con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B71-3 4.0-4.5 Sampled: 6/28/2012 11:14

Sample ID: 12G0384-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	L-07A	SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/19/12	7/21/12 2:40	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/17/12 21:51	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.9	30-150		7/21/12 2:40
Decachlorobiphenyl [1]	108	30-150		7/17/12 21:51
Decachlorobiphenyl [2]	100	30-150		7/21/12 2:40
Decachlorobiphenyl [2]	85.8	30-150		7/17/12 21:51
Tetrachloro-m-xylene [1]	88.3	30-150		7/21/12 2:40
Tetrachloro-m-xylene [1]	86.8	30-150		7/17/12 21:51
Tetrachloro-m-xylene [2]	92.0	30-150		7/21/12 2:40
Tetrachloro-m-xylene [2]	88.3	30-150		7/17/12 21:51

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B71-3 4.0-4.5 Sampled: 6/28/2012 11:14

Sample ID: 12G0384-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B61-3 4.5-5.0 Sampled: 6/28/2012 11:24

Sample ID: 12G0384-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 20:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	86.0	30-150		7/16/12 20:49
Decachlorobiphenyl [2]	96.2	30-150		7/16/12 20:49
Tetrachloro-m-xylene [1]	82.7	30-150		7/16/12 20:49
Tetrachloro-m-xylene [2]	99.4	30-150		7/16/12 20:49

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B61-3 4.5-5.0 Sampled: 6/28/2012 11:24

Sample ID: 12G0384-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B61-4 6.5-7.0 Sampled: 6/28/2012 11:26

Sample ID: 12G0384-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.4	30-150		7/16/12 21:02
Decachlorobiphenyl [2]	102	30-150		7/16/12 21:02
Tetrachloro-m-xylene [1]	92.2	30-150		7/16/12 21:02
Tetrachloro-m-xylene [2]	111	30-150		7/16/12 21:02

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B61-4 6.5-7.0 Sampled: 6/28/2012 11:26

Sample ID: 12G0384-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B57-5 9.0-9.5 Sampled: 6/28/2012 12:08

Sample ID: 12G0384-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.3	30-150		7/16/12 21:41
Decachlorobiphenyl [2]	107	30-150		7/16/12 21:41
Tetrachloro-m-xylene [1]	90.3	30-150		7/16/12 21:41
Tetrachloro-m-xylene [2]	107	30-150		7/16/12 21:41

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B57-5 9.0-9.5 Sampled: 6/28/2012 12:08

Sample ID: 12G0384-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B56-5 8.0-8.5 Sampled: 6/28/2012 15:20

Sample ID: 12G0384-24

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 21:54	MJC

Surrogates	% Recovery		Recovery Limits	Flag		
Decachlorobiphenyl [1]	**190**	*	30-150	S-17		7/16/12 21:54
Decachlorobiphenyl [2]	**213**	*	30-150	S-17		7/16/12 21:54
Tetrachloro-m-xylene [1]	**185**	*	30-150	S-17		7/16/12 21:54
Tetrachloro-m-xylene [2]	**218**	*	30-150	S-17		7/16/12 21:54

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B56-5 8.0-8.5 Sampled: 6/28/2012 15:20

Sample ID: 12G0384-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.1		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B60-3 4.0-4.5 Sampled: 6/28/2012 15:34

Sample ID: 12G0384-25

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.4	30-150		7/16/12 22:07
Decachlorobiphenyl [2]	104	30-150		7/16/12 22:07
Tetrachloro-m-xylene [1]	85.2	30-150		7/16/12 22:07
Tetrachloro-m-xylene [2]	101	30-150		7/16/12 22:07

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B60-3 4.0-4.5 Sampled: 6/28/2012 15:34

Sample ID: 12G0384-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B60-4 6.0-6.5 Sampled: 6/28/2012 15:36

Sample ID: 12G0384-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.6	30-150		7/16/12 22:20
Decachlorobiphenyl [2]	99.4	30-150		7/16/12 22:20
Tetrachloro-m-xylene [1]	85.7	30-150		7/16/12 22:20
Tetrachloro-m-xylene [2]	102	30-150		7/16/12 22:20

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B60-4 6.0-6.5 Sampled: 6/28/2012 15:36

Sample ID: 12G0384-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B70-2 2.0-2.5 Sampled: 6/28/2012 15:42

Sample ID: 12G0384-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	70.8	30-150		7/16/12 22:33
Decachlorobiphenyl [2]	79.0	30-150		7/16/12 22:33
Tetrachloro-m-xylene [1]	85.6	30-150		7/16/12 22:33
Tetrachloro-m-xylene [2]	103	30-150		7/16/12 22:33

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B70-2 2.0-2.5 Sampled: 6/28/2012 15:42

Sample ID: 12G0384-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B70-3 4.0-4.5 Sampled: 6/28/2012 15:46

Sample ID: 12G0384-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:46	MJC

Surrogates	% Recovery		Recovery Limits	Flag		
Decachlorobiphenyl [1]	**201**	*	30-150	S-17		7/16/12 22:46
Decachlorobiphenyl [2]	**226**	*	30-150	S-17		7/16/12 22:46
Tetrachloro-m-xylene [1]	**194**	*	30-150	S-17		7/16/12 22:46
Tetrachloro-m-xylene [2]	**225**	*	30-150	S-17		7/16/12 22:46

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: B70-3 4.0-4.5 Sampled: 6/28/2012 15:46

Sample ID: 12G0384-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: Dup-16 Sampled: 6/28/2012 11:24

Sample ID: 12G0384-29

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/12/12	7/16/12 22:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/16/12 22:59
Decachlorobiphenyl [2]	113	30-150		7/16/12 22:59
Tetrachloro-m-xylene [1]	95.0	30-150		7/16/12 22:59
Tetrachloro-m-xylene [2]	112	30-150		7/16/12 22:59

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0384

Date Received: 7/12/2012

Field Sample #: Dup-16 Sampled: 6/28/2012 11:24

Sample ID: 12G0384-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1		SM 2540G	7/14/12	7/16/12 8:50	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0384-01 [B96-3 4.0-4.5]	B055100	07/14/12
12G0384-02 [B96-4 6.0-6.5]	B055100	07/14/12
12G0384-03 [B93-2 2.5-3.0]	B055100	07/14/12
12G0384-04 [B93-3 4.5-5.0]	B055100	07/14/12
12G0384-05 [B94-2 3.0-3.5]	B055100	07/14/12
12G0384-06 [B94-3 5.0-5.5]	B055100	07/14/12
12G0384-07 [B87-3 5.5-6.0]	B055100	07/14/12
12G0384-08 [B87-4 7.5-8.0]	B055100	07/14/12
12G0384-09 [B87-5 9.5-10]	B055100	07/14/12
12G0384-10 [B97-3 4.0-4.5]	B055100	07/14/12
12G0384-11 [B97-4 6.0-6.5]	B055100	07/14/12
12G0384-12 [B92-2 2.5-3.0]	B055100	07/14/12
12G0384-13 [B92-3 5.0-5.5]	B055100	07/14/12
12G0384-14 [B92-4 7.0-7.5]	B055100	07/14/12
12G0384-15 [B84-2 3.0-3.5]	B055100	07/14/12
12G0384-16 [B84-3 5.0-5.5]	B055100	07/14/12
12G0384-17 [B80-2 3.5-4.0]	B055100	07/14/12
12G0384-18 [B80-3 5.5-6.0]	B055100	07/14/12
12G0384-19 [B71-2 2.0-2.5]	B055100	07/14/12
12G0384-20 [B71-3 4.0-4.5]	B055100	07/14/12
12G0384-21 [B61-3 4.5-5.0]	B055100	07/14/12
12G0384-22 [B61-4 6.5-7.0]	B055100	07/14/12
12G0384-23 [B57-5 9.0-9.5]	B055100	07/14/12
12G0384-24 [B56-5 8.0-8.5]	B055100	07/14/12
12G0384-25 [B60-3 4.0-4.5]	B055100	07/14/12
12G0384-26 [B60-4 6.0-6.5]	B055100	07/14/12
12G0384-27 [B70-2 2.0-2.5]	B055100	07/14/12
12G0384-28 [B70-3 4.0-4.5]	B055100	07/14/12
12G0384-29 [Dup-16]	B055100	07/14/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0384-01 [B96-3 4.0-4.5]	B055005	10.0	10.0	07/12/12
12G0384-02 [B96-4 6.0-6.5]	B055005	10.2	10.0	07/12/12
12G0384-03 [B93-2 2.5-3.0]	B055005	10.2	10.0	07/12/12
12G0384-04 [B93-3 4.5-5.0]	B055005	10.0	10.0	07/12/12
12G0384-05 [B94-2 3.0-3.5]	B055005	10.0	10.0	07/12/12
12G0384-06 [B94-3 5.0-5.5]	B055005	10.3	10.0	07/12/12
12G0384-07 [B87-3 5.5-6.0]	B055005	10.1	10.0	07/12/12
12G0384-08 [B87-4 7.5-8.0]	B055005	10.1	10.0	07/12/12
12G0384-09 [B87-5 9.5-10]	B055005	10.1	10.0	07/12/12
12G0384-10 [B97-3 4.0-4.5]	B055005	10.2	10.0	07/12/12
12G0384-11 [B97-4 6.0-6.5]	B055005	10.2	10.0	07/12/12
12G0384-12 [B92-2 2.5-3.0]	B055005	10.2	10.0	07/12/12
12G0384-13 [B92-3 5.0-5.5]	B055005	10.3	10.0	07/12/12
12G0384-14 [B92-4 7.0-7.5]	B055005	10.0	10.0	07/12/12
12G0384-15 [B84-2 3.0-3.5]	B055005	10.3	10.0	07/12/12
12G0384-16 [B84-3 5.0-5.5]	B055005	10.0	10.0	07/12/12
12G0384-17 [B80-2 3.5-4.0]	B055005	10.0	10.0	07/12/12
12G0384-18 [B80-3 5.5-6.0]	B055005	10.1	10.0	07/12/12
12G0384-19 [B71-2 2.0-2.5]	B055005	10.0	10.0	07/12/12
12G0384-20 [B71-3 4.0-4.5]	B055005	10.2	10.0	07/12/12

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0384-21 [B61-3 4.5-5.0]	B055006	10.3	10.0	07/12/12
12G0384-22 [B61-4 6.5-7.0]	B055006	10.1	10.0	07/12/12
12G0384-23 [B57-5 9.0-9.5]	B055006	10.1	10.0	07/12/12
12G0384-24 [B56-5 8.0-8.5]	B055006	10.1	10.0	07/12/12
12G0384-25 [B60-3 4.0-4.5]	B055006	10.1	10.0	07/12/12
12G0384-26 [B60-4 6.0-6.5]	B055006	10.0	10.0	07/12/12
12G0384-27 [B70-2 2.0-2.5]	B055006	10.2	10.0	07/12/12
12G0384-28 [B70-3 4.0-4.5]	B055006	10.3	10.0	07/12/12
12G0384-29 [Dup-16]	B055006	10.3	10.0	07/12/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0384-01RE1 [B96-3 4.0-4.5]	B055450	10.0	10.0	07/19/12
12G0384-02RE1 [B96-4 6.0-6.5]	B055450	10.3	10.0	07/19/12
12G0384-03RE1 [B93-2 2.5-3.0]	B055450	10.3	10.0	07/19/12
12G0384-04RE1 [B93-3 4.5-5.0]	B055450	10.2	10.0	07/19/12
12G0384-05RE1 [B94-2 3.0-3.5]	B055450	10.0	10.0	07/19/12
12G0384-06RE1 [B94-3 5.0-5.5]	B055450	10.2	10.0	07/19/12
12G0384-07RE1 [B87-3 5.5-6.0]	B055450	10.0	10.0	07/19/12
12G0384-08RE1 [B87-4 7.5-8.0]	B055450	10.2	10.0	07/19/12
12G0384-09RE1 [B87-5 9.5-10]	B055450	10.1	10.0	07/19/12
12G0384-10RE1 [B97-3 4.0-4.5]	B055450	10.1	10.0	07/19/12
12G0384-11RE1 [B97-4 6.0-6.5]	B055450	10.2	10.0	07/19/12
12G0384-12RE1 [B92-2 2.5-3.0]	B055450	10.3	10.0	07/19/12
12G0384-13RE1 [B92-3 5.0-5.5]	B055450	10.1	10.0	07/19/12
12G0384-14RE1 [B92-4 7.0-7.5]	B055450	10.2	10.0	07/19/12
12G0384-15RE1 [B84-2 3.0-3.5]	B055450	10.2	10.0	07/19/12
12G0384-16RE1 [B84-3 5.0-5.5]	B055450	10.1	10.0	07/19/12
12G0384-18RE1 [B80-3 5.5-6.0]	B055450	10.3	10.0	07/19/12
12G0384-19RE1 [B71-2 2.0-2.5]	B055450	10.2	10.0	07/19/12
12G0384-20RE1 [B71-3 4.0-4.5]	B055450	10.1	10.0	07/19/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0384-17RE1 [B80-2 3.5-4.0]	B055520	10.1	10.0	07/20/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B055005 - SW-846 3540C												
Blank (B055005-BLK1)				Prepared: 07/12/12 Analyzed: 07/17/12								
Aroclor-1016	ND	0.10	mg/Kg wet									L-07A
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet									L-06, R-05
Aroclor-1221	ND	0.10	mg/Kg wet									
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1232	ND	0.10	mg/Kg wet									
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1242	ND	0.10	mg/Kg wet									
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1248	ND	0.10	mg/Kg wet									
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1254	ND	0.10	mg/Kg wet									
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1260	ND	0.10	mg/Kg wet									L-07A
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet									L-07A
Aroclor-1262	ND	0.10	mg/Kg wet									
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet									
Aroclor-1268	ND	0.10	mg/Kg wet									
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet									
Surrogate: Decachlorobiphenyl	*0.559*		mg/Kg wet	0.200		**279**	*	30-150				S-17
Surrogate: Decachlorobiphenyl [2C]	*0.482*		mg/Kg wet	0.200		**241**	*	30-150				S-17
Surrogate: Tetrachloro-m-xylene	*0.428*		mg/Kg wet	0.200		**214**	*	30-150				S-17
Surrogate: Tetrachloro-m-xylene [2C]	*0.450*		mg/Kg wet	0.200		**225**	*	30-150				S-17
LCS (B055005-BS1)				Prepared: 07/12/12 Analyzed: 07/17/12								
Aroclor-1016	0.27	0.10	mg/Kg wet	0.200		133		40-140				L-07A
Aroclor-1016 [2C]	0.29	0.10	mg/Kg wet	0.200		**144**	*	40-140				L-06, R-05, V-06
Aroclor-1260	0.26	0.10	mg/Kg wet	0.200		129		40-140				L-07A
Aroclor-1260 [2C]	0.24	0.10	mg/Kg wet	0.200		122		40-140				V-06, L-07A
Surrogate: Decachlorobiphenyl	*0.294*		mg/Kg wet	0.200		147		30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.251*		mg/Kg wet	0.200		125		30-150				
Surrogate: Tetrachloro-m-xylene	*0.234*		mg/Kg wet	0.200		117		30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.242*		mg/Kg wet	0.200		121		30-150				
LCS Dup (B055005-BSD1)				Prepared: 07/12/12 Analyzed: 07/17/12								
Aroclor-1016	0.55	0.10	mg/Kg wet	0.200		**274**	*	40-140	**69.3**	*	30	L-07A
Aroclor-1016 [2C]	0.51	0.10	mg/Kg wet	0.200		**253**	*	40-140	**54.6**	*	30	L-06, R-05, V-06
Aroclor-1260	0.48	0.10	mg/Kg wet	0.200		**241**	*	40-140	**60.7**	*	30	L-07A
Aroclor-1260 [2C]	0.48	0.10	mg/Kg wet	0.200		**242**	*	40-140	**65.7**	*	30	L-07A, V-06
Surrogate: Decachlorobiphenyl	*0.612*		mg/Kg wet	0.200		**306**	*	30-150				Z-02
Surrogate: Decachlorobiphenyl [2C]	*0.491*		mg/Kg wet	0.200		**246**	*	30-150				Z-02
Surrogate: Tetrachloro-m-xylene	*0.458*		mg/Kg wet	0.200		**229**	*	30-150				Z-02
Surrogate: Tetrachloro-m-xylene [2C]	*0.482*		mg/Kg wet	0.200		**241**	*	30-150				Z-02

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055005 - SW-846 3540C										
Matrix Spike (B055005-MS1)	**Source: 12G0384-01**			Prepared: 07/12/12 Analyzed: 07/17/12						
Aroclor-1016	0.28	0.12	mg/Kg dry	0.235	0.0	120	40-140			L-07A
Aroclor-1016 [2C]	0.30	0.12	mg/Kg dry	0.235	0.0	127	40-140			L-06, R-05, V-06
Aroclor-1260	0.25	0.12	mg/Kg dry	0.235	0.0	108	40-140			L-07A
Aroclor-1260 [2C]	0.26	0.12	mg/Kg dry	0.235	0.0	110	40-140			L-07A, V-06
Surrogate: Decachlorobiphenyl	*0.299*		mg/Kg dry	0.235		127	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.241*		mg/Kg dry	0.235		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.239*		mg/Kg dry	0.235		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.245*		mg/Kg dry	0.235		104	30-150			
Matrix Spike Dup (B055005-MSD1)	**Source: 12G0384-01**			Prepared: 07/12/12 Analyzed: 07/17/12						
Aroclor-1016	0.31	0.12	mg/Kg dry	0.235	0.0	131	40-140	8.65	50	L-07A
Aroclor-1016 [2C]	0.33	0.12	mg/Kg dry	0.235	0.0	139	40-140	9.24	50	L-06, R-05, V-06
Aroclor-1260	0.28	0.12	mg/Kg dry	0.235	0.0	119	40-140	10.2	50	L-07A
Aroclor-1260 [2C]	0.28	0.12	mg/Kg dry	0.235	0.0	117	40-140	6.96	50	L-07A, V-06
Surrogate: Decachlorobiphenyl	*0.334*		mg/Kg dry	0.235		142	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.264*		mg/Kg dry	0.235		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.250*		mg/Kg dry	0.235		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.257*		mg/Kg dry	0.235		110	30-150			
Batch B055006 - SW-846 3540C										
Blank (B055006-BLK1)				Prepared: 07/12/12 Analyzed: 07/16/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		94.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.170*		mg/Kg wet	0.200		85.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.203*		mg/Kg wet	0.200		102	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055006 - SW-846 3540C										
LCS (B055006-BS1)				Prepared: 07/12/12 Analyzed: 07/16/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			V-06
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.7	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			V-06
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		92.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS Dup (B055006-BSD1)				Prepared: 07/12/12 Analyzed: 07/16/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		111	40-140	4.30	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140	3.92	30	V-06
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		96.2	40-140	4.86	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		114	40-140	5.20	30	V-06
Surrogate: Decachlorobiphenyl	*0.195*		mg/Kg wet	0.200		97.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg wet	0.200		92.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.221*		mg/Kg wet	0.200		110	30-150			
Batch B055450 - SW-846 3540C										
Blank (B055450-BLK1)				Prepared: 07/19/12 Analyzed: 07/20/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.225*		mg/Kg wet	0.200		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.236*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.192*		mg/Kg wet	0.200		96.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055450 - SW-846 3540C										
LCS (B055450-BS1)				Prepared: 07/19/12 Analyzed: 07/20/12						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		105	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		127	40-140			
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.235*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.189*		mg/Kg wet	0.200		94.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg wet	0.200		106	30-150			
LCS Dup (B055450-BSD1)				Prepared: 07/19/12 Analyzed: 07/20/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		113	40-140	7.87	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		118	40-140	7.07	30	
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140	6.99	30	
Aroclor-1260 [2C]	0.26	0.10	mg/Kg wet	0.200		132	40-140	3.33	30	
Surrogate: Decachlorobiphenyl	*0.237*		mg/Kg wet	0.200		119	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.245*		mg/Kg wet	0.200		123	30-150			
Surrogate: Tetrachloro-m-xylene	*0.196*		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Matrix Spike (B055450-MS1)		**Source: 12G0384-01RE1**		Prepared: 07/19/12 Analyzed: 07/21/12						
Aroclor-1016	0.24	0.12	mg/Kg dry	0.235	0.0	103	40-140			
Aroclor-1016 [2C]	0.25	0.12	mg/Kg dry	0.235	0.0	108	40-140			
Aroclor-1260	0.24	0.12	mg/Kg dry	0.235	0.0	104	40-140			
Aroclor-1260 [2C]	0.26	0.12	mg/Kg dry	0.235	0.0	110	40-140			
Surrogate: Decachlorobiphenyl	*0.238*		mg/Kg dry	0.235		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.244*		mg/Kg dry	0.235		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.217*		mg/Kg dry	0.235		92.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg dry	0.235		96.1	30-150			
Matrix Spike Dup (B055450-MSD1)		**Source: 12G0384-01RE1**		Prepared: 07/19/12 Analyzed: 07/21/12						
Aroclor-1016	0.24	0.12	mg/Kg dry	0.235	0.0	104	40-140	1.41	50	
Aroclor-1016 [2C]	0.25	0.12	mg/Kg dry	0.235	0.0	107	40-140	0.624	50	
Aroclor-1260	0.25	0.12	mg/Kg dry	0.235	0.0	106	40-140	1.67	50	
Aroclor-1260 [2C]	0.26	0.12	mg/Kg dry	0.235	0.0	109	40-140	0.946	50	
Surrogate: Decachlorobiphenyl	*0.235*		mg/Kg dry	0.235		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.244*		mg/Kg dry	0.235		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg dry	0.235		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.222*		mg/Kg dry	0.235		94.5	30-150			
Batch B055520 - SW-846 3540C										
Blank (B055520-BLK1)				Prepared: 07/20/12 Analyzed: 07/23/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055520 - SW-846 3540C										
Blank (B055520-BLK1)				Prepared: 07/20/12 Analyzed: 07/23/12						
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.207*		mg/Kg wet	0.200		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.227*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg wet	0.200		93.2	30-150			
LCS (B055520-BS1)				Prepared: 07/20/12 Analyzed: 07/23/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		99.4	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		92.3	40-140			
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Surrogate: Decachlorobiphenyl	*0.213*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.232*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			
LCS Dup (B055520-BSD1)				Prepared: 07/20/12 Analyzed: 07/23/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		97.7	40-140	1.70	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		111	40-140	2.54	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		92.8	40-140	0.519	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140	0.745	30	
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.234*		mg/Kg wet	0.200		117	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg wet	0.200		98.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.203*		mg/Kg wet	0.200		102	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055100 - % Solids										
Duplicate (B055100-DUP1)	**Source: 12G0384-29**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	81.4		% Wt		81.6			0.245	20	
Duplicate (B055100-DUP2)	**Source: 12G0384-18**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	83.1		% Wt		89.7			7.64	20	
Duplicate (B055100-DUP3)	**Source: 12G0384-02**			Prepared: 07/14/12 Analyzed: 07/16/12						
% Solids	84.4		% Wt		83.3			1.31	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-06	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the high side.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
P-04	Due to continuing calibration non-conformance on the confirmatory detector, the lower of two results was reported.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-10	Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits. Data from analysis performed outside of holding time is also reported since surrogate recovery is acceptable.
S-17	Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-24	Continuing calibration verification was outside of control limits on the confirmation column, but within control limits on the primary column. All sample results are reported from the column within control criteria.
Z-01	Sample was re-extracted outside holding time with acceptable results.
Z-01a	Sample was re-extracted outside of holding time with acceptable results.
Z-02	Surrogate recovery is outside of control limits in BS/MS spiked sample.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

12G0384

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Page 1 of 3

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: sorokca@nu.com duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

	Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	ANALYSIS REQUESTED	# of Containers
									1	1		** Preservation
									A			***Container Code
1	12F1059-95	B96-3 (4.0-4.5)	6/28/12	0834		X	S	U	✓	✓		
2	-96	B96-4 (6.0-6.5)	↑	0836		↑	↑	↑		✓		
3	12G0091-03	B93-2 (2.5-3.0)		0842					✓	✓		
4	-04	B93-3 (4.5-5.0)		0844						✓		
5	-08	B94-2 (3.0-3.5)		0900					✓	✓		
6	-09	B94-3 (5.0-5.5)		0910						✓		
7	12G0090-24	B87-3 (5.5-6.0)		0944					✓	✓		
8	-25	B87-4 (7.5-8.0)		0946					✓	✓		
9	-26	B87-5 (9.5-10.0)		0956						✓		
10	12G0091-19	B97-3 (4.0-4.5)	↓	0954		↓	↓	↓	✓	✓		

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Rush soxhlet extraction (24 hr); 5-day TAT for PCB analysis on select samples

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Turnaround ††
[signature] 7/12/12	1635	☐ 7-Day
Received by: (signature)	Date/Time:	☐ 10-Day
		☒ Other 5 day
Relinquished by: (signature)	Date/Time:	RUSH †
		☒ †24-Hr ☐ †48-Hr
Received by: (signature)	Date/Time:	☐ †72-Hr ☐ †4-Day
		† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 2 of 3

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER _____
○ "Enhanced Data Package"

	Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
11	12G0091-20	B97-4 (6.0-6.5)	6/28/12	0956		X	S	U		✓	1	I	A
12	12G0090-38	B92-2 (2.5-3.0)	"	1002		"	"	"	✓	✓	"	"	"
13	-39	B92-3 (5.0-5.5)	"	1004		"	"	"	✓	✓	"	"	"
14	-40	B92-4 (7.0-7.5)	"	1006		"	"	"		✓	"	"	"
15	12G0090-13	B84-2 (3.0-3.5)	"	1015		"	"	"	✓	✓	"	"	"
16	-14	B84-3 (5.0-5.5)	"	1020		"	"	"		✓	"	"	"
17	12G0089-33	B80-2 (3.5-4.0)	"	1102		"	"	"	✓	✓	"	"	"
18	-34	B80-3 (5.5-6.0)	"	1104		"	"	"		✓	"	"	"
19	12F1059-87	B71-2 (2.0-2.5)	"	1112		"	"	"	✓	✓	"	"	"
20	-88	B71-3 (4.0-4.5)	"	1114		"	"	"		✓	"	"	"

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Rush soxhlet extraction (24 hr); 5-day TAT for PCB analysis on select samples

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/12/12	1635
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 day
RUSH †
☒ 24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

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Attention: Jeff Duigou
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Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	ANALYSIS REQUESTED	# of Containers	** Preservation	***Container Code
12F1059-76	B61-3 (4.5-5.0) / DUP-16	6/28/12	1124		x	s	U	✓	✓		1	I	A
77	B61-4 (6.5-7.0)	↓	1126		↓	↓	↓		✓				
12F1059-66	B57-5 (9.0-9.5)		1208						✓				
-61	B56-5 (8.0-8.5)		1520						✓				
-71	B60-3 (4.0-4.5)		1534					✓	✓				
72	B60-4 (6.0-6.5)		1536						✓				
82	B70-2 (2.0-2.5)		1542					✓	✓				
83	B70-3 (4.0-4.5)	↓	1546		↓	↓	↓		✓				

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Rush soxhlet extraction (24 hr); 5-day TAT for PCB analysis on select samples

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Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5 day
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
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◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
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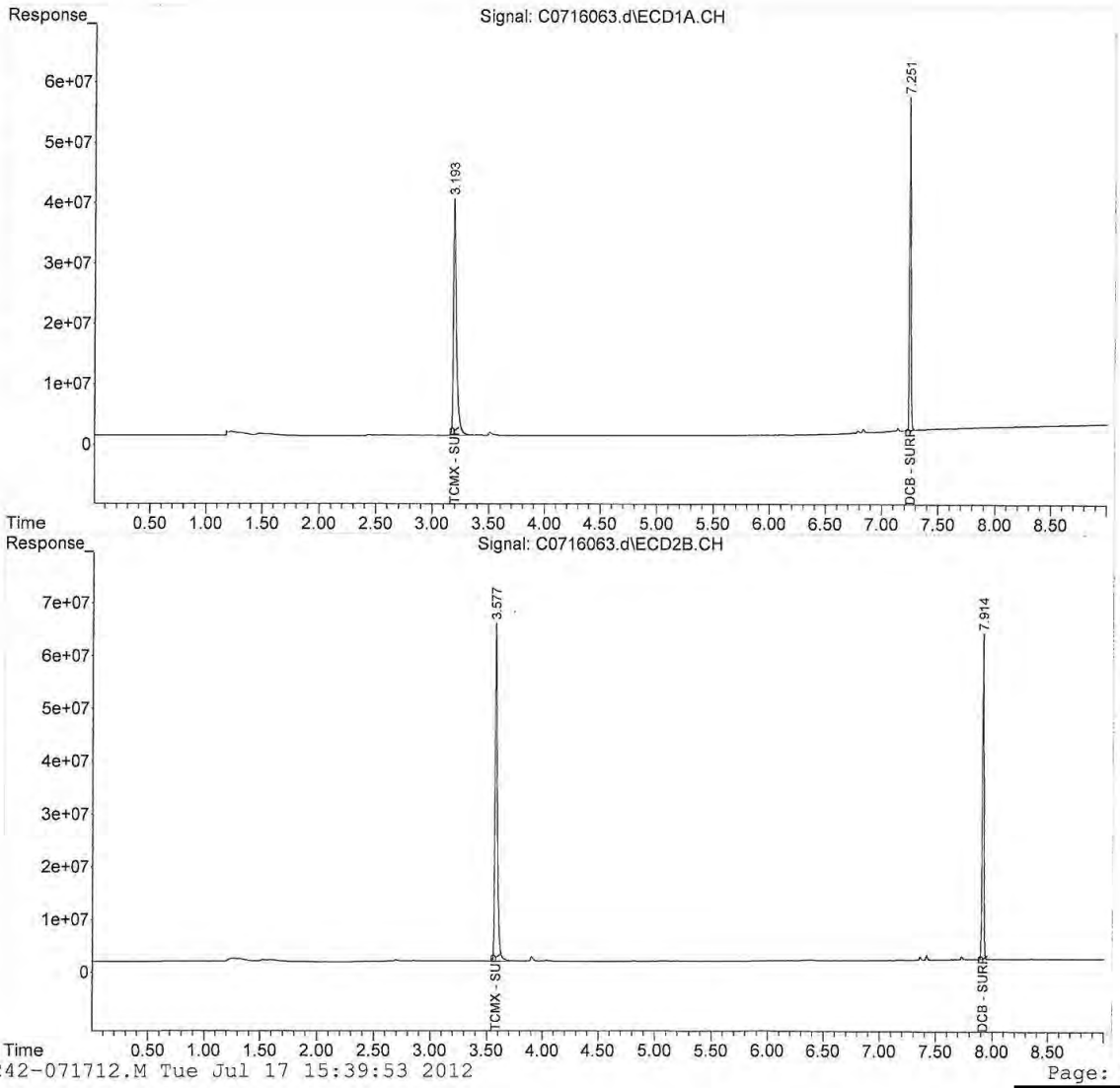
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716063.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 20:49 pm
Operator : JMB
Sample : 12G0384-21@5X Inst : DUAL ECD3
Misc :
ALS Vial : 63 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:05:18 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

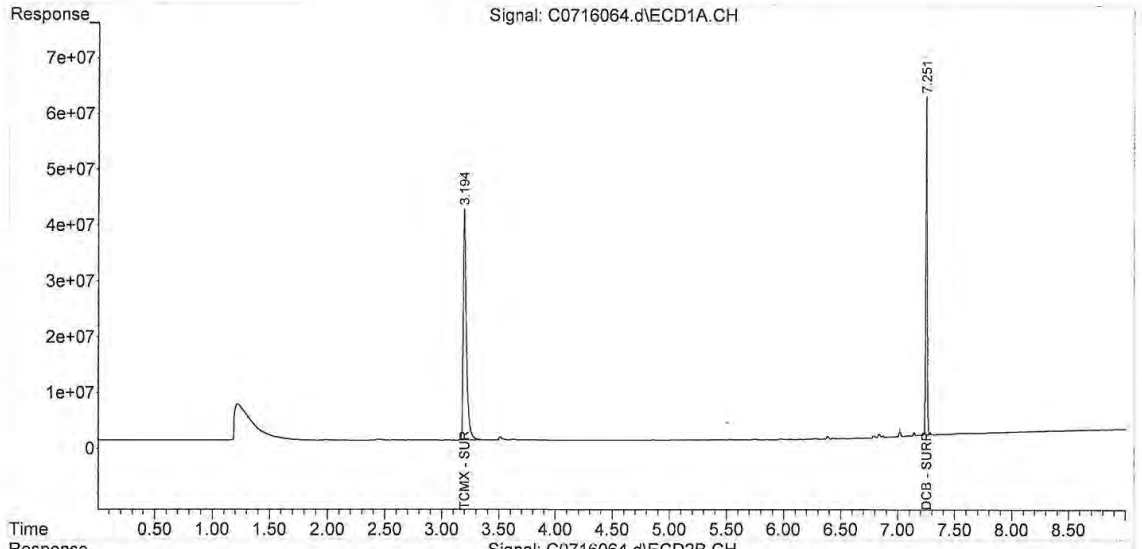


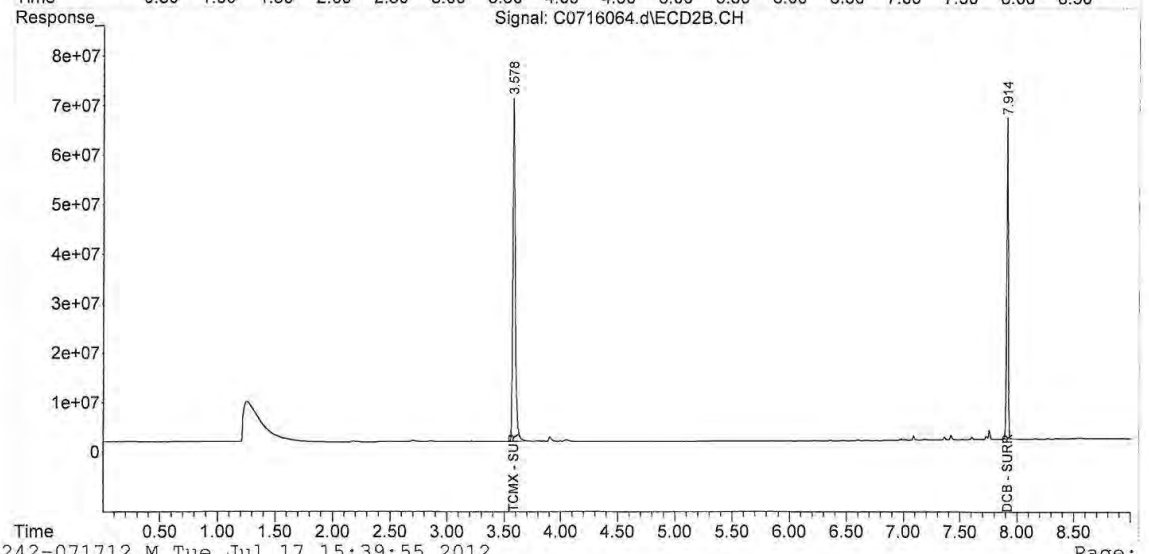
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716064.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 21:02 pm
Operator : JMB
Sample : 12G0384-22@5X Inst : DUAL ECD3
Misc :
ALS Vial : 64 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:05:20 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





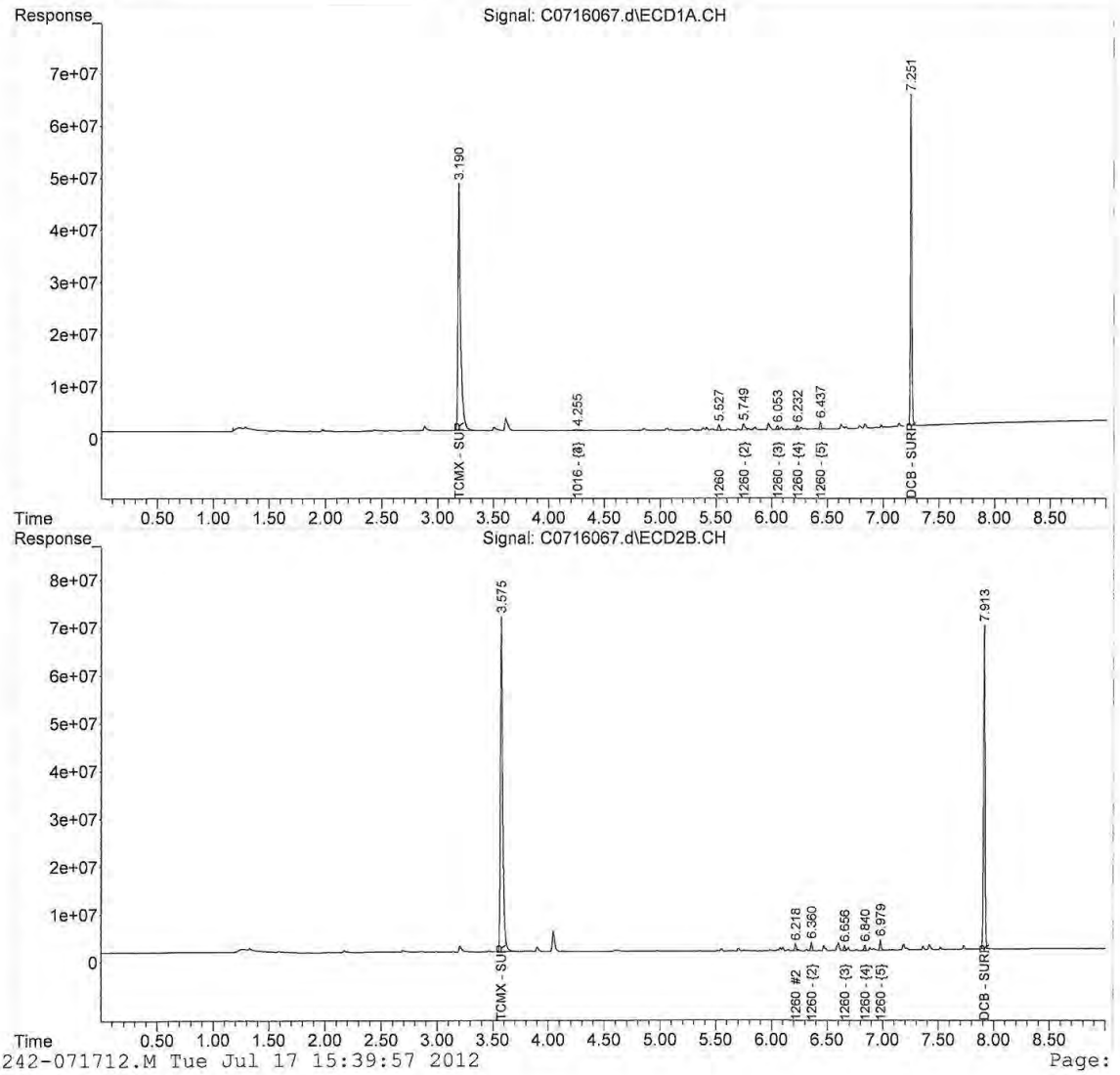
3-1242-071712.M Tue Jul 17 15:39:55 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716067.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 21:41 pm
Operator : JMB
Sample : 12G0384-23@5X Inst : DUAL ECD3
Misc :
ALS Vial : 67 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:37 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

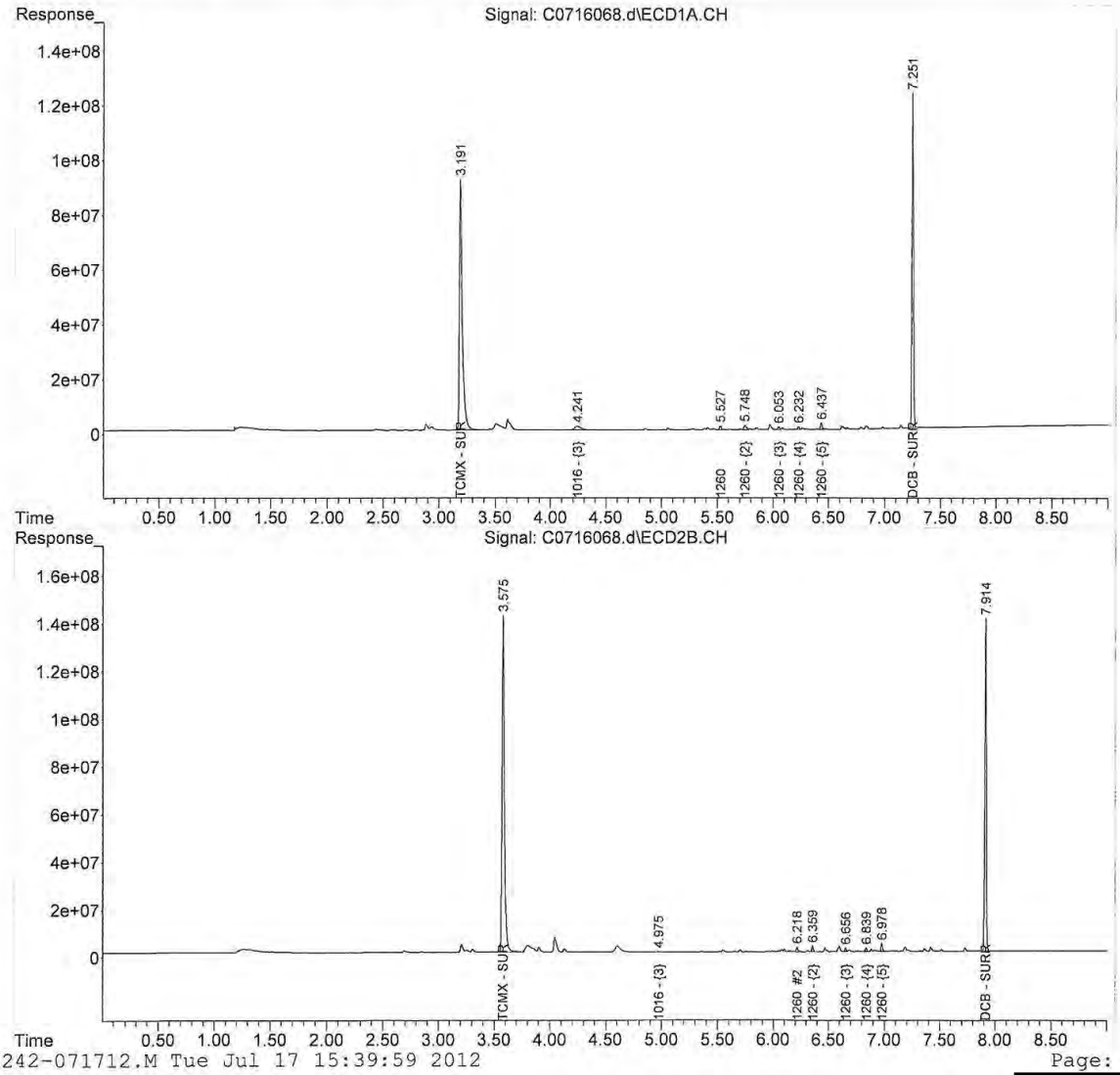


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716068.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 21:54 pm
Operator : JMB
Sample : 12G0384-24@5X Inst : DUAL ECD3
Misc :
ALS Vial : 68 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:39 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



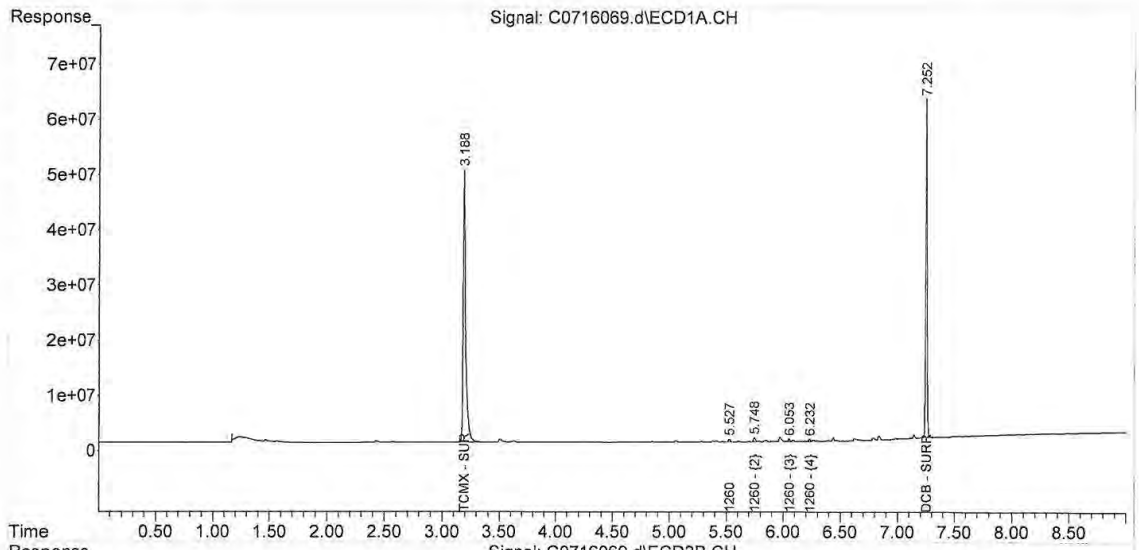
3-1242-071712.M Tue Jul 17 15:39:59 2012 Page: 2

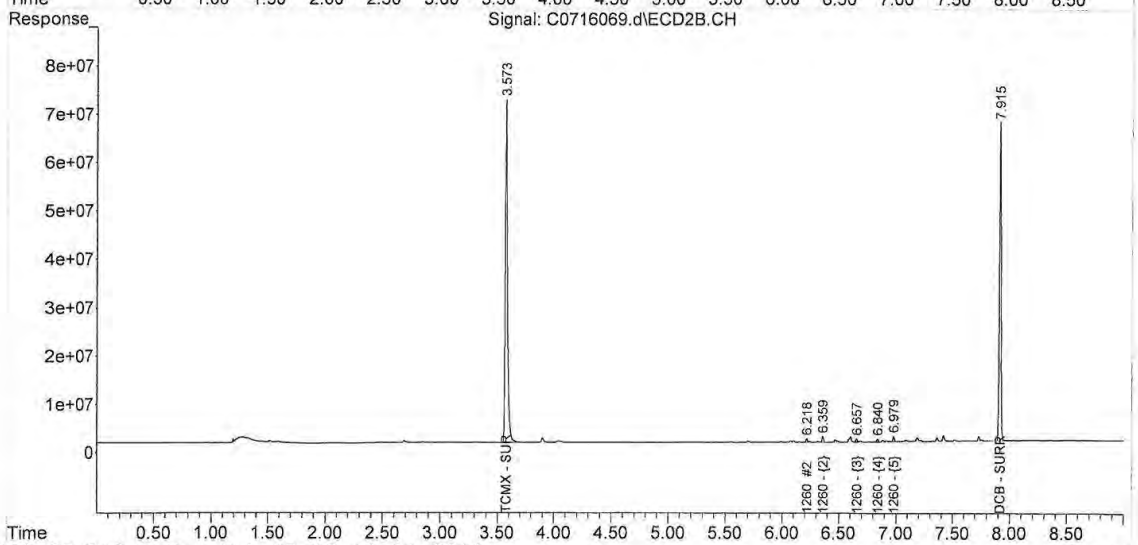
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716069.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 22:07 pm
Operator : JMB
Sample : 12G0384-25@5X Inst : DUAL ECD3
Misc :
ALS Vial : 69 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:41 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



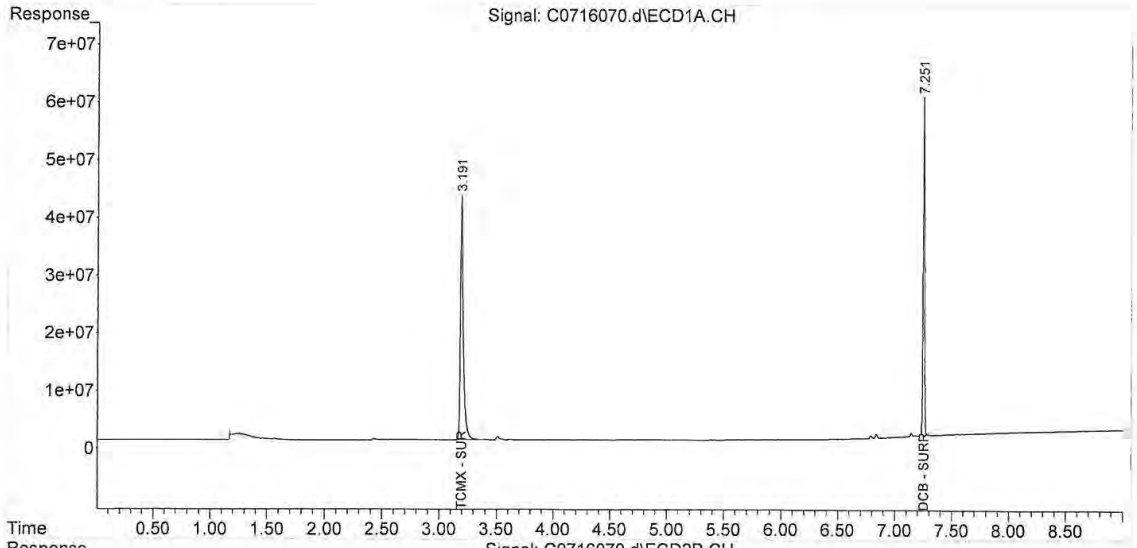


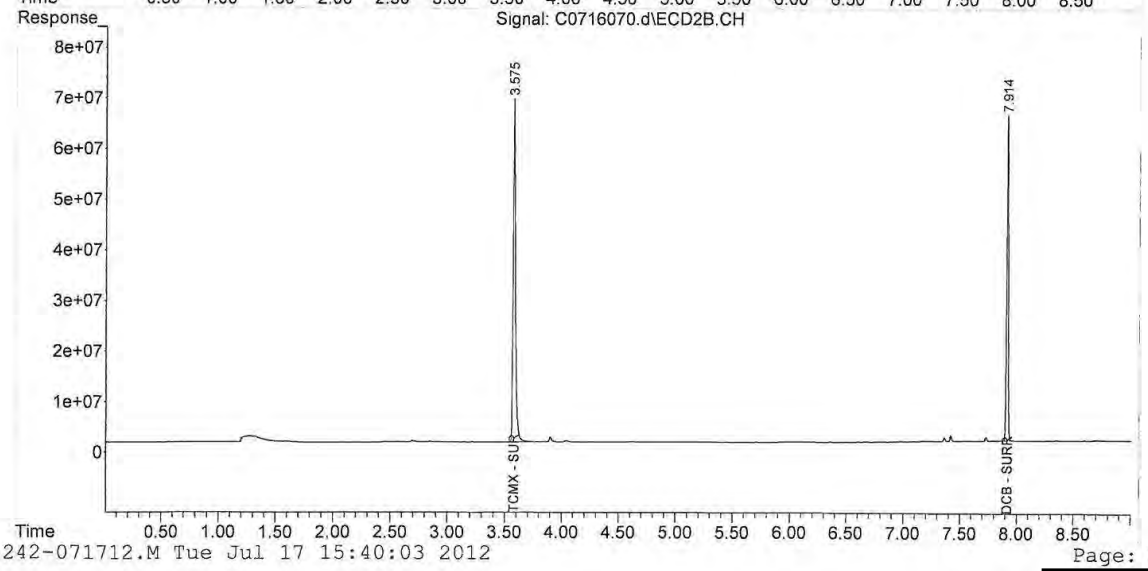
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716070.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 22:20 pm
Operator : JMB
Sample : 12G0384-26@5X Inst : DUAL ECD3
Misc :
ALS Vial : 70 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:43 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



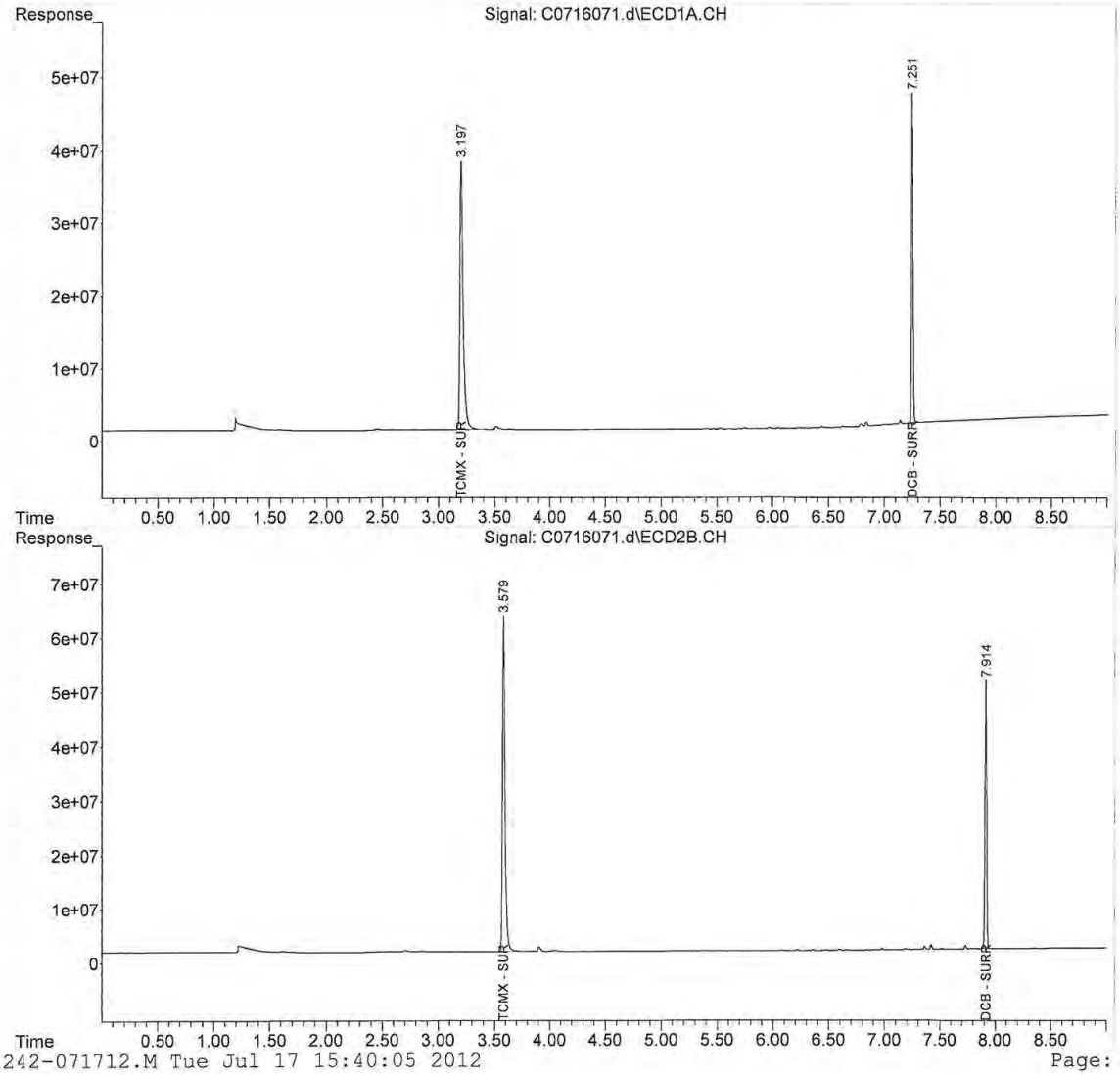


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716071.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 22:33 pm
Operator : JMB
Sample : 12G0384-27@5X Inst : DUAL ECD3
Misc :
ALS Vial : 71 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:45 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

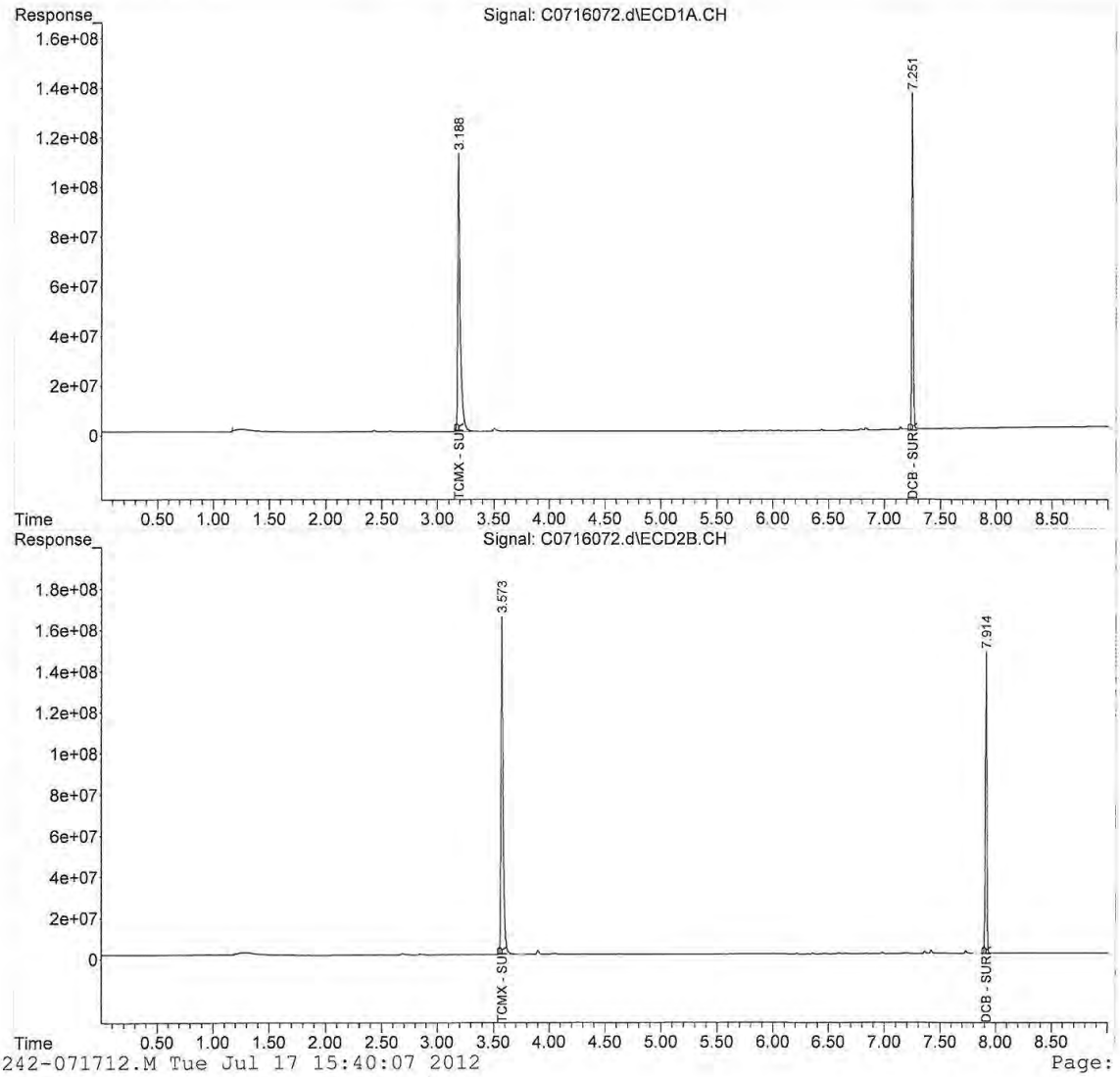


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716072.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 22:46 pm
Operator : JMB
Sample : 12G0384-28@5X Inst : DUAL ECD3
Misc :
ALS Vial : 72 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:47 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

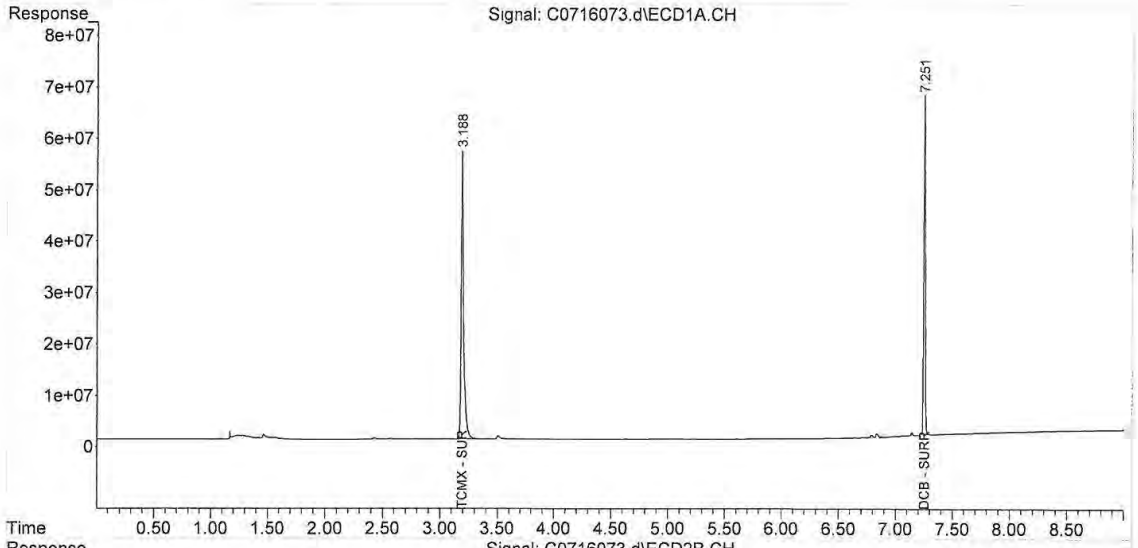


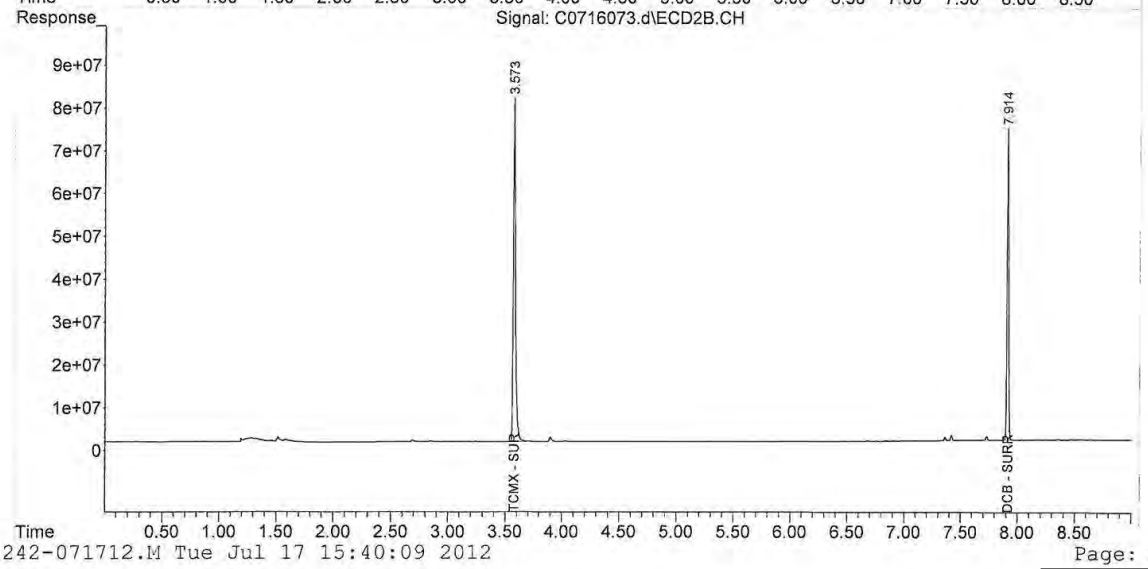
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071612\
Data File : C0716073.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jul 2012 22:59 pm
Operator : JMB
Sample : 12G0384-29@5X Inst : DUAL ECD3
Misc :
ALS Vial : 73 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1242.E
Integration File signal 2: B-1242.E
Quant Time: Jul 17 08:06:49 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



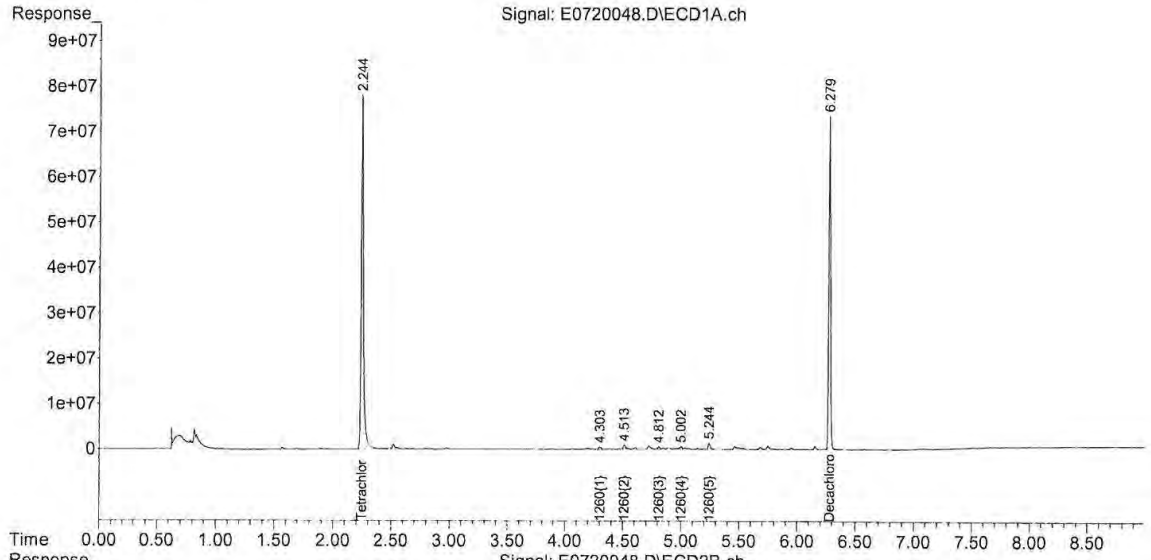


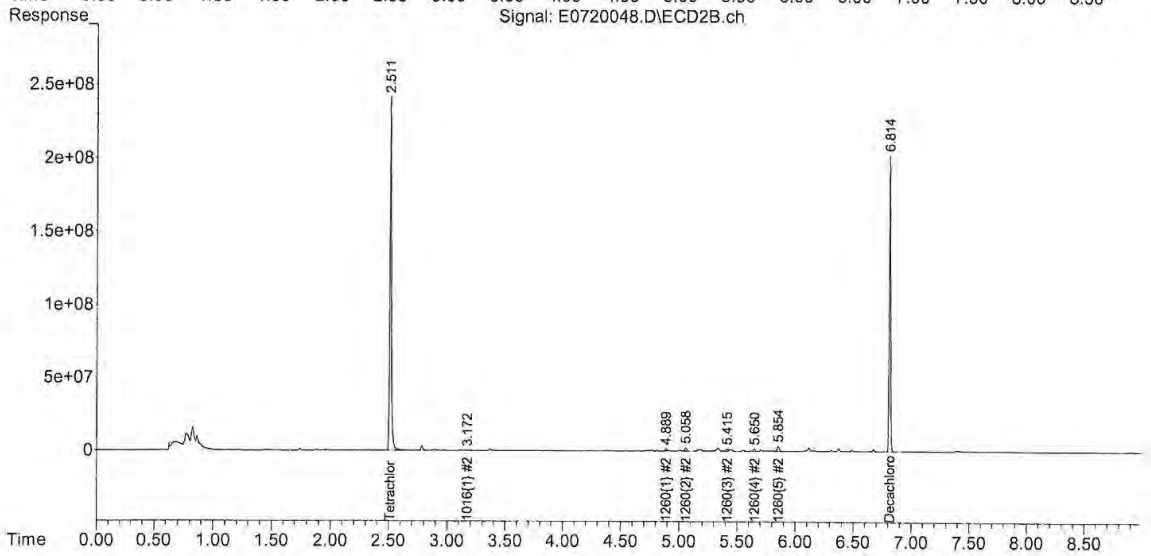
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 10:25 pm
Operator : JMB
Sample : 12G0384-01RE1@5X Inst : ECD 5
Misc :
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:55:59 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





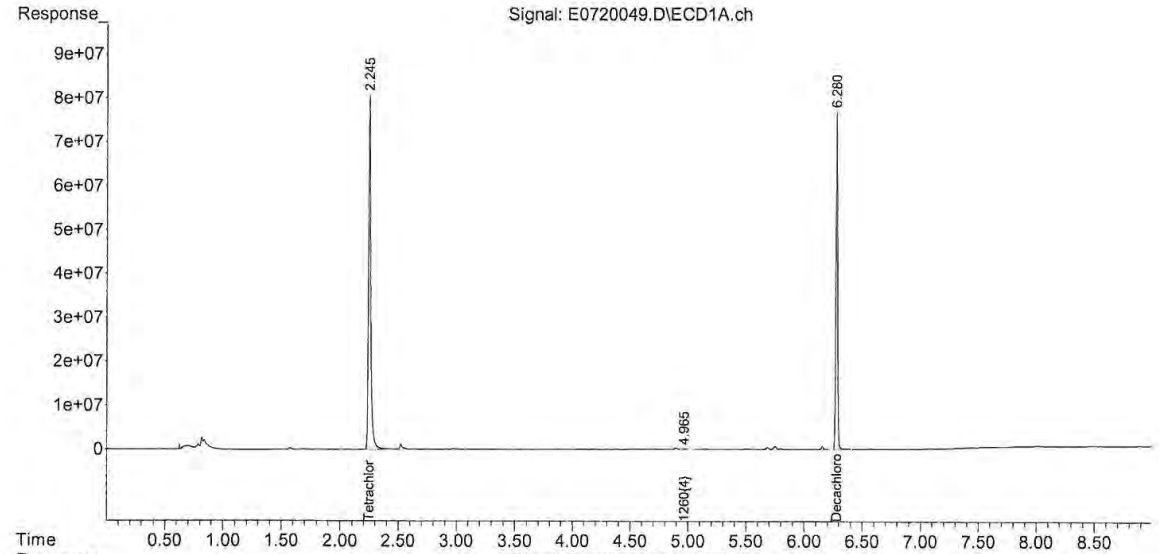
5-1242-071712.M Mon Jul 23 10:49:37 2012

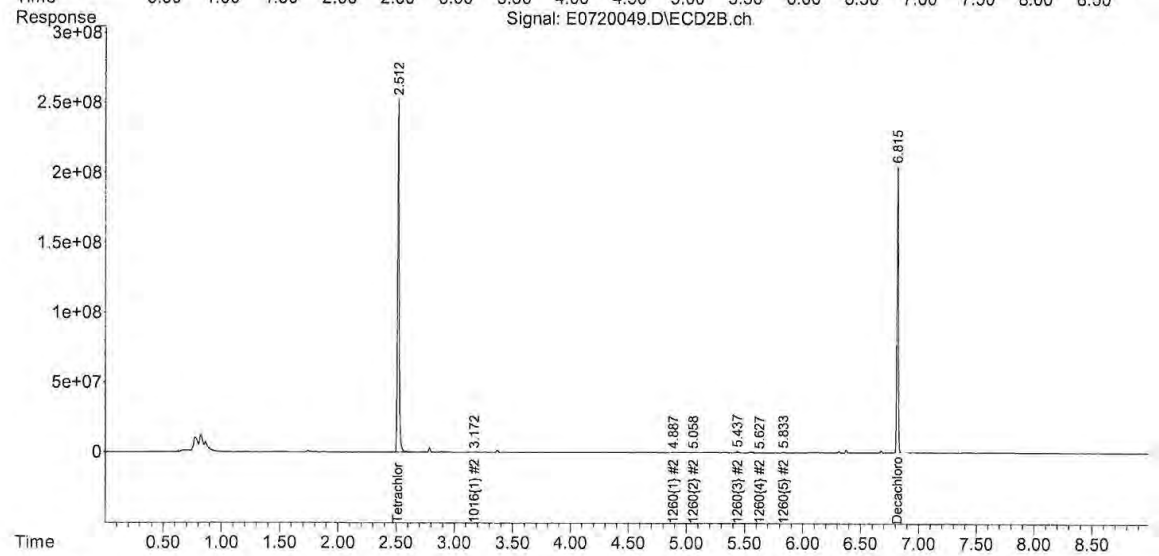
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 10:38 pm
Operator : JMB
Sample : 12G0384-02RE1@5X Inst : ECD 5
Misc :
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:05 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





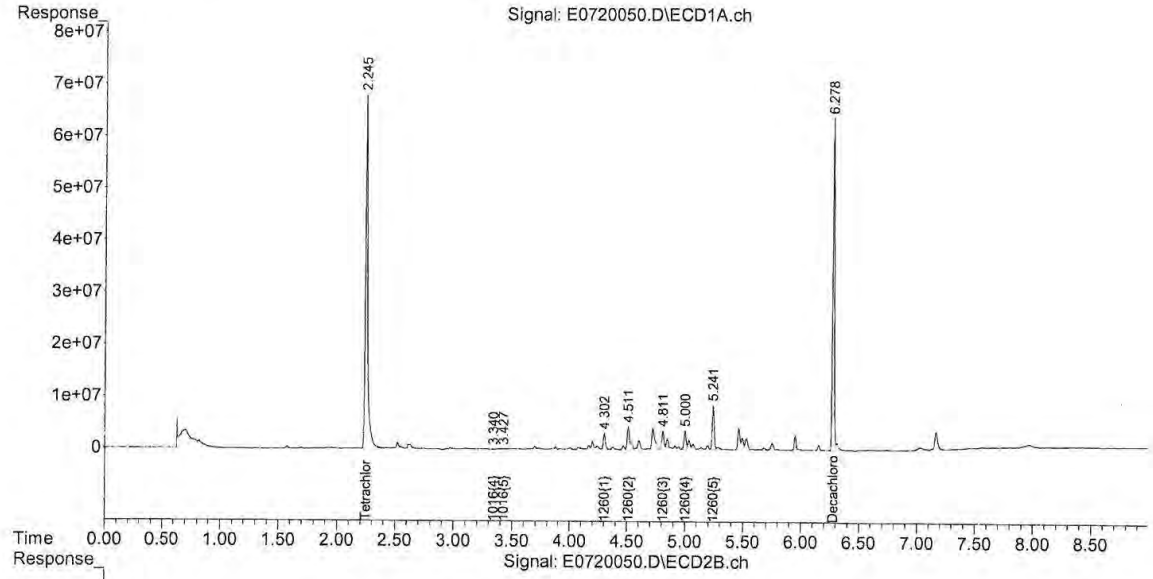
5-1242-071712.M Mon Jul 23 10:49:42 2012

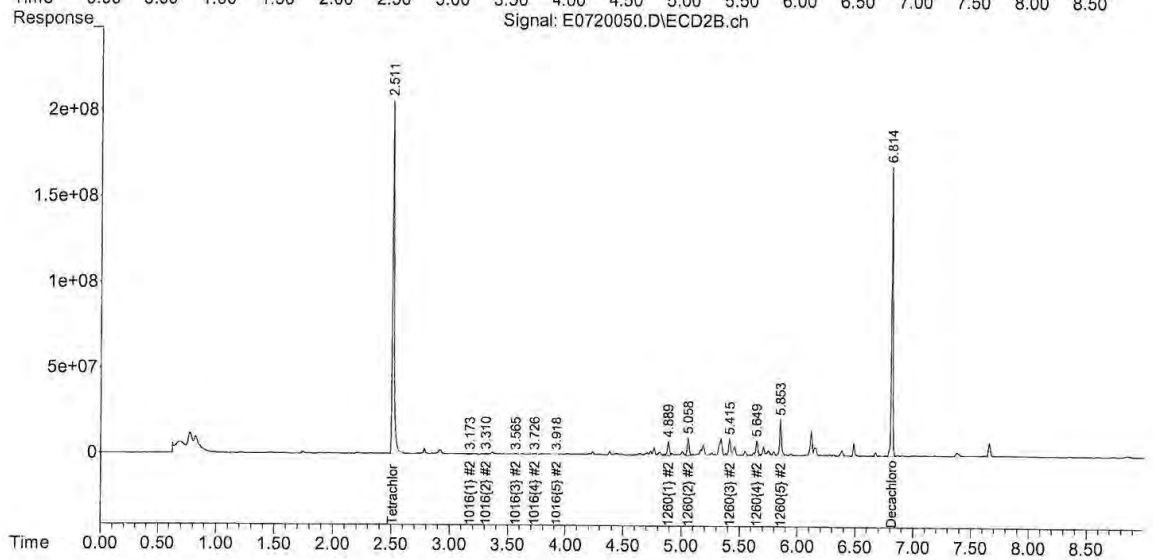
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720050.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 10:51 pm
Operator : JMB
Sample : 12G0384-03RE1@5X Inst : ECD 5
Misc :
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:11 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





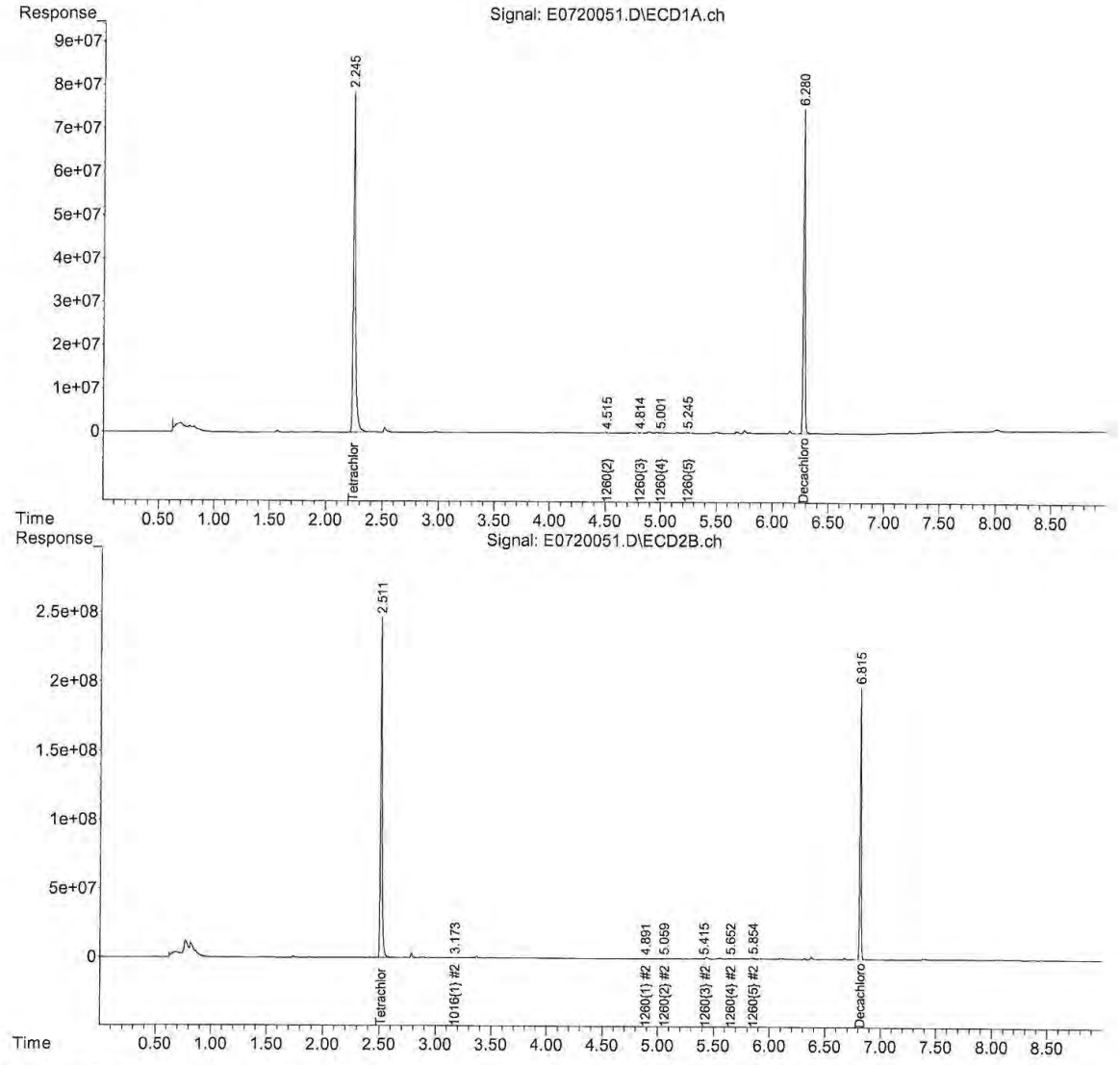
5-1242-071712.M Mon Jul 23 10:49:47 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 11:04 pm
Operator : JMB
Sample : 12G0384-04RE1@5X Inst : ECD 5
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:17 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



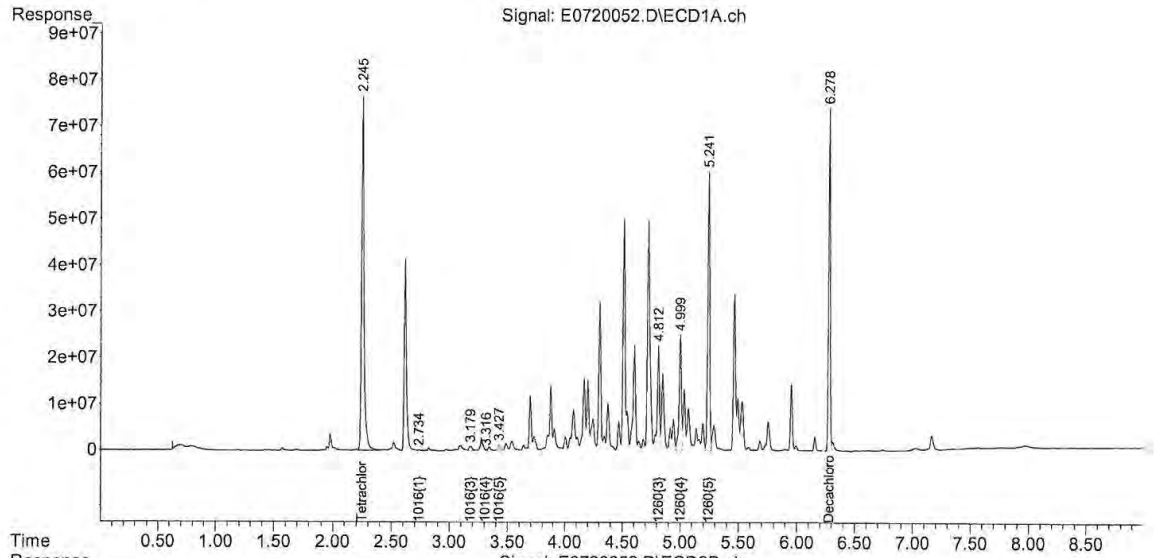
5-1242-071712.M Mon Jul 23 10:49:52 2012

