Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E13-03804**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E13-03804

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/25/2013@17:35

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
03804-001	U-38N(4.0-6.0)	4.0/6.0	4/25/2013@08:42	Soil	1
03804-002	U-39N(4.0-6.0)	4.0/6.0	4/25/2013@08:55	Soil	1
03804-003	U-40S(2.0-4.0)	2.0/4.0	4/25/2013@09:17	Soil	1
03804-004	U-40S(4.0-6.0)	4.0/6.0	4/25/2013@09:18	Soil	1
03804-005	U-41S(2.0-4.0)	2.0/4.0	4/25/2013@09:34	Soil	1
03804-006	U-41S(4.0-6.0)	4.0/6.0	4/25/2013@09:35	Soil	1
03804-007	U-42S(0-2.0)	0/2.0	4/25/2013@10:00	Soil	1
03804-008	U-42S(2.0-4.0)	2.0/4.0	4/25/2013@10:01	Soil	1
03804-009	U-42S(4.0-6.0)	4.0/6.0	4/25/2013@10:02	Soil	1
03804-010	U-43S(2.0-4.0)	2.0/4.0	4/25/2013@10:25	Soil	1
03804-011	U-43S(4.0-5.5)	4.0/5.5	4/25/2013@10:26	Soil	1
03804-012	U-43S(5.5-6.0)	5.5/6.0	4/25/2013@10:27	Soil	1
03804-013	U-43W(0-2.0)	0/2.0	4/25/2013@10:56	Soil	1
03804-014	U-43W(2.0-4.0)	2.0/4.0	4/25/2013@10:57	Soil	1
03804-015	U-43W(4.0-6.0)	4.0/6.0	4/25/2013@10:58	Soil	1
03804-016	U-42W(2.0-4.0)	2.0/4.0	4/25/2013@11:30	Soil	1
03804-017	U-42W(4.0-6.0)	4.0/6.0	4/25/2013@11:31	Soil	1
03804-018	U-41W(2.0-4.0)	2.0/4.0	4/25/2013@11:55	Soil	1
03804-019	U-40W(0-2.0)	0/2.0	4/25/2013@12:20	Soil	1
03804-020	U-40W(4.0-6.0)	4.0/6.0	4/25/2013@12:21	Soil	1
03804-021	U-39W(0-2.0)	0/2.0	4/25/2013@13:00	Soil	1
03804-022	U-39W(4.0-6.0)	4.0/6.0	4/25/2013@13:01	Soil	1
03804-023	T-38E(4.0-6.0)	4.0/6.0	4/25/2013@13:18	Soil	1
03804-024	T-38N(2.0-4.0)	2.0/4.0	4/25/2013@13:33	Soil	1
03804-025	T-38S(0-2.0)	0/2.0	4/25/2013@13:46	Soil	1
03804-026	T-39S(4.0-6.0)	4.0/6.0	4/25/2013@14:05	Soil	1
03804-027	T-41N(0-2.0)	0/2.0	4/25/2013@14:18	Soil	1
03804-028	T-41S(0-2.0)	0/2.0	4/25/2013@14:34	Soil	1
~~03804-029~~	~~T-41S(2.0-4.0)~~	~~2.0/4.0~~	~~4/25/2013@14:35~~	~~Soil~~	~~1~~
03804-030	T-42S(2.0-4.0)	2.0/4.0	4/25/2013@14:50	Soil	1
03804-031	T-42S(4.0-6.0)	4.0/6.0	4/25/2013@14:51	Soil	1
03804-032	T-42W(0-2.0)	0/2.0	4/25/2013@15:12	Soil	1
03804-033	T-42W(4.0-6.0)	4.0/6.0	4/25/2013@15:13	Soil	1
03804-034	T-41W(0-2.0)	0/2.0	4/25/2013@15:26	Soil	1
03804-035	T-41W(2.0-4.0)	2.0/4.0	4/25/2013@15:27	Soil	1
03804-036	FB-77	n/a	4/25/2013@15:35	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on May 14, 2013

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and thirty-five (35) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-03804, Project: ARSYNCO) on April 25, 2013 for the analysis of:

(36) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

5/13/13
Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03804

PCB By 8082

Batch ID: 130502-08	**Matrix: Aqueous**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 036
- The following samples were cleaned up using method 3665A: 036

E13-03804

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- No dilution was performed.

5/9/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03804

PCB By 8082

Batch ID: 130429-12	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. For samples 028, 029, 030, 033, 034, 035 surrogate was diluted out.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 028, 029, 030, 031, 032, 033, 034, 035

E13-03804

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Samples run and analyzed with dilution: 028 with 1000x dil.; 029 with 500x dil.; 030, 031, 032, 033 with 50x dil.; 034 with 300x dil.; 035 with 100x dil. All silutios were done due to dirty matrix, or/ and high concentration of the target compound. All of them did not pass NJ SRS limits.

5/13/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03804

PCB By 8082

Batch ID: 130428-07	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. For samples: 002, 004, 005, 003 surrogate was diluted out.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery did not meet QC criteria. Due to matrix interference.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 001, 002, 003, 004, 005, 006, 007

E13-03804

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Samples run with dilution: #002 with 100x dil.; #003 with 500x dil.; #004, #005 with 1000x dil.; #007 with 20x dil. All dilution were performed due to dirty matrix or/ and high concentration of the target compound. All samples with dilution did not pass NJ SRS criteria, also sample #001 did not pass those limits due to high moisture.

Signature 5/13/2013
Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03804

PCB By 8082

Batch ID: 130429-11	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. For samples #013, #017, #024, #008, #015, #016, #018, #019, #022, #025, #027, #021, #026, surrogates were diluted ot.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery did not meet QC criteria. Because MS and MSD was run with 500x dilution, spike was diluted out.
- RPD between MS/MSD did not meet QC criteria. Due to matrix interference from the sample.
- The following samples were cleaned up using method 3660B to remove sulfur: 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027

E13-03804

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Samples run with dilution: #008, #018 with 100x dil.; #010 with 2x dil.; #013, #016, #017, #024 wiyh 100x dil.; #015, #025 with 200x dil.; #019, #021, #022, #026, #027 with 500x dil.; #020 with 5x dil. All dilution were performed due to dirty matrix, or/and high concentration of the target compund. All samples with dilution, besides sample # 010, did not pass NJ SRS limits. Also sample # 023 did not pass those limits due to high moisture.

5/13/2013

Signature Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03804

Lab ID:	**03804-036**		
Client ID:	**FB-77**		
Matrix:	**Aqueous**		
Sampled Date	**4/25/13**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/L-ppm)*		
Aroclor-1016	ND		0.00002
Aroclor-1221	ND		0.00002
Aroclor-1232	ND		0.00002
Aroclor-1242	ND		0.00002
Aroclor-1248	ND		0.00002
Aroclor-1254	ND		0.00002
Aroclor-1260	ND		0.00002
Aroclor-1262	ND		0.00002
Aroclor-1268	ND		0.00002
PCBs	ND		0.00002

Lab ID:	**03804-001**			**03804-002**			**03804-003**			**03804-004**	
Client ID:	**U-38N(4.0-6.0)**			**U-39N(4.0-6.0)**			**U-40S(2.0-4.0)**			**U-40S(4.0-6.0)**	
Depth:	**4.0/6.0**			**4.0/6.0**			**2.0/4.0**			**4.0/6.0**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**4/25/13**			**4/25/13**			**4/25/13**			**4/25/13**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1221	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1232	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1242	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1248	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1254	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1260	0.896		0.093	1380		3.92	3350		20.3	3820		36.6
Aroclor-1262	ND		0.093	ND		3.92	ND		20.3	ND		36.6
Aroclor-1268	ND		0.093	ND		3.92	ND		20.3	ND		36.6
PCBs	0.896		0.093	1380		3.92	3350		20.3	3820		36.6

Lab ID:	**03804-005**			**03804-006**			**03804-007**			**03804-008**	
Client ID:	**U-41S(2.0-4.0)**			**U-41S(4.0-6.0)**			**U-42S(0-2.0)**			**U-42S(2.0-4.0)**	
Depth:	**2.0/4.0**			**4.0/6.0**			**0/2.0**			**2.0/4.0**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**4/25/13**			**4/25/13**			**4/25/13**			**4/25/13**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		28.2	ND		0.023	ND		0.449	ND		26.4
Aroclor-1221	ND		28.2	ND		0.023	ND		0.449	ND		26.4
Aroclor-1232	ND		28.2	ND		0.023	ND		0.449	ND		26.4
Aroclor-1242	ND		28.2	ND		0.023	ND		0.449	ND		26.4
Aroclor-1248	ND		28.2	ND		0.023	81.3		0.449	ND		26.4
Aroclor-1254	ND		28.2	ND		0.023	45.0		0.449	ND		26.4
Aroclor-1260	4480		28.2	1.51		0.023	ND		0.449	2920		26.4
Aroclor-1262	ND		28.2	ND		0.023	ND		0.449	ND		26.4
Aroclor-1268	ND		28.2	ND		0.023	ND		0.449	ND		26.4
PCBs	4480		28.2	1.51		0.023	126		0.449	2920		26.4

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03804

Lab ID:	03804-009			03804-010			03804-011			03804-012		
Client ID:	U-42S(4.0-6.0)			U-43S(2.0-4.0)			U-43S(4.0-5.5)			U-43S(5.5-6.0)		
Depth:	4.0/6.0			2.0/4.0			4.0/5.5			5.5/6.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1221	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1232	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1242	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1248	ND		0.058	12.2		0.051	ND		0.077	ND		0.021
Aroclor-1254	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1260	0.907		0.058	3.40		0.051	0.666		0.077	ND		0.021
Aroclor-1262	ND		0.058	ND		0.051	ND		0.077	ND		0.021
Aroclor-1268	ND		0.058	ND		0.051	ND		0.077	ND		0.021
PCBs	0.907		0.058	15.6		0.051	0.666		0.077	ND		0.021

Lab ID:	03804-013			03804-014			03804-015			03804-016		
Client ID:	U-43W(0-2.0)			U-43W(2.0-4.0)			U-43W(4.0-6.0)			U-42W(2.0-4.0)		
Depth:	0/2.0			2.0/4.0			4.0/6.0			2.0/4.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1221	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1232	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1242	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1248	421		2.03	6.81		0.031	ND		4.93	ND		1.96
Aroclor-1254	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1260	785		2.03	3.85		0.031	1180		4.93	324		1.96
Aroclor-1262	ND		2.03	ND		0.031	ND		4.93	ND		1.96
Aroclor-1268	ND		2.03	ND		0.031	ND		4.93	ND		1.96
PCBs	1210		2.03	10.7		0.031	1180		4.93	324		1.96

Lab ID:	03804-017			03804-018			03804-019			03804-020		
Client ID:	U-42W(4.0-6.0)			U-41W(2.0-4.0)			U-40W(0-2.0)			U-40W(4.0-6.0)		
Depth:	4.0/6.0			2.0/4.0			0/2.0			4.0/6.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1221	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1232	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1242	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1248	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1254	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1260	814		2.44	3840		26.2	1470		10.8	48.6		0.398
Aroclor-1262	ND		2.44	ND		26.2	ND		10.8	ND		0.398
Aroclor-1268	ND		2.44	ND		26.2	ND		10.8	ND		0.398
PCBs	814		2.44	3840		26.2	1470		10.8	48.6		0.398

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03804

Lab ID:	03804-021			03804-022			03804-023			03804-024		
Client ID:	U-39W(0-2.0)			U-39W(4.0-6.0)			T-38E(4.0-6.0)			T-38N(2.0-4.0)		
Depth:	0/2.0			4.0/6.0			4.0/6.0			2.0/4.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1221	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1232	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1242	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1248	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1254	1110		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1260	1830		11.6	3350		15.9	0.338		0.100	139		2.55
Aroclor-1262	ND		11.6	ND		15.9	ND		0.100	ND		2.55
Aroclor-1268	ND		11.6	ND		15.9	ND		0.100	ND		2.55
PCBs	2940		11.6	3350		15.9	0.338		0.100	139		2.55

Lab ID:	03804-025			03804-026			03804-027			03804-028		
Client ID:	T-38S(0-2.0)			T-39S(4.0-6.0)			T-41N(0-2.0)			T-41S(0-2.0)		
Depth:	0/2.0			4.0/6.0			0/2.0			0/2.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1221	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1232	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1242	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1248	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1254	915		4.16	ND		16.7	ND		16.5	959		20.8
Aroclor-1260	736		4.16	2330		16.7	2360		16.5	676		20.8
Aroclor-1262	ND		4.16	ND		16.7	ND		16.5	ND		20.8
Aroclor-1268	ND		4.16	ND		16.7	ND		16.5	ND		20.8
PCBs	1650		4.16	2330		16.7	2360		16.5	1640		20.8

Lab ID:	03804-029			03804-030			03804-031			03804-032		
Client ID:	T-41S(2.0-4.0)			T-42S(2.0-4.0)			T-42S(4.0-6.0)			T-42W(0-2.0)		
Depth:	2.0/4.0			2.0/4.0			4.0/6.0			0/2.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/25/13			4/25/13			4/25/13			4/25/13		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1221	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1232	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1242	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1248	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1254	4150		22.0	41.6		1.01	ND		1.04	62.5		1.03
Aroclor-1260	4430		22.0	30.4		1.01	7.07		1.04	72.6		1.03
Aroclor-1262	ND		22.0	ND		1.01	ND		1.04	ND		1.03
Aroclor-1268	ND		22.0	ND		1.01	ND		1.04	ND		1.03
PCBs	8580		22.0	72.0		1.01	7.07		1.04	135		1.03

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03804

Lab ID:	**03804-033**			**03804-034**			**03804-035**	
Client ID:	**T-42W(4.0-6.0)**			**T-41W(0-2.0)**			**T-41W(2.0-4.0)**	
Depth:	**4.0/6.0**			**0/2.0**			**2.0/4.0**	
Matrix:	**Soil**			**Soil**			**Soil**	
Sampled Date	**4/25/13**			**4/25/13**			**4/25/13**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.40	ND		5.44	ND		2.95
Aroclor-1221	ND		1.40	ND		5.44	ND		2.95
Aroclor-1232	ND		1.40	ND		5.44	ND		2.95
Aroclor-1242	ND		1.40	ND		5.44	ND		2.95
Aroclor-1248	ND		1.40	ND		5.44	ND		2.95
Aroclor-1254	56.5		1.40	396		5.44	783		2.95
Aroclor-1260	74.7		1.40	390		5.44	787		2.95
Aroclor-1262	ND		1.40	ND		5.44	ND		2.95
Aroclor-1268	ND		1.40	ND		5.44	ND		2.95
PCBs	131		1.40	786		5.44	1570		2.95

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-001
Client ID: U-38N(4.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/04/2013
Data file: R9585.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 82.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.232	0.093
Aroclor-1221	ND		0.232	0.093
Aroclor-1232	ND		0.232	0.093
Aroclor-1242	ND		0.232	0.093
Aroclor-1248	ND		0.232	0.093
Aroclor-1254	ND		0.232	0.093
Aroclor-1260	0.896		0.232	0.093
Aroclor-1262	ND		0.232	0.093
Aroclor-1268	ND		0.232	0.093
PCBs	0.896		0.232	0.093

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-002
Client ID: U-39N(4.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/04/2013
Data file: R9586.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 59.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		9.79	3.92
Aroclor-1221	ND		9.79	3.92
Aroclor-1232	ND		9.79	3.92
Aroclor-1242	ND		9.79	3.92
Aroclor-1248	ND		9.79	3.92
Aroclor-1254	ND		9.79	3.92
Aroclor-1260	1380		9.79	3.92
Aroclor-1262	ND		9.79	3.92
Aroclor-1268	ND		9.79	3.92
PCBs	1380		9.79	3.92

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-003
Client ID: U-40S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/06/2013
Data file: R9725.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 60.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		50.8	20.3
Aroclor-1221	ND		50.8	20.3
Aroclor-1232	ND		50.8	20.3
Aroclor-1242	ND		50.8	20.3
Aroclor-1248	ND		50.8	20.3
Aroclor-1254	ND		50.8	20.3
Aroclor-1260	3350		50.8	20.3
Aroclor-1262	ND		50.8	20.3
Aroclor-1268	ND		50.8	20.3
PCBs	3350		50.8	20.3