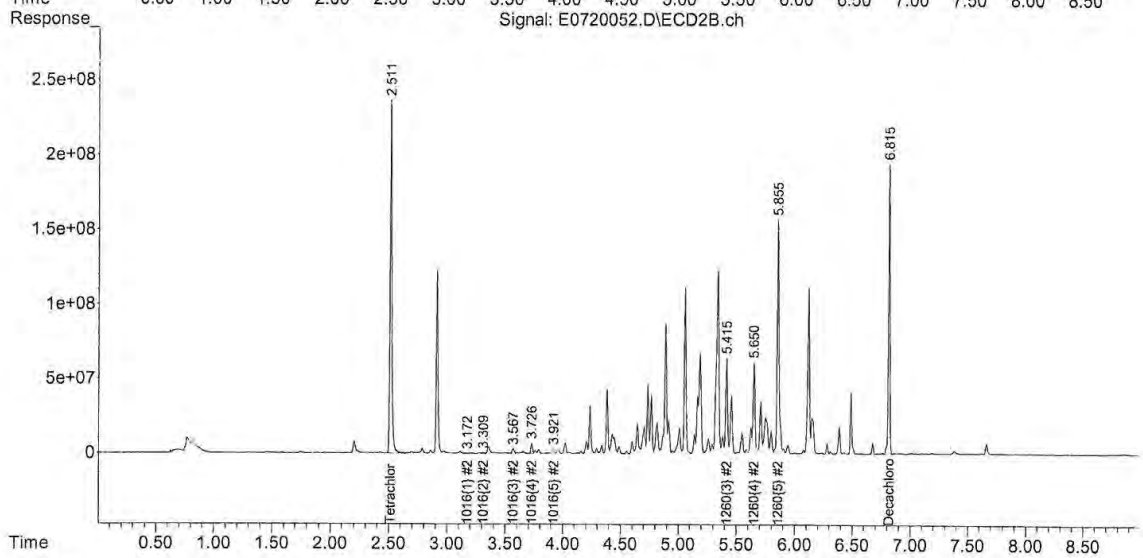
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 11:16 pm
Operator : JMB
Sample : 12G0384-05RE1@5X Inst : ECD 5
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 08:32:05 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





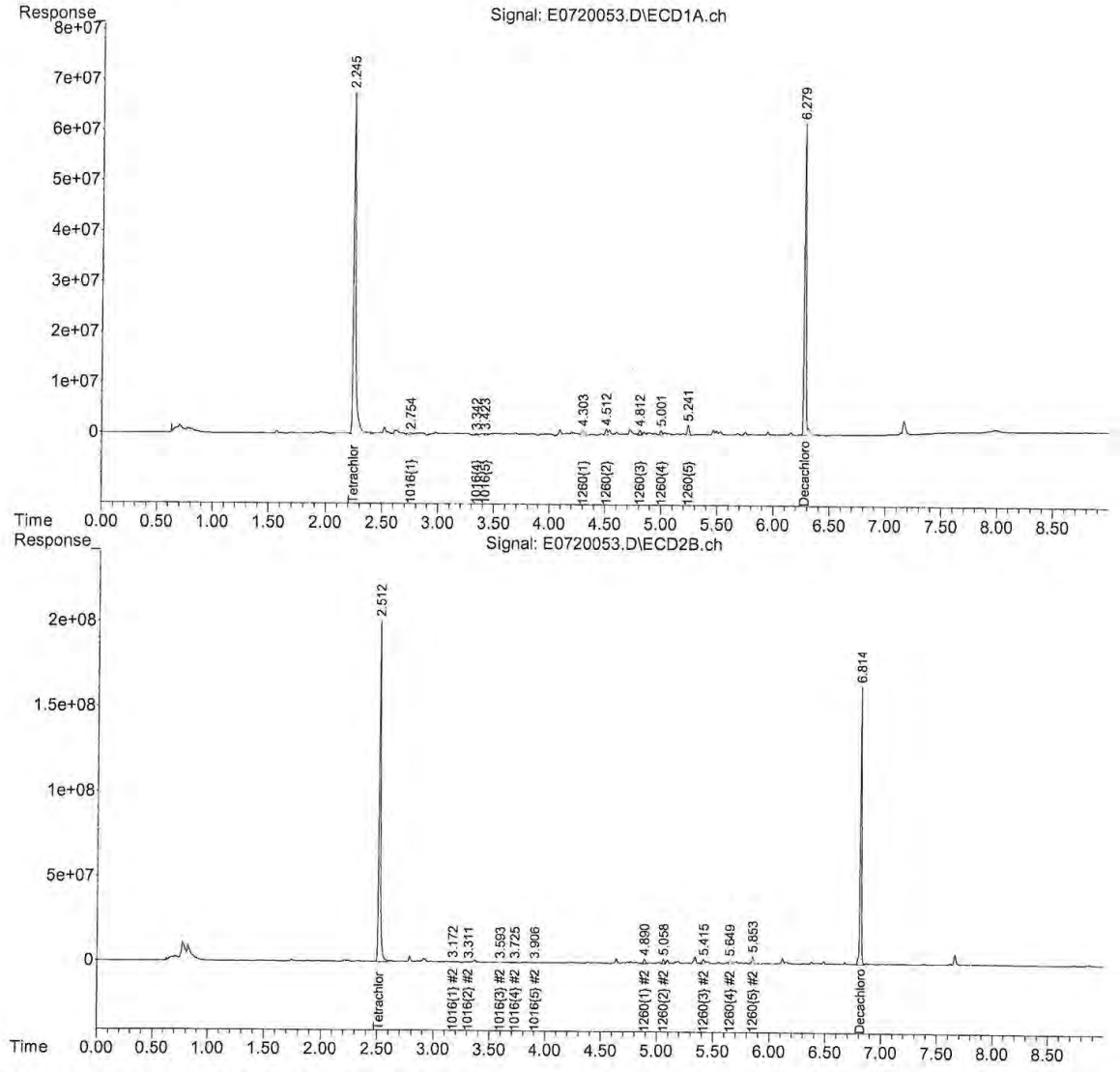
5-1242-071712.M Mon Jul 23 10:49:57 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 11:29 pm
Operator : JMB
Sample : 12G0384-06RE1@5X Inst : ECD 5
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:29 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



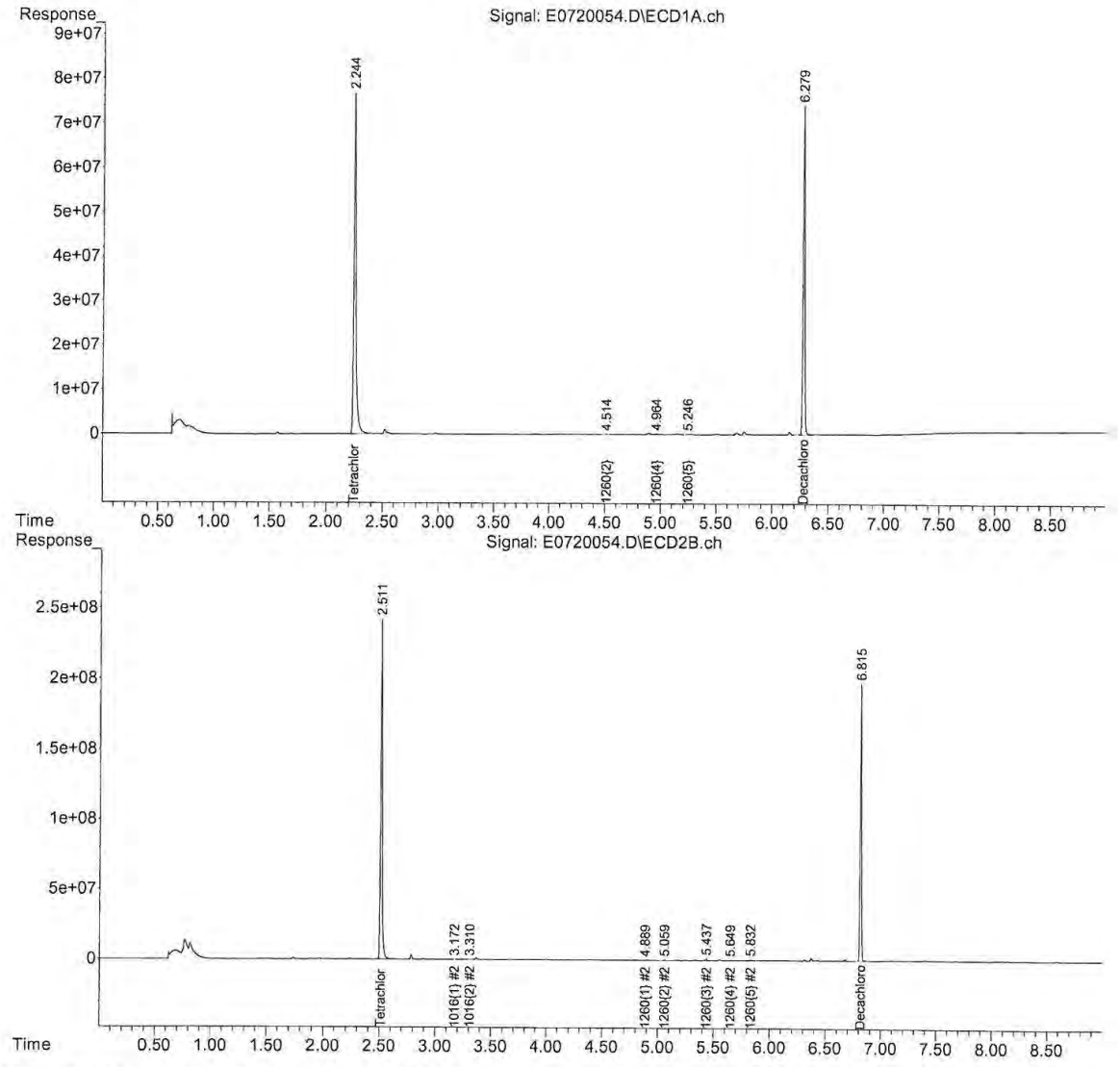
5-1242-071712.M Mon Jul 23 10:50:02 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 11:42 pm
Operator : JMB
Sample : 12G0384-07RE1@5X Inst : ECD 5
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:35 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



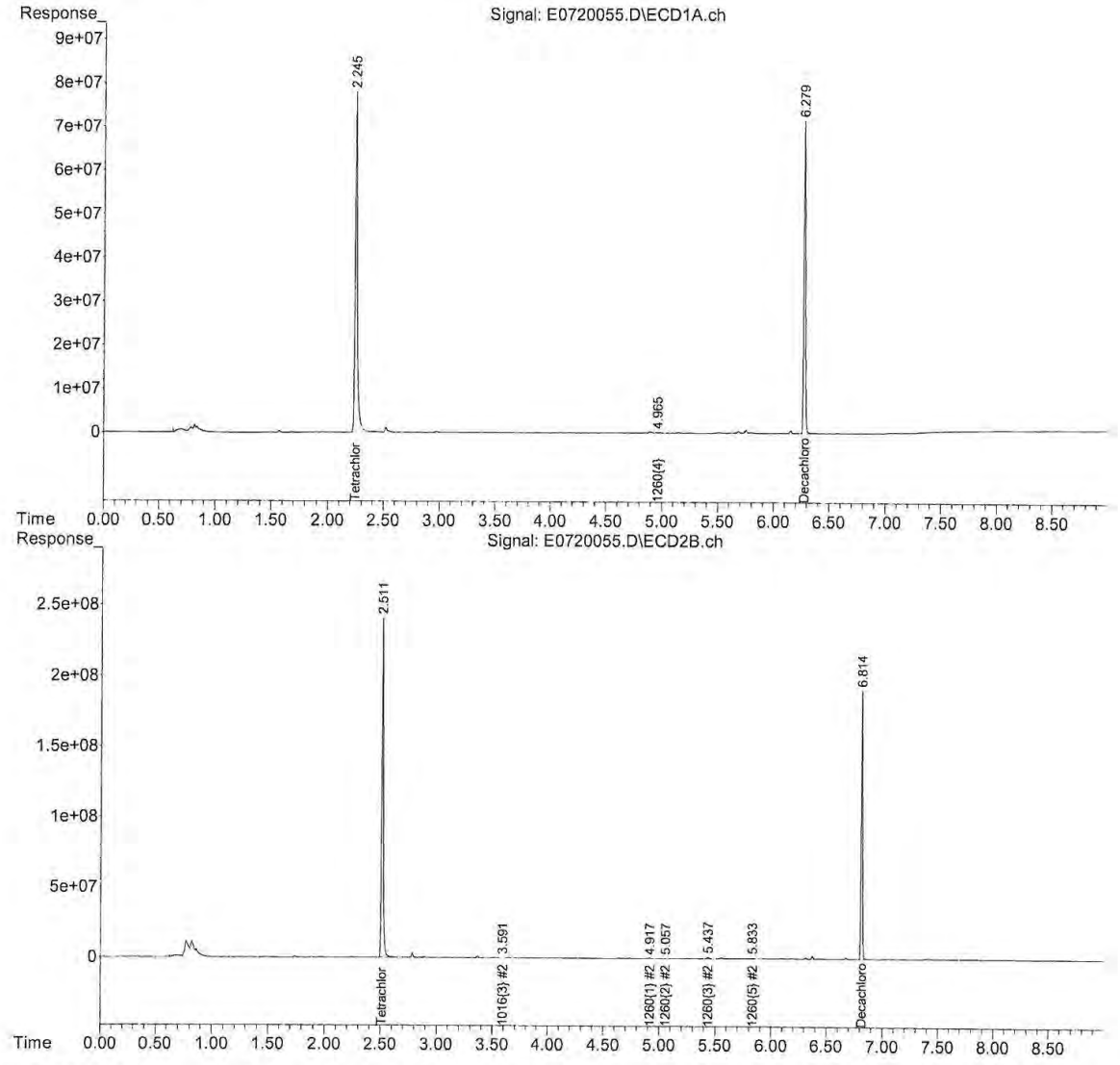
5-1242-071712.M Mon Jul 23 10:50:07 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2012 11:55 pm
Operator : JMB
Sample : 12G0384-08RE1@5X Inst : ECD 5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:41 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



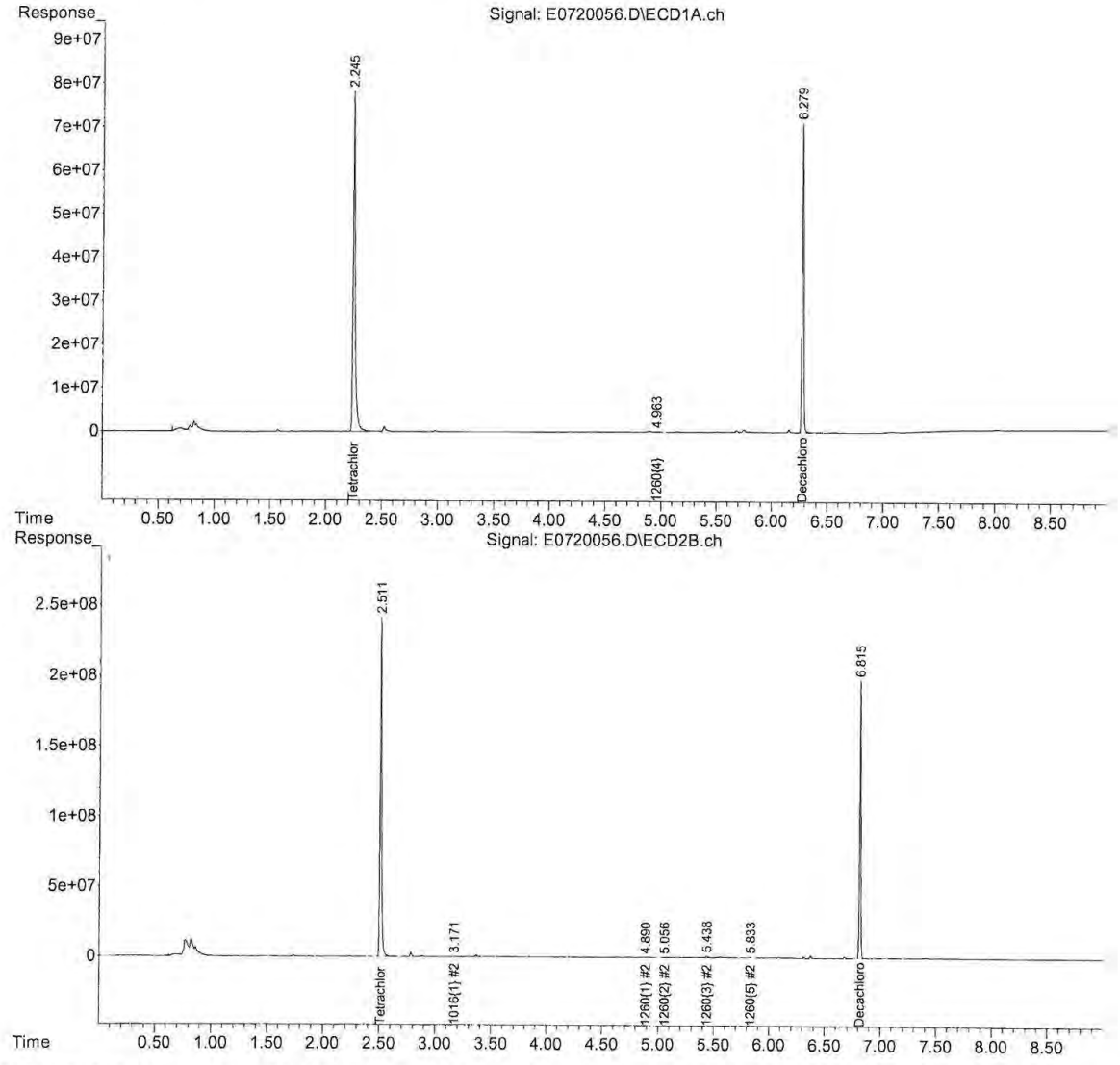
5-1242-071712.M Mon Jul 23 10:50:12 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 12:07 am
Operator : JMB
Sample : 12G0384-09RE1@5X Inst : ECD 5
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:56:47 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



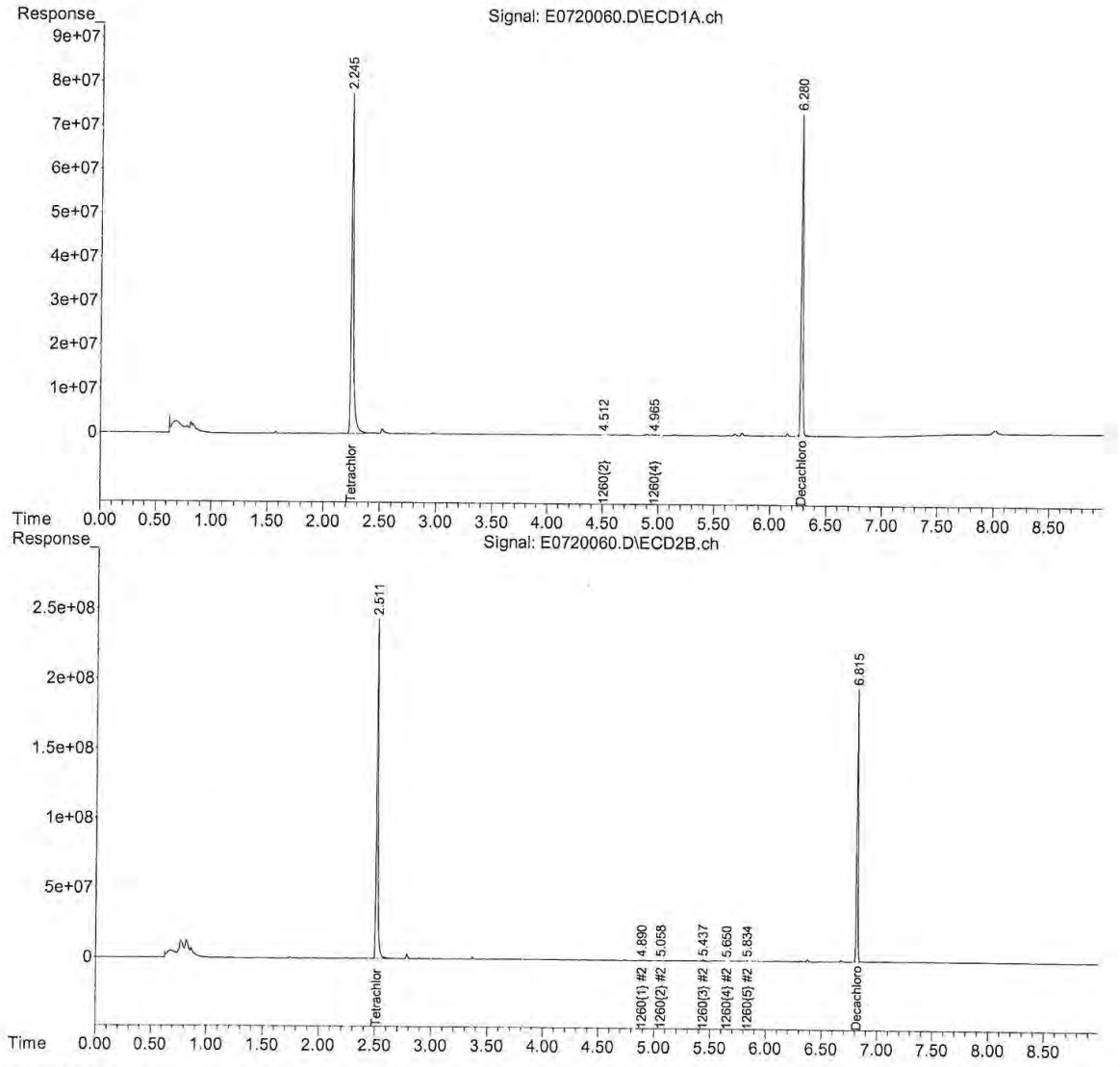
5-1242-071712.M Mon Jul 23 10:50:17 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 12:58 am
Operator : JMB
Sample : 12G0384-11RE1@5X Inst : ECD 5
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:11 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



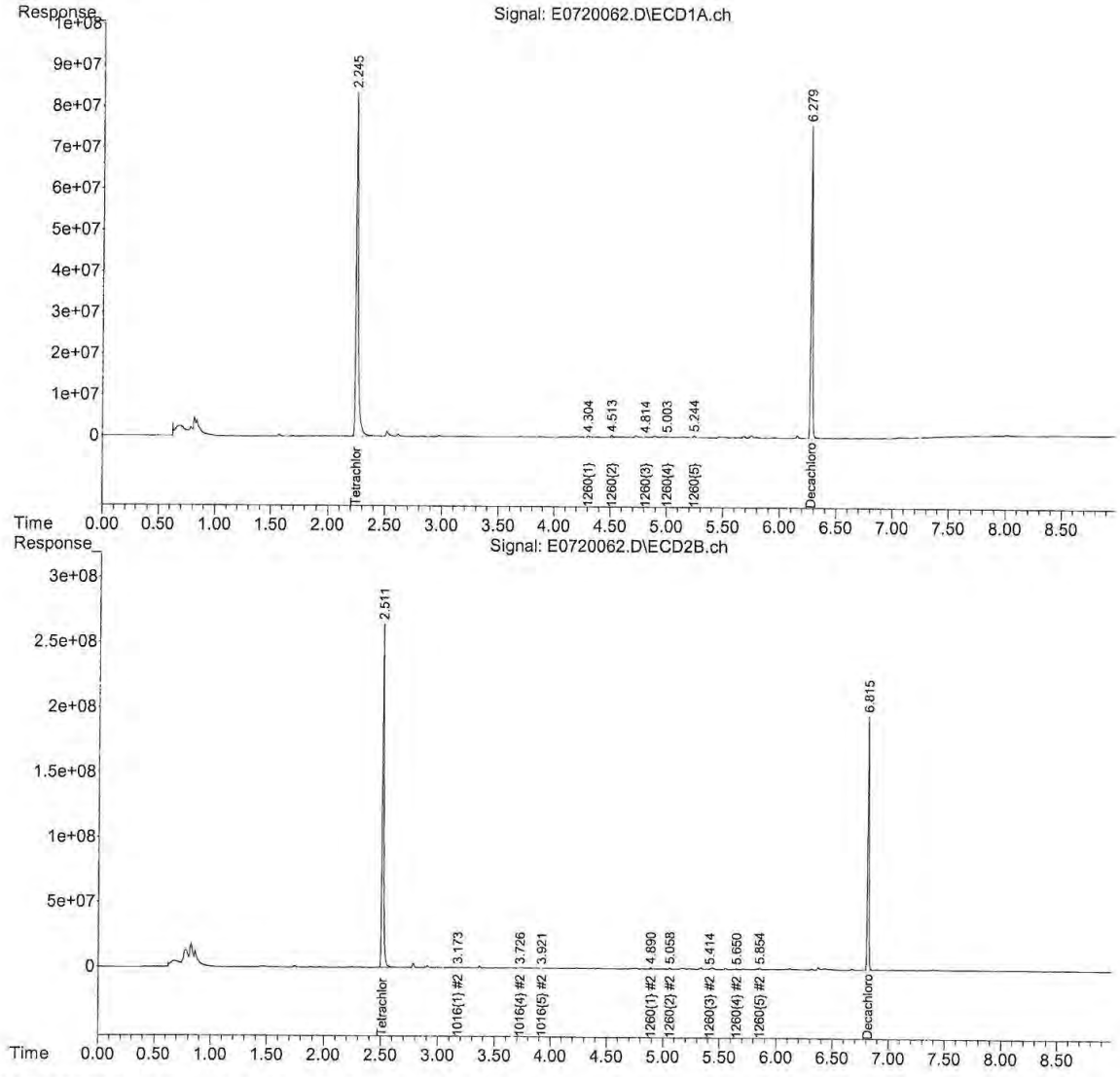
5-1242-071712.M Mon Jul 23 10:50:22 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 1:24 am
Operator : JMB
Sample : 12G0384-13RE1@5X Inst : ECD 5
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:23 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



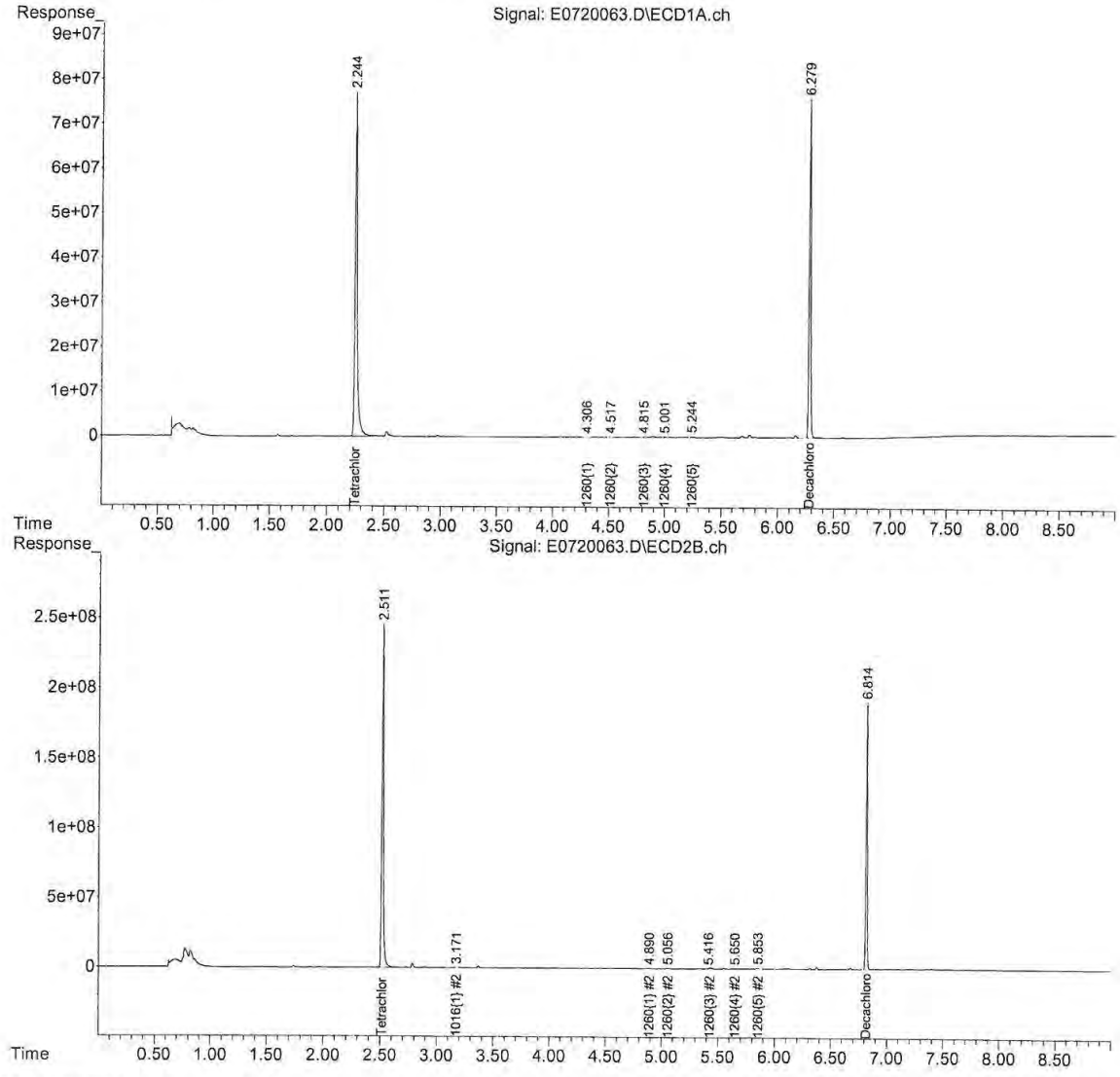
5-1242-071712.M Mon Jul 23 10:50:27 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 1:36 am
Operator : JMB
Sample : 12G0384-14RE1@5X Inst : ECD 5
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:29 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



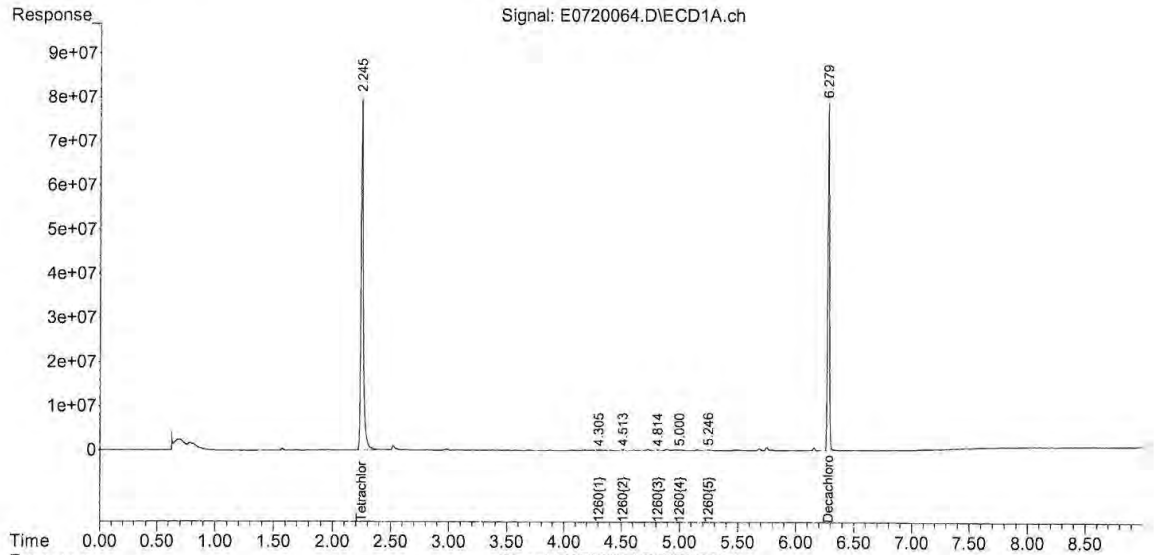
5-1242-071712.M Mon Jul 23 10:50:32 2012

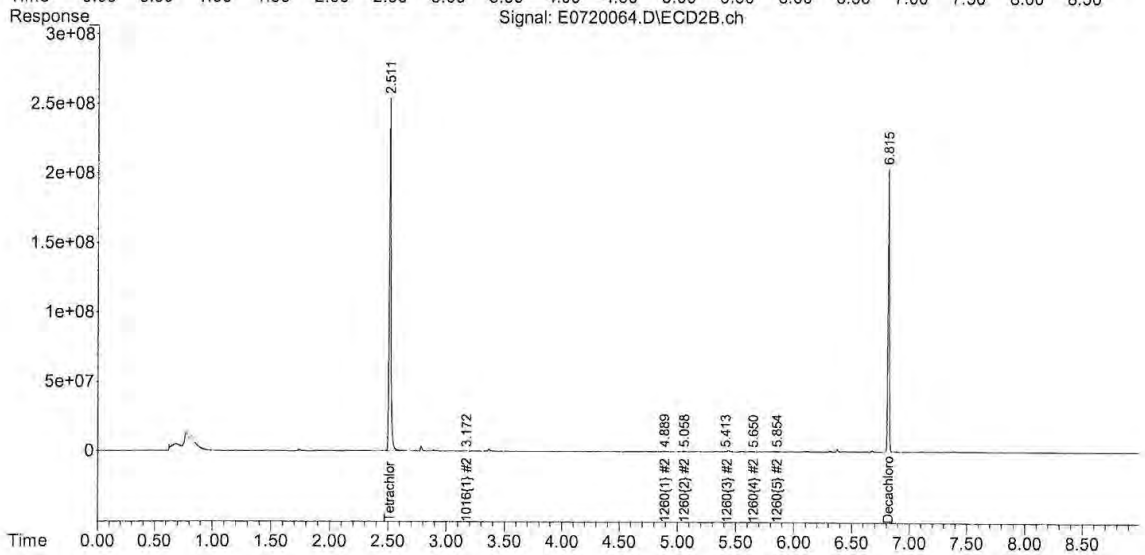
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 1:49 am
Operator : JMB
Sample : 12G0384-15RE1@5X Inst : ECD 5
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:35 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



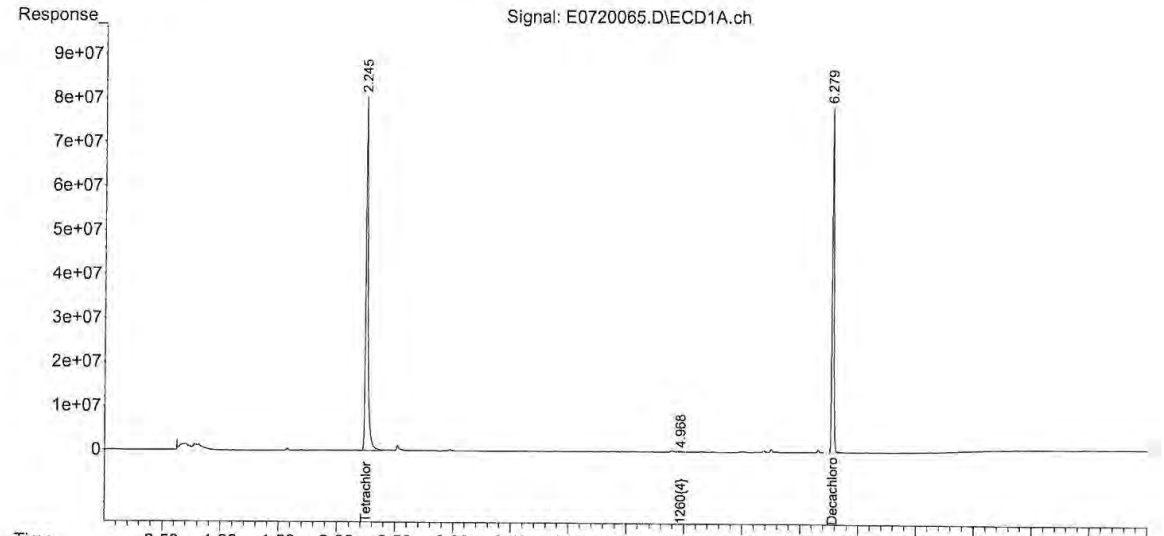


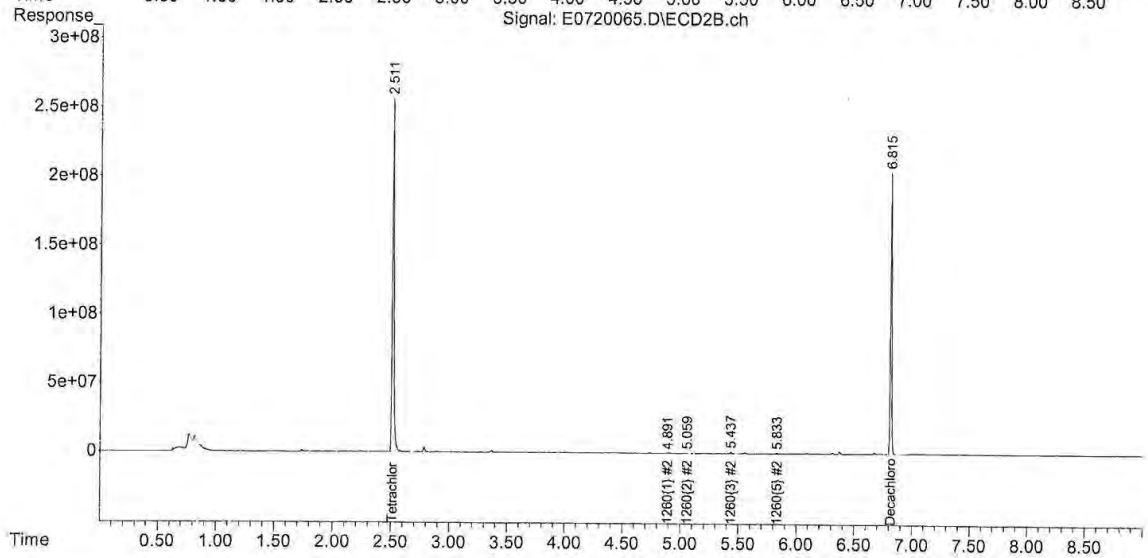
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 2:02 am
Operator : JMB
Sample : 12G0384-16RE1@5X Inst : ECD 5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:41 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





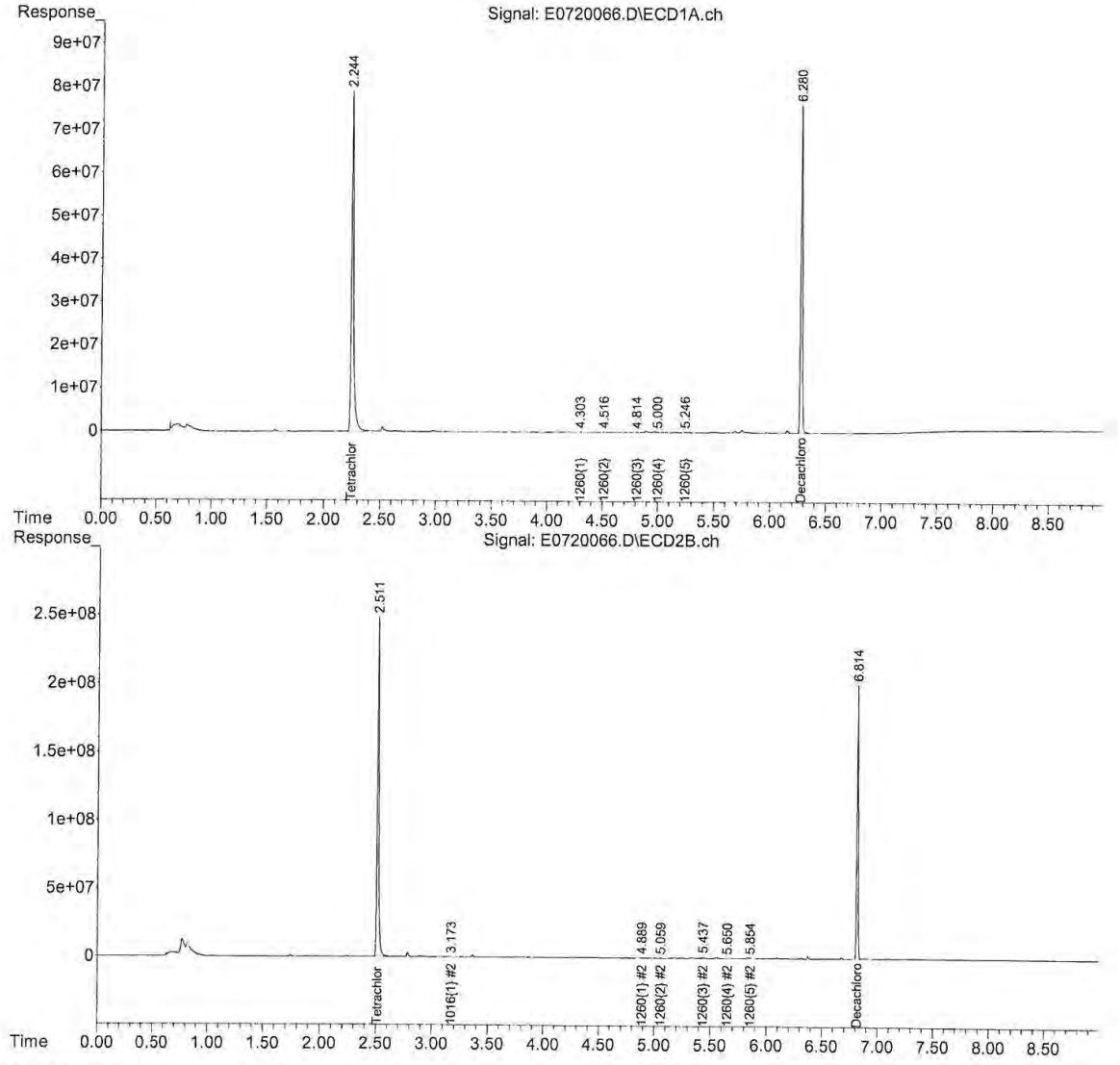
5-1242-071712.M Mon Jul 23 10:50:42 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 2:15 am
Operator : JMB
Sample : 12G0384-18RE1@5X Inst : ECD 5
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:47 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



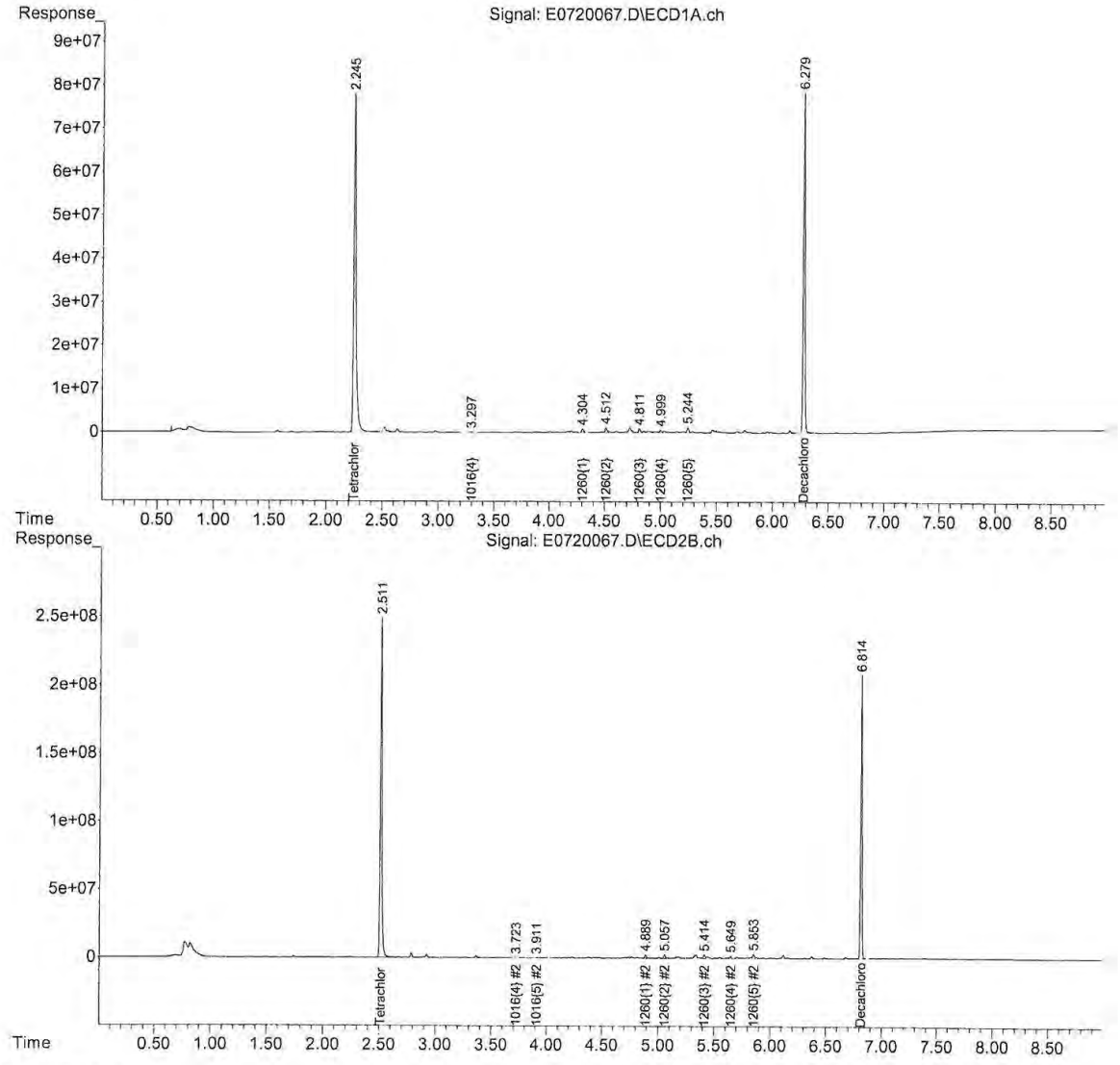
5-1242-071712.M Mon Jul 23 10:50:47 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 2:27 am
Operator : JMB
Sample : 12G0384-19RE1@5X Inst : ECD 5
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:53 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



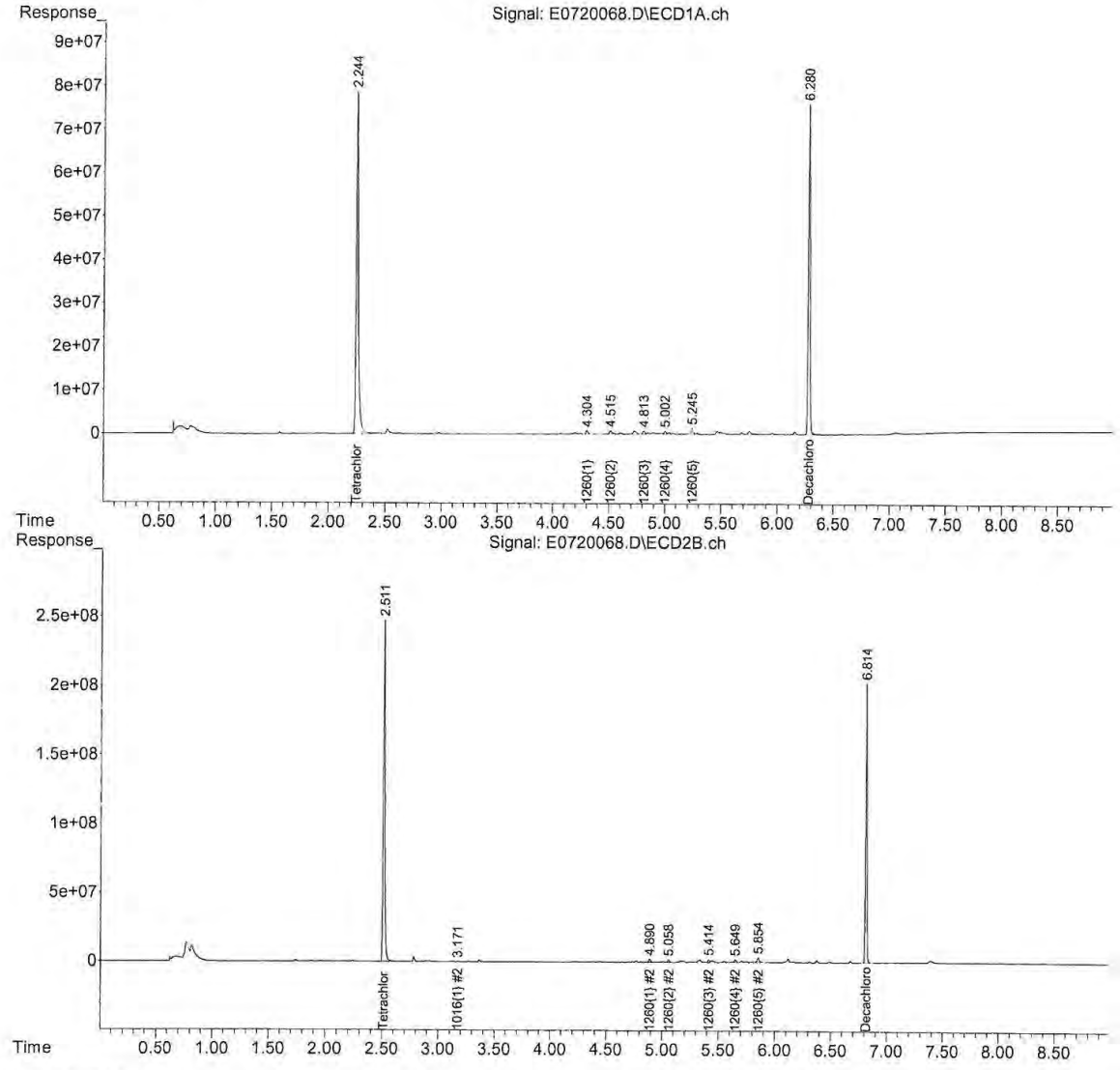
5-1242-071712.M Mon Jul 23 10:50:52 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 2:40 am
Operator : JMB
Sample : 12G0384-20RE1@5X Inst : ECD 5
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 21 07:57:59 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-071712.M
Quant Title : 1260/1016 07/13/12 05/10/12
QLast Update : Fri Jul 13 18:57:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



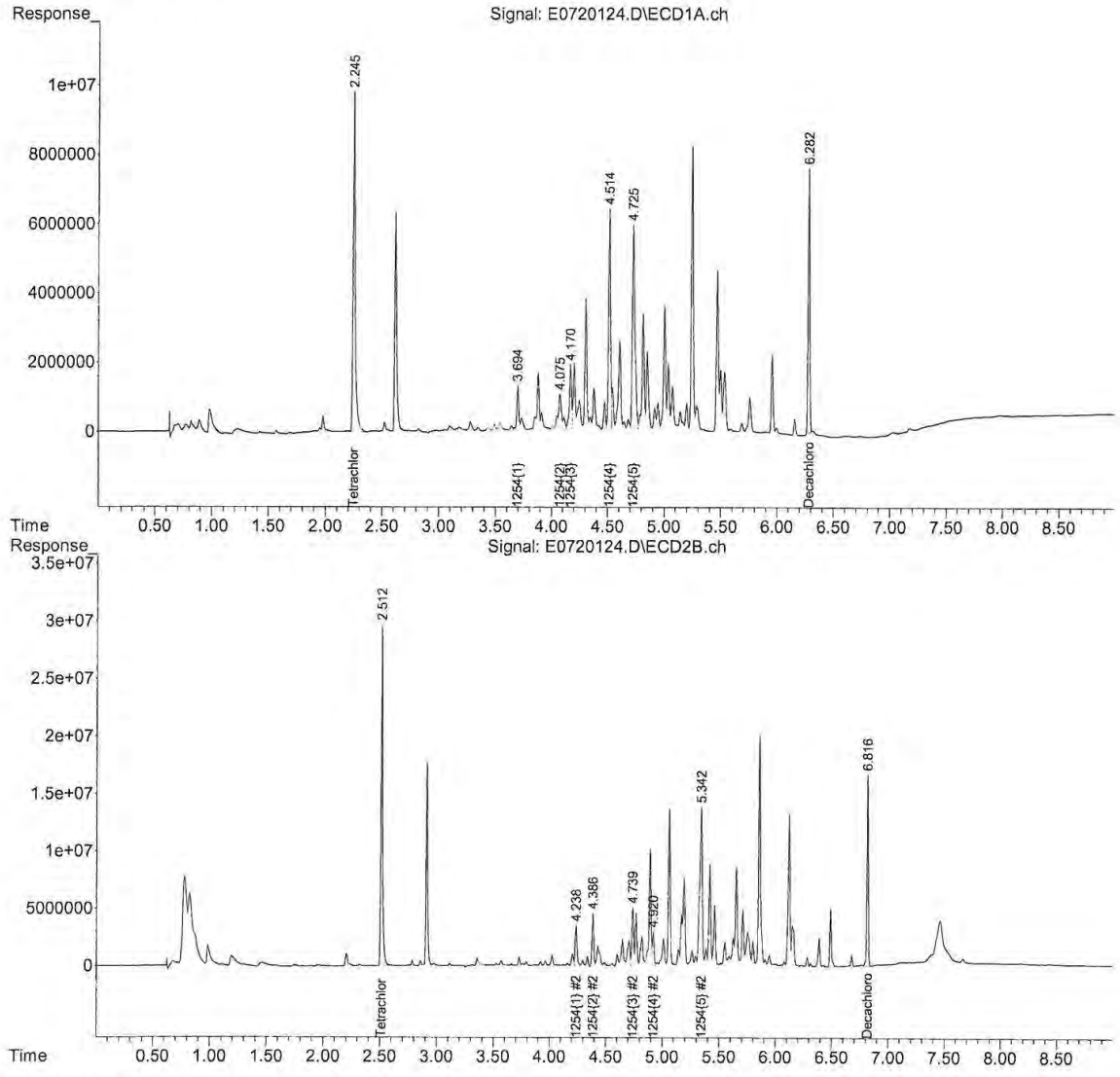
5-1242-071712.M Mon Jul 23 10:50:57 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\072012\
Data File : E0720124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2012 2:34 pm
Operator : JMB
Sample : 12G0384-12RE1@50X Inst : ECD 5
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1242-back.E
Quant Time: Jul 23 08:17:10 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-071712.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Fri Jul 13 19:03:42 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



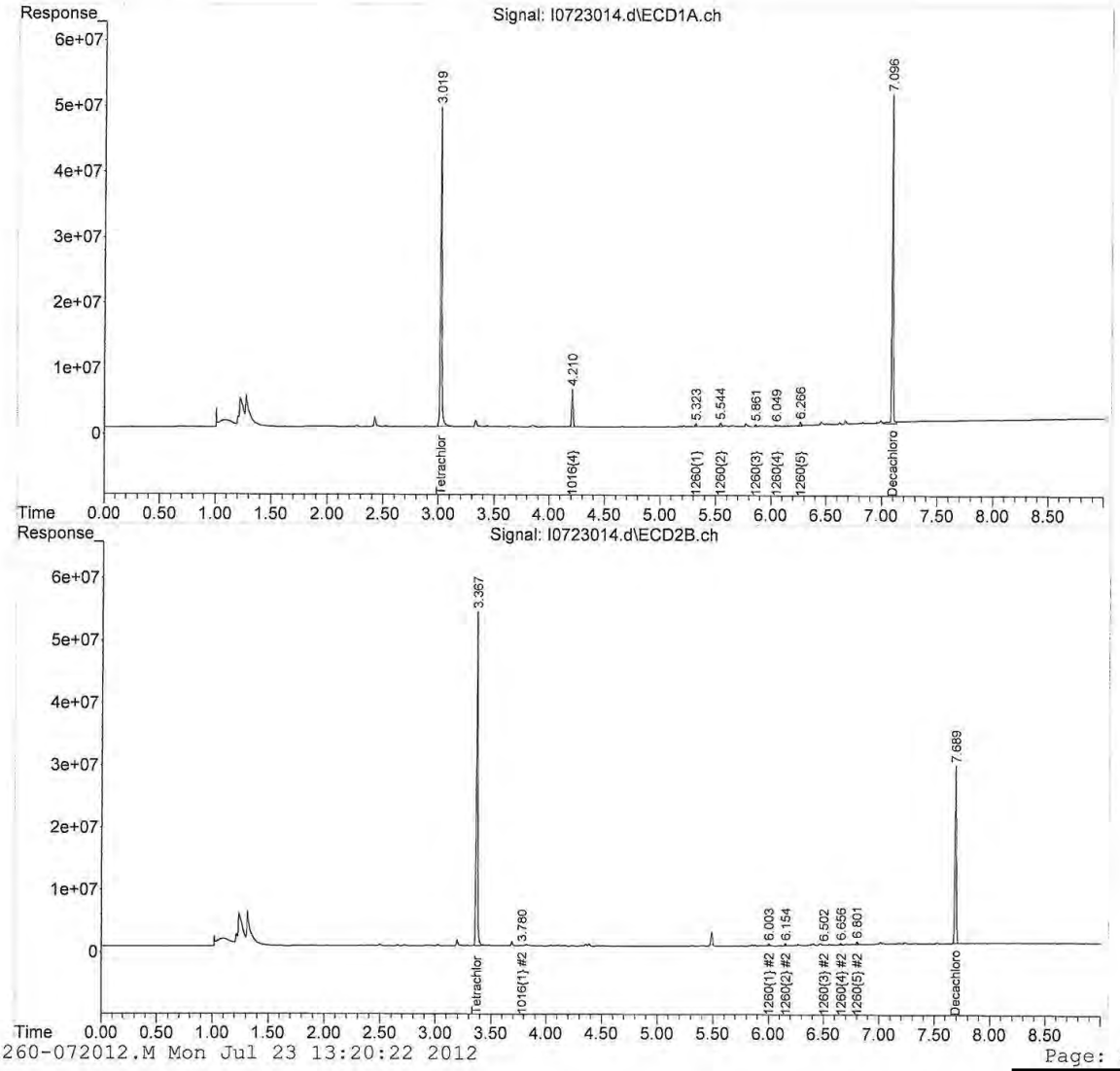
5-1242-071712.M Mon Jul 23 10:51:36 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\072312\
Data File : I0723014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2012 11:42 am
Operator : JMB
Sample : 12G0384-17RE1@5X Inst : ECD 9
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Jul 23 13:20:22 2012
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-072012.M
Quant Title : 1260/1016 07/19/12 05/10/12
QLast Update : Sat Jul 21 09:47:14 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond (Berlin, CT)

Project Number: 12G0384

Laboratory Sample ID(s):
12G0384-01 thru 12G0384-29

Sample Date(s):
06/28/2012

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☐ Yes ☑ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Manager

Printed Name: Daren J. Damboragian **Date:** 07/23/12

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 11, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond (Berlin, CT)
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0087

Enclosed are results of analyses for samples received by the laboratory on July 3, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/11/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0087

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond (Berlin, CT)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B51-4 6.0-6.5	12G0087-01	Soil		SM 2540G	
				SW-846 8082A	
B51-5 8.0-8.5	12G0087-02	Soil		SM 2540G	
				SW-846 8082A	
B55-1 0.0-0.5	12G0087-03	Soil		SM 2540G	
				SW-846 8082A	
B55-2 2.0-2.5	12G0087-04	Soil		SM 2540G	
				SW-846 8082A	
B55-3 4.0-4.5	12G0087-05	Soil		SM 2540G	
				SW-846 8082A	
B55-4 6.0-6.5	12G0087-06	Soil		SM 2540G	
				SW-846 8082A	
B55-5 8.0-8.5	12G0087-07	Soil		SM 2540G	
				SW-846 8082A	
B63-4 6.0-6.5	12G0087-08	Soil		SM 2540G	
				SW-846 8082A	
B63-5 8.0-8.5	12G0087-09	Soil		SM 2540G	
				SW-846 8082A	
B64-1 0.0-0.5	12G0087-10	Soil		SM 2540G	
				SW-846 8082A	
B64-2 2.0-2.5	12G0087-11	Soil		SM 2540G	
				SW-846 8082A	
B64-3 4.0-4.5	12G0087-12	Soil		SM 2540G	
				SW-846 8082A	
B64-4 6.0-6.5	12G0087-13	Soil		SM 2540G	
				SW-846 8082A	
B64-5 8.0-8.5	12G0087-14	Soil		SM 2540G	
				SW-846 8082A	
B65-1 0.0-0.5	12G0087-15	Soil		SM 2540G	
				SW-846 8082A	
B65-2 2.0-2.5	12G0087-16	Soil		SM 2540G	
				SW-846 8082A	
B65-3 4.0-4.5	12G0087-17	Soil		SM 2540G	
				SW-846 8082A	
B65-4 6.0-6.5	12G0087-18	Soil		SM 2540G	
				SW-846 8082A	
B65-5 8.0-8.5	12G0087-19	Soil		SM 2540G	
				SW-846 8082A	
B74-1 6.0-6.5	12G0087-20	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/11/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0087

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond (Berlin, CT)

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B74-5 8.0-8.5	12G0087-21	Soil		SM 2540G	
				SW-846 8082A	
DUP-7	12G0087-22	Soil		SM 2540G	
				SW-846 8082A	
DUP-8	12G0087-23	Soil		SM 2540G	
				SW-846 8082A	
DUP-9	12G0087-24	Soil		SM 2540G	
				SW-846 8082A	
DUP10	12G0087-25	Soil		SM 2540G	
				SW-846 8082A	
DUP-11	12G0087-26	Soil		SM 2540G	
				SW-846 8082A	
DUP-12	12G0087-27	Soil		SM 2540G	
				SW-846 8082A	
DUP-13	12G0087-28	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12G0087-10[B64-1 0.0-0.5], 12G0087-11[B64-2 2.0-2.5], 12G0087-15[B65-1 0.0-0.5]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B51-4 6.0-6.5 Sampled: 6/29/2012 14:26

Sample ID: 12G0087-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:52	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		7/9/12 20:52
Decachlorobiphenyl [2]	102	30-150		7/9/12 20:52
Tetrachloro-m-xylene [1]	97.2	30-150		7/9/12 20:52
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 20:52

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B51-4 6.0-6.5 Sampled: 6/29/2012 14:26

Sample ID: 12G0087-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B51-5 8.0-8.5 Sampled: 6/29/2012 14:28

Sample ID: 12G0087-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:05	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	123	30-150		7/9/12 21:05
Decachlorobiphenyl [2]	105	30-150		7/9/12 21:05
Tetrachloro-m-xylene [1]	93.3	30-150		7/9/12 21:05
Tetrachloro-m-xylene [2]	97.5	30-150		7/9/12 21:05

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B51-5 8.0-8.5 Sampled: 6/29/2012 14:28

Sample ID: 12G0087-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-1 0.0-0.5 Sampled: 7/2/2012 10:12

Sample ID: 12G0087-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1221 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1232 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1242 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1248 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1254 [2]	1.5	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1260 [2]	3.3	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1262 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB
Aroclor-1268 [1]	ND	0.58	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 15:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	142	30-150		7/10/12 15:50
Decachlorobiphenyl [2]	122	30-150		7/10/12 15:50
Tetrachloro-m-xylene [1]	106	30-150		7/10/12 15:50
Tetrachloro-m-xylene [2]	116	30-150		7/10/12 15:50

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-1 0.0-0.5 Sampled: 7/2/2012 10:12

Sample ID: 12G0087-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-2 2.0-2.5 Sampled: 7/2/2012 10:14

Sample ID: 12G0087-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		7/9/12 21:31
Decachlorobiphenyl [2]	108	30-150		7/9/12 21:31
Tetrachloro-m-xylene [1]	103	30-150		7/9/12 21:31
Tetrachloro-m-xylene [2]	107	30-150		7/9/12 21:31

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-2 2.0-2.5 Sampled: 7/2/2012 10:14

Sample ID: 12G0087-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.0		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-3 4.0-4.5 Sampled: 7/2/2012 10:16

Sample ID: 12G0087-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	138	30-150		7/9/12 21:44
Decachlorobiphenyl [2]	113	30-150		7/9/12 21:44
Tetrachloro-m-xylene [1]	110	30-150		7/9/12 21:44
Tetrachloro-m-xylene [2]	115	30-150		7/9/12 21:44

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-3 4.0-4.5 Sampled: 7/2/2012 10:16

Sample ID: 12G0087-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-4 6.0-6.5 Sampled: 7/2/2012 10:18

Sample ID: 12G0087-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	126	30-150		7/9/12 21:57
Decachlorobiphenyl [2]	106	30-150		7/9/12 21:57
Tetrachloro-m-xylene [1]	101	30-150		7/9/12 21:57
Tetrachloro-m-xylene [2]	106	30-150		7/9/12 21:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-4 6.0-6.5 Sampled: 7/2/2012 10:18

Sample ID: 12G0087-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-5 8.0-8.5 Sampled: 7/2/2012 10:20

Sample ID: 12G0087-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		7/9/12 22:10
Decachlorobiphenyl [2]	101	30-150		7/9/12 22:10
Tetrachloro-m-xylene [1]	96.6	30-150		7/9/12 22:10
Tetrachloro-m-xylene [2]	101	30-150		7/9/12 22:10

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B55-5 8.0-8.5 Sampled: 7/2/2012 10:20

Sample ID: 12G0087-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B63-4 6.0-6.5 Sampled: 6/29/2012 12:36

Sample ID: 12G0087-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	130	30-150		7/9/12 22:23
Decachlorobiphenyl [2]	110	30-150		7/9/12 22:23
Tetrachloro-m-xylene [1]	100	30-150		7/9/12 22:23
Tetrachloro-m-xylene [2]	105	30-150		7/9/12 22:23

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B63-4 6.0-6.5 Sampled: 6/29/2012 12:36

Sample ID: 12G0087-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B63-5 8.0-8.5 Sampled: 6/29/2012 12:38

Sample ID: 12G0087-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 22:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	126	30-150		7/9/12 22:35
Decachlorobiphenyl [2]	105	30-150		7/9/12 22:35
Tetrachloro-m-xylene [1]	95.1	30-150		7/9/12 22:35
Tetrachloro-m-xylene [2]	99.5	30-150		7/9/12 22:35

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B63-5 8.0-8.5 Sampled: 6/29/2012 12:38

Sample ID: 12G0087-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-1 0.0-0.5 Sampled: 6/29/2012 13:50

Sample ID: 12G0087-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1221 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1232 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1242 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1248 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1254 [2]	1.9	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1260 [1]	4.2	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1262 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB
Aroclor-1268 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:03	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 16:03
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 16:03
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 16:03
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 16:03

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-1 0.0-0.5 Sampled: 6/29/2012 13:50

Sample ID: 12G0087-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-2 2.0-2.5 Sampled: 6/29/2012 13:52

Sample ID: 12G0087-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1221 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1232 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1242 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1248 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1254 [2]	2.4	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1260 [1]	4.3	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1262 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB
Aroclor-1268 [1]	ND	0.60	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:16	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 16:16
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 16:16
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 16:16
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 16:16

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-2 2.0-2.5 Sampled: 6/29/2012 13:52

Sample ID: 12G0087-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-3 4.0-4.5 Sampled: 6/29/2012 13:54

Sample ID: 12G0087-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1254 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1260 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	131	30-150		7/9/12 23:40
Decachlorobiphenyl [2]	110	30-150		7/9/12 23:40
Tetrachloro-m-xylene [1]	106	30-150		7/9/12 23:40
Tetrachloro-m-xylene [2]	111	30-150		7/9/12 23:40

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-3 4.0-4.5 Sampled: 6/29/2012 13:54

Sample ID: 12G0087-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.1		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-4 6.0-6.5 Sampled: 6/29/2012 13:56

Sample ID: 12G0087-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 23:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	126	30-150		7/9/12 23:53
Decachlorobiphenyl [2]	106	30-150		7/9/12 23:53
Tetrachloro-m-xylene [1]	104	30-150		7/9/12 23:53
Tetrachloro-m-xylene [2]	108	30-150		7/9/12 23:53

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-4 6.0-6.5 Sampled: 6/29/2012 13:56

Sample ID: 12G0087-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-5 8.0-8.5 Sampled: 6/29/2012 13:58

Sample ID: 12G0087-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	127	30-150		7/10/12	0:06
Decachlorobiphenyl [2]	107	30-150		7/10/12	0:06
Tetrachloro-m-xylene [1]	100	30-150		7/10/12	0:06
Tetrachloro-m-xylene [2]	105	30-150		7/10/12	0:06

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B64-5 8.0-8.5 Sampled: 6/29/2012 13:58

Sample ID: 12G0087-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.7		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-1 0.0-0.5 Sampled: 6/29/2012 14:10

Sample ID: 12G0087-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1221 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1232 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1242 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1248 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1254 [2]	1.9	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1260 [2]	3.0	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1262 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB
Aroclor-1268 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 16:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/10/12 16:29
Decachlorobiphenyl [2]	*	30-150	S-01	7/10/12 16:29
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/10/12 16:29
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/10/12 16:29

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-1 0.0-0.5 Sampled: 6/29/2012 14:10

Sample ID: 12G0087-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-2 2.0-2.5 Sampled: 6/29/2012 14:12

Sample ID: 12G0087-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1260 [2]	0.15	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	125	30-150		7/10/12	0:32
Decachlorobiphenyl [2]	105	30-150		7/10/12	0:32
Tetrachloro-m-xylene [1]	101	30-150		7/10/12	0:32
Tetrachloro-m-xylene [2]	106	30-150		7/10/12	0:32

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-2 2.0-2.5 Sampled: 6/29/2012 14:12

Sample ID: 12G0087-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-3 4.0-4.5 Sampled: 6/29/2012 14:14

Sample ID: 12G0087-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	124	30-150		7/10/12	0:45
Decachlorobiphenyl [2]	105	30-150		7/10/12	0:45
Tetrachloro-m-xylene [1]	97.5	30-150		7/10/12	0:45
Tetrachloro-m-xylene [2]	102	30-150		7/10/12	0:45

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-3 4.0-4.5 Sampled: 6/29/2012 14:14

Sample ID: 12G0087-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.7		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-4 6.0-6.5 Sampled: 6/29/2012 14:16

Sample ID: 12G0087-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 0:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag		
Decachlorobiphenyl [1]	132	30-150		7/10/12	0:58
Decachlorobiphenyl [2]	111	30-150		7/10/12	0:58
Tetrachloro-m-xylene [1]	111	30-150		7/10/12	0:58
Tetrachloro-m-xylene [2]	116	30-150		7/10/12	0:58

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-4 6.0-6.5 Sampled: 6/29/2012 14:16

Sample ID: 12G0087-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-5 8.0-8.5 Sampled: 6/29/2012 14:18

Sample ID: 12G0087-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/10/12 1:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	133	30-150		7/10/12 1:11
Decachlorobiphenyl [2]	111	30-150		7/10/12 1:11
Tetrachloro-m-xylene [1]	106	30-150		7/10/12 1:11
Tetrachloro-m-xylene [2]	111	30-150		7/10/12 1:11

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B65-5 8.0-8.5 Sampled: 6/29/2012 14:18

Sample ID: 12G0087-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.0		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B74-1 6.0-6.5 Sampled: 6/29/2012 14:06

Sample ID: 12G0087-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1254 [2]	0.76	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1260 [2]	1.5	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 16:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	129	30-150		7/10/12 16:42
Decachlorobiphenyl [2]	108	30-150		7/10/12 16:42
Tetrachloro-m-xylene [1]	98.6	30-150		7/10/12 16:42
Tetrachloro-m-xylene [2]	104	30-150		7/10/12 16:42

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B74-1 6.0-6.5 Sampled: 6/29/2012 14:06

Sample ID: 12G0087-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B74-5 8.0-8.5 Sampled: 6/29/2012 14:08

Sample ID: 12G0087-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 19:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.7	30-150		7/9/12 19:57
Decachlorobiphenyl [2]	113	30-150		7/9/12 19:57
Tetrachloro-m-xylene [1]	103	30-150		7/9/12 19:57
Tetrachloro-m-xylene [2]	98.0	30-150		7/9/12 19:57

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: B74-5 8.0-8.5 Sampled: 6/29/2012 14:08

Sample ID: 12G0087-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-7 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:09	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 20:09
Decachlorobiphenyl [2]	116	30-150		7/9/12 20:09
Tetrachloro-m-xylene [1]	106	30-150		7/9/12 20:09
Tetrachloro-m-xylene [2]	100	30-150		7/9/12 20:09

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-7 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-8 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1254 [1]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 20:22	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		7/9/12 20:22
Decachlorobiphenyl [2]	117	30-150		7/9/12 20:22
Tetrachloro-m-xylene [1]	107	30-150		7/9/12 20:22
Tetrachloro-m-xylene [2]	102	30-150		7/9/12 20:22

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-8 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.3		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-9 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-24

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1254 [2]	2.1	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1260 [2]	2.8	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	7/6/12	7/10/12 13:22	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	116	30-150		7/10/12 13:22
Decachlorobiphenyl [2]	138	30-150		7/10/12 13:22
Tetrachloro-m-xylene [1]	131	30-150		7/10/12 13:22
Tetrachloro-m-xylene [2]	124	30-150		7/10/12 13:22

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-9 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP10 Sampled: 7/2/2012 00:00

Sample ID: 12G0087-25

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1221 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1232 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1242 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1248 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1254 [1]	2.2	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1260 [2]	3.1	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1262 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC
Aroclor-1268 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	7/6/12	7/10/12 13:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		7/10/12 13:35
Decachlorobiphenyl [2]	127	30-150		7/10/12 13:35
Tetrachloro-m-xylene [1]	120	30-150		7/10/12 13:35
Tetrachloro-m-xylene [2]	115	30-150		7/10/12 13:35

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP10 Sampled: 7/2/2012 00:00

Sample ID: 12G0087-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-11 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		7/9/12 21:01
Decachlorobiphenyl [2]	115	30-150		7/9/12 21:01
Tetrachloro-m-xylene [1]	113	30-150		7/9/12 21:01
Tetrachloro-m-xylene [2]	108	30-150		7/9/12 21:01

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-11 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-12 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1221 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1232 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1242 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1248 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1254 [2]	1.2	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1260 [2]	2.2	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1262 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC
Aroclor-1268 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	7/6/12	7/10/12 13:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		7/10/12 13:48
Decachlorobiphenyl [2]	133	30-150		7/10/12 13:48
Tetrachloro-m-xylene [1]	126	30-150		7/10/12 13:48
Tetrachloro-m-xylene [2]	123	30-150		7/10/12 13:48

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-12 Sampled: 6/29/2012 00:00

Sample ID: 12G0087-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-13 Sampled: 7/2/2012 00:00

Sample ID: 12G0087-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/6/12	7/9/12 21:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.5	30-150		7/9/12 21:26
Decachlorobiphenyl [2]	102	30-150		7/9/12 21:26
Tetrachloro-m-xylene [1]	93.6	30-150		7/9/12 21:26
Tetrachloro-m-xylene [2]	90.0	30-150		7/9/12 21:26

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Project Location: Berlin Settling Pond (Berlin, CT) Sample Description: Work Order: 12G0087

Date Received: 7/3/2012

Field Sample #: DUP-13 Sampled: 7/2/2012 00:00

Sample ID: 12G0087-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	7/11/12	7/11/12 16:44	WAL

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0087-01 [B51-4 6.0-6.5]	B054848	07/11/12
12G0087-02 [B51-5 8.0-8.5]	B054848	07/11/12
12G0087-03 [B55-1 0.0-0.5]	B054848	07/11/12
12G0087-04 [B55-2 2.0-2.5]	B054848	07/11/12
12G0087-05 [B55-3 4.0-4.5]	B054848	07/11/12
12G0087-06 [B55-4 6.0-6.5]	B054848	07/11/12
12G0087-07 [B55-5 8.0-8.5]	B054848	07/11/12
12G0087-08 [B63-4 6.0-6.5]	B054848	07/11/12
12G0087-09 [B63-5 8.0-8.5]	B054848	07/11/12
12G0087-10 [B64-1 0.0-0.5]	B054848	07/11/12
12G0087-11 [B64-2 2.0-2.5]	B054848	07/11/12
12G0087-12 [B64-3 4.0-4.5]	B054848	07/11/12
12G0087-13 [B64-4 6.0-6.5]	B054848	07/11/12
12G0087-14 [B64-5 8.0-8.5]	B054848	07/11/12
12G0087-15 [B65-1 0.0-0.5]	B054848	07/11/12
12G0087-16 [B65-2 2.0-2.5]	B054848	07/11/12
12G0087-17 [B65-3 4.0-4.5]	B054848	07/11/12
12G0087-18 [B65-4 6.0-6.5]	B054848	07/11/12
12G0087-19 [B65-5 8.0-8.5]	B054848	07/11/12
12G0087-20 [B74-1 6.0-6.5]	B054848	07/11/12
12G0087-21 [B74-5 8.0-8.5]	B054848	07/11/12
12G0087-22 [DUP-7]	B054848	07/11/12
12G0087-23 [DUP-8]	B054848	07/11/12
12G0087-24 [DUP-9]	B054848	07/11/12
12G0087-25 [DUP10]	B054848	07/11/12
12G0087-26 [DUP-11]	B054848	07/11/12
12G0087-27 [DUP-12]	B054848	07/11/12
12G0087-28 [DUP-13]	B054848	07/11/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0087-21 [B74-5 8.0-8.5]	B054618	10.2	10.0	07/06/12
12G0087-22 [DUP-7]	B054618	10.2	10.0	07/06/12
12G0087-23 [DUP-8]	B054618	10.1	10.0	07/06/12
12G0087-24 [DUP-9]	B054618	10.0	10.0	07/06/12
12G0087-25 [DUP10]	B054618	10.2	10.0	07/06/12
12G0087-26 [DUP-11]	B054618	10.1	10.0	07/06/12
12G0087-27 [DUP-12]	B054618	10.2	10.0	07/06/12
12G0087-28 [DUP-13]	B054618	10.1	10.0	07/06/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0087-01 [B51-4 6.0-6.5]	B054632	10.0	10.0	07/06/12
12G0087-02 [B51-5 8.0-8.5]	B054632	10.1	10.0	07/06/12
12G0087-03 [B55-1 0.0-0.5]	B054632	10.0	10.0	07/06/12
12G0087-04 [B55-2 2.0-2.5]	B054632	10.0	10.0	07/06/12
12G0087-05 [B55-3 4.0-4.5]	B054632	10.1	10.0	07/06/12
12G0087-06 [B55-4 6.0-6.5]	B054632	10.2	10.0	07/06/12
12G0087-07 [B55-5 8.0-8.5]	B054632	10.2	10.0	07/06/12
12G0087-08 [B63-4 6.0-6.5]	B054632	10.1	10.0	07/06/12
12G0087-09 [B63-5 8.0-8.5]	B054632	10.3	10.0	07/06/12

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0087-10 [B64-1 0.0-0.5]	B054632	10.1	10.0	07/06/12
12G0087-11 [B64-2 2.0-2.5]	B054632	10.2	10.0	07/06/12
12G0087-12 [B64-3 4.0-4.5]	B054632	10.1	10.0	07/06/12
12G0087-13 [B64-4 6.0-6.5]	B054632	10.0	10.0	07/06/12
12G0087-14 [B64-5 8.0-8.5]	B054632	10.0	10.0	07/06/12
12G0087-15 [B65-1 0.0-0.5]	B054632	10.1	10.0	07/06/12
12G0087-16 [B65-2 2.0-2.5]	B054632	10.1	10.0	07/06/12
12G0087-17 [B65-3 4.0-4.5]	B054632	10.2	10.0	07/06/12
12G0087-18 [B65-4 6.0-6.5]	B054632	10.1	10.0	07/06/12
12G0087-19 [B65-5 8.0-8.5]	B054632	10.3	10.0	07/06/12
12G0087-20 [B74-1 6.0-6.5]	B054632	10.2	10.0	07/06/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054618 - SW-846 3540C										
Blank (B054618-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.237*		mg/Kg wet	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene	*0.228*		mg/Kg wet	0.200		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg wet	0.200		105	30-150			
LCS (B054618-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		131	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140			
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		126	40-140			
Surrogate: Decachlorobiphenyl	*0.220*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.252*		mg/Kg wet	0.200		126	30-150			
Surrogate: Tetrachloro-m-xylene	*0.232*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.214*		mg/Kg wet	0.200		107	30-150			
LCS Dup (B054618-BSD1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		129	40-140	1.34	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		119	40-140	0.987	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		111	40-140	1.40	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg wet	0.200		125	40-140	0.872	30	
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.251*		mg/Kg wet	0.200		126	30-150			
Surrogate: Tetrachloro-m-xylene	*0.231*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054632 - SW-846 3540C										
Blank (B054632-BLK1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.269*		mg/Kg wet	0.200		135	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.225*		mg/Kg wet	0.200		112	30-150			
Surrogate: Tetrachloro-m-xylene	*0.231*		mg/Kg wet	0.200		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.241*		mg/Kg wet	0.200		120	30-150			
LCS (B054632-BS1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.23	0.10	mg/Kg wet	0.200		114	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		121	40-140			
Aroclor-1260	0.23	0.10	mg/Kg wet	0.200		117	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140			
Surrogate: Decachlorobiphenyl	*0.266*		mg/Kg wet	0.200		133	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.227*		mg/Kg wet	0.200		113	30-150			
Surrogate: Tetrachloro-m-xylene	*0.215*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.222*		mg/Kg wet	0.200		111	30-150			
LCS Dup (B054632-BSD1)				Prepared: 07/06/12 Analyzed: 07/09/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		110	40-140	3.52	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg wet	0.200		120	40-140	0.882	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		112	40-140	3.60	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	3.11	30	
Surrogate: Decachlorobiphenyl	*0.254*		mg/Kg wet	0.200		127	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.215*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054632 - SW-846 3540C										
Matrix Spike (B054632-MS1)	**Source: 12G0087-01**			Prepared: 07/06/12 Analyzed: 07/10/12						
Aroclor-1016	0.26	0.11	mg/Kg dry	0.226	0.0	116	40-140			
Aroclor-1016 [2C]	0.28	0.11	mg/Kg dry	0.226	0.0	126	40-140			
Aroclor-1260	0.27	0.11	mg/Kg dry	0.226	0.0	120	40-140			
Aroclor-1260 [2C]	0.27	0.11	mg/Kg dry	0.226	0.0	118	40-140			
Surrogate: Decachlorobiphenyl	*0.295*		mg/Kg dry	0.226		131	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.248*		mg/Kg dry	0.226		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.238*		mg/Kg dry	0.226		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.248*		mg/Kg dry	0.226		110	30-150			
Matrix Spike Dup (B054632-MSD1)	**Source: 12G0087-01**			Prepared: 07/06/12 Analyzed: 07/10/12						
Aroclor-1016	0.25	0.11	mg/Kg dry	0.226	0.0	113	40-140	2.85	50	
Aroclor-1016 [2C]	0.28	0.11	mg/Kg dry	0.226	0.0	122	40-140	3.04	50	
Aroclor-1260	0.28	0.11	mg/Kg dry	0.226	0.0	122	40-140	1.19	50	
Aroclor-1260 [2C]	0.27	0.11	mg/Kg dry	0.226	0.0	120	40-140	1.22	50	
Surrogate: Decachlorobiphenyl	*0.293*		mg/Kg dry	0.226		130	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.247*		mg/Kg dry	0.226		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.226*		mg/Kg dry	0.226		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.236*		mg/Kg dry	0.226		104	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054848 - % Solids										
Duplicate (B054848-DUP1)	**Source: 12G0087-02**			Prepared & Analyzed: 07/11/12						
% Solids	89.1		% Wt		84.1			5.77	20	
Duplicate (B054848-DUP2)	**Source: 12G0087-01**			Prepared & Analyzed: 07/11/12						
% Solids	85.5		% Wt		88.5			3.45	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com

12G0087

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
-01	B51-4 6.0-6.5	6/29/12	1426		X	S	U	✓	✓	1	I	A
-02	B51-5 8.0-8.5	↓	1428									
-03	B55-1 6.0-6.5	7/2/12	1012									
-04	B55-2 2.0-2.5		1014									
-05	B55-3 4.0-4.5		1016									
-06	B55-4 6.0-6.5		1018									
-07	B55-5 8.0-8.5	↓	1020									
-08	B63-4 6.0-6.5	6/29/12	1236									
-09	B63-5 8.0-8.5		1238									
-10	B64-1 0.0-0.5	↓	1350		↓	↓	↓	↓	↓			

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/3/12	400pm
Received by: (signature) [signature] 7/3/12	400pm
Relinquished by: (signature) [signature] 7/3/12	5
Received by: (signature) [signature] 7/3/12	1715

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
Connecticut: 0.25 mg/kg
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

12-6-0087

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER_____
O "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)											# of Containers / ** Preservation / ***Container Code
								1												# of Containers
								I												** Preservation
								A												***Container Code
-11	B64-2 2.0-2.5	6/29/12	1352		X	S	U	✓	✓											
-12	B64-3 4.0-4.5		1354																	
-13	B64-4 6.0-6.5		1356																	
-14	B64-5 8.0-8.5		1358																	
-15	B-65-1 0.0-0.5		1410																	
-16	B-65-2 2.0-2.5		1412																	
-17	B-65-3 4.0-4.5		1414																	
-18	B-65-4 6.0-6.5		1416																	
-19	B-65-5 8.0-8.5		1418																	
-20	B-74-4 6.0-6.5	↓	1406		✓	✓	✓	✓	✓											

ANALYSIS REQUESTED

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
7/3/12	400pm
Received by: (signature) 7/3/12	400pm
Relinquished by: (signature) 7/3/12	
Received by: (signature) 7/3/12	17:5

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

12G-0087

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	ANALYSIS REQUESTED	# of Containers	** Preservation	***Container Code
											1		
												I	
											A		
-21	B74-5 8.0-8.5	6/29/12	1408		X	S	U	✓	✓				
-22	DUP-7	↓	—										
-23	DUP-8		—										
-24	DUP-9	↓	—										
-25	DUP-10	7/2/12	—										
-26	DUP-11	6/29/12	—										
-27	DUP-12	↓	-										
-28	DUP-13	7/2/12	-		↓	↓	↓	✓	✓				

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Turnaround ††
Received by: (signature)	Date/Time:	☐ 7-Day
Relinquished by: (signature)	Date/Time:	☐ 10-Day
Received by: (signature)	Date/Time:	◉ Other 5-DAY
		RUSH †
		☐ †24-Hr ☐ †48-Hr
		☐ †72-Hr ☐ †4-Day
		† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: 0.25 mg/kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

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WBE/DBE Certified

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www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Northeast RECEIVED BY: CEC DATE: 7/3/12

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.7 C
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	233
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

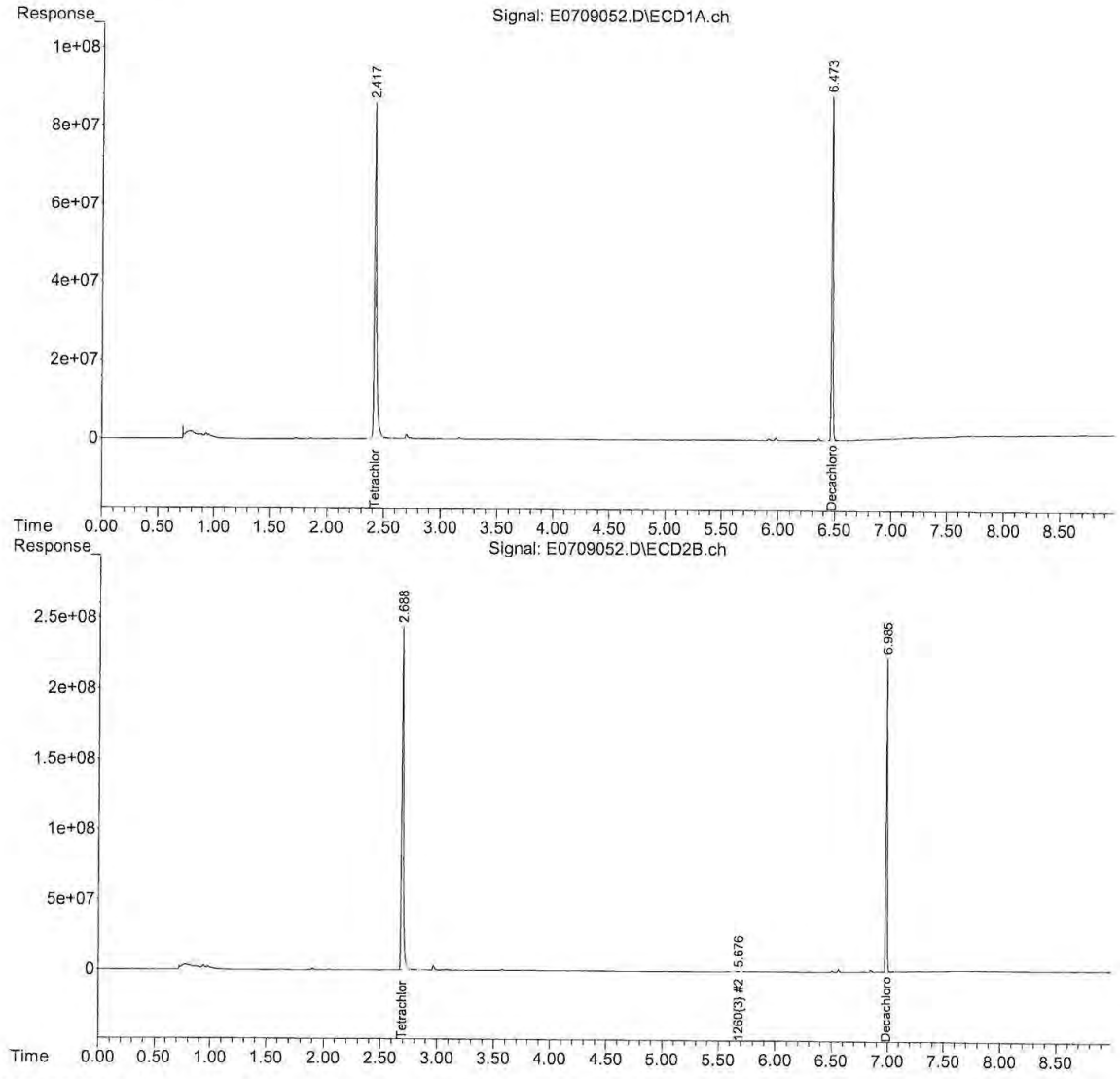
Time and Date Frozen:

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 7:57 pm
Operator : JMB
Sample : 12G0087-21@5X Inst : ECD 5
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:13:35 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



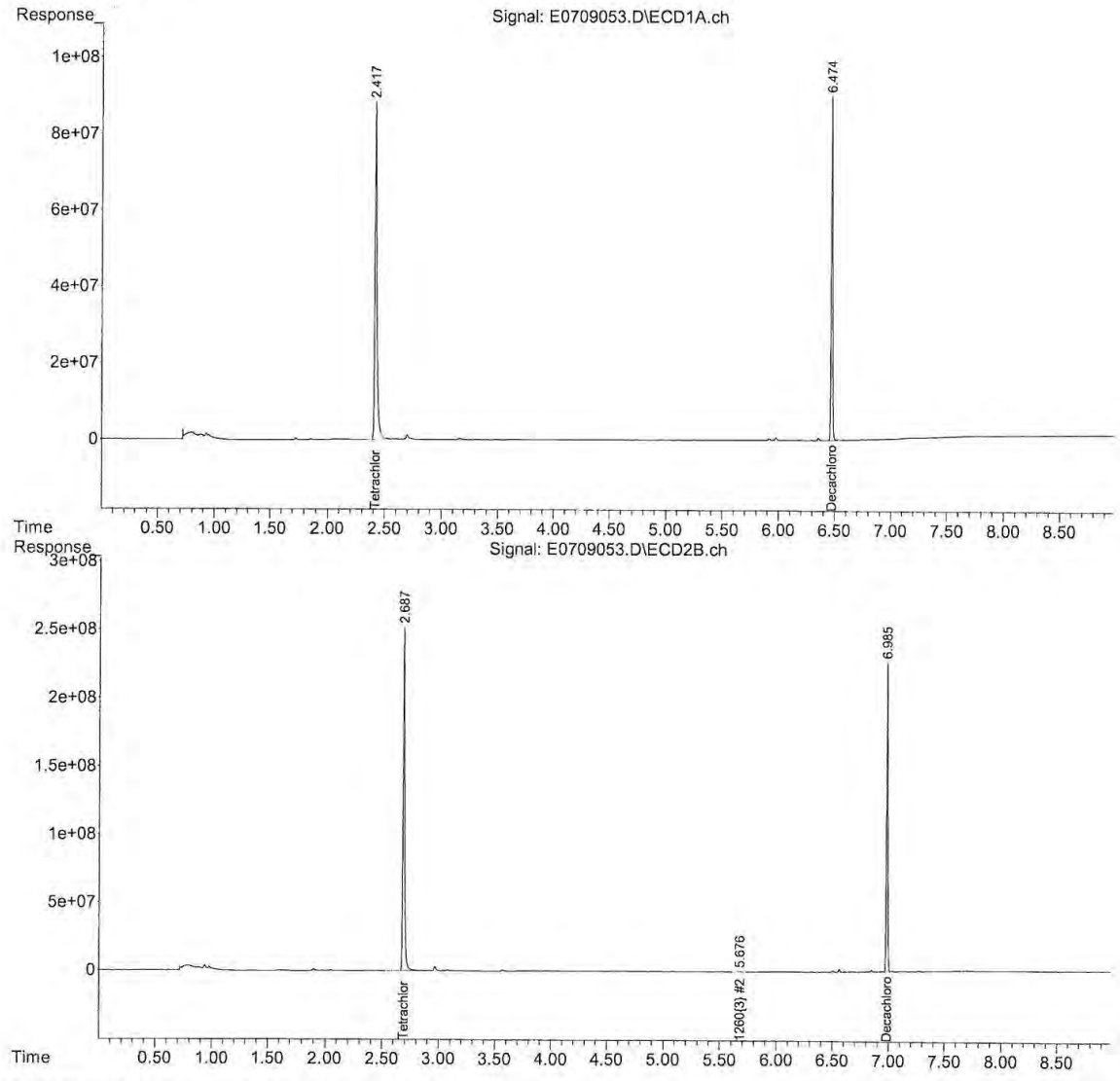
5-1260-070312.M Tue Jul 10 14:24:01 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 8:09 pm
Operator : JMB
Sample : 12G0087-22@5X Inst : ECD 5
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:13:41 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



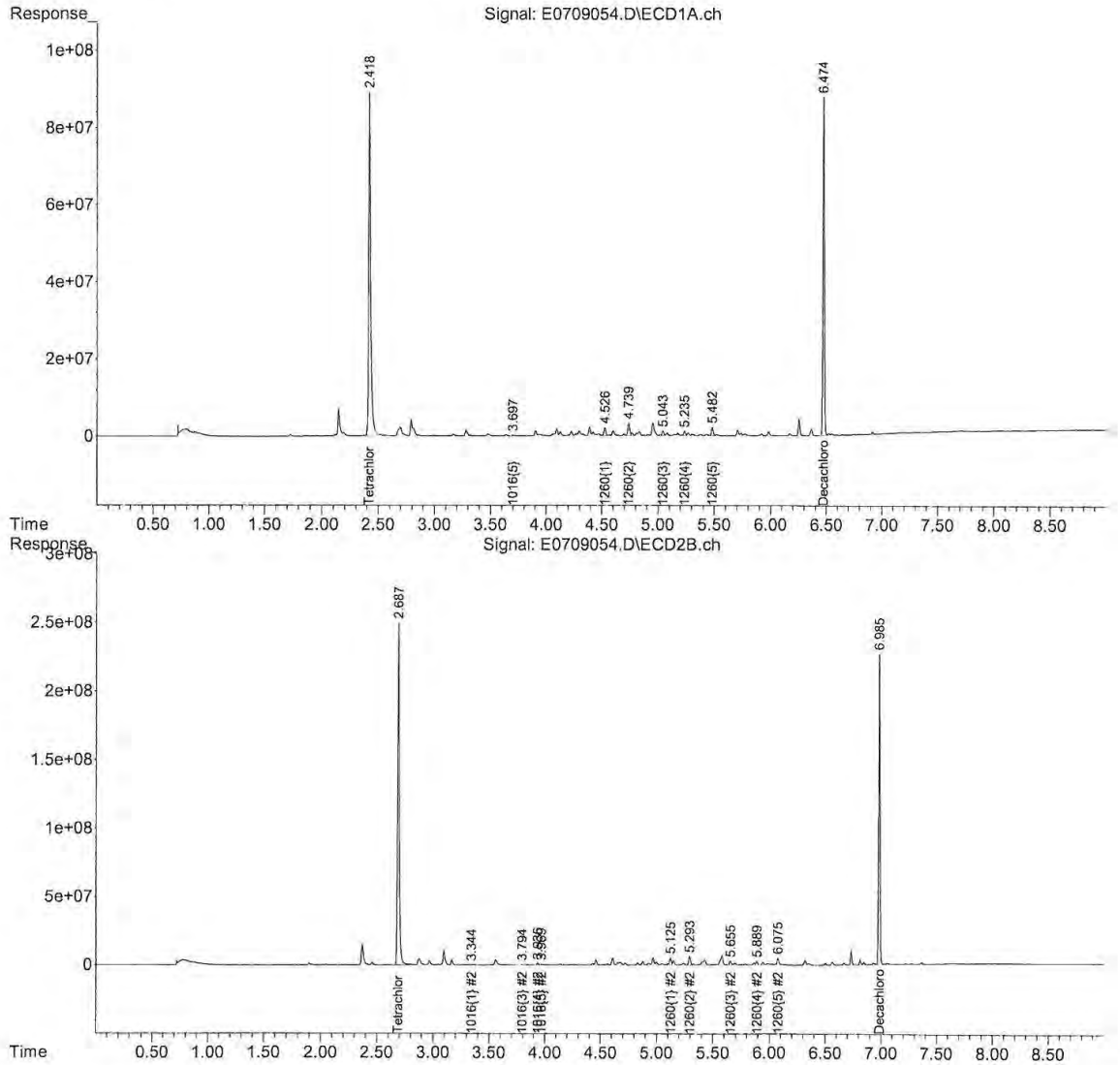
5-1260-070312.M Tue Jul 10 14:24:06 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 8:22 pm
Operator : JMB
Sample : 12G0087-23@5X Inst : ECD 5
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:13:47 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

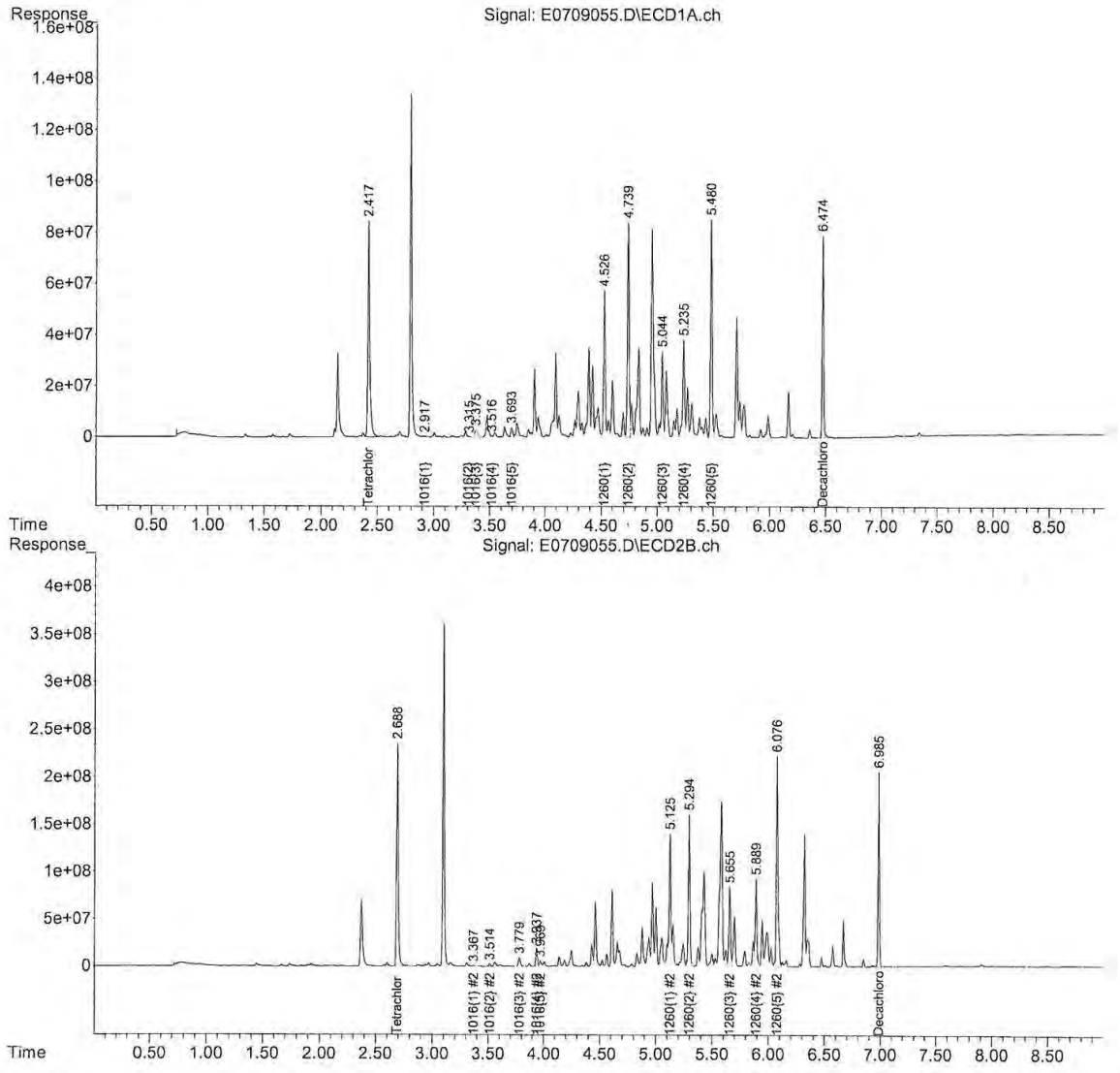


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 8:35 pm
Operator : JMB
Sample : 12G0087-24@5X Inst : ECD 5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:13:53 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



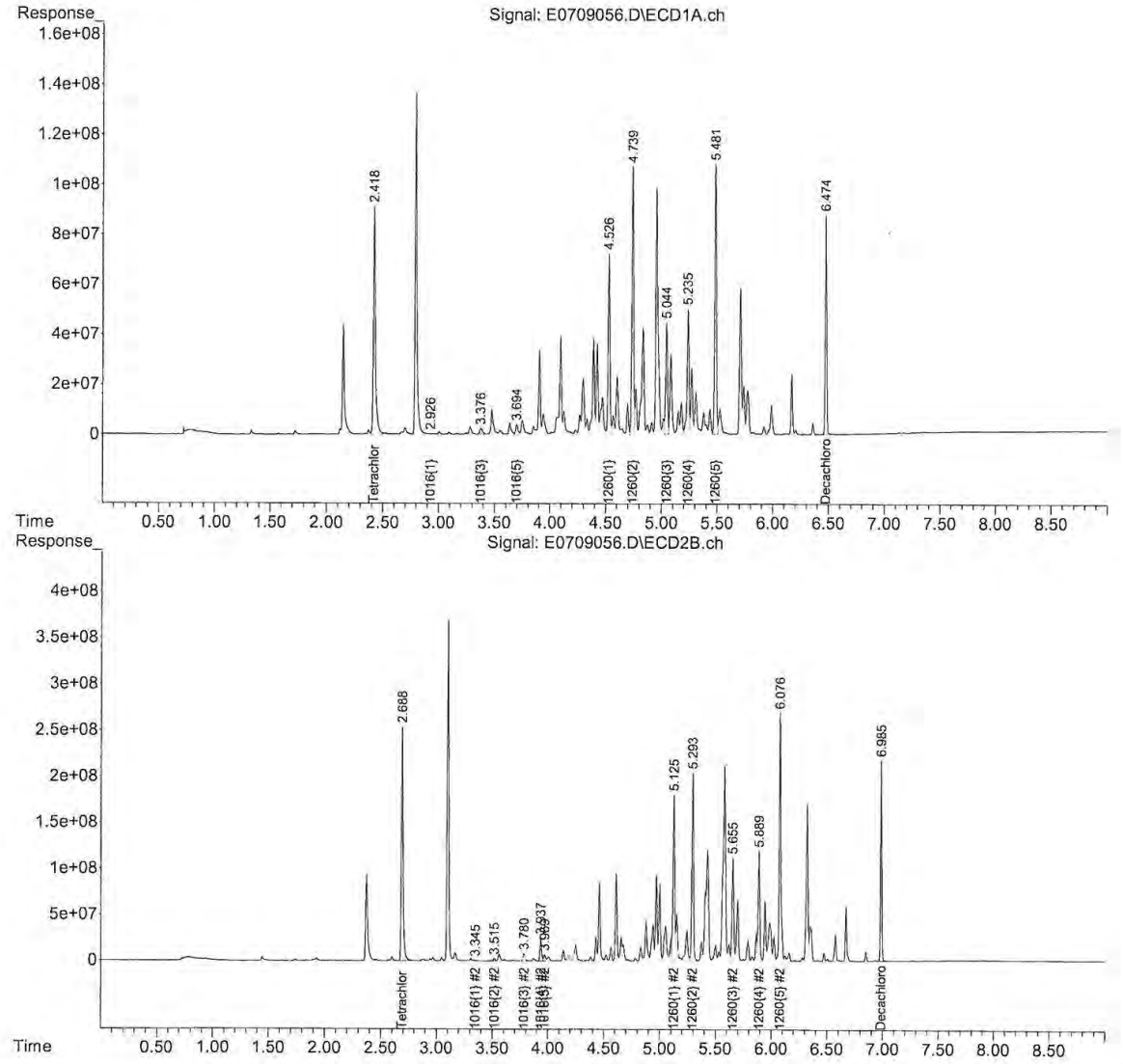
5-1260-070312.M Tue Jul 10 14:24:17 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 8:48 pm
Operator : JMB
Sample : 12G0087-25@5X Inst : ECD 5
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:13:59 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



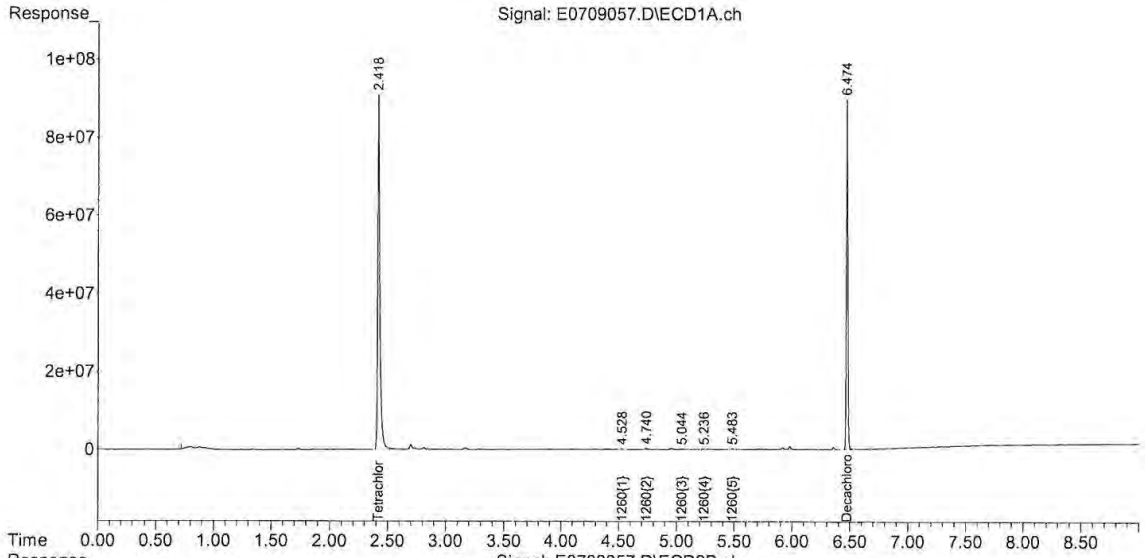
5-1260-070312.M Tue Jul 10 14:24:22 2012

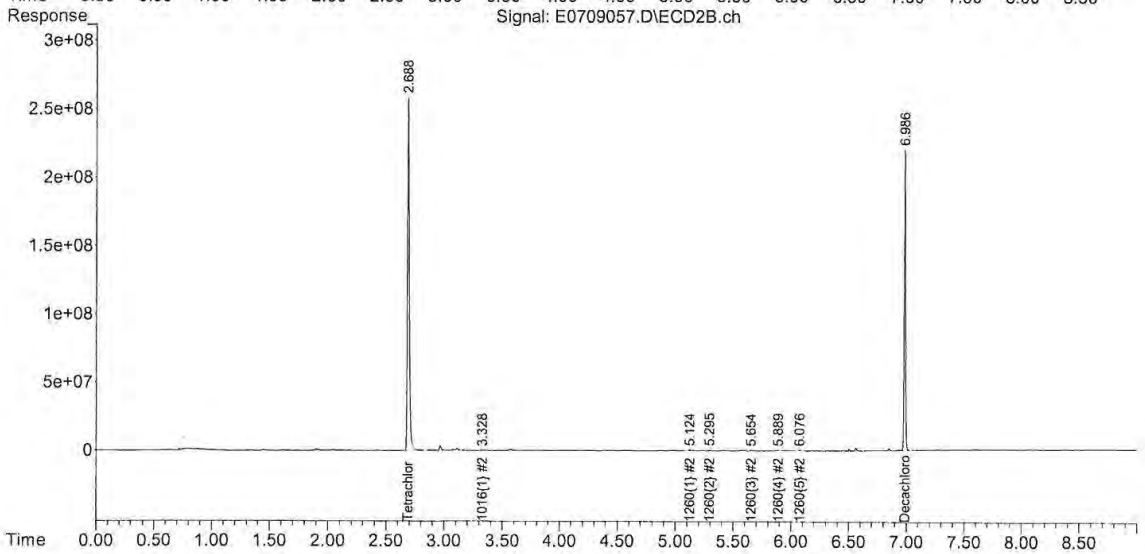
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:01 pm
Operator : JMB
Sample : 12G0087-26@5X Inst : ECD 5
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:14:05 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





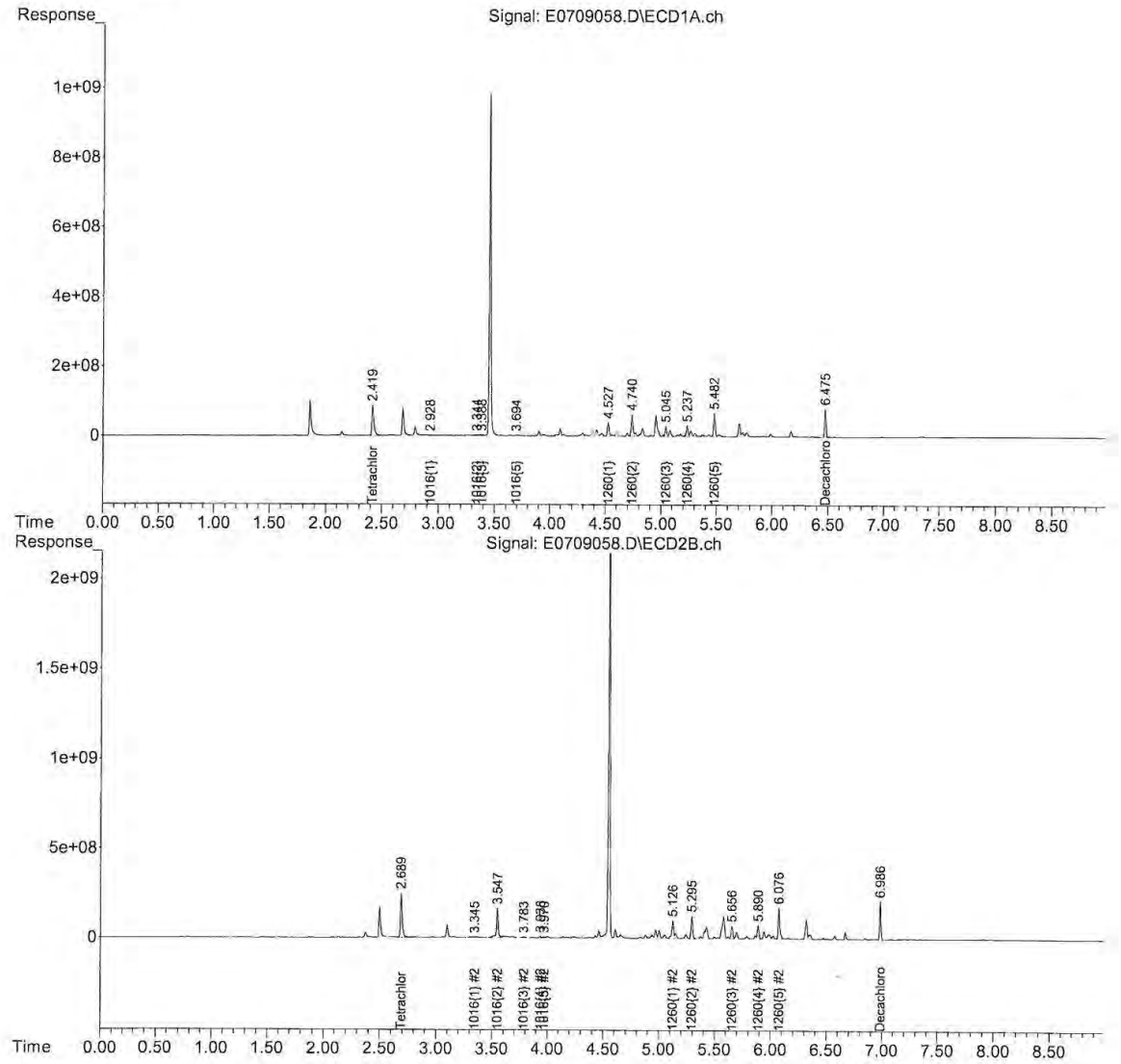
5-1260-070312.M Tue Jul 10 14:24:27 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:13 pm
Operator : JMB
Sample : 12G0087-27@5X Inst : ECD 5
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:14:11 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



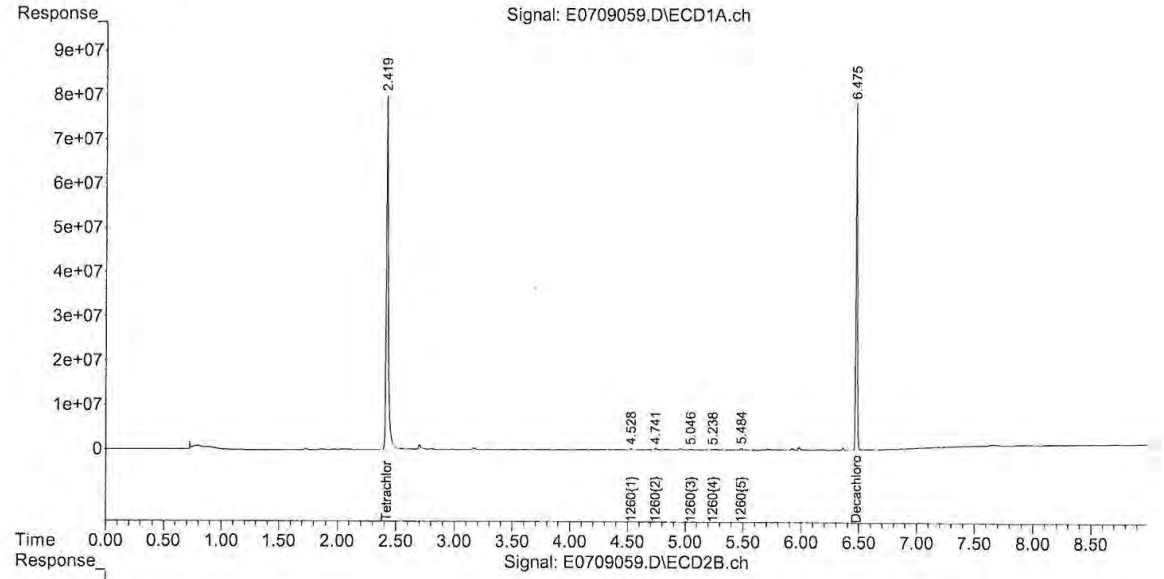
5-1260-070312.M Tue Jul 10 14:24:32 2012

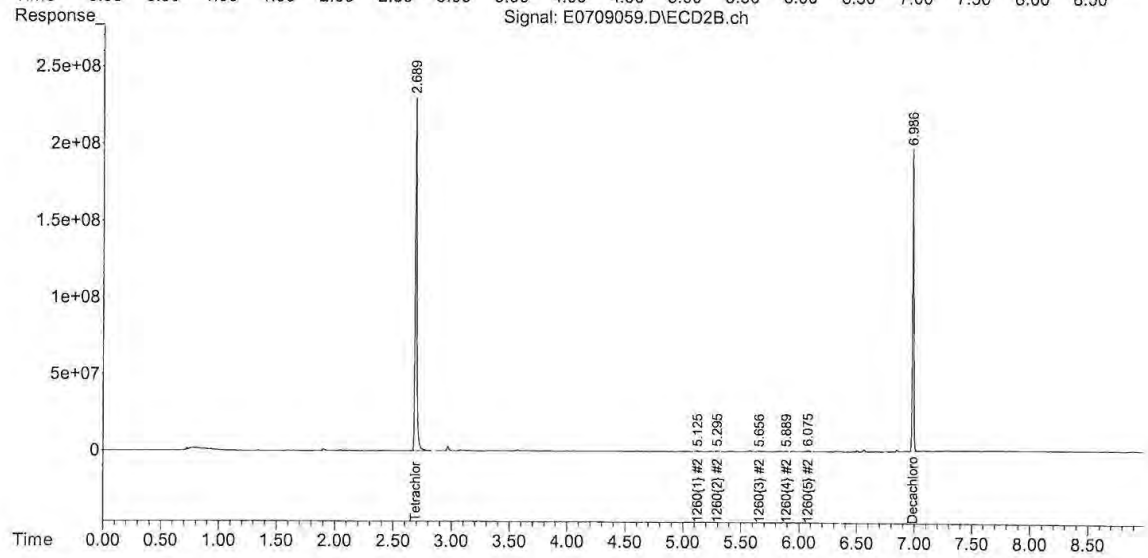
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : E0709059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:26 pm
Operator : JMB
Sample : 12G0087-28@5X Inst : ECD 5
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Jul 10 08:14:17 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-070312.M
Quant Title : 1260/1016 06/22/12 05/10/12
QLast Update : Thu Jul 05 09:25:44 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



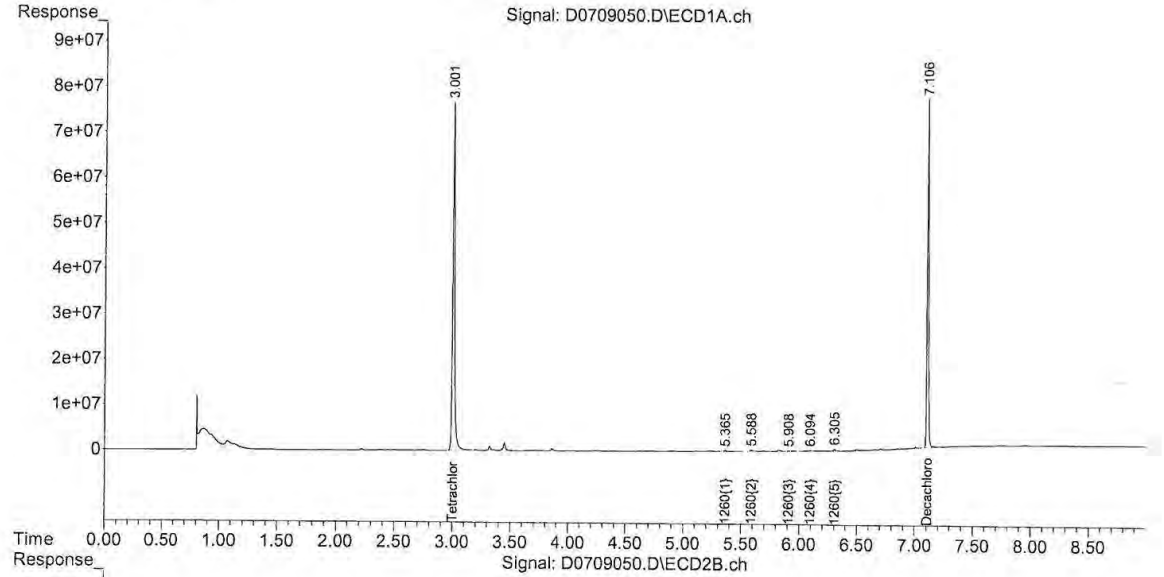


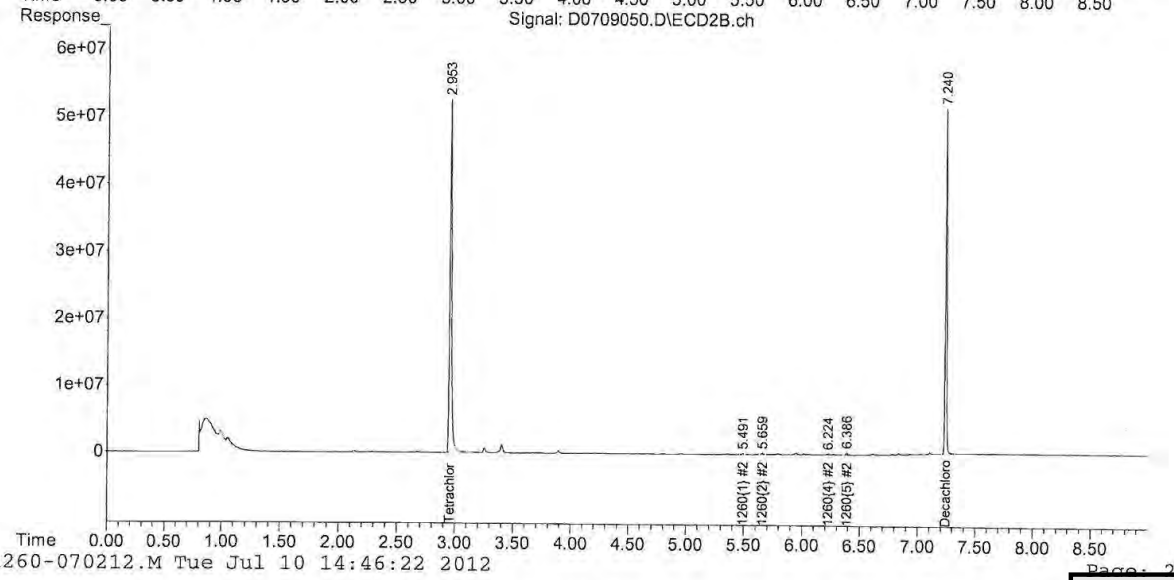
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709050.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 8:52 pm
Operator : JMB
Sample : 12G0087-01@5X Inst : ECD 4
Misc :
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:07:48 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



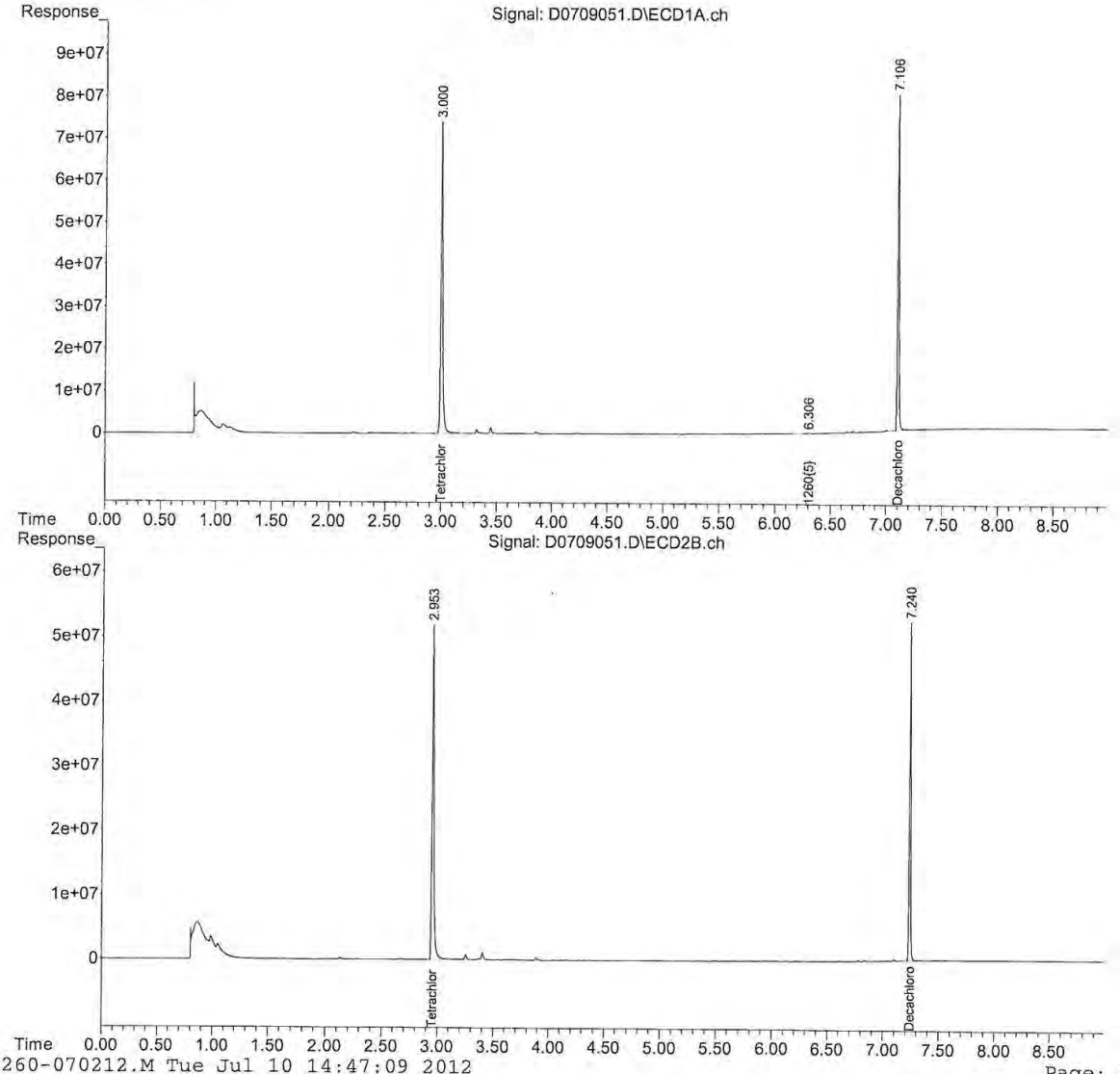


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:05 pm
Operator : JMB
Sample : 12G0087-02@5X Inst : ECD 4
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:07:54 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

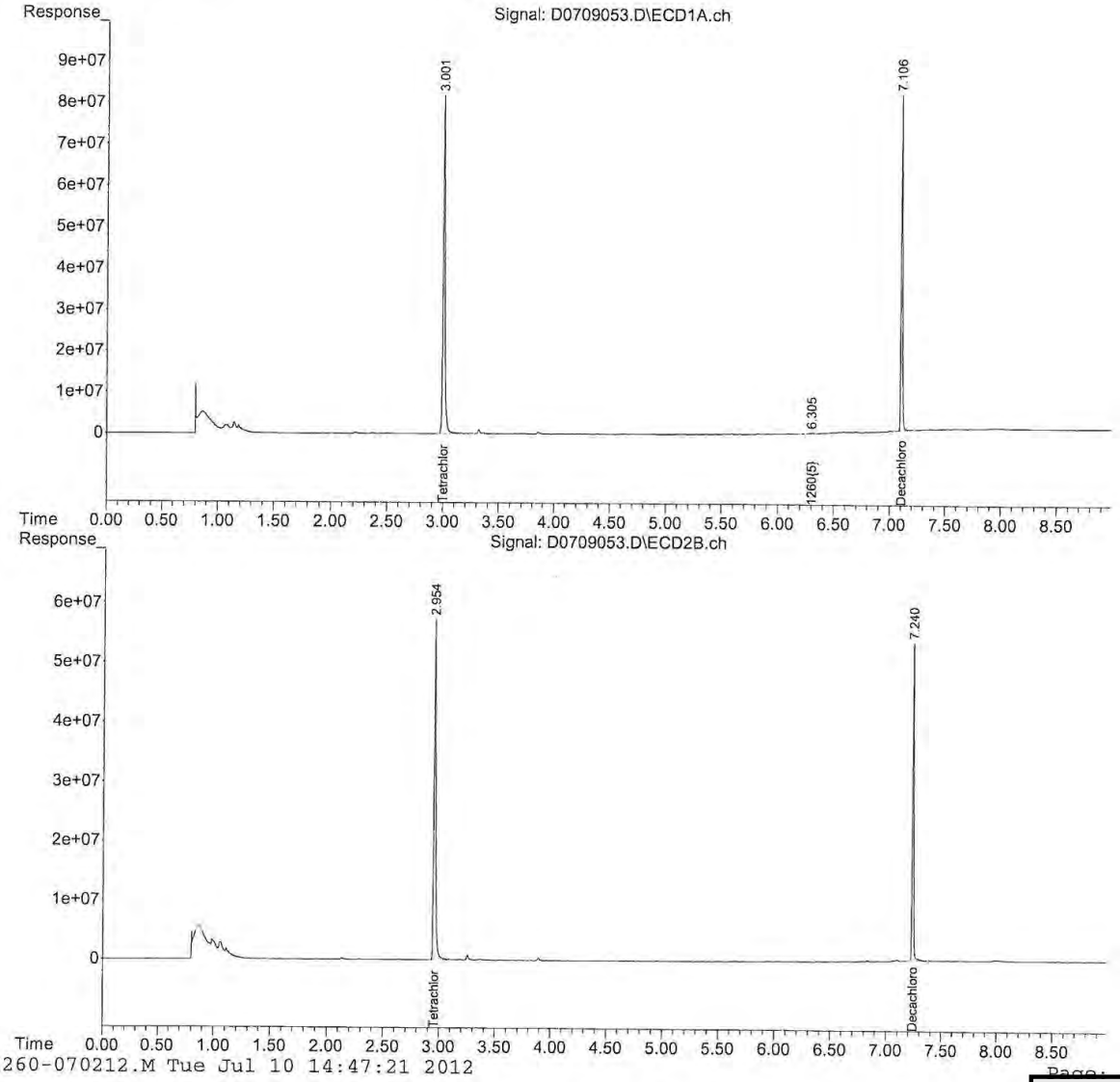


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:31 pm
Operator : JMB
Sample : 12G0087-04@5X Inst : ECD 4
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:06 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

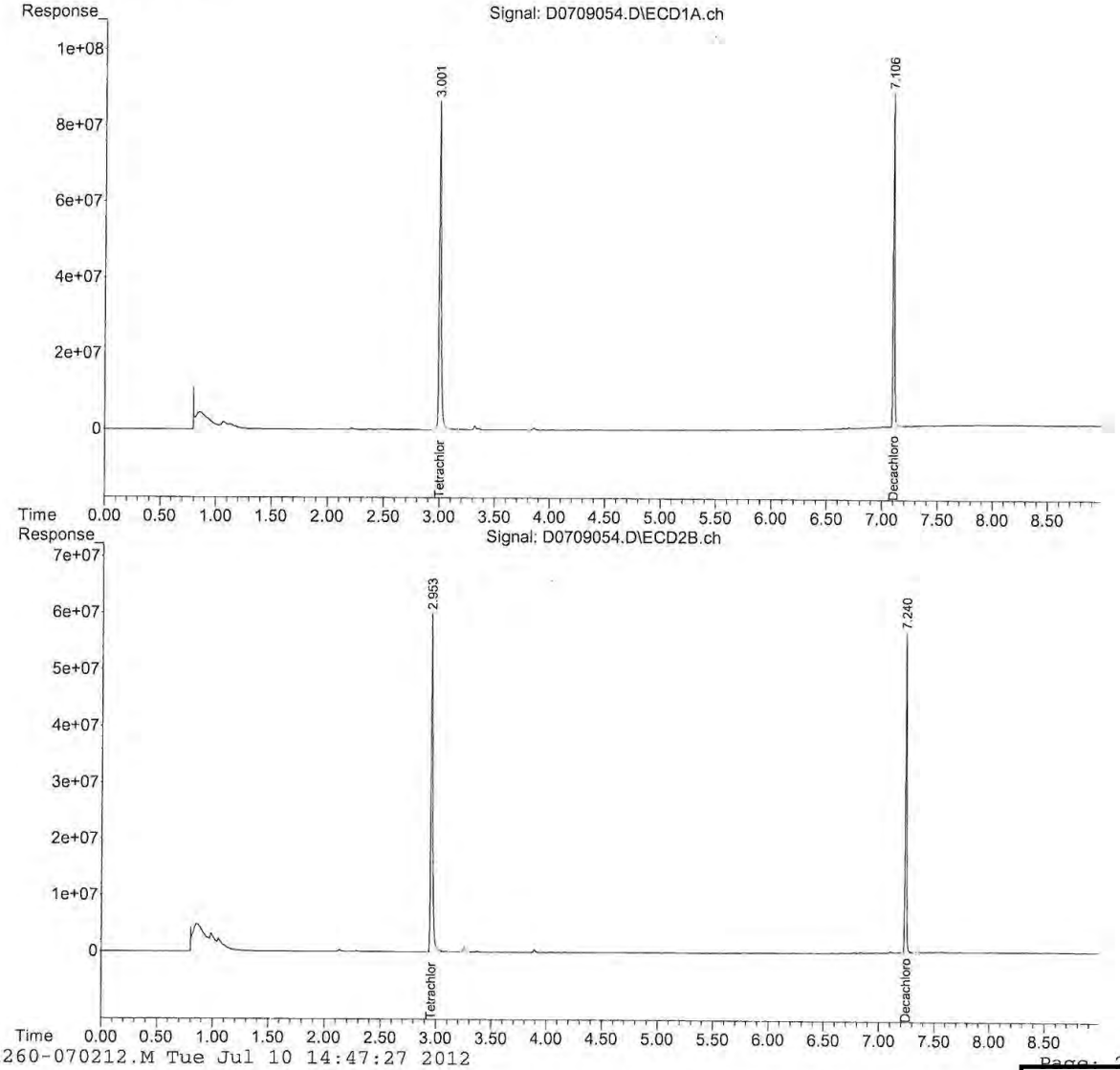


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:44 pm
Operator : JMB
Sample : 12G0087-05@5X Inst : ECD 4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:12 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

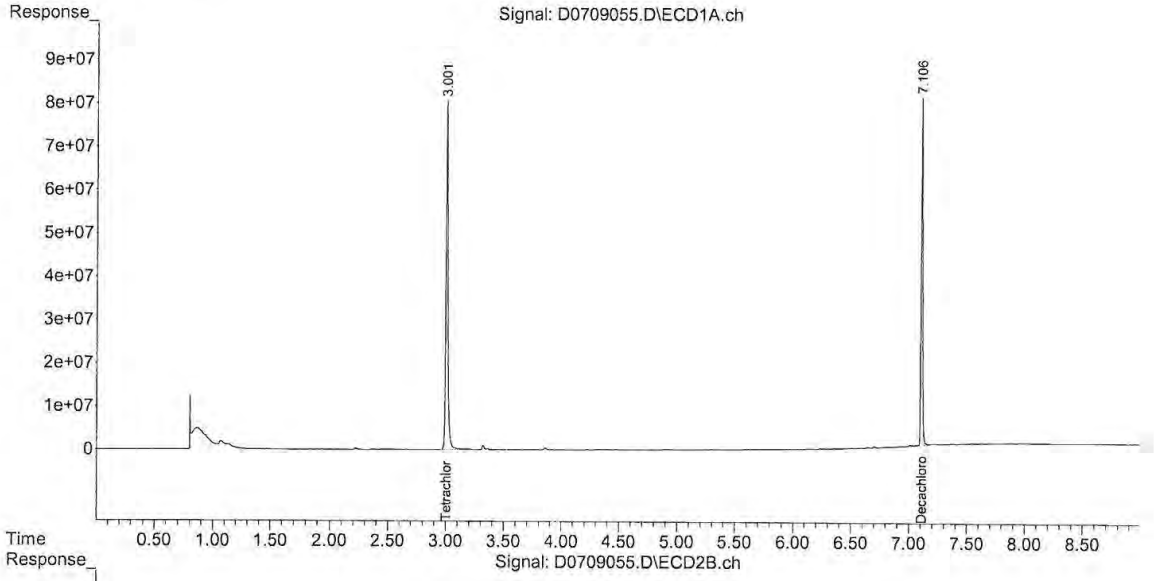


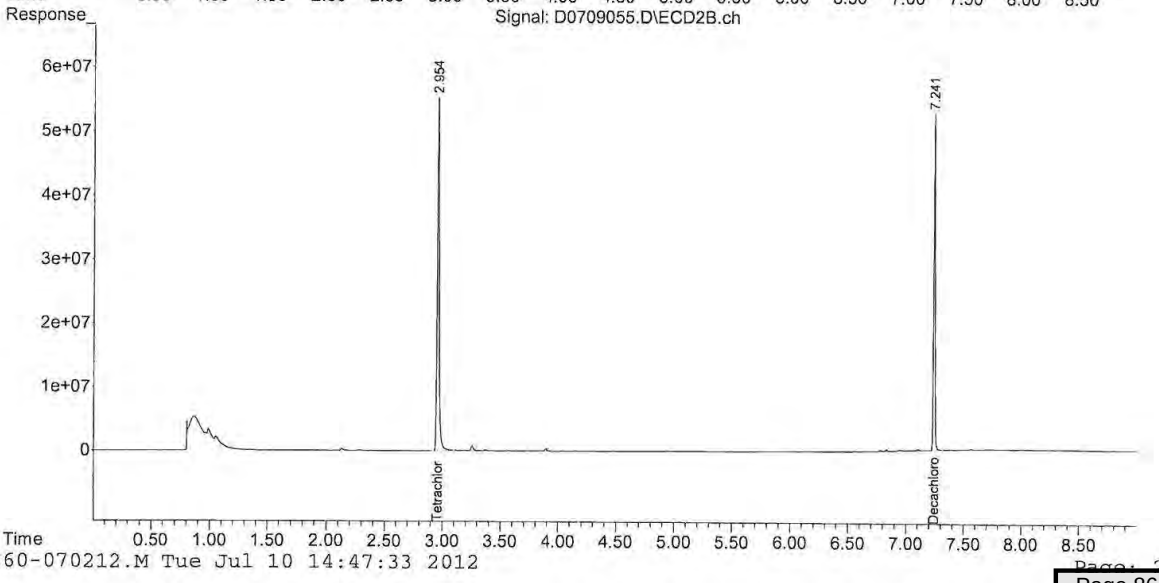
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 9:57 pm
Operator : JMB
Sample : 12G0087-06@5X Inst : ECD 4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:18 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





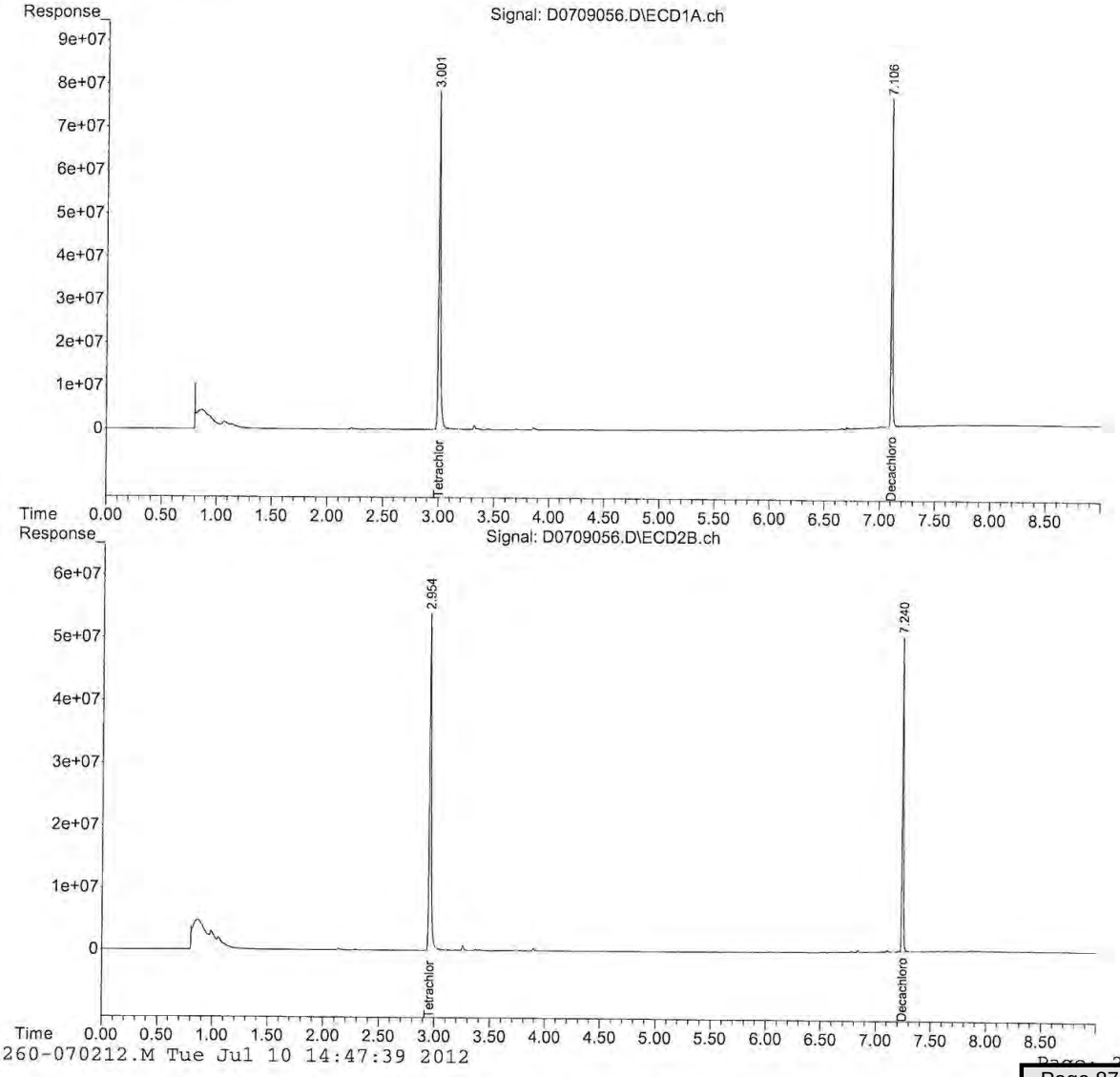
4-1260-070212.M Tue Jul 10 14:47:33 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 10:10 pm
Operator : JMB
Sample : 12G0087-07@5X Inst : ECD 4
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:24 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



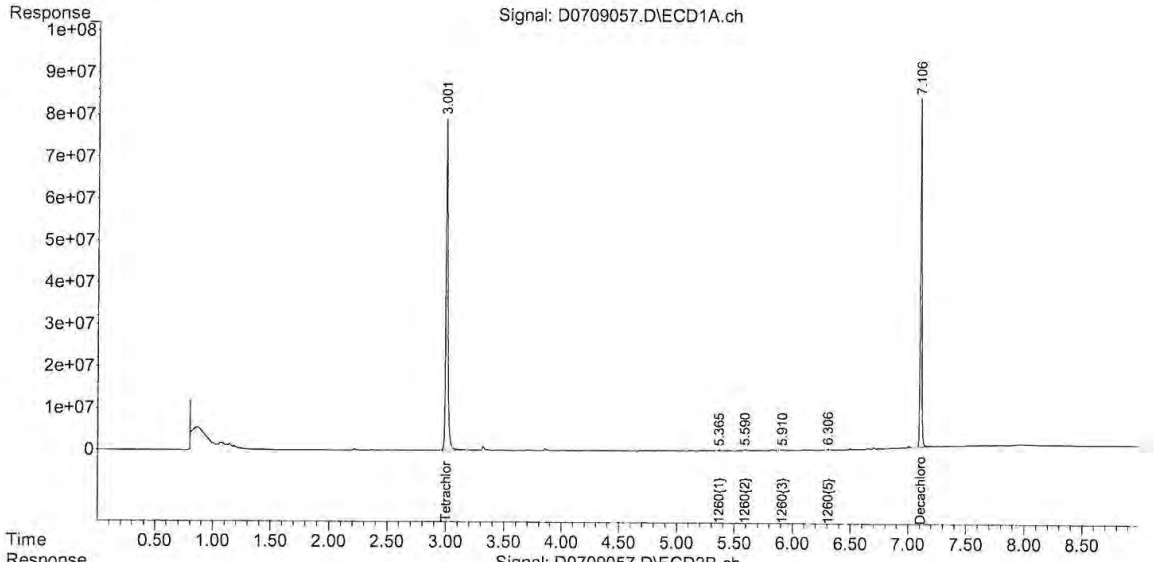
4-1260-070212.M Tue Jul 10 14:47:39 2012

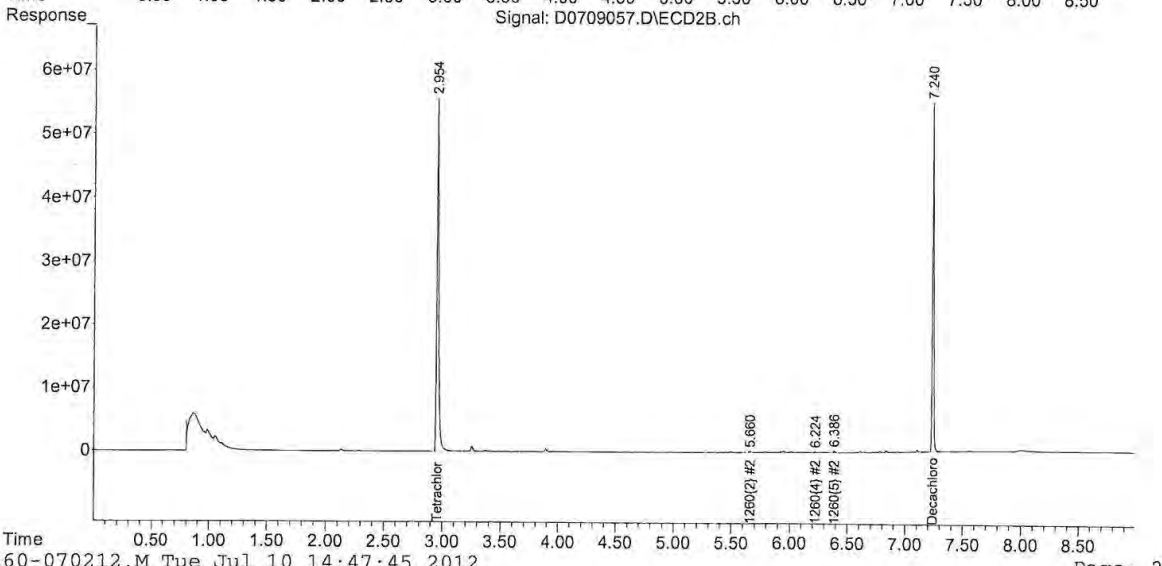
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 10:23 pm
Operator : JMB
Sample : 12G0087-08@5X Inst : ECD 4
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:30 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





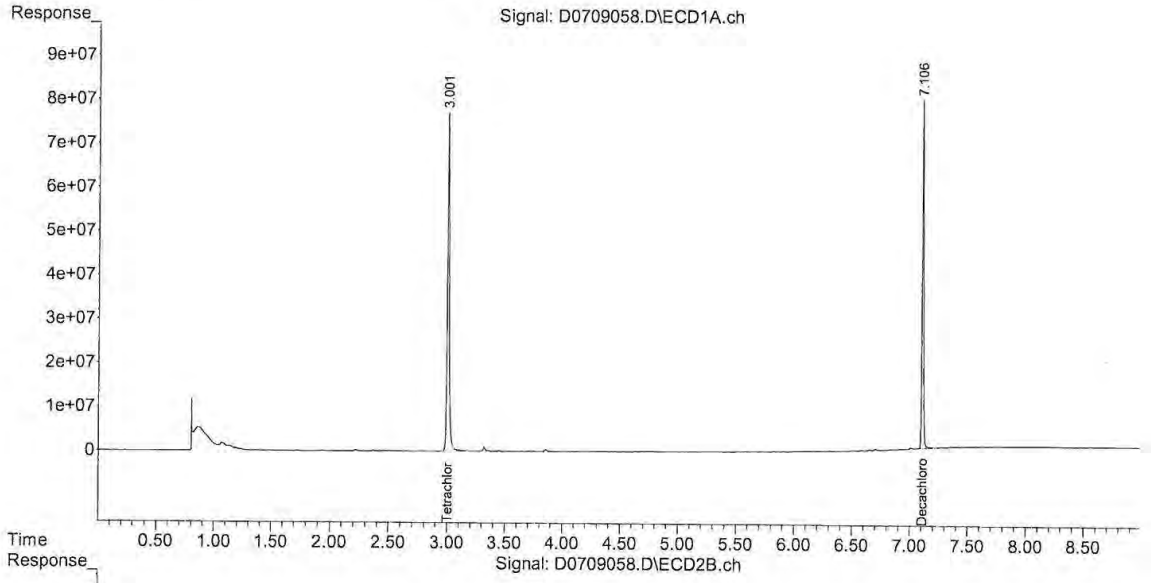
4-1260-070212.M Tue Jul 10 14:47:45 2012

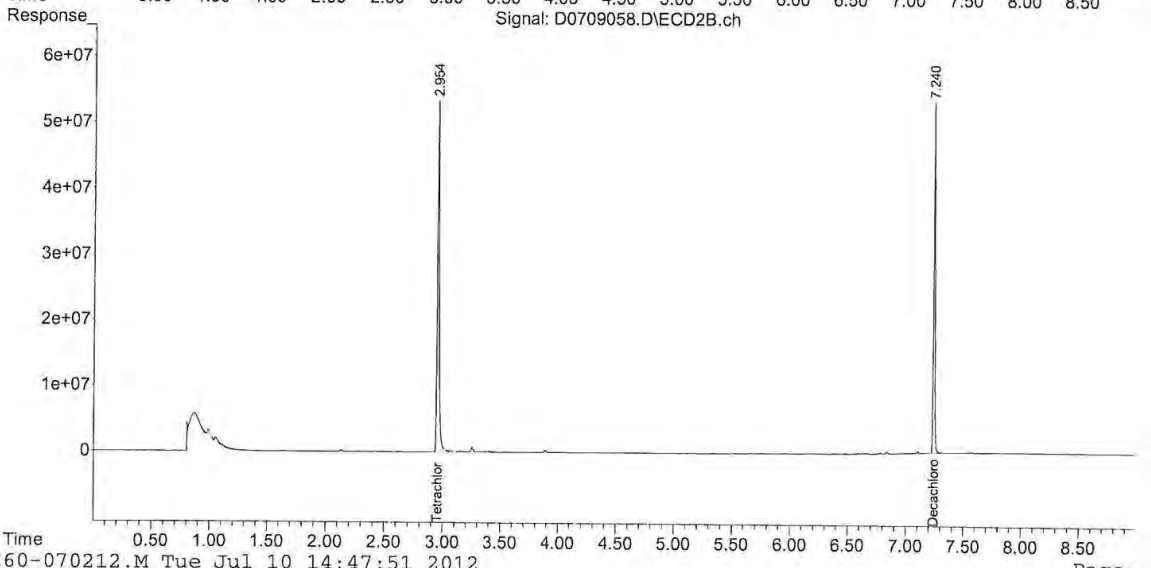
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 10:35 pm
Operator : JMB
Sample : 12G0087-09@5X Inst : ECD 4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:08:36 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





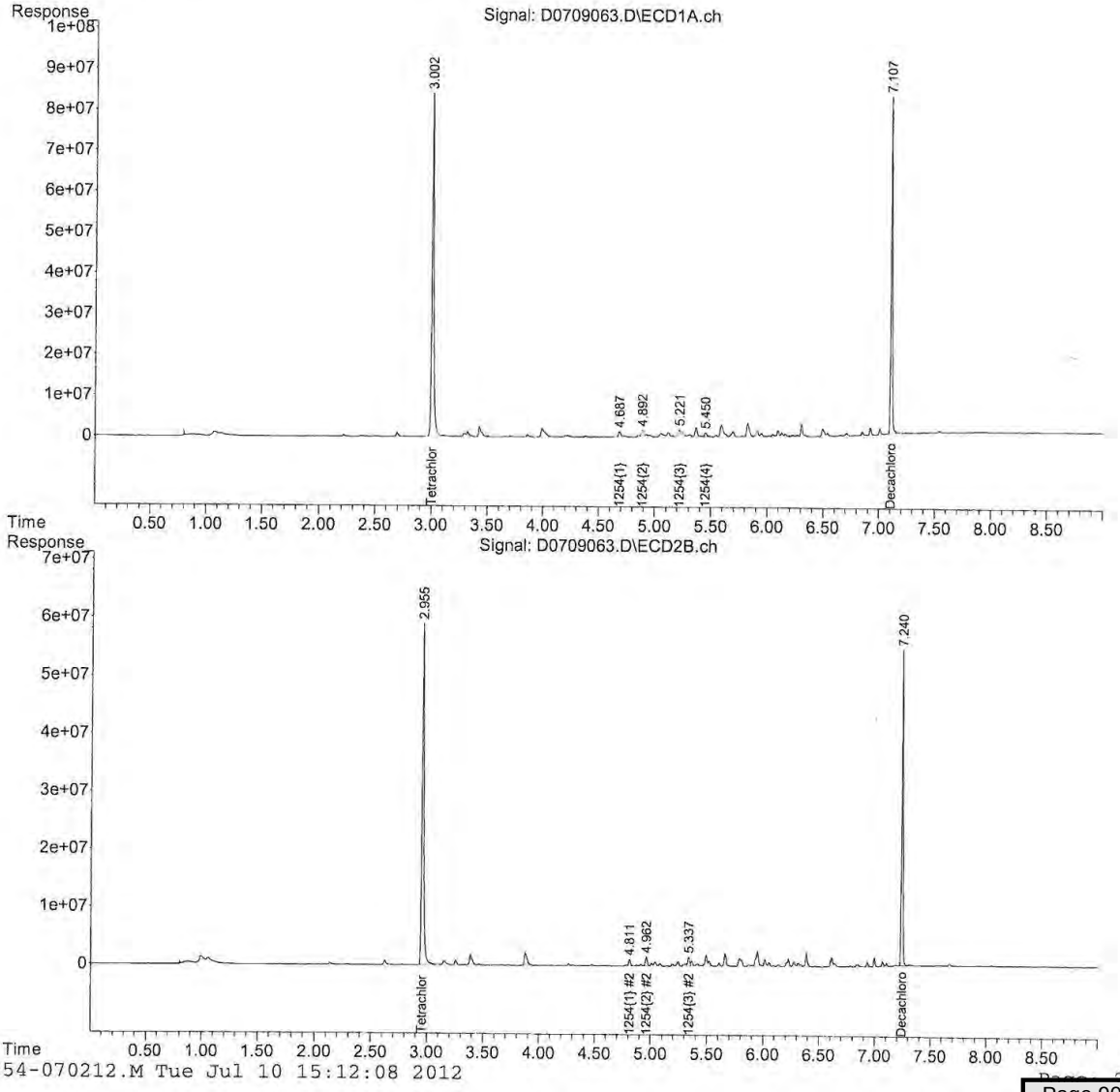
4-1260-070212.M Tue Jul 10 14:47:51 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 11:40 pm
Operator : JMB
Sample : 12G0087-12@5X Inst : ECD 4
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 10 14:38:49 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Tue Jul 03 10:01:39 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

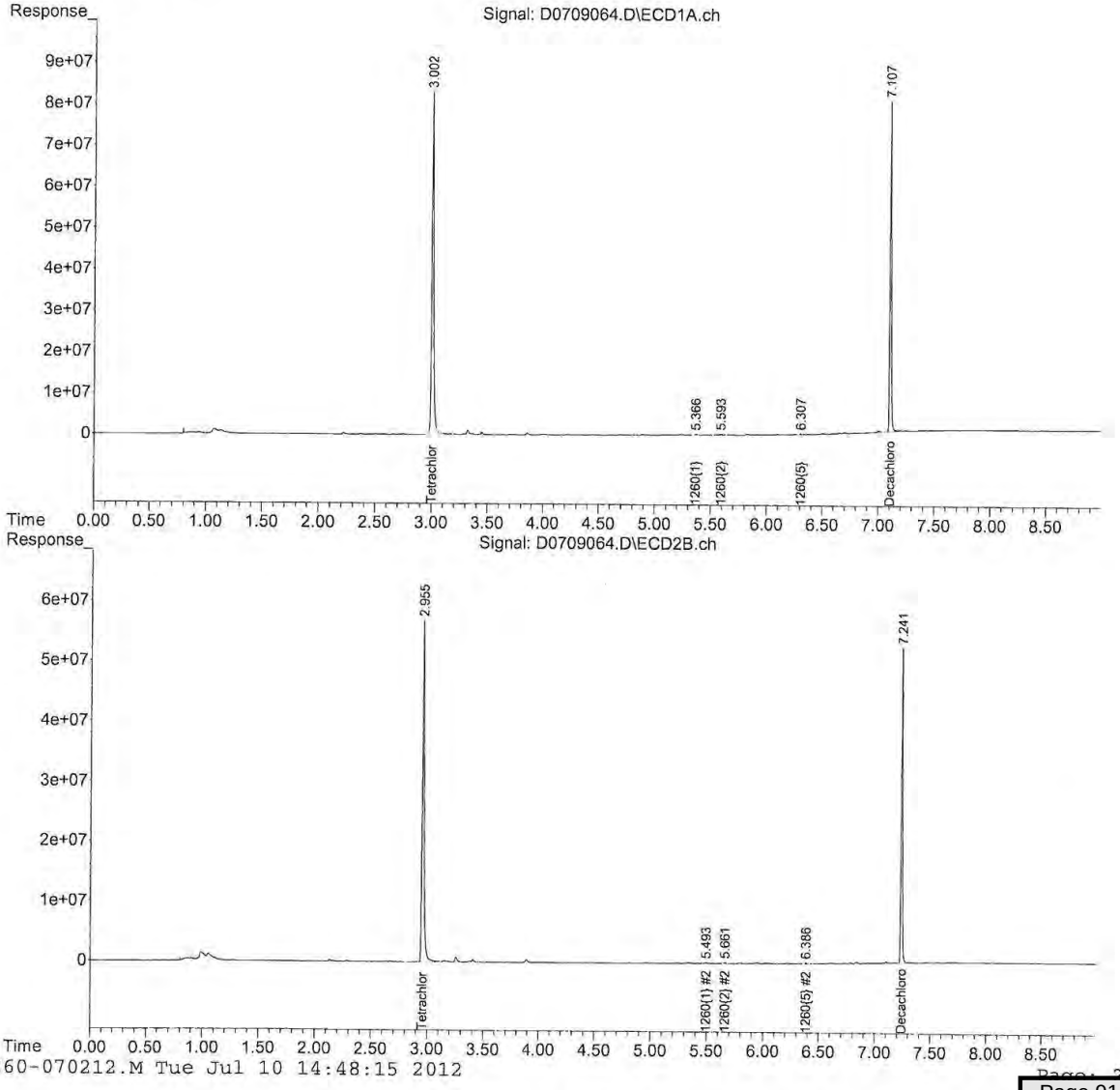


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 9 Jul 2012 11:53 pm
Operator : JMB
Sample : 12G0087-13@5X Inst : ECD 4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:12 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

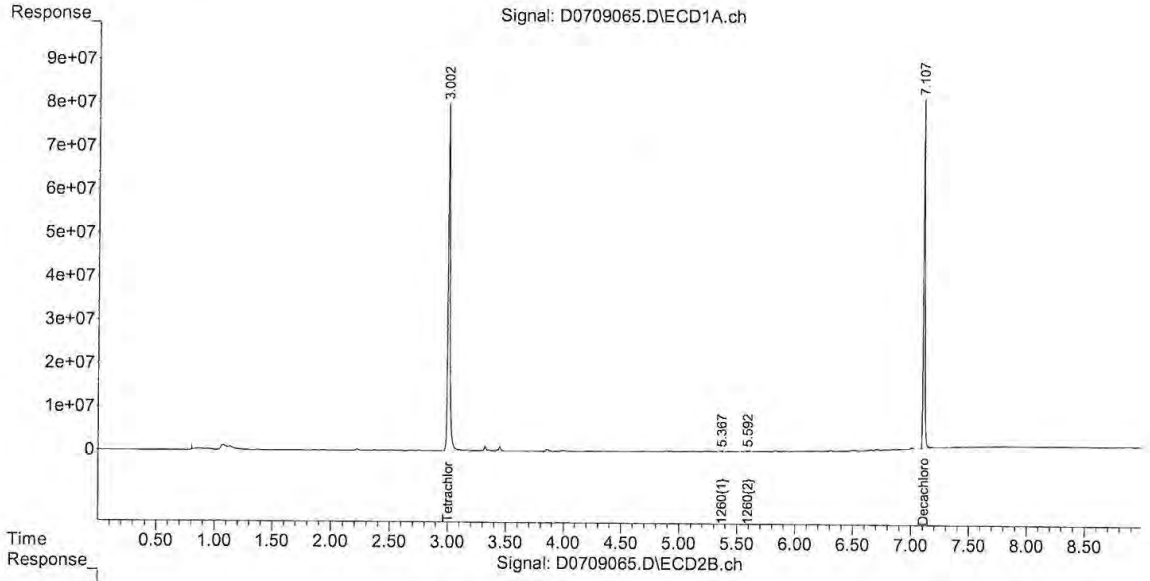


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 12:06 am
Operator : JMB
Sample : 12G0087-14@5X Inst : ECD 4
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:18 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



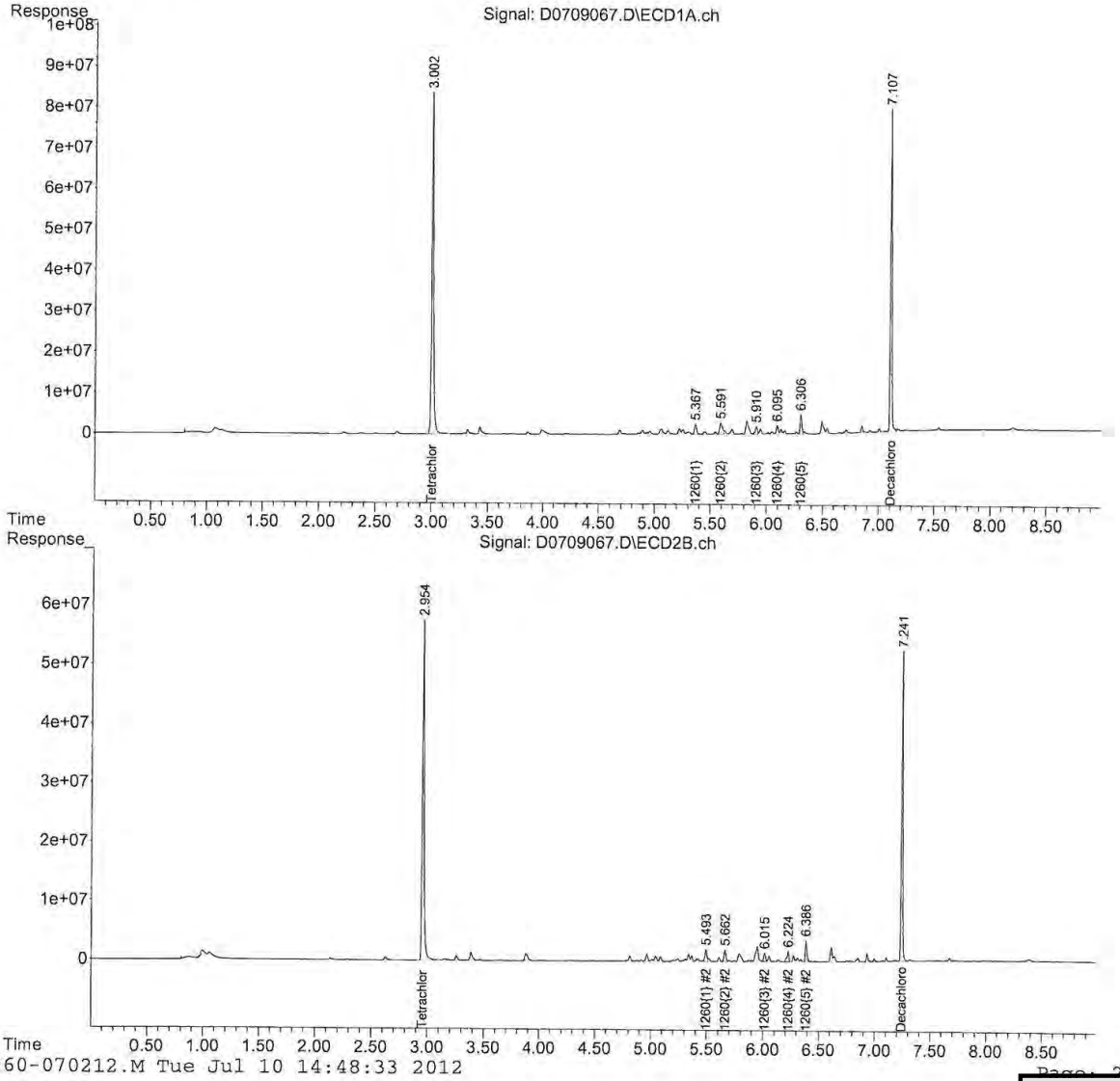
4-1260-070212.M Tue Jul 10 14:48:21 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 12:32 am
Operator : JMB
Sample : 12G0087-16@5X Inst : ECD 4
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:30 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



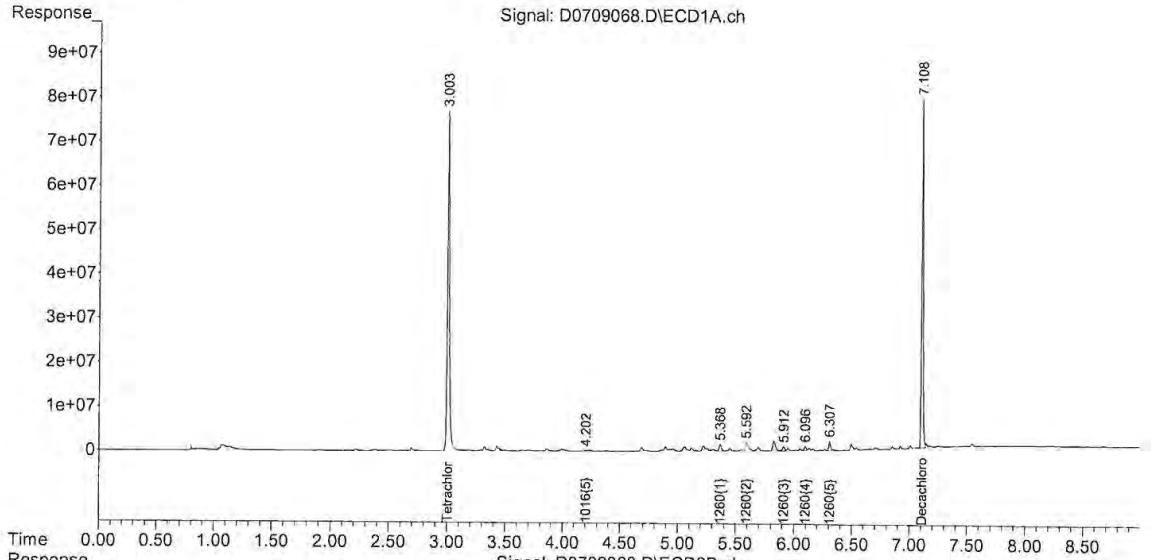
4-1260-070212.M Tue Jul 10 14:48:33 2012