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-004
Client ID: U-40S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/05/2013
Data file: R9650.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 56.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		91.5	36.6
Aroclor-1221	ND		91.5	36.6
Aroclor-1232	ND		91.5	36.6
Aroclor-1242	ND		91.5	36.6
Aroclor-1248	ND		91.5	36.6
Aroclor-1254	ND		91.5	36.6
Aroclor-1260	3820		91.5	36.6
Aroclor-1262	ND		91.5	36.6
Aroclor-1268	ND		91.5	36.6
PCBs	3820		91.5	36.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-005
Client ID: U-41S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/05/2013
Data file: R9651.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 43.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		70.4	28.2
Aroclor-1221	ND		70.4	28.2
Aroclor-1232	ND		70.4	28.2
Aroclor-1242	ND		70.4	28.2
Aroclor-1248	ND		70.4	28.2
Aroclor-1254	ND		70.4	28.2
Aroclor-1260	4480		70.4	28.2
Aroclor-1262	ND		70.4	28.2
Aroclor-1268	ND		70.4	28.2
PCBs	4480		70.4	28.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-006
Client ID: U-41S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/04/2013
Data file: R9590.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 30.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.058	0.023
Aroclor-1221	ND		0.058	0.023
Aroclor-1232	ND		0.058	0.023
Aroclor-1242	ND		0.058	0.023
Aroclor-1248	ND		0.058	0.023
Aroclor-1254	ND		0.058	0.023
Aroclor-1260	1.51		0.058	0.023
Aroclor-1262	ND		0.058	0.023
Aroclor-1268	ND		0.058	0.023
PCBs	1.51		0.058	0.023

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-007
Client ID: U-42S(0-2.
Date Received: 04/25/2013
Date Extracted: 04/28/2013
Date Analyzed: 05/05/2013
Data file: R9652.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 28.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.12	0.449
Aroclor-1221	ND		1.12	0.449
Aroclor-1232	ND		1.12	0.449
Aroclor-1242	ND		1.12	0.449
Aroclor-1248	81.3		1.12	0.449
Aroclor-1254	45.0		1.12	0.449
Aroclor-1260	ND		1.12	0.449
Aroclor-1262	ND		1.12	0.449
Aroclor-1268	ND		1.12	0.449
PCBs	126		1.12	0.449

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-008
Client ID: U-42S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9656.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 39.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		66.0	26.4
Aroclor-1221	ND		66.0	26.4
Aroclor-1232	ND		66.0	26.4
Aroclor-1242	ND		66.0	26.4
Aroclor-1248	ND		66.0	26.4
Aroclor-1254	ND		66.0	26.4
Aroclor-1260	2920		66.0	26.4
Aroclor-1262	ND		66.0	26.4
Aroclor-1268	ND		66.0	26.4
PCBs	2920		66.0	26.4

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-009
Client ID: U-42S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9599.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 72.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.145	0.058
Aroclor-1221	ND		0.145	0.058
Aroclor-1232	ND		0.145	0.058
Aroclor-1242	ND		0.145	0.058
Aroclor-1248	ND		0.145	0.058
Aroclor-1254	ND		0.145	0.058
Aroclor-1260	0.907		0.145	0.058
Aroclor-1262	ND		0.145	0.058
Aroclor-1268	ND		0.145	0.058
PCBs	0.907		0.145	0.058

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-010
Client ID: U-43S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9657.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 37.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.128	0.051
Aroclor-1221	ND		0.128	0.051
Aroclor-1232	ND		0.128	0.051
Aroclor-1242	ND		0.128	0.051
Aroclor-1248	12.2		0.128	0.051
Aroclor-1254	ND		0.128	0.051
Aroclor-1260	3.40		0.128	0.051
Aroclor-1262	ND		0.128	0.051
Aroclor-1268	ND		0.128	0.051
PCBs	15.6		0.128	0.051

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-011
Client ID: U-43S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9601.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 79.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.193	0.077
Aroclor-1221	ND		0.193	0.077
Aroclor-1232	ND		0.193	0.077
Aroclor-1242	ND		0.193	0.077
Aroclor-1248	ND		0.193	0.077
Aroclor-1254	ND		0.193	0.077
Aroclor-1260	0.666		0.193	0.077
Aroclor-1262	ND		0.193	0.077
Aroclor-1268	ND		0.193	0.077
PCBs	0.666		0.193	0.077

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-012
Client ID: U-43S(5.5-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9602.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-013
Client ID: U-43W(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9603.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 21.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.09	2.03
Aroclor-1221	ND		5.09	2.03
Aroclor-1232	ND		5.09	2.03
Aroclor-1242	ND		5.09	2.03
Aroclor-1248	421		5.09	2.03
Aroclor-1254	ND		5.09	2.03
Aroclor-1260	785		5.09	2.03
Aroclor-1262	ND		5.09	2.03
Aroclor-1268	ND		5.09	2.03
PCBs	1210		5.09	2.03

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-014
Client ID: U-43W(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9604.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 48.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.078	0.031
Aroclor-1221	ND		0.078	0.031
Aroclor-1232	ND		0.078	0.031
Aroclor-1242	ND		0.078	0.031
Aroclor-1248	6.81		0.078	0.031
Aroclor-1254	ND		0.078	0.031
Aroclor-1260	3.85		0.078	0.031
Aroclor-1262	ND		0.078	0.031
Aroclor-1268	ND		0.078	0.031
PCBs	10.7		0.078	0.031

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-015
Client ID: U-43W(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9658.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 200
% Moisture: 36.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		12.3	4.93
Aroclor-1221	ND		12.3	4.93
Aroclor-1232	ND		12.3	4.93
Aroclor-1242	ND		12.3	4.93
Aroclor-1248	ND		12.3	4.93
Aroclor-1254	ND		12.3	4.93
Aroclor-1260	1180		12.3	4.93
Aroclor-1262	ND		12.3	4.93
Aroclor-1268	ND		12.3	4.93
PCBs	1180		12.3	4.93

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-016
Client ID: U-42W(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9659.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.91	1.96
Aroclor-1221	ND		4.91	1.96
Aroclor-1232	ND		4.91	1.96
Aroclor-1242	ND		4.91	1.96
Aroclor-1248	ND		4.91	1.96
Aroclor-1254	ND		4.91	1.96
Aroclor-1260	324		4.91	1.96
Aroclor-1262	ND		4.91	1.96
Aroclor-1268	ND		4.91	1.96
PCBs	324		4.91	1.96

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-017
Client ID: U-42W(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9607.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 35.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.11	2.44
Aroclor-1221	ND		6.11	2.44
Aroclor-1232	ND		6.11	2.44
Aroclor-1242	ND		6.11	2.44
Aroclor-1248	ND		6.11	2.44
Aroclor-1254	ND		6.11	2.44
Aroclor-1260	814		6.11	2.44
Aroclor-1262	ND		6.11	2.44
Aroclor-1268	ND		6.11	2.44
PCBs	814		6.11	2.44

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-018
Client ID: U-41W(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9660.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 39.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		65.5	26.2
Aroclor-1221	ND		65.5	26.2
Aroclor-1232	ND		65.5	26.2
Aroclor-1242	ND		65.5	26.2
Aroclor-1248	ND		65.5	26.2
Aroclor-1254	ND		65.5	26.2
Aroclor-1260	3840		65.5	26.2
Aroclor-1262	ND		65.5	26.2
Aroclor-1268	ND		65.5	26.2
PCBs	3840		65.5	26.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-019
Client ID: U-40W(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9661.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 26.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		27.1	10.8
Aroclor-1221	ND		27.1	10.8
Aroclor-1232	ND		27.1	10.8
Aroclor-1242	ND		27.1	10.8
Aroclor-1248	ND		27.1	10.8
Aroclor-1254	ND		27.1	10.8
Aroclor-1260	1470		27.1	10.8
Aroclor-1262	ND		27.1	10.8
Aroclor-1268	ND		27.1	10.8
PCBs	1470		27.1	10.8

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-020
Client ID: U-40W(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9662.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 80.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.994	0.398
Aroclor-1221	ND		0.994	0.398
Aroclor-1232	ND		0.994	0.398
Aroclor-1242	ND		0.994	0.398
Aroclor-1248	ND		0.994	0.398
Aroclor-1254	ND		0.994	0.398
Aroclor-1260	48.6		0.994	0.398
Aroclor-1262	ND		0.994	0.398
Aroclor-1268	ND		0.994	0.398
PCBs	48.6		0.994	0.398

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-021
Client ID: U-39W(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/06/2013
Data file: R9726.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 31.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		28.9	11.6
Aroclor-1221	ND		28.9	11.6
Aroclor-1232	ND		28.9	11.6
Aroclor-1242	ND		28.9	11.6
Aroclor-1248	ND		28.9	11.6
Aroclor-1254	1110		28.9	11.6
Aroclor-1260	1830		28.9	11.6
Aroclor-1262	ND		28.9	11.6
Aroclor-1268	ND		28.9	11.6
PCBs	2940		28.9	11.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-022
Client ID: U-39W(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9664.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 50.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		39.8	15.9
Aroclor-1221	ND		39.8	15.9
Aroclor-1232	ND		39.8	15.9
Aroclor-1242	ND		39.8	15.9
Aroclor-1248	ND		39.8	15.9
Aroclor-1254	ND		39.8	15.9
Aroclor-1260	3350		39.8	15.9
Aroclor-1262	ND		39.8	15.9
Aroclor-1268	ND		39.8	15.9
PCBs	3350		39.8	15.9

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-023
Client ID: T-38E(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9613.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 84.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.251	0.100
Aroclor-1221	ND		0.251	0.100
Aroclor-1232	ND		0.251	0.100
Aroclor-1242	ND		0.251	0.100
Aroclor-1248	ND		0.251	0.100
Aroclor-1254	ND		0.251	0.100
Aroclor-1260	0.338		0.251	0.100
Aroclor-1262	ND		0.251	0.100
Aroclor-1268	ND		0.251	0.100
PCBs	0.338		0.251	0.100

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-024
Client ID: T-38N(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9614.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 38.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.37	2.55
Aroclor-1221	ND		6.37	2.55
Aroclor-1232	ND		6.37	2.55
Aroclor-1242	ND		6.37	2.55
Aroclor-1248	ND		6.37	2.55
Aroclor-1254	ND		6.37	2.55
Aroclor-1260	139		6.37	2.55
Aroclor-1262	ND		6.37	2.55
Aroclor-1268	ND		6.37	2.55
PCBs	139		6.37	2.55

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-025
Client ID: T-38S(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9665.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 200
% Moisture: 23.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		10.4	4.16
Aroclor-1221	ND		10.4	4.16
Aroclor-1232	ND		10.4	4.16
Aroclor-1242	ND		10.4	4.16
Aroclor-1248	ND		10.4	4.16
Aroclor-1254	915		10.4	4.16
Aroclor-1260	736		10.4	4.16
Aroclor-1262	ND		10.4	4.16
Aroclor-1268	ND		10.4	4.16
PCBs	1650		10.4	4.16

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-026
Client ID: T-39S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/07/2013
Data file: R9783.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 52.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.7	16.7
Aroclor-1221	ND		41.7	16.7
Aroclor-1232	ND		41.7	16.7
Aroclor-1242	ND		41.7	16.7
Aroclor-1248	ND		41.7	16.7
Aroclor-1254	ND		41.7	16.7
Aroclor-1260	2330		41.7	16.7
Aroclor-1262	ND		41.7	16.7
Aroclor-1268	ND		41.7	16.7
PCBs	2330		41.7	16.7

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-027
Client ID: T-41N(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/05/2013
Data file: R9666.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 51.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.2	16.5
Aroclor-1221	ND		41.2	16.5
Aroclor-1232	ND		41.2	16.5
Aroclor-1242	ND		41.2	16.5
Aroclor-1248	ND		41.2	16.5
Aroclor-1254	ND		41.2	16.5
Aroclor-1260	2360		41.2	16.5
Aroclor-1262	ND		41.2	16.5
Aroclor-1268	ND		41.2	16.5
PCBs	2360		41.2	16.5

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-028
Client ID: T-41S(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/10/2013
Data file: R9968.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 23.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		52.1	20.8
Aroclor-1221	ND		52.1	20.8
Aroclor-1232	ND		52.1	20.8
Aroclor-1242	ND		52.1	20.8
Aroclor-1248	ND		52.1	20.8
Aroclor-1254	959		52.1	20.8
Aroclor-1260	676		52.1	20.8
Aroclor-1262	ND		52.1	20.8
Aroclor-1268	ND		52.1	20.8
PCBs	1640		52.1	20.8

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-029
Client ID: T-41S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9928.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 63.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		54.9	22.0
Aroclor-1221	ND		54.9	22.0
Aroclor-1232	ND		54.9	22.0
Aroclor-1242	ND		54.9	22.0
Aroclor-1248	ND		54.9	22.0
Aroclor-1254	4150		54.9	22.0
Aroclor-1260	4430		54.9	22.0
Aroclor-1262	ND		54.9	22.0
Aroclor-1268	ND		54.9	22.0
PCBs	8580		54.9	22.0

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-030
Client ID: T-42S(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9929.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 21.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.51	1.01
Aroclor-1221	ND		2.51	1.01
Aroclor-1232	ND		2.51	1.01
Aroclor-1242	ND		2.51	1.01
Aroclor-1248	ND		2.51	1.01
Aroclor-1254	41.6		2.51	1.01
Aroclor-1260	30.4		2.51	1.01
Aroclor-1262	ND		2.51	1.01
Aroclor-1268	ND		2.51	1.01
PCBs	72.0		2.51	1.01

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-031
Client ID: T-42S(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9930.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 22.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.59	1.04
Aroclor-1221	ND		2.59	1.04
Aroclor-1232	ND		2.59	1.04
Aroclor-1242	ND		2.59	1.04
Aroclor-1248	ND		2.59	1.04
Aroclor-1254	ND		2.59	1.04
Aroclor-1260	7.07		2.59	1.04
Aroclor-1262	ND		2.59	1.04
Aroclor-1268	ND		2.59	1.04
PCBs	7.07		2.59	1.04

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-032
Client ID: T-42W(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9931.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 22.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.58	1.03
Aroclor-1221	ND		2.58	1.03
Aroclor-1232	ND		2.58	1.03
Aroclor-1242	ND		2.58	1.03
Aroclor-1248	ND		2.58	1.03
Aroclor-1254	62.5		2.58	1.03
Aroclor-1260	72.6		2.58	1.03
Aroclor-1262	ND		2.58	1.03
Aroclor-1268	ND		2.58	1.03
PCBs	135		2.58	1.03

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-033
Client ID: T-42W(4.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9932.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 43.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.51	1.40
Aroclor-1221	ND		3.51	1.40
Aroclor-1232	ND		3.51	1.40
Aroclor-1242	ND		3.51	1.40
Aroclor-1248	ND		3.51	1.40
Aroclor-1254	56.5		3.51	1.40
Aroclor-1260	74.7		3.51	1.40
Aroclor-1262	ND		3.51	1.40
Aroclor-1268	ND		3.51	1.40
PCBs	131		3.51	1.40

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-034
Client ID: T-41W(0-2.
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9933.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 300
% Moisture: 12.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		13.6	5.44
Aroclor-1221	ND		13.6	5.44
Aroclor-1232	ND		13.6	5.44
Aroclor-1242	ND		13.6	5.44
Aroclor-1248	ND		13.6	5.44
Aroclor-1254	396		13.6	5.44
Aroclor-1260	390		13.6	5.44
Aroclor-1262	ND		13.6	5.44
Aroclor-1268	ND		13.6	5.44
PCBs	786		13.6	5.44

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-035
Client ID: T-41W(2.0-
Date Received: 04/25/2013
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9934.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 45.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		7.38	2.95
Aroclor-1221	ND		7.38	2.95
Aroclor-1232	ND		7.38	2.95
Aroclor-1242	ND		7.38	2.95
Aroclor-1248	ND		7.38	2.95
Aroclor-1254	783		7.38	2.95
Aroclor-1260	787		7.38	2.95
Aroclor-1262	ND		7.38	2.95
Aroclor-1268	ND		7.38	2.95
PCBs	1570		7.38	2.95

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03804-036
Client ID: FB-77
Date Received: 04/25/2013
Date Extracted: 05/02/2013
Date Analyzed: 05/08/2013
Data file: R9853.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-mg/L (ppm)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/04/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130429-11	SOIL	92		119		90		116	
U-42S(4.0-	03804-009	SOIL	114		149		115		148	
U-43S(4.0-	03804-011	SOIL	123		150		124		149	
U-43S(5.5-	03804-012	SOIL	93		113		92		112	
U-43W(0-2.	03804-013	SOIL	0	D	0	D	0	D	0	D
U-43W(2.0-	03804-014	SOIL	106		141		103		131	
U-42W(4.0-	03804-017	SOIL	0	D	0	D	0	D	0	D
T-38E(4.0-	03804-023	SOIL	109		147		111		147	
T-38N(2.0-	03804-024	SOIL	0	D	0	D	0	D	0	D
PCB	LCSS130429-11	SOIL	89		105		86		143	
U-42S(2.0-	03804-008	SOIL	0	D	0	D	0	D	0	D
U-43S(2.0-	03804-010	SOIL	113		139		112		137	
U-43W(4.0-	03804-015	SOIL	0	D	0	D	0	D	0	D
U-42W(2.0-	03804-016	SOIL	0	D	0	D	0	D	0	D
U-41W(2.0-	03804-018	SOIL	0	D	0	D	0	D	0	D
U-40W(0-2.	03804-019	SOIL	0	D	0	D	0	D	0	D
U-40W(4.0-	03804-020	SOIL	123		150		121		139	
U-39W(4.0-	03804-022	SOIL	0	D	0	D	0	D	0	D
T-38S(0-2.	03804-025	SOIL	0	D	0	D	0	D	0	D
T-41N(0-2.	03804-027	SOIL	0	D	0	D	0	D	0	D
PCB	03804-027MS	SOIL	0	D	0	D	0	D	0	D
PCB	03804-027MSD	SOIL	0	D	0	D	0	D	0	D
U-39W(0-2.	03804-021	SOIL	0	D	0	D	0	D	0	D
T-39S(4.0-	03804-026	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	30-150	30-150
DCB = Decachlorobiphenyl	30-150	30-150

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/04/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130428-07	SOIL	95		121		93		118	
SB1/6.5-7	03781-001	SOIL	92		136		92		130	
SB2/6.5-7	03781-002	SOIL	75		144		78		126	
SB3/6.5-7	03781-003	SOIL	85		128		85		119	
SB4/6.5-7	03781-004	SOIL	90		126		89		105	
SB5/6.5-7	03781-005	SOIL	94		130		92		124	
SB6/6.5-7	03781-006	SOIL	97		124		95		121	
C-1	03797-001	SOLID	66		102		62		106	
C-2	03797-002	SOLID	68		111		65		108	
C-3	03797-003	SOLID	88		115		84		116	
SB7/6.5-7	03781-007	SOIL	72		124		69		112	
SB8/6.5-7	03781-008	SOIL	92		128		86		126	
SB9	03781-009	SOIL	101		141		89		139	
SB10	03781-010	SOIL	72		116		68		107	
U-38N(4.0-	03804-001	SOIL	112		147		114		149	
U-39N(4.0-	03804-002	SOIL	0	D	0	D	0	D	0	D
U-41S(4.0-	03804-006	SOIL	99		127		99		120	
PCB	LCSS130428-07	SOIL	94		121		92		117	
U-40S(4.0-	03804-004	SOIL	0	D	0	D	0	D	0	D
U-41S(2.0-	03804-005	SOIL	0	D	0	D	0	D	0	D
U-42S(0-2.	03804-007	SOIL	96		138		92		122	
PCB	03804-007MS	SOIL	90		122		86		106	
PCB	03804-007MSD	SOIL	88		116		84		110	
U-40S(2.0-	03804-003	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	30-150	30-150
DCB = Decachlorobiphenyl	30-150	30-150

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/08/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA130502-08	AQUEOUS	82		103		81		101	
FB-77	03804-036	AQUEOUS	85		102		84		100	
001	03886-001	AQUEOUS	49		86		49		82	
HEADER_EAST	03857-001	AQUEOUS	57		81		56		81	
FB-78	03859-040	AQUEOUS	82		105		82		105	
PCB	03857-001MS	AQUEOUS	97		130		96		130	
PCB	03857-001MSD	AQUEOUS	104		137		104		135	
PCB	LCSA130502-08	AQUEOUS	81		106		80		106	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	30-150	30-150
DCB = Decachlorobiphenyl	30-150	30-150

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/09/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130429-12	SOIL	89		96		90		96	
T-41S(2.0-	03804-029	SOIL	0	D	0	D	0	D	0	D
T-42S(2.0-	03804-030	SOIL	0	D	0	D	0	D	0	D
T-42S(4.0-	03804-031	SOIL	110		0	D	100		0	D
T-42W(0-2.	03804-032	SOIL	130		245	M	135		185	M
T-42W(4.0-	03804-033	SOIL	0	D	0	D	0	D	0	D
T-41W(0-2.	03804-034	SOIL	0	D	0	D	0	D	0	D
T-41W(2.0-	03804-035	SOIL	0	D	0	D	0	D	0	D
C-17	03845-001	SOLID	80		82		80		106	
C-18	03845-002	SOLID	78		76		76		76	
C-19	03845-003	SOLID	74		86		72		90	
BC-20	03845-004	SOLID	82		80		80		86	
S-214	03846-001	SOIL	86		85		87		85	
S-222	03846-002	SOIL	88		91		89		91	
S-230	03846-003	SOIL	87		95		87		96	
T-40W_(0-2	03859-001	SOIL	0	D	0	D	0	D	0	D
T-40W_(4.0	03859-002	SOIL	0	D	0	D	0	D	0	D
T-39W_(0-2	03859-003	SOIL	0	D	0	D	0	D	0	D
S-37S_(0-2	03859-004	SOIL	80		82		80		70	
S-37S_(2.0	03859-005	SOIL	176	M	294	M	82		134	
PCB	03846-001MS	SOIL	87		201	M	86		218	M
PCB	03846-001MSD	SOIL	89		128		88		148	
PCB	LCSS130429-12	SOIL	88		109		87		107	
T-41S(0-2.	03804-028	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	30-150	30-150
DCB = Decachlorobiphenyl	30-150	30-150

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130428-07

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	479.3	96	40 - 140
Aroclor-1260	500.0	0.0	501.0	100	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130429-11

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	445.7	89	40 - 140
Aroclor-1260	500.0	0.0	479.0	96	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130429-12

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	457.1	91	40 - 140
Aroclor-1260	500.0	0.0	445.2	89	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSA130502-08

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	486.2	97	40 - 140
Aroclor-1260	500.0	0.0	541.9	108	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03804-027

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	NC	NC	40 - 140
Aroclor-1260	500.0	286774.5	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	NC	NC	NC	50	40 - 140
Aroclor-1260	286774.5	NC	NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __2___ out of __2__ outside limits

Spike Recovery:_4_out of_4_outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03804-007

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	2124.0	425	*	40 - 140
Aroclor-1260	500.0	0.0	1329.8	266	*	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	3240.6	*	648	42		50	40 - 140
Aroclor-1260	0.0	1654.2	*	331	22		50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

AQUEOUS PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03857-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	523.2	105	40 - 140
Aroclor-1260	500.0	0.0	586.5	117	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	561.5		112	6	50	40 - 140
Aroclor-1260	0.0	618.7		124	6	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03846-001

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	440.3	88	40 - 140
Aroclor-1260	500.0	0.0	482.2	96	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	456.3	91	3	50	40 - 140
Aroclor-1260	0.0	484.8	97	1	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: R9571.D

Instrument ID: GC-R

Date Extracted: 04/28/2013

Matrix: SOIL

Date Analyzed: 05/04/2013

Time Analyzed: 00:08

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
SB1/6.5-7	03781-001	05/04/2013	00:25
SB2/6.5-7	03781-002	05/04/2013	00:43
SB3/6.5-7	03781-003	05/04/2013	01:00
SB4/6.5-7	03781-004	05/04/2013	01:17
SB5/6.5-7	03781-005	05/04/2013	01:35
SB6/6.5-7	03781-006	05/04/2013	01:52
C-1	03797-001	05/04/2013	02:10
C-2	03797-002	05/04/2013	02:27
C-3	03797-003	05/04/2013	02:44
SB7/6.5-7	03781-007	05/04/2013	03:02
SB8/6.5-7	03781-008	05/04/2013	03:19
SB9	03781-009	05/04/2013	03:37
SB10	03781-010	05/04/2013	03:54
U-38N(4.0-	03804-001	05/04/2013	04:11
U-39N(4.0-	03804-002	05/04/2013	04:29
U-41S(4.0-	03804-006	05/04/2013	05:39
PCB	LCSS130428-07	05/04/2013	07:23
U-40S(4.0-	03804-004	05/05/2013	13:59
U-41S(2.0-	03804-005	05/05/2013	14:16
U-42S(0-2.	03804-007	05/05/2013	14:34
PCB	03804-007MS	05/05/2013	14:51
PCB	03804-007MSD	05/05/2013	15:09
U-40S(2.0-	03804-003	05/06/2013	18:44

PCB METHOD BLANK SUMMARY

Lab File ID:	R9597.D	Instrument ID:	GC-R
Date Extracted:	04/29/2013	Matrix:	SOIL
Date Analyzed:	05/04/2013	Time Analyzed:	08:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
U-42S(4.0-	03804-009	05/04/2013	09:25
U-43S(4.0-	03804-011	05/04/2013	10:00
U-43S(5.5-	03804-012	05/04/2013	10:18
U-43W(0-2.	03804-013	05/04/2013	10:35
U-43W(2.0-	03804-014	05/04/2013	10:53
U-42W(4.0-	03804-017	05/04/2013	11:45
T-38E(4.0-	03804-023	05/04/2013	13:30
T-38N(2.0-	03804-024	05/04/2013	13:47
PCB	LCSS130429-11	05/04/2013	16:06
U-42S(2.0-	03804-008	05/05/2013	16:19
U-43S(2.0-	03804-010	05/05/2013	16:36
U-43W(4.0-	03804-015	05/05/2013	16:53
U-42W(2.0-	03804-016	05/05/2013	17:11
U-41W(2.0-	03804-018	05/05/2013	17:28
U-40W(0-2.	03804-019	05/05/2013	17:46
U-40W(4.0-	03804-020	05/05/2013	18:03
U-39W(4.0-	03804-022	05/05/2013	18:38
T-38S(0-2.	03804-025	05/05/2013	18:56
T-41N(0-2.	03804-027	05/05/2013	19:13
PCB	03804-027MS	05/05/2013	19:30
PCB	03804-027MSD	05/05/2013	19:48
U-39W(0-2.	03804-021	05/06/2013	19:01
T-39S(4.0-	03804-026	05/07/2013	13:37

PCB METHOD BLANK SUMMARY

Lab File ID: R9852.D

Instrument ID: GC-R

Date Extracted: 05/02/2013

Matrix: AQUEOUS

Date Analyzed: 05/08/2013

Time Analyzed: 17:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-77	03804-036	05/08/2013	17:42
001	03886-001	05/08/2013	18:00
HEADER_EAST	03857-001	05/08/2013	18:17
FB-78	03859-040	05/08/2013	18:34
PCB	03857-001MS	05/08/2013	18:52
PCB	03857-001MSD	05/08/2013	19:09
PCB	LCSA130502-08	05/08/2013	19:27

PCB METHOD BLANK SUMMARY

Lab File ID: R9926.D

Instrument ID: GC-R

Date Extracted: 04/29/2013

Matrix: SOIL

Date Analyzed: 05/09/2013

Time Analyzed: 19:44

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
T-41S(2.0-	03804-029	05/09/2013	20:19
T-42S(2.0-	03804-030	05/09/2013	20:36
T-42S(4.0-	03804-031	05/09/2013	20:53
T-42W(0-2.	03804-032	05/09/2013	21:11
T-42W(4.0-	03804-033	05/09/2013	21:28
T-41W(0-2.	03804-034	05/09/2013	21:45
T-41W(2.0-	03804-035	05/09/2013	22:03
C-17	03845-001	05/09/2013	22:20
C-18	03845-002	05/09/2013	22:38
C-19	03845-003	05/09/2013	22:55
BC-20	03845-004	05/09/2013	23:12
S-214	03846-001	05/09/2013	23:30
S-222	03846-002	05/09/2013	23:47
S-230	03846-003	05/10/2013	00:04
T-40W_(0-2	03859-001	05/10/2013	00:22
T-40W_(4.0	03859-002	05/10/2013	00:39
T-39W_(0-2	03859-003	05/10/2013	00:56
S-37S_(0-2	03859-004	05/10/2013	01:14
S-37S_(2.0	03859-005	05/10/2013	01:31
PCB	03846-001MS	05/10/2013	01:49
PCB	03846-001MSD	05/10/2013	02:06
PCB	LCSS130429-12	05/10/2013	02:58
T-41S(0-2.	03804-028	05/10/2013	18:07

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.22	3.22	3.22	3.22	3.22	3.22	3.15	3.29
Aroclor-1016 {2}	4.05	4.05	4.05	4.05	4.05	4.05	3.98	4.12
Aroclor-1016 {3}	4.60	4.60	4.60	4.60	4.60	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.11	5.11	5.11	5.11	5.11	5.04	5.18
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.02				2.95	3.09
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.22				3.15	3.29
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.22				3.15	3.29
Aroclor-1232 {2}			4.05				3.98	4.12
Aroclor-1232 {3}			4.71				4.64	4.78
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.05				3.98	4.12
Aroclor-1242 {2}			4.99				4.92	5.06
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.01				5.94	6.08
Aroclor-1242 {5}			6.28				6.21	6.35
Aroclor-1248			4.45				4.37	4.53
Aroclor-1248 {2}			4.99				4.91	5.07
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.01				5.93	6.09
Aroclor-1248 {5}			6.28				6.20	6.36
Aroclor-1254			6.41				6.33	6.49
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.01				6.92	7.10
Aroclor-1254 {4}			7.45				7.36	7.54
Aroclor-1254 {5}			8.29				8.20	8.38
Aroclor-1260	8.29	8.29	8.29	8.29	8.29	8.29	7.39	9.19
Aroclor-1260 {2}	8.97	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.45	9.45	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	273388	262231	232321	216327	211748	239203	11.49
Aroclor-1016 {2}	355668	346400	312881	294629	287298	319375	9.56
Aroclor-1016 {3}	465937	440044	402716	378416	373098	412042	9.73
Aroclor-1016 {4}	209972	207662	184891	170691	168312	188306	10.51
Aroclor-1016 {5}	360579	333624	314804	298233	296099	320668	8.40
Aroclor-1221			94887				
Aroclor-1221 {2}			154466				
Aroclor-1221 {3}			94825				
Aroclor-1221 {4}			329982				
Aroclor-1221 {5}			71657				
Aroclor-1232			214046				
Aroclor-1232 {2}			121911				
Aroclor-1232 {3}			107288				
Aroclor-1232 {4}			114903				
Aroclor-1232 {5}			143470				
Aroclor-1242			219484				
Aroclor-1242 {2}			135896				
Aroclor-1242 {3}			188075				
Aroclor-1242 {4}			269670				
Aroclor-1242 {5}			244389				
Aroclor-1248			464016				
Aroclor-1248 {2}			261841				
Aroclor-1248 {3}			337846				
Aroclor-1248 {4}			509953				
Aroclor-1248 {5}			410435				
Aroclor-1254			579732				
Aroclor-1254 {2}			373682				
Aroclor-1254 {3}			674547				
Aroclor-1254 {4}			720918				
Aroclor-1254 {5}			623290				
Aroclor-1260	893716	880947	867411	809850	829207	856226	4.14
Aroclor-1260 {2}	414317	413297	400025	370970	381743	396070	4.86
Aroclor-1260 {3}	940915	954989	973088	902329	944898	943244	2.76
Aroclor-1260 {4}	505168	508145	519743	483352	517232	506728	2.84
Aroclor-1260 {5}	193767	206842	214645	195637	217355	205649	5.22
						Average %RSD	6.95