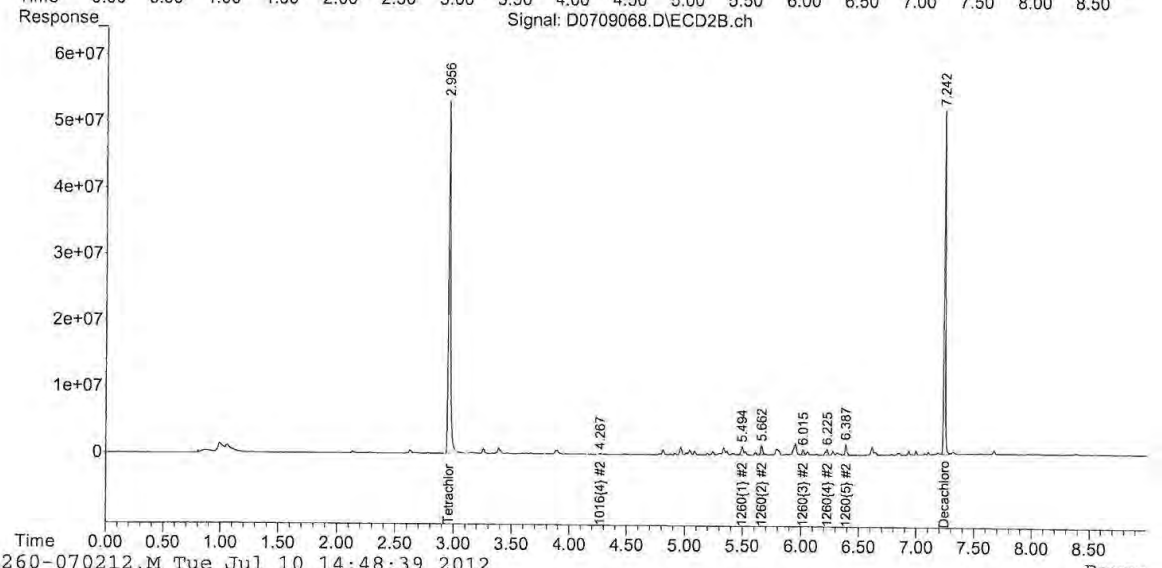
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 12:45 am
Operator : JMB
Sample : 12G0087-17@5X Inst : ECD 4
Misc :
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:37 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





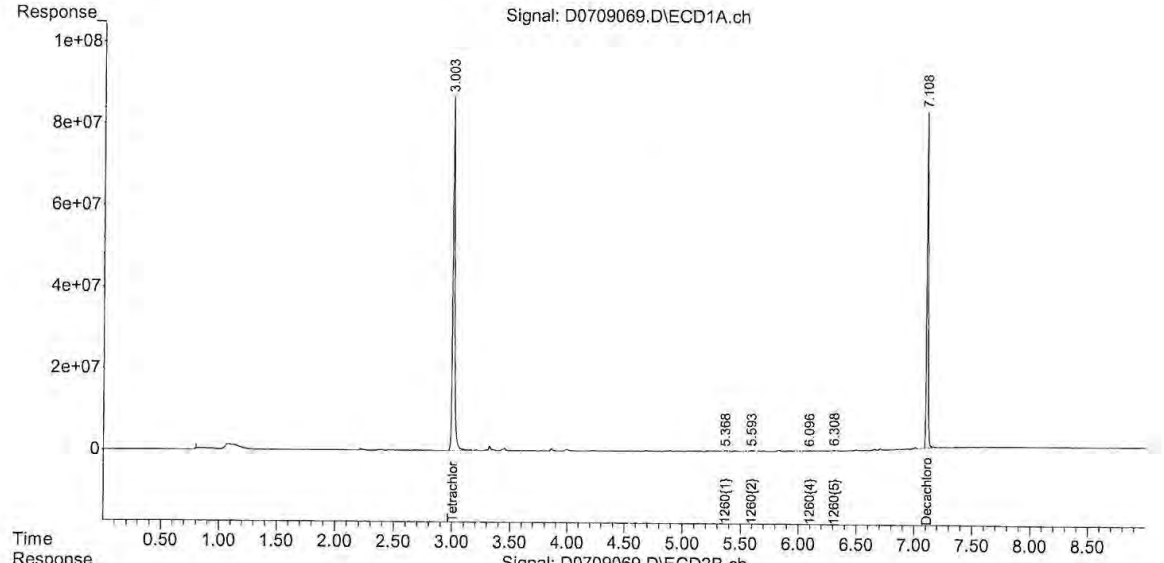
4-1260-070212.M Tue Jul 10 14:48:39 2012

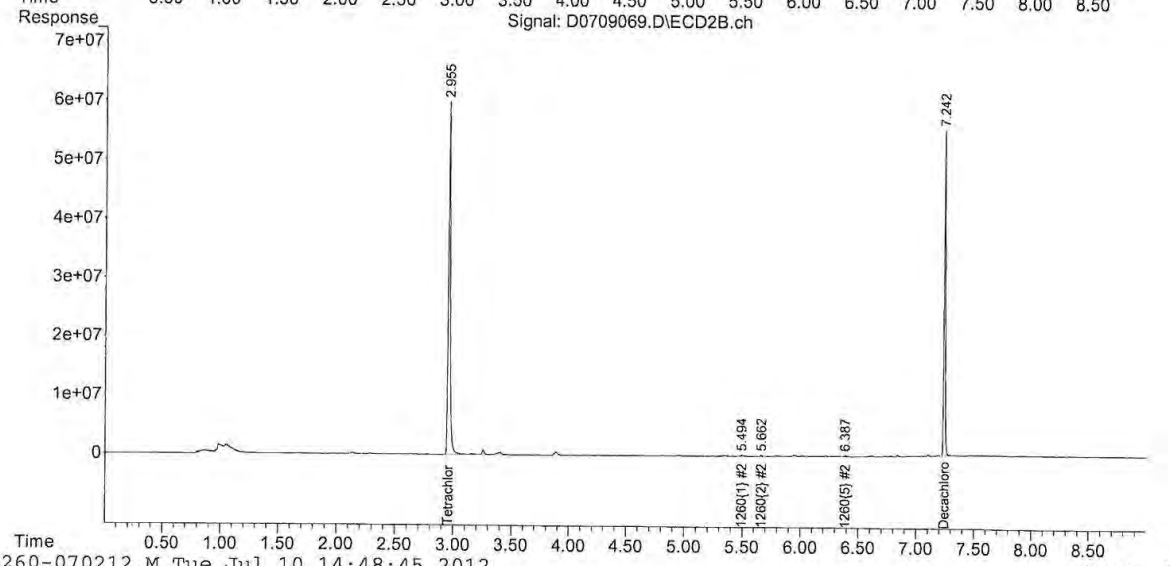
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 12:58 am
Operator : JMB
Sample : 12G0087-18@5X Inst : ECD 4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:43 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



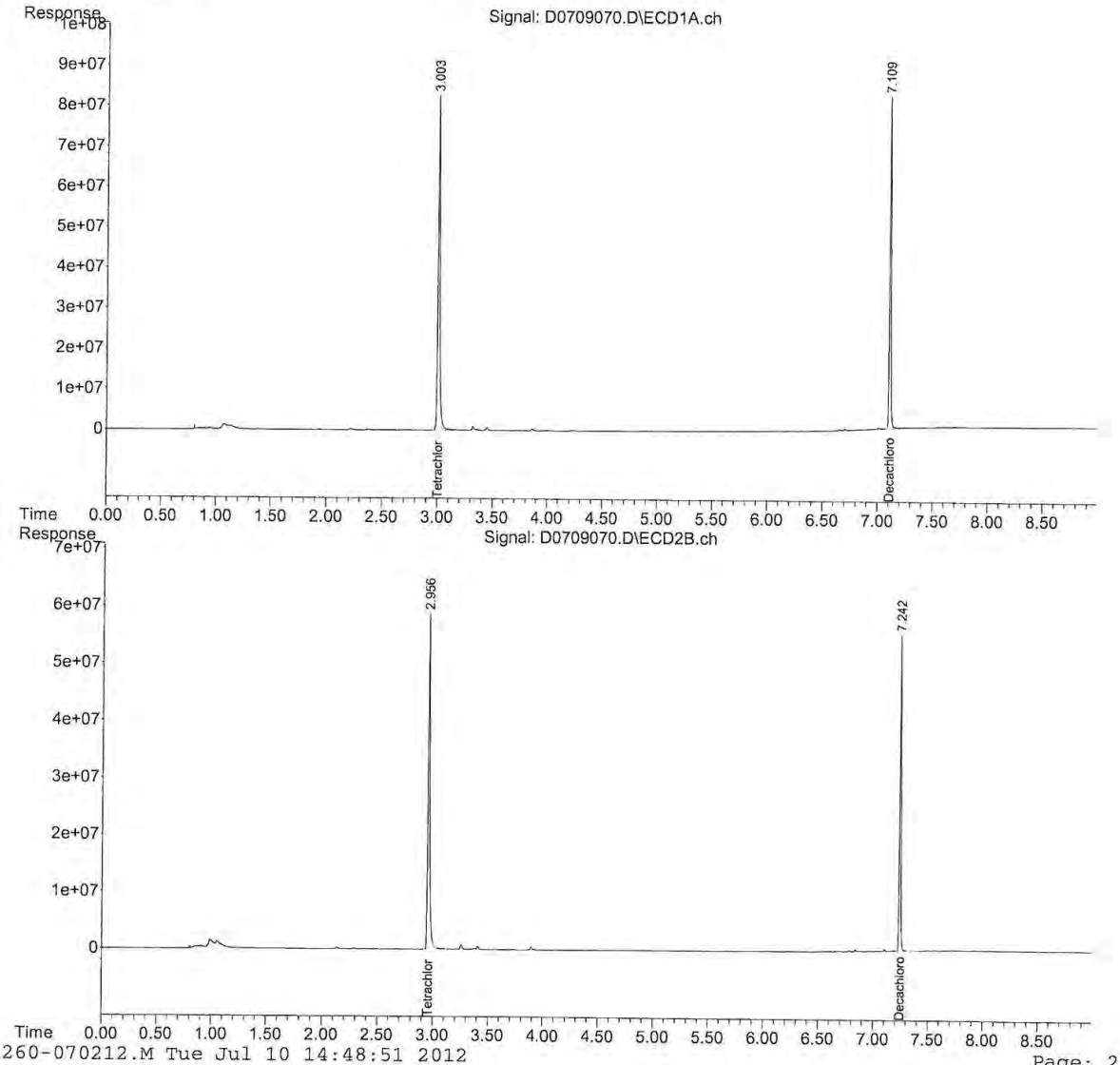


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\070912\
Data File : D0709070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 1:11 am
Operator : JMB
Sample : 12G0087-19@5X Inst : ECD 4
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: FRONT-1260.E
Integration File signal 2: 1260-BACK.E
Quant Time: Jul 10 08:09:49 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1260-070212.M
DataAcq Meth:PCB01.M
Quant Title : 1260/1016 06/05/12 05/10/12
QLast Update : Tue Jun 26 07:58:51 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

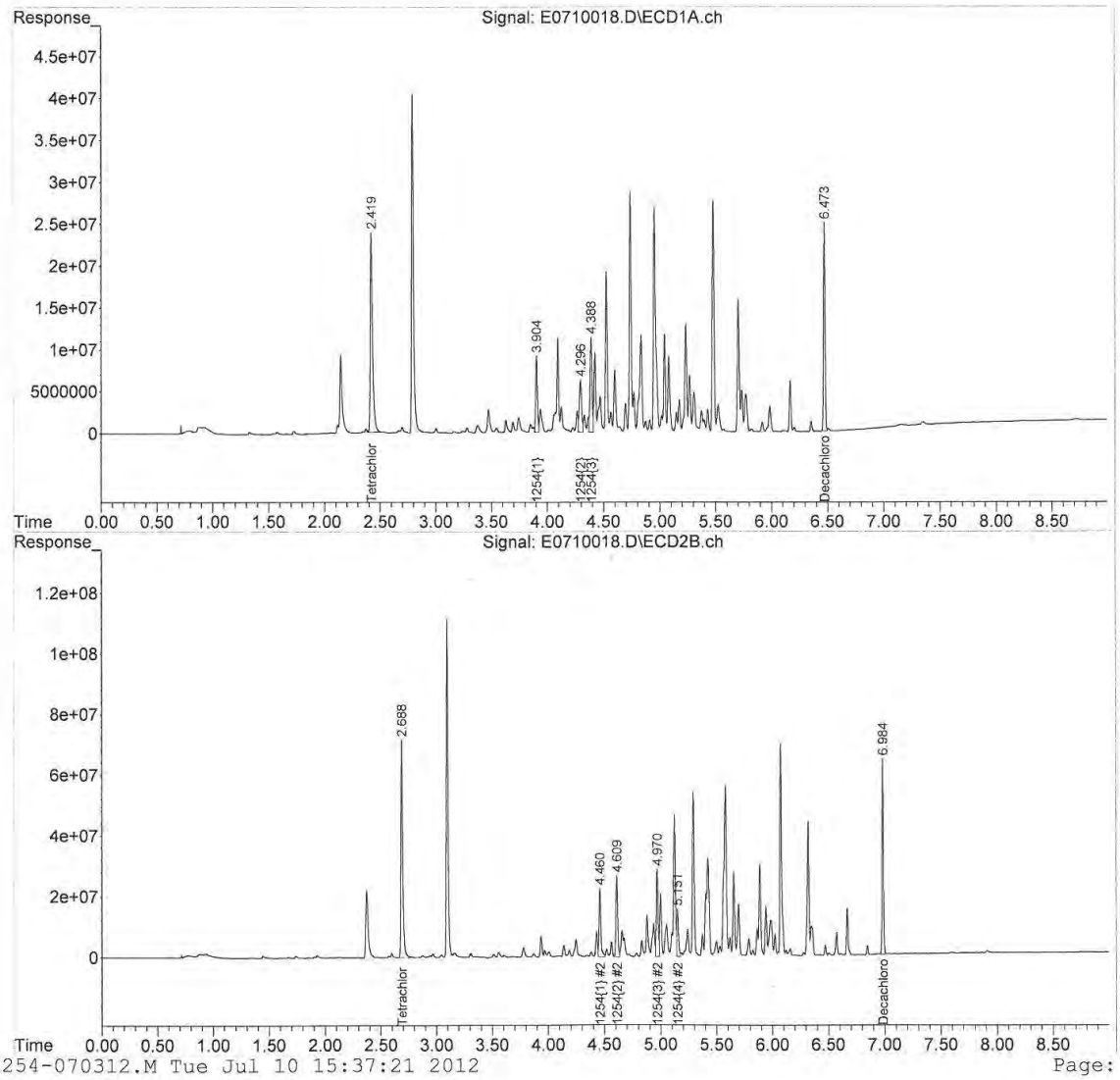


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : E0710018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 1:22 pm
Operator : JMB
Sample : 12G0087-24@20X Inst : ECD 5
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Jul 10 15:37:17 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Tue Jul 03 13:00:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

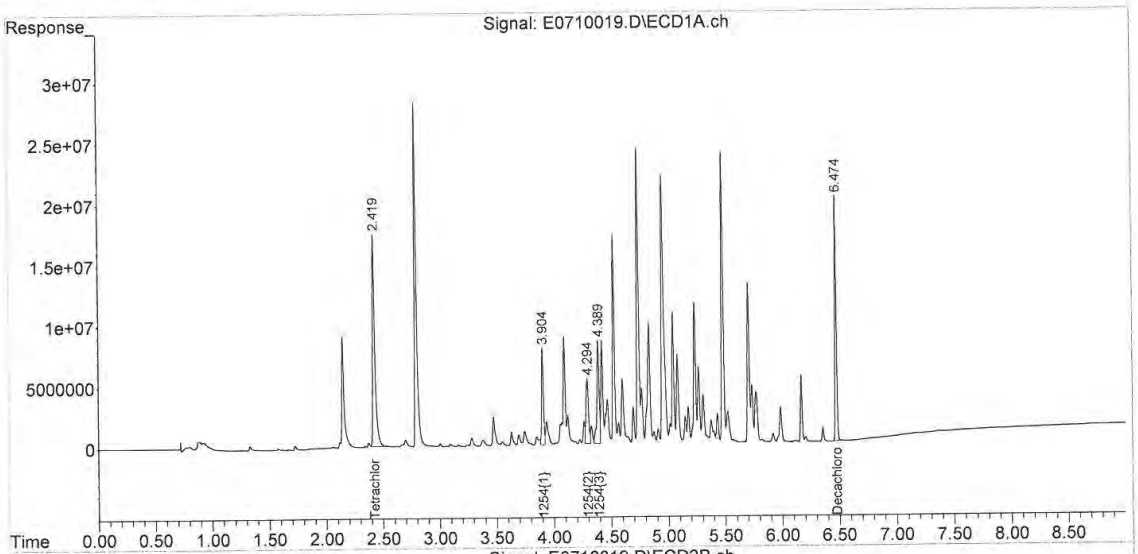


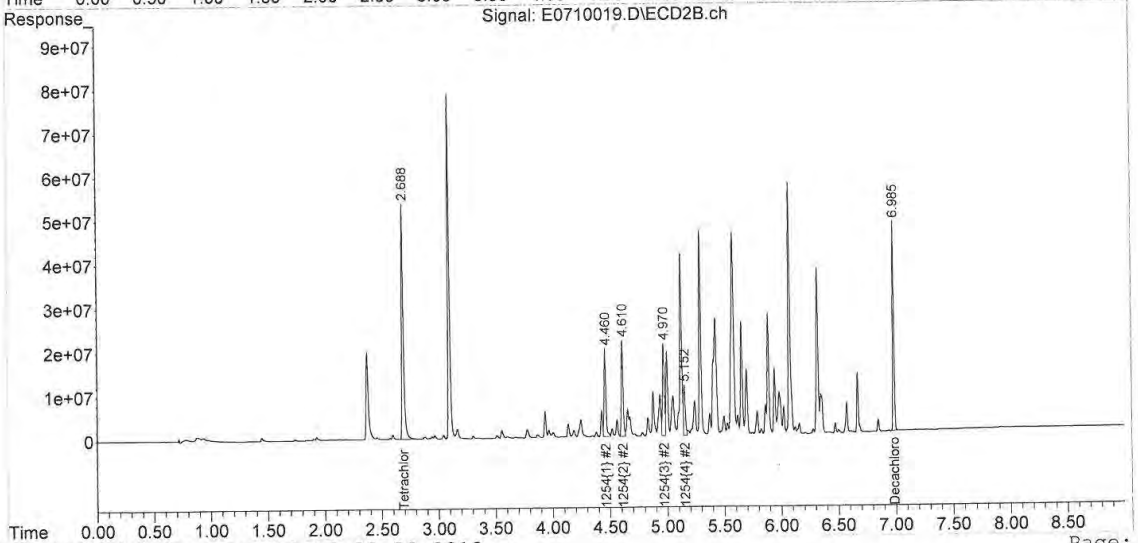
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : E0710019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 1:35 pm
Operator : JMB
Sample : 12G0087-25@25X Inst : ECD 5
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Jul 10 15:38:34 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Tue Jul 03 13:00:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



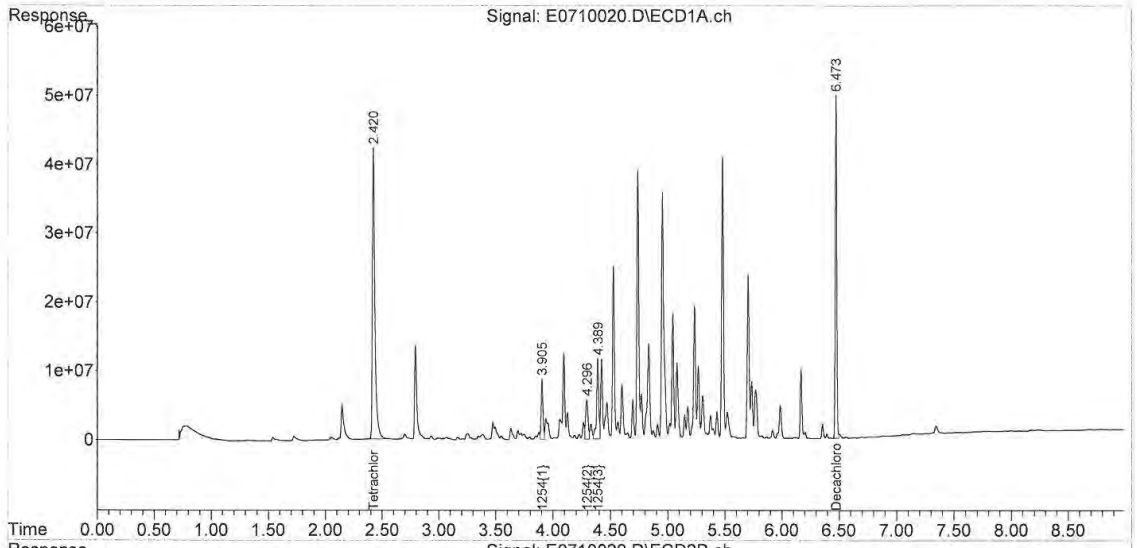


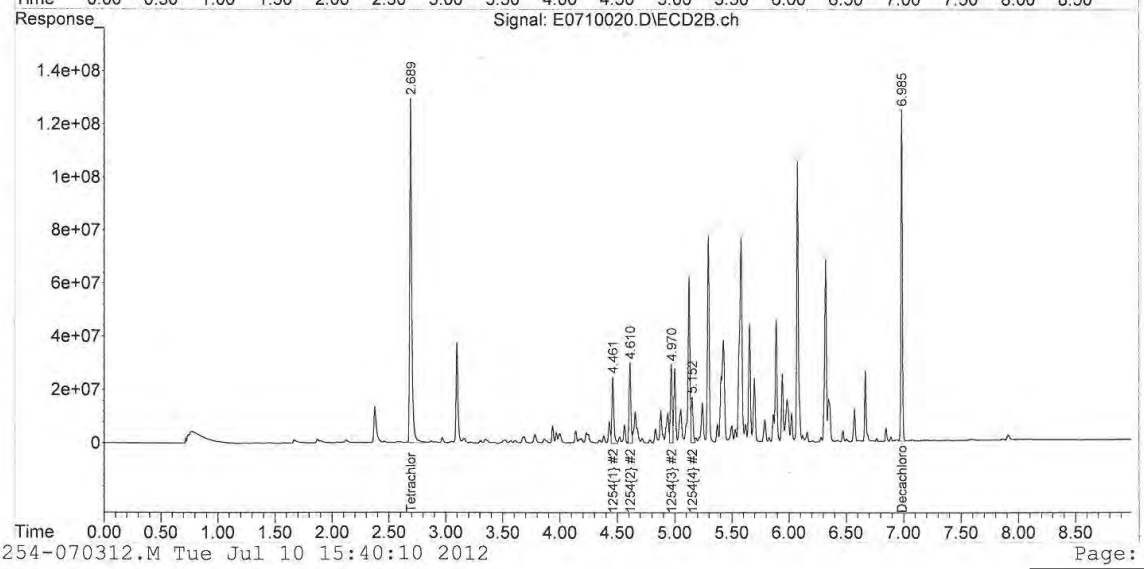
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : E0710020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 1:48 pm
Operator : JMB
Sample : 12G0087-27@10X TBA Inst : ECD 5
Misc :
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: 1254-F.E
Integration File signal 2: 1254-B.E
Quant Time: Jul 10 15:40:05 2012
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1254-070312.M
Quant Title : 1254 06/26/12 06/13/12
QLast Update : Tue Jul 03 13:00:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



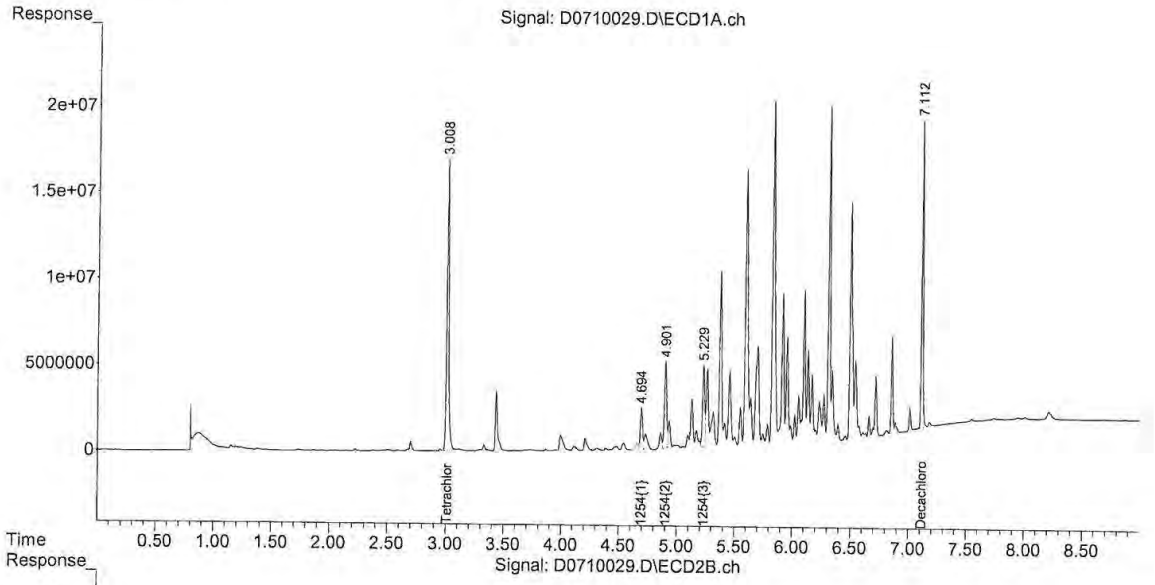


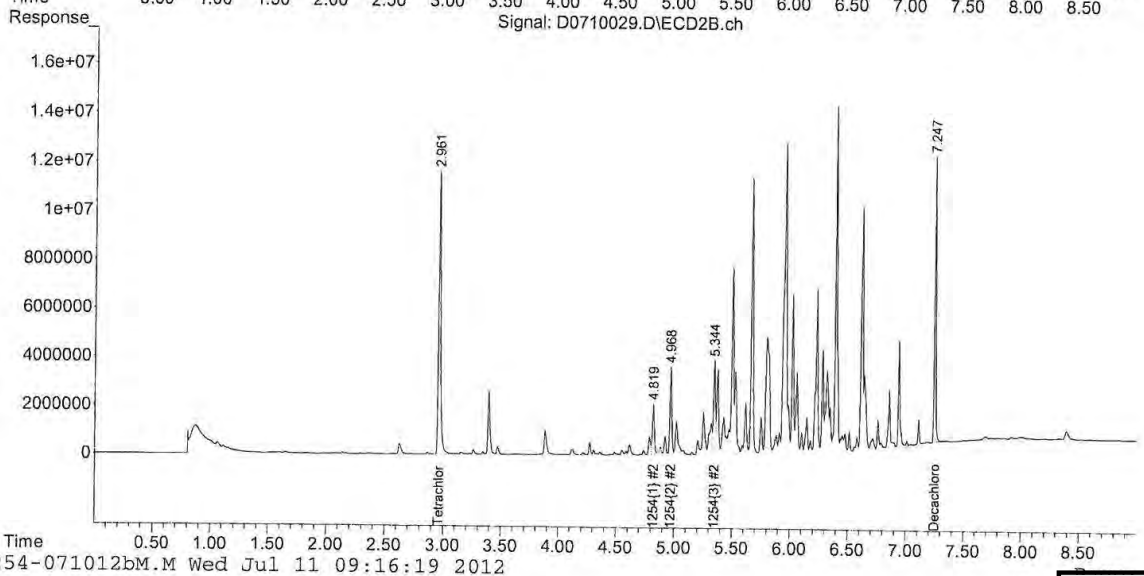
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : D0710029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 3:50 pm
Operator : JMB
Sample : 12G0087-03@25X Inst : ECD 4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 11 05:09:04 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-071012.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Fri Jun 29 14:40:54 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





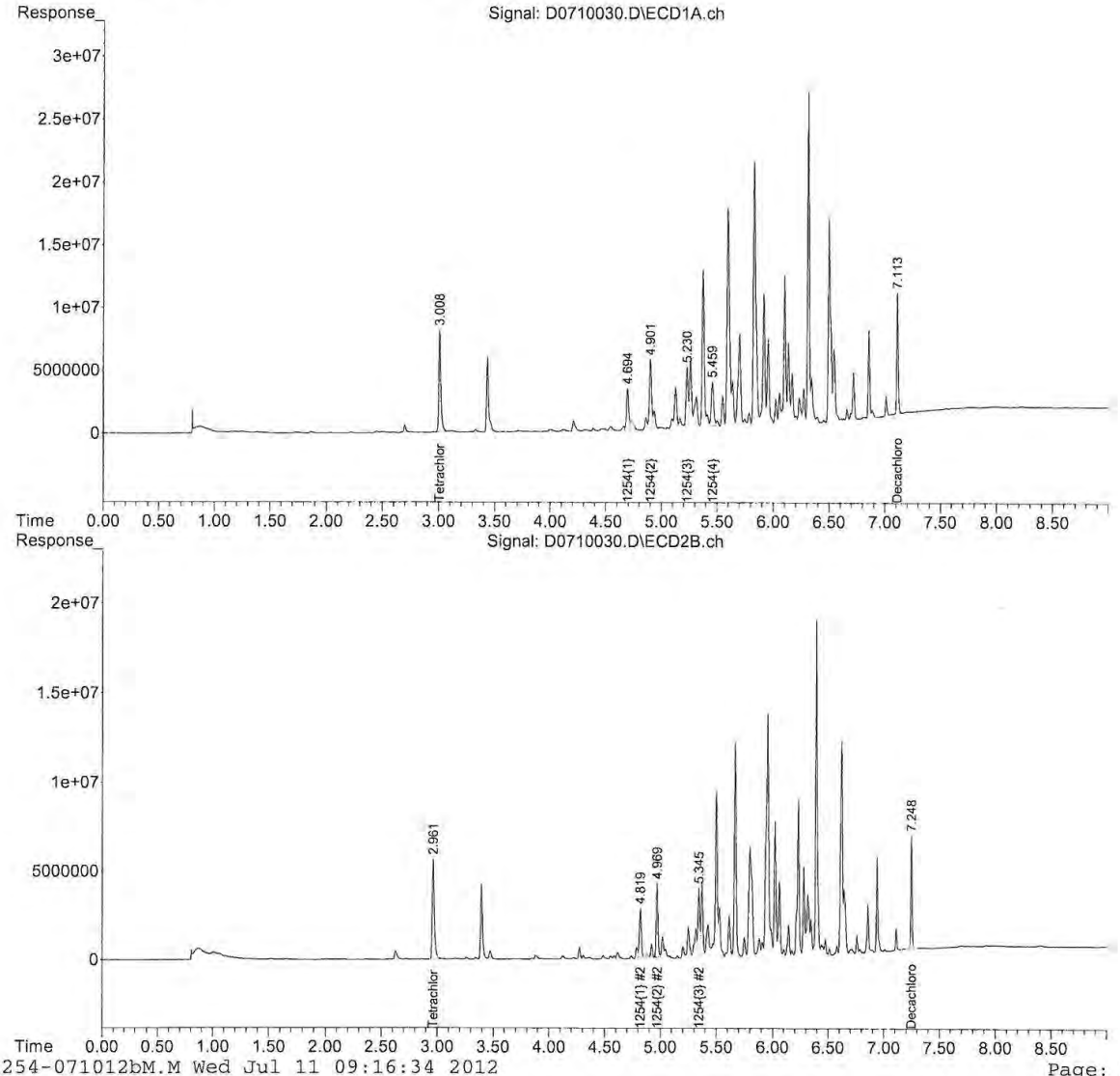
4-1254-071012bM.M Wed Jul 11 09:16:19 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : D0710030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 4:03 pm
Operator : JMB
Sample : 12G0087-10@25X Inst : ECD 4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 11 05:12:02 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-071012.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Fri Jun 29 14:40:54 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



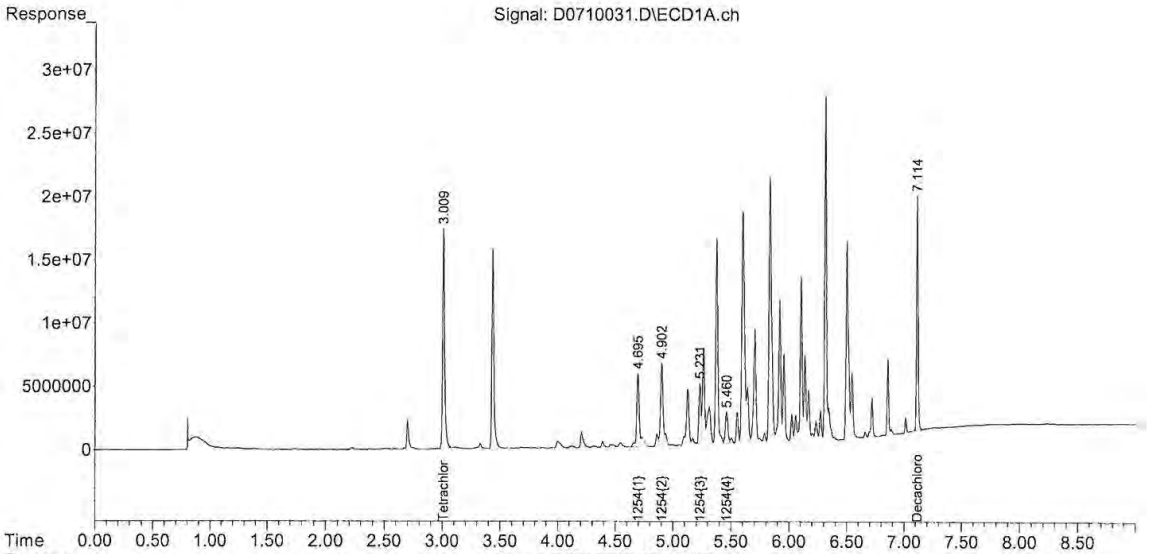
4-1254-071012bM.M Wed Jul 11 09:16:34 2012 Page: 2

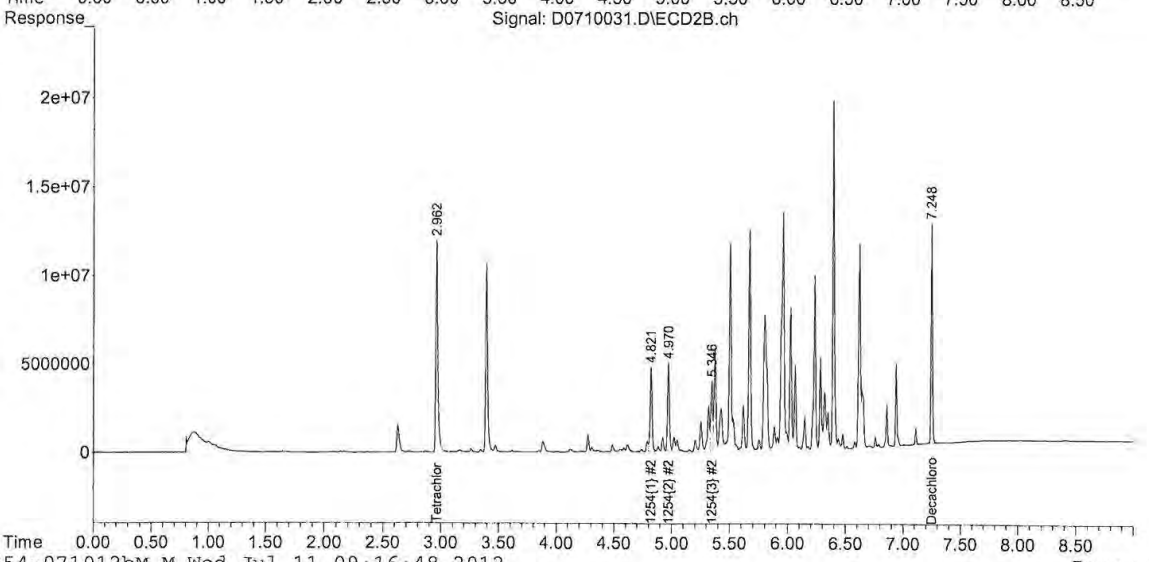
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : D0710031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 4:16 pm
Operator : JMB
Sample : 12G0087-11@25X Inst : ECD 4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 11 05:15:32 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-071012.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Fri Jun 29 14:40:54 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





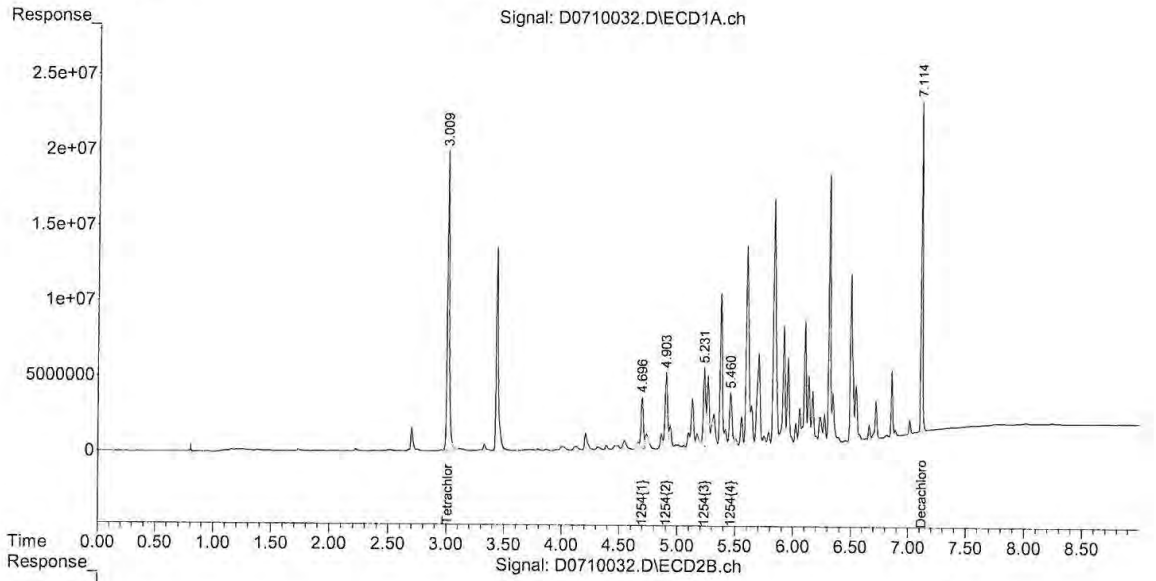
4-1254-071012bM.M Wed Jul 11 09:16:48 2012

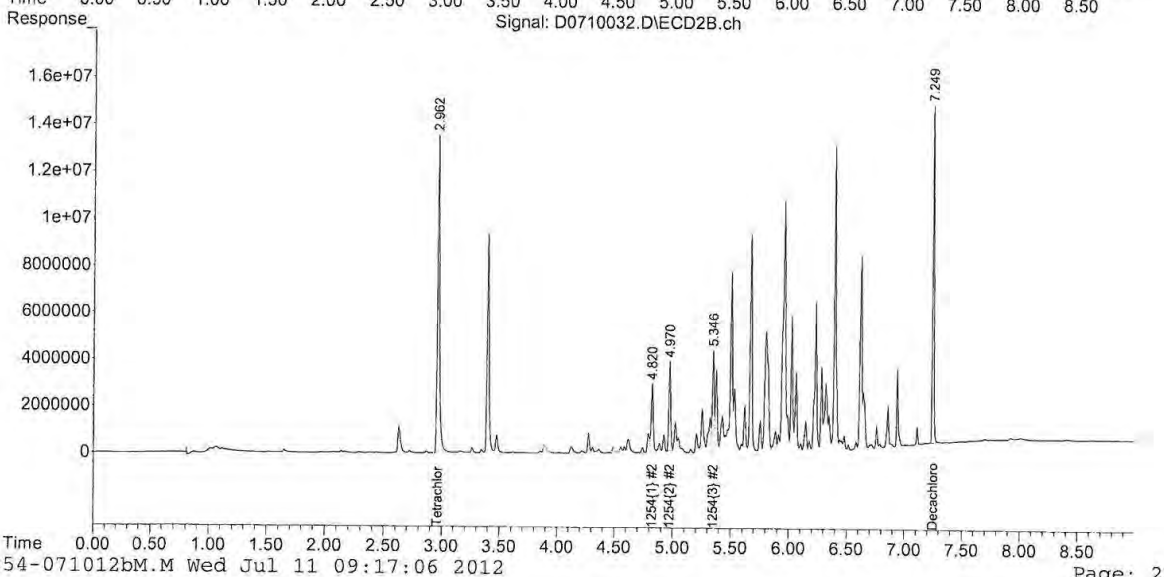
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : D0710032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 4:29 pm
Operator : JMB
Sample : 12G0087-15@25X Inst : ECD 4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 11 05:18:23 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-071012.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Fri Jun 29 14:40:54 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





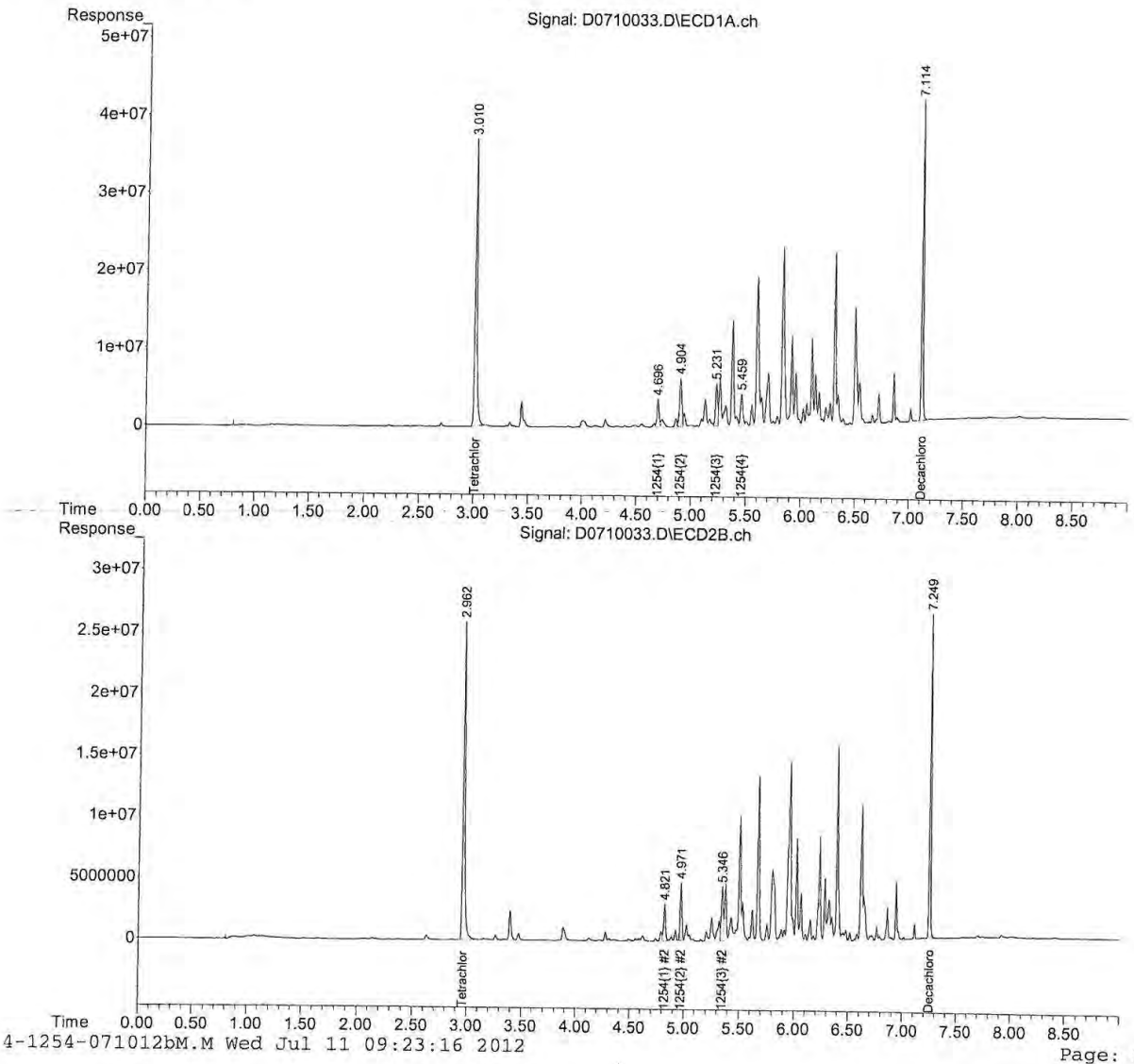
4-1254-071012bM.M Wed Jul 11 09:17:06 2012 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\071012\
Data File : D0710033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2012 4:42 pm
Operator : JMB
Sample : 12G0087-20@10x Inst : ECD 4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: 1254-B.E
Quant Time: Jul 11 05:22:04 2012
Quant Method : C:\msdchem\1\METHODS\pcb methods\4-1254-071012.M
DataAcq Meth:PCB01.M
Quant Title : 1254 05/07/12 06/13/12
QLast Update : Fri Jun 29 14:40:54 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



4-1254-071012bM.M Wed Jul 11 09:23:16 2012 Page: 2

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond (Berlin, CT)

Project Number: 12G0087

Laboratory Sample ID(s):

12G0087-01 thru 12G0087-28

Sample Date(s):

06/29/2012,
07/02/2012

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: Michael A. Erickson **Date:** 07/11/12

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 13, 2012

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond-NUSCO
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 12G0255

Enclosed are results of analyses for samples received by the laboratory on July 10, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 7/13/2012

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12G0255

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond-NUSCO

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B14-2 2.5-3.0ft	12G0255-01	Soil		SM 2540G	
				SW-846 8082A	
B14-3 4.5-5.0ft	12G0255-02	Soil		SM 2540G	
				SW-846 8082A	
B14-4 6.5-7.0ft	12G0255-03	Soil		SM 2540G	
				SW-846 8082A	
B13-2 2.0-2.5ft	12G0255-04	Soil		SM 2540G	
				SW-846 8082A	
B13-3 5.0-5.5ft	12G0255-05	Soil		SM 2540G	
				SW-846 8082A	
B13-4 7.0-7.5ft	12G0255-06	Soil		SM 2540G	
				SW-846 8082A	
B15-2 3.0-3.5ft	12G0255-07	Soil		SM 2540G	
				SW-846 8082A	
B15-3 5.0-5.5ft	12G0255-08	Soil		SM 2540G	
				SW-846 8082A	
B15-4 7.0-7.5ft	12G0255-09	Soil		SM 2540G	
				SW-846 8082A	
B16-2 3.5-4.0ft	12G0255-10	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aroclor-1260 [2C]

B054780-MSD1

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12G0255-10[B16-2 3.5-4.0ft]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-2 2.5-3.0ft Sampled: 6/26/2012 15:22

Sample ID: 12G0255-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1254 [2]	0.16	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1260 [2]	0.30	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:37	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.6	30-150		7/11/12 21:37
Decachlorobiphenyl [2]	96.3	30-150		7/11/12 21:37
Tetrachloro-m-xylene [1]	85.5	30-150		7/11/12 21:37
Tetrachloro-m-xylene [2]	96.6	30-150		7/11/12 21:37

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-2 2.5-3.0ft | Sampled: 6/26/2012 15:22

Sample ID: 12G0255-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-3 4.5-5.0ft Sampled: 6/26/2012 15:24

Sample ID: 12G0255-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 21:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.7	30-150		7/11/12 21:50
Decachlorobiphenyl [2]	95.7	30-150		7/11/12 21:50
Tetrachloro-m-xylene [1]	73.6	30-150		7/11/12 21:50
Tetrachloro-m-xylene [2]	83.2	30-150		7/11/12 21:50

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-3 4.5-5.0ft Sampled: 6/26/2012 15:24

Sample ID: 12G0255-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-4 6.5-7.0ft Sampled: 6/26/2012 15:26

Sample ID: 12G0255-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	79.1	30-150		7/11/12 22:03
Decachlorobiphenyl [2]	83.4	30-150		7/11/12 22:03
Tetrachloro-m-xylene [1]	86.0	30-150		7/11/12 22:03
Tetrachloro-m-xylene [2]	94.5	30-150		7/11/12 22:03

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B14-4 6.5-7.0ft | Sampled: 6/26/2012 15:26

Sample ID: 12G0255-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-2 2.0-2.5ft Sampled: 6/26/2012 15:12

Sample ID: 12G0255-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.2	30-150		7/11/12 22:16
Decachlorobiphenyl [2]	106	30-150		7/11/12 22:16
Tetrachloro-m-xylene [1]	93.5	30-150		7/11/12 22:16
Tetrachloro-m-xylene [2]	105	30-150		7/11/12 22:16

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-2 2.0-2.5ft | Sampled: 6/26/2012 15:12

Sample ID: 12G0255-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-3 5.0-5.5ft Sampled: 6/26/2012 15:14

Sample ID: 12G0255-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:29	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	69.3	30-150		7/11/12 22:29
Decachlorobiphenyl [2]	71.9	30-150		7/11/12 22:29
Tetrachloro-m-xylene [1]	69.9	30-150		7/11/12 22:29
Tetrachloro-m-xylene [2]	79.6	30-150		7/11/12 22:29

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-3 5.0-5.5ft | Sampled: 6/26/2012 15:14

Sample ID: 12G0255-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-4 7.0-7.5ft Sampled: 6/26/2012 15:16

Sample ID: 12G0255-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.9	30-150		7/11/12 22:42
Decachlorobiphenyl [2]	101	30-150		7/11/12 22:42
Tetrachloro-m-xylene [1]	82.6	30-150		7/11/12 22:42
Tetrachloro-m-xylene [2]	93.4	30-150		7/11/12 22:42

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B13-4 7.0-7.5ft Sampled: 6/26/2012 15:16

Sample ID: 12G0255-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-2 3.0-3.5ft Sampled: 6/27/2012 08:25

Sample ID: 12G0255-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1254 [2]	0.19	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1260 [2]	0.18	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 22:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.0	30-150		7/11/12 22:55
Decachlorobiphenyl [2]	105	30-150		7/11/12 22:55
Tetrachloro-m-xylene [1]	91.5	30-150		7/11/12 22:55
Tetrachloro-m-xylene [2]	103	30-150		7/11/12 22:55

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-2 3.0-3.5ft | Sampled: 6/27/2012 08:25

Sample ID: 12G0255-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.4		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-3 5.0-5.5ft Sampled: 6/27/2012 08:30

Sample ID: 12G0255-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1260 [2]	0.16	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.2	30-150		7/11/12 23:34
Decachlorobiphenyl [2]	107	30-150		7/11/12 23:34
Tetrachloro-m-xylene [1]	88.1	30-150		7/11/12 23:34
Tetrachloro-m-xylene [2]	100	30-150		7/11/12 23:34

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-3 5.0-5.5ft Sampled: 6/27/2012 08:30

Sample ID: 12G0255-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-4 7.0-7.5ft Sampled: 6/27/2012 08:32

Sample ID: 12G0255-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	7/10/12	7/11/12 23:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.3	30-150		7/11/12 23:47
Decachlorobiphenyl [2]	105	30-150		7/11/12 23:47
Tetrachloro-m-xylene [1]	87.4	30-150		7/11/12 23:47
Tetrachloro-m-xylene [2]	99.0	30-150		7/11/12 23:47

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Project Location: Berlin Settling Pond-NUSCO | Sample Description: | Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B15-4 7.0-7.5ft | Sampled: 6/27/2012 08:32

Sample ID: 12G0255-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.9		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B16-2 3.5-4.0ft Sampled: 6/27/2012 09:46

Sample ID: 12G0255-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1221 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1232 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1242 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1248 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1254 [2]	38	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1260 [1]	16	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1262 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB
Aroclor-1268 [1]	ND	4.7	mg/Kg dry	200		SW-846 8082A	7/10/12	7/12/12 13:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	7/12/12 13:32
Decachlorobiphenyl [2]	*	30-150	S-01	7/12/12 13:32
Tetrachloro-m-xylene [1]	*	30-150	S-01	7/12/12 13:32
Tetrachloro-m-xylene [2]	*	30-150	S-01	7/12/12 13:32

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Project Location: Berlin Settling Pond-NUSCO Sample Description: Work Order: 12G0255

Date Received: 7/10/2012

Field Sample #: B16-2 3.5-4.0ft Sampled: 6/27/2012 09:46

Sample ID: 12G0255-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	7/13/12	7/13/12 15:18	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12G0255-01 [B14-2 2.5-3.0ft]	B055030	07/13/12
12G0255-02 [B14-3 4.5-5.0ft]	B055030	07/13/12
12G0255-03 [B14-4 6.5-7.0ft]	B055030	07/13/12
12G0255-04 [B13-2 2.0-2.5ft]	B055030	07/13/12
12G0255-05 [B13-3 5.0-5.5ft]	B055030	07/13/12
12G0255-06 [B13-4 7.0-7.5ft]	B055030	07/13/12
12G0255-07 [B15-2 3.0-3.5ft]	B055030	07/13/12
12G0255-08 [B15-3 5.0-5.5ft]	B055030	07/13/12
12G0255-09 [B15-4 7.0-7.5ft]	B055030	07/13/12
12G0255-10 [B16-2 3.5-4.0ft]	B055030	07/13/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12G0255-01 [B14-2 2.5-3.0ft]	B054780	10.0	10.0	07/10/12
12G0255-02 [B14-3 4.5-5.0ft]	B054780	10.0	10.0	07/10/12
12G0255-03 [B14-4 6.5-7.0ft]	B054780	10.2	10.0	07/10/12
12G0255-04 [B13-2 2.0-2.5ft]	B054780	10.0	10.0	07/10/12
12G0255-05 [B13-3 5.0-5.5ft]	B054780	10.2	10.0	07/10/12
12G0255-06 [B13-4 7.0-7.5ft]	B054780	10.0	10.0	07/10/12
12G0255-07 [B15-2 3.0-3.5ft]	B054780	10.1	10.0	07/10/12
12G0255-08 [B15-3 5.0-5.5ft]	B054780	10.1	10.0	07/10/12
12G0255-09 [B15-4 7.0-7.5ft]	B054780	10.3	10.0	07/10/12
12G0255-10 [B16-2 3.5-4.0ft]	B054780	10.0	10.0	07/10/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B054780 - SW-846 3540C										
Blank (B054780-BLK1)				Prepared: 07/10/12 Analyzed: 07/11/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg wet	0.200		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.157*		mg/Kg wet	0.200		78.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.7	30-150			
LCS (B054780-BS1)				Prepared: 07/10/12 Analyzed: 07/11/12						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		95.2	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		86.0	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		97.0	40-140			
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.193*		mg/Kg wet	0.200		96.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.166*		mg/Kg wet	0.200		83.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.3	30-150			
LCS Dup (B054780-BSD1)				Prepared: 07/10/12 Analyzed: 07/11/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140	5.90	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		110	40-140	6.99	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.1	40-140	8.99	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140	8.69	30	
Surrogate: Decachlorobiphenyl	*0.194*		mg/Kg wet	0.200		97.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		98.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B054780 - SW-846 3540C											
Matrix Spike (B054780-MS1)	**Source: 12G0255-01**			Prepared: 07/10/12 Analyzed: 07/12/12							
Aroclor-1016	0.24	0.11	mg/Kg dry	0.227	0.0	106		40-140			
Aroclor-1016 [2C]	0.26	0.11	mg/Kg dry	0.227	0.0	116		40-140			
Aroclor-1260	0.37	0.11	mg/Kg dry	0.227	0.26	48.6		40-140			
Aroclor-1260 [2C]	0.44	0.11	mg/Kg dry	0.227	0.30	60.2		40-140			
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg dry	0.227		99.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.246*		mg/Kg dry	0.227		108		30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg dry	0.227		89.9		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.232*		mg/Kg dry	0.227		102		30-150			
Matrix Spike Dup (B054780-MSD1)	**Source: 12G0255-01**			Prepared: 07/10/12 Analyzed: 07/12/12							
Aroclor-1016	0.24	0.11	mg/Kg dry	0.227	0.0	106		40-140	0.170	50	
Aroclor-1016 [2C]	0.26	0.11	mg/Kg dry	0.227	0.0	115		40-140	0.566	50	
Aroclor-1260	0.56	0.11	mg/Kg dry	0.227	0.26	135		40-140	41.8	50	
Aroclor-1260 [2C]	0.66	0.11	mg/Kg dry	0.227	0.30	**156**	*	40-140	39.9	50	MS-11
Surrogate: Decachlorobiphenyl	*0.206*		mg/Kg dry	0.227		90.7		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg dry	0.227		98.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg dry	0.227		88.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.228*		mg/Kg dry	0.227		101		30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B055030 - % Solids										
Duplicate (B055030-DUP1)	**Source: 12G0255-01**		Prepared & Analyzed: 07/13/12							
% Solids	86.4		% Wt		88.2			2.11	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

12G0255

CHAIN OF CUSTODY RECORD

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

Page 12 of 27

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Duigou
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Nate Philippi

DATA DELIVERY (check all that apply)
O FAX O EMAIL O WEBSITE
Fax # sorokca@nu.com
Email: duigouj@wseinc.com
Format: ◉ PDF ◉ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

ORIGINAL

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	# of Containers	** Preservation	***Container Code
12F0988-11	B13-2 2.0-2.5	6/26/12	1512	-04	X	S	U	✓	✓			
-12	B13-3 5.0-5.5	|	1514	-05	|	|	|	|	|			
-13	B13-4 7.0-7.5	|	1516	-06	|	|	|	|	|			
-07	B14-2 2.5-3.0	|	1522	-01	|	|	|	|	|			
-08	B14-3 4.5-5.0	|	1524	-02	|	|	|	|	|			
-09	B14-4 6.5-7.0	↓	1526	-03	|	|	|	|	|			
-43	B15-2 3.0-3.5	6/27/12	0825	-07	|	|	|	|	|			
-44	B15-3 5.0-5.5	|	0830	-08	|	|	|	|	|			
-45	B15-4 7.0-7.5	|	0832	-09	|	|	|	|	|			
12F0988-119	B16-2 3.5-4.0	↓	0946	-10	↓	↓	↓	↓	↓			

ANALYSIS REQUESTED

1 # of Containers
I ** Preservation
A ***Container Code

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: * Please Activate ; lab has Samples
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/4/12	400pm
Received by: (signature)	Date/Time:
[signature] 7/3/12	400pm
Relinquished by: (signature)	Date/Time:
[signature] 7/3/12	5??
Received by: (signature)	Date/Time:
[signature] 7/3/12	1715

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: 0.25 mg/kg
_____
Other: _____

Is your project MCP or RCP ?
O MCP Form Required
◉ RCP Form Required
O MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: SD DATE: 10/28/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
2) Does the chain agree with the samples? Yes (No)
If not, explain:
3) Are all the samples in good condition? (Yes) No
If not, explain:
4) How were the samples received:
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun (S.D) 4.5.7
5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) Do all samples have the proper Acid pH: Yes No (N/A)
9) Do all samples have the proper Base pH: Yes No (N/A)
10) Was the PC notified of any discrepancies with the CoC vs the samples: (Yes) No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	134
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Missing the 6th and 10th sample. Samples on the last page have no depth or time to go by.

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

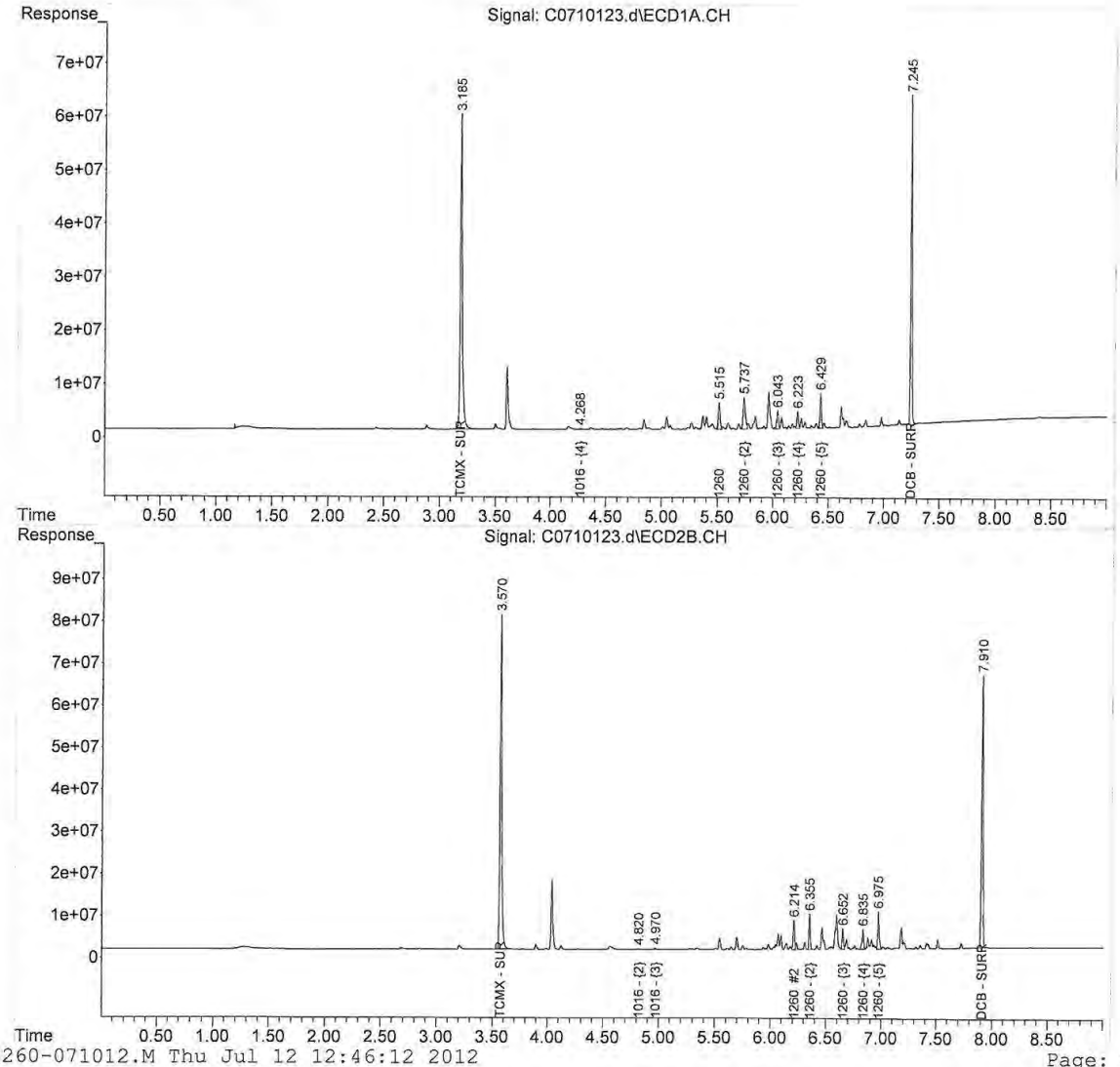
Doc# 277
Rev. 3 May 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710123.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 21:37 pm
Operator : JMB
Sample : 12G0255-01@5X Inst : DUAL ECD3
Misc :
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:33 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

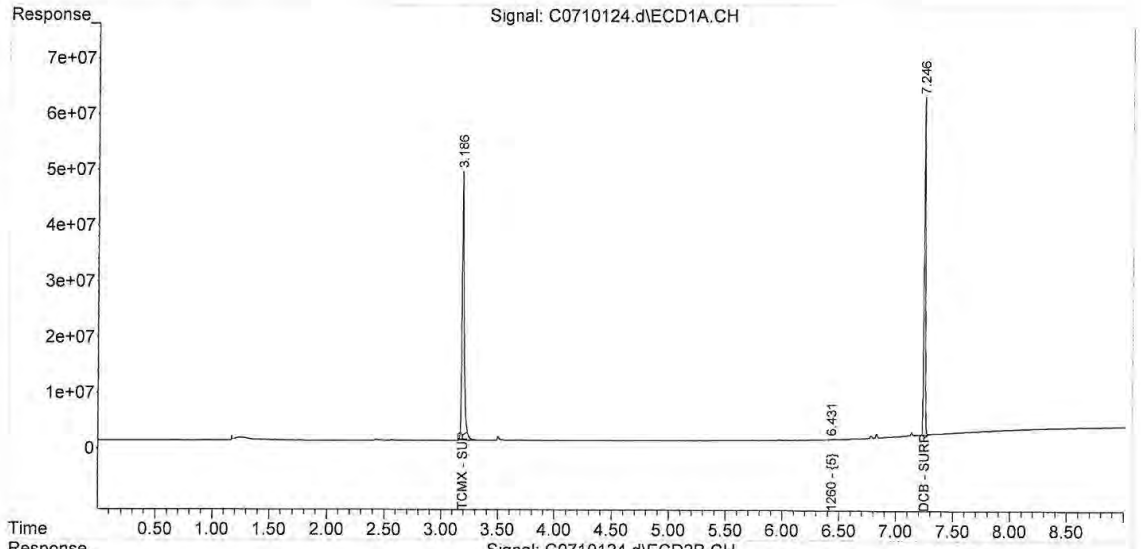


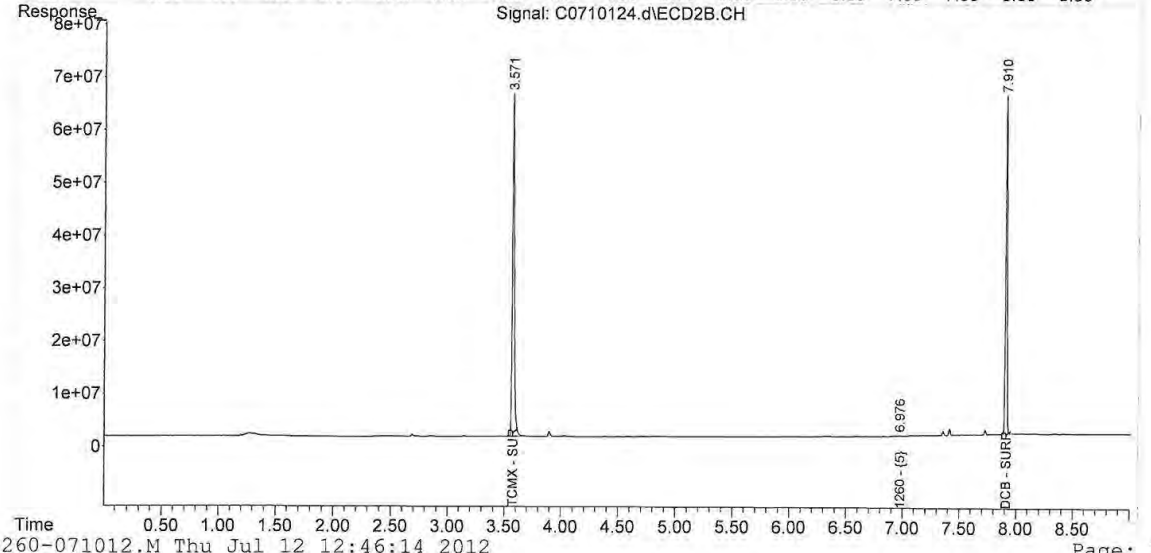
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710124.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 21:50 pm
Operator : JMB
Sample : 12G0255-02@5X Inst : DUAL ECD3
Misc :
ALS Vial : 26 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:35 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



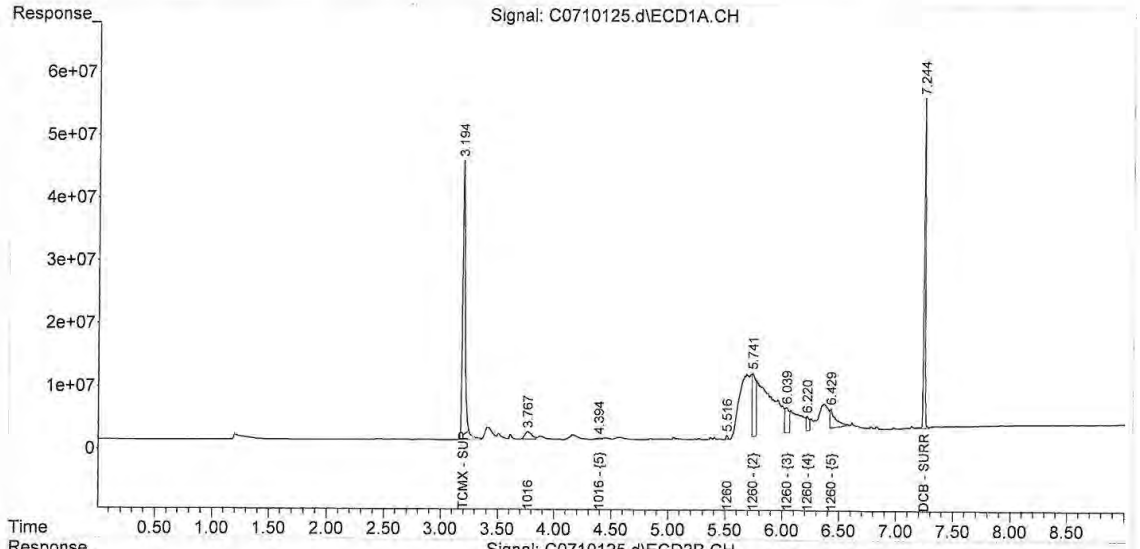


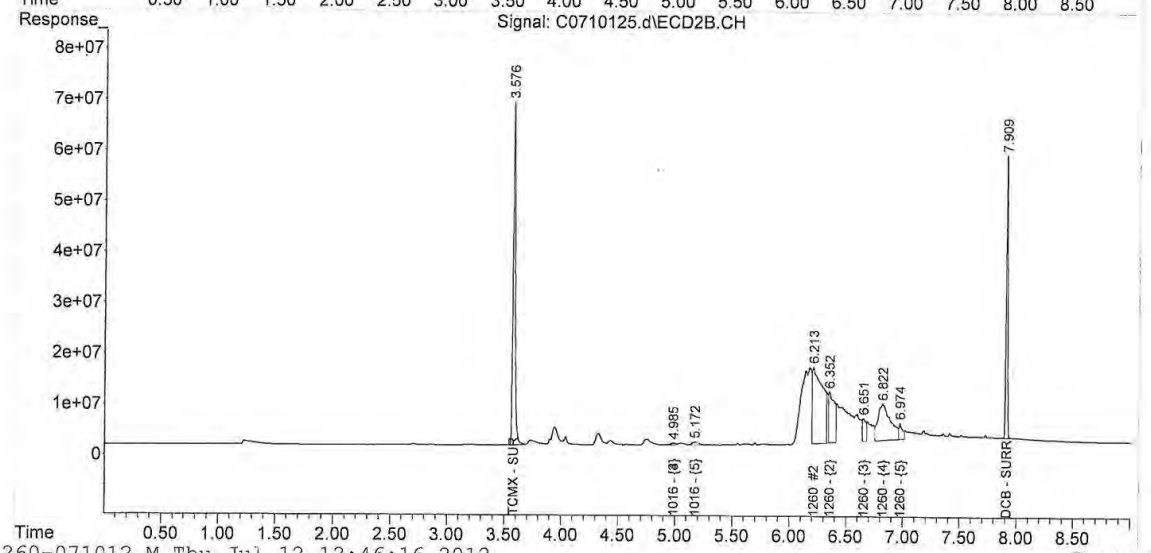
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710125.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 22:03 pm
Operator : JMB
Sample : 12G0255-03@5X Inst : DUAL ECD3
Misc :
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:37 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



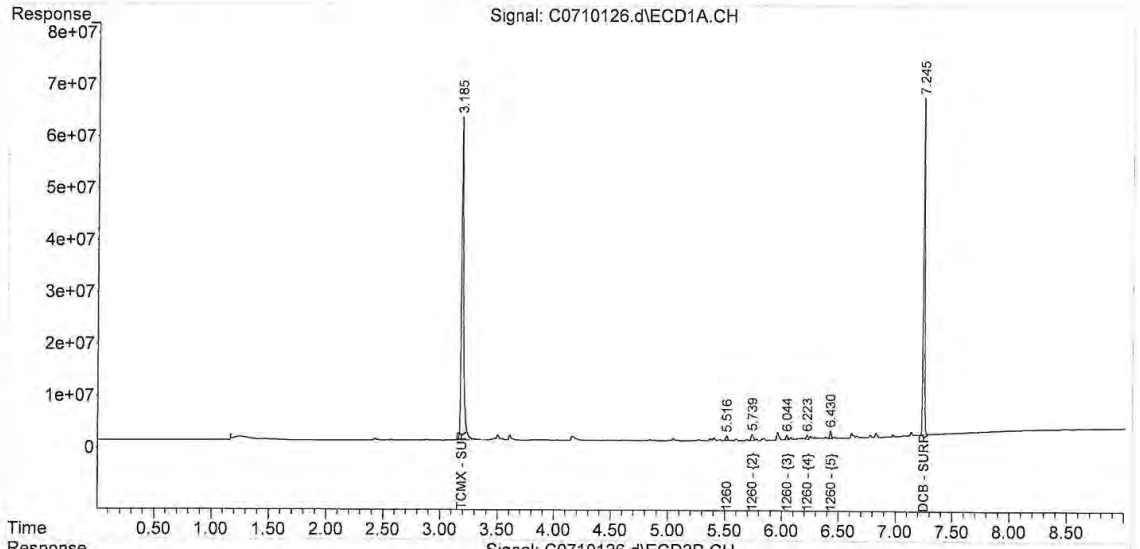


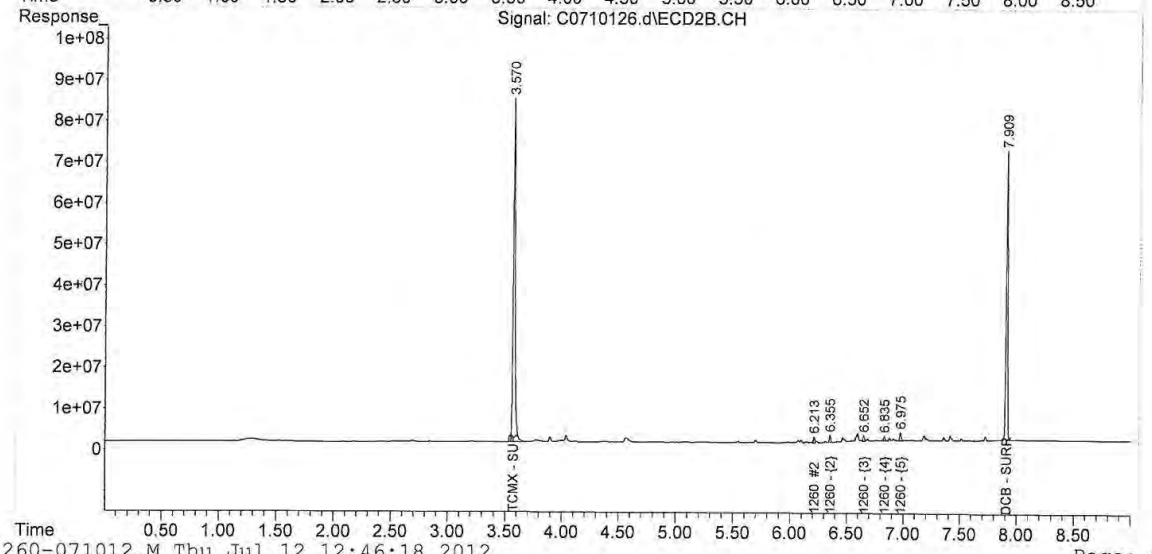
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710126.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 22:16 pm
Operator : JMB
Sample : 12G0255-04@5X Inst : DUAL ECD3
Misc :
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:39 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





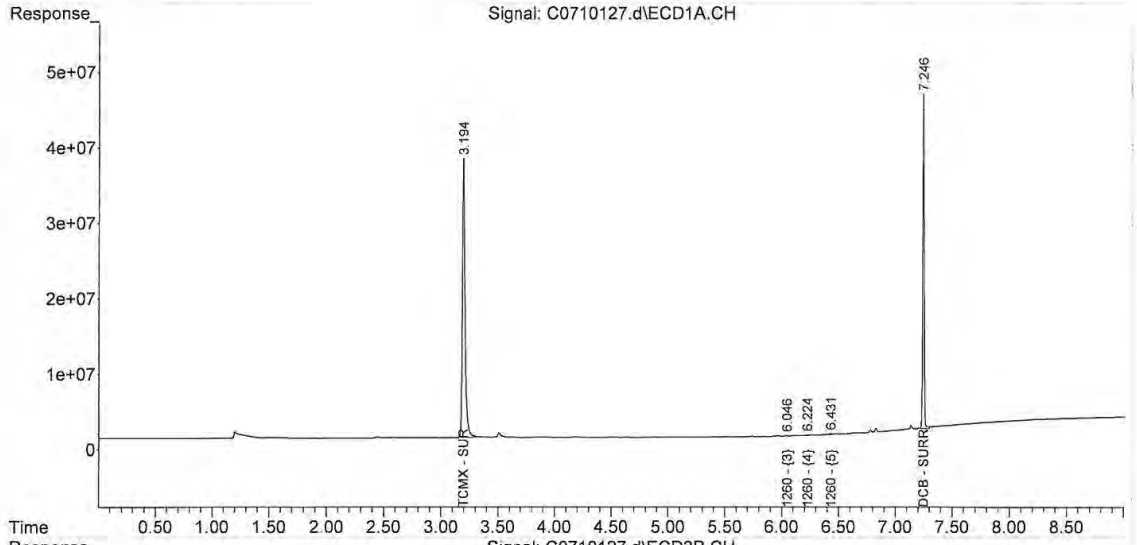
3-1260-071012.M Thu Jul 12 12:46:18 2012 Page: 2

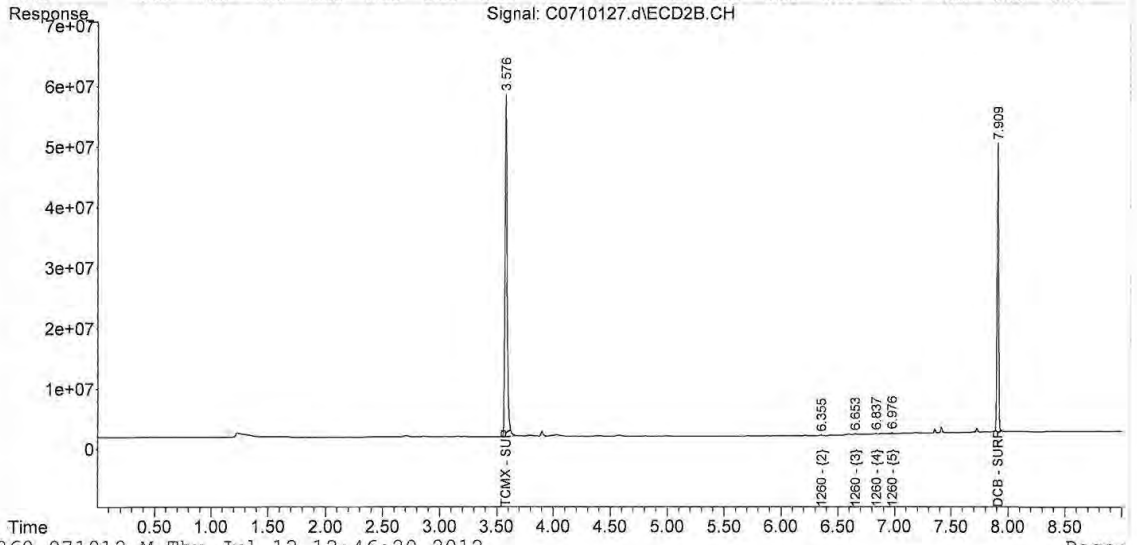
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710127.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 22:29 pm
Operator : JMB
Sample : 12G0255-05@5X Inst : DUAL ECD3
Misc :
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:41 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



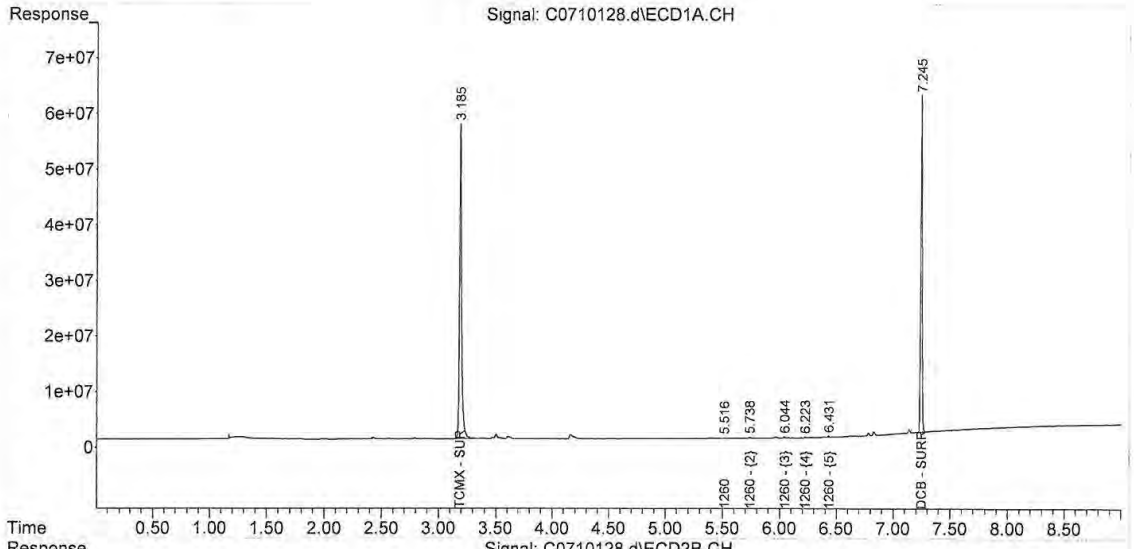


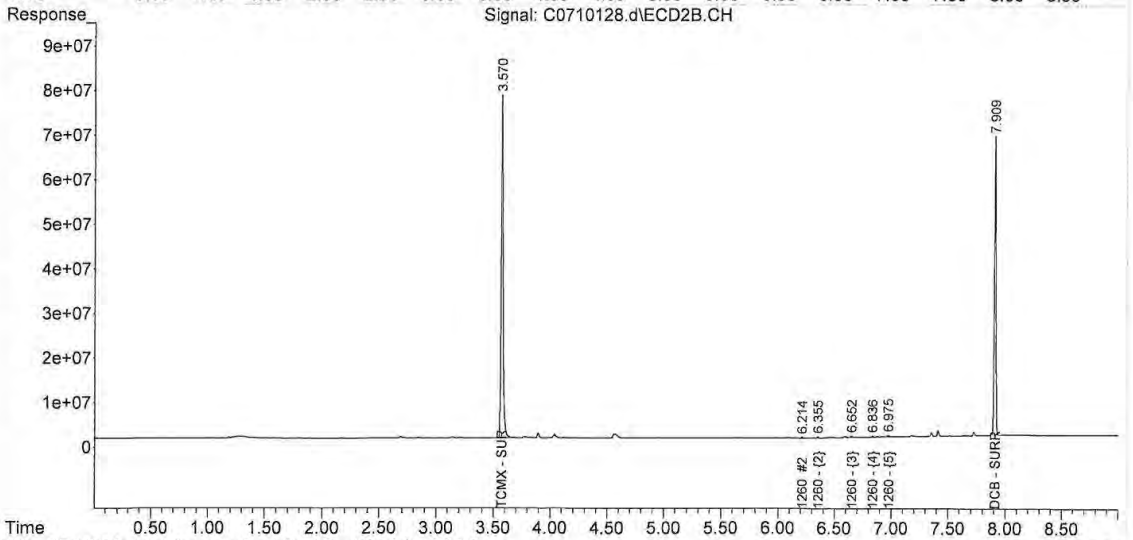
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710128.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 22:42 pm
Operator : JMB
Sample : 12G0255-06@5X Inst : DUAL ECD3
Misc :
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:43 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