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.43	3.43	3.43	3.43	3.43	3.43	3.36	3.50
Aroclor-1016 {2}	4.00	4.00	4.00	4.00	4.00	4.00	3.93	4.07
Aroclor-1016 {3}	4.72	4.72	4.72	4.72	4.72	4.72	4.65	4.79
Aroclor-1016 {4}	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
Aroclor-1016 {5}	5.09	5.09	5.09	5.09	5.09	5.09	5.02	5.16
Aroclor-1221			2.21				2.14	2.28
Aroclor-1221 {2}			3.12				3.05	3.19
Aroclor-1221 {3}			3.34				3.27	3.41
Aroclor-1221 {4}			3.43				3.36	3.50
Aroclor-1221 {5}			4.72				4.65	4.79
Aroclor-1232			3.43				3.36	3.50
Aroclor-1232 {2}			4.37				4.30	4.44
Aroclor-1232 {3}			4.92				4.85	4.99
Aroclor-1232 {4}			5.09				5.02	5.16
Aroclor-1232 {5}			5.68				5.61	5.75
Aroclor-1242			4.37				4.30	4.44
Aroclor-1242 {2}			5.09				5.02	5.16
Aroclor-1242 {3}			5.68				5.61	5.75
Aroclor-1242 {4}			5.83				5.76	5.90
Aroclor-1242 {5}			6.36				6.29	6.43
Aroclor-1248			4.72				4.64	4.80
Aroclor-1248 {2}			5.29				5.21	5.37
Aroclor-1248 {3}			5.68				5.60	5.76
Aroclor-1248 {4}			5.83				5.75	5.91
Aroclor-1248 {5}			6.17				6.09	6.25
Aroclor-1254			6.66				6.58	6.74
Aroclor-1254 {2}			7.24				7.16	7.32
Aroclor-1254 {3}			7.67				7.58	7.76
Aroclor-1254 {4}			7.85				7.76	7.94
Aroclor-1254 {5}			8.66				8.57	8.75
Aroclor-1260	7.42	7.42	7.42	7.42	7.42	7.42	6.52	8.32
Aroclor-1260 {2}	7.67	7.67	7.67	7.67	7.67	7.67	6.77	8.57
Aroclor-1260 {3}	9.26	9.25	9.25	9.25	9.26	9.25	8.35	10.15
Aroclor-1260 {4}	9.76	9.76	9.76	9.76	9.76	9.76	8.86	10.66
Aroclor-1260 {5}	10.35	10.35	10.35	10.35	10.35	10.35	9.45	11.25

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	310487	301042	267602	243632	237750	272103	12.08
Aroclor-1016 {2}	645599	605534	516583	472731	456250	539339	15.38
Aroclor-1016 {3}	1426225	1276806	1187827	1108723	1072668	1214450	11.70
Aroclor-1016 {4}	516529	544448	493102	455652	440983	490143	8.69
Aroclor-1016 {5}	435257	421935	384643	351242	349078	388431	10.19
Aroclor-1221			113088				
Aroclor-1221 {2}			164920				
Aroclor-1221 {3}			103383				
Aroclor-1221 {4}			377724				
Aroclor-1221 {5}			72409				
Aroclor-1232			248610				
Aroclor-1232 {2}			95062				
Aroclor-1232 {3}			197951				
Aroclor-1232 {4}			153040				
Aroclor-1232 {5}			214098				
Aroclor-1242			166381				
Aroclor-1242 {2}			268965				
Aroclor-1242 {3}			354665				
Aroclor-1242 {4}			287175				
Aroclor-1242 {5}			560240				
Aroclor-1248			541041				
Aroclor-1248 {2}			791761				
Aroclor-1248 {3}			570141				
Aroclor-1248 {4}			477960				
Aroclor-1248 {5}			283064				
Aroclor-1254			733486				
Aroclor-1254 {2}			566456				
Aroclor-1254 {3}			373499				
Aroclor-1254 {4}			562589				
Aroclor-1254 {5}			738640				
Aroclor-1260	542399	499412	432439	399390	394100	453548	14.34
Aroclor-1260 {2}	825827	719863	622456	572510	562332	660597	16.87
Aroclor-1260 {3}	630230	579776	546199	501283	510947	553687	9.54
Aroclor-1260 {4}	1255307	1165350	1154225	1060442	1104521	1147969	6.37
Aroclor-1260 {5}	865521	824908	830501	747665	819808	817681	5.26
						Average %RSD	11.04

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			8.67				8.55	8.79
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.17				10.05	10.29
Aroclor-1268 {3}			10.64				10.52	10.76
Aroclor-1268 {4}			10.77				10.65	10.89
Aroclor-1268 {5}			11.60				11.48	11.72

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.25				9.13	9.37
Aroclor-1262 {2}			9.76				9.64	9.88
Aroclor-1262 {3}			10.26				10.14	10.38
Aroclor-1262 {4}			10.34				10.22	10.46
Aroclor-1262 {5}			10.94				10.82	11.06
Aroclor-1268			10.26				10.14	10.38
Aroclor-1268 {2}			10.34				10.22	10.46
Aroclor-1268 {3}			10.59				10.47	10.71
Aroclor-1268 {4}			10.73				10.61	10.85
Aroclor-1268 {5}			11.81				11.69	11.93

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013 **Instrument ID:** GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			246260				
Aroclor-1262 {2}			1165306				
Aroclor-1262 {3}			460057				
Aroclor-1262 {4}			482035				
Aroclor-1262 {5}			385857				
Aroclor-1268			1286259				
Aroclor-1268 {2}			1207455				
Aroclor-1268 {3}			1010486				
Aroclor-1268 {4}			249653				
Aroclor-1268 {5}			3159238				

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			658408				
Aroclor-1262 {2}			1403733				
Aroclor-1262 {3}			494503				
Aroclor-1262 {4}			957092				
Aroclor-1262 {5}			178872				
Aroclor-1268			1424262				
Aroclor-1268 {2}			1363218				
Aroclor-1268 {3}			1139890				
Aroclor-1268 {4}			293823				
Aroclor-1268 {5}			3530038				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/03/2013 **Instrument ID:** GC-R

Data File: R9570.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	231729	3.12
Aroclor-1016 {2}	4.05	3.98	4.12	319375	316799	0.81
Aroclor-1016 {3}	4.60	4.53	4.67	412042	408705	0.81
Aroclor-1016 {4}	5.11	5.04	5.18	188306	193558	2.79
Aroclor-1016 {5}	5.51	5.43	5.57	320668	324432	1.17
Aroclor-1260	8.30	7.39	9.19	856226	952861	11.29
Aroclor-1260 {2}	8.97	8.07	9.87	396070	448957	13.35
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1101195	16.75
Aroclor-1260 {4}	9.93	9.03	10.83	506728	586579	15.76
Aroclor-1260 {5}	11.00	10.09	11.89	205649	243637	18.47
					Average %D	8.43

Data File: R9570.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	264803	2.68
Aroclor-1016 {2}	3.99	3.93	4.07	539339	504845	6.40
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1188916	2.10
Aroclor-1016 {4}	4.92	4.85	4.99	490143	489455	0.14
Aroclor-1016 {5}	5.09	5.02	5.16	388431	372194	4.18
Aroclor-1260	7.41	6.52	8.32	453548	446388	1.58
Aroclor-1260 {2}	7.67	6.77	8.57	660597	646040	2.20
Aroclor-1260 {3}	9.25	8.35	10.15	553687	589291	6.43
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1268501	10.50
Aroclor-1260 {5}	10.34	9.45	11.25	817681	923195	12.90
					Average %D	4.91

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/04/2013 **Instrument ID:** GC-R

Data File: R9595.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	230133	3.79
Aroclor-1016 {2}	4.05	3.98	4.12	319375	313465	1.85
Aroclor-1016 {3}	4.60	4.53	4.67	412042	407386	1.13
Aroclor-1016 {4}	5.11	5.04	5.18	188306	189443	0.60
Aroclor-1016 {5}	5.51	5.43	5.57	320668	323520	0.89
Aroclor-1260	8.30	7.39	9.19	856226	948465	10.77
Aroclor-1260 {2}	8.97	8.07	9.87	396070	446077	12.63
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1090570	15.62
Aroclor-1260 {4}	9.93	9.03	10.83	506728	581518	14.76
Aroclor-1260 {5}	11.00	10.09	11.89	205649	236623	15.06
					Average %D	7.71

Data File: R9595.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	257783	5.26
Aroclor-1016 {2}	3.99	3.93	4.07	539339	502177	6.89
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1173522	3.37
Aroclor-1016 {4}	4.92	4.85	4.99	490143	483401	1.38
Aroclor-1016 {5}	5.09	5.02	5.16	388431	373061	3.96
Aroclor-1260	7.41	6.52	8.32	453548	443597	2.19
Aroclor-1260 {2}	7.67	6.77	8.57	660597	640071	3.11
Aroclor-1260 {3}	9.25	8.35	10.15	553687	579852	4.73
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1239187	7.95
Aroclor-1260 {5}	10.34	9.45	11.25	817681	895412	9.51
					Average %D	4.83

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/04/2013 **Instrument ID:** GC-R

Data File: R9596.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	230321	3.71
Aroclor-1016 {2}	4.05	3.98	4.12	319375	312606	2.12
Aroclor-1016 {3}	4.60	4.53	4.67	412042	405795	1.52
Aroclor-1016 {4}	5.11	5.04	5.18	188306	189643	0.71
Aroclor-1016 {5}	5.51	5.43	5.57	320668	321964	0.40
Aroclor-1260	8.30	7.39	9.19	856226	936940	9.43
Aroclor-1260 {2}	8.97	8.07	9.87	396070	441372	11.44
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1079968	14.50
Aroclor-1260 {4}	9.93	9.03	10.83	506728	575775	13.63
Aroclor-1260 {5}	11.00	10.09	11.89	205649	233129	13.36
					Average %D	7.08

Data File: R9596.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	260009	4.44
Aroclor-1016 {2}	3.99	3.93	4.07	539339	500806	7.14
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1169652	3.69
Aroclor-1016 {4}	4.92	4.85	4.99	490143	482817	1.49
Aroclor-1016 {5}	5.09	5.02	5.16	388431	372039	4.22
Aroclor-1260	7.41	6.52	8.32	453548	439895	3.01
Aroclor-1260 {2}	7.67	6.77	8.57	660597	634567	3.94
Aroclor-1260 {3}	9.25	8.35	10.15	553687	574947	3.84
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1230760	7.21
Aroclor-1260 {5}	10.34	9.45	11.25	817681	889805	8.82
					Average %D	4.78

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/04/2013 **Instrument ID:** GC-R

Data File: R9621.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	229717	3.97
Aroclor-1016 {2}	4.05	3.98	4.12	319375	313973	1.69
Aroclor-1016 {3}	4.60	4.53	4.67	412042	408592	0.84
Aroclor-1016 {4}	5.11	5.04	5.18	188306	182688	2.98
Aroclor-1016 {5}	5.51	5.43	5.57	320668	321594	0.29
Aroclor-1260	8.30	7.39	9.19	856226	934631	9.16
Aroclor-1260 {2}	8.98	8.07	9.87	396070	433978	9.57
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1071714	13.62
Aroclor-1260 {4}	9.93	9.03	10.83	506728	576875	13.84
Aroclor-1260 {5}	11.00	10.09	11.89	205649	228512	11.12
					Average %D	6.71

Data File: R9621.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	253389	6.88
Aroclor-1016 {2}	3.99	3.93	4.07	539339	504872	6.39
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1189507	2.05
Aroclor-1016 {4}	4.92	4.85	4.99	490143	478448	2.39
Aroclor-1016 {5}	5.09	5.02	5.16	388431	369072	4.98
Aroclor-1260	7.41	6.52	8.32	453548	440243	2.93
Aroclor-1260 {2}	7.67	6.77	8.57	660597	637430	3.51
Aroclor-1260 {3}	9.25	8.35	10.15	553687	575832	4.00
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1221672	6.42
Aroclor-1260 {5}	10.34	9.45	11.25	817681	894515	9.40
					Average %D	4.89

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/05/2013 **Instrument ID:** GC-R

Data File: R9648.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	200620	16.13
Aroclor-1016 {2}	4.05	3.98	4.12	319375	275085	13.87
Aroclor-1016 {3}	4.61	4.53	4.67	412042	356577	13.46
Aroclor-1016 {4}	5.11	5.04	5.18	188306	165288	12.22
Aroclor-1016 {5}	5.51	5.43	5.57	320668	281795	12.12
Aroclor-1260	8.30	7.39	9.19	856226	819352	4.31
Aroclor-1260 {2}	8.98	8.07	9.87	396070	381974	3.56
Aroclor-1260 {3}	9.45	8.55	10.35	943244	923043	2.14
Aroclor-1260 {4}	9.94	9.03	10.83	506728	480447	5.19
Aroclor-1260 {5}	11.00	10.09	11.89	205649	186814	9.16
					Average %D	9.22

Data File: R9648.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	228319	16.09
Aroclor-1016 {2}	4.00	3.93	4.07	539339	444896	17.51
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1040248	14.34
Aroclor-1016 {4}	4.92	4.85	4.99	490143	424822	13.33
Aroclor-1016 {5}	5.09	5.02	5.16	388431	329219	15.24
Aroclor-1260	7.42	6.52	8.32	453548	388942	14.24
Aroclor-1260 {2}	7.67	6.77	8.57	660597	558880	15.40
Aroclor-1260 {3}	9.25	8.35	10.15	553687	499773	9.74
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1073253	6.51
Aroclor-1260 {5}	10.34	9.45	11.25	817681	792263	3.11
					Average %D	12.55

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/05/2013 **Instrument ID:** GC-R

Data File: R9655.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	205573	14.06
Aroclor-1016 {2}	4.05	3.98	4.12	319375	282091	11.67
Aroclor-1016 {3}	4.60	4.53	4.67	412042	365842	11.21
Aroclor-1016 {4}	5.11	5.04	5.18	188306	170195	9.62
Aroclor-1016 {5}	5.51	5.43	5.57	320668	289794	9.63
Aroclor-1260	8.30	7.39	9.19	856226	843750	1.46
Aroclor-1260 {2}	8.98	8.07	9.87	396070	394093	0.50
Aroclor-1260 {3}	9.45	8.55	10.35	943244	956561	1.41
Aroclor-1260 {4}	9.94	9.03	10.83	506728	501313	1.07
Aroclor-1260 {5}	11.00	10.09	11.89	205649	198607	3.42
					Average %D	6.41

Data File: R9655.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	232142	14.69
Aroclor-1016 {2}	4.00	3.93	4.07	539339	455486	15.55
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1065528	12.26
Aroclor-1016 {4}	4.92	4.85	4.99	490143	435365	11.18
Aroclor-1016 {5}	5.09	5.02	5.16	388431	337173	13.20
Aroclor-1260	7.42	6.52	8.32	453548	398344	12.17
Aroclor-1260 {2}	7.67	6.77	8.57	660597	575655	12.86
Aroclor-1260 {3}	9.25	8.35	10.15	553687	514790	7.03
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1096160	4.51
Aroclor-1260 {5}	10.34	9.45	11.25	817681	785967	3.88
					Average %D	10.73

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/05/2013 **Instrument ID:** GC-R

Data File: R9669.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	207685	13.18
Aroclor-1016 {2}	4.05	3.98	4.12	319375	283827	11.13
Aroclor-1016 {3}	4.61	4.53	4.67	412042	368943	10.46
Aroclor-1016 {4}	5.11	5.04	5.18	188306	171734	8.80
Aroclor-1016 {5}	5.51	5.43	5.57	320668	292714	8.72
Aroclor-1260	8.30	7.39	9.19	856226	869068	1.50
Aroclor-1260 {2}	8.98	8.07	9.87	396070	406951	2.75
Aroclor-1260 {3}	9.45	8.55	10.35	943244	993499	5.33
Aroclor-1260 {4}	9.94	9.03	10.83	506728	523398	3.29
Aroclor-1260 {5}	11.00	10.09	11.89	205649	219023	6.50
					Average %D	7.17

Data File: R9669.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	231135	15.06
Aroclor-1016 {2}	4.00	3.93	4.07	539339	455975	15.46
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1066150	12.21
Aroclor-1016 {4}	4.92	4.85	4.99	490143	437960	10.65
Aroclor-1016 {5}	5.09	5.02	5.16	388431	338376	12.89
Aroclor-1260	7.42	6.52	8.32	453548	405882	10.51
Aroclor-1260 {2}	7.67	6.77	8.57	660597	588447	10.92
Aroclor-1260 {3}	9.25	8.35	10.15	553687	536262	3.15
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1161938	1.22
Aroclor-1260 {5}	10.34	9.45	11.25	817681	858746	5.02
					Average %D	9.71

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/06/2013 **Instrument ID:** GC-R

Data File: R9723.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	214385	10.38
Aroclor-1016 {2}	4.05	3.98	4.12	319375	292560	8.40
Aroclor-1016 {3}	4.60	4.53	4.67	412042	379638	7.86
Aroclor-1016 {4}	5.11	5.04	5.18	188306	180683	4.05
Aroclor-1016 {5}	5.51	5.43	5.57	320668	302199	5.76
Aroclor-1260	8.30	7.39	9.19	856226	888152	3.73
Aroclor-1260 {2}	8.98	8.07	9.87	396070	416953	5.27
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1008489	6.92
Aroclor-1260 {4}	9.94	9.03	10.83	506728	527837	4.17
Aroclor-1260 {5}	11.00	10.09	11.89	205649	209581	1.91
					Average %D	5.84

Data File: R9723.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	244279	10.23
Aroclor-1016 {2}	4.00	3.93	4.07	539339	475007	11.93
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1106730	8.87
Aroclor-1016 {4}	4.92	4.85	4.99	490143	458778	6.40
Aroclor-1016 {5}	5.09	5.02	5.16	388431	353653	8.95
Aroclor-1260	7.42	6.52	8.32	453548	422382	6.87
Aroclor-1260 {2}	7.67	6.77	8.57	660597	611992	7.36
Aroclor-1260 {3}	9.25	8.35	10.15	553687	551079	0.47
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1182702	3.03
Aroclor-1260 {5}	10.34	9.45	11.25	817681	845488	3.40
					Average %D	6.75

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/06/2013 **Instrument ID:** GC-R

Data File: R9727.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	216855	9.34
Aroclor-1016 {2}	4.05	3.98	4.12	319375	297796	6.76
Aroclor-1016 {3}	4.60	4.53	4.67	412042	385751	6.38
Aroclor-1016 {4}	5.11	5.04	5.18	188306	182350	3.16
Aroclor-1016 {5}	5.51	5.43	5.57	320668	305608	4.70
Aroclor-1260	8.30	7.39	9.19	856226	894004	4.41
Aroclor-1260 {2}	8.98	8.07	9.87	396070	420893	6.27
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1022707	8.42
Aroclor-1260 {4}	9.94	9.03	10.83	506728	536591	5.89
Aroclor-1260 {5}	11.00	10.09	11.89	205649	219627	6.80
					Average %D	6.21

Data File: R9727.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	247775	8.94
Aroclor-1016 {2}	3.99	3.93	4.07	539339	483588	10.34
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1132475	6.75
Aroclor-1016 {4}	4.92	4.85	4.99	490143	467975	4.52
Aroclor-1016 {5}	5.09	5.02	5.16	388431	358370	7.74
Aroclor-1260	7.41	6.52	8.32	453548	433108	4.51
Aroclor-1260 {2}	7.67	6.77	8.57	660597	627765	4.97
Aroclor-1260 {3}	9.25	8.35	10.15	553687	569142	2.79
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1207673	5.20
Aroclor-1260 {5}	10.34	9.45	11.25	817681	868957	6.27
					Average %D	6.20

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/07/2013 **Instrument ID:** GC-R

Data File: R9782.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	207902	13.09
Aroclor-1016 {2}	4.06	3.98	4.12	319375	280208	12.26
Aroclor-1016 {3}	4.61	4.53	4.67	412042	367025	10.93
Aroclor-1016 {4}	5.12	5.04	5.18	188306	167218	11.20
Aroclor-1016 {5}	5.51	5.43	5.57	320668	288098	10.16
Aroclor-1260	8.30	7.39	9.19	856226	774582	9.54
Aroclor-1260 {2}	8.98	8.07	9.87	396070	350466	11.51
Aroclor-1260 {3}	9.46	8.55	10.35	943244	835258	11.45
Aroclor-1260 {4}	9.94	9.03	10.83	506728	438672	13.43
Aroclor-1260 {5}	11.00	10.09	11.89	205649	172355	16.19
					Average %D	11.97

Data File: R9782.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	222192	18.34
Aroclor-1016 {2}	4.00	3.93	4.07	539339	446538	17.21
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1063998	12.39
Aroclor-1016 {4}	4.93	4.85	4.99	490143	415881	15.15
Aroclor-1016 {5}	5.10	5.02	5.16	388431	321001	17.36
Aroclor-1260	7.42	6.52	8.32	453548	367334	19.01
Aroclor-1260 {2}	7.67	6.77	8.57	660597	543909	17.66
Aroclor-1260 {3}	9.25	8.35	10.15	553687	454878	17.85
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	966853	15.78
Aroclor-1260 {5}	10.34	9.45	11.25	817681	694479	15.07
					Average %D	16.58

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/07/2013 **Instrument ID:** GC-R

Data File: R9784.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	227811	4.76
Aroclor-1016 {2}	4.05	3.98	4.12	319375	305388	4.38
Aroclor-1016 {3}	4.61	4.53	4.67	412042	398953	3.18
Aroclor-1016 {4}	5.11	5.04	5.18	188306	184832	1.84
Aroclor-1016 {5}	5.51	5.43	5.57	320668	313249	2.31
Aroclor-1260	8.30	7.39	9.19	856226	846598	1.12
Aroclor-1260 {2}	8.98	8.07	9.87	396070	383539	3.16
Aroclor-1260 {3}	9.46	8.55	10.35	943244	919488	2.52
Aroclor-1260 {4}	9.94	9.03	10.83	506728	498706	1.58
Aroclor-1260 {5}	11.00	10.09	11.89	205649	191769	6.75
					Average %D	3.16

Data File: R9784.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	237979	12.54
Aroclor-1016 {2}	4.00	3.93	4.07	539339	482974	10.45
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1152522	5.10
Aroclor-1016 {4}	4.92	4.85	4.99	490143	452132	7.76
Aroclor-1016 {5}	5.09	5.02	5.16	388431	348733	10.22
Aroclor-1260	7.42	6.52	8.32	453548	403534	11.03
Aroclor-1260 {2}	7.67	6.77	8.57	660597	578621	12.41
Aroclor-1260 {3}	9.25	8.35	10.15	553687	497693	10.11
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1039869	9.42
Aroclor-1260 {5}	10.34	9.45	11.25	817681	744597	8.94
					Average %D	9.80

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/08/2013 **Instrument ID:** GC-R

Data File: R9851.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	241112	0.80
Aroclor-1016 {2}	4.05	3.98	4.12	319375	312332	-2.21
Aroclor-1016 {3}	4.60	4.53	4.67	412042	395734	3.96
Aroclor-1016 {4}	5.11	5.04	5.18	188306	188295	0.01
Aroclor-1016 {5}	5.51	5.43	5.57	320668	303783	5.27
Aroclor-1260	8.30	7.39	9.19	856226	829361	3.14
Aroclor-1260 {2}	8.98	8.07	9.87	396070	394739	0.34
Aroclor-1260 {3}	9.45	8.55	10.35	943244	963503	2.15
Aroclor-1260 {4}	9.93	9.03	10.83	506728	513720	1.38
Aroclor-1260 {5}	11.00	10.09	11.89	205649	218584	6.29
					Average %D	2.55

Data File: R9851.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.44	3.36	3.50	272103	285148	4.79
Aroclor-1016 {2}	4.01	3.93	4.07	539339	516434	4.25
Aroclor-1016 {3}	4.73	4.65	4.79	1214450	1187182	2.25
Aroclor-1016 {4}	4.93	4.85	4.99	490143	486313	0.78
Aroclor-1016 {5}	5.10	5.02	5.16	388431	379264	2.36
Aroclor-1260	7.42	6.52	8.32	453548	408166	10.01
Aroclor-1260 {2}	7.68	6.77	8.57	660597	587812	11.02
Aroclor-1260 {3}	9.26	8.35	10.15	553687	527881	4.66
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1128894	1.66
Aroclor-1260 {5}	10.35	9.45	11.25	817681	824275	0.81
					Average %D	4.26

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/08/2013 **Instrument ID:** GC-R

Data File: R9860.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	247538	3.48
Aroclor-1016 {2}	4.05	3.98	4.12	319375	324951	1.75
Aroclor-1016 {3}	4.60	4.53	4.67	412042	413786	0.42
Aroclor-1016 {4}	5.11	5.04	5.18	188306	194589	3.34
Aroclor-1016 {5}	5.51	5.43	5.57	320668	319422	0.39
Aroclor-1260	8.30	7.39	9.19	856226	898164	4.90
Aroclor-1260 {2}	8.97	8.07	9.87	396070	425044	7.32
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1041791	10.45
Aroclor-1260 {4}	9.94	9.03	10.83	506728	553588	9.25
Aroclor-1260 {5}	11.00	10.09	11.89	205649	231184	12.42
					Average %D	5.37

Data File: R9860.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.36	3.50	272103	288592	6.06
Aroclor-1016 {2}	3.99	3.93	4.07	539339	534572	0.88
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1238021	1.94
Aroclor-1016 {4}	4.92	4.85	4.99	490143	507104	3.46
Aroclor-1016 {5}	5.09	5.02	5.16	388431	394786	1.64
Aroclor-1260	7.41	6.52	8.32	453548	436584	3.74
Aroclor-1260 {2}	7.66	6.77	8.57	660597	631951	4.34
Aroclor-1260 {3}	9.25	8.35	10.15	553687	572510	3.40
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1228209	6.99
Aroclor-1260 {5}	10.34	9.45	11.25	817681	901353	10.23
					Average %D	4.27

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/09/2013 **Instrument ID:** GC-R

Data File: R9925.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	241236	0.85
Aroclor-1016 {2}	4.05	3.98	4.12	319375	316040	1.04
Aroclor-1016 {3}	4.60	4.53	4.67	412042	403470	2.08
Aroclor-1016 {4}	5.11	5.04	5.18	188306	193828	2.93
Aroclor-1016 {5}	5.51	5.43	5.57	320668	309220	3.57
Aroclor-1260	8.30	7.39	9.19	856226	793848	7.29
Aroclor-1260 {2}	8.97	8.07	9.87	396070	375560	5.18
Aroclor-1260 {3}	9.45	8.55	10.35	943244	913382	3.17
Aroclor-1260 {4}	9.93	9.03	10.83	506728	481835	4.91
Aroclor-1260 {5}	11.00	10.09	11.89	205649	199745	2.87
					Average %D	3.39

Data File: R9925.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.42	3.36	3.50	272103	282988	4.00
Aroclor-1016 {2}	3.99	3.93	4.07	539339	524664	2.72
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1216061	0.13
Aroclor-1016 {4}	4.91	4.85	4.99	490143	498119	1.63
Aroclor-1016 {5}	5.08	5.02	5.16	388431	387083	0.35
Aroclor-1260	7.41	6.52	8.32	453548	411640	9.24
Aroclor-1260 {2}	7.66	6.77	8.57	660597	593019	10.23
Aroclor-1260 {3}	9.24	8.35	10.15	553687	513868	7.19
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1016979	11.41
Aroclor-1260 {5}	10.34	9.45	11.25	817681	790989	3.26
					Average %D	5.02

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/10/2013 **Instrument ID:** GC-R

Data File: R9950.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	272952	14.11
Aroclor-1016 {2}	4.05	3.98	4.12	319375	362502	13.50
Aroclor-1016 {3}	4.60	4.53	4.67	412042	463067	12.38
Aroclor-1016 {4}	5.11	5.04	5.18	188306	204865	8.79
Aroclor-1016 {5}	5.51	5.43	5.57	320668	357815	11.58
Aroclor-1260	8.30	7.39	9.19	856226	964473	12.64
Aroclor-1260 {2}	8.98	8.07	9.87	396070	452882	14.34
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1103559	17.00
Aroclor-1260 {4}	9.94	9.03	10.83	506728	583320	15.12
Aroclor-1260 {5}	11.00	10.09	11.89	205649	241124	17.25
					Average %D	13.67

Data File: R9950.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.42	3.36	3.50	272103	318751	17.14
Aroclor-1016 {2}	3.99	3.93	4.07	539339	586959	8.83
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1368636	12.70
Aroclor-1016 {4}	4.91	4.85	4.99	490143	559620	14.17
Aroclor-1016 {5}	5.08	5.02	5.16	388431	436985	12.50
Aroclor-1260	7.41	6.52	8.32	453548	473737	4.45
Aroclor-1260 {2}	7.66	6.77	8.57	660597	683439	3.46
Aroclor-1260 {3}	9.24	8.35	10.15	553687	606356	9.51
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1264693	10.17
Aroclor-1260 {5}	10.34	9.45	11.25	817681	944275	15.48
					Average %D	10.84

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/10/2013 **Instrument ID:** GC-R

Data File: R9967.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	233540	2.37
Aroclor-1016 {2}	4.05	3.98	4.12	319375	308221	3.49
Aroclor-1016 {3}	4.60	4.53	4.67	412042	392693	4.70
Aroclor-1016 {4}	5.11	5.04	5.18	188306	190400	1.11
Aroclor-1016 {5}	5.51	5.43	5.57	320668	307480	4.11
Aroclor-1260	8.30	7.39	9.19	856226	866209	1.17
Aroclor-1260 {2}	8.97	8.07	9.87	396070	406254	2.57
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1001178	6.14
Aroclor-1260 {4}	9.94	9.03	10.83	506728	530045	4.60
Aroclor-1260 {5}	11.00	10.09	11.89	205649	224448	9.14
					Average %D	3.94

Data File: R9967.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.42	3.36	3.50	272103	273027	0.34
Aroclor-1016 {2}	3.99	3.93	4.07	539339	503453	6.65
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1182864	2.60
Aroclor-1016 {4}	4.91	4.85	4.99	490143	488289	0.38
Aroclor-1016 {5}	5.08	5.02	5.16	388431	371432	4.38
Aroclor-1260	7.41	6.52	8.32	453548	429810	5.23
Aroclor-1260 {2}	7.66	6.77	8.57	660597	621033	5.99
Aroclor-1260 {3}	9.24	8.35	10.15	553687	546319	1.33
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1194228	4.03
Aroclor-1260 {5}	10.34	9.45	11.25	817681	882360	7.91
					Average %D	3.88

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/10/2013 **Instrument ID:** GC-R

Data File: R9969.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	245425	2.60
Aroclor-1016 {2}	4.05	3.98	4.12	319375	322221	0.89
Aroclor-1016 {3}	4.60	4.53	4.67	412042	407514	1.10
Aroclor-1016 {4}	5.11	5.04	5.18	188306	199633	6.02
Aroclor-1016 {5}	5.50	5.43	5.57	320668	315874	1.49
Aroclor-1260	8.30	7.39	9.19	856226	859516	0.38
Aroclor-1260 {2}	8.97	8.07	9.87	396070	404893	2.23
Aroclor-1260 {3}	9.45	8.55	10.35	943244	986884	4.63
Aroclor-1260 {4}	9.93	9.03	10.83	506728	519256	2.47
Aroclor-1260 {5}	11.00	10.09	11.89	205649	216647	5.35
					Average %D	2.72

Data File: R9969.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.42	3.36	3.50	272103	287738	5.75
Aroclor-1016 {2}	3.99	3.93	4.07	539339	535295	0.75
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1247785	2.74
Aroclor-1016 {4}	4.91	4.85	4.99	490143	513103	4.68
Aroclor-1016 {5}	5.08	5.02	5.16	388431	396218	2.00
Aroclor-1260	7.41	6.52	8.32	453548	437509	3.54
Aroclor-1260 {2}	7.66	6.77	8.57	660597	632640	4.23
Aroclor-1260 {3}	9.24	8.35	10.15	553687	557769	0.74
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1175963	2.44
Aroclor-1260 {5}	10.34	9.45	11.25	817681	881539	7.81
					Average %D	3.47

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.75	DCB 1	12.10	TCMX 2	2.60	DCB 2	12.02

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS130428-07	05/04/2013	00:08	2.75		12.10		2.60		12.02	
SB1/6.5-7	03781-001	05/04/2013	00:25	2.75		12.10		2.60		12.02	
SB2/6.5-7	03781-002	05/04/2013	00:43	2.75		12.10		2.60		12.02	
SB3/6.5-7	03781-003	05/04/2013	01:00	2.75		12.10		2.60		12.02	
SB4/6.5-7	03781-004	05/04/2013	01:17	2.75		12.10		2.60		12.02	
SB5/6.5-7	03781-005	05/04/2013	01:35	2.75		12.10		2.60		12.02	
SB6/6.5-7	03781-006	05/04/2013	01:52	2.75		12.10		2.60		12.02	
C-1	03797-001	05/04/2013	02:10	2.76		12.10		2.61		12.02	
C-2	03797-002	05/04/2013	02:27	2.76		12.10		2.60		12.02	
C-3	03797-003	05/04/2013	02:44	2.75		12.10		2.60		12.02	
SB7/6.5-7	03781-007	05/04/2013	03:02	2.75		12.10		2.60		12.02	
SB8/6.5-7	03781-008	05/04/2013	03:19	2.75		12.10		2.60		12.02	
SB9	03781-009	05/04/2013	03:37	2.75		12.10		2.60		12.02	
SB10	03781-010	05/04/2013	03:54	2.76		12.10		2.61		12.02	
U-38N(4.0-	03804-001	05/04/2013	04:11	2.75		12.10		2.60		12.02	
U-39N(4.0-	03804-002	05/04/2013	04:29	0.00	D	0.00	D	0.00	D	0.00	D
U-41S(4.0-	03804-006	05/04/2013	05:39	2.75		12.10		2.60		12.02	
PCB	LCSS130428-07	05/04/2013	07:23	2.75		12.10		2.60		12.02	
U-40S(4.0-	03804-004	05/05/2013	13:59	0.00	D	0.00	D	0.00	D	0.00	D
U-41S(2.0-	03804-005	05/05/2013	14:16	0.00	D	0.00	D	0.00	D	0.00	D
U-42S(0-2.	03804-007	05/05/2013	14:34	2.76		12.10		2.61		12.02	
PCB	03804-007MS	05/05/2013	14:51	2.76		12.10		2.61		12.02	
PCB	03804-007MSD	05/05/2013	15:09	2.76		12.10		2.60		12.02	
U-40S(2.0-	03804-003	05/06/2013	18:44	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.75 **DCB 1** 12.10 **TCMX 2** 2.60 **DCB 2** 12.02