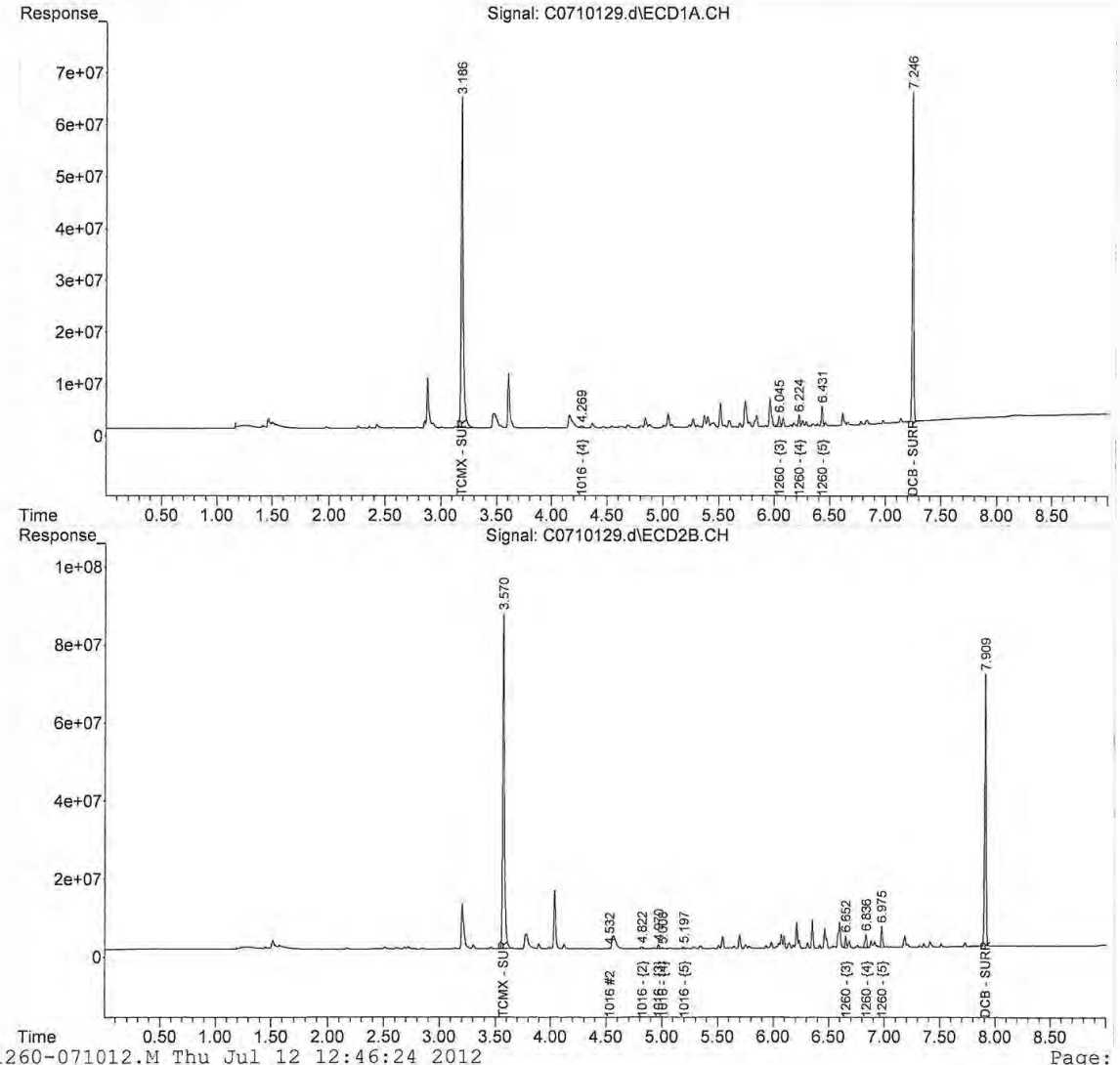


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710129.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 22:55 pm
Operator : JMB
Sample : 12G0255-07@5X Inst : DUAL ECD3
Misc :
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 11:38:47 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



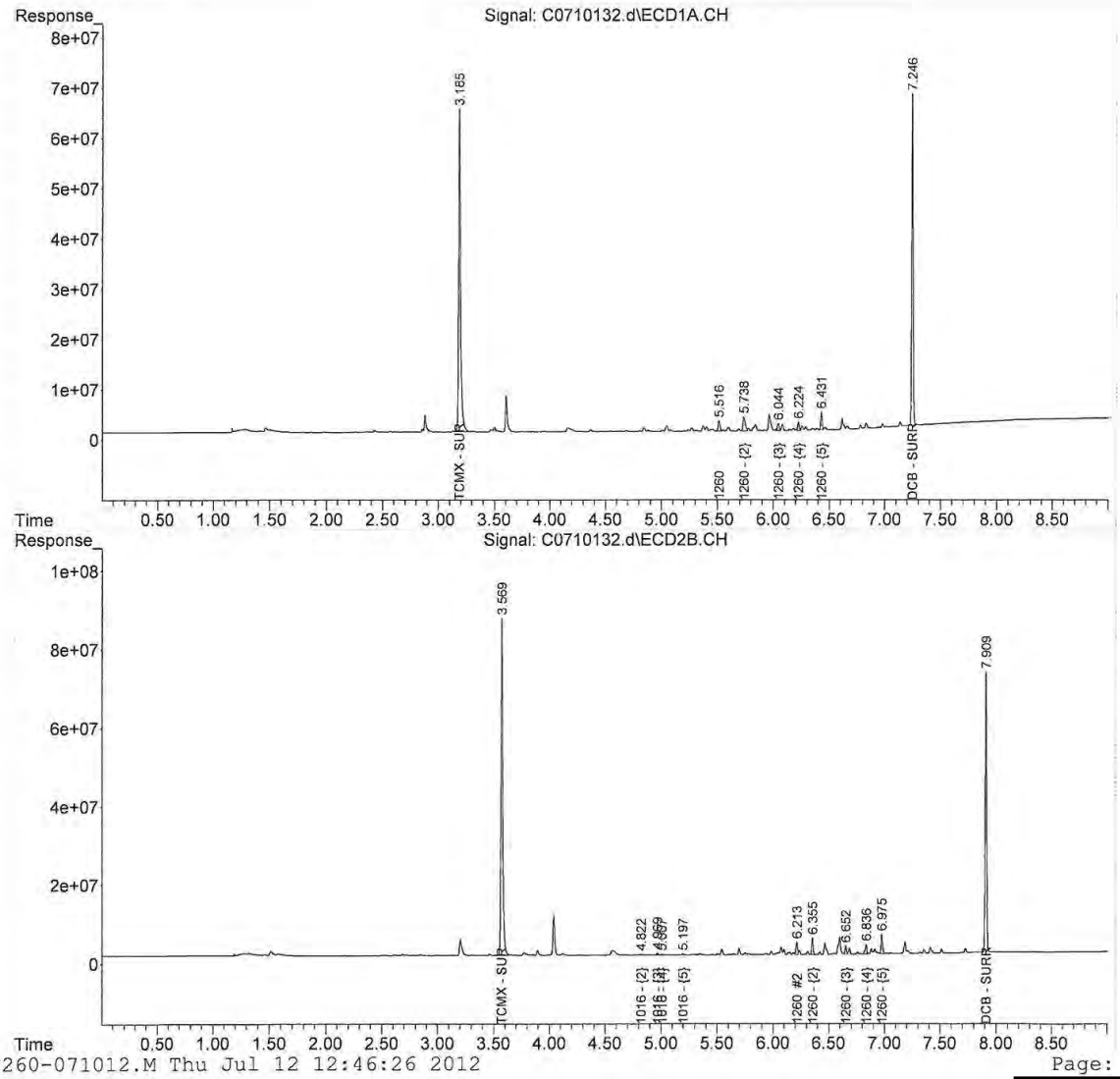
3-1260-071012.M Thu Jul 12 12:46:24 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710132.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 23:34 pm
Operator : JMB
Sample : 12G0255-08@5X Inst : DUAL ECD3
Misc :
ALS Vial : 34 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:51 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

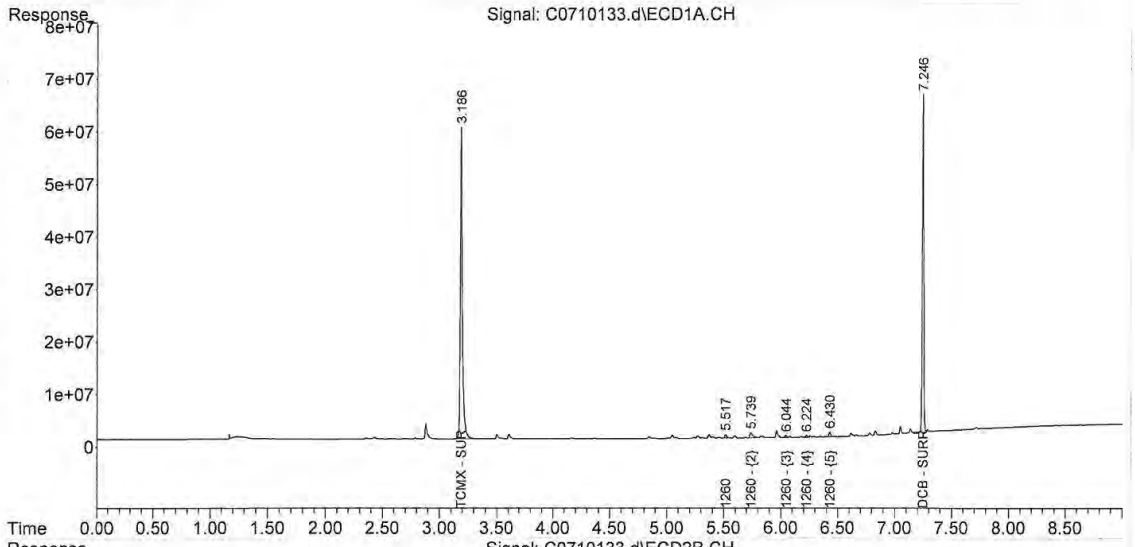


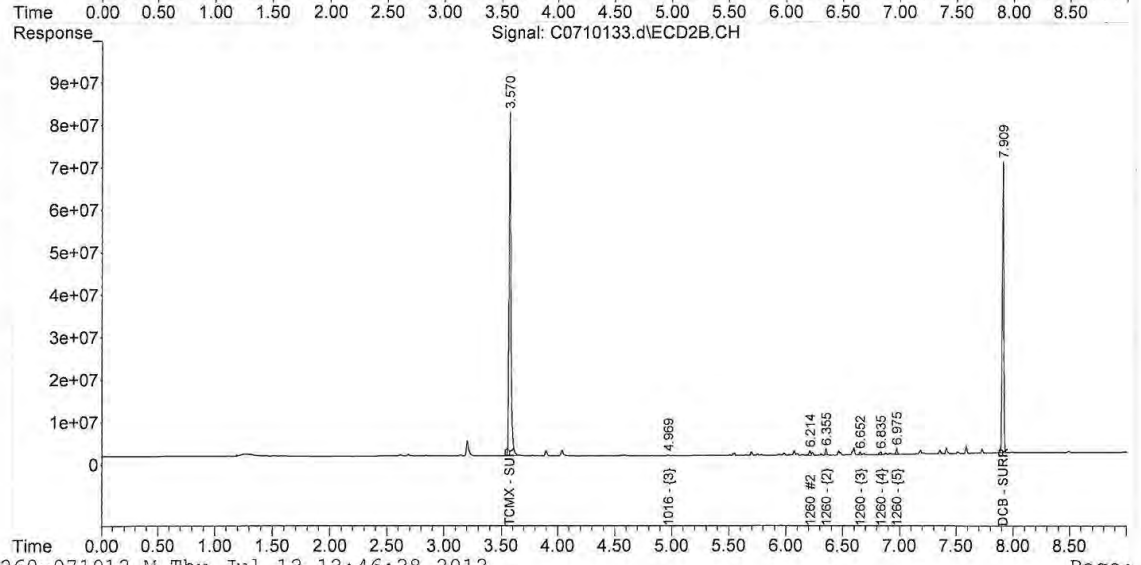
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710133.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 23:47 pm
Operator : JMB
Sample : 12G0255-09@5X Inst : DUAL ECD3
Misc :
ALS Vial : 35 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:53 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





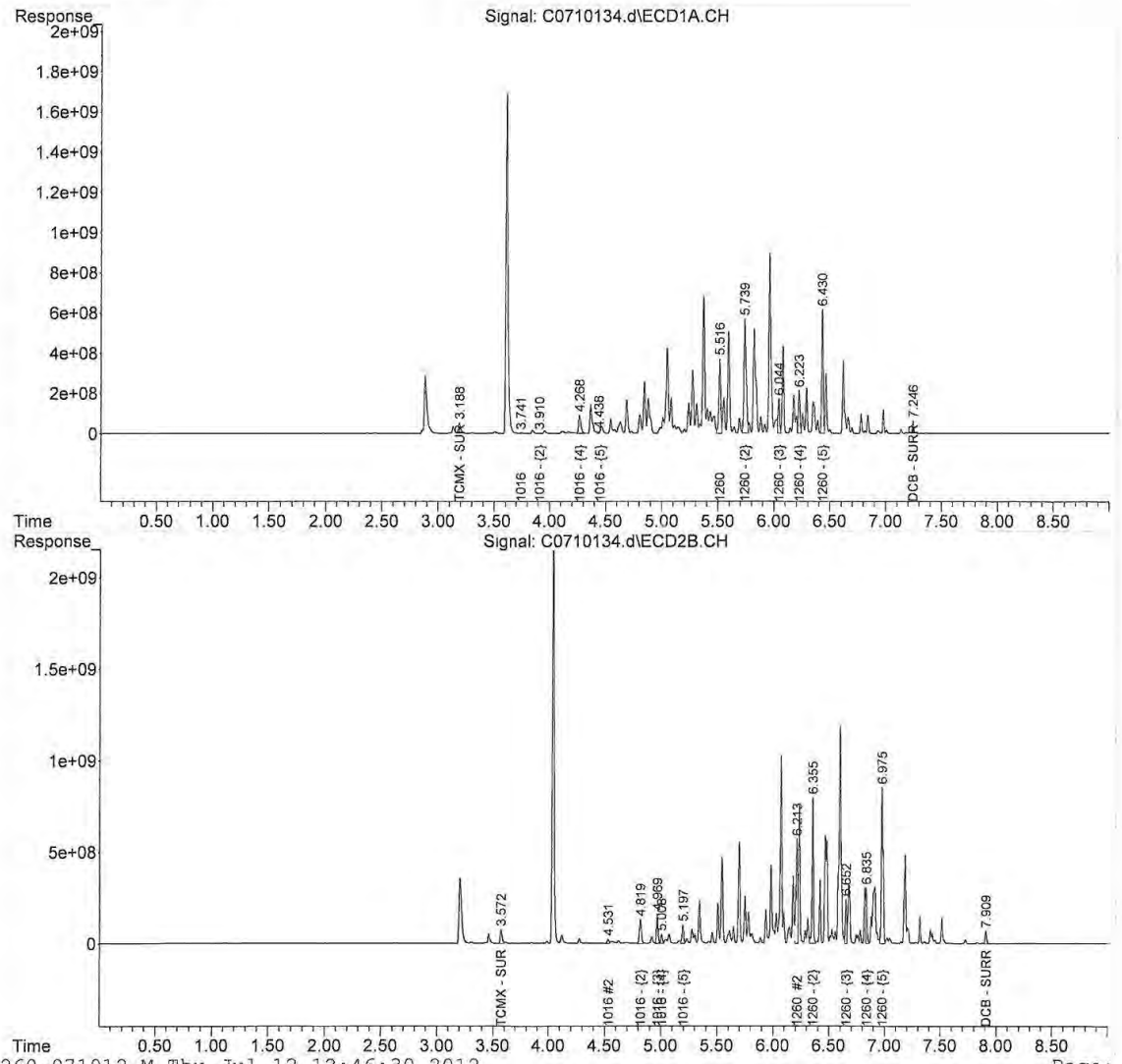
3-1260-071012.M Thu Jul 12 12:46:28 2012 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\071012A\
Data File : C0710134.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Jul 2012 23:59 pm
Operator : JMB
Sample : 12G0255-10@5X Inst : DUAL ECD3
Misc :
ALS Vial : 36 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Jul 12 05:14:55 2012
Quant Method : C:\msdchem\1\methods\3-1260-071012.M
Quant Title : 1260/1016 06/29/12 05/10/12
QLast Update : Fri Jun 29 18:22:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond-NUSCO

Project Number: 12G0255

Laboratory Sample ID(s):

12G0255-01 thru 12G0255-10

Sample Date(s):

06/26/2012,
06/27/2012

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Laboratory Director**

Printed Name: **Michael A. Erickson** **Date:** **07/13/12**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 8, 2014

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 14D0730

Enclosed are results of analyses for samples received by the laboratory on April 18, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/8/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0730

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B100-3	14D0730-04	Soil		SM 2540G SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0730

Date Received: 4/18/2014

Field Sample #: B100-3 | Sampled: 4/18/2014 10:16

Sample ID: 14D0730-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/2/14	5/5/14 14:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		5/5/14 14:57
Decachlorobiphenyl [2]	97.9	30-150		5/5/14 14:57
Tetrachloro-m-xylene [1]	93.4	30-150		5/5/14 14:57
Tetrachloro-m-xylene [2]	90.7	30-150		5/5/14 14:57

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0730

Date Received: 4/18/2014

Field Sample #: B100-3 | Sampled: 4/18/2014 10:16

Sample ID: 14D0730-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	5/2/14	5/5/14 16:13	AKS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
14D0730-04 [B100-3]	B094967	05/02/14

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0730-04 [B100-3]	B094966	10.1	10.0	05/02/14

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094966 - SW-846 3540C										
Blank (B094966-BLK1)				Prepared: 05/02/14 Analyzed: 05/05/14						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg wet	0.200		89.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg wet	0.200		91.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.174*		mg/Kg wet	0.200		87.2	30-150			
LCS (B094966-BS1)				Prepared: 05/02/14 Analyzed: 05/05/14						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		101	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		98.8	40-140			
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		103	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		98.6	40-140			
Surrogate: Decachlorobiphenyl	*0.219*		mg/Kg wet	0.200		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.205*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg wet	0.200		100	30-150			
LCS Dup (B094966-BSD1)				Prepared: 05/02/14 Analyzed: 05/05/14						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		91.5	40-140	10.1	30	
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		90.8	40-140	8.44	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.5	40-140	7.66	30	
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		91.2	40-140	7.76	30	
Surrogate: Decachlorobiphenyl	*0.191*		mg/Kg wet	0.200		95.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg wet	0.200		87.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg wet	0.200		88.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.172*		mg/Kg wet	0.200		86.2	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14D0730

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473

Address: 273 Dividend Rd Project # 860 513-1483

Rocky Hill, CT 06067 Client PO# 02261127

Attention: Jeff Willson

Project Location: Berlin Settling Pond (Berlin, CT)

Sampled By: J. Willson / W. Sirotnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
01	B99-3	4/18/14	0942		X	S	U		X	X	1	I	A
02	-4		0944		X				X	X			
03	-5		0946		X				X	X			
04	B100-3		1016										
05	-4		1018										
06	-5		1020										
07	B104-4		1158										
08	B104-5		1200										
09	B106-3		1350										
10	B106-5		1354										

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
J Willson 4/18/14	1605
Received by: (signature)	Date/Time:
Paul Racicot 4/18/14	1605
Relinquished by: (signature)	Date/Time:
Paul Racicot 4/18/14	17:05
Received by: (signature) 3.3C	Date/Time:
Rebecca Wust 4/18/14	1705

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14D0730

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J. Willson / W. Sirofnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
11	B110-3	4/18/14	1430		X	S	U		X	X	1	I	A
12	↓ -4	↓	1432	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
13	B108-3		1506										
14	↓ -4		1508										
15	↓ -5	↓	1510										
16	DUP-101	↓	—		↓	↓	↓		↓	↓			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	J Willson 4/18/14	Date/Time: 1665
Received by: (signature)	Paul Racicot 4/18/14	Date/Time: 1605
Relinquished by: (signature)	Paul Racicot 4/18/14	Date/Time: 17:05
Received by: (signature)	Rebecca Sirofnak 3.5°C 4/18/14	Date/Time: 1705

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: _____
_____
Connecticut: _____
_____
Other: _____

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA ACCREDITED LABORATORY
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East Longmeadow, MA. 01028
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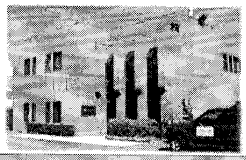


Sample Receipt Checklist

CLIENT NAME: Northeast Utilities **RECEIVED BY:** RLF **DATE:** 4/18/14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.5°C

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	10
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

RLF 4/18/14 1755

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

Company Name: Weston and Sampson (for NUSCO)
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By:

Telephone: 860 513-1473
Project # 860 513-1483
Client PO# 02261127

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: sorokca@nu.com willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER_____
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples									# of Containers
																			** Preservation
																			***Container Code
14D0730-04	B100-3	4/18/14	1016		X	S	U	✔	✔										

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction already completed (WO14D0730).

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Jeff Willson	5-1-14
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
❒ 7-Day
❒ 10-Day
◉ Other 5-DAY
RUSH †
❒ †24-Hr ❒ †48-Hr
❒ †72-Hr ❒ †4-Day
† **Require lab approval**

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† **TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.**

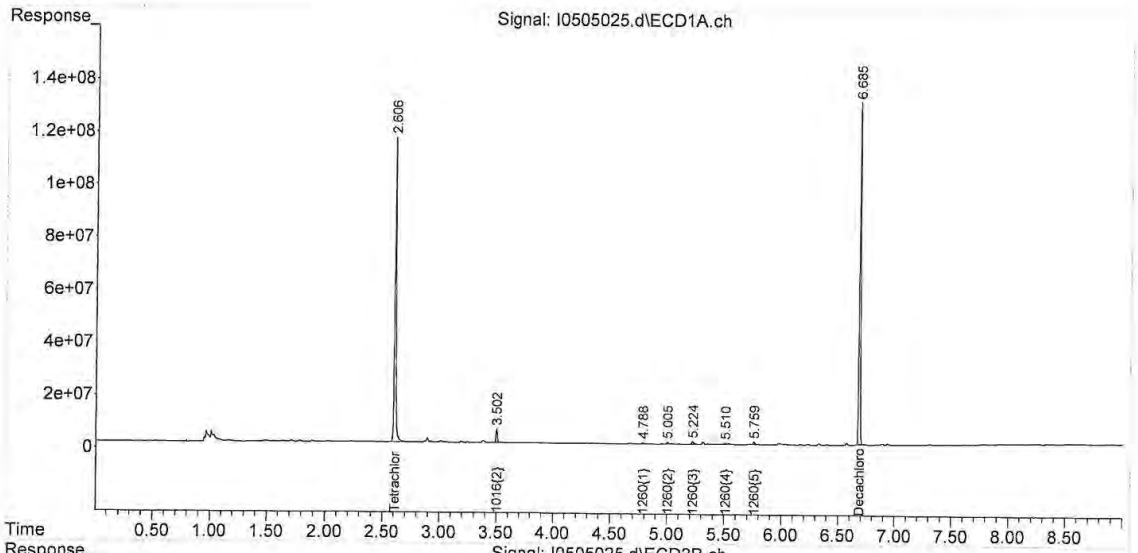
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

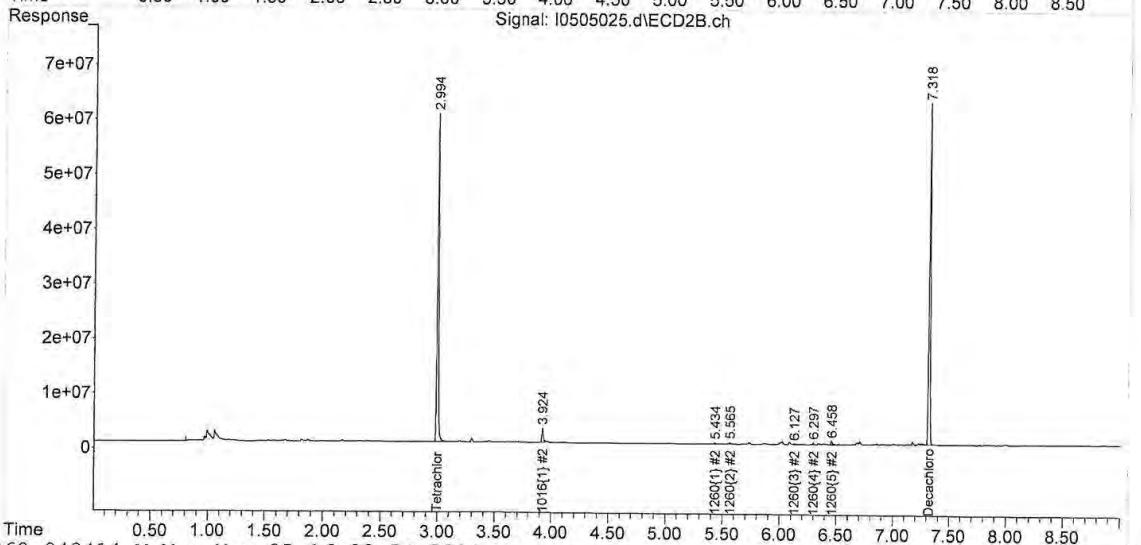
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\050514\
Data File : I0505025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 5 May 2014 2:57 pm
Operator : JMB
Sample : 14D0730-04@5X Inst : ECD 9
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: May 05 16:02:53 2014
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-042414.M
Quant Title : 1260/1016 04/17/14 02/25/14
QLast Update : Thu Apr 24 14:43:26 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 14D0730

Laboratory Sample ID(s):
14D0730-04

Sample Date(s):
04/18/2014

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** **Laboratory Manager**

Printed Name: **Daren J. Damboragian** **Date:** **05/08/14**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
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April 25, 2014

Jeff Willson - Weston Sampson
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 14D0731

Enclosed are results of analyses for samples received by the laboratory on April 18, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Jeff Willson - Weston Samps

REPORT DATE: 4/25/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0731

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EB-100	14D0731-01	Water		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0731

Date Received: 4/18/2014

Field Sample #: EB-100 | Sampled: 4/18/2014 16:00

Sample ID: 14D0731-01

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/23/14	4/23/14 23:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	58.0	30-150		4/23/14 23:03
Decachlorobiphenyl [2]	64.9	30-150		4/23/14 23:03
Tetrachloro-m-xylene [1]	73.1	30-150		4/23/14 23:03
Tetrachloro-m-xylene [2]	80.3	30-150		4/23/14 23:03

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14D0731-01 [EB-100]	B094320	1000	10.0	04/23/14

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094320 - SW-846 3510C										
Blank (B094320-BLK1)				Prepared & Analyzed: 04/23/14						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.73*		µg/L	2.00		86.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.02*		µg/L	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*1.48*		µg/L	2.00		74.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.64*		µg/L	2.00		81.8	30-150			
LCS (B094320-BS1)				Prepared & Analyzed: 04/23/14						
Aroclor-1016	0.48	0.20	µg/L	0.500		95.5	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/L	0.500		99.8	40-140			
Aroclor-1260	0.47	0.20	µg/L	0.500		94.7	40-140			
Aroclor-1260 [2C]	0.50	0.20	µg/L	0.500		99.5	40-140			
Surrogate: Decachlorobiphenyl	*1.79*		µg/L	2.00		89.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.07*		µg/L	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*1.58*		µg/L	2.00		78.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.74*		µg/L	2.00		86.8	30-150			
LCS Dup (B094320-BSD1)				Prepared & Analyzed: 04/23/14						
Aroclor-1016	0.50	0.20	µg/L	0.500		101	40-140	5.22	20	
Aroclor-1016 [2C]	0.53	0.20	µg/L	0.500		106	40-140	5.60	20	
Aroclor-1260	0.49	0.20	µg/L	0.500		98.1	40-140	3.54	20	
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		104	40-140	4.05	20	
Surrogate: Decachlorobiphenyl	*1.83*		µg/L	2.00		91.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.12*		µg/L	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	*1.61*		µg/L	2.00		80.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.77*		µg/L	2.00		88.7	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14D0731

Page 1 of 1

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J. Willson / W. Sirotnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
											2		
											1		
											A - 1 Liters		
01	EB-100	4/18/14	1600		X	O	U	X					

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
J Willson	4/18/14 1605
Received by: (signature)	Date/Time:
Paul Racicot	4/18/14 1605
Relinquished by: (signature)	Date/Time:
Paul Racicot	4/18/14 17:05
Received by: (signature) 3.5°C	Date/Time:
Rebecca Trust	4/18/14 1705

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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www.contestlabs.com

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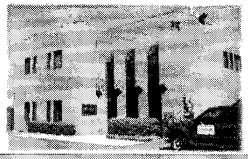

Sample Receipt Checklist

CLIENT NAME: Northeast Utilities RECEIVED BY: RLF DATE: 4/18/14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.5°C
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

RLF 4/15/14 1705

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 14D0731

Laboratory Sample ID(s):
14D0731-01

Sample Date(s):
04/18/2014

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Manager

Printed Name: Daren J. Damboragian **Date:** 04/25/14

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

April 25, 2014

Jeff Willson - Weston Sampson
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 14D0749

Enclosed are results of analyses for samples received by the laboratory on April 18, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Jeff Willson - Weston Samps

REPORT DATE: 4/25/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0749

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B99-1	14D0749-01	Soil		SM 2540G	
				SW-846 8082A	
B99-2	14D0749-02	Soil		SM 2540G	
				SW-846 8082A	
B100-1	14D0749-03	Soil		SM 2540G	
				SW-846 8082A	
B100-2	14D0749-04	Soil		SM 2540G	
				SW-846 8082A	
B101-1	14D0749-05	Soil		SM 2540G	
				SW-846 8082A	
B101-2	14D0749-06	Soil		SM 2540G	
				SW-846 8082A	
B101-3	14D0749-07	Soil		SM 2540G	
				SW-846 8082A	
B101-4	14D0749-08	Soil		SM 2540G	
				SW-846 8082A	
B101-5	14D0749-09	Soil		SM 2540G	
				SW-846 8082A	
B102-1	14D0749-10	Soil		SM 2540G	
				SW-846 8082A	
B102-2	14D0749-11	Soil		SM 2540G	
				SW-846 8082A	
B102-3	14D0749-12	Soil		SM 2540G	
				SW-846 8082A	
B102-4	14D0749-13	Soil		SM 2540G	
				SW-846 8082A	
B102-5	14D0749-14	Soil		SM 2540G	
				SW-846 8082A	
B103-1	14D0749-15	Soil		SM 2540G	
				SW-846 8082A	
B103-2	14D0749-16	Soil		SM 2540G	
				SW-846 8082A	
B103-3	14D0749-17	Soil		SM 2540G	
				SW-846 8082A	
B103-4	14D0749-18	Soil		SM 2540G	
				SW-846 8082A	
B103-5	14D0749-19	Soil		SM 2540G	
				SW-846 8082A	
B104-1	14D0749-20	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Jeff Willson - Weston Samps

REPORT DATE: 4/25/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0749

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B104-2	14D0749-21	Soil		SM 2540G	
				SW-846 8082A	
B104-3	14D0749-22	Soil		SM 2540G	
				SW-846 8082A	
B105-1	14D0749-23	Soil		SM 2540G	
				SW-846 8082A	
B105-2	14D0749-24	Soil		SM 2540G	
				SW-846 8082A	
B105-3	14D0749-25	Soil		SM 2540G	
				SW-846 8082A	
B105-4	14D0749-26	Soil		SM 2540G	
				SW-846 8082A	
B105-5	14D0749-27	Soil		SM 2540G	
				SW-846 8082A	
B106-1	14D0749-28	Soil		SM 2540G	
				SW-846 8082A	
B106-2	14D0749-29	Soil		SM 2540G	
				SW-846 8082A	
B106-4	14D0749-30	Soil		SM 2540G	
				SW-846 8082A	
B110-1	14D0749-31	Soil		SM 2540G	
				SW-846 8082A	
B110-2	14D0749-32	Soil		SM 2540G	
				SW-846 8082A	
B110-5	14D0749-33	Soil		SM 2540G	
				SW-846 8082A	
B108-1	14D0749-34	Soil		SM 2540G	
				SW-846 8082A	
B108-2	14D0749-35	Soil		SM 2540G	
				SW-846 8082A	
B107-1	14D0749-36	Soil		SM 2540G	
				SW-846 8082A	
B107-2	14D0749-37	Soil		SM 2540G	
				SW-846 8082A	
B107-3	14D0749-38	Soil		SM 2540G	
				SW-846 8082A	
B107-4	14D0749-39	Soil		SM 2540G	
				SW-846 8082A	
B107-5	14D0749-40	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Jeff Willson - Weston Samps

REPORT DATE: 4/25/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0749

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP-100	14D0749-41	Soil		SM 2540G	
				SW-846 8082A	
DUP-102	14D0749-42	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]
B094164-MS1, B094164-MSD1

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]
14D0749-07[B101-3], 14D0749-11[B102-2]

Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

Analyte & Samples(s) Qualified:

Aroclor-1242, Aroclor-1242 [2C], Aroclor-1254, Aroclor-1254 [2C]
14D0749-12[B102-3]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]
14D0749-01[B99-1], 14D0749-04[B100-2], 14D0749-06[B101-2], 14D0749-12[B102-3], 14D0749-15[B103-1], 14D0749-16[B103-2], 14D0749-20[B104-1], 14D0749-23[B105-1], 14D0749-28[B106-1], 14D0749-36[B107-1]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B99-1 | Sampled: 4/18/2014 09:38

Sample ID: 14D0749-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1254 [1]	3.1	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1260 [2]	9.5	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 11:40
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 11:40
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 11:40
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 11:40

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B99-1 | Sampled: 4/18/2014 09:38

Sample ID: 14D0749-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.8		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B99-2 | Sampled: 4/18/2014 09:40

Sample ID: 14D0749-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1260 [2]	0.49	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:22	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.6	30-150		4/22/14 22:22
Decachlorobiphenyl [2]	81.2	30-150		4/22/14 22:22
Tetrachloro-m-xylene [1]	75.3	30-150		4/22/14 22:22
Tetrachloro-m-xylene [2]	79.7	30-150		4/22/14 22:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B99-2 | Sampled: 4/18/2014 09:40

Sample ID: 14D0749-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B100-1 | Sampled: 4/18/2014 10:12

Sample ID: 14D0749-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 22:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.2	30-150		4/22/14 22:35
Decachlorobiphenyl [2]	75.3	30-150		4/22/14 22:35
Tetrachloro-m-xylene [1]	81.4	30-150		4/22/14 22:35
Tetrachloro-m-xylene [2]	85.7	30-150		4/22/14 22:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B100-1 | Sampled: 4/18/2014 10:12

Sample ID: 14D0749-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B100-2 | Sampled: 4/18/2014 10:14

Sample ID: 14D0749-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1254 [1]	3.3	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1260 [2]	9.9	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 11:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 11:53
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 11:53
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 11:53
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 11:53

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B100-2 | Sampled: 4/18/2014 10:14

Sample ID: 14D0749-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.8		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-1 | Sampled: 4/18/2014 10:44

Sample ID: 14D0749-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.3	30-150		4/22/14 23:01
Decachlorobiphenyl [2]	89.8	30-150		4/22/14 23:01
Tetrachloro-m-xylene [1]	77.2	30-150		4/22/14 23:01
Tetrachloro-m-xylene [2]	81.8	30-150		4/22/14 23:01

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-1 | Sampled: 4/18/2014 10:44

Sample ID: 14D0749-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-2 | Sampled: 4/18/2014 10:46

Sample ID: 14D0749-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1260 [2]	4.7	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 12:06
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 12:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 12:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 12:06

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-2 | Sampled: 4/18/2014 10:46

Sample ID: 14D0749-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-3 | Sampled: 4/18/2014 10:48

Sample ID: 14D0749-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1260 [2]	0.18	0.11	mg/Kg dry	5	O-03	SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.1	30-150		4/22/14 23:27
Decachlorobiphenyl [2]	86.3	30-150		4/22/14 23:27
Tetrachloro-m-xylene [1]	82.2	30-150		4/22/14 23:27
Tetrachloro-m-xylene [2]	87.0	30-150		4/22/14 23:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-3 | Sampled: 4/18/2014 10:48

Sample ID: 14D0749-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-4 | Sampled: 4/18/2014 10:50

Sample ID: 14D0749-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.0	30-150		4/22/14 23:40
Decachlorobiphenyl [2]	87.5	30-150		4/22/14 23:40
Tetrachloro-m-xylene [1]	80.8	30-150		4/22/14 23:40
Tetrachloro-m-xylene [2]	85.7	30-150		4/22/14 23:40

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-4 | Sampled: 4/18/2014 10:50

Sample ID: 14D0749-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-5 | Sampled: 4/18/2014 10:52

Sample ID: 14D0749-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/22/14 23:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.8	30-150		4/22/14 23:53
Decachlorobiphenyl [2]	92.1	30-150		4/22/14 23:53
Tetrachloro-m-xylene [1]	87.0	30-150		4/22/14 23:53
Tetrachloro-m-xylene [2]	92.4	30-150		4/22/14 23:53

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B101-5 | Sampled: 4/18/2014 10:52

Sample ID: 14D0749-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-1 | Sampled: 4/18/2014 11:02

Sample ID: 14D0749-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	88.8	30-150		4/23/14	0:06
Decachlorobiphenyl [2]	82.5	30-150		4/23/14	0:06
Tetrachloro-m-xylene [1]	76.4	30-150		4/23/14	0:06
Tetrachloro-m-xylene [2]	80.4	30-150		4/23/14	0:06

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-1 | Sampled: 4/18/2014 11:02

Sample ID: 14D0749-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-2 | Sampled: 4/18/2014 11:04

Sample ID: 14D0749-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1260 [2]	0.65	0.12	mg/Kg dry	5	O-03	SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	95.0	30-150		4/23/14 0:44	
Decachlorobiphenyl [2]	90.6	30-150		4/23/14 0:44	
Tetrachloro-m-xylene [1]	80.8	30-150		4/23/14 0:44	
Tetrachloro-m-xylene [2]	84.9	30-150		4/23/14 0:44	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-2 | Sampled: 4/18/2014 11:04

Sample ID: 14D0749-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-3 | Sampled: 4/18/2014 11:06

Sample ID: 14D0749-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1242 [1]	5.3	1.2	mg/Kg dry	50	O-04	SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1254 [2]	5.8	1.2	mg/Kg dry	50	O-04	SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1260 [2]	7.2	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 12:19
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 12:19
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 12:19
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 12:19

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-3 | Sampled: 4/18/2014 11:06

Sample ID: 14D0749-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-4 | Sampled: 4/18/2014 11:08

Sample ID: 14D0749-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	84.9	30-150		4/23/14	1:10
Decachlorobiphenyl [2]	80.7	30-150		4/23/14	1:10
Tetrachloro-m-xylene [1]	66.6	30-150		4/23/14	1:10
Tetrachloro-m-xylene [2]	70.6	30-150		4/23/14	1:10

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-4 | Sampled: 4/18/2014 11:08

Sample ID: 14D0749-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.7		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-5 | Sampled: 4/18/2014 11:10

Sample ID: 14D0749-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.0	30-150		4/23/14 1:23
Decachlorobiphenyl [2]	82.1	30-150		4/23/14 1:23
Tetrachloro-m-xylene [1]	77.8	30-150		4/23/14 1:23
Tetrachloro-m-xylene [2]	83.0	30-150		4/23/14 1:23

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B102-5 | Sampled: 4/18/2014 11:10

Sample ID: 14D0749-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-1 | Sampled: 4/18/2014 11:22

Sample ID: 14D0749-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1254 [1]	1.4	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1260 [2]	5.2	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 12:32
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 12:32
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 12:32
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 12:32

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-1 | Sampled: 4/18/2014 11:22

Sample ID: 14D0749-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-2 | Sampled: 4/18/2014 11:24

Sample ID: 14D0749-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1221 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1232 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1242 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1248 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1254 [1]	9.1	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1260 [1]	41	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1262 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC
Aroclor-1268 [1]	ND	6.3	mg/Kg dry	250		SW-846 8082A	4/21/14	4/23/14 12:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 12:45
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 12:45
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 12:45
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 12:45

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-2 | Sampled: 4/18/2014 11:24

Sample ID: 14D0749-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-3 | Sampled: 4/18/2014 11:26

Sample ID: 14D0749-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 11:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.1	30-150		4/23/14 11:27
Decachlorobiphenyl [2]	84.3	30-150		4/23/14 11:27
Tetrachloro-m-xylene [1]	77.4	30-150		4/23/14 11:27
Tetrachloro-m-xylene [2]	82.8	30-150		4/23/14 11:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-3 | Sampled: 4/18/2014 11:26

Sample ID: 14D0749-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-4 | Sampled: 4/18/2014 11:28

Sample ID: 14D0749-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	92.5	30-150			4/23/14 2:15
Decachlorobiphenyl [2]	87.3	30-150			4/23/14 2:15
Tetrachloro-m-xylene [1]	80.9	30-150			4/23/14 2:15
Tetrachloro-m-xylene [2]	85.7	30-150			4/23/14 2:15

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-4 | Sampled: 4/18/2014 11:28

Sample ID: 14D0749-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-5 | Sampled: 4/18/2014 11:30

Sample ID: 14D0749-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.3	30-150		4/23/14 2:28
Decachlorobiphenyl [2]	80.1	30-150		4/23/14 2:28
Tetrachloro-m-xylene [1]	71.8	30-150		4/23/14 2:28
Tetrachloro-m-xylene [2]	76.2	30-150		4/23/14 2:28

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B103-5 | Sampled: 4/18/2014 11:30

Sample ID: 14D0749-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-1 | Sampled: 4/18/2014 11:52

Sample ID: 14D0749-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1254 [1]	1.6	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1260 [2]	5.8	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 12:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 12:58
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 12:58
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 12:58
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 12:58

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-1 | Sampled: 4/18/2014 11:52

Sample ID: 14D0749-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-2 | Sampled: 4/18/2014 11:54

Sample ID: 14D0749-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 0:52	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	94.4	30-150		4/23/14 0:52	
Decachlorobiphenyl [2]	100	30-150		4/23/14 0:52	
Tetrachloro-m-xylene [1]	81.1	30-150		4/23/14 0:52	
Tetrachloro-m-xylene [2]	84.2	30-150		4/23/14 0:52	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-2 | Sampled: 4/18/2014 11:54

Sample ID: 14D0749-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-3 | Sampled: 4/18/2014 11:56

Sample ID: 14D0749-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:05	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	101	30-150			4/23/14 1:05
Decachlorobiphenyl [2]	107	30-150			4/23/14 1:05
Tetrachloro-m-xylene [1]	90.0	30-150			4/23/14 1:05
Tetrachloro-m-xylene [2]	94.1	30-150			4/23/14 1:05

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B104-3 | Sampled: 4/18/2014 11:56

Sample ID: 14D0749-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-1 | Sampled: 4/18/2014 13:12

Sample ID: 14D0749-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1221 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1232 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1242 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1248 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1254 [2]	4.5	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1260 [2]	13	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1262 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL
Aroclor-1268 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	4/21/14	4/23/14 10:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 10:23
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 10:23
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 10:23
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 10:23

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-1 | Sampled: 4/18/2014 13:12

Sample ID: 14D0749-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.9		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-2 | Sampled: 4/18/2014 13:14

Sample ID: 14D0749-24

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:31	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	94.4	30-150			4/23/14 1:31
Decachlorobiphenyl [2]	104	30-150			4/23/14 1:31
Tetrachloro-m-xylene [1]	100	30-150			4/23/14 1:31
Tetrachloro-m-xylene [2]	104	30-150			4/23/14 1:31

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-2 | Sampled: 4/18/2014 13:14

Sample ID: 14D0749-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-3 | Sampled: 4/18/2014 13:16

Sample ID: 14D0749-25

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1260 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:44	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	96.6	30-150		4/23/14 1:44	
Decachlorobiphenyl [2]	107	30-150		4/23/14 1:44	
Tetrachloro-m-xylene [1]	96.4	30-150		4/23/14 1:44	
Tetrachloro-m-xylene [2]	101	30-150		4/23/14 1:44	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-3 | Sampled: 4/18/2014 13:16

Sample ID: 14D0749-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-4 | Sampled: 4/18/2014 13:18

Sample ID: 14D0749-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 1:57	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	94.0	30-150		4/23/14 1:57	
Decachlorobiphenyl [2]	103	30-150		4/23/14 1:57	
Tetrachloro-m-xylene [1]	90.6	30-150		4/23/14 1:57	
Tetrachloro-m-xylene [2]	94.1	30-150		4/23/14 1:57	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-4 | Sampled: 4/18/2014 13:18

Sample ID: 14D0749-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-5 | Sampled: 4/18/2014 13:20

Sample ID: 14D0749-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:09	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	101	30-150			4/23/14 2:09
Decachlorobiphenyl [2]	110	30-150			4/23/14 2:09
Tetrachloro-m-xylene [1]	86.3	30-150			4/23/14 2:09
Tetrachloro-m-xylene [2]	89.5	30-150			4/23/14 2:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B105-5 | Sampled: 4/18/2014 13:20

Sample ID: 14D0749-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-1 | Sampled: 4/18/2014 13:46

Sample ID: 14D0749-28

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1254 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1260 [2]	6.0	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:36	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	114	30-150	S-01	4/23/14 10:36
Decachlorobiphenyl [2]	119	30-150	S-01	4/23/14 10:36
Tetrachloro-m-xylene [1]	94.8	30-150	S-01	4/23/14 10:36
Tetrachloro-m-xylene [2]	98.8	30-150	S-01	4/23/14 10:36

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-1 | Sampled: 4/18/2014 13:46

Sample ID: 14D0749-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-2 | Sampled: 4/18/2014 13:48

Sample ID: 14D0749-29

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 2:35	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	102	30-150		4/23/14	2:35
Decachlorobiphenyl [2]	110	30-150		4/23/14	2:35
Tetrachloro-m-xylene [1]	95.1	30-150		4/23/14	2:35
Tetrachloro-m-xylene [2]	98.8	30-150		4/23/14	2:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-2 | Sampled: 4/18/2014 13:48

Sample ID: 14D0749-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-4 | Sampled: 4/18/2014 13:52

Sample ID: 14D0749-30

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:13	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		4/23/14 3:13
Decachlorobiphenyl [2]	107	30-150		4/23/14 3:13
Tetrachloro-m-xylene [1]	93.4	30-150		4/23/14 3:13
Tetrachloro-m-xylene [2]	97.2	30-150		4/23/14 3:13

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B106-4 | Sampled: 4/18/2014 13:52

Sample ID: 14D0749-30

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-1 | Sampled: 4/18/2014 14:26

Sample ID: 14D0749-31

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1254 [2]	0.26	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1260 [2]	0.77	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:26	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.6	30-150		4/23/14 3:26
Decachlorobiphenyl [2]	115	30-150		4/23/14 3:26
Tetrachloro-m-xylene [1]	93.8	30-150		4/23/14 3:26
Tetrachloro-m-xylene [2]	96.8	30-150		4/23/14 3:26

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-1 | Sampled: 4/18/2014 14:26

Sample ID: 14D0749-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.4		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-2 | Sampled: 4/18/2014 14:28

Sample ID: 14D0749-32

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	100	30-150			4/23/14 3:39
Decachlorobiphenyl [2]	107	30-150			4/23/14 3:39
Tetrachloro-m-xylene [1]	84.5	30-150			4/23/14 3:39
Tetrachloro-m-xylene [2]	87.6	30-150			4/23/14 3:39

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-2 | Sampled: 4/18/2014 14:28

Sample ID: 14D0749-32

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-5 | Sampled: 4/18/2014 14:34

Sample ID: 14D0749-33

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 3:52	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	96.2	30-150		4/23/14 3:52	
Decachlorobiphenyl [2]	102	30-150		4/23/14 3:52	
Tetrachloro-m-xylene [1]	84.1	30-150		4/23/14 3:52	
Tetrachloro-m-xylene [2]	88.2	30-150		4/23/14 3:52	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B110-5 | Sampled: 4/18/2014 14:34

Sample ID: 14D0749-33

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B108-1 | Sampled: 4/18/2014 15:02

Sample ID: 14D0749-34

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1260 [2]	0.55	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:05	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	102	30-150		4/23/14	4:05
Decachlorobiphenyl [2]	109	30-150		4/23/14	4:05
Tetrachloro-m-xylene [1]	89.1	30-150		4/23/14	4:05
Tetrachloro-m-xylene [2]	93.1	30-150		4/23/14	4:05

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B108-1 | Sampled: 4/18/2014 15:02

Sample ID: 14D0749-34

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B108-2 | Sampled: 4/18/2014 15:04

Sample ID: 14D0749-35

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1260 [2]	0.23	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:17	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	105	30-150		4/23/14 4:17	
Decachlorobiphenyl [2]	112	30-150		4/23/14 4:17	
Tetrachloro-m-xylene [1]	93.7	30-150		4/23/14 4:17	
Tetrachloro-m-xylene [2]	97.8	30-150		4/23/14 4:17	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B108-2 | Sampled: 4/18/2014 15:04

Sample ID: 14D0749-35

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-1 | Sampled: 4/18/2014 15:38

Sample ID: 14D0749-36

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1254 [2]	2.7	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1260 [2]	8.9	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	4/21/14	4/23/14 10:49	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	4/23/14 10:49
Decachlorobiphenyl [2]	*	30-150	S-01	4/23/14 10:49
Tetrachloro-m-xylene [1]	*	30-150	S-01	4/23/14 10:49
Tetrachloro-m-xylene [2]	*	30-150	S-01	4/23/14 10:49

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-1 | Sampled: 4/18/2014 15:38

Sample ID: 14D0749-36

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-2 | Sampled: 4/18/2014 15:40

Sample ID: 14D0749-37

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:43	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	103	30-150		4/23/14 4:43	
Decachlorobiphenyl [2]	109	30-150		4/23/14 4:43	
Tetrachloro-m-xylene [1]	86.6	30-150		4/23/14 4:43	
Tetrachloro-m-xylene [2]	90.2	30-150		4/23/14 4:43	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-2 | Sampled: 4/18/2014 15:40

Sample ID: 14D0749-37

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-3 | Sampled: 4/18/2014 15:42

Sample ID: 14D0749-38

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 4:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	97.9	30-150		4/23/14 4:56	
Decachlorobiphenyl [2]	102	30-150		4/23/14 4:56	
Tetrachloro-m-xylene [1]	84.9	30-150		4/23/14 4:56	
Tetrachloro-m-xylene [2]	88.1	30-150		4/23/14 4:56	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-3 | Sampled: 4/18/2014 15:42

Sample ID: 14D0749-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-4 | Sampled: 4/18/2014 15:44

Sample ID: 14D0749-39

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:09	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	103	30-150		4/23/14 5:09	
Decachlorobiphenyl [2]	109	30-150		4/23/14 5:09	
Tetrachloro-m-xylene [1]	89.3	30-150		4/23/14 5:09	
Tetrachloro-m-xylene [2]	93.0	30-150		4/23/14 5:09	

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-4 | Sampled: 4/18/2014 15:44

Sample ID: 14D0749-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-5 | Sampled: 4/18/2014 15:46

Sample ID: 14D0749-40

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 5:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	103	30-150			4/23/14 5:21
Decachlorobiphenyl [2]	108	30-150			4/23/14 5:21
Tetrachloro-m-xylene [1]	86.4	30-150			4/23/14 5:21
Tetrachloro-m-xylene [2]	89.5	30-150			4/23/14 5:21

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: B107-5 | Sampled: 4/18/2014 15:46

Sample ID: 14D0749-40

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: DUP-100 | Sampled: 4/18/2014 00:00

Sample ID: 14D0749-41

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1221 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1232 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1242 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1248 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1254 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1260 [1]	4.6	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1262 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC
Aroclor-1268 [1]	ND	0.57	mg/Kg dry	25		SW-846 8082A	4/19/14	4/22/14 11:24	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.2	30-150		4/22/14 11:24
Decachlorobiphenyl [2]	91.9	30-150		4/22/14 11:24
Tetrachloro-m-xylene [1]	94.2	30-150		4/22/14 11:24
Tetrachloro-m-xylene [2]	96.3	30-150		4/22/14 11:24

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: DUP-100 | Sampled: 4/18/2014 00:00

Sample ID: 14D0749-41

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: DUP-102 | Sampled: 4/18/2014 00:00

Sample ID: 14D0749-42

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1254 [1]	0.32	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1260 [1]	0.93	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/19/14	4/21/14 21:42	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.5	30-150		4/21/14 21:42
Decachlorobiphenyl [2]	96.5	30-150		4/21/14 21:42
Tetrachloro-m-xylene [1]	96.1	30-150		4/21/14 21:42
Tetrachloro-m-xylene [2]	94.0	30-150		4/21/14 21:42

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D0749

Date Received: 4/18/2014

Field Sample #: DUP-102 | Sampled: 4/18/2014 00:00

Sample ID: 14D0749-42

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	4/23/14	4/24/14 8:19	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
14D0749-01 [B99-1]	B094373	04/23/14
14D0749-02 [B99-2]	B094373	04/23/14
14D0749-03 [B100-1]	B094373	04/23/14
14D0749-04 [B100-2]	B094373	04/23/14
14D0749-05 [B101-1]	B094373	04/23/14
14D0749-06 [B101-2]	B094373	04/23/14
14D0749-07 [B101-3]	B094373	04/23/14
14D0749-08 [B101-4]	B094373	04/23/14
14D0749-09 [B101-5]	B094373	04/23/14
14D0749-10 [B102-1]	B094373	04/23/14
14D0749-11 [B102-2]	B094373	04/23/14
14D0749-12 [B102-3]	B094373	04/23/14
14D0749-13 [B102-4]	B094373	04/23/14
14D0749-14 [B102-5]	B094373	04/23/14
14D0749-15 [B103-1]	B094373	04/23/14
14D0749-16 [B103-2]	B094373	04/23/14
14D0749-17 [B103-3]	B094373	04/23/14
14D0749-18 [B103-4]	B094373	04/23/14
14D0749-19 [B103-5]	B094373	04/23/14
14D0749-20 [B104-1]	B094373	04/23/14
14D0749-21 [B104-2]	B094373	04/23/14
14D0749-22 [B104-3]	B094373	04/23/14
14D0749-23 [B105-1]	B094373	04/23/14
14D0749-24 [B105-2]	B094373	04/23/14
14D0749-25 [B105-3]	B094373	04/23/14
14D0749-26 [B105-4]	B094373	04/23/14
14D0749-27 [B105-5]	B094373	04/23/14
14D0749-28 [B106-1]	B094373	04/23/14
14D0749-29 [B106-2]	B094373	04/23/14
14D0749-30 [B106-4]	B094373	04/23/14
14D0749-31 [B110-1]	B094373	04/23/14
14D0749-32 [B110-2]	B094373	04/23/14
14D0749-33 [B110-5]	B094373	04/23/14
14D0749-34 [B108-1]	B094373	04/23/14
14D0749-35 [B108-2]	B094373	04/23/14
14D0749-36 [B107-1]	B094373	04/23/14
14D0749-37 [B107-2]	B094373	04/23/14
14D0749-38 [B107-3]	B094373	04/23/14
14D0749-39 [B107-4]	B094373	04/23/14
14D0749-40 [B107-5]	B094373	04/23/14
14D0749-41 [DUP-100]	B094373	04/23/14
14D0749-42 [DUP-102]	B094373	04/23/14

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0749-41 [DUP-100]	B094120	10.0	10.0	04/19/14
14D0749-42 [DUP-102]	B094120	10.0	10.0	04/19/14

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0749-01 [B99-1]	B094164	10.0	10.0	04/21/14

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0749-02 [B99-2]	B094164	10.1	10.0	04/21/14
14D0749-03 [B100-1]	B094164	10.3	10.0	04/21/14
14D0749-04 [B100-2]	B094164	10.0	10.0	04/21/14
14D0749-05 [B101-1]	B094164	10.0	10.0	04/21/14
14D0749-06 [B101-2]	B094164	10.4	10.0	04/21/14
14D0749-07 [B101-3]	B094164	10.1	10.0	04/21/14
14D0749-08 [B101-4]	B094164	10.4	10.0	04/21/14
14D0749-09 [B101-5]	B094164	10.0	10.0	04/21/14
14D0749-10 [B102-1]	B094164	10.2	10.0	04/21/14
14D0749-11 [B102-2]	B094164	10.4	10.0	04/21/14
14D0749-12 [B102-3]	B094164	10.1	10.0	04/21/14
14D0749-13 [B102-4]	B094164	10.3	10.0	04/21/14
14D0749-14 [B102-5]	B094164	10.3	10.0	04/21/14
14D0749-15 [B103-1]	B094164	10.4	10.0	04/21/14
14D0749-16 [B103-2]	B094164	10.1	10.0	04/21/14
14D0749-17 [B103-3]	B094164	10.4	10.0	04/21/14
14D0749-18 [B103-4]	B094164	10.3	10.0	04/21/14
14D0749-19 [B103-5]	B094164	10.0	10.0	04/21/14
14D0749-20 [B104-1]	B094164	10.1	10.0	04/21/14

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0749-21 [B104-2]	B094165	10.1	10.0	04/21/14
14D0749-22 [B104-3]	B094165	10.1	10.0	04/21/14
14D0749-23 [B105-1]	B094165	10.0	10.0	04/21/14
14D0749-24 [B105-2]	B094165	10.4	10.0	04/21/14
14D0749-25 [B105-3]	B094165	10.3	10.0	04/21/14
14D0749-26 [B105-4]	B094165	10.1	10.0	04/21/14
14D0749-27 [B105-5]	B094165	10.5	10.0	04/21/14
14D0749-28 [B106-1]	B094165	10.1	10.0	04/21/14
14D0749-29 [B106-2]	B094165	10.1	10.0	04/21/14
14D0749-30 [B106-4]	B094165	10.3	10.0	04/21/14
14D0749-31 [B110-1]	B094165	10.4	10.0	04/21/14
14D0749-32 [B110-2]	B094165	10.0	10.0	04/21/14
14D0749-33 [B110-5]	B094165	10.3	10.0	04/21/14
14D0749-34 [B108-1]	B094165	10.4	10.0	04/21/14
14D0749-35 [B108-2]	B094165	10.3	10.0	04/21/14
14D0749-36 [B107-1]	B094165	10.4	10.0	04/21/14
14D0749-37 [B107-2]	B094165	10.1	10.0	04/21/14
14D0749-38 [B107-3]	B094165	10.4	10.0	04/21/14
14D0749-39 [B107-4]	B094165	10.0	10.0	04/21/14
14D0749-40 [B107-5]	B094165	10.1	10.0	04/21/14

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094120 - SW-846 3540C										
Blank (B094120-BLK1)				Prepared: 04/19/14 Analyzed: 04/21/14						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.203*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.194*		mg/Kg wet	0.200		97.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		96.1	30-150			
LCS (B094120-BS1)				Prepared: 04/19/14 Analyzed: 04/21/14						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		92.4	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.0	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		97.7	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		96.6	40-140			
Surrogate: Decachlorobiphenyl	*0.198*		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg wet	0.200		95.2	30-150			
LCS Dup (B094120-BSD1)				Prepared: 04/19/14 Analyzed: 04/21/14						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		95.6	40-140	3.44	30	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		99.0	40-140	4.11	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140	4.43	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		101	40-140	4.64	30	
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.200*		mg/Kg wet	0.200		99.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.183*		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.190*		mg/Kg wet	0.200		95.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094164 - SW-846 3540C										
Blank (B094164-BLK1)				Prepared: 04/21/14 Analyzed: 04/22/14						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.166*		mg/Kg wet	0.200		83.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.160*		mg/Kg wet	0.200		80.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.148*		mg/Kg wet	0.200		74.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			
LCS (B094164-BS1)				Prepared: 04/21/14 Analyzed: 04/22/14						
Aroclor-1016	0.17	0.10	mg/Kg wet	0.200		85.5	40-140			
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		95.5	40-140			
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		85.3	40-140			
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		93.6	40-140			
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg wet	0.200		86.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.162*		mg/Kg wet	0.200		80.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.158*		mg/Kg wet	0.200		79.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.168*		mg/Kg wet	0.200		83.9	30-150			
LCS Dup (B094164-BSD1)				Prepared: 04/21/14 Analyzed: 04/22/14						
Aroclor-1016	0.17	0.10	mg/Kg wet	0.200		85.0	40-140	0.589	30	
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		93.7	40-140	1.94	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		85.9	40-140	0.739	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg wet	0.200		94.3	40-140	0.780	30	
Surrogate: Decachlorobiphenyl	*0.174*		mg/Kg wet	0.200		86.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.162*		mg/Kg wet	0.200		80.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.160*		mg/Kg wet	0.200		79.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.168*		mg/Kg wet	0.200		83.8	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B094164 - SW-846 3540C											
Matrix Spike (B094164-MS1)	**Source: 14D0749-01**			Prepared: 04/21/14 Analyzed: 04/23/14							
Aroclor-1016	0.36	0.13	mg/Kg dry	0.254	0.0	**141**	*	40-140			MS-21
Aroclor-1016 [2C]	0.40	0.13	mg/Kg dry	0.254	0.0	**159**	*	40-140			MS-21
Aroclor-1260	11	0.13	mg/Kg dry	0.254	8.6	**843**	*	40-140			MS-21
Aroclor-1260 [2C]	11	0.13	mg/Kg dry	0.254	9.5	**659**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg dry	0.254		96.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.229*		mg/Kg dry	0.254		90.4		30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg dry	0.254		84.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg dry	0.254		89.0		30-150			
Matrix Spike Dup (B094164-MSD1)	**Source: 14D0749-01**			Prepared: 04/21/14 Analyzed: 04/23/14							
Aroclor-1016	0.35	0.13	mg/Kg dry	0.254	0.0	137		40-140	2.88	50	
Aroclor-1016 [2C]	0.39	0.13	mg/Kg dry	0.254	0.0	**155**	*	40-140	2.61	50	MS-21
Aroclor-1260	9.4	0.13	mg/Kg dry	0.254	8.6	**326**	*	40-140	13.0	50	MS-21
Aroclor-1260 [2C]	9.7	0.13	mg/Kg dry	0.254	9.5	88.6		40-140	13.8	50	
Surrogate: Decachlorobiphenyl	*0.249*		mg/Kg dry	0.254		98.0		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.233*		mg/Kg dry	0.254		91.9		30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg dry	0.254		82.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.221*		mg/Kg dry	0.254		87.1		30-150			
Batch B094165 - SW-846 3540C											
Blank (B094165-BLK1)				Prepared: 04/21/14 Analyzed: 04/23/14							
Aroclor-1016	ND	0.020	mg/Kg wet								
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1221	ND	0.020	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1232	ND	0.020	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1242	ND	0.020	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1248	ND	0.020	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1254	ND	0.020	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1260	ND	0.020	mg/Kg wet								
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1262	ND	0.020	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet								
Aroclor-1268	ND	0.020	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.9		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg wet	0.200		112		30-150			
Surrogate: Tetrachloro-m-xylene	*0.161*		mg/Kg wet	0.200		80.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		89.2		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094165 - SW-846 3540C										
LCS (B094165-BS1)				Prepared: 04/21/14 Analyzed: 04/23/14						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		98.3	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		108	40-140			
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		89.2	30-150			
LCS Dup (B094165-BSD1)				Prepared: 04/21/14 Analyzed: 04/23/14						
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103	40-140	5.00	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		112	40-140	3.50	30	
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140	6.33	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140	4.89	30	
Surrogate: Decachlorobiphenyl	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.231*		mg/Kg wet	0.200		115	30-150			
Surrogate: Tetrachloro-m-xylene	*0.176*		mg/Kg wet	0.200		88.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg wet	0.200		91.4	30-150			
Matrix Spike (B094165-MS1)		**Source: 14D0749-21**		Prepared: 04/21/14 Analyzed: 04/23/14						
Aroclor-1016	0.25	0.12	mg/Kg dry	0.231	0.0	107	40-140			
Aroclor-1016 [2C]	0.26	0.12	mg/Kg dry	0.231	0.0	114	40-140			
Aroclor-1260	0.29	0.12	mg/Kg dry	0.231	0.0	125	40-140			
Aroclor-1260 [2C]	0.30	0.12	mg/Kg dry	0.231	0.0	132	40-140			
Surrogate: Decachlorobiphenyl	*0.255*		mg/Kg dry	0.231		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.268*		mg/Kg dry	0.231		116	30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg dry	0.231		90.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg dry	0.231		94.5	30-150			
Matrix Spike Dup (B094165-MSD1)		**Source: 14D0749-21**		Prepared: 04/21/14 Analyzed: 04/23/14						
Aroclor-1016	0.24	0.12	mg/Kg dry	0.231	0.0	103	40-140	4.08	50	
Aroclor-1016 [2C]	0.27	0.12	mg/Kg dry	0.231	0.0	115	40-140	0.673	50	
Aroclor-1260	0.29	0.12	mg/Kg dry	0.231	0.0	124	40-140	1.22	50	
Aroclor-1260 [2C]	0.30	0.12	mg/Kg dry	0.231	0.0	130	40-140	1.81	50	
Surrogate: Decachlorobiphenyl	*0.245*		mg/Kg dry	0.231		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.257*		mg/Kg dry	0.231		111	30-150			
Surrogate: Tetrachloro-m-xylene	*0.219*		mg/Kg dry	0.231		94.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.228*		mg/Kg dry	0.231		98.5	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094373 - % Solids										
Duplicate (B094373-DUP1)	**Source: 14D0749-01**			Prepared: 04/23/14 Analyzed: 04/24/14						
% Solids	78.7		% Wt		78.8			0.127	20	
Duplicate (B094373-DUP2)	**Source: 14D0749-08**			Prepared: 04/23/14 Analyzed: 04/24/14						
% Solids	87.6		% Wt		88.1			0.569	20	
Duplicate (B094373-DUP3)	**Source: 14D0749-30**			Prepared: 04/23/14 Analyzed: 04/24/14						
% Solids	89.9		% Wt		89.4			0.558	20	
Duplicate (B094373-DUP4)	**Source: 14D0749-34**			Prepared: 04/23/14 Analyzed: 04/24/14						
% Solids	85.3		% Wt		85.5			0.234	20	
Duplicate (B094373-DUP5)	**Source: 14D0749-42**			Prepared: 04/23/14 Analyzed: 04/24/14						
% Solids	81.7		% Wt		83.9			2.66	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
O-03	Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.
O-04	Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

CHAIN OF CUSTODY RECORD

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14D0749

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Company Name: Weston and Sampson (for NUSCO)
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J. Willson / W. Sretnek

Telephone: 860 513-1473
Project #: 860 513-1483
Client PO#: 02261127

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #: sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS ○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Cont. Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	*** Container Code
01	B99-1	4/18/14	0938		X	S	U	X	X				
02	B99-2		0940										
03	B100-1		1012										
04	↓ -2		1014										
05	B101-1		1044										
06	-2		1046										
07	-3		1048										
08	-4		1050										
09	↓ -5		1052										
10	B102-1	↓	1102		↓	↓	↓	↓	↓				

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Relinquished by: (signature)	Date/Time:
Jeff Willson 4/18/14	1600
Received by: (signature) Paul Kacuat 4/18/14	1605
Relinquished by: (signature) Paul Kacuat 4/18/14	1705
Received by: (signature) Amber Bell 3.8 4-18-14	1705

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14D0749

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J Willson / W. Sietnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email: sorokca@nu.com willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (Laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conn Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	*** Container Code
								1	1	A			
11	B102-2	4/18/14	1104		X	X	U	X	X				
12	-3		1106										
13	-4		1108										
14	-5		1110										
15	B103-1		1122										
16	-2		1124										
17	-3		1126										
18	-4		1128										
19	-5		1130										
20	B104-1		1152										

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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V= vial
S=summa can
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I = Iced
H = HCL
M = Methanol
N = Nitric Acid
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Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) J Willson	4/17/14	Date/Time: 1605
Received by: (signature) Paul Racicot	4/17/14	Date/Time: 1605
Relinquished by: (signature) Paul Racicot	4/18/14	Date/Time: 1705
Received by: (signature) Cassie Dz 3.8°	4.18.14	Date/Time: 1705

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5 DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other

Is your project MCP or RCP ?
○ MCP Form Required
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○ MA State DW Form Required PWSID # _____

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WBE/DBE Certified

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Page 3 of 5

1MD0749

Company Name: Weston and Sampson (for NUSCO)
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J Willson / W. Sirotnak

Telephone: 860 513-1473
Project #: 860 513-1483
Client PO#: 02261127

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #: sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER ___
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes ___ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Cons Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
21	B104-2	4/18/14	1154		X	S	U	X	X		1	1	A
22	-3		1156										
23	B105-1		1312										
24	-2		1314										
25	-3		1316										
26	-4		1318										
27	-5		1320										
28	B106-1		1346										
29	-2		1348										
30	-4		1352										

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
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N = Nitric Acid
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X = Na hydroxide
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H - High; M - Medium; L - Low; C - Clean; U - Unknown

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Relinquished by: (signature)	4/18/14	Date/Time: 1605
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Relinquished by: (signature)	4/18/14	Date/Time: 1705
Received by: (signature)	4.18.14	Date/Time: 1705

Turnaround ††
☐ 7-Day
☐ 10-Day
◪ Other low
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other

Is your project MCP or RCP?
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◉ RCP Form Required
○ MA State DW Form Required PWSID # ___

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CHAIN OF CUSTODY RECORD

14D0749

Page 4 of 5

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: J Willson / W. Sicotnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

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31	B110 - 1	4/18/14	1426		X	S	U	X	X		1		A
32	" - 2	"	1428		"	"	"	"	"		"		"
33	" - 5	"	1434		"	"	"	"	"		"		"
34	B108 - 1	"	1502		"	"	"	"	"		"		"
35	" - 2	"	1504		"	"	"	"	"		"		"
36	B107 - 1	"	1538		"	"	"	"	"		"		"
37	" - 2	"	1540		"	"	"	"	"		"		"
38	" - 3	"	1542		"	"	"	"	"		"		"
39	" - 4	"	1544		"	"	"	"	"		"		"
40	" - 5	"	1546		"	"	"	"	"		"		"

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
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Relinquished by: (signature) J Willson	4/18/14	Date/Time: 1605
Received by: (signature) Paul Rasmussen	4/18/14	Date/Time: 1605
Relinquished by: (signature) Paul Rasmussen	4/18/14	Date/Time: 1705
Received by: (signature) Cassidy	4/18/14	Date/Time: 1705

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 3DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
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Massachusetts:
Connecticut:
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Page 5 of 5

1405749

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Sampled By: J. Willson / W. Sroknak

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Project #: 860 513-1483
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41	DUP-100	4/18/14	—		X	S	U	X	X		1	I	A
42	DUP-102	↓	—		X	S	U	X	X				

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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Relinquished by: (signature)	4/18/14	Date/Time: 1705
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Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
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Massachusetts:
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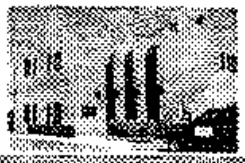
con-test ANALYTICAL LABORATORY

Page 1 of 2



Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: CC DATE: 4.18.14

1) Was the chain(s) of custody relinquished and signed? ~~Yes~~ No No CoC Included
2) Does the chain agree with the samples? (Yes) No
If not, explain:
3) Are all the samples in good condition? ~~Yes~~ No
If not, explain:
4) How were the samples received:
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒
Were the samples received in Temperature Compliance of (2-6°C)? ~~Yes~~ No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.6°
5) Are there Dissolved samples for the lab to filter? Yes ~~No~~
Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: (4)

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

8) Do all samples have the proper Acid pH: Yes No (N/A)
9) Do all samples have the proper Base pH: Yes No (N/A)
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	42A
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

Page 2 of 2

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	N/A	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	N/A	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	N/A	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

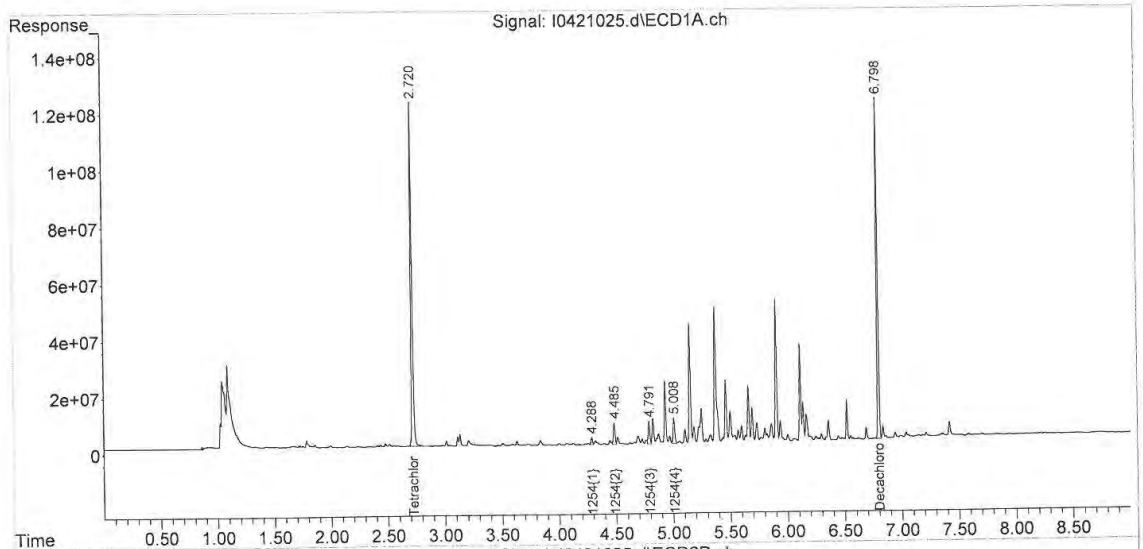
Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** CC **Date/Time:** 4.18.14 1600

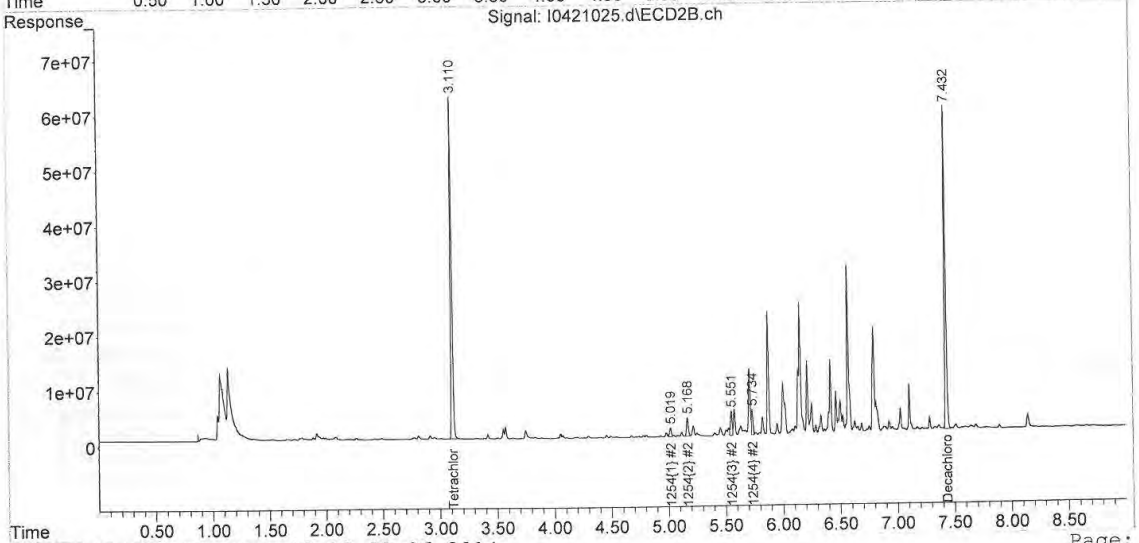
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : I0421025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2014 9:42 pm
Operator : JMB
Sample : 14D0749-42@5X Inst : ECD 9
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: Apr 22 10:08:43 2014
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1254-041614C.M
Quant Title : 1254 04/16/14 03/07/14
QLast Update : Wed Apr 16 15:38:05 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



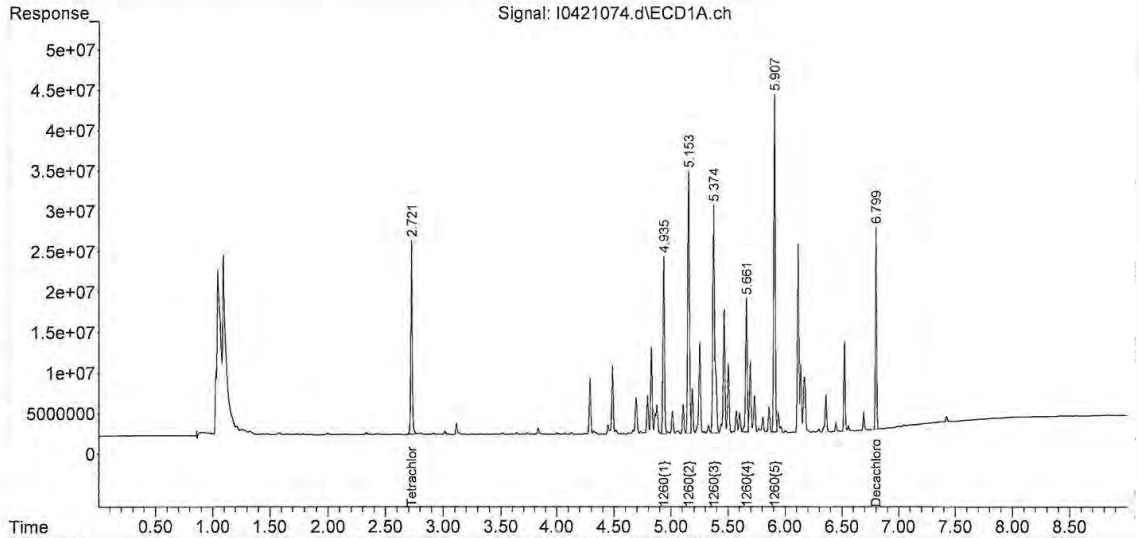


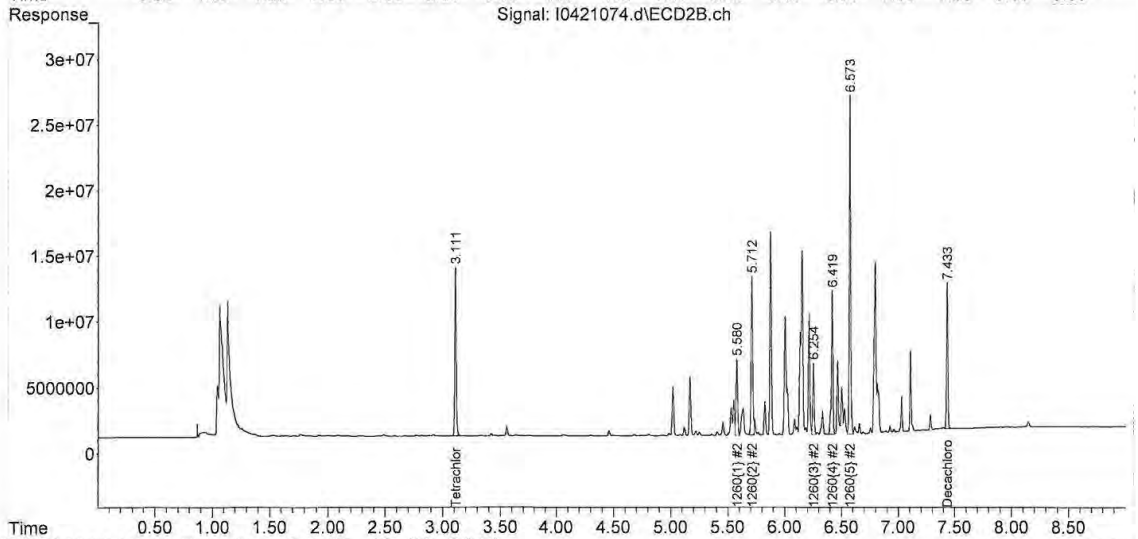
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : I0421074.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2014 11:24 am
Operator : JMB
Sample : 14D0749-41@25X Inst : ECD 9
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: B-1260.E
Quant Time: Apr 22 11:41:52 2014
Quant Method : C:\msdchem\1\methods\PCB Methods\9-1260-041514C.M
Quant Title : 1260/1016 04/17/14 02/25/14
QLast Update : Wed Apr 16 10:11:04 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





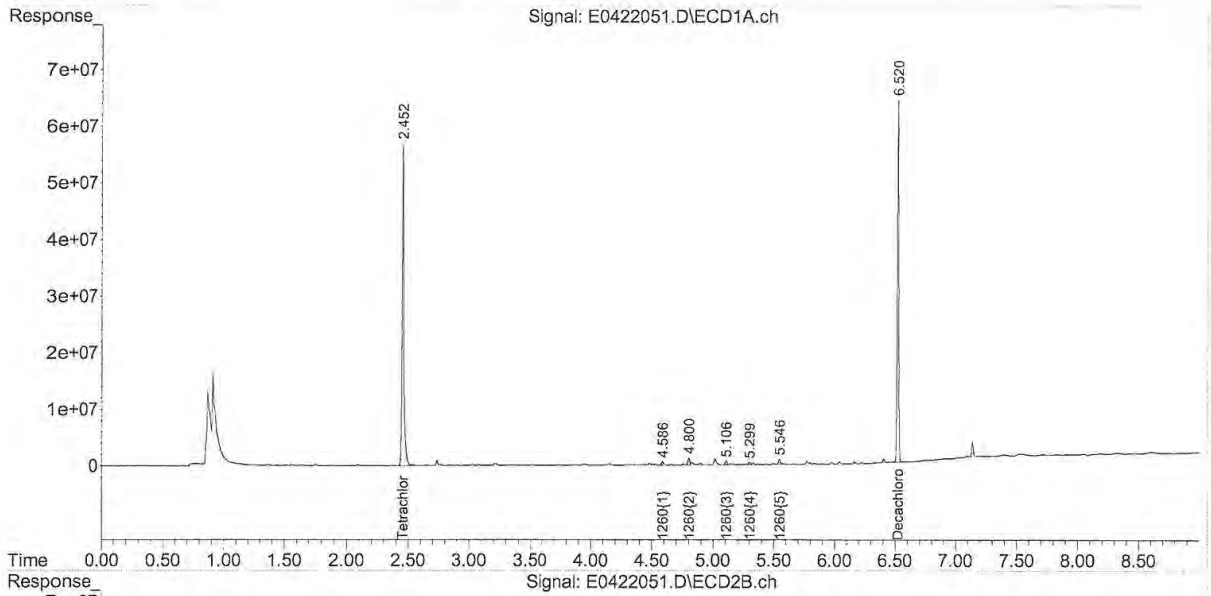
9-1260-041514C.M Tue Apr 22 11:41:53 2014 Page: 2

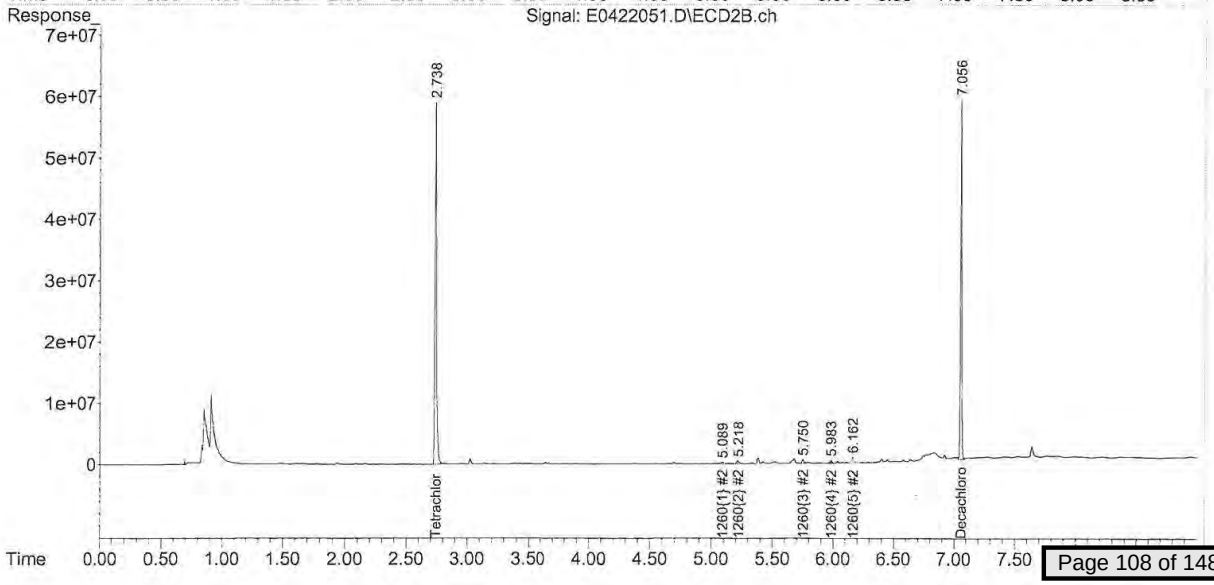
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 12:52 am
Operator : JMB
Sample : 14D0749-21@5X Inst : ECD 5
Misc :
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:00 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



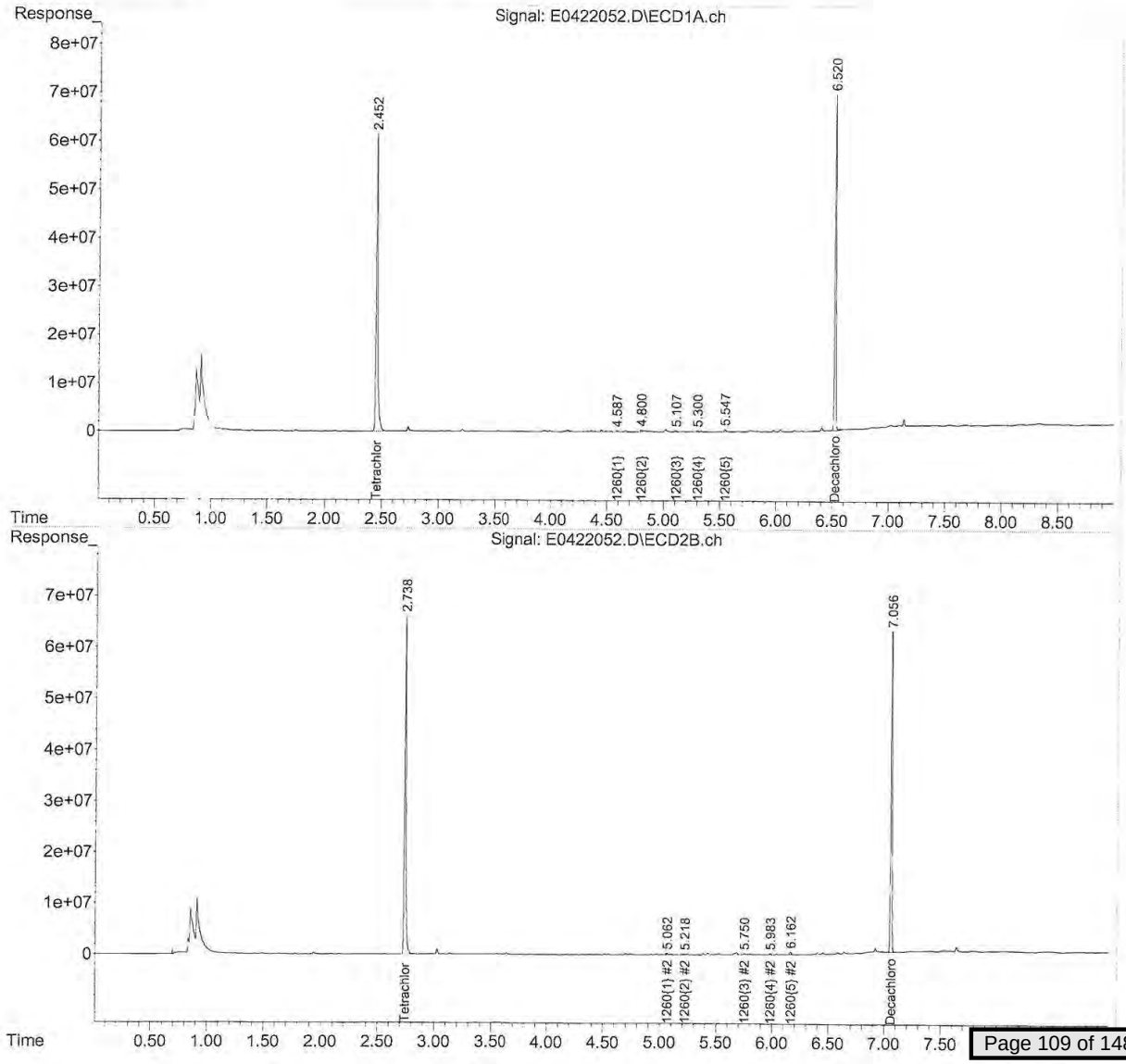


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 1:05 am
Operator : JMB
Sample : 14D0749-22@5X Inst : ECD 5
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:05 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

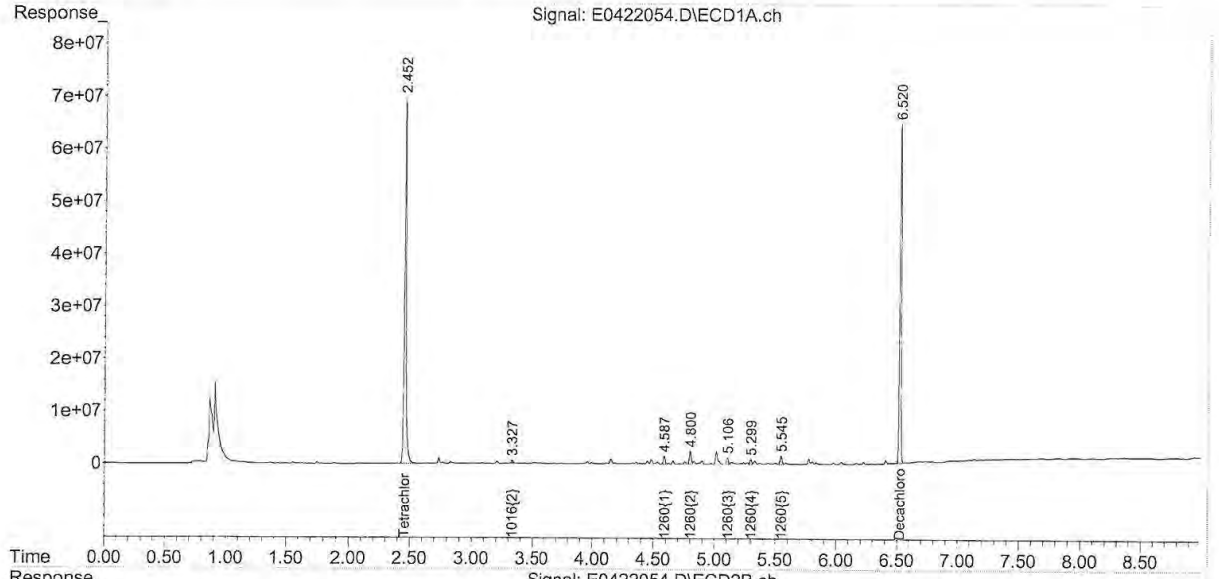


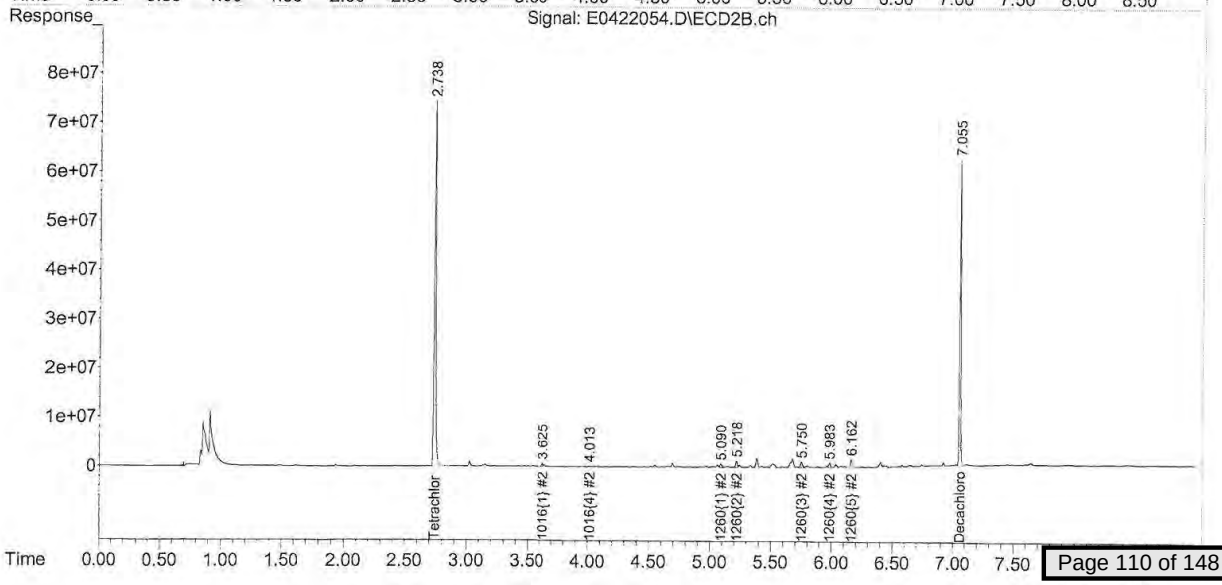
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 1:31 am
Operator : JMB
Sample : 14D0749-24@5X Inst : ECD 5
Misc :
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:15 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



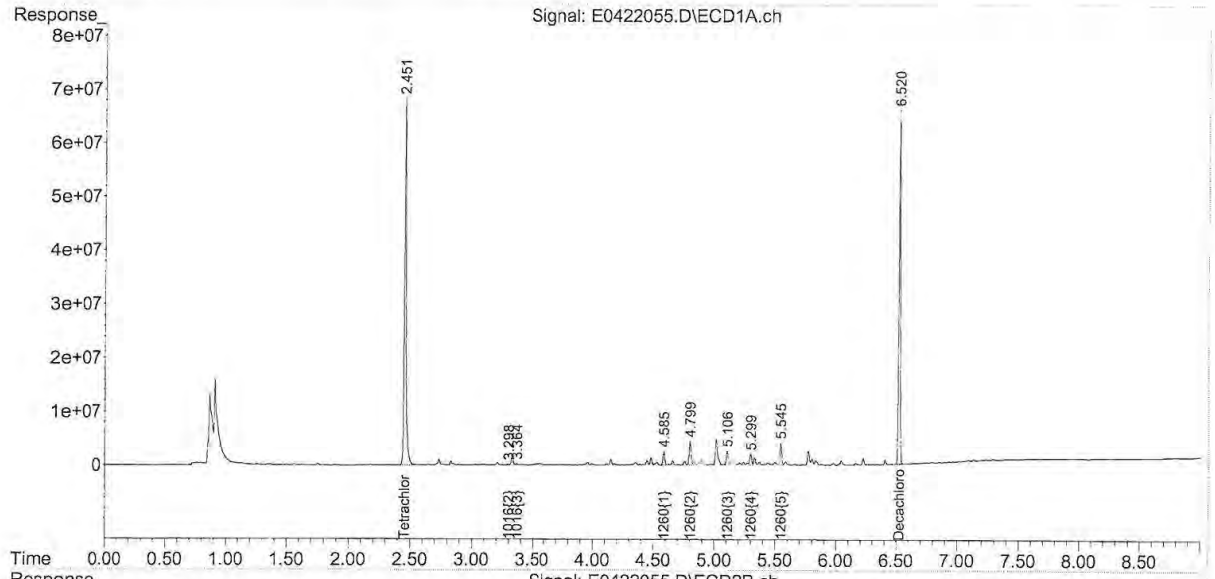


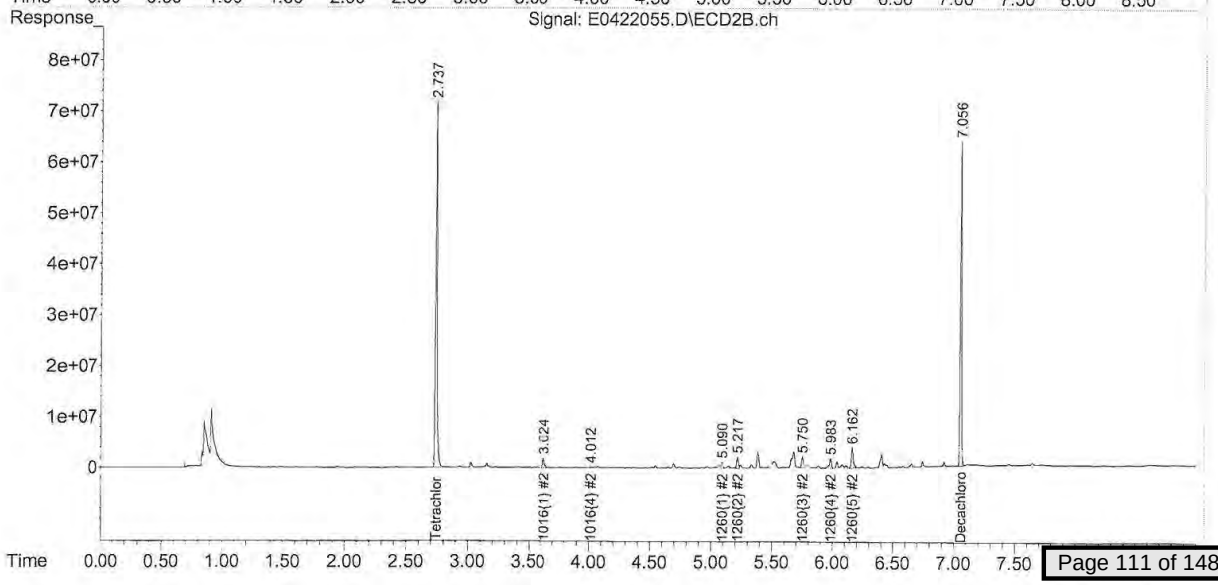
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 1:44 am
Operator : JMB
Sample : 14D0749-25@5X Inst : ECD 5
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:20 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



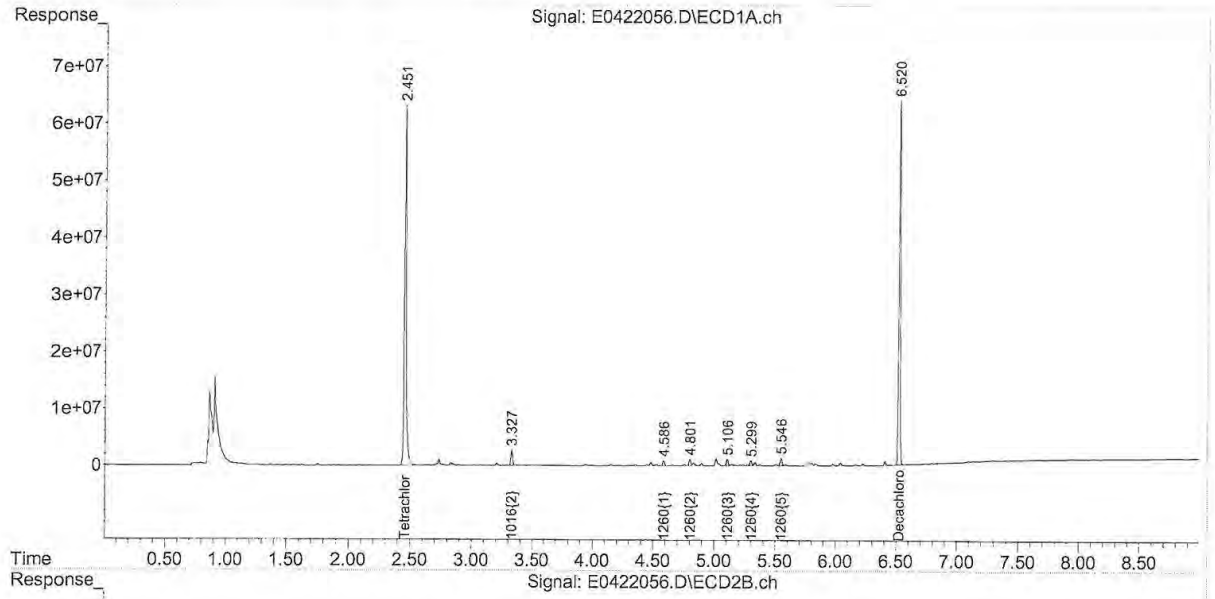


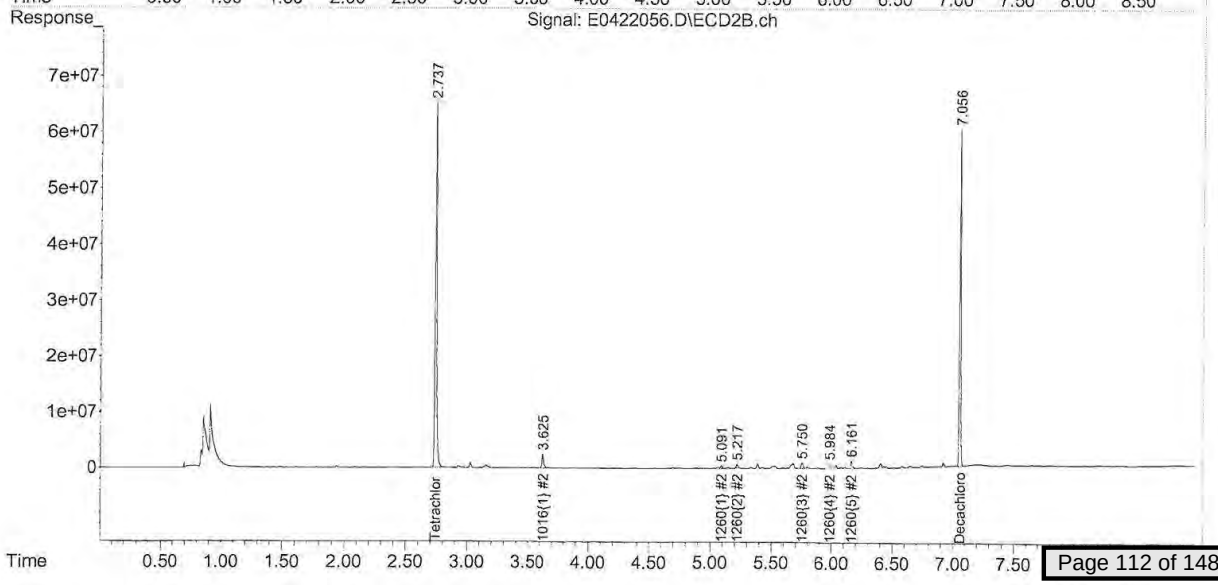
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 1:57 am
Operator : JMB
Sample : 14D0749-26@5X Inst : ECD 5
Misc :
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:25 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



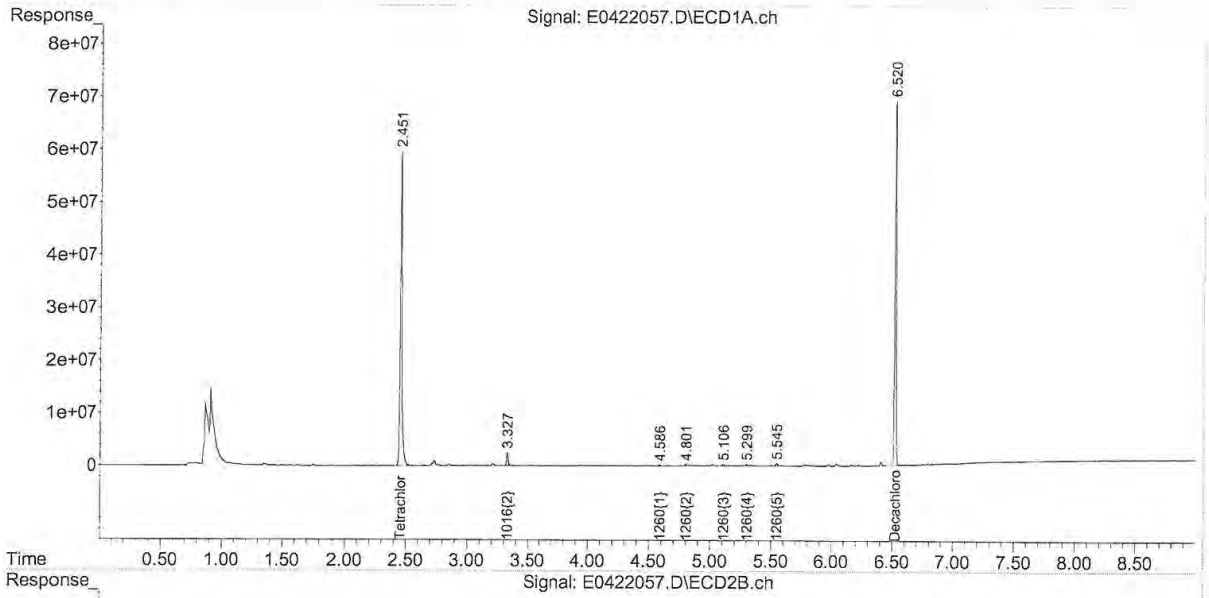


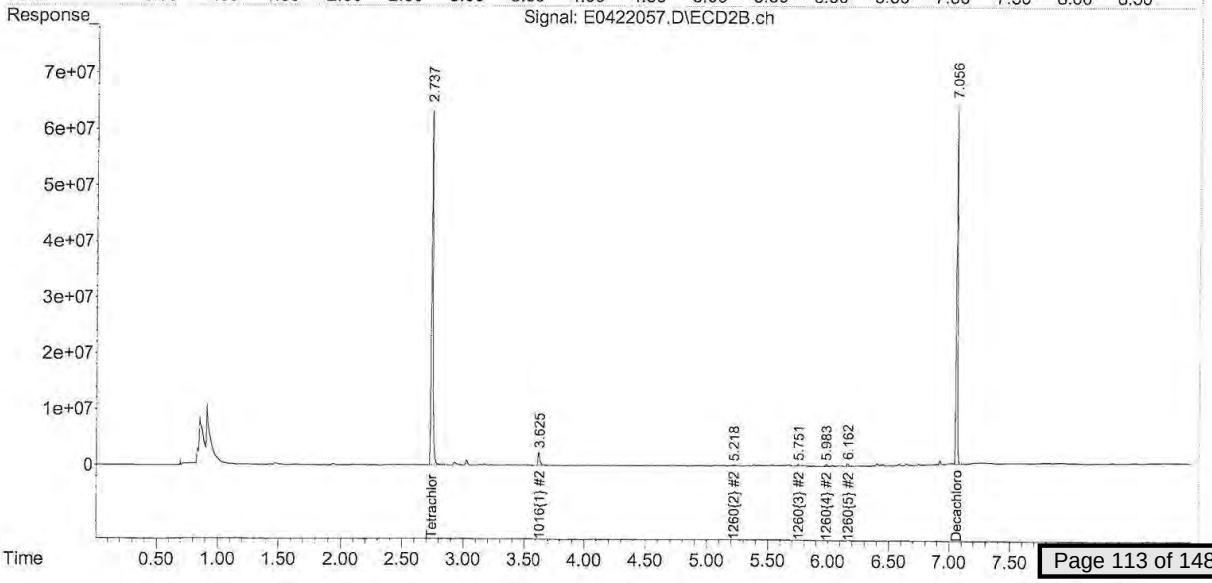
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 2:09 am
Operator : JMB
Sample : 14D0749-27@5X Inst : ECD 5
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:30 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



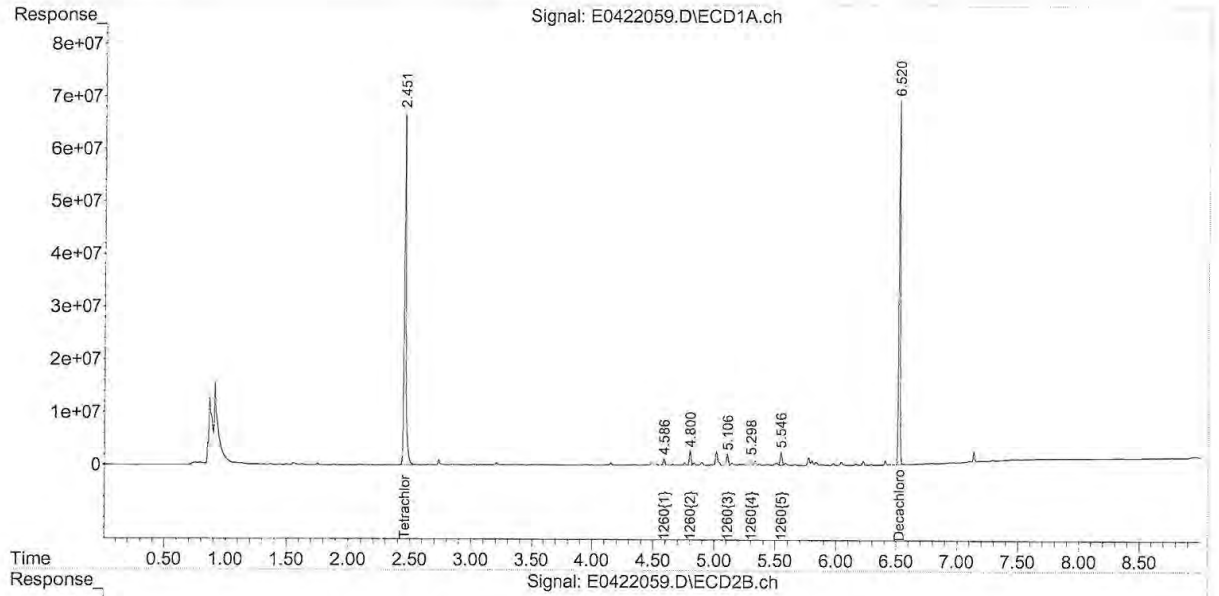


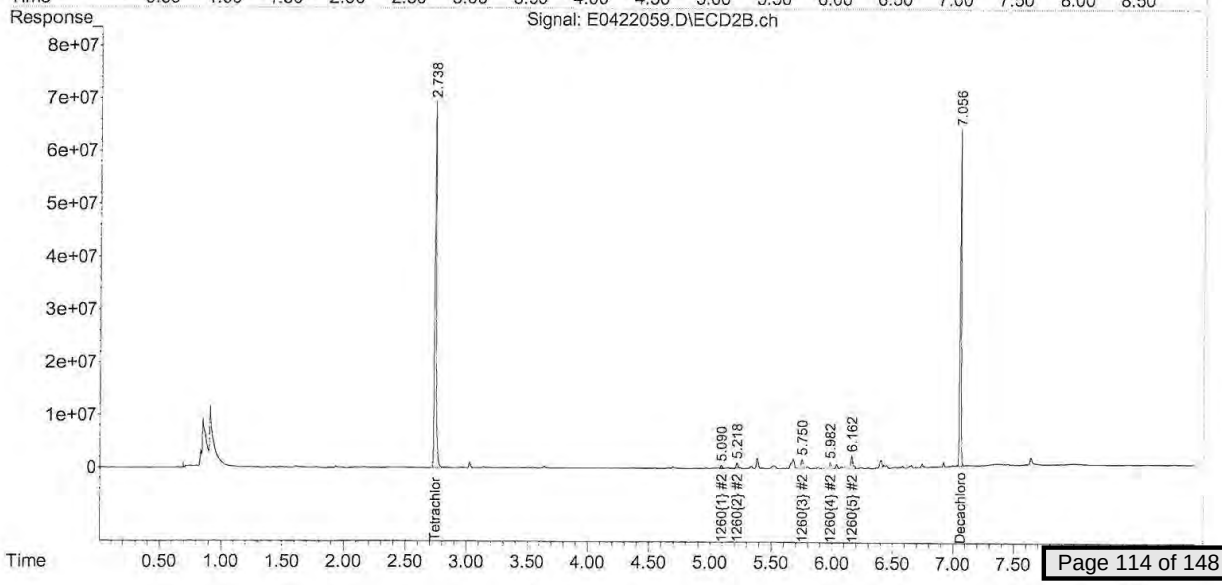
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 2:35 am
Operator : JMB
Sample : 14D0749-29@5X Inst : ECD 5
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:40 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



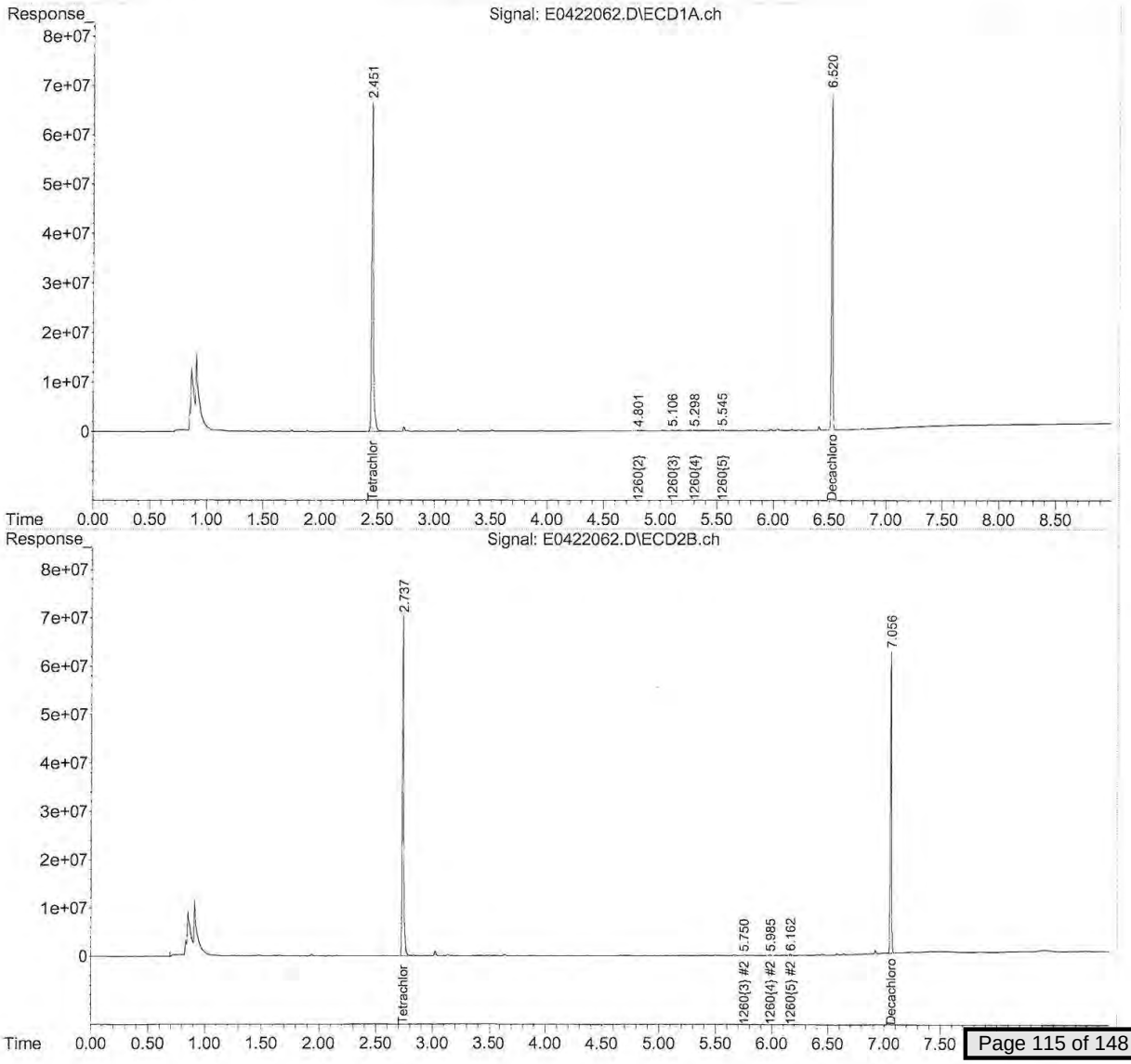


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 3:13 am
Operator : JMB
Sample : 14D0749-30@5X Inst : ECD 5
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:19:55 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

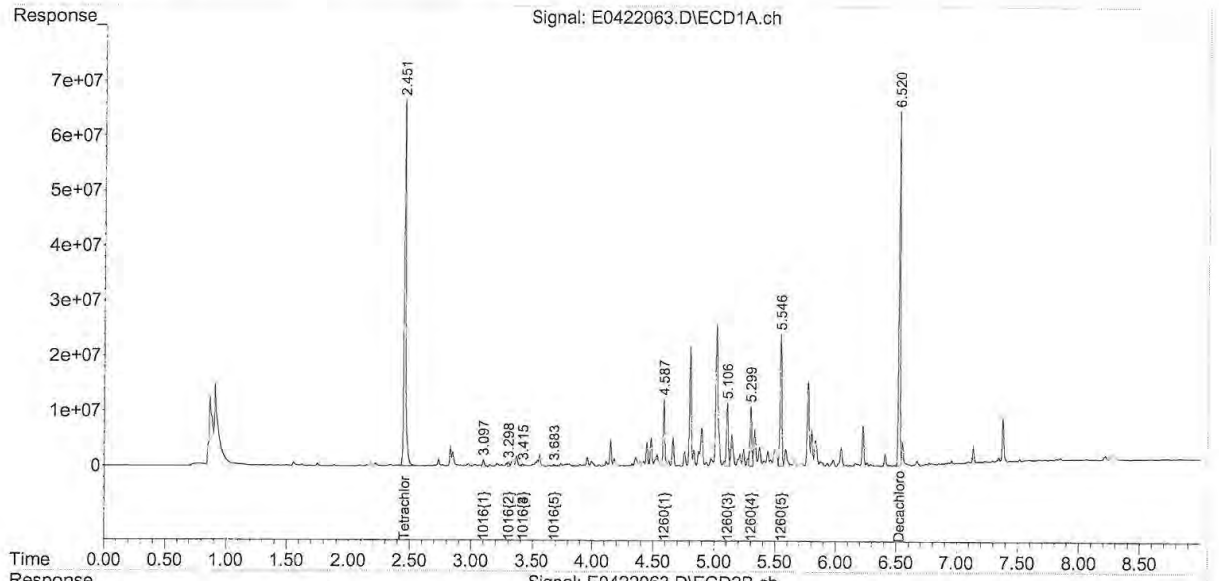


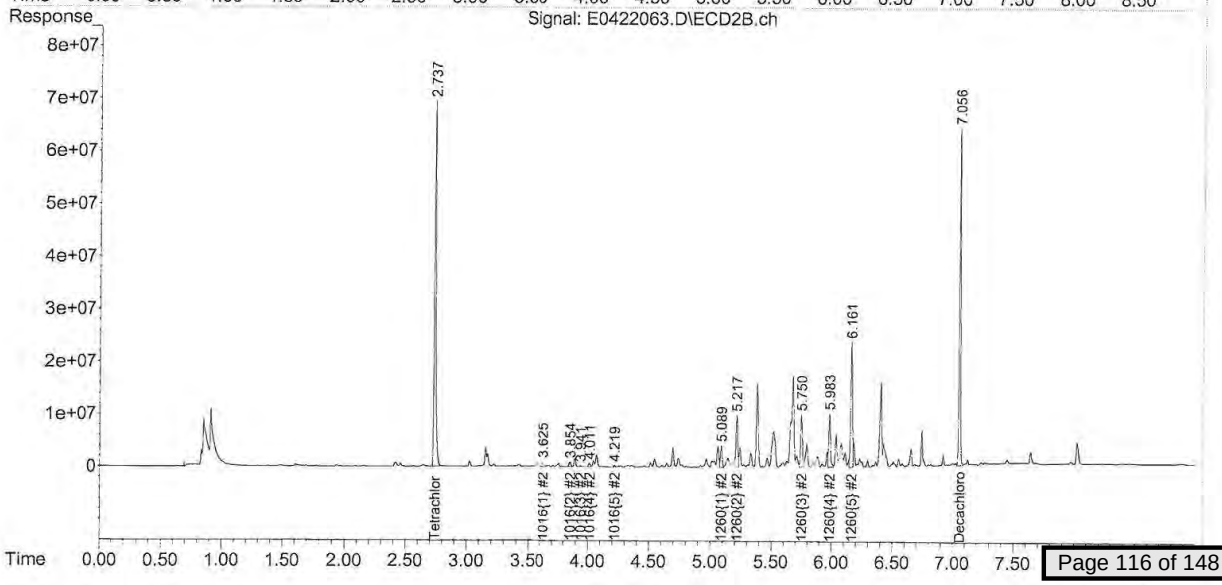
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 3:26 am
Operator : JMB
Sample : 14D0749-31@5X Inst : ECD 5
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 09:50:51 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



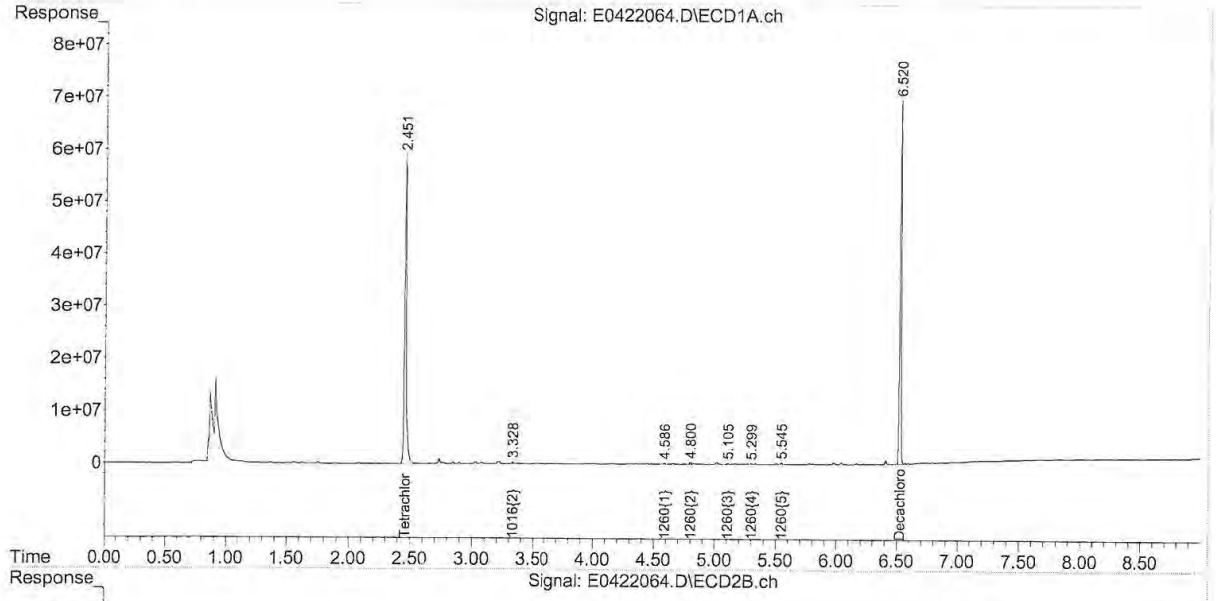


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 3:39 am
Operator : JMB
Sample : 14D0749-32@5X Inst : ECD 5
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:05 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

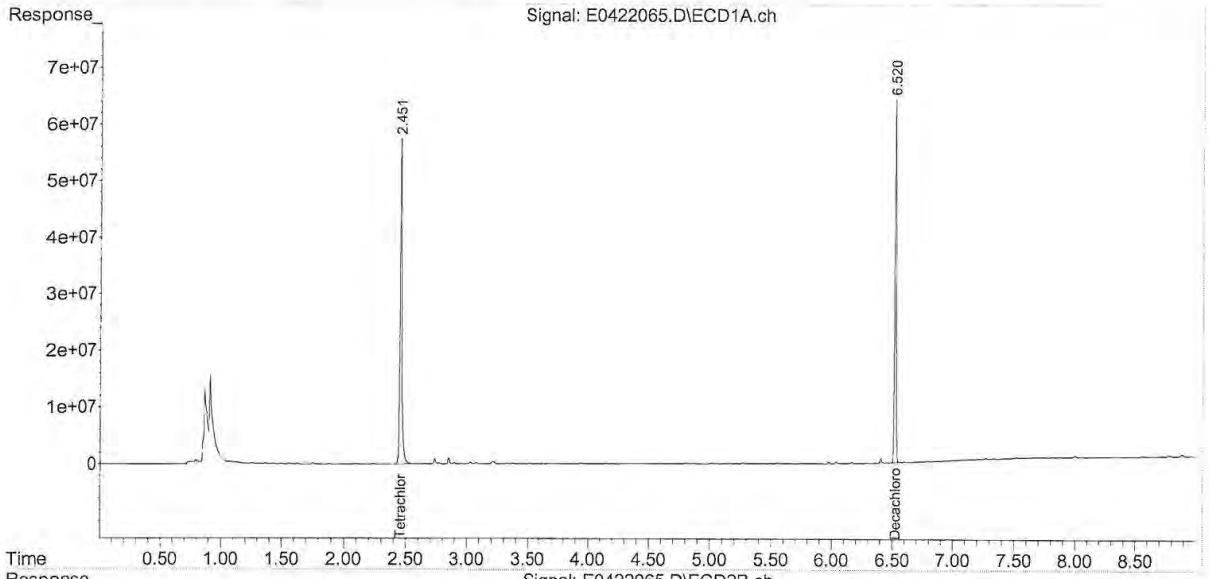


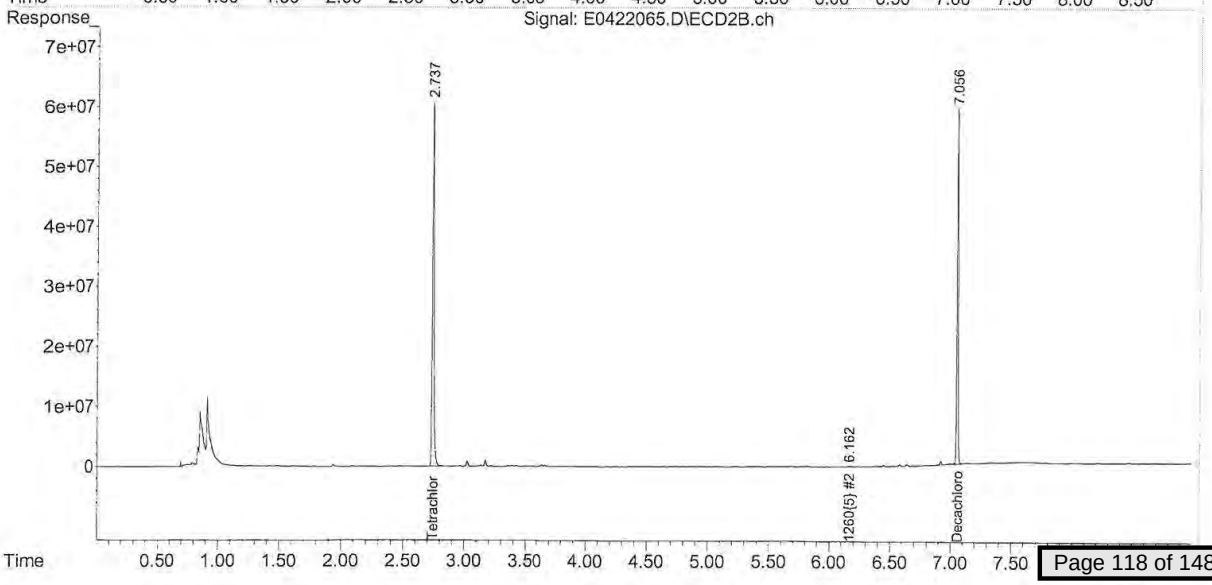
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 3:52 am
Operator : JMB
Sample : 14D0749-33@5X Inst : ECD 5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:10 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



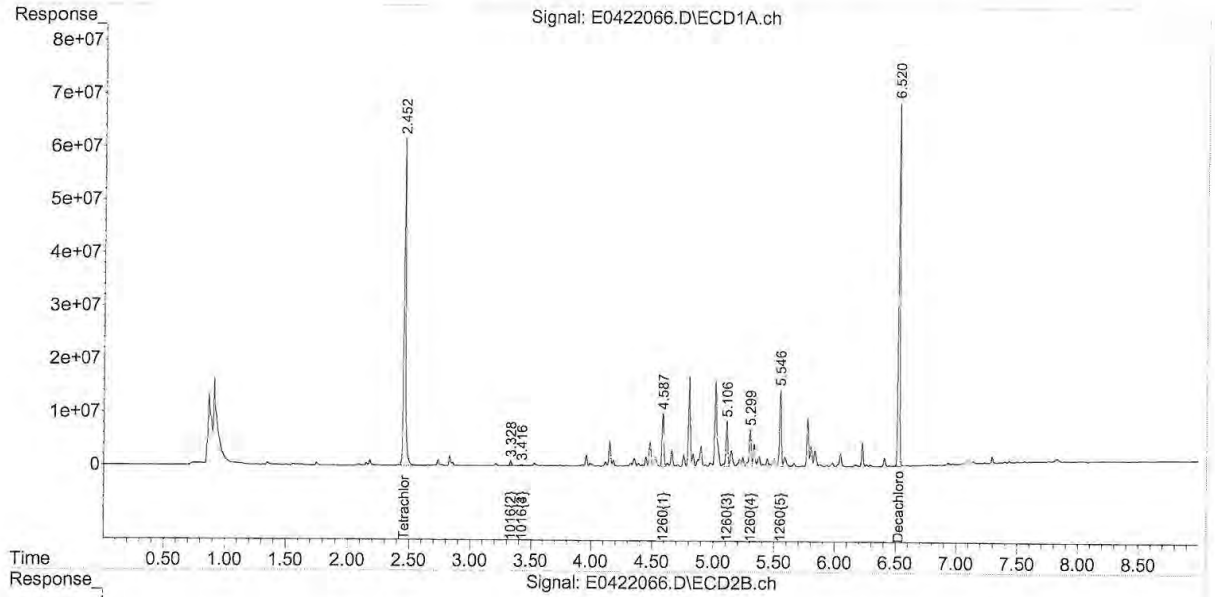


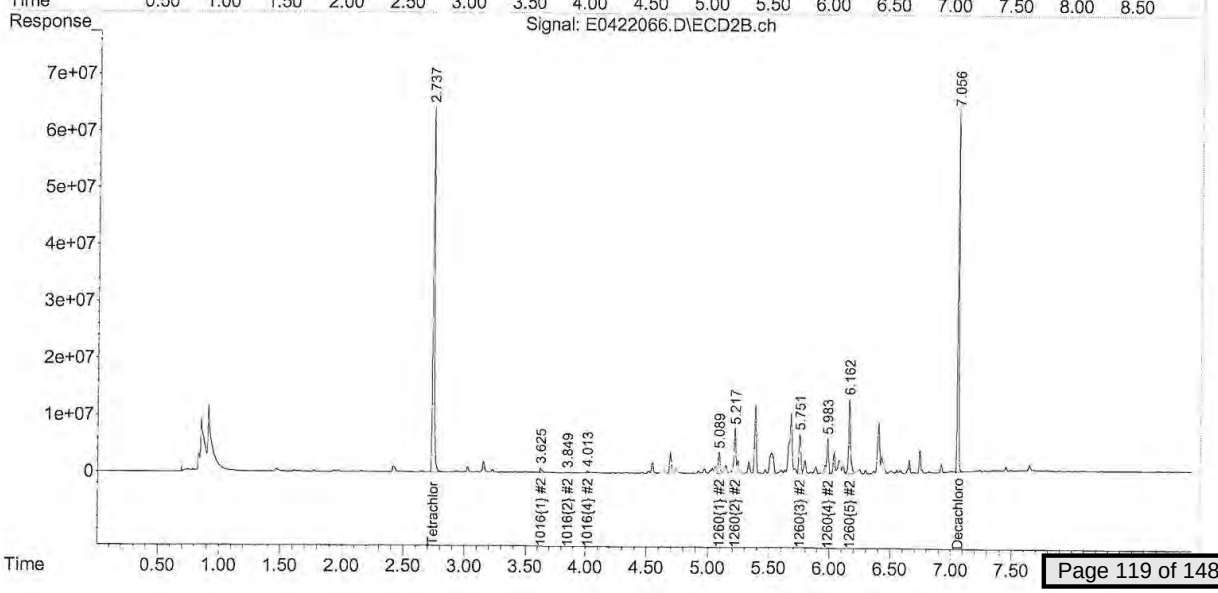
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 4:05 am
Operator : JMB
Sample : 14D0749-34@5X Inst : ECD 5
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 09:55:28 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



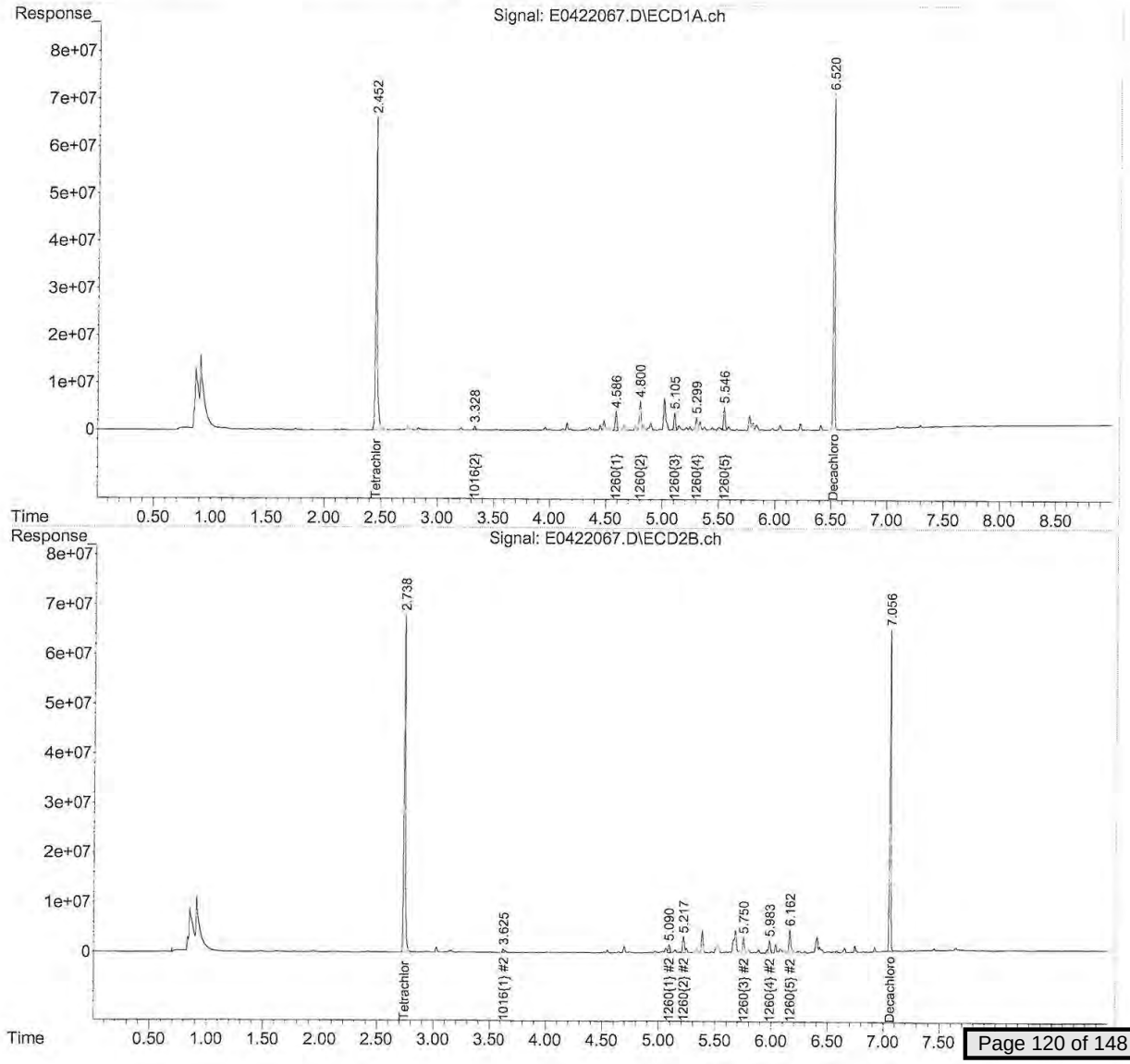


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 4:17 am
Operator : JMB
Sample : 14D0749-35@5X Inst : ECD 5
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 10:02:58 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

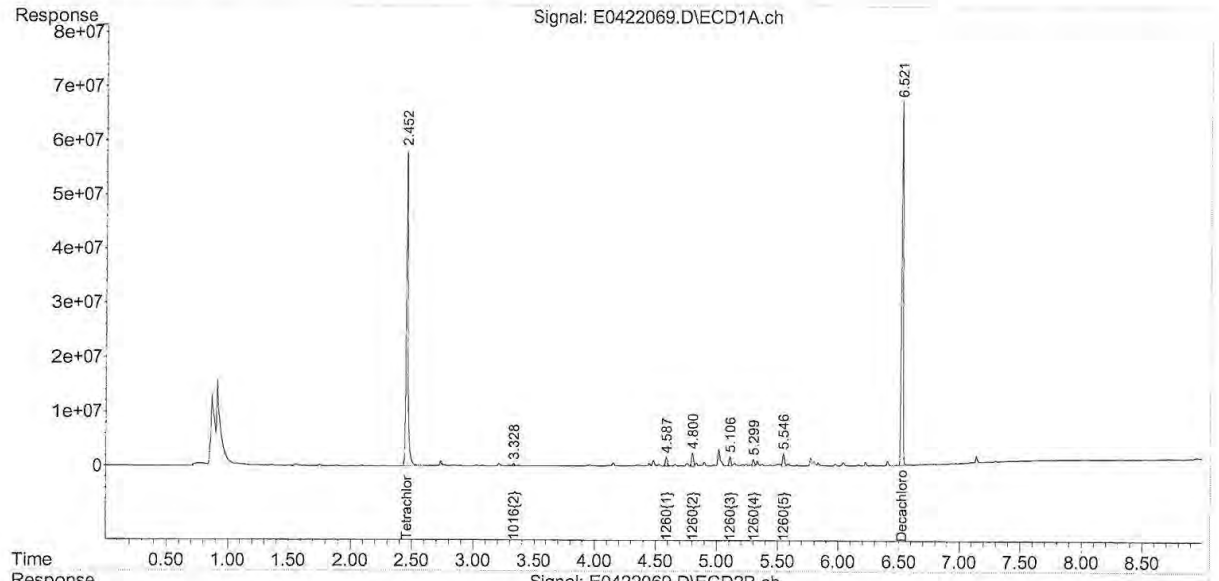


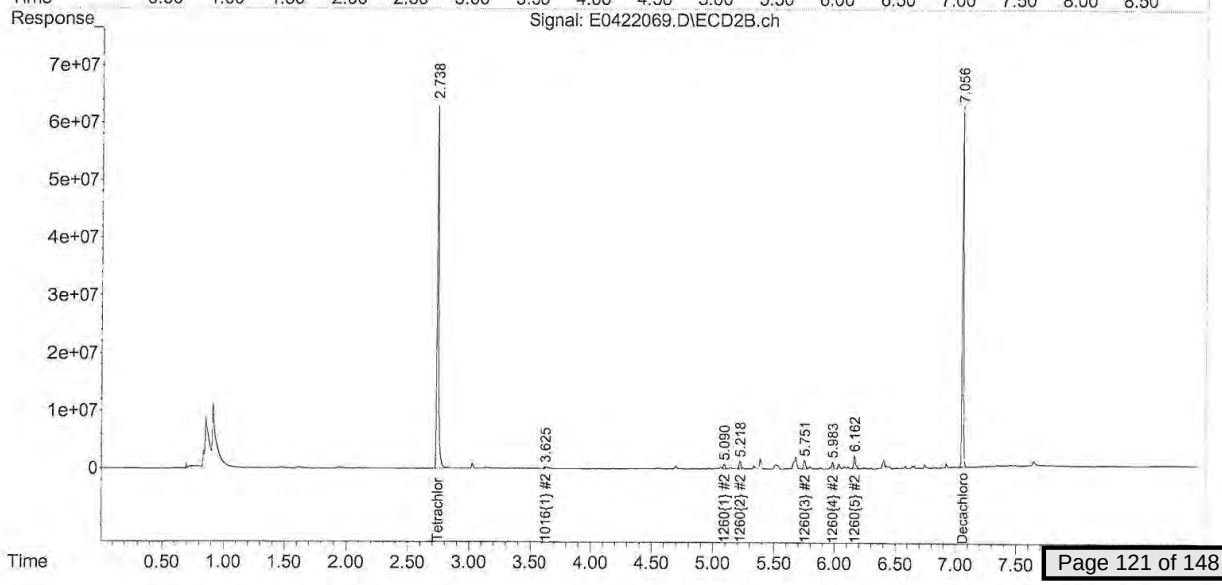
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 4:43 am
Operator : JMB
Sample : 14D0749-37@5X Inst : ECD 5
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:31 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



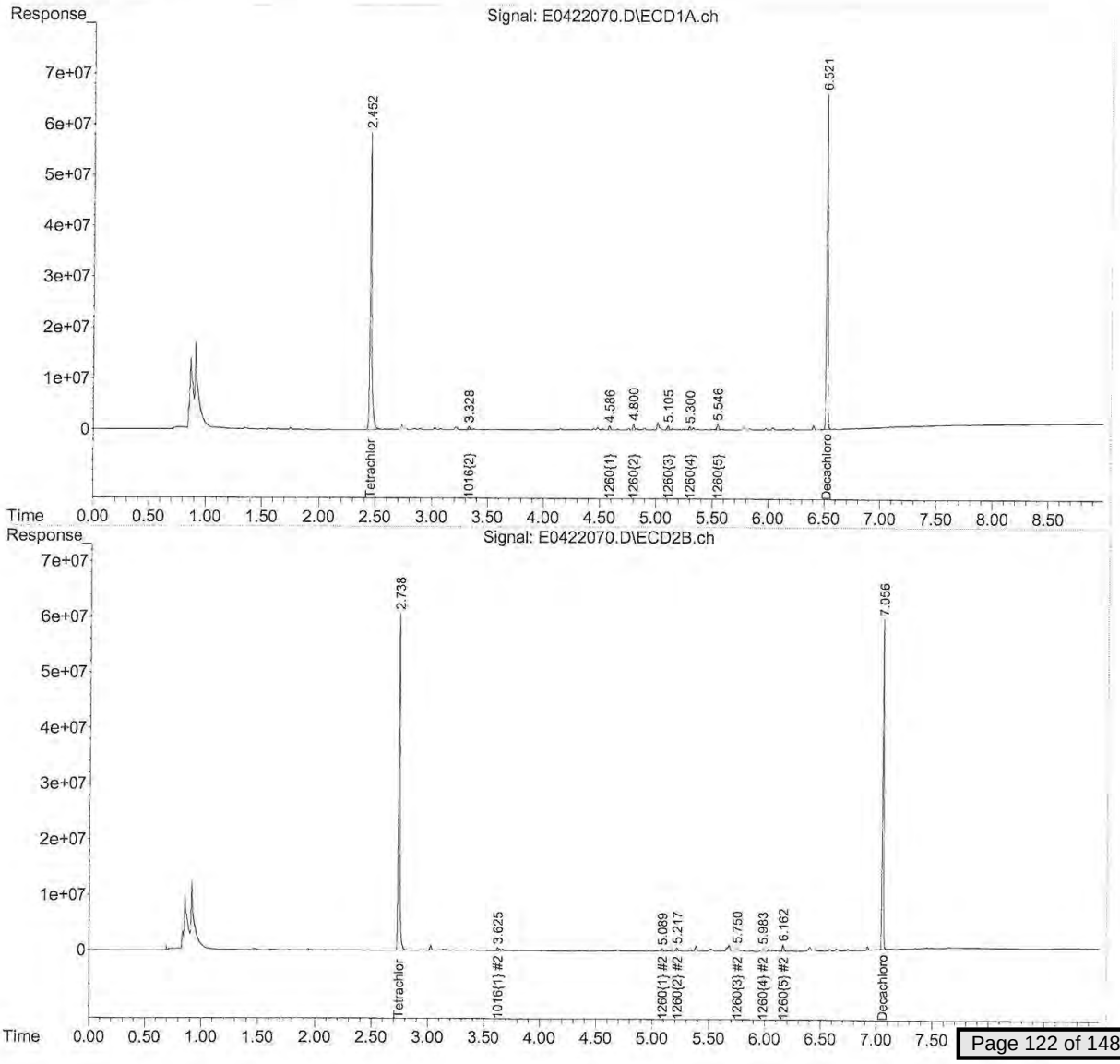


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 4:56 am
Operator : JMB
Sample : 14D0749-38@5X Inst : ECD 5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:36 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

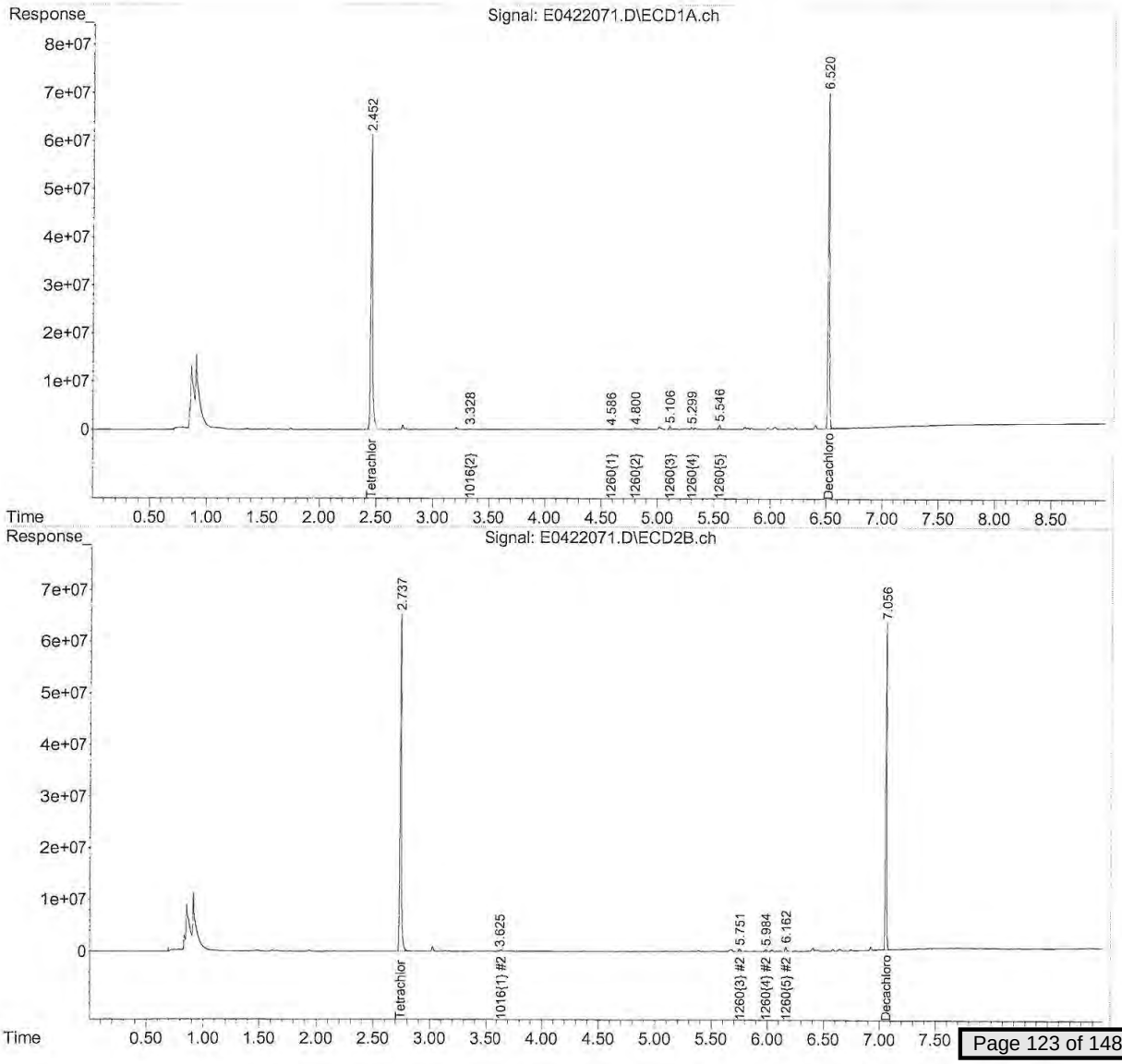


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 5:09 am
Operator : JMB
Sample : 14D0749-39@5X Inst : ECD 5
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:42 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

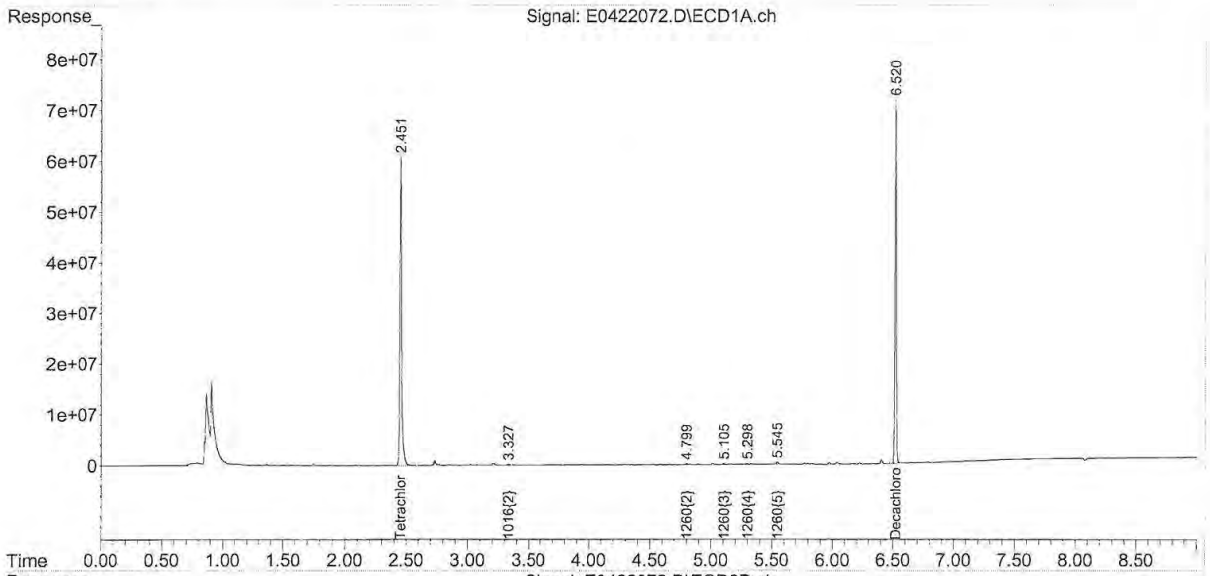


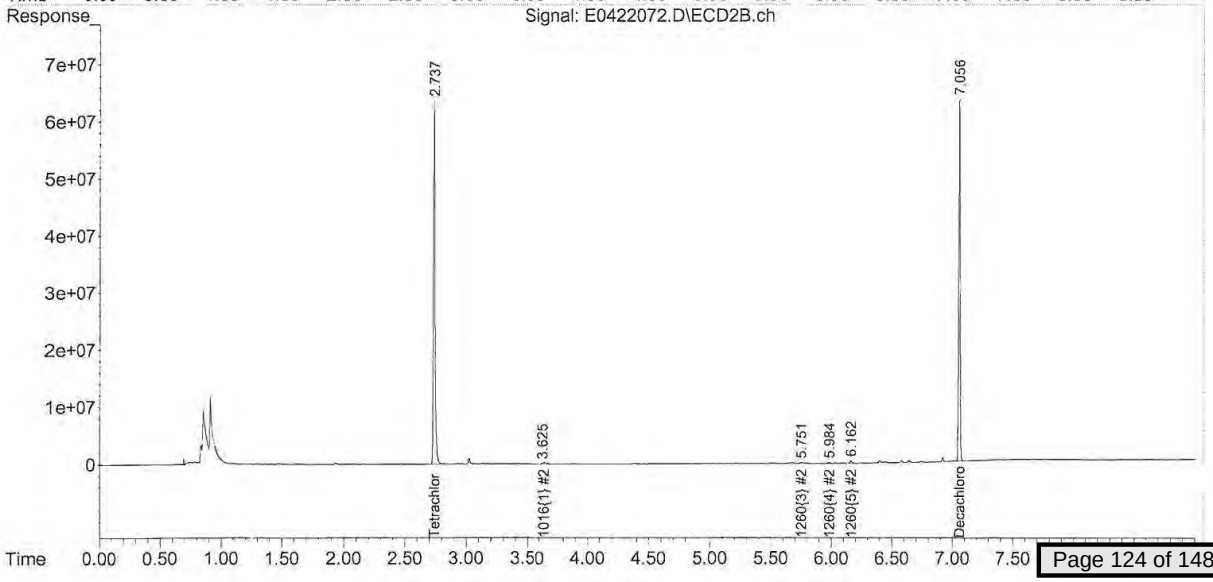
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 5:21 am
Operator : JMB
Sample : 14D0749-40@5X Inst : ECD 5
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 08:20:47 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



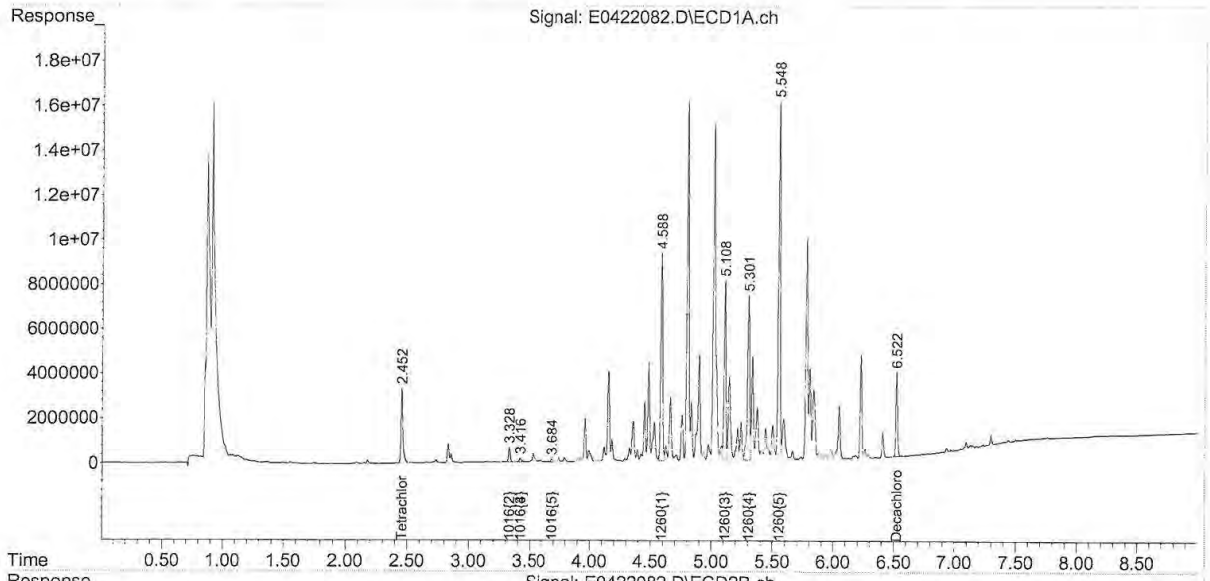


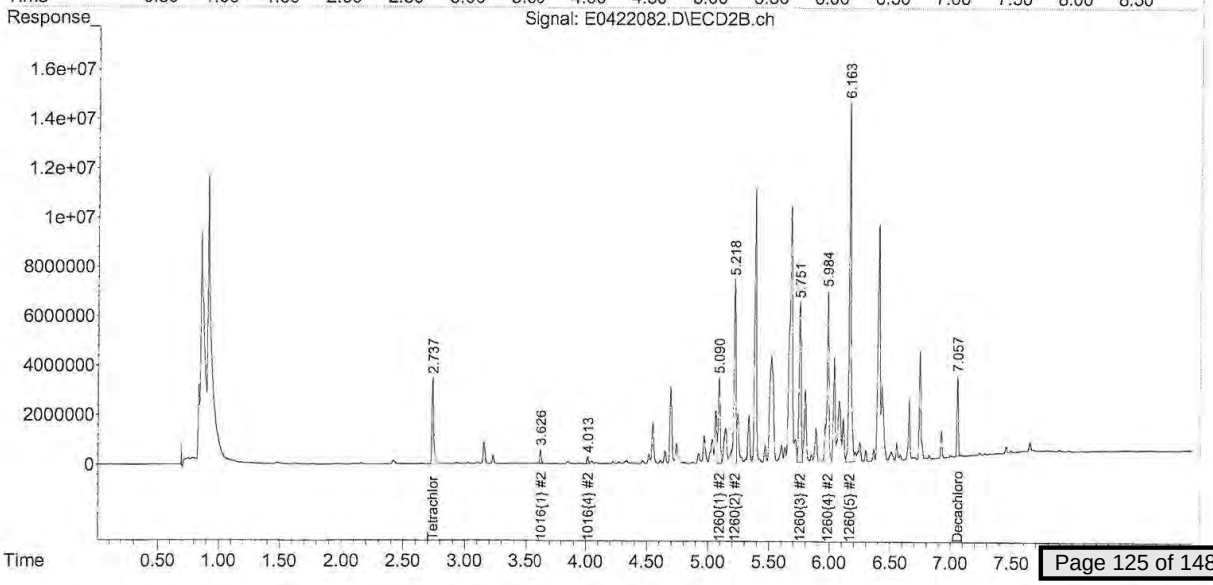
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 10:23 am
Operator : JMB
Sample : 14D0749-23@100X Inst : ECD 5
Misc :
ALS Vial : 82 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 11:37:42 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



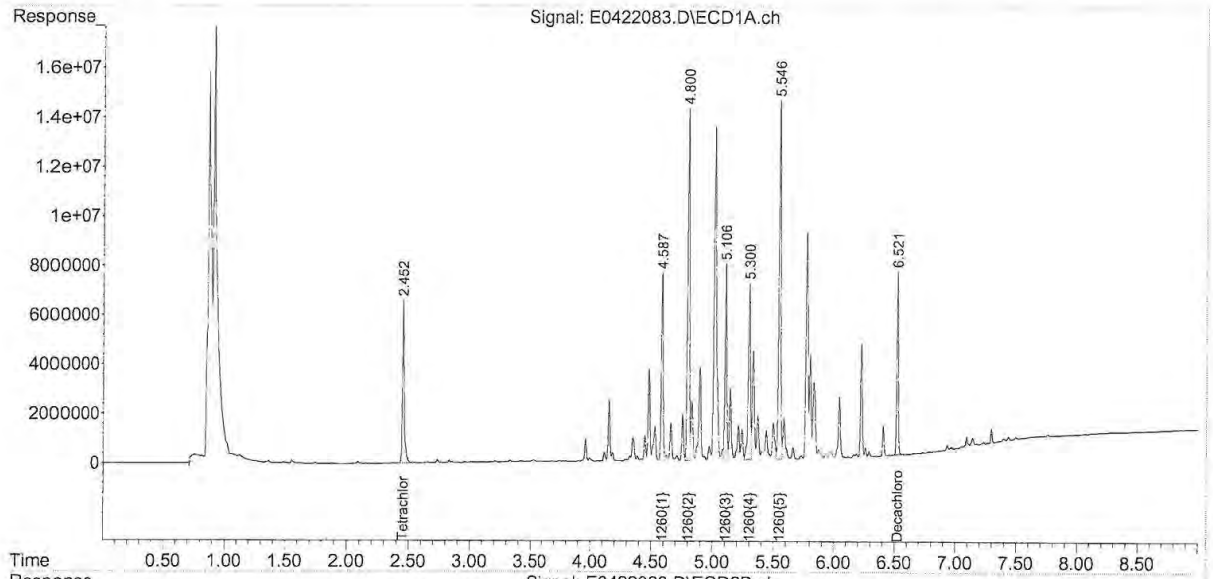


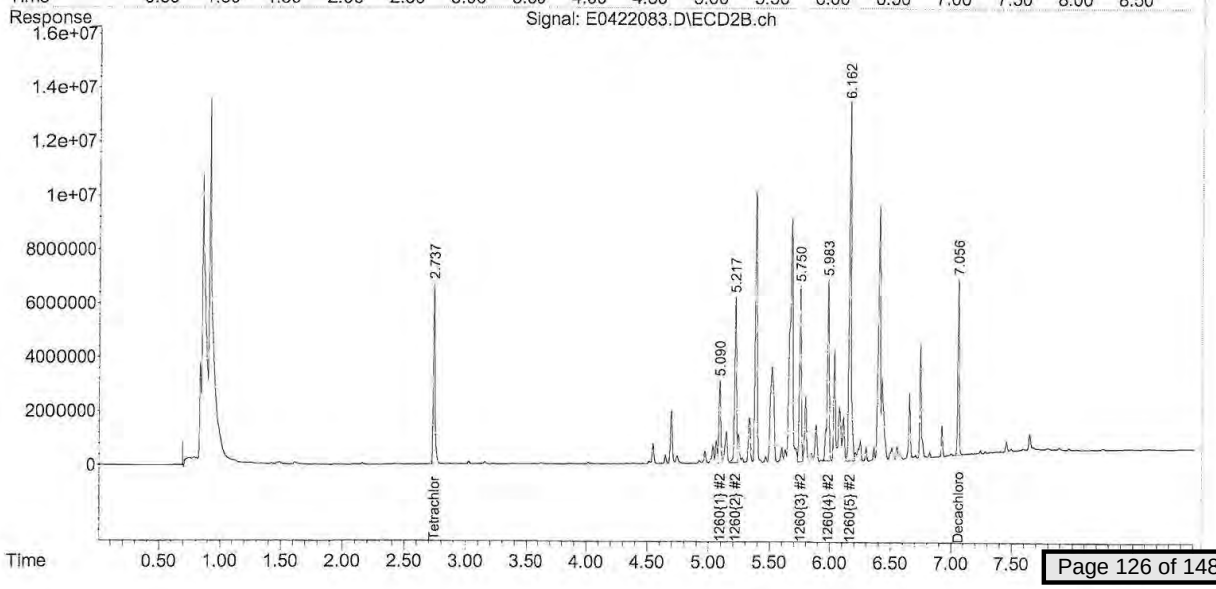
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 10:36 am
Operator : JMB
Sample : 14D0749-28@50X Inst : ECD 5
Misc :
ALS Vial : 83 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 11:34:40 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



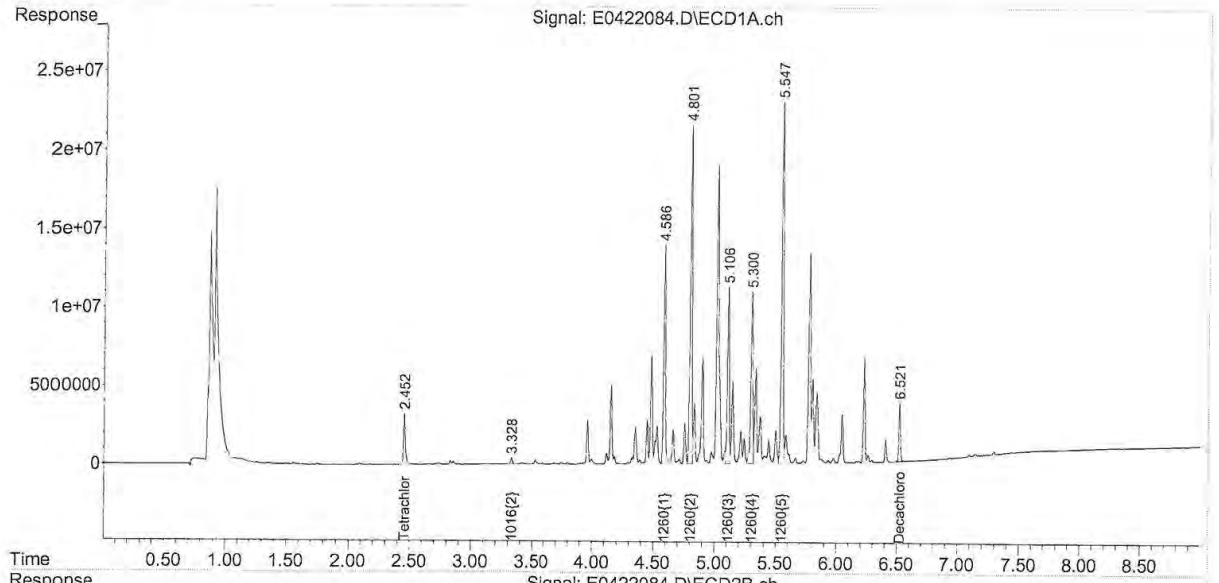


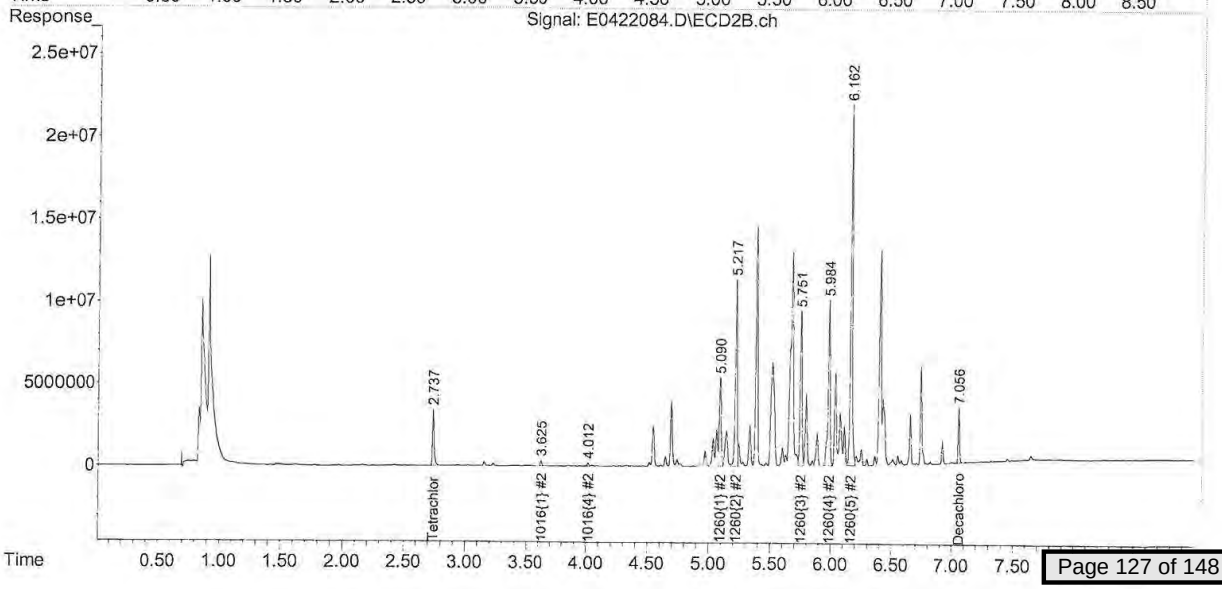
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\042214\
Data File : E0422084.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2014 10:49 am
Operator : JMB
Sample : 14D0749-36@50X Inst : ECD 5
Misc :
ALS Vial : 84 Sample Multiplier: 1