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS130429-11	05/04/2013	08:50	2.75		12.10		2.60		12.02	
U-42S(4.0-	03804-009	05/04/2013	09:25	2.75		12.10		2.60		12.02	
U-43S(4.0-	03804-011	05/04/2013	10:00	2.75		12.10		2.60		12.02	
U-43S(5.5-	03804-012	05/04/2013	10:18	2.75		12.10		2.60		12.02	
U-43W(0-2.	03804-013	05/04/2013	10:35	0.00	D	0.00	D	0.00	D	0.00	D
U-43W(2.0-	03804-014	05/04/2013	10:53	2.75		12.10		2.60		12.02	
U-42W(4.0-	03804-017	05/04/2013	11:45	0.00	D	0.00	D	0.00	D	0.00	D
T-38E(4.0-	03804-023	05/04/2013	13:30	2.75		12.10		2.60		12.02	
T-38N(2.0-	03804-024	05/04/2013	13:47	0.00	D	0.00	D	0.00	D	0.00	D
PCB	LCSS130429-11	05/04/2013	16:06	2.75		12.10		2.60		12.02	
U-42S(2.0-	03804-008	05/05/2013	16:19	0.00	D	0.00	D	0.00	D	0.00	D
U-43S(2.0-	03804-010	05/05/2013	16:36	2.76		12.10		2.60		12.02	
U-43W(4.0-	03804-015	05/05/2013	16:53	0.00	D	0.00	D	0.00	D	0.00	D
U-42W(2.0-	03804-016	05/05/2013	17:11	0.00	D	0.00	D	0.00	D	0.00	D
U-41W(2.0-	03804-018	05/05/2013	17:28	0.00	D	0.00	D	0.00	D	0.00	D
U-40W(0-2.	03804-019	05/05/2013	17:46	0.00	D	0.00	D	0.00	D	0.00	D
U-40W(4.0-	03804-020	05/05/2013	18:03	2.76		12.10		2.61		12.02	
U-39W(4.0-	03804-022	05/05/2013	18:38	0.00	D	0.00	D	0.00	D	0.00	D
T-38S(0-2.	03804-025	05/05/2013	18:56	0.00	D	0.00	D	0.00	D	0.00	D
T-41N(0-2.	03804-027	05/05/2013	19:13	0.00	D	0.00	D	0.00	D	0.00	D
PCB	03804-027MS	05/05/2013	19:30	0.00	D	0.00	D	0.00	D	0.00	D
PCB	03804-027MSD	05/05/2013	19:48	0.00	D	0.00	D	0.00	D	0.00	D
U-39W(0-2.	03804-021	05/06/2013	19:01	0.00	D	0.00	D	0.00	D	0.00	D
T-39S(4.0-	03804-026	05/07/2013	13:37	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.75	DCB 1	12.10	TCMX 2	2.61	DCB 2	12.03

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA130502-08	05/08/2013	17:25	2.75		12.10		2.61		12.03	
FB-77	03804-036	05/08/2013	17:42	2.75		12.10		2.60		12.02	
001	03886-001	05/08/2013	18:00	2.75		12.10		2.60		12.02	
HEADER_EAST	03857-001	05/08/2013	18:17	2.75		12.10		2.60		12.02	
FB-78	03859-040	05/08/2013	18:34	2.75		12.10		2.60		12.02	
PCB	03857-001MS	05/08/2013	18:52	2.75		12.10		2.60		12.02	
PCB	03857-001MSD	05/08/2013	19:09	2.76		12.10		2.60		12.02	
PCB	LCSA130502-08	05/08/2013	19:27	2.75		12.10		2.60		12.02	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	2.75	DCB 1	12.10	TCMX 2	2.60	DCB 2	12.02

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS130429-12	05/09/2013	19:44	2.75		12.10		2.60		12.02	
T-41S(2.0-	03804-029	05/09/2013	20:19	0.00	D	0.00	D	0.00	D	0.00	D
T-42S(2.0-	03804-030	05/09/2013	20:36	0.00	D	0.00	D	0.00	D	0.00	D
T-42S(4.0-	03804-031	05/09/2013	20:53	2.76		0.00	D	2.60		0.00	D
T-42W(0-2.	03804-032	05/09/2013	21:11	2.76		12.10		2.60		12.02	
T-42W(4.0-	03804-033	05/09/2013	21:28	0.00	D	0.00	D	0.00	D	0.00	D
T-41W(0-2.	03804-034	05/09/2013	21:45	0.00	D	0.00	D	0.00	D	0.00	D
T-41W(2.0-	03804-035	05/09/2013	22:03	0.00	D	0.00	D	0.00	D	0.00	D
C-17	03845-001	05/09/2013	22:20	2.76		12.09		2.60		12.02	
C-18	03845-002	05/09/2013	22:38	2.76		12.10		2.60		12.02	
C-19	03845-003	05/09/2013	22:55	2.76		12.10		2.60		12.02	
BC-20	03845-004	05/09/2013	23:12	2.76		12.10		2.60		12.02	
S-214	03846-001	05/09/2013	23:30	2.75		12.10		2.60		12.02	
S-222	03846-002	05/09/2013	23:47	2.75		12.10		2.60		12.02	
S-230	03846-003	05/10/2013	00:04	2.75		12.10		2.60		12.02	
T-40W_(0-2	03859-001	05/10/2013	00:22	0.00	D	0.00	D	0.00	D	0.00	D
T-40W_(4.0	03859-002	05/10/2013	00:39	0.00	D	0.00	D	0.00	D	0.00	D
T-39W_(0-2	03859-003	05/10/2013	00:56	0.00	D	0.00	D	0.00	D	0.00	D
S-37S_(0-2	03859-004	05/10/2013	01:14	2.76		12.10		2.60		12.02	
S-37S_(2.0	03859-005	05/10/2013	01:31	2.75		12.10		2.60		12.02	
PCB	03846-001MS	05/10/2013	01:49	2.75		12.10		2.60		12.02	
PCB	03846-001MSD	05/10/2013	02:06	2.75		12.10		2.60		12.02	
PCB	LCSS130429-12	05/10/2013	02:58	2.75		12.10		2.60		12.02	
T-41S(0-2.	03804-028	05/10/2013	18:07	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9585.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 4:11
Operator : JS
Sample : U-38N(4.0-,03804-001,S,5.02g,82.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:27:50 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	2.75	2.60	3030.7E6	3458.2E6	224.801	228.377	
Spiked Amount 200.000			Recovery	=	112.40%	114.19%	
2) S DCB	12.10	12.02	891.8E6	1031.1E6	293.005m	298.265m	
Spiked Amount 200.000			Recovery	=	146.50%	149.13%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.29	7.41	48932673	12322998	57.149m	27.170	#
34) L8 Aroclor-1260 {2}	8.97	7.66	13399085	25796374	33.830m	39.050	
35) L8 Aroclor-1260 {3}	9.45	9.25	28488844	18424517	30.203m	33.276	
36) L8 Aroclor-1260 {4}	9.93	9.75	12516312	62757776	24.700m	54.669	#
37) L8 Aroclor-1260 {5}	10.99	10.34	13584657	32147207	66.057m	39.315	#
Sum Aroclor-1260			116.9E6	151.4E6	211.940	193.480	
Average Aroclor-1260					42.388	38.696	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

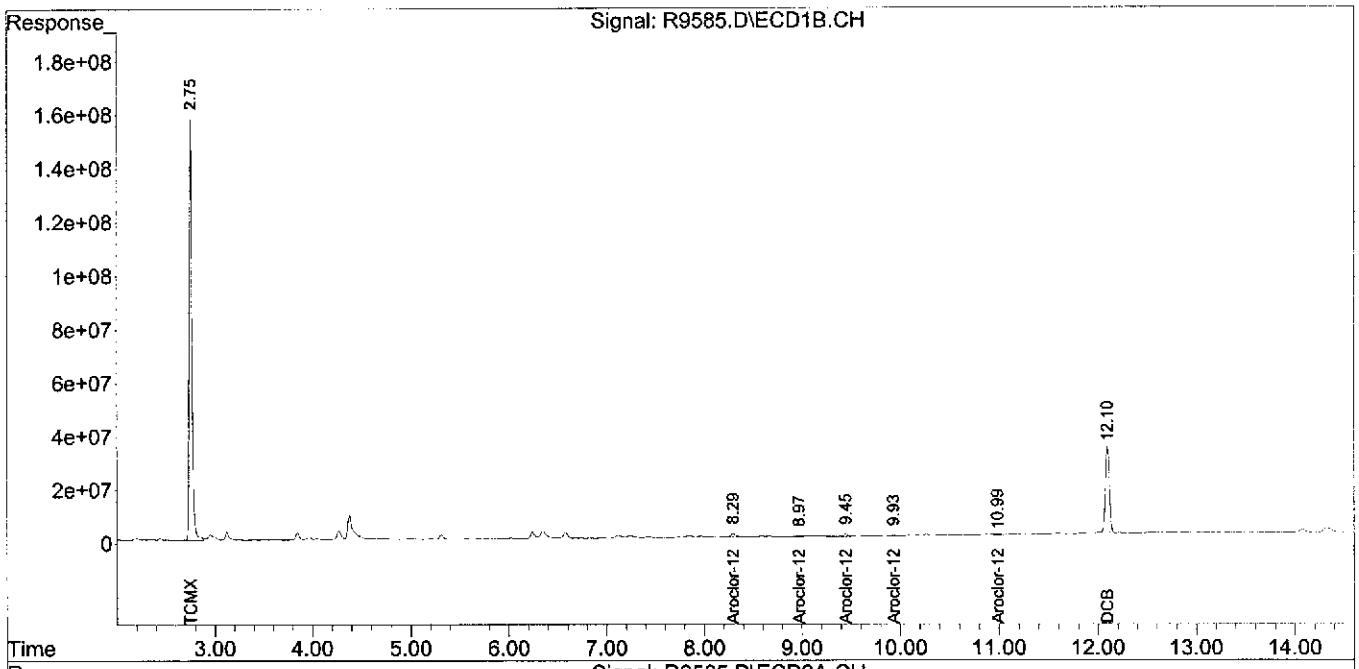
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

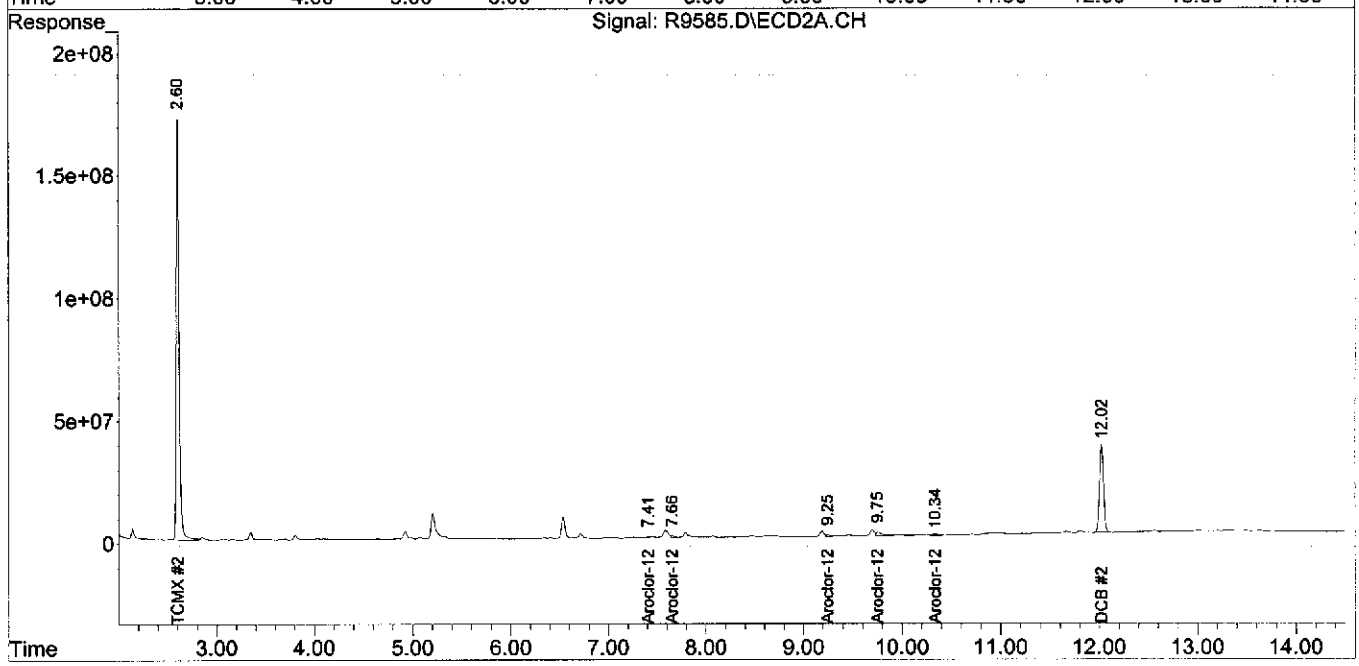
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9585.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 4:11
Operator : JS
Sample : U-38N(4.0-,03804-001,S,5.02g,82.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:27:50 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9586.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 4:29
Operator : JS
Sample : U-39N(4.0-,03804-002,S,5.02g,59.3,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:28:58 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	942.5E6	512.7E6	1100.736	1130.507	
34) L8 Aroclor-1260 {2}	8.98	7.67	658.3E6	724.8E6	1662.013	1097.124	#
35) L8 Aroclor-1260 {3}	9.45	9.25	1684.5E6	740.8E6	1785.813	1337.863	#
36) L8 Aroclor-1260 {4}	9.93	9.75	721.4E6	2048.8E6	1423.737	1784.674	#
37) L8 Aroclor-1260 {5}	11.00	10.34	409.0E6	1400.0E6	1988.827m	1712.178	
Sum Aroclor-1260			4415.7E6	5427.0E6	7961.127	7062.346	
Average Aroclor-1260					1592.225	1412.469	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

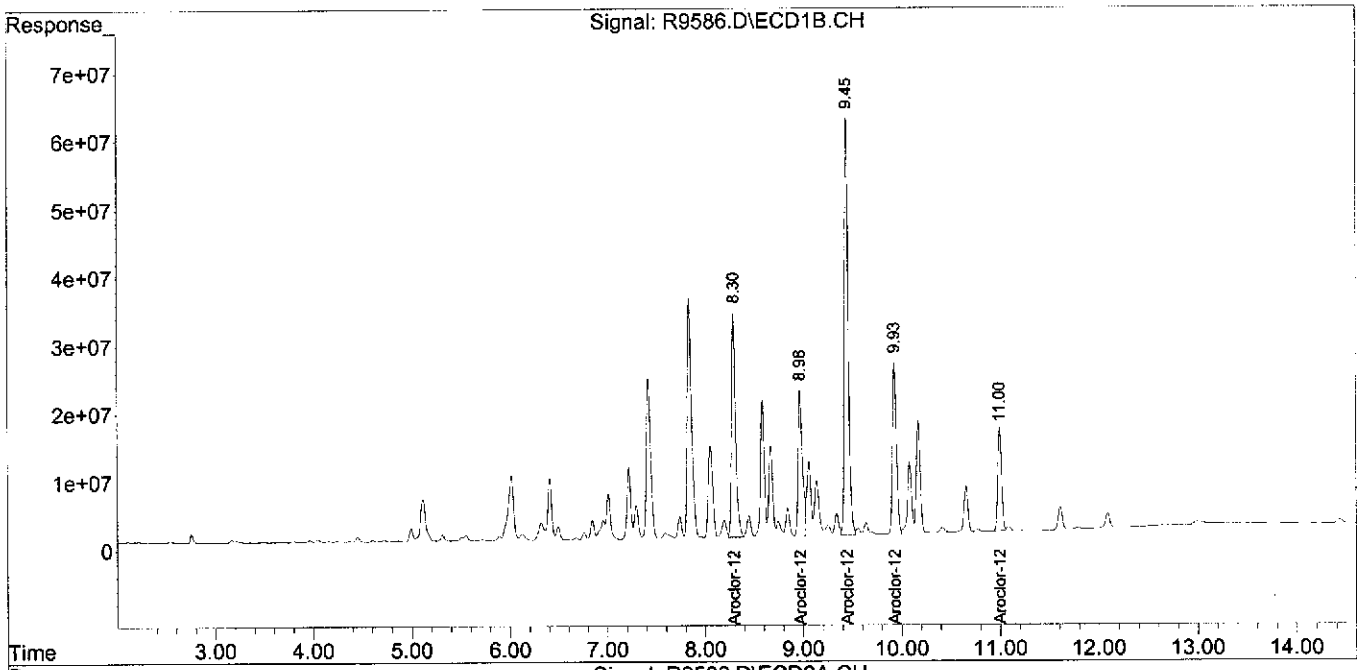
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

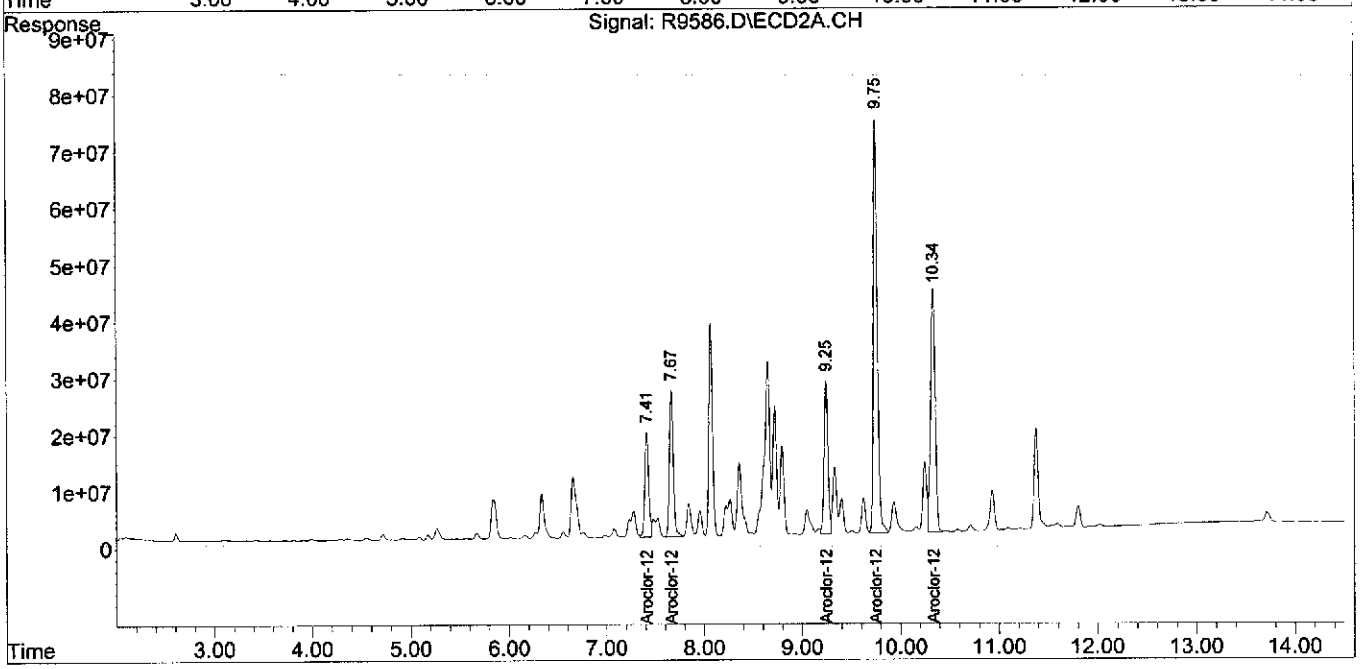
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9586.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 4:29
Operator : JS
Sample : U-39N(4.0-,03804-002,S,5.02g,59.3,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:28:58 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-06-13\
Data File : R9725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 May 2013 18:44
Operator : JS
Sample : U-40S(2.0-,03804-003,S,5.02g,60.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,500
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:40:40 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.43	372.7E6	217.9E6	435.325	480.439	
34) L8 Aroclor-1260 {2}	8.98	7.68	273.8E6	348.7E6	691.323	527.886	
35) L8 Aroclor-1260 {3}	9.45	9.26	835.1E6	358.4E6	885.370	647.298	#
36) L8 Aroclor-1260 {4}	9.94	9.76	335.6E6	928.8E6	662.382	809.075	
37) L8 Aroclor-1260 {5}	11.00	10.35	214.2E6	677.3E6	1041.481	828.369	
Sum Aroclor-1260			2031.5E6	2531.2E6	3715.880	3293.066	
Average Aroclor-1260					743.176	658.613	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

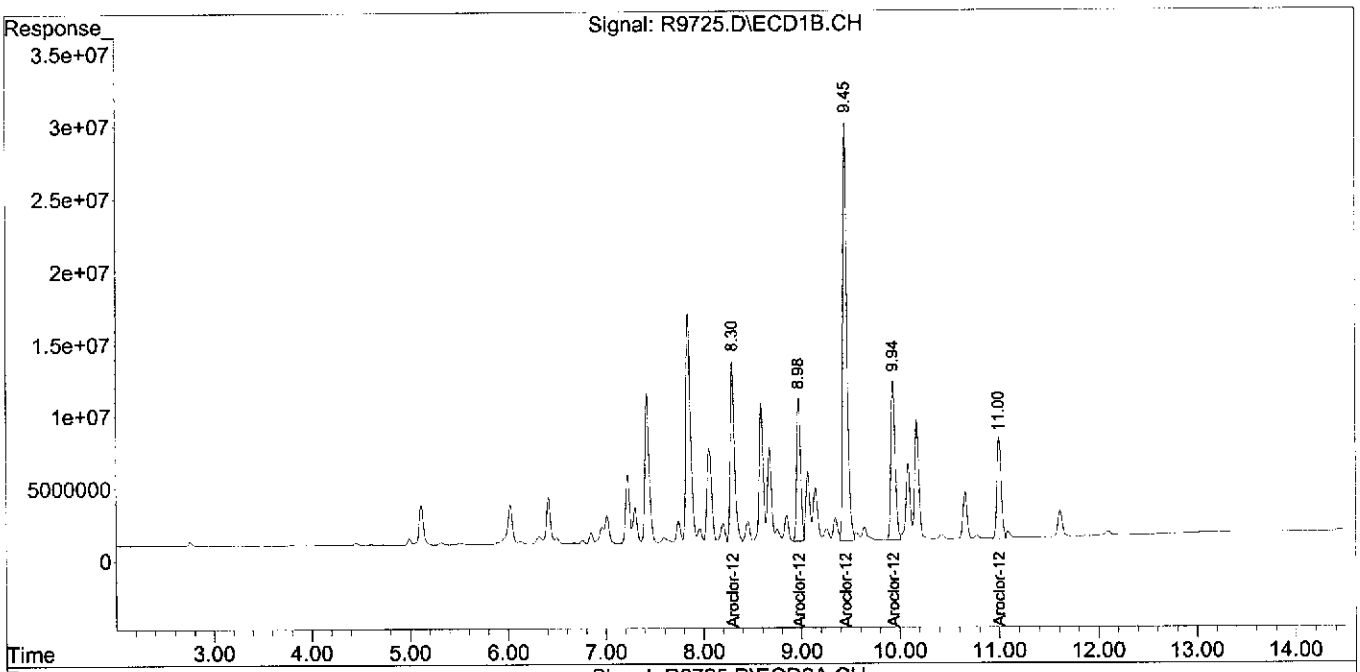
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

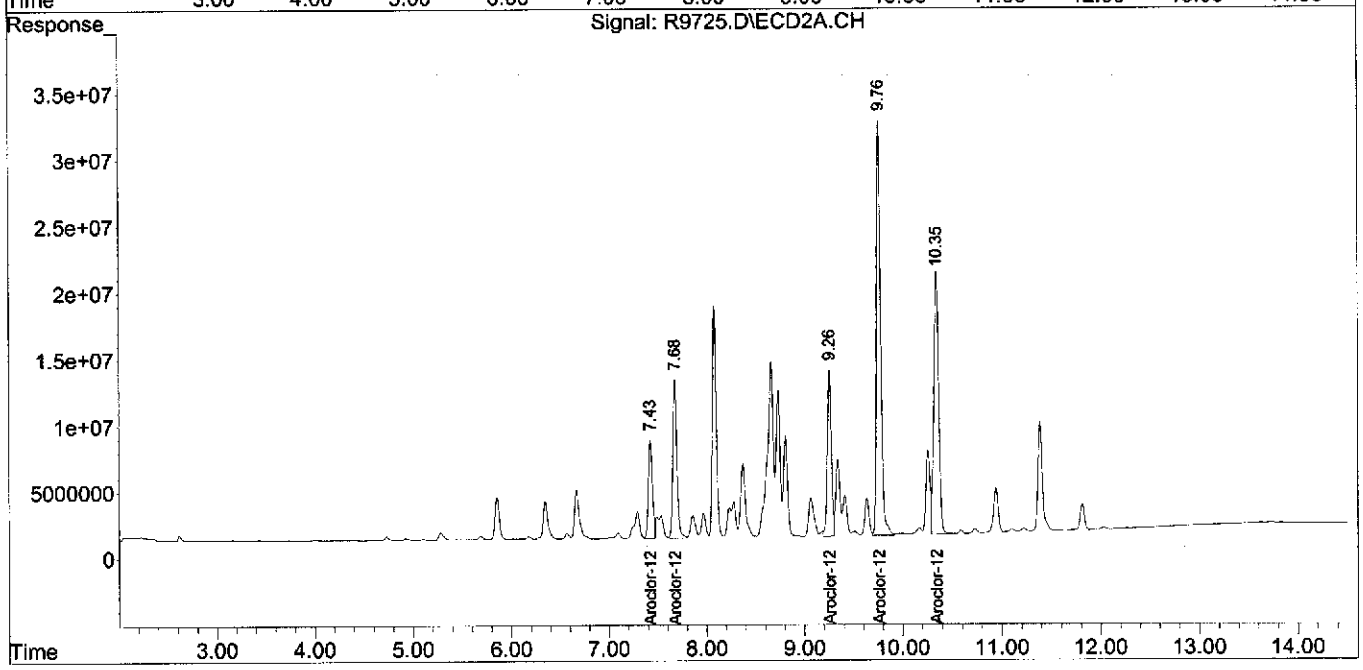
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-06-13\
Data File : R9725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 May 2013 18:44
Operator : JS
Sample : U-40S(2.0-,03804-003,S,5.02g,60.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,500
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:40:40 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 13:59
Operator : JS
Sample : U-40S(4.0-,03804-004,S,5.00g,56.3,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:34:48 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.42	229.3E6	129.2E6	267.772	284.877	
34) L8 Aroclor-1260 {2}	8.98	7.67	188.9E6	209.5E6	476.880	317.084	#
35) L8 Aroclor-1260 {3}	9.45	9.25	534.3E6	241.6E6	566.475	436.391	
36) L8 Aroclor-1260 {4}	9.94	9.76	211.0E6	613.9E6	416.430	534.742	#
37) L8 Aroclor-1260 {5}	11.00	10.34	154.5E6	419.9E6	751.483	513.487	#
Sum Aroclor-1260			1318.0E6	1614.0E6	2479.040	2086.581	
Average Aroclor-1260					495.808	417.316	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

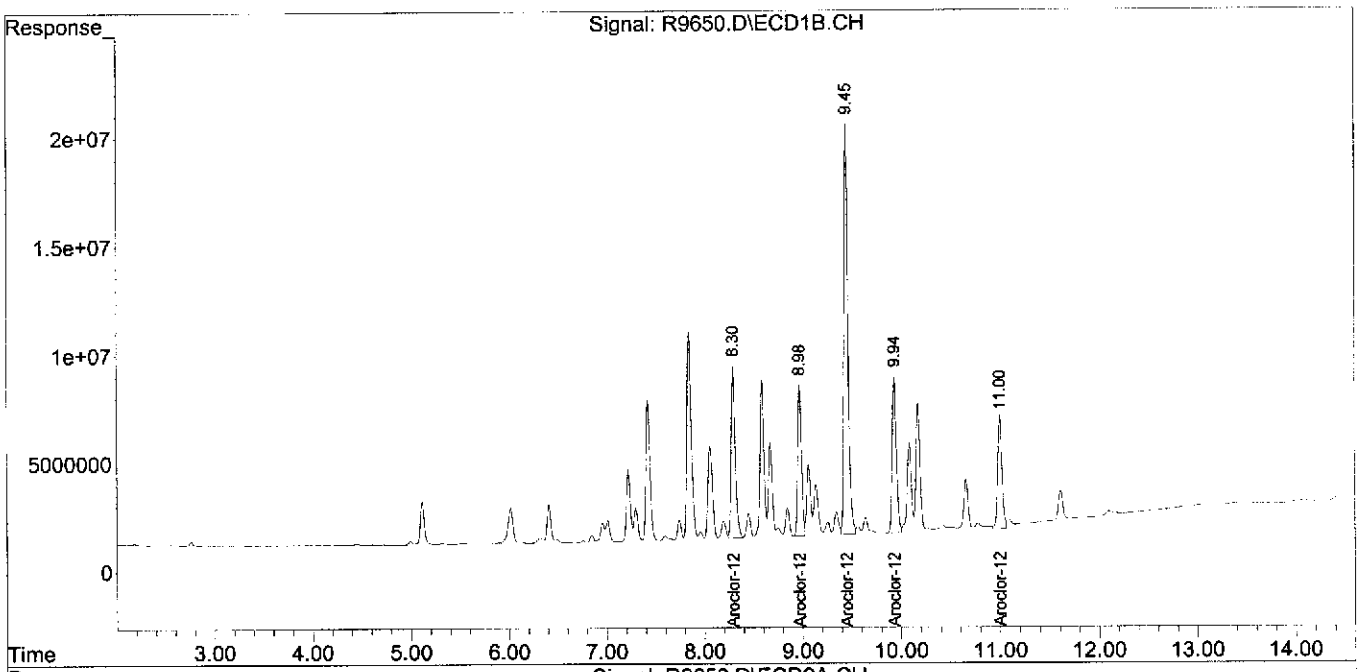
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

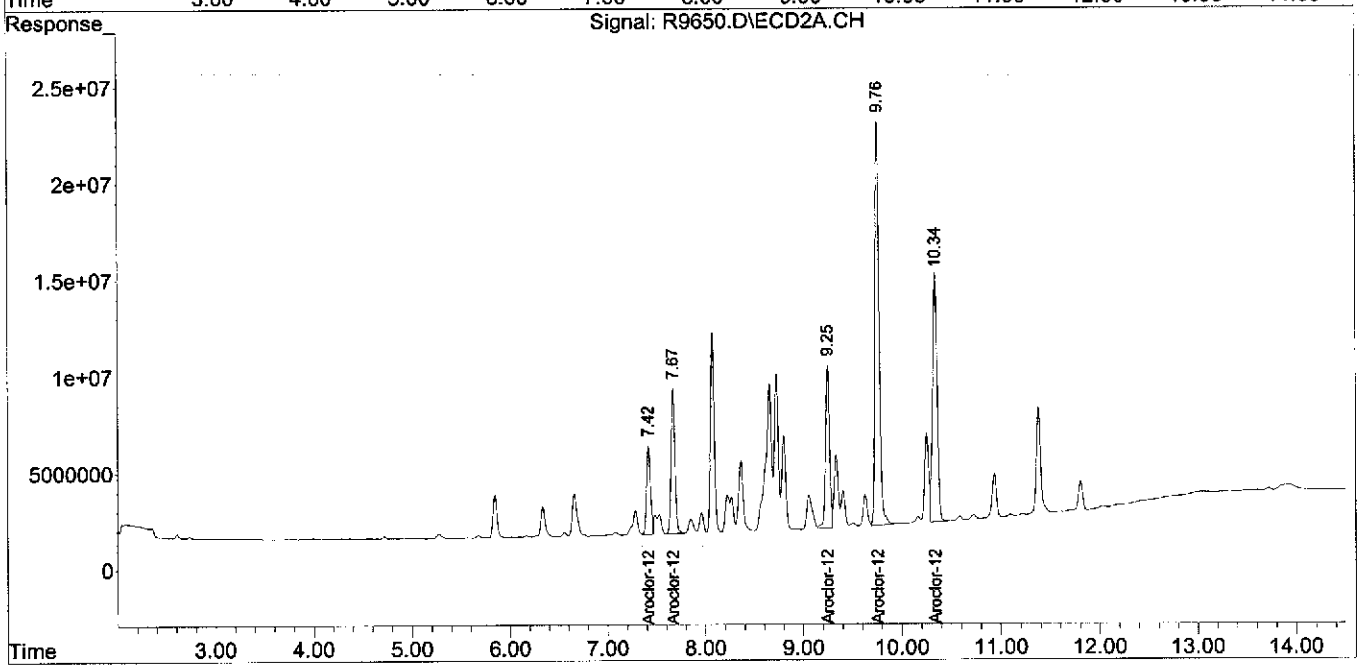
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 13:59
Operator : JS
Sample : U-40S(4.0-,03804-004,S,5.00g,56.3,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:34:48 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9651.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 14:16
Operator : JS
Sample : U-41S(2.0-,03804-005,S,5.00g,43.2,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1000
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:35:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.42	330.8E6	211.0E6	386.322	465.303	
34) L8 Aroclor-1260 {2}	8.98	7.67	278.3E6	331.5E6	702.602	501.762	#
35) L8 Aroclor-1260 {3}	9.45	9.25	793.8E6	372.6E6	841.548	672.975	
36) L8 Aroclor-1260 {4}	9.94	9.76	304.1E6	918.0E6	600.057	799.710	#
37) L8 Aroclor-1260 {5}	11.00	10.34	207.4E6	603.7E6	1008.728m	738.344	#
Sum Aroclor-1260			1914.4E6	2436.9E6	3539.256	3178.093	
Average Aroclor-1260					707.851	635.619	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