Integration File signal 1: 1260-F.E
Integration File signal 2: 1260-B.E
Quant Time: Apr 23 11:34:45 2014
Quant Method : C:\msdchem\1\METHODS\PCB methods\5-1260-042114C.M
Quant Title : 1260/1016 04/21/14 02/25/14
QLast Update : Mon Apr 21 15:45:14 2014
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



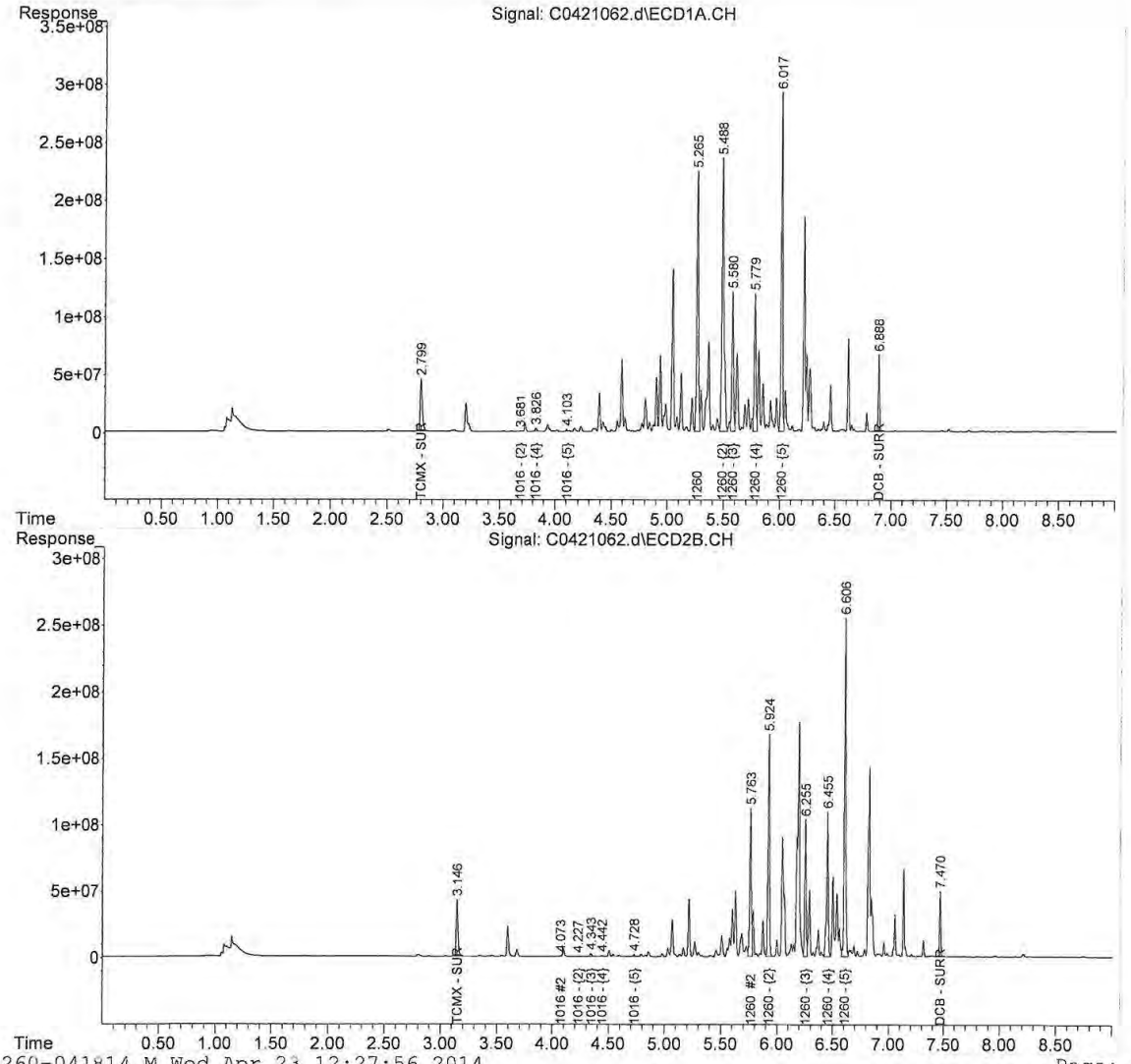


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421062.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 22:10 pm
Operator : JMB
Sample : 14D0749-01@5X Inst : DUAL ECD3
Misc :
ALS Vial : 62 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:39:58 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

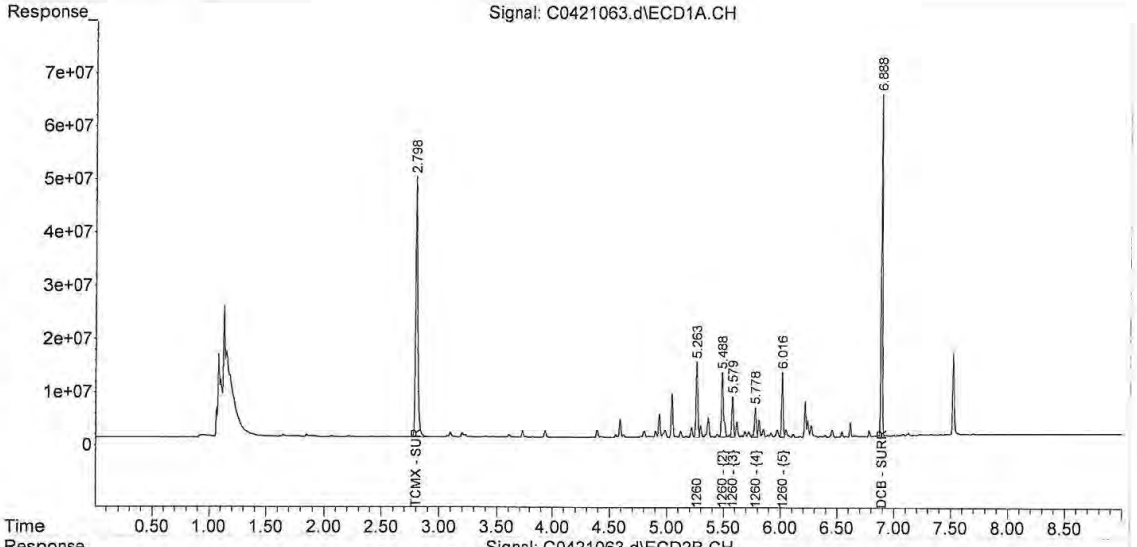


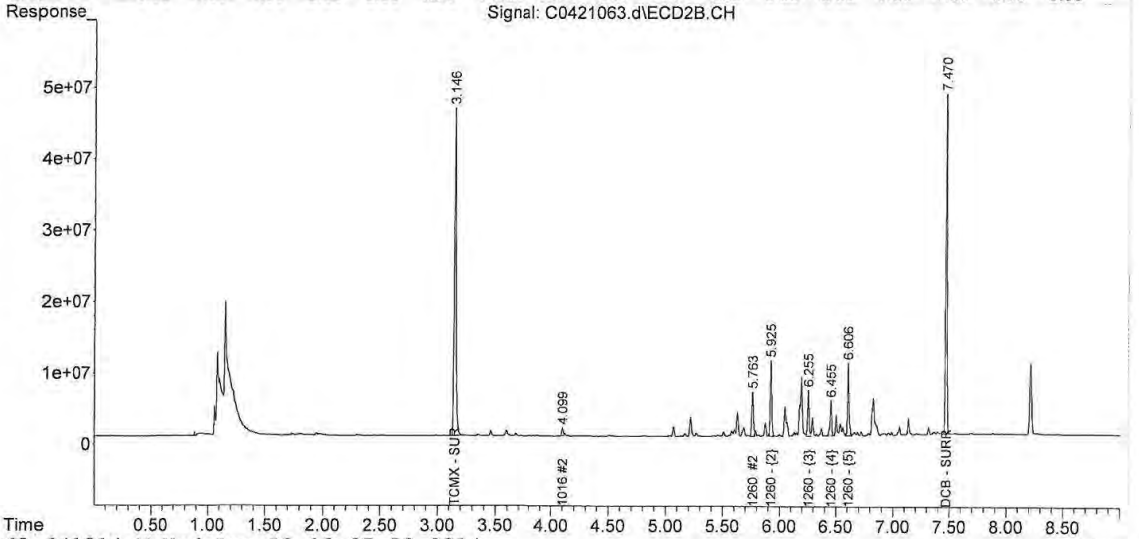
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421063.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 22:22 pm
Operator : JMB
Sample : 14D0749-02@5X Inst : DUAL ECD3
Misc :
ALS Vial : 63 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:01 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



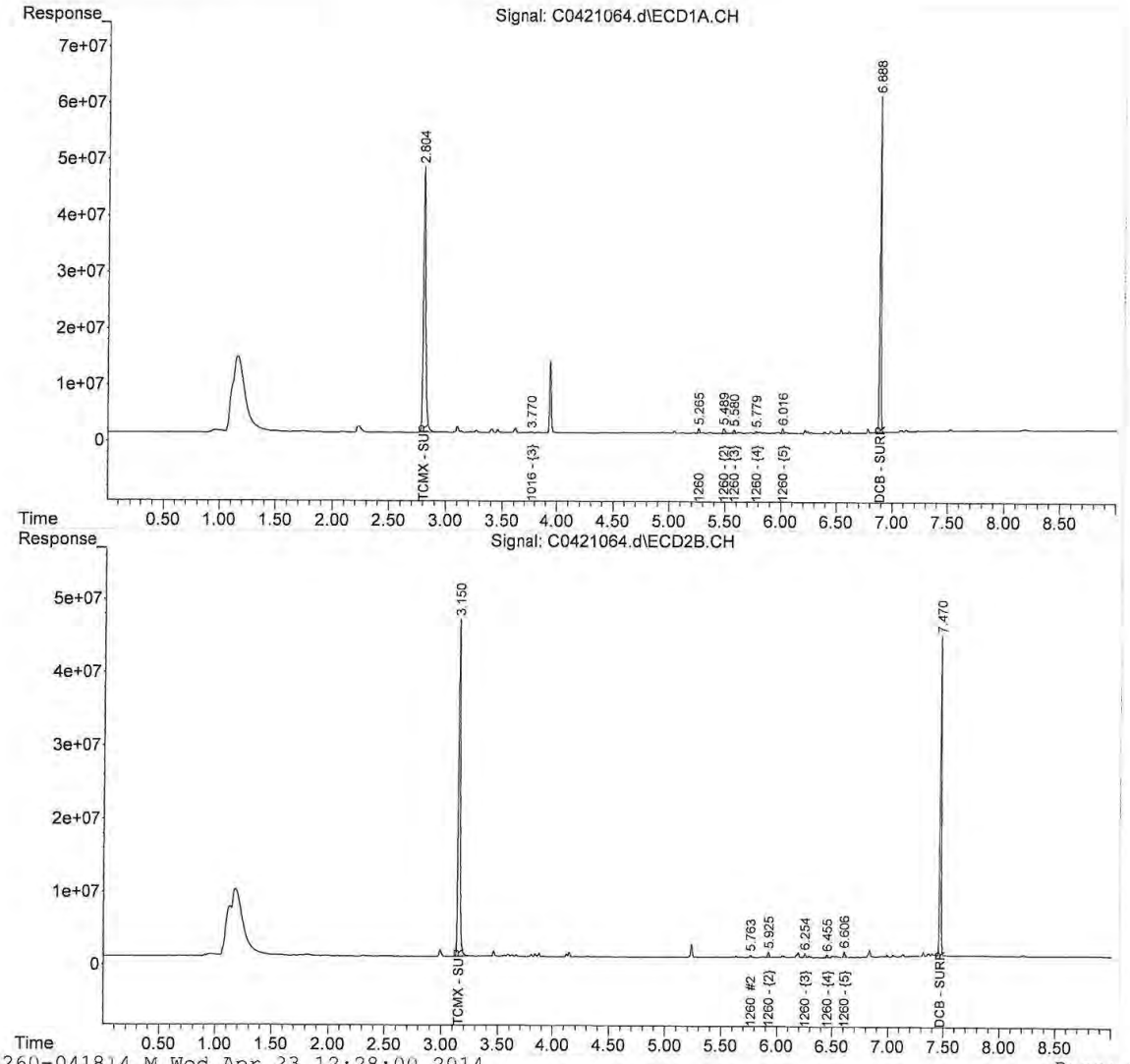


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421064.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 22:35 pm
Operator : JMB
Sample : 14D0749-03@5X Inst : DUAL ECD3
Misc :
ALS Vial : 64 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:04 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

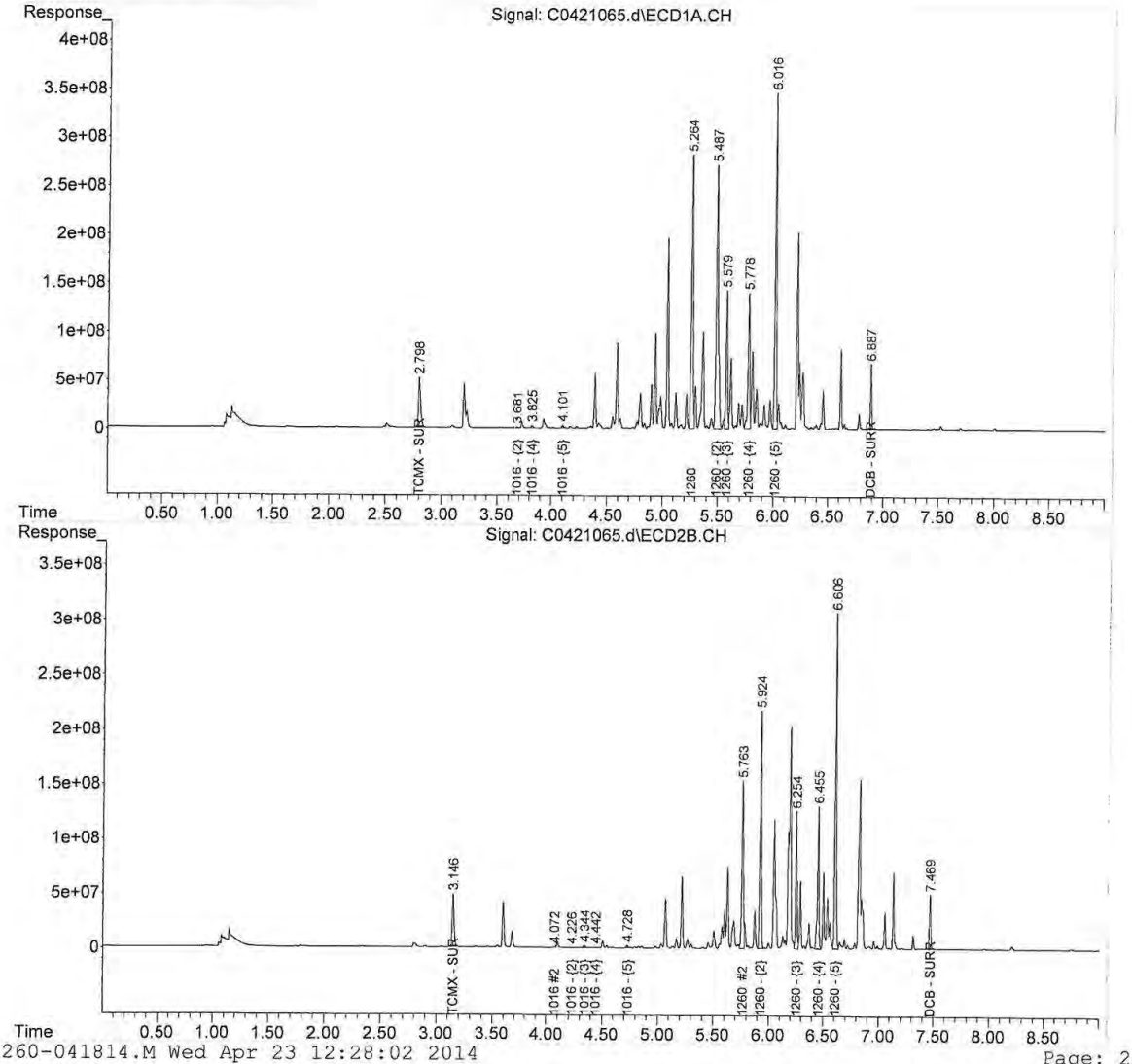


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421065.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 22:48 pm
Operator : JMB
Sample : 14D0749-04@5X Inst : DUAL ECD3
Misc :
ALS Vial : 65 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:07 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

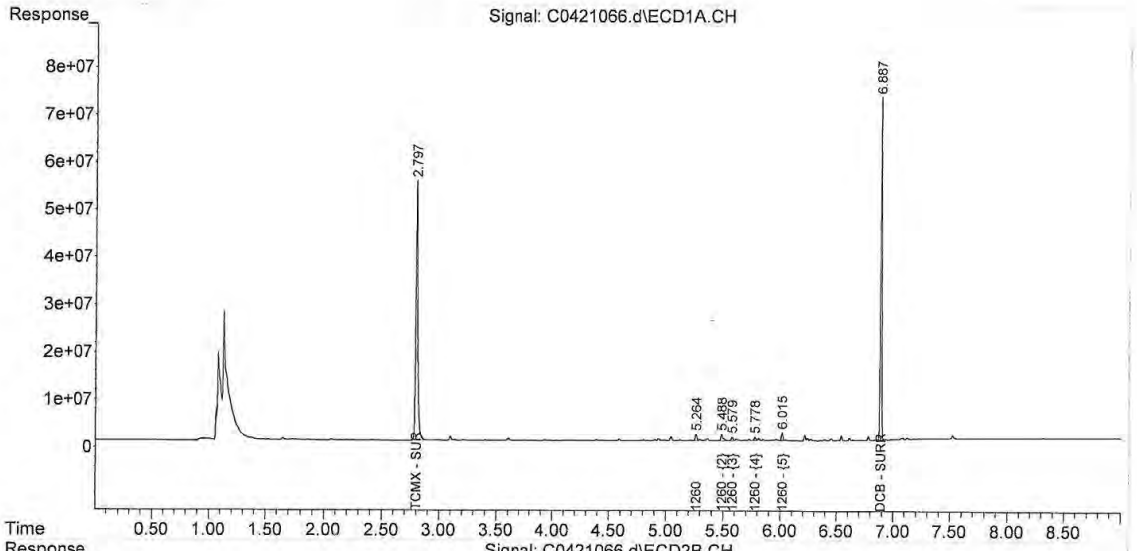


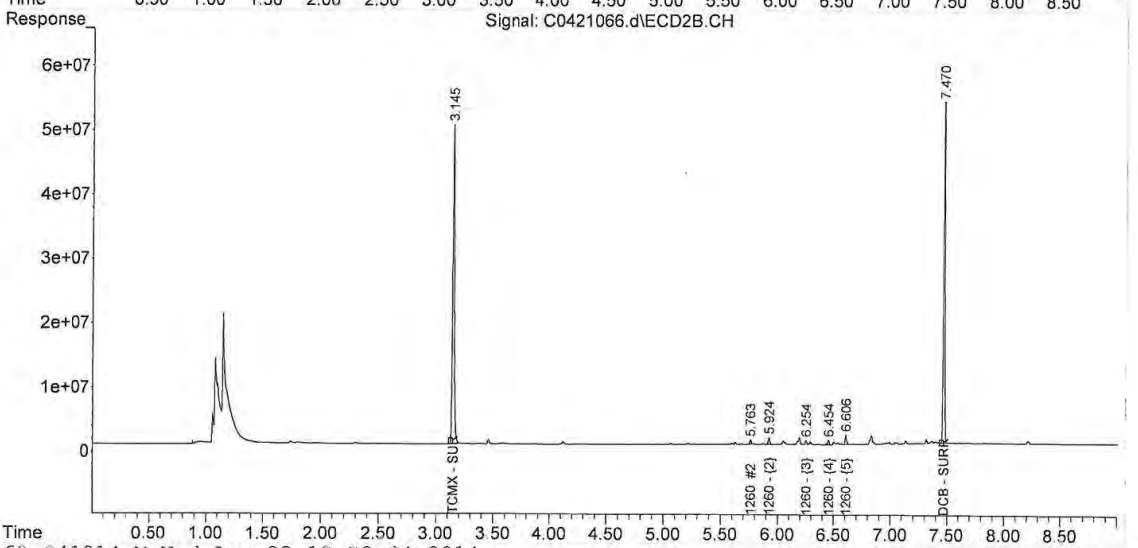
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421066.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 23:01 pm
Operator : JMB
Sample : 14D0749-05@5X Inst : DUAL ECD3
Misc :
ALS Vial : 66 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:10 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



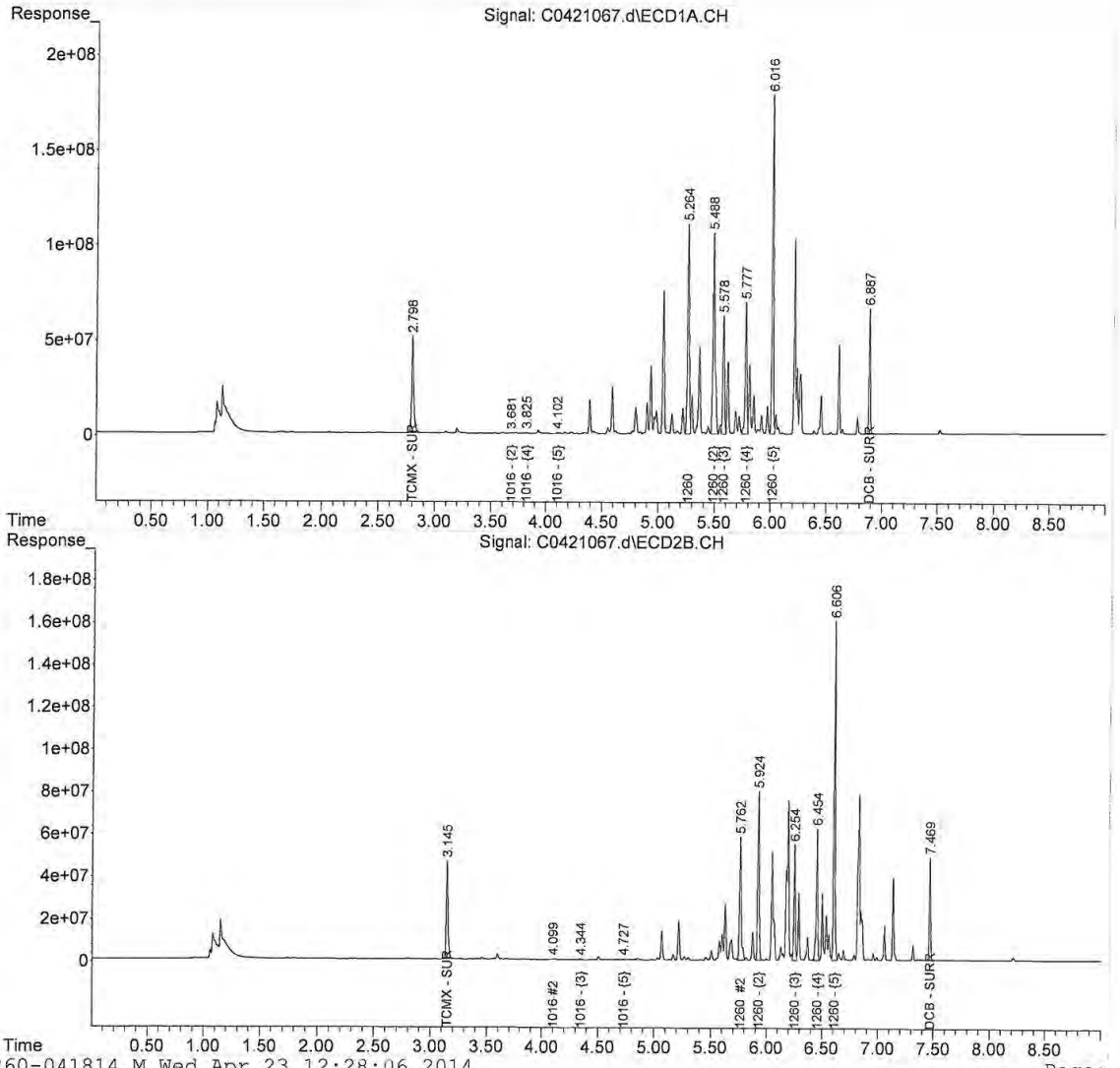


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421067.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 23:14 pm
Operator : JMB
Sample : 14D0749-06@5X Inst : DUAL ECD3
Misc :
ALS Vial : 67 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:13 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



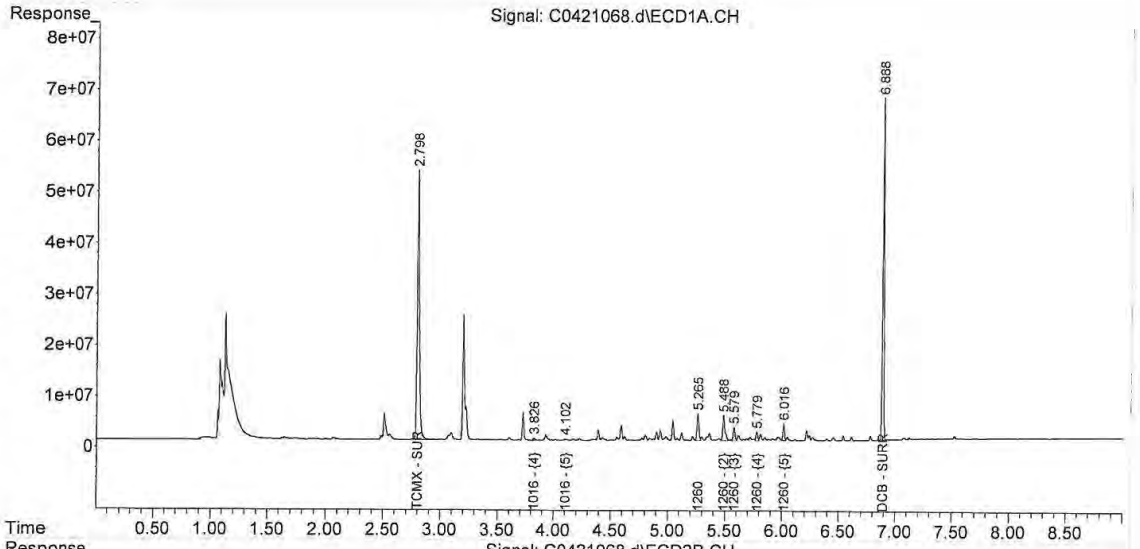
3-1260-041814.M Wed Apr 23 12:28:06 2014 Page: 2

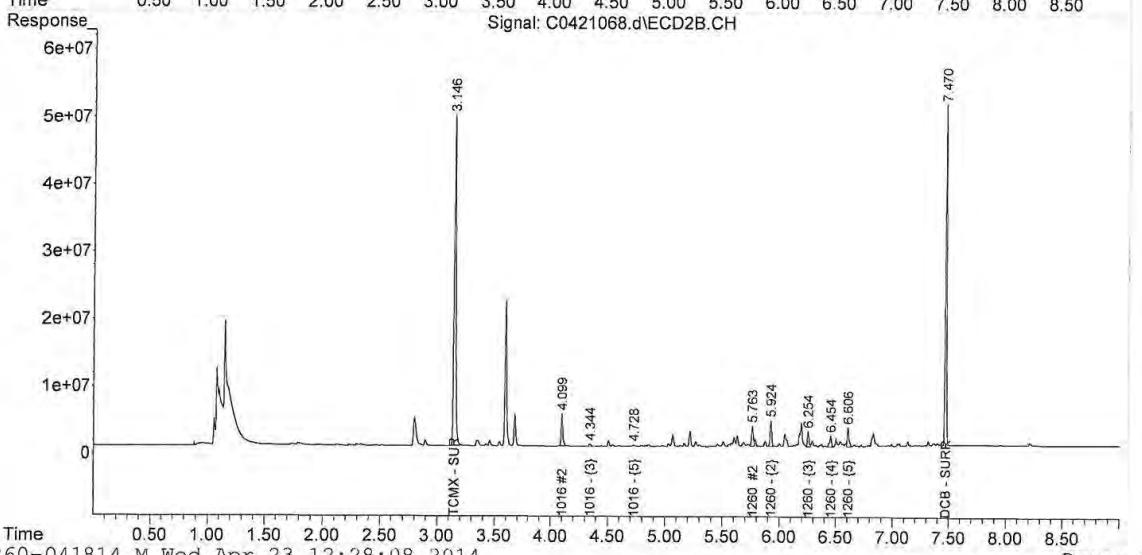
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421068.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 23:27 pm
Operator : JMB
Sample : 14D0749-07@5X Inst : DUAL ECD3
Misc :
ALS Vial : 68 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 11:30:09 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



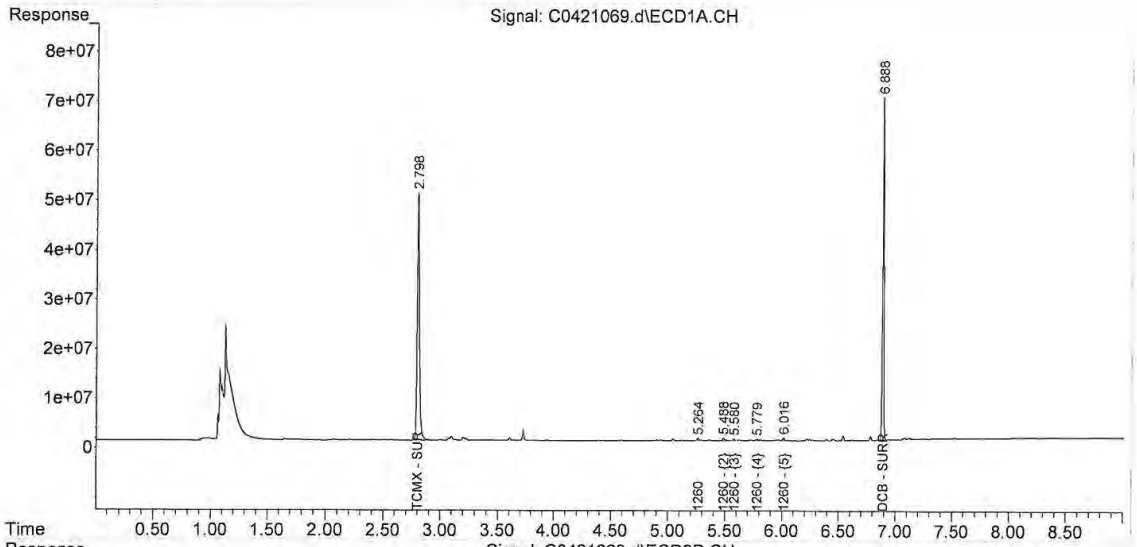


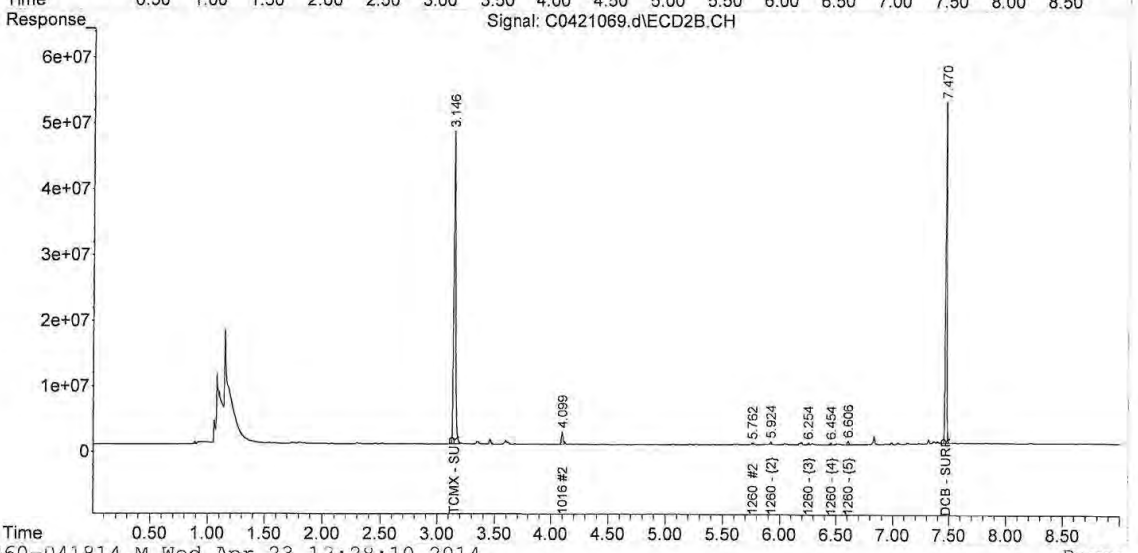
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421069.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 23:40 pm
Operator : JMB
Sample : 14D0749-08@5X Inst : DUAL ECD3
Misc :
ALS Vial : 69 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:19 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



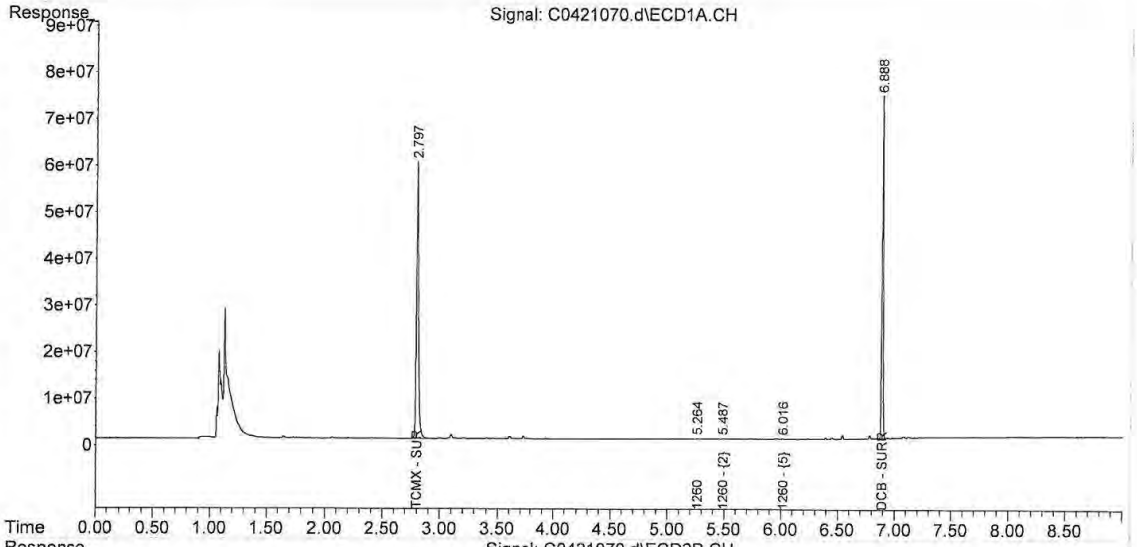


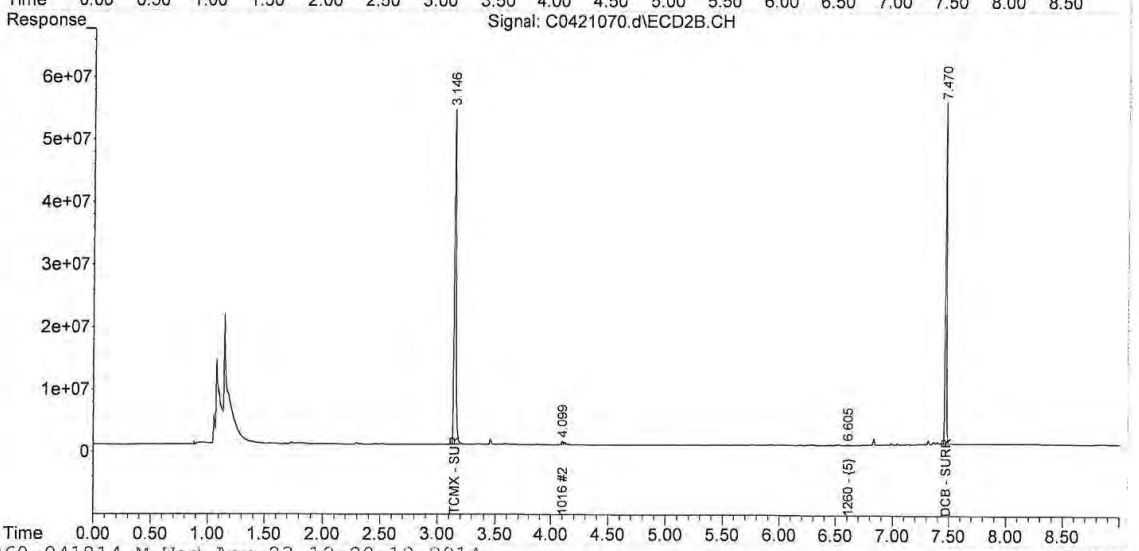
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421070.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2014 23:53 pm
Operator : JMB
Sample : 14D0749-09@5X Inst : DUAL ECD3
Misc :
ALS Vial : 70 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:22 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



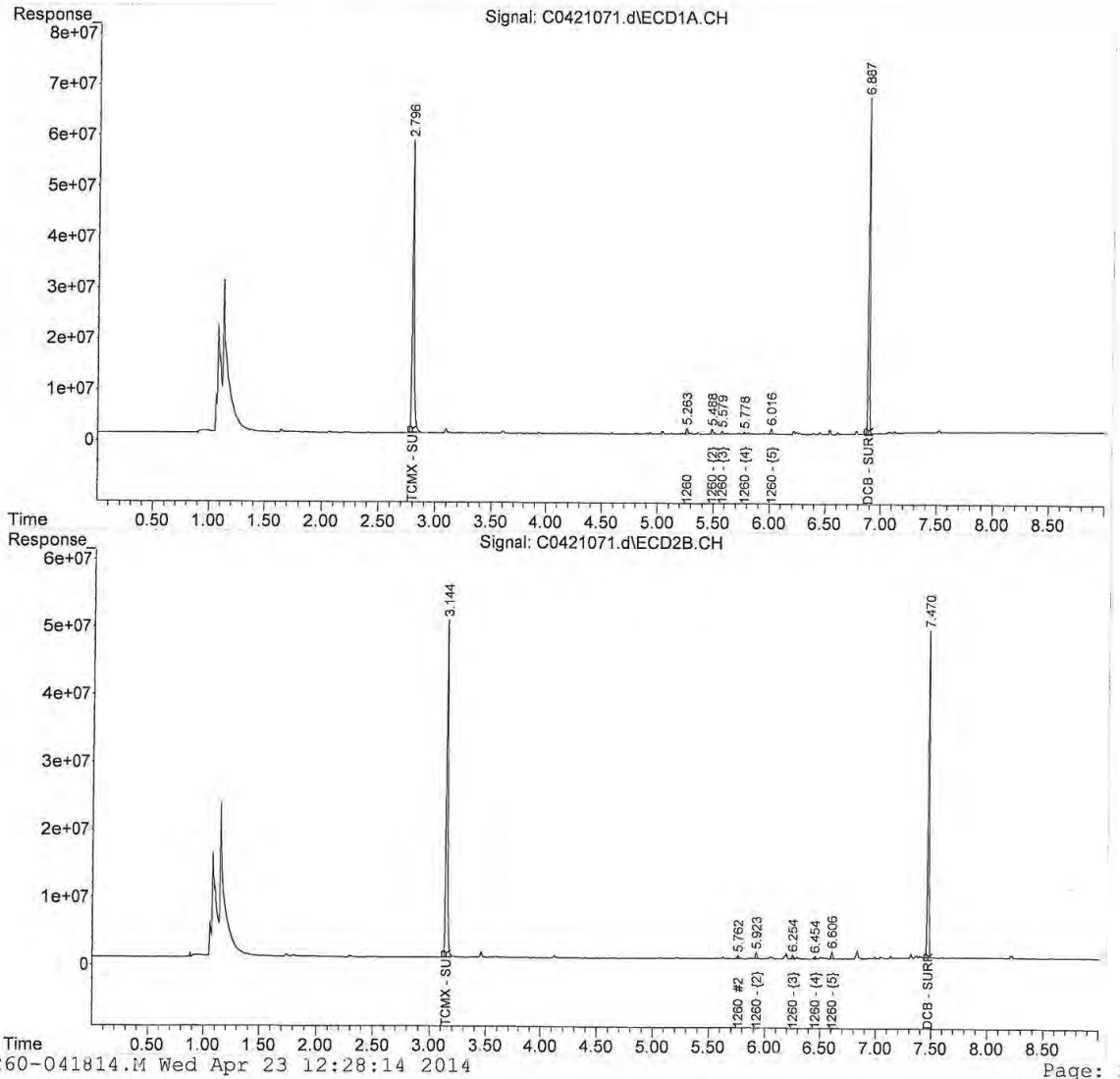


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421071.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 0:06 am
Operator : JMB
Sample : 14D0749-10@5X Inst : DUAL ECD3
Misc :
ALS Vial : 71 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:25 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

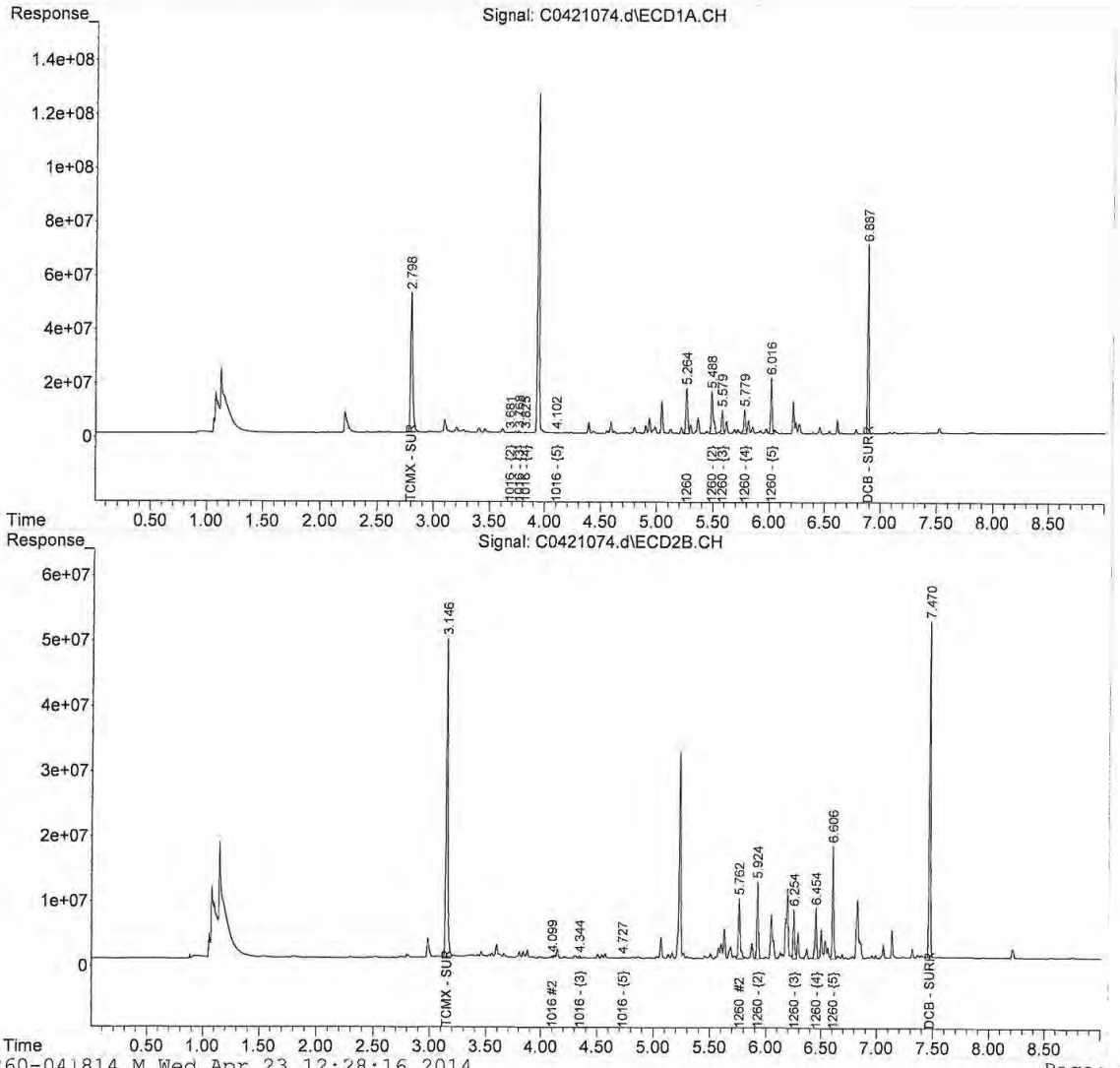


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421074.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 0:44 am
Operator : JMB
Sample : 14D0749-11@5X Inst : DUAL ECD3
Misc :
ALS Vial : 74 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:34 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

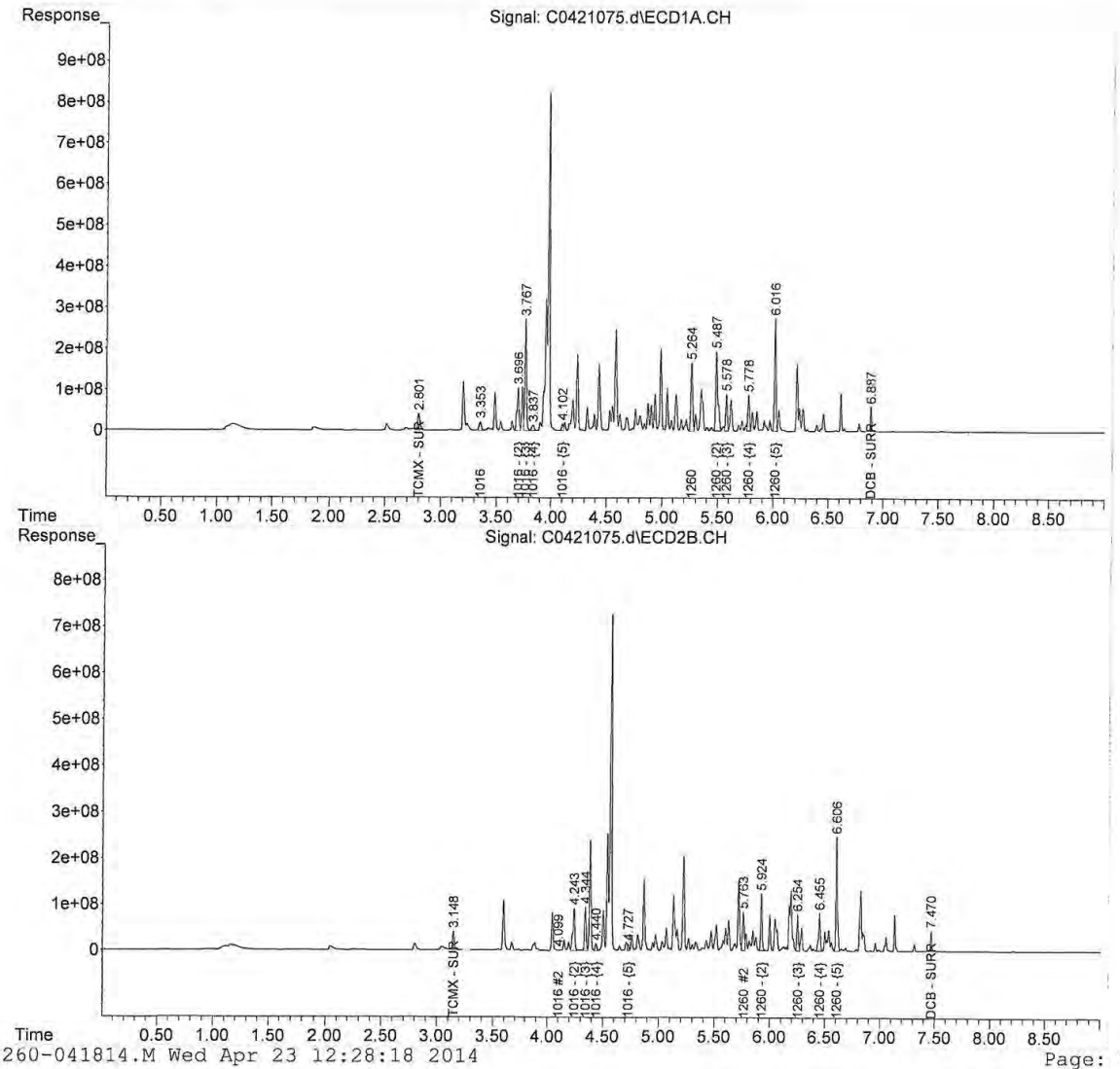


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421075.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 0:57 am
Operator : JMB
Sample : 14D0749-12@5X Inst : DUAL ECD3
Misc :
ALS Vial : 75 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:37 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



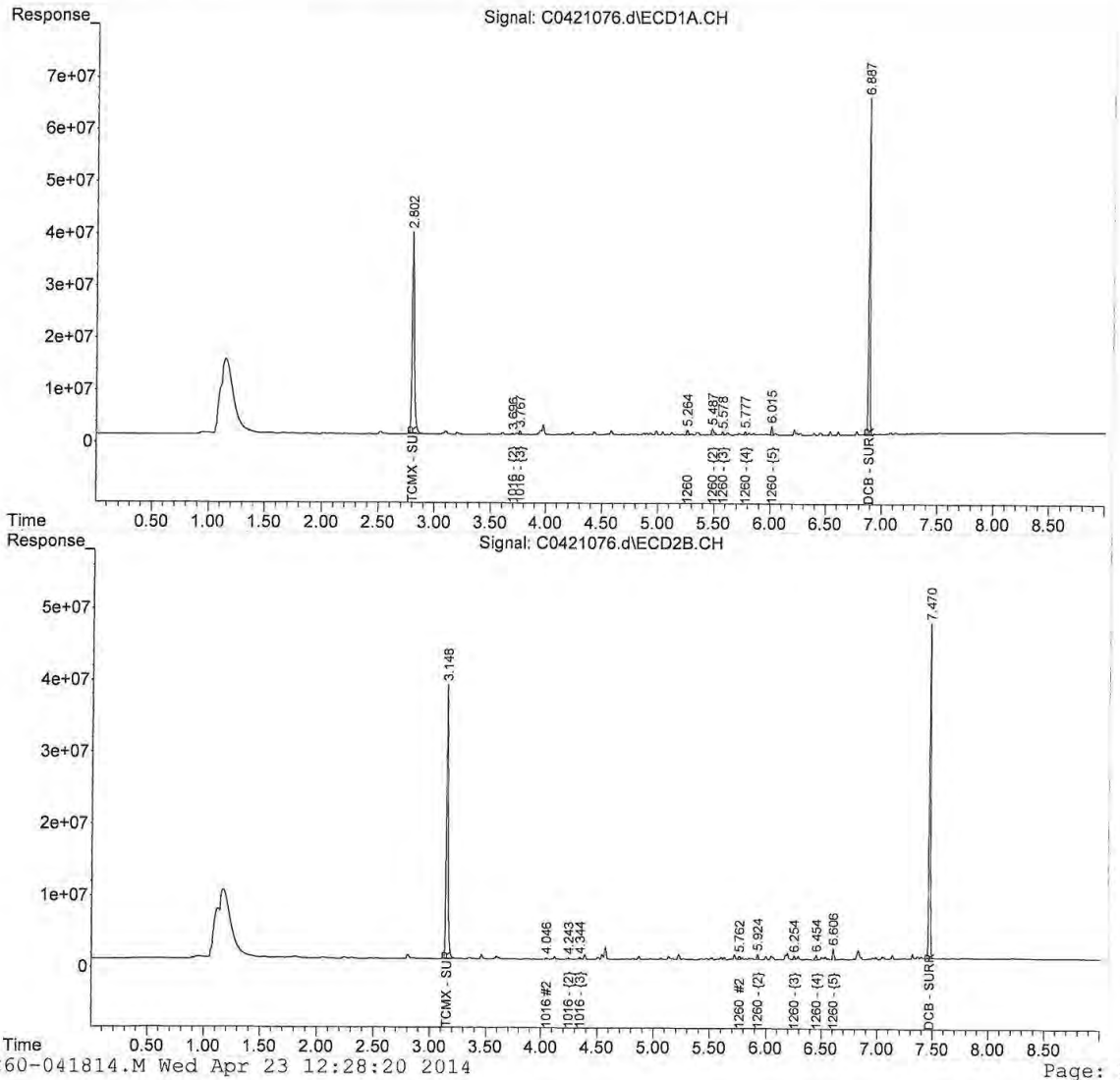
3-1260-041814.M Wed Apr 23 12:28:18 2014 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421076.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 1:10 am
Operator : JMB
Sample : 14D0749-13@5X Inst : DUAL ECD3
Misc :
ALS Vial : 76 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:40 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

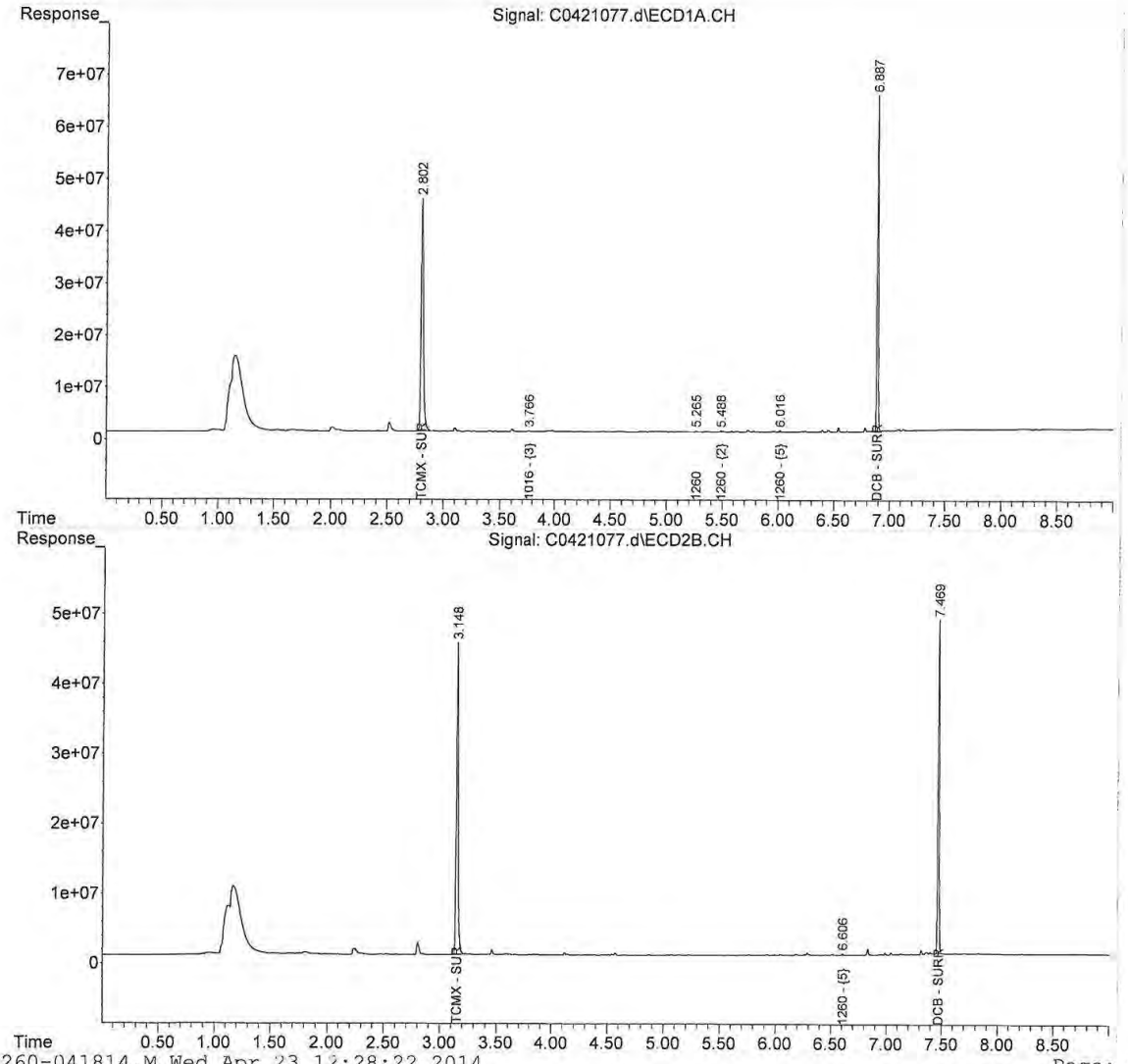


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421077.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 1:23 am
Operator : JMB
Sample : 14D0749-14@5X Inst : DUAL ECD3
Misc :
ALS Vial : 77 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:43 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

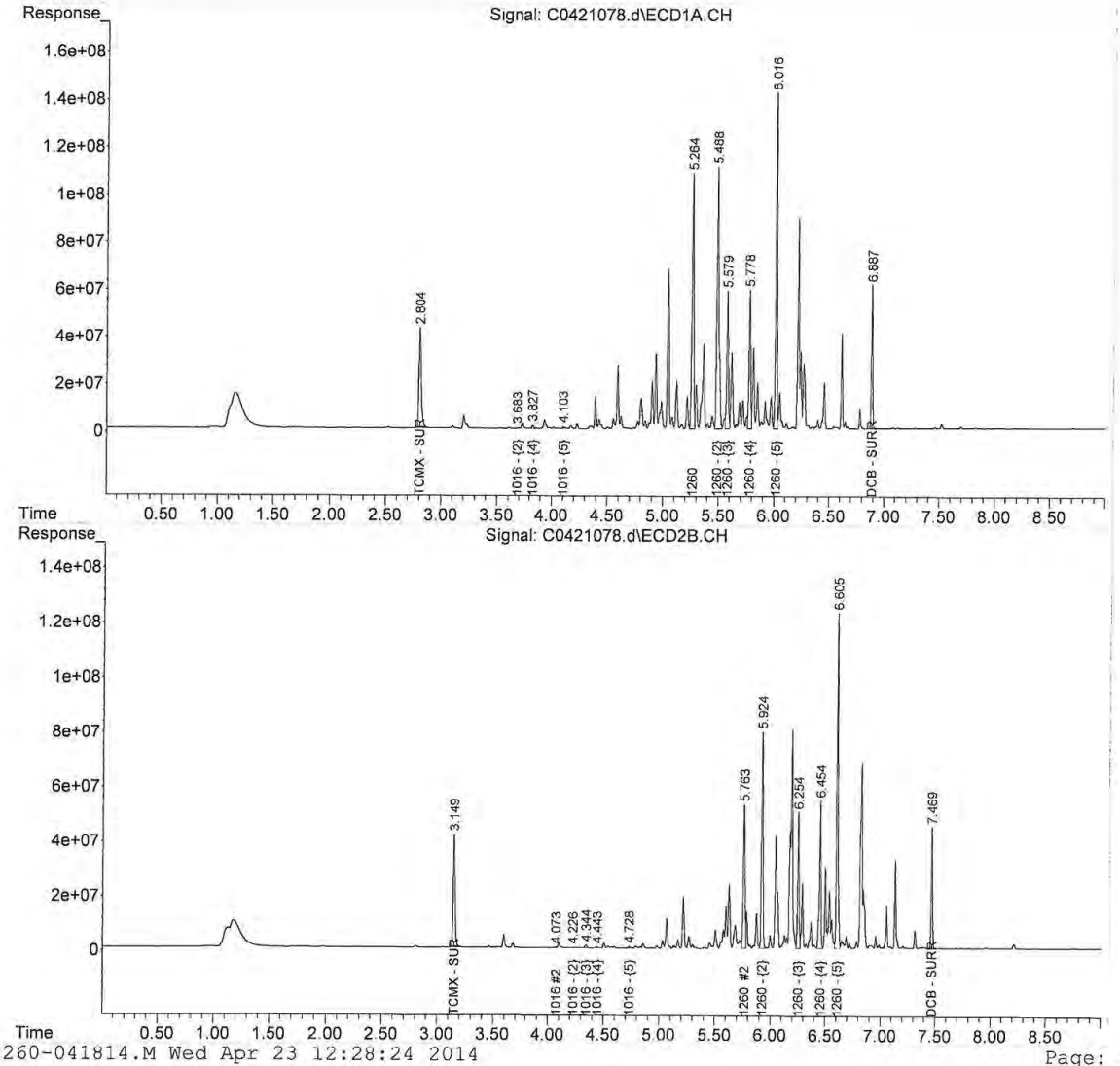


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421078.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 1:36 am
Operator : JMB
Sample : 14D0749-15@5X Inst : DUAL ECD3
Misc :
ALS Vial : 78 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:46 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

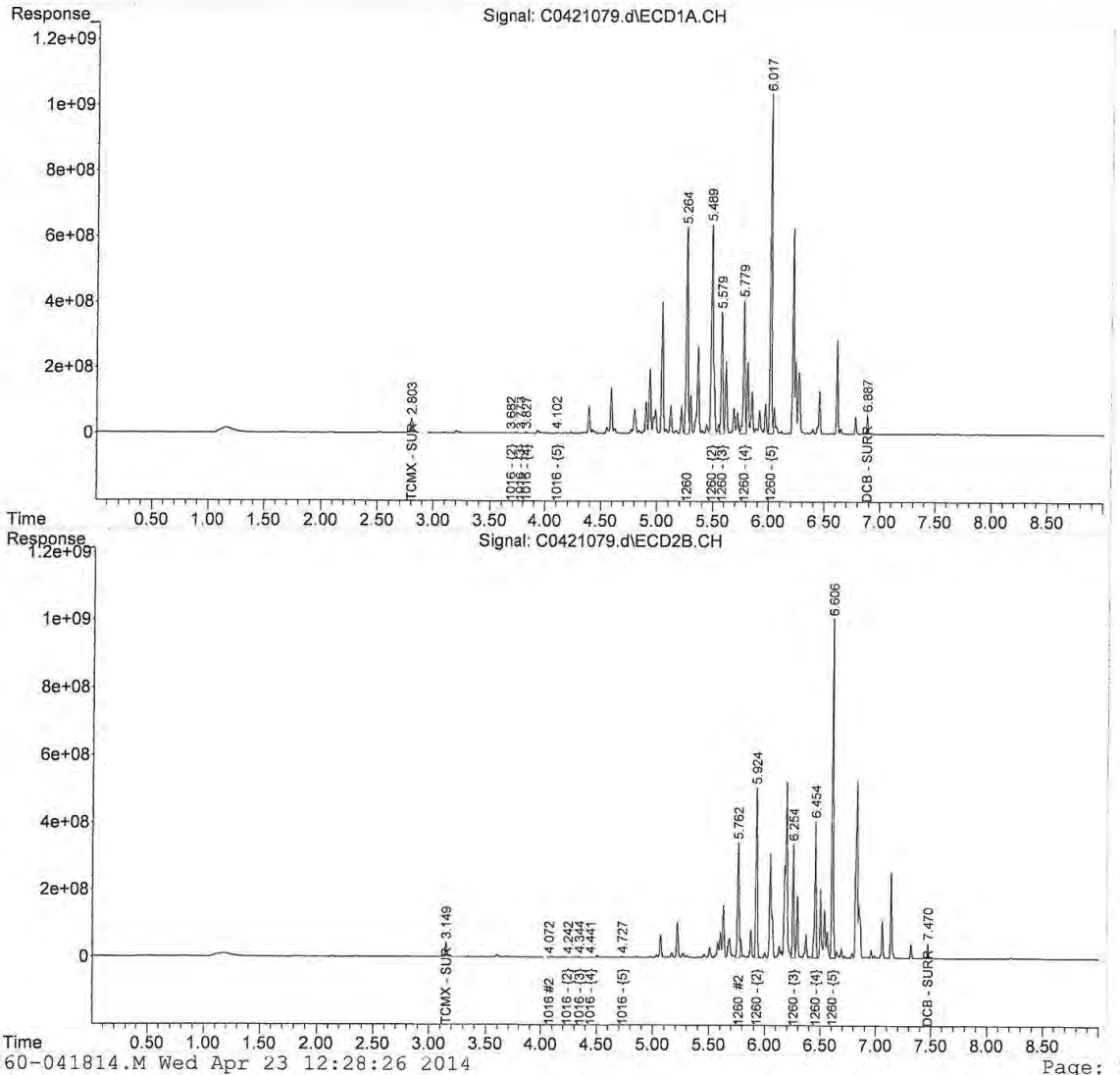


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421079.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 1:49 am
Operator : JMB
Sample : 14D0749-16@5X Inst : DUAL ECD3
Misc :
ALS Vial : 79 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:49 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

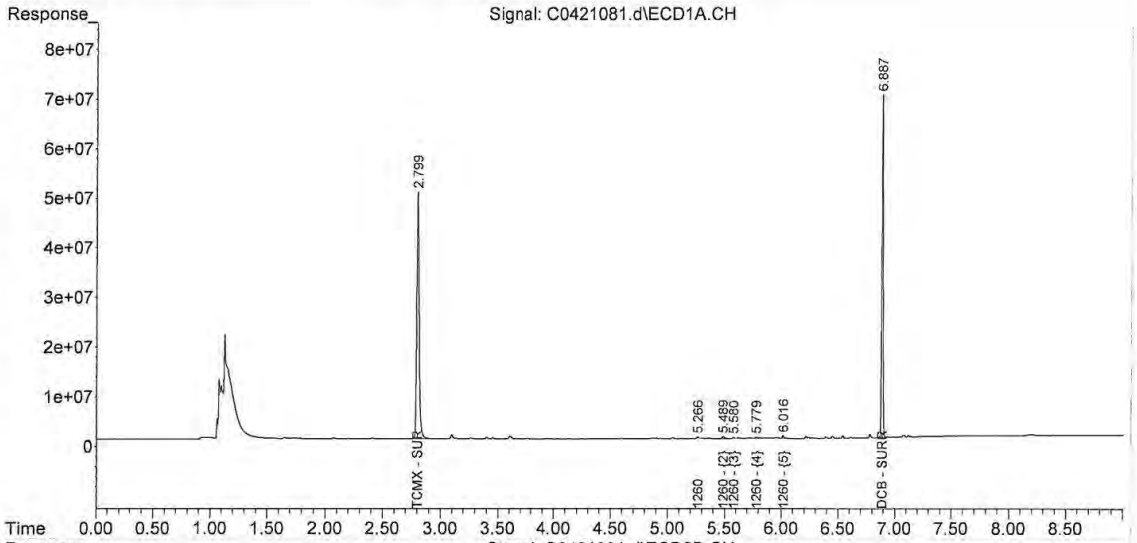


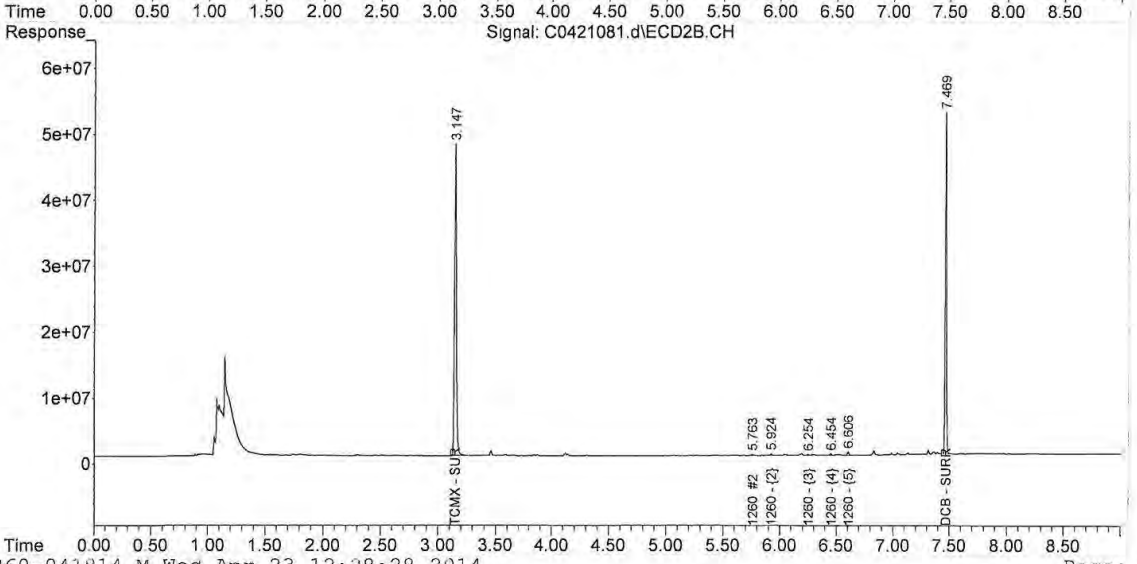
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421081.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 2:15 am
Operator : JMB
Sample : 14D0749-18@5X Inst : DUAL ECD3
Misc :
ALS Vial : 81 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:55 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



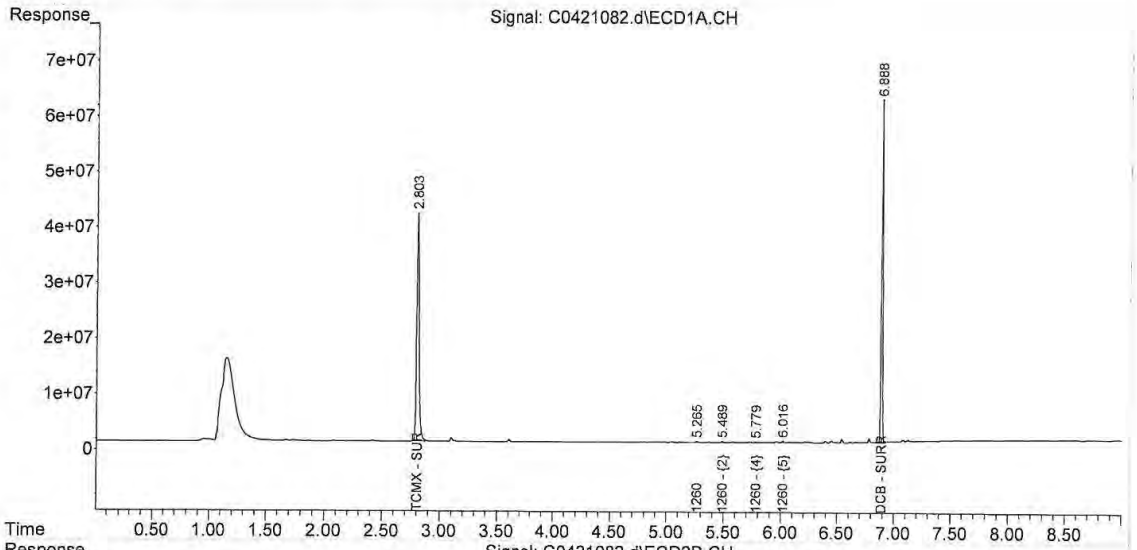


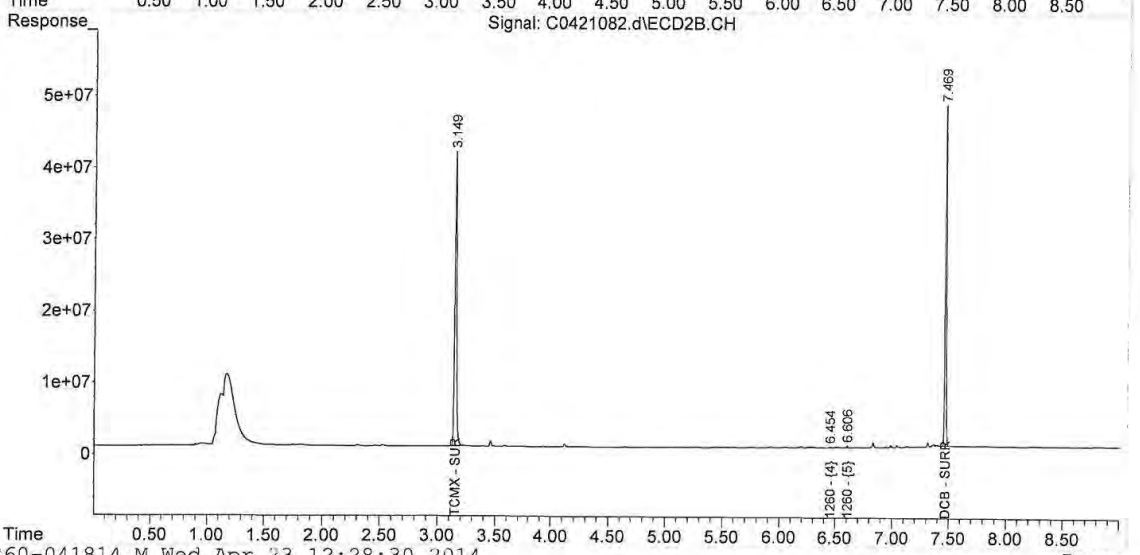
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421082.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 2:28 am
Operator : JMB
Sample : 14D0749-19@5X Inst : DUAL ECD3
Misc :
ALS Vial : 82 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:40:58 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



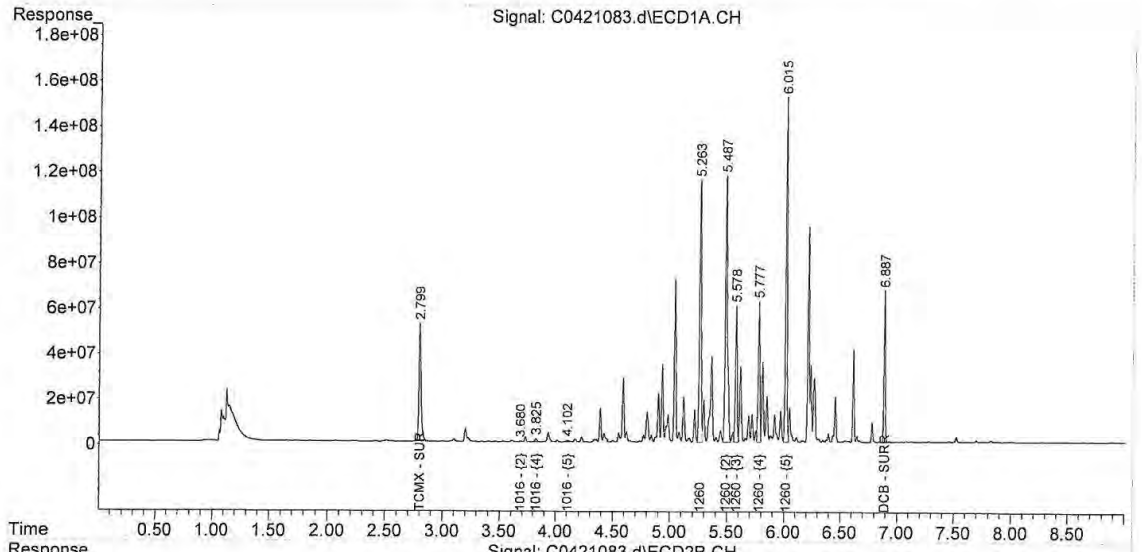


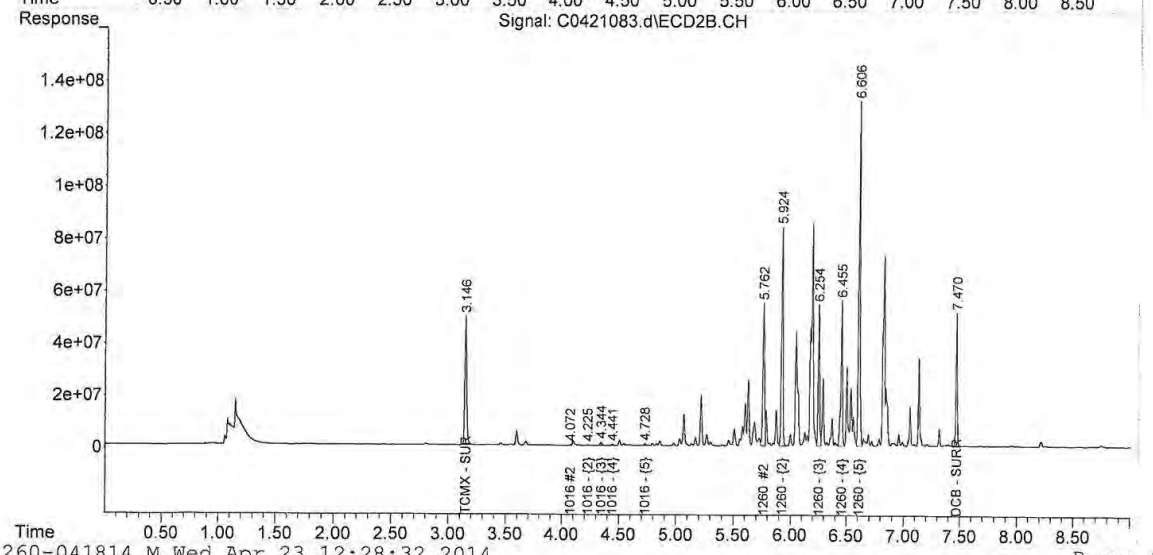
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421083.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 2:41 am
Operator : JMB
Sample : 14D0749-20@5X Inst : DUAL ECD3
Misc :
ALS Vial : 83 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 08:41:01 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



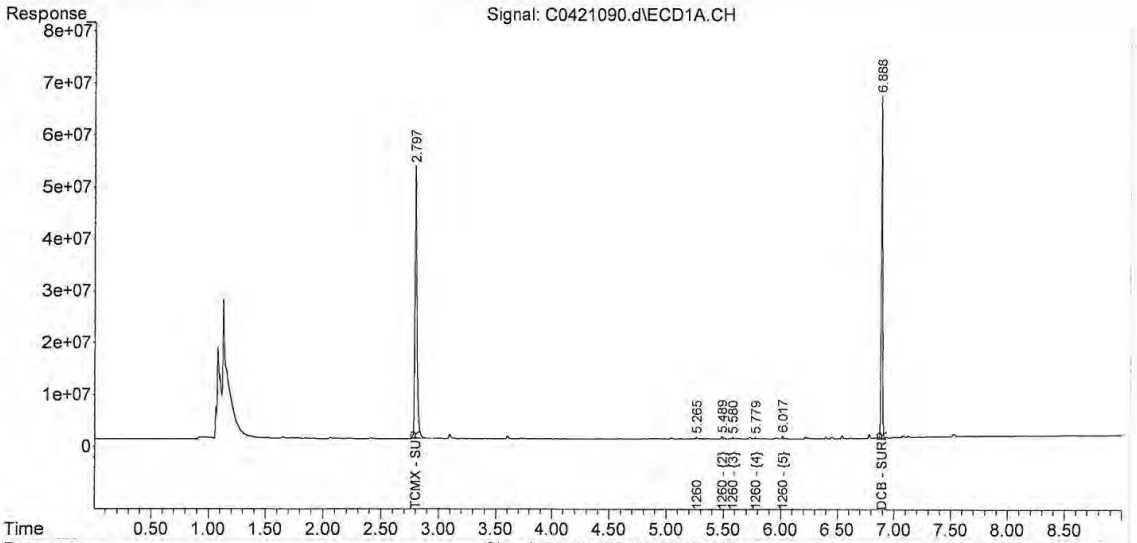


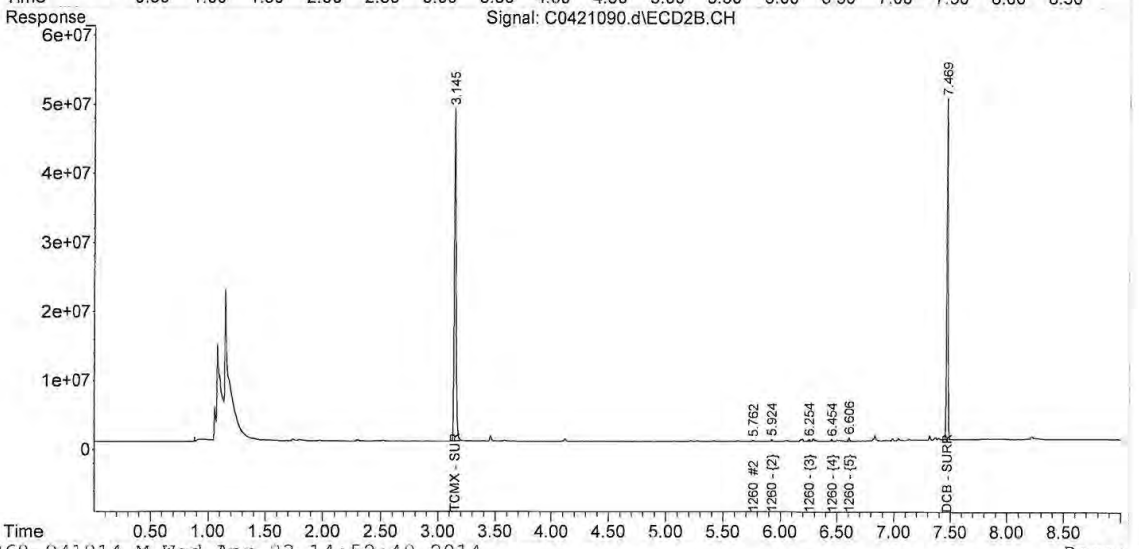
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042114\
Data File : C0421090.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2014 11:27 am
Operator : JMB
Sample : 14D0749-17@5X RR Inst : DUAL ECD3
Misc :
ALS Vial : 90 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: Apr 23 14:52:49 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 14D0749

Laboratory Sample ID(s):
14D0749-01 thru 14D0749-42

Sample Date(s):
04/18/2014

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Manager

Printed Name: Daren J. Damboragian **Date:** 04/25/14

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

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May 2, 2014

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14D1002

Enclosed are results of analyses for samples received by the laboratory on April 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/2/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D1002

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EB-101	14D1002-01	Equipment Blank Water		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1002

Date Received: 4/25/2014

Field Sample #: EB-101 | Sampled: 4/25/2014 15:40

Sample ID: 14D1002-01

Sample Matrix: Equipment Blank Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1221 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1232 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1242 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1248 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1254 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1260 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1262 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC
Aroclor-1268 [1]	ND	0.19	µg/L	1		SW-846 8082A	5/1/14	5/1/14 14:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		5/1/14 14:45
Decachlorobiphenyl [2]	96.6	30-150		5/1/14 14:45
Tetrachloro-m-xylene [1]	103	30-150		5/1/14 14:45
Tetrachloro-m-xylene [2]	97.0	30-150		5/1/14 14:45

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
14D1002-01RE1 [EB-101]	B094854	925	9.00	05/01/14

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094546 - SW-846 3510C										
Blank (B094546-BLK1)				Prepared: 04/26/14 Analyzed: 04/29/14						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.37*		µg/L	2.00		68.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.30*		µg/L	2.00		65.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.13*		µg/L	2.00		56.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.24*		µg/L	2.00		62.0	30-150			
LCS (B094546-BS1)				Prepared: 04/26/14 Analyzed: 04/29/14						
Aroclor-1016	0.35	0.20	µg/L	0.500		69.0	40-140			
Aroclor-1016 [2C]	0.40	0.20	µg/L	0.500		80.5	40-140			
Aroclor-1260	0.34	0.20	µg/L	0.500		68.9	40-140			
Aroclor-1260 [2C]	0.39	0.20	µg/L	0.500		77.7	40-140			
Surrogate: Decachlorobiphenyl	*1.39*		µg/L	2.00		69.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.33*		µg/L	2.00		66.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.23*		µg/L	2.00		61.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.37*		µg/L	2.00		68.4	30-150			
LCS Dup (B094546-BSD1)				Prepared: 04/26/14 Analyzed: 04/29/14						
Aroclor-1016	0.34	0.20	µg/L	0.500		68.5	40-140	0.794	20	
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		81.0	40-140	0.646	20	
Aroclor-1260	0.37	0.20	µg/L	0.500		74.0	40-140	7.22	20	
Aroclor-1260 [2C]	0.40	0.20	µg/L	0.500		79.7	40-140	2.57	20	
Surrogate: Decachlorobiphenyl	*1.39*		µg/L	2.00		69.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.36*		µg/L	2.00		68.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.19*		µg/L	2.00		59.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.32*		µg/L	2.00		65.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094854 - SW-846 3510C										
Blank (B094854-BLK1)				Prepared & Analyzed: 05/01/14						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*2.14*		µg/L	2.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/L	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	*1.80*		µg/L	2.00		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.71*		µg/L	2.00		85.3	30-150			
LCS (B094854-BS1)				Prepared & Analyzed: 05/01/14						
Aroclor-1016	0.50	0.20	µg/L	0.500		101	40-140			
Aroclor-1016 [2C]	0.47	0.20	µg/L	0.500		93.4	40-140			
Aroclor-1260	0.61	0.20	µg/L	0.500		122	40-140			
Aroclor-1260 [2C]	0.52	0.20	µg/L	0.500		103	40-140			
Surrogate: Decachlorobiphenyl	*2.13*		µg/L	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.85*		µg/L	2.00		92.6	30-150			
Surrogate: Tetrachloro-m-xylene	*1.76*		µg/L	2.00		87.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.66*		µg/L	2.00		82.9	30-150			
LCS Dup (B094854-BSD1)				Prepared & Analyzed: 05/01/14						
Aroclor-1016	0.51	0.20	µg/L	0.500		103	40-140	1.95	20	
Aroclor-1016 [2C]	0.46	0.20	µg/L	0.500		92.2	40-140	1.40	20	
Aroclor-1260	0.53	0.20	µg/L	0.500		106	40-140	13.8	20	
Aroclor-1260 [2C]	0.48	0.20	µg/L	0.500		95.7	40-140	7.76	20	
Surrogate: Decachlorobiphenyl	*2.10*		µg/L	2.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.83*		µg/L	2.00		91.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.62*		µg/L	2.00		81.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.51*		µg/L	2.00		75.5	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

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CHAIN OF CUSTODY RECORD

14D1002

Page 1 of 1

Company Name: Weston and Sampson (for NUSCO)
Telephone: 860 513-1473
Address: 273 Dividend Rd
Rocky Hill, CT 06067
Project # 860 513-1483
Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Will Sroknak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER_____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
											H		A
01	EB-101	4/25/14	1540		X	O	U	X			1		6
—	WIPE-100	↓	1550		X	↓	↓	X	X		1		6

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: 5 DAY TAT on EB-101 ; 24 HR TAT on WIPE-100
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium, L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 4/25/14	1555
Received by: (signature)	Date/Time:
[signature] 4/25/14	1555
Relinquished by: (signature)	Date/Time:
[signature] 4/25/14	1745
Received by: (signature)	Date/Time:
[signature] 4.25.14	1745

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 3-DAY
RUSH †
☒ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
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F: 413-525-6405
www.contestlabs.com

con-test ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Western & Southern NWSY RECEIVED BY: CC DATE: 4.25.14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included

2) **Does the chain agree with the samples?** (Yes) No
If not, explain:

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 6.0°

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

8) **Do all samples have the proper Acid pH:** Yes No (N/A)

9) **Do all samples have the proper Base pH:** Yes No (N/A)

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	1 (wipe)
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: CC

Date/Time:

Date/Time: 4.25.14 1745

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 14D1002

Laboratory Sample ID(s):
14D1002-01

Sample Date(s):
04/25/2014

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Manager

Printed Name: Daren J. Damboragian **Date:** 05/02/14

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

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May 2, 2014

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 14D1004

Enclosed are results of analyses for samples received by the laboratory on April 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/2/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D1004

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
S1-1	14D1004-01	Soil		SM 2540G	
				SW-846 8082A	
S1-2	14D1004-02	Soil		SM 2540G	
				SW-846 8082A	
S1-3	14D1004-03	Soil		SM 2540G	
				SW-846 8082A	
S1-4	14D1004-04	Soil		SM 2540G	
				SW-846 8082A	
S2-1	14D1004-05	Soil		SM 2540G	
				SW-846 8082A	
S2-2	14D1004-06	Soil		SM 2540G	
				SW-846 8082A	
S2-3	14D1004-07	Soil		SM 2540G	
				SW-846 8082A	
S2-4	14D1004-08	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]
14D1004-05[S2-1], 14D1004-06[S2-2], 14D1004-08[S2-4]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-1 | Sampled: 4/25/2014 13:20

Sample ID: 14D1004-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1260 [2]	0.18	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 20:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.7	30-150		5/1/14 20:21
Decachlorobiphenyl [2]	66.7	30-150		5/1/14 20:21
Tetrachloro-m-xylene [1]	81.5	30-150		5/1/14 20:21
Tetrachloro-m-xylene [2]	85.9	30-150		5/1/14 20:21

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-1 | Sampled: 4/25/2014 13:20

Sample ID: 14D1004-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.7		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-2 | Sampled: 4/25/2014 13:22

Sample ID: 14D1004-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1254 [2]	0.056	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1260 [2]	0.092	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.3	30-150		5/1/14 20:34
Decachlorobiphenyl [2]	65.8	30-150		5/1/14 20:34
Tetrachloro-m-xylene [1]	80.0	30-150		5/1/14 20:34
Tetrachloro-m-xylene [2]	85.2	30-150		5/1/14 20:34

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-2 | Sampled: 4/25/2014 13:22

Sample ID: 14D1004-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.5		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-3 | Sampled: 4/25/2014 13:24

Sample ID: 14D1004-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1221 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1232 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1242 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1248 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1254 [2]	0.034	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1260 [2]	0.054	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1262 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC
Aroclor-1268 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 20:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	63.5	30-150		5/1/14 20:47
Decachlorobiphenyl [2]	58.3	30-150		5/1/14 20:47
Tetrachloro-m-xylene [1]	79.6	30-150		5/1/14 20:47
Tetrachloro-m-xylene [2]	85.2	30-150		5/1/14 20:47

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-3 | Sampled: 4/25/2014 13:24

Sample ID: 14D1004-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.6		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-4 | Sampled: 4/25/2014 13:26

Sample ID: 14D1004-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1254 [2]	0.037	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1260 [2]	0.060	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:00	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	60.6	30-150		5/1/14 21:00
Decachlorobiphenyl [2]	56.6	30-150		5/1/14 21:00
Tetrachloro-m-xylene [1]	72.9	30-150		5/1/14 21:00
Tetrachloro-m-xylene [2]	77.8	30-150		5/1/14 21:00

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S1-4 | Sampled: 4/25/2014 13:26

Sample ID: 14D1004-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.0		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-1 | Sampled: 4/25/2014 13:40

Sample ID: 14D1004-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1221 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1232 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1242 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1248 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1254 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1260 [2]	0.091	0.028	mg/Kg dry	1	O-03	SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1262 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC
Aroclor-1268 [1]	ND	0.028	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.5	30-150		5/1/14 21:12
Decachlorobiphenyl [2]	64.1	30-150		5/1/14 21:12
Tetrachloro-m-xylene [1]	78.8	30-150		5/1/14 21:12
Tetrachloro-m-xylene [2]	82.2	30-150		5/1/14 21:12

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-1 | Sampled: 4/25/2014 13:40

Sample ID: 14D1004-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	68.2		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-2 | Sampled: 4/25/2014 13:42

Sample ID: 14D1004-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	0.042	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1260 [2]	0.039	0.023	mg/Kg dry	1	O-03	SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	66.5	30-150		5/1/14 21:25
Decachlorobiphenyl [2]	61.7	30-150		5/1/14 21:25
Tetrachloro-m-xylene [1]	77.5	30-150		5/1/14 21:25
Tetrachloro-m-xylene [2]	81.6	30-150		5/1/14 21:25

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-2 | Sampled: 4/25/2014 13:42

Sample ID: 14D1004-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.1		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-3 | Sampled: 4/25/2014 13:44

Sample ID: 14D1004-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1248 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1254 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1260 [2]	0.48	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 18:17	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.1	30-150		4/30/14 18:17
Decachlorobiphenyl [2]	94.9	30-150		4/30/14 18:17
Tetrachloro-m-xylene [1]	83.2	30-150		4/30/14 18:17
Tetrachloro-m-xylene [2]	89.8	30-150		4/30/14 18:17

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-3 | Sampled: 4/25/2014 13:44

Sample ID: 14D1004-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.6		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-4 | Sampled: 4/25/2014 13:46

Sample ID: 14D1004-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1260 [2]	0.056	0.025	mg/Kg dry	1	O-03	SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	4/28/14	5/1/14 21:38	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.5	30-150		5/1/14 21:38
Decachlorobiphenyl [2]	67.7	30-150		5/1/14 21:38
Tetrachloro-m-xylene [1]	79.7	30-150		5/1/14 21:38
Tetrachloro-m-xylene [2]	85.0	30-150		5/1/14 21:38

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1004

Date Received: 4/25/2014

Field Sample #: S2-4 | Sampled: 4/25/2014 13:46

Sample ID: 14D1004-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.3		% Wt	1		SM 2540G	4/29/14	4/30/14 8:45	MXG

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
14D1004-01 [S1-1]	B094724	04/29/14
14D1004-02 [S1-2]	B094724	04/29/14
14D1004-03 [S1-3]	B094724	04/29/14
14D1004-04 [S1-4]	B094724	04/29/14
14D1004-05 [S2-1]	B094724	04/29/14
14D1004-06 [S2-2]	B094724	04/29/14
14D1004-07 [S2-3]	B094724	04/29/14
14D1004-08 [S2-4]	B094724	04/29/14

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D1004-01 [S1-1]	B094626	10.1	10.0	04/28/14
14D1004-02 [S1-2]	B094626	10.3	10.0	04/28/14
14D1004-03 [S1-3]	B094626	10.3	10.0	04/28/14
14D1004-04 [S1-4]	B094626	10.4	10.0	04/28/14
14D1004-05 [S2-1]	B094626	10.6	10.0	04/28/14
14D1004-06 [S2-2]	B094626	10.8	10.0	04/28/14
14D1004-07 [S2-3]	B094626	10.1	10.0	04/28/14
14D1004-08 [S2-4]	B094626	10.2	10.0	04/28/14

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094626 - SW-846 3540C										
Blank (B094626-BLK1)				Prepared: 04/28/14 Analyzed: 04/30/14						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.192*		mg/Kg wet	0.200		96.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.200		94.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.168*		mg/Kg wet	0.200		84.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.189*		mg/Kg wet	0.200		94.3	30-150			
LCS (B094626-BS1)				Prepared: 04/28/14 Analyzed: 04/30/14						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		92.7	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140			
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		94.3	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		100	40-140			
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.201*		mg/Kg wet	0.200		100	30-150			
LCS Dup (B094626-BSD1)				Prepared: 04/28/14 Analyzed: 04/30/14						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		92.4	40-140	0.365	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		104	40-140	0.152	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		93.4	40-140	0.951	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		97.5	40-140	2.49	30	
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg wet	0.200		99.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg wet	0.200		96.6	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
O-03	Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 55
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14D1004

CHAIN OF CUSTODY RECORD

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Page 1 of 1

Company Name: Weston and Sampson (for NUSCO) Telephone: 860 513-1473
Address: 273 Dividend Rd Project # 860 513-1483
Rocky Hill, CT 06067 Client PO# 02261127
Attention: Jeff Willson
Project Location: Berlin Settling Pond (Berlin, CT)
Sampled By: Will Sirotnak

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax # sorokca@nu.com
Email: willsonj@wseinc.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER _____
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs (Methods 8082)	Soxhlet Extraction (Method 3540C)	Hold Samples	# of Containers	** Preservation	***Container Code
-01	S1-1	4/25/14	1320		X	S	U	✓	✓		1	I	A
-02	S1-2	↓	1328		↓	↓	↓	✓	✓				
-03	S1-3		1324					✓	✓				
-04	S1-4		1326					✓	✓				
-05	S2-1		1340					✓	✓				
-06	S2-2		1342					✓	✓				
-07	S2-3		1344					✓	✓				
-08	S2-4	↓	1346		↓	↓	↓	✓	✓				

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
Note soxhlet extraction rqmts. for samples and TAT.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
4/25/14	1555
Received by: (signature) Paul Racicot 4/25/14	1554
Relinquished by: (signature) Paul Racicot 4/25/14	1745
Received by: (signature) Rebecca Mews 4/25/14	1745

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5-DAY
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut: Detection limit must be 0.03 mg/Kg
Other:

Is your project MCP or RCP ?
○ MCP Form Required
◉ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

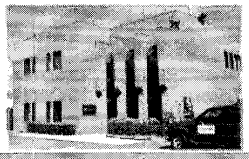
†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Page 24 of 38 14D1004_1 Contest_Final 05 02 14 1439 05/02/14 14:39:57

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Northeast Utilities RECEIVED BY: RLF DATE: 4/25/14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No No CoC Included
2) **Does the chain agree with the samples?** (Yes) No
If not, explain:
3) **Are all the samples in good condition?** (Yes) No
If not, explain:
4) **How were the samples received:**
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 6.0 C
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	8
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	T	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** **Date/Time:**

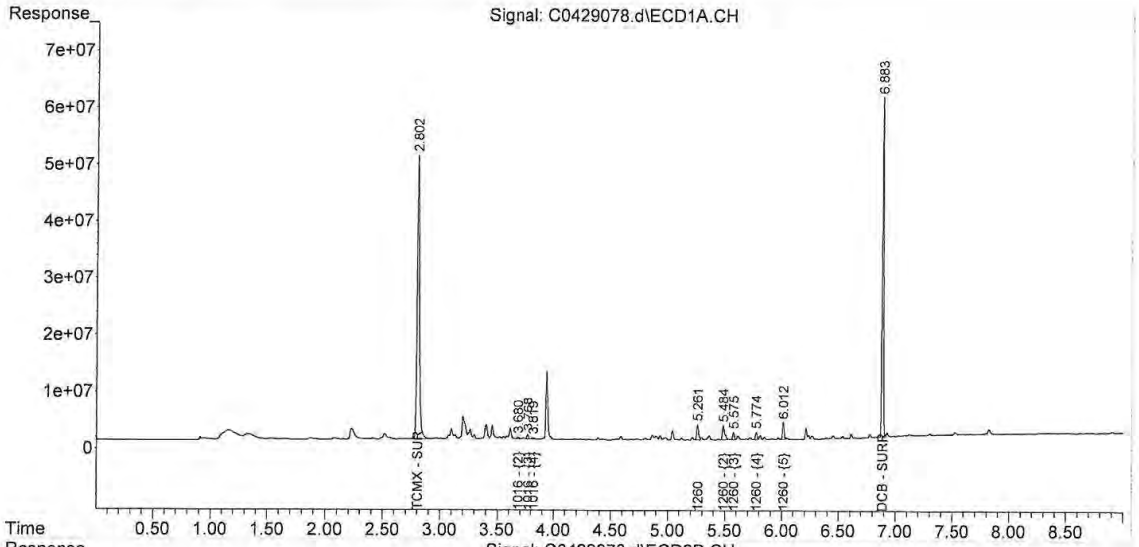
RLF 4/25/14 1745

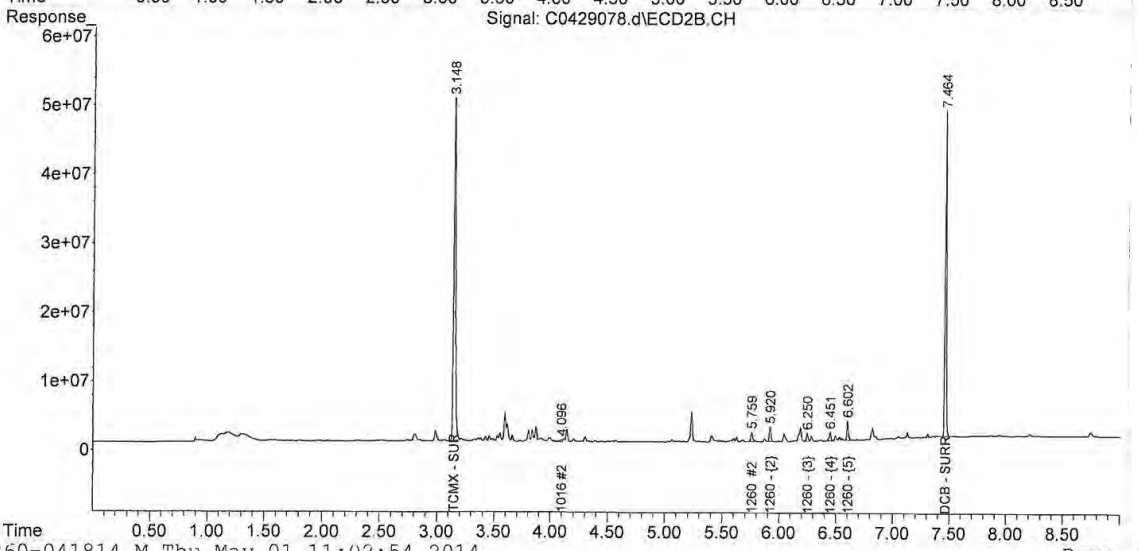
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042914\
Data File : C0429078.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Apr 2014 17:51 pm
Operator : JMB
Sample : 14D1004-05@5X Inst : DUAL ECD3
Misc :
ALS Vial : 78 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 01 05:19:49 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



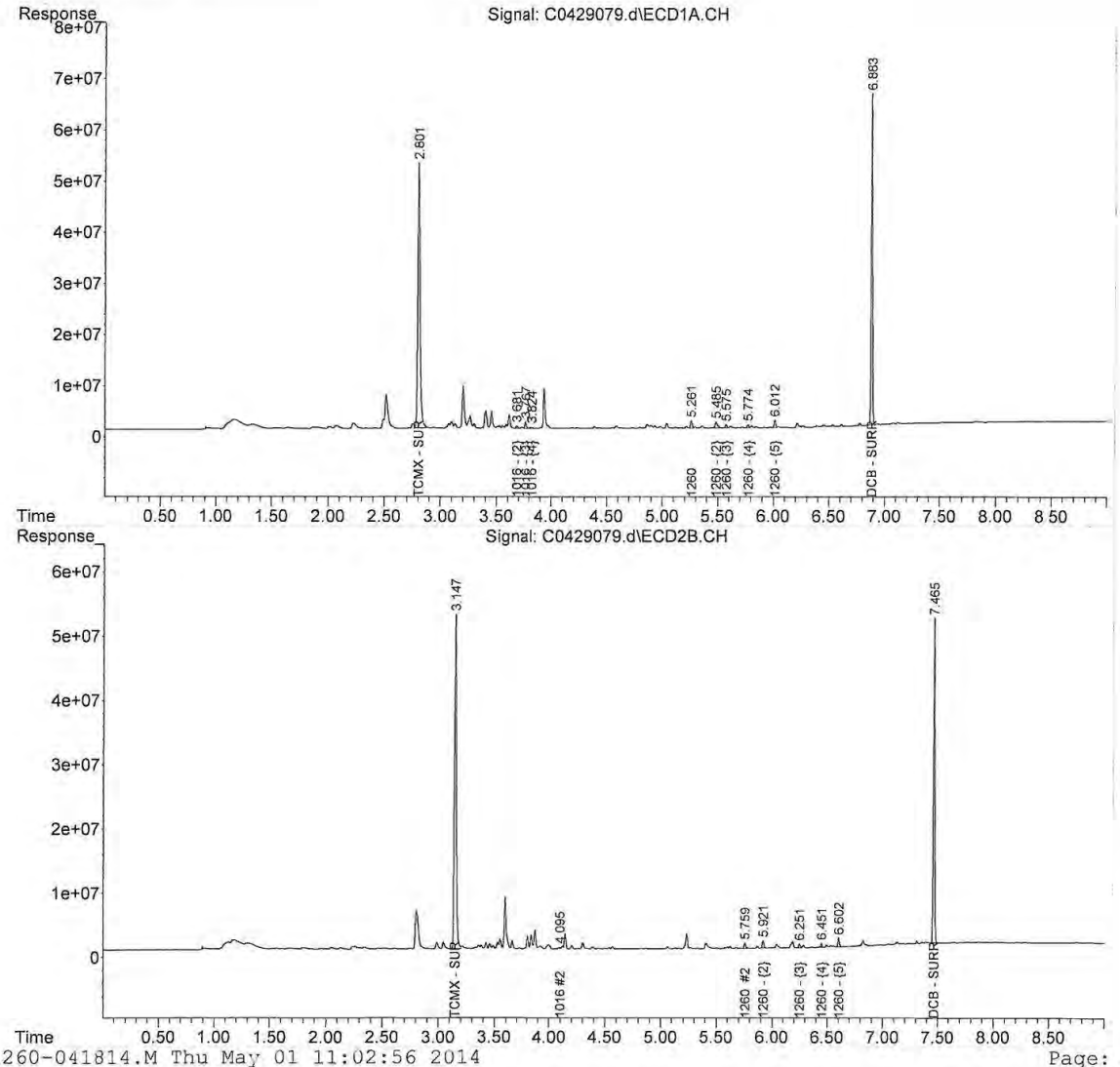


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042914\
Data File : C0429079.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Apr 2014 18:04 pm
Operator : JMB
Sample : 14D1004-06@5X Inst : DUAL ECD3
Misc :
ALS Vial : 79 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 01 05:19:52 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

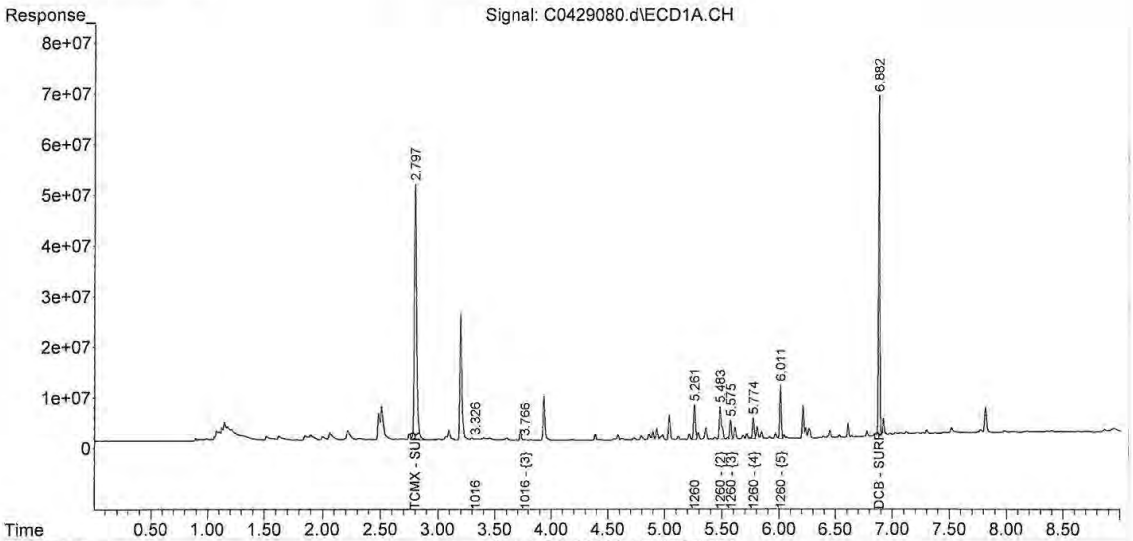


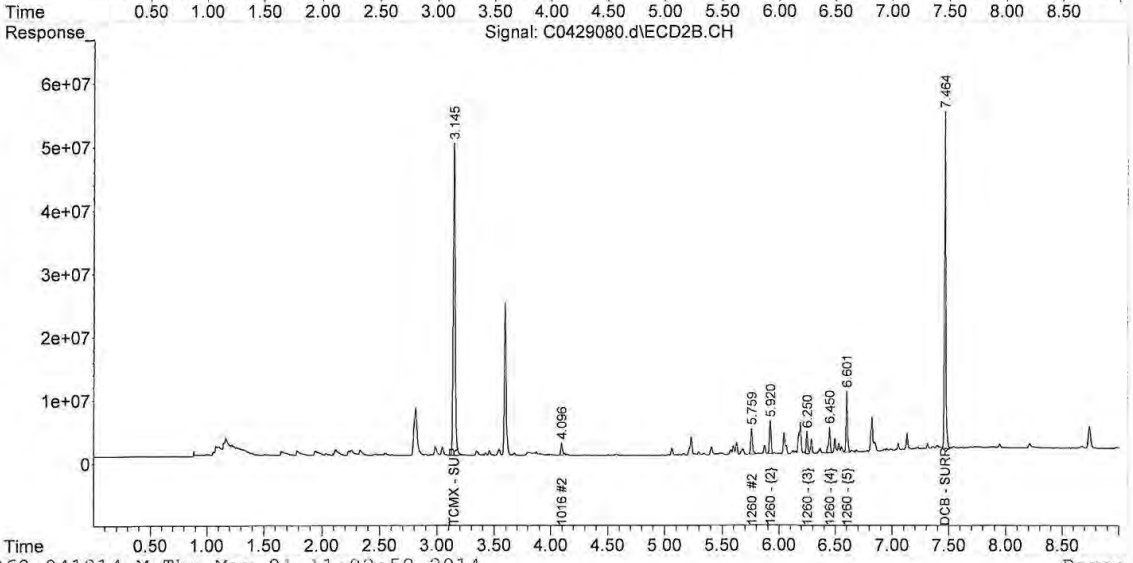
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042914\
Data File : C0429080.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Apr 2014 18:17 pm
Operator : JMB
Sample : 14D1004-07@5X Inst : DUAL ECD3
Misc :
ALS Vial : 80 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 01 05:19:55 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



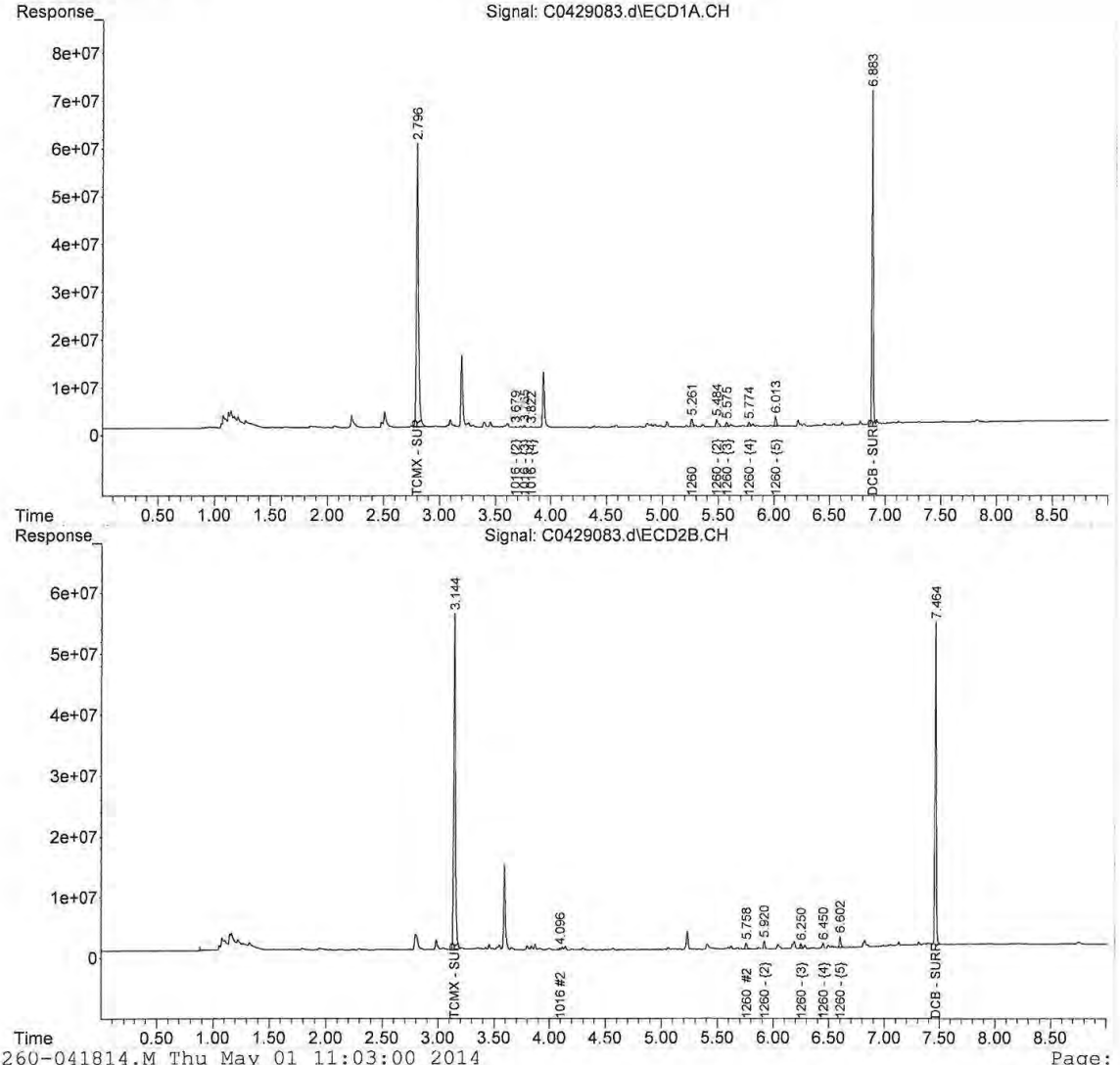


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\042914\
Data File : C0429083.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Apr 2014 18:56 pm
Operator : JMB
Sample : 14D1004-08@5X Inst : DUAL ECD3
Misc :
ALS Vial : 83 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 01 05:20:03 2014
Quant Method : C:\msdchem\1\methods\3-1260-041814.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Wed Apr 09 08:44:08 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

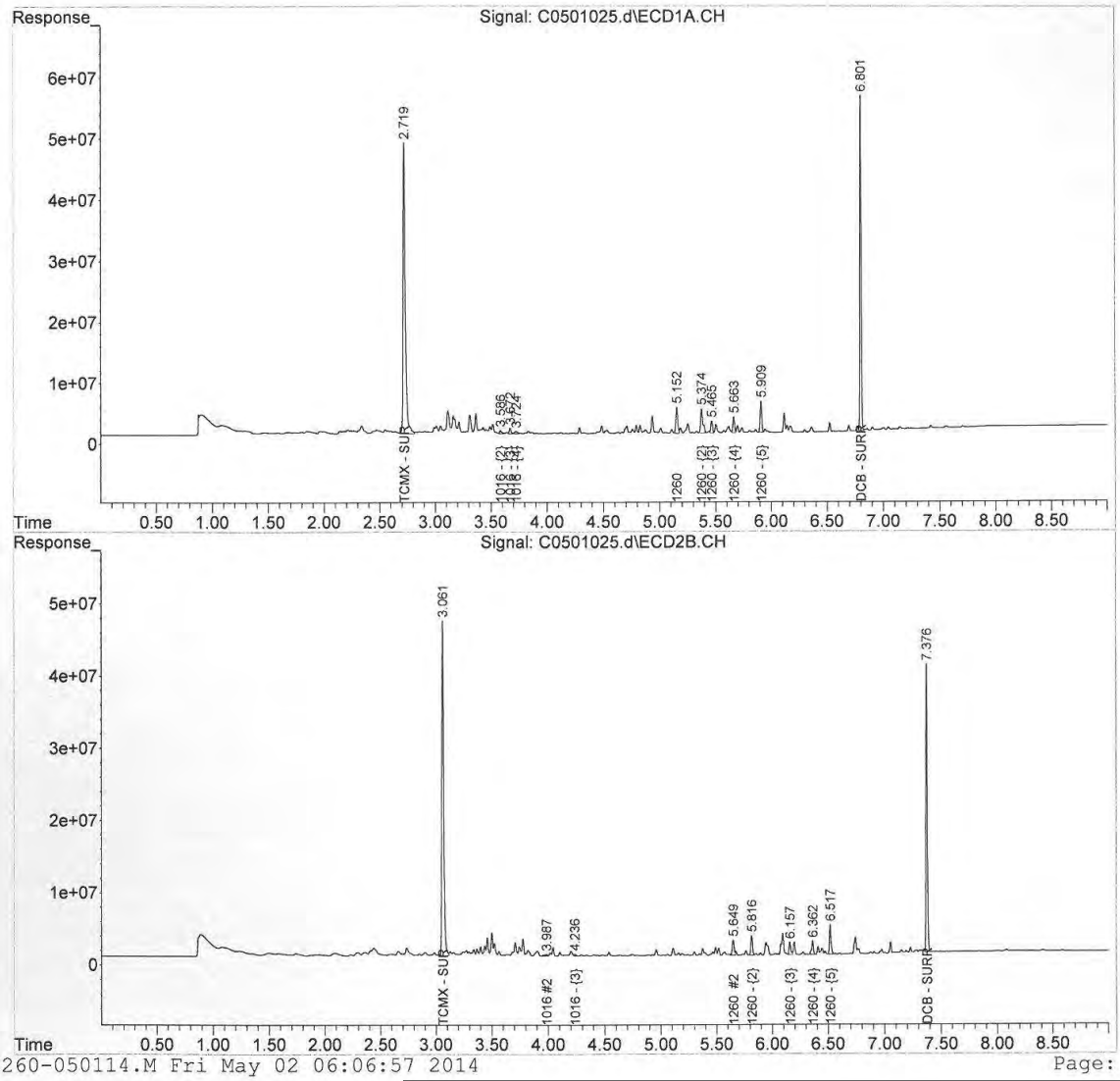


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\050114A\
Data File : C0501025.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 20:21 pm
Operator : JMB
Sample : 14D1004-01@5X TBA Inst : DUAL ECD3
Misc :
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 02 06:06:57 2014
Quant Method : C:\msdchem\1\methods\3-1260-050114.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Thu May 01 15:01:49 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

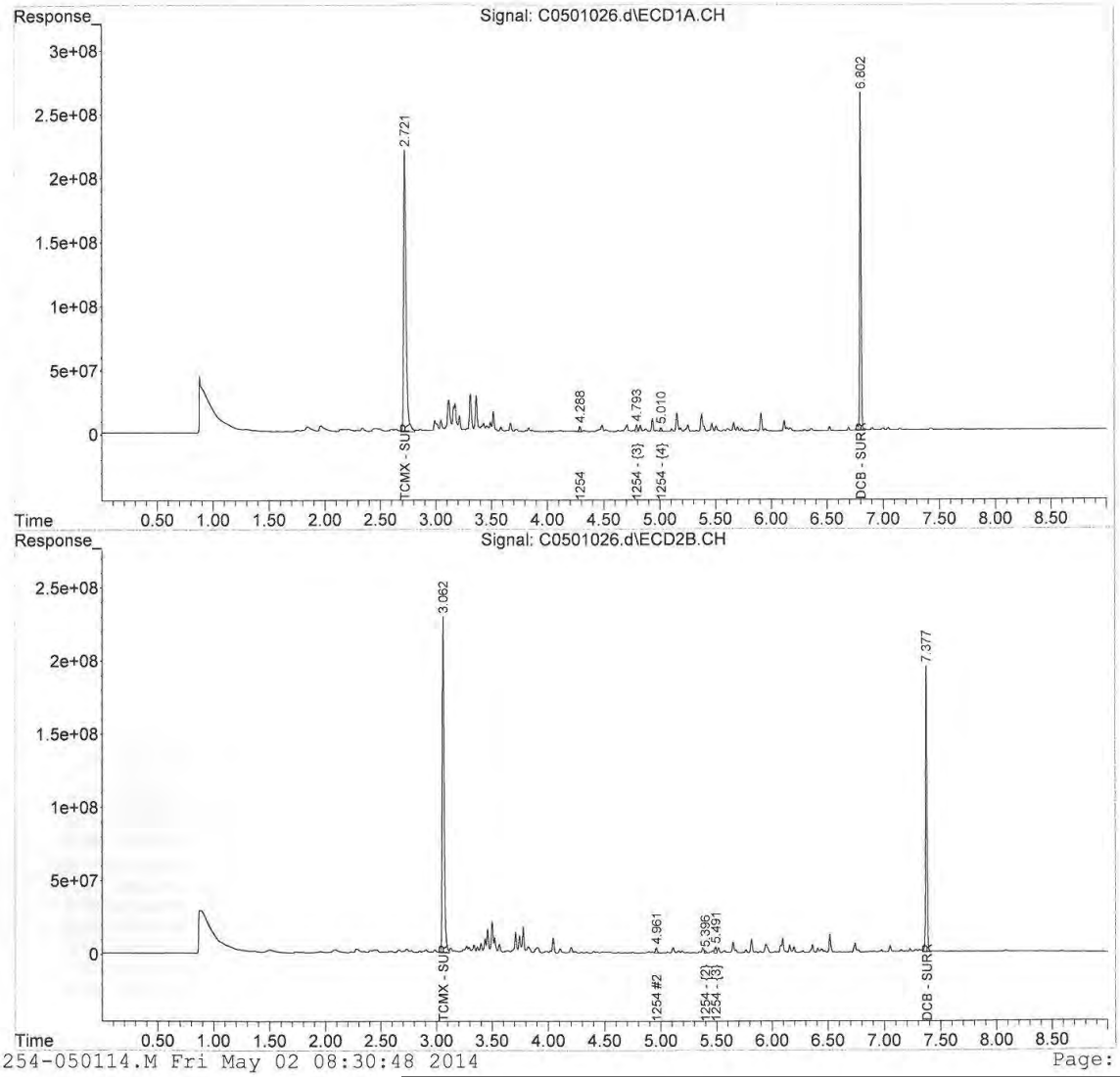


Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\050114A\
File : C0501026.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 20:34 pm
Operator : JMB
Sample : 14D1004-02@TBA Inst : DUAL ECD3
Misc :
ALS Vial : 26 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: May 02 08:30:18 2014
Quant Method : C:\msdchem\1\methods\3-1254-050114.M
Quant Title : 1254 04/08/14 03/07/14
QLast Update : Wed Apr 09 08:51:18 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

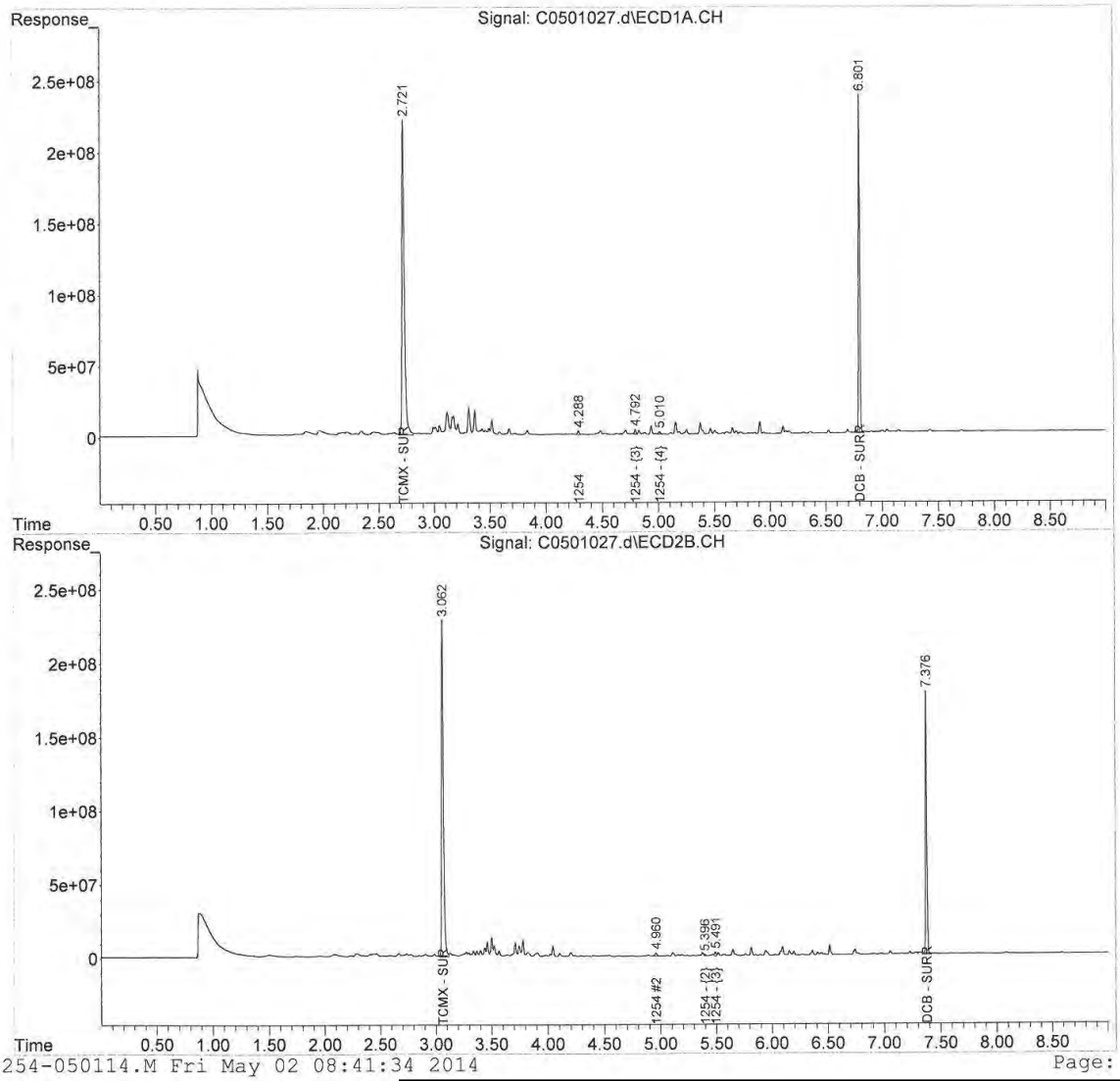


Quantitation Report (QT Reviewed)

Path : C:\msdchem\1\data\050114A\
Data File : C0501027.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 20:47 pm
Operator : JMB
Sample : 14D1004-03@TBA Inst : DUAL ECD3
Misc :
ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: May 02 08:41:27 2014
Quant Method : C:\msdchem\1\methods\3-1254-050114.M
Quant Title : 1254 04/08/14 03/07/14
QLast Update : Wed Apr 09 08:51:18 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

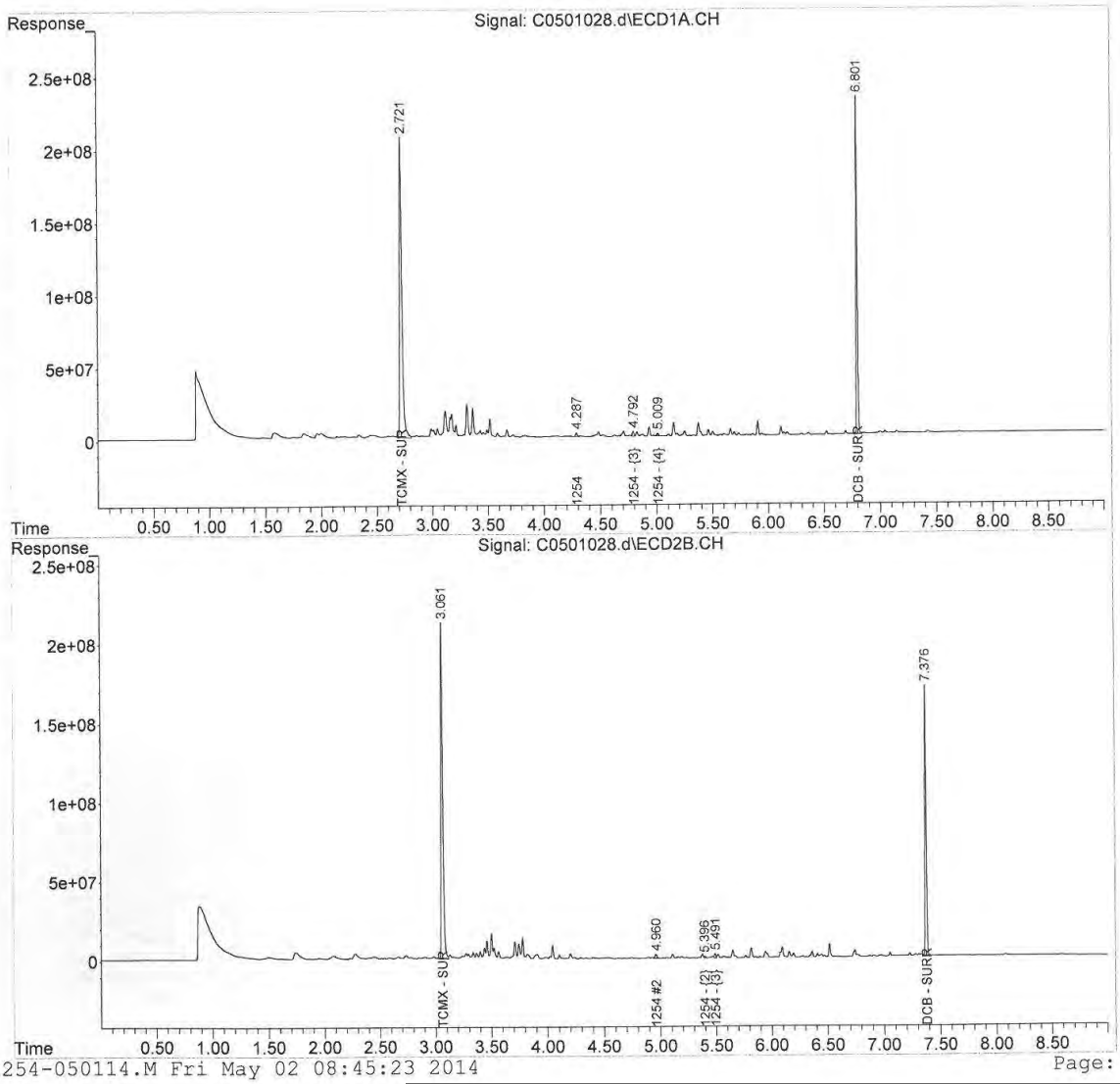


Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\050114A\
Data File : C0501028.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 21:00 pm
Operator : JMB
Sample : 14D1004-04@TBA Inst : DUAL ECD3
Misc :
ALS Vial : 28 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: F-1254.E
Integration File signal 2: B-1254.E
Quant Time: May 02 08:45:15 2014
Quant Method : C:\msdchem\1\methods\3-1254-050114.M
Quant Title : 1254 04/08/14 03/07/14
QLast Update : Wed Apr 09 08:51:18 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



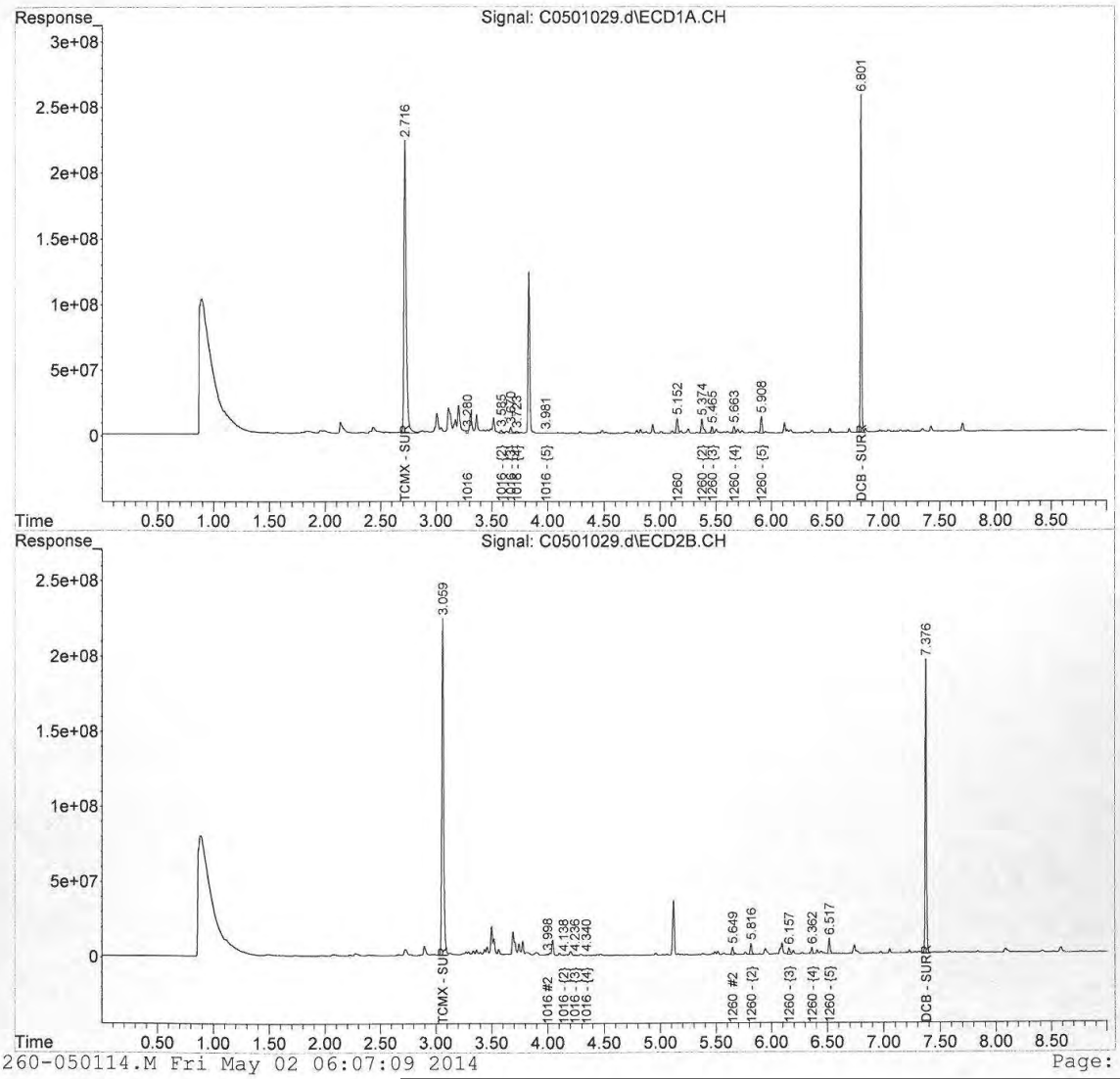
3-1254-050114.M Fri May 02 08:45:23 2014 Page: 2

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\050114A\
Data File : C0501029.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 21:12 pm
Operator : JMB
Sample : 14D1004-05 Inst : DUAL ECD3
Misc :
ALS Vial : 29 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 02 06:07:09 2014
Quant Method : C:\msdchem\1\methods\3-1260-050114.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Thu May 01 15:01:49 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

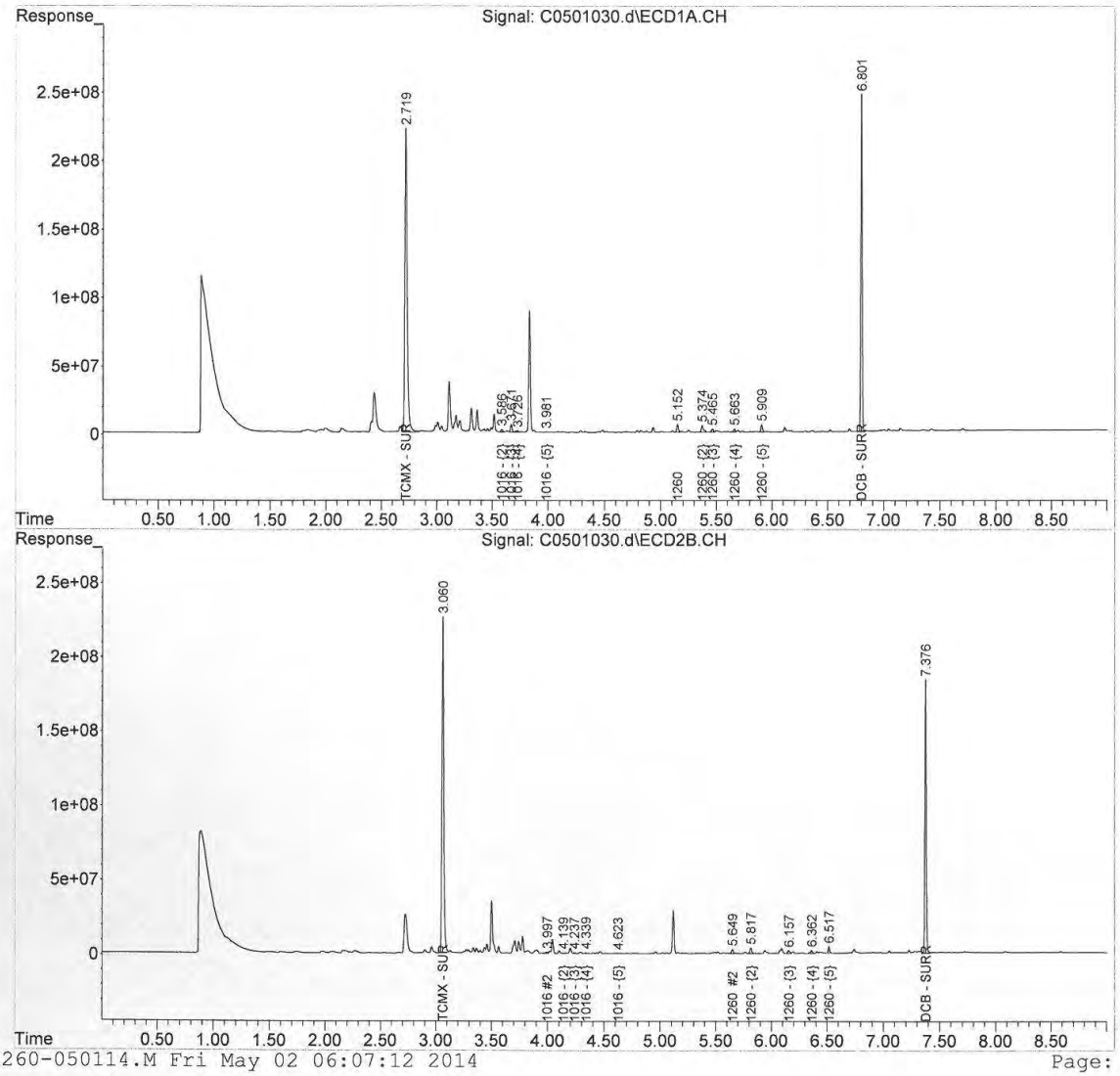


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\050114A\
Data File : C0501030.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 21:25 pm
Operator : JMB
Sample : 14D1004-06 Inst : DUAL ECD3
Misc :
ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 02 06:07:12 2014
Quant Method : C:\msdchem\1\methods\3-1260-050114.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Thu May 01 15:01:49 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

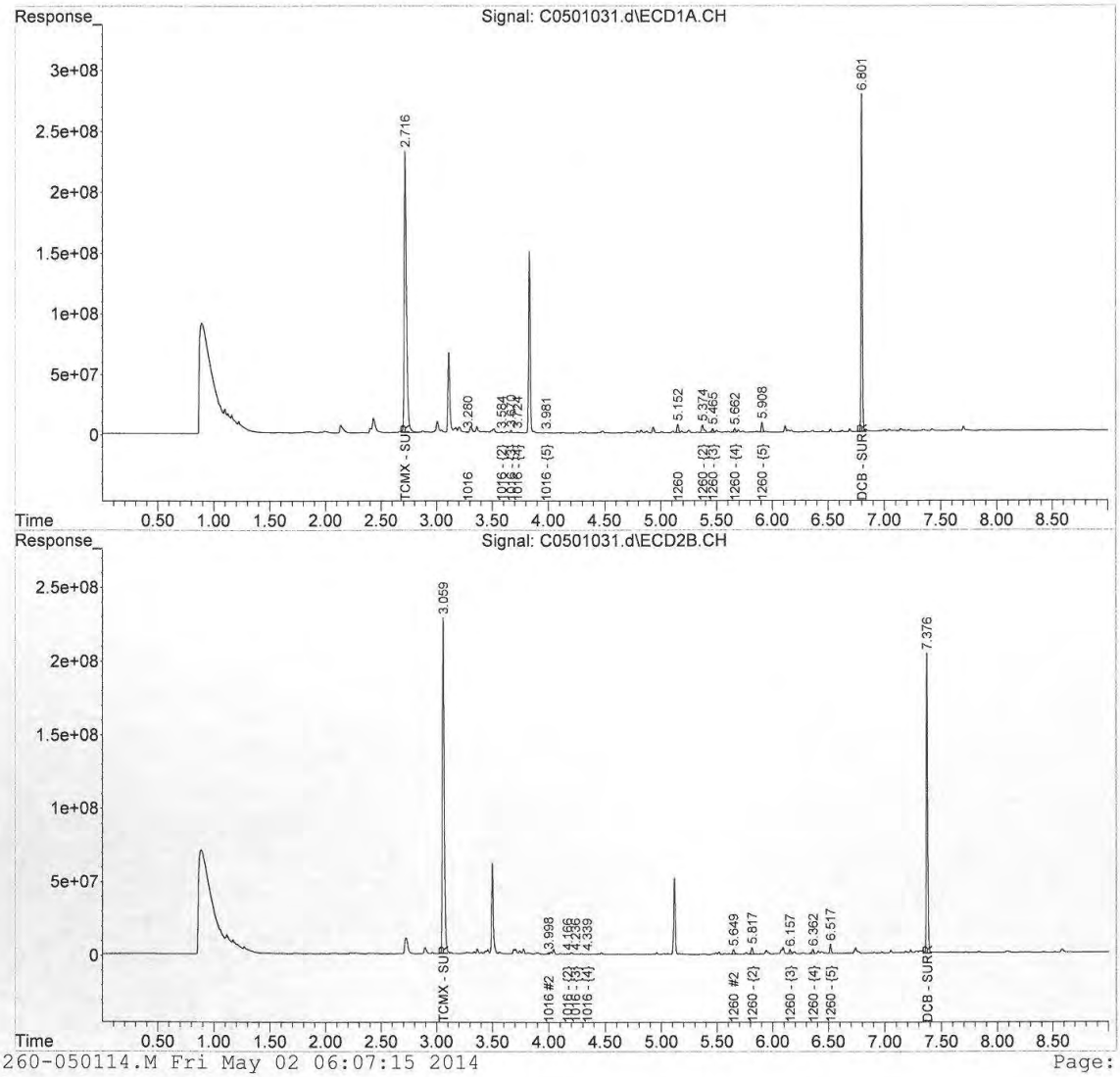


Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\050114A\
Data File : C0501031.d
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 May 2014 21:38 pm
Operator : JMB
Sample : 14D1004-08 Inst : DUAL ECD3
Misc :
ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: FRONT-1016.E
Integration File signal 2: 1016-BACK.E
Quant Time: May 02 06:07:15 2014
Quant Method : C:\msdchem\1\methods\3-1260-050114.M
Quant Title : 1260/1016 04/08/14 02/25/14
QLast Update : Thu May 01 15:01:49 2014
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Northeast Utilities

Project Location: Berlin Settling Pond

Project Number: 14D1004

Laboratory Sample ID(s):
14D1004-01 thru 14D1004-08

Sample Date(s):
04/25/2014

List RCP Methods Used:
SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Laboratory Director

Printed Name: Michael A. Erickson **Date:** 05/02/14

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 2, 2014

Chris Soroka
Northeast Utilities
P.O. Box 270
Hartford, CT 06141

Project Location: Berlin Settling Pond
Client Job Number:
Project Number: 2110618A
Laboratory Work Order Number: 14D1017

Enclosed are results of analyses for samples received by the laboratory on April 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



James M. Georgantas
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/2/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D1017

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B122-1	14D1017-01	Soil		SM 2540G	
				SW-846 8082A	
B122-2	14D1017-02	Soil		SM 2540G	
				SW-846 8082A	
B122-3	14D1017-03	Soil		SM 2540G	
				SW-846 8082A	
B122-4	14D1017-04	Soil		SM 2540G	
				SW-846 8082A	
B122-5	14D1017-05	Soil		SM 2540G	
				SW-846 8082A	
B121-1	14D1017-06	Soil		SM 2540G	
				SW-846 8082A	
B121-2	14D1017-07	Soil		SM 2540G	
				SW-846 8082A	
B121-4	14D1017-09	Soil		SM 2540G	
				SW-846 8082A	
B120-1	14D1017-11	Soil		SM 2540G	
				SW-846 8082A	
B120-2	14D1017-12	Soil		SM 2540G	
				SW-846 8082A	
B120-3	14D1017-13	Soil		SM 2540G	
				SW-846 8082A	
B118-1	14D1017-16	Soil		SM 2540G	
				SW-846 8082A	
B118-2	14D1017-17	Soil		SM 2540G	
				SW-846 8082A	
B118-5	14D1017-20	Soil		SM 2540G	
				SW-846 8082A	
B116-1	14D1017-21	Soil		SM 2540G	
				SW-846 8082A	
B116-2	14D1017-22	Soil		SM 2540G	
				SW-846 8082A	
B116-3	14D1017-23	Soil		SM 2540G	
				SW-846 8082A	
B114-1	14D1017-26	Soil		SM 2540G	
				SW-846 8082A	
B114-2	14D1017-27	Soil		SM 2540G	
				SW-846 8082A	
B114-4	14D1017-29	Soil		SM 2540G	
				SW-846 8082A	

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Northeast Utilities
P.O. Box 270
Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/2/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D1017

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B115-1	14D1017-31	Soil		SM 2540G	
				SW-846 8082A	
B115-2	14D1017-32	Soil		SM 2540G	
				SW-846 8082A	
B115-3	14D1017-33	Soil		SM 2540G	
				SW-846 8082A	
B115-4	14D1017-34	Soil		SM 2540G	
				SW-846 8082A	
B115-5	14D1017-35	Soil		SM 2540G	
				SW-846 8082A	
B117-1	14D1017-36	Soil		SM 2540G	
				SW-846 8082A	
B117-2	14D1017-37	Soil		SM 2540G	
				SW-846 8082A	
B117-3	14D1017-38	Soil		SM 2540G	
				SW-846 8082A	
B117-4	14D1017-39	Soil		SM 2540G	
				SW-846 8082A	
B117-5	14D1017-40	Soil		SM 2540G	
				SW-846 8082A	
B119-1	14D1017-41	Soil		SM 2540G	
				SW-846 8082A	
B119-2	14D1017-42	Soil		SM 2540G	
				SW-846 8082A	
B119-3	14D1017-43	Soil		SM 2540G	
				SW-846 8082A	
B119-4	14D1017-44	Soil		SM 2540G	
				SW-846 8082A	
B119-5	14D1017-45	Soil		SM 2540G	
				SW-846 8082A	
B113-1	14D1017-46	Soil		SM 2540G	
				SW-846 8082A	
B113-2	14D1017-47	Soil		SM 2540G	
				SW-846 8082A	
B113-3	14D1017-48	Soil		SM 2540G	
				SW-846 8082A	
B113-4	14D1017-49	Soil		SM 2540G	
				SW-846 8082A	
B113-5	14D1017-50	Soil		SM 2540G	
				SW-846 8082A	

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Hartford, CT 06141
ATTN: Chris Soroka

REPORT DATE: 5/2/2014

PURCHASE ORDER NUMBER: 02261127

PROJECT NUMBER: 2110618A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D1017

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Berlin Settling Pond

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B112-1	14D1017-51	Soil		SM 2540G	
				SW-846 8082A	
B112-2	14D1017-52	Soil		SM 2540G	
				SW-846 8082A	
B112-3	14D1017-53	Soil		SM 2540G	
				SW-846 8082A	
B111-1	14D1017-56	Soil		SM 2540G	
				SW-846 8082A	
B111-2	14D1017-57	Soil		SM 2540G	
				SW-846 8082A	
B111-3	14D1017-58	Soil		SM 2540G	
				SW-846 8082A	
B111-4	14D1017-59	Soil		SM 2540G	
				SW-846 8082A	
B111-5	14D1017-60	Soil		SM 2540G	
				SW-846 8082A	
B109-1	14D1017-61	Soil		SM 2540G	
				SW-846 8082A	
B109-2	14D1017-62	Soil		SM 2540G	
				SW-846 8082A	
B109-3	14D1017-63	Soil		SM 2540G	
				SW-846 8082A	
B109-4	14D1017-64	Soil		SM 2540G	
				SW-846 8082A	
B109-5	14D1017-65	Soil		SM 2540G	
				SW-846 8082A	
DUP-103	14D1017-66	Soil		SM 2540G	
				SW-846 8082A	
DUP-104	14D1017-67	Soil		SM 2540G	
				SW-846 8082A	
DUP-106	14D1017-69	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]
B094628-MS1, B094628-MSD1, B094626-MS1, B094626-MSD1

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

Analyte & Samples(s) Qualified:

Aroclor-1254, Aroclor-1254 [2C], Aroclor-1260, Aroclor-1260 [2C]
14D1017-32[B115-2], 14D1017-48[B113-3], 14D1017-49[B113-4], 14D1017-59[B111-4], 14D1017-22[B116-2]

Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

Analyte & Samples(s) Qualified:

Aroclor-1260, Aroclor-1260 [2C]
14D1017-66[DUP-103]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]
14D1017-02[B122-2], 14D1017-21[B116-1], 14D1017-31[B115-1], 14D1017-36[B117-1], 14D1017-41[B119-1], 14D1017-42[B119-2], 14D1017-43[B119-3], 14D1017-46[B113-1], 14D1017-61[B109-1]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-1 | Sampled: 4/25/2014 09:30

Sample ID: 14D1017-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1260 [2]	0.18	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:09	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.5	30-150		4/30/14 19:09
Decachlorobiphenyl [2]	88.5	30-150		4/30/14 19:09
Tetrachloro-m-xylene [1]	88.0	30-150		4/30/14 19:09
Tetrachloro-m-xylene [2]	95.0	30-150		4/30/14 19:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-1 | Sampled: 4/25/2014 09:30

Sample ID: 14D1017-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-2 | Sampled: 4/25/2014 09:32

Sample ID: 14D1017-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1254 [1]	1.6	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1260 [2]	5.4	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	4/28/14	5/1/14 22:17	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	5/1/14 22:17
Decachlorobiphenyl [2]	*	30-150	S-01	5/1/14 22:17
Tetrachloro-m-xylene [1]	*	30-150	S-01	5/1/14 22:17
Tetrachloro-m-xylene [2]	*	30-150	S-01	5/1/14 22:17

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-2 | Sampled: 4/25/2014 09:32

Sample ID: 14D1017-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-3 | Sampled: 4/25/2014 09:34

Sample ID: 14D1017-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:35	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.6	30-150		4/30/14 19:35
Decachlorobiphenyl [2]	89.7	30-150		4/30/14 19:35
Tetrachloro-m-xylene [1]	81.4	30-150		4/30/14 19:35
Tetrachloro-m-xylene [2]	87.4	30-150		4/30/14 19:35

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-3 | Sampled: 4/25/2014 09:34

Sample ID: 14D1017-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-4 | Sampled: 4/25/2014 09:36

Sample ID: 14D1017-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 19:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.8	30-150		4/30/14 19:48
Decachlorobiphenyl [2]	91.0	30-150		4/30/14 19:48
Tetrachloro-m-xylene [1]	85.5	30-150		4/30/14 19:48
Tetrachloro-m-xylene [2]	92.0	30-150		4/30/14 19:48

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-4 | Sampled: 4/25/2014 09:36

Sample ID: 14D1017-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-5 | Sampled: 4/25/2014 09:38

Sample ID: 14D1017-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.6	30-150		4/30/14 20:01
Decachlorobiphenyl [2]	91.4	30-150		4/30/14 20:01
Tetrachloro-m-xylene [1]	80.4	30-150		4/30/14 20:01
Tetrachloro-m-xylene [2]	86.5	30-150		4/30/14 20:01

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B122-5 | Sampled: 4/25/2014 09:38

Sample ID: 14D1017-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.0		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-1 | Sampled: 4/25/2014 10:20

Sample ID: 14D1017-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1254 [2]	0.19	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1260 [2]	0.48	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.5	30-150		4/30/14 20:14
Decachlorobiphenyl [2]	88.0	30-150		4/30/14 20:14
Tetrachloro-m-xylene [1]	85.6	30-150		4/30/14 20:14
Tetrachloro-m-xylene [2]	92.0	30-150		4/30/14 20:14

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-1 | Sampled: 4/25/2014 10:20

Sample ID: 14D1017-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-2 | Sampled: 4/25/2014 10:22

Sample ID: 14D1017-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1254 [1]	0.24	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1260 [2]	0.67	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 20:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.0	30-150		4/30/14 20:27
Decachlorobiphenyl [2]	92.1	30-150		4/30/14 20:27
Tetrachloro-m-xylene [1]	86.3	30-150		4/30/14 20:27
Tetrachloro-m-xylene [2]	92.7	30-150		4/30/14 20:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-2 | Sampled: 4/25/2014 10:22

Sample ID: 14D1017-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-4 | Sampled: 4/25/2014 10:26

Sample ID: 14D1017-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 21:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		4/30/14 21:32
Decachlorobiphenyl [2]	98.6	30-150		4/30/14 21:32
Tetrachloro-m-xylene [1]	88.4	30-150		4/30/14 21:32
Tetrachloro-m-xylene [2]	95.2	30-150		4/30/14 21:32

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B121-4 | Sampled: 4/25/2014 10:26

Sample ID: 14D1017-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-1 | Sampled: 4/25/2014 10:40

Sample ID: 14D1017-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1254 [1]	0.77	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1260 [2]	2.0	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:30	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.3	30-150		5/1/14 22:30
Decachlorobiphenyl [2]	73.4	30-150		5/1/14 22:30
Tetrachloro-m-xylene [1]	86.4	30-150		5/1/14 22:30
Tetrachloro-m-xylene [2]	91.3	30-150		5/1/14 22:30

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-1 | Sampled: 4/25/2014 10:40

Sample ID: 14D1017-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-2 | Sampled: 4/25/2014 10:42

Sample ID: 14D1017-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1221 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1232 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1242 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1248 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1254 [2]	0.89	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1260 [2]	1.4	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1262 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC
Aroclor-1268 [1]	ND	0.24	mg/Kg dry	10		SW-846 8082A	4/28/14	5/1/14 22:43	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.8	30-150		5/1/14 22:43
Decachlorobiphenyl [2]	70.1	30-150		5/1/14 22:43
Tetrachloro-m-xylene [1]	81.3	30-150		5/1/14 22:43
Tetrachloro-m-xylene [2]	85.6	30-150		5/1/14 22:43

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-2 | Sampled: 4/25/2014 10:42

Sample ID: 14D1017-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.1		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-3 | Sampled: 4/25/2014 10:44

Sample ID: 14D1017-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1221 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1232 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1242 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1248 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1254 [1]	0.18	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1260 [2]	0.21	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1262 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC
Aroclor-1268 [1]	ND	0.098	mg/Kg dry	5		SW-846 8082A	4/28/14	4/30/14 22:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		4/30/14 22:11
Decachlorobiphenyl [2]	96.6	30-150		4/30/14 22:11
Tetrachloro-m-xylene [1]	90.9	30-150		4/30/14 22:11
Tetrachloro-m-xylene [2]	97.2	30-150		4/30/14 22:11

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B120-3 | Sampled: 4/25/2014 10:44

Sample ID: 14D1017-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.4		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-1 | Sampled: 4/25/2014 11:00

Sample ID: 14D1017-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1254 [2]	2.0	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1260 [2]	2.5	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/1/14 22:56	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.7	30-150		5/1/14 22:56
Decachlorobiphenyl [2]	75.0	30-150		5/1/14 22:56
Tetrachloro-m-xylene [1]	83.2	30-150		5/1/14 22:56
Tetrachloro-m-xylene [2]	88.4	30-150		5/1/14 22:56

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-1 | Sampled: 4/25/2014 11:00

Sample ID: 14D1017-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-2 | Sampled: 4/25/2014 11:02

Sample ID: 14D1017-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1254 [1]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1260 [2]	0.25	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:16	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.3	30-150		5/1/14 15:16
Decachlorobiphenyl [2]	102	30-150		5/1/14 15:16
Tetrachloro-m-xylene [1]	97.5	30-150		5/1/14 15:16
Tetrachloro-m-xylene [2]	104	30-150		5/1/14 15:16

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-2 | Sampled: 4/25/2014 11:02

Sample ID: 14D1017-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-5 | Sampled: 4/25/2014 11:08

Sample ID: 14D1017-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:30	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.1	30-150		5/1/14 15:30
Decachlorobiphenyl [2]	104	30-150		5/1/14 15:30
Tetrachloro-m-xylene [1]	98.7	30-150		5/1/14 15:30
Tetrachloro-m-xylene [2]	106	30-150		5/1/14 15:30

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B118-5 | Sampled: 4/25/2014 11:08

Sample ID: 14D1017-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-1 | Sampled: 4/25/2014 11:14

Sample ID: 14D1017-21

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1254 [1]	18	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1260 [1]	26	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	5/2/14 8:23
Decachlorobiphenyl [2]	*	30-150	S-01	5/2/14 8:23
Tetrachloro-m-xylene [1]	*	30-150	S-01	5/2/14 8:23
Tetrachloro-m-xylene [2]	*	30-150	S-01	5/2/14 8:23

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-1 | Sampled: 4/25/2014 11:14

Sample ID: 14D1017-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.2		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-2 | Sampled: 4/25/2014 11:16

Sample ID: 14D1017-22

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1260 [2]	0.16	0.11	mg/Kg dry	5	O-03	SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 15:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.7	30-150		5/1/14 15:56
Decachlorobiphenyl [2]	107	30-150		5/1/14 15:56
Tetrachloro-m-xylene [1]	97.4	30-150		5/1/14 15:56
Tetrachloro-m-xylene [2]	106	30-150		5/1/14 15:56

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-2 | Sampled: 4/25/2014 11:16

Sample ID: 14D1017-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-3 | Sampled: 4/25/2014 11:18

Sample ID: 14D1017-23

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:09	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.3	30-150		5/1/14 16:09
Decachlorobiphenyl [2]	104	30-150		5/1/14 16:09
Tetrachloro-m-xylene [1]	87.2	30-150		5/1/14 16:09
Tetrachloro-m-xylene [2]	96.3	30-150		5/1/14 16:09

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B116-3 | Sampled: 4/25/2014 11:18

Sample ID: 14D1017-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-1 | Sampled: 4/25/2014 11:30

Sample ID: 14D1017-26

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1254 [1]	2.3	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1260 [1]	2.0	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 8:37	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		5/2/14 8:37
Decachlorobiphenyl [2]	119	30-150		5/2/14 8:37
Tetrachloro-m-xylene [1]	101	30-150		5/2/14 8:37
Tetrachloro-m-xylene [2]	112	30-150		5/2/14 8:37

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-1 | Sampled: 4/25/2014 11:30

Sample ID: 14D1017-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.0		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-2 | Sampled: 4/25/2014 11:32

Sample ID: 14D1017-27

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:36	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		5/1/14 16:36
Decachlorobiphenyl [2]	110	30-150		5/1/14 16:36
Tetrachloro-m-xylene [1]	100	30-150		5/1/14 16:36
Tetrachloro-m-xylene [2]	110	30-150		5/1/14 16:36

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-2 | Sampled: 4/25/2014 11:32

Sample ID: 14D1017-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-4 | Sampled: 4/25/2014 11:36

Sample ID: 14D1017-29

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 16:49	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.3	30-150		5/1/14 16:49
Decachlorobiphenyl [2]	110	30-150		5/1/14 16:49
Tetrachloro-m-xylene [1]	95.6	30-150		5/1/14 16:49
Tetrachloro-m-xylene [2]	106	30-150		5/1/14 16:49

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B114-4 | Sampled: 4/25/2014 11:36

Sample ID: 14D1017-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-1 | Sampled: 4/25/2014 12:10

Sample ID: 14D1017-31

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1254 [1]	7.4	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1260 [1]	19	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 8:50	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	5/2/14 8:50
Decachlorobiphenyl [2]	*	30-150	S-01	5/2/14 8:50
Tetrachloro-m-xylene [1]	*	30-150	S-01	5/2/14 8:50
Tetrachloro-m-xylene [2]	*	30-150	S-01	5/2/14 8:50

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-1 | Sampled: 4/25/2014 12:10

Sample ID: 14D1017-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-2 | Sampled: 4/25/2014 12:12

Sample ID: 14D1017-32

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1254 [2]	0.18	0.12	mg/Kg dry	5	O-03	SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 17:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.3	30-150		5/1/14 17:15
Decachlorobiphenyl [2]	104	30-150		5/1/14 17:15
Tetrachloro-m-xylene [1]	99.2	30-150		5/1/14 17:15
Tetrachloro-m-xylene [2]	109	30-150		5/1/14 17:15

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-2 | Sampled: 4/25/2014 12:12

Sample ID: 14D1017-32

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.5		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-3 | Sampled: 4/25/2014 12:14

Sample ID: 14D1017-33

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:00	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.3	30-150		5/1/14 18:00
Decachlorobiphenyl [2]	109	30-150		5/1/14 18:00
Tetrachloro-m-xylene [1]	99.3	30-150		5/1/14 18:00
Tetrachloro-m-xylene [2]	111	30-150		5/1/14 18:00

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-3 | Sampled: 4/25/2014 12:14

Sample ID: 14D1017-33

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-4 | Sampled: 4/25/2014 12:16

Sample ID: 14D1017-34

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:13	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.0	30-150		5/1/14 18:13
Decachlorobiphenyl [2]	109	30-150		5/1/14 18:13
Tetrachloro-m-xylene [1]	100	30-150		5/1/14 18:13
Tetrachloro-m-xylene [2]	112	30-150		5/1/14 18:13

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-4 | Sampled: 4/25/2014 12:16

Sample ID: 14D1017-34

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.8		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-5 | Sampled: 4/25/2014 12:18

Sample ID: 14D1017-35

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 18:27	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.6	30-150		5/1/14 18:27
Decachlorobiphenyl [2]	107	30-150		5/1/14 18:27
Tetrachloro-m-xylene [1]	99.8	30-150		5/1/14 18:27
Tetrachloro-m-xylene [2]	110	30-150		5/1/14 18:27

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B115-5 | Sampled: 4/25/2014 12:18

Sample ID: 14D1017-35

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-1 | Sampled: 4/25/2014 12:30

Sample ID: 14D1017-36

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1254 [1]	20	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1260 [1]	19	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	4/28/14	5/2/14 9:03	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	5/2/14 9:03
Decachlorobiphenyl [2]	*	30-150	S-01	5/2/14 9:03
Tetrachloro-m-xylene [1]	*	30-150	S-01	5/2/14 9:03
Tetrachloro-m-xylene [2]	*	30-150	S-01	5/2/14 9:03

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-1 | Sampled: 4/25/2014 12:30

Sample ID: 14D1017-36

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.2		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-2 | Sampled: 4/25/2014 12:32

Sample ID: 14D1017-37

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1254 [2]	1.8	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1260 [1]	1.6	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	4/28/14	5/2/14 9:16	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		5/2/14 9:16
Decachlorobiphenyl [2]	126	30-150		5/2/14 9:16
Tetrachloro-m-xylene [1]	108	30-150		5/2/14 9:16
Tetrachloro-m-xylene [2]	123	30-150		5/2/14 9:16

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-2 | Sampled: 4/25/2014 12:32

Sample ID: 14D1017-37

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-3 | Sampled: 4/25/2014 12:34

Sample ID: 14D1017-38

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1254 [1]	0.21	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1260 [2]	0.30	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.1	30-150		5/1/14 19:06
Decachlorobiphenyl [2]	108	30-150		5/1/14 19:06
Tetrachloro-m-xylene [1]	102	30-150		5/1/14 19:06
Tetrachloro-m-xylene [2]	113	30-150		5/1/14 19:06

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-3 | Sampled: 4/25/2014 12:34

Sample ID: 14D1017-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.5		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-4 | Sampled: 4/25/2014 12:36

Sample ID: 14D1017-39

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:19	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		5/1/14 19:19
Decachlorobiphenyl [2]	113	30-150		5/1/14 19:19
Tetrachloro-m-xylene [1]	98.3	30-150		5/1/14 19:19
Tetrachloro-m-xylene [2]	107	30-150		5/1/14 19:19

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-4 | Sampled: 4/25/2014 12:36

Sample ID: 14D1017-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG

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Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-5 | Sampled: 4/25/2014 12:38

Sample ID: 14D1017-40

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	4/28/14	5/1/14 19:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		5/1/14 19:33
Decachlorobiphenyl [2]	113	30-150		5/1/14 19:33
Tetrachloro-m-xylene [1]	96.3	30-150		5/1/14 19:33
Tetrachloro-m-xylene [2]	106	30-150		5/1/14 19:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Berlin Settling Pond | Sample Description: | Work Order: 14D1017

Date Received: 4/25/2014

Field Sample #: B117-5 | Sampled: 4/25/2014 12:38

Sample ID: 14D1017-40

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	5/1/14	5/2/14 7:59	MXG