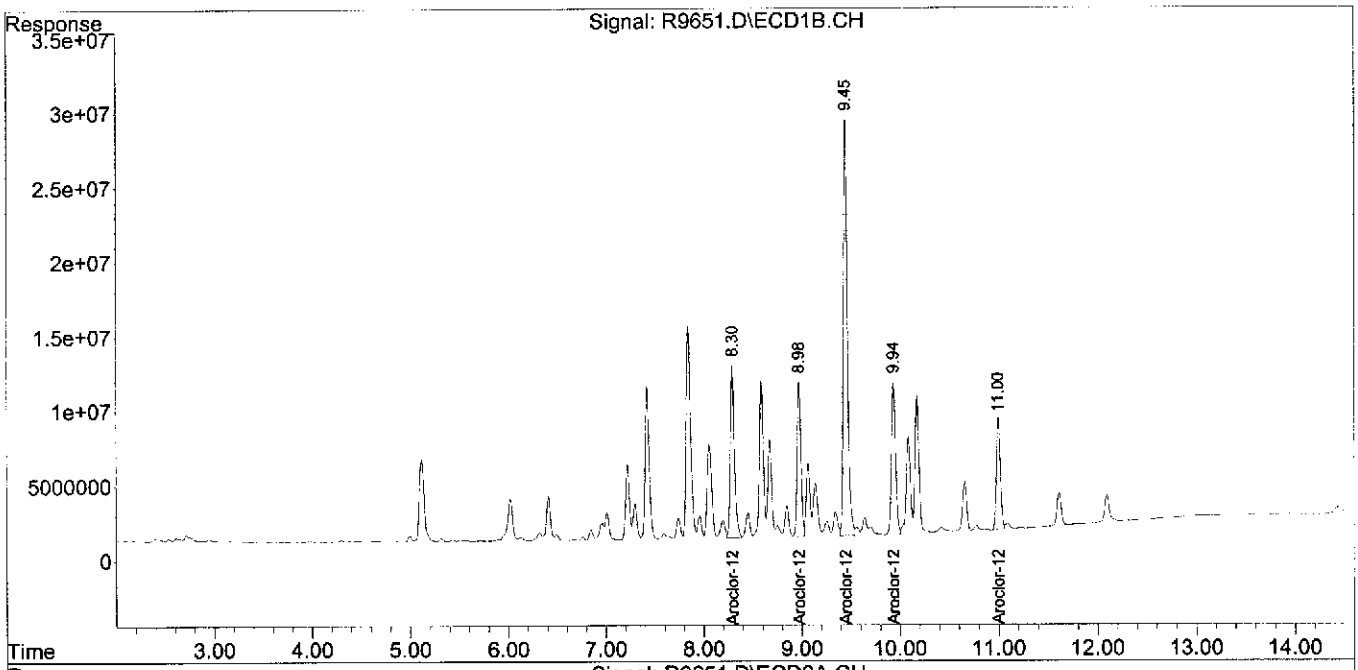
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

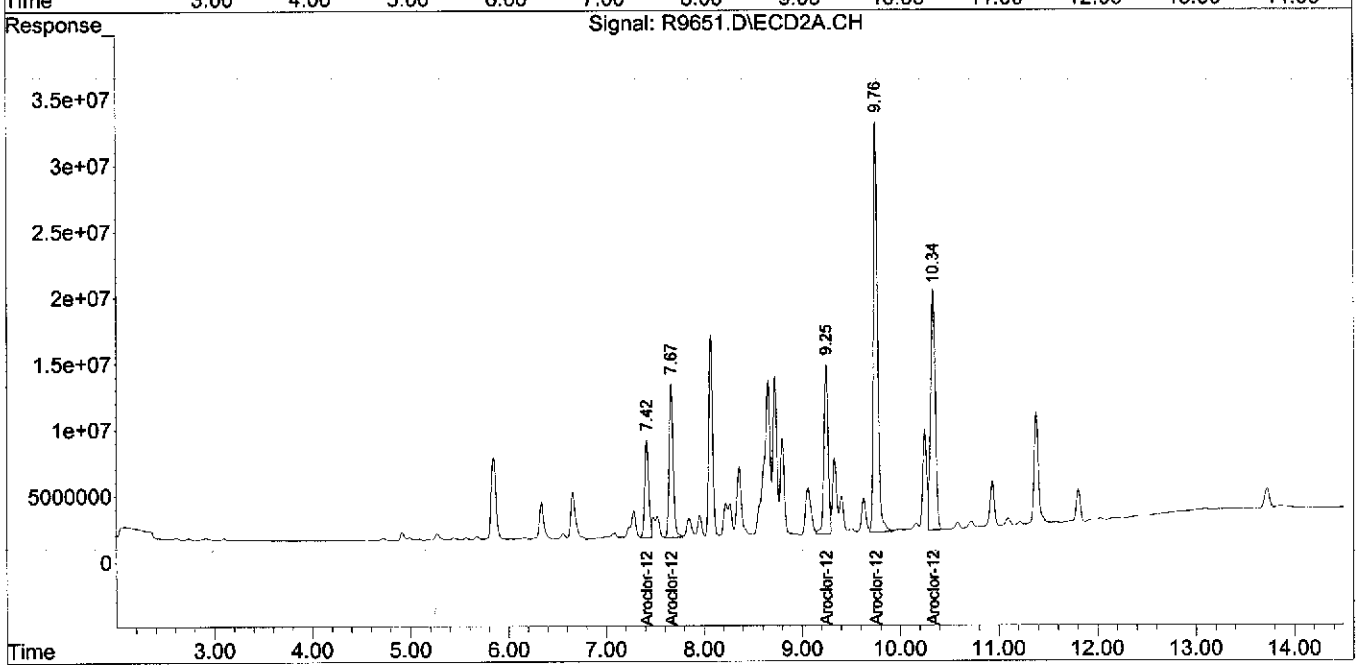
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9651.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 14:16
Operator : JS
Sample : U-41S(2.0-,03804-005,S,5.00g,43.2,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1000
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:35:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9590.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 5:39
Operator : JS
Sample : U-41S(4.0-,03804-006,S,5.01g,30.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:29:35 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	2.75	2.60	2659.2E6	3007.8E6	197.246	198.631	
Spiked Amount 200.000			Recovery	=	98.62%	99.32%	
2) S DCB	12.10	12.02	773.3E6	828.8E6	254.054	239.752	
Spiked Amount 200.000			Recovery	=	127.03%	119.88%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	140.5E6	88029668	164.034	194.091	
34) L8 Aroclor-1260 {2}	8.97	7.67	108.5E6	130.5E6	273.864	197.588	#
35) L8 Aroclor-1260 {3}	9.45	9.25	311.3E6	146.0E6	330.040	263.748	
36) L8 Aroclor-1260 {4}	9.93	9.75	118.7E6	369.5E6	234.183	321.877	#
37) L8 Aroclor-1260 {5}	11.00	10.34	96739748	269.2E6	470.412	329.188	#
Sum Aroclor-1260			775.6E6	1003.3E6	1472.532	1306.492	
Average Aroclor-1260					294.506	261.298	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

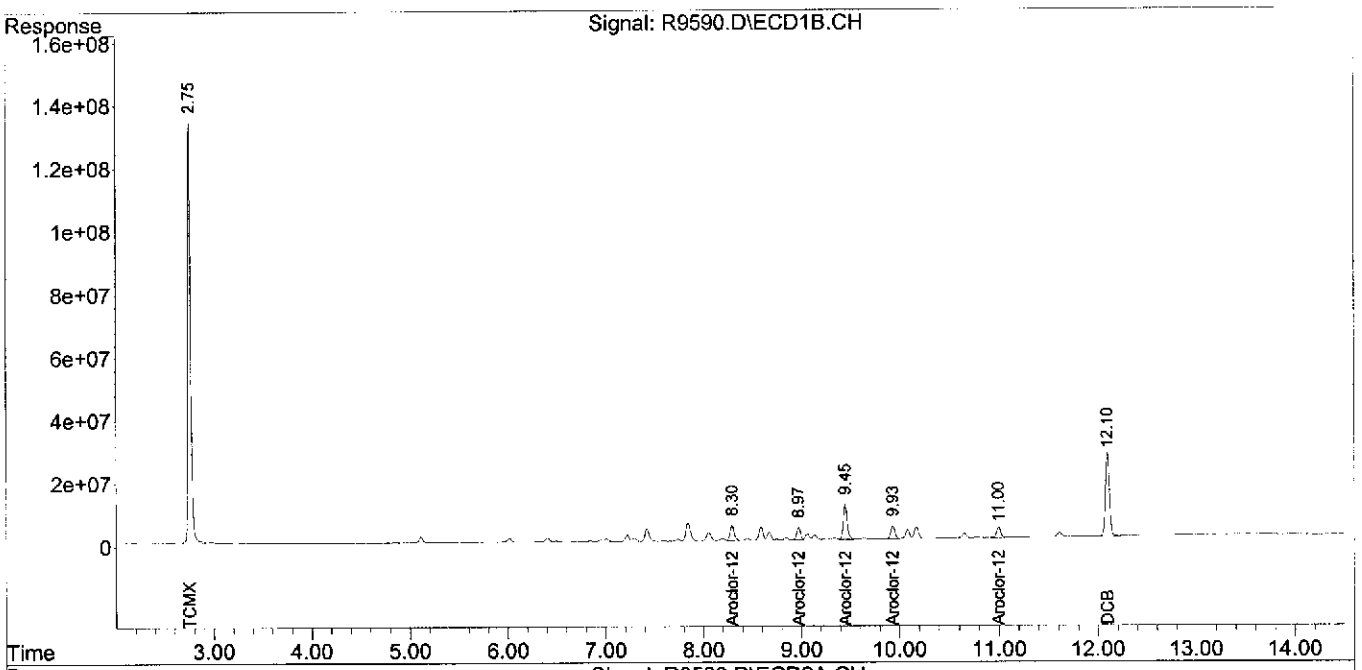
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

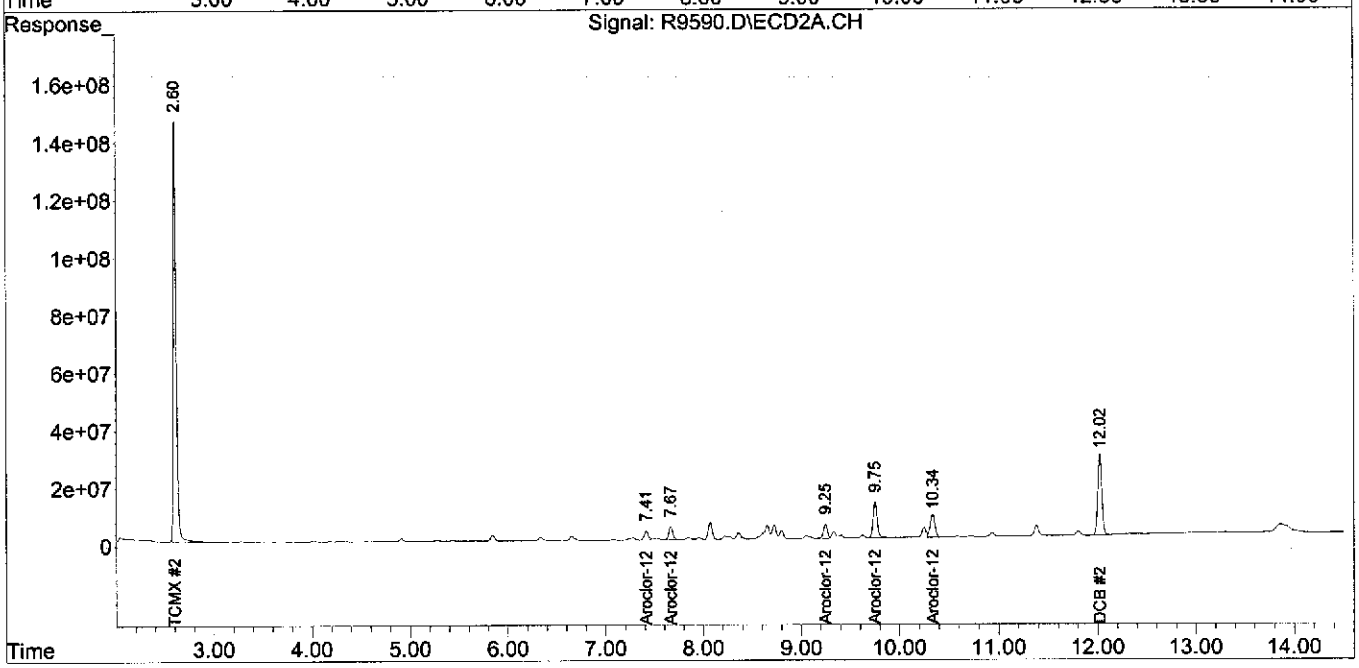
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9590.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 5:39
Operator : JS
Sample : U-41S(4.0-,03804-006,S,5.01g,30.8,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:29:35 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9652.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 14:34
Operator : JS
Sample : U-42S(0-2.,03804-007,S,5.00g,28.7,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,20
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:37:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.76	2.61	130.2E6	139.7E6	9.656	9.227
Spiked Amount 200.000			Recovery	=	4.83%	4.61%
2) S DCB	12.10	12.02	42239772	42058557	13.878m	12.167m
Spiked Amount 200.000			Recovery	=	6.94%	6.08%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	4.72	258.2E6	296.3E6	556.546	547.701
24) L6 Aroclor-1248 {2}	4.99	5.29	132.3E6	455.2E6	505.276	574.960
25) L6 Aroclor-1248 {3}	5.32	5.68	144.6E6	306.1E6	428.051	536.913 #
26) L6 Aroclor-1248 {4}	6.01	5.83	617.9E6	436.3E6	1211.655	912.797
27) L6 Aroclor-1248 {5}	6.29	6.17	441.0E6	297.0E6	1074.508	1049.408
Sum Aroclor-1248			1594.1E6	1791.0E6	3776.036	3621.778
Average Aroclor-1248					755.207	724.356
28) L7 Aroclor-1254	6.41	6.66	201.9E6	202.5E6	348.234m	276.023
29) L7 Aroclor-1254 {2}	6.85	7.24	210.0E6	345.2E6	562.078	609.404
30) L7 Aroclor-1254 {3}	7.01	7.67	363.7E6	175.4E6	539.105	469.638
31) L7 Aroclor-1254 {4}	7.45	7.84	308.9E6	270.4E6	428.512	480.723
32) L7 Aroclor-1254 {5}	8.30	8.66	106.5E6	124.2E6	170.902	168.189
Sum Aroclor-1254			1191.0E6	1117.7E6	2048.831	2003.977
Average Aroclor-1254					409.766	400.795
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9652.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 14:34
Operator : JS
Sample : U-42S(0-2.,03804-007,S,5.00g,28.7,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,20
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:37:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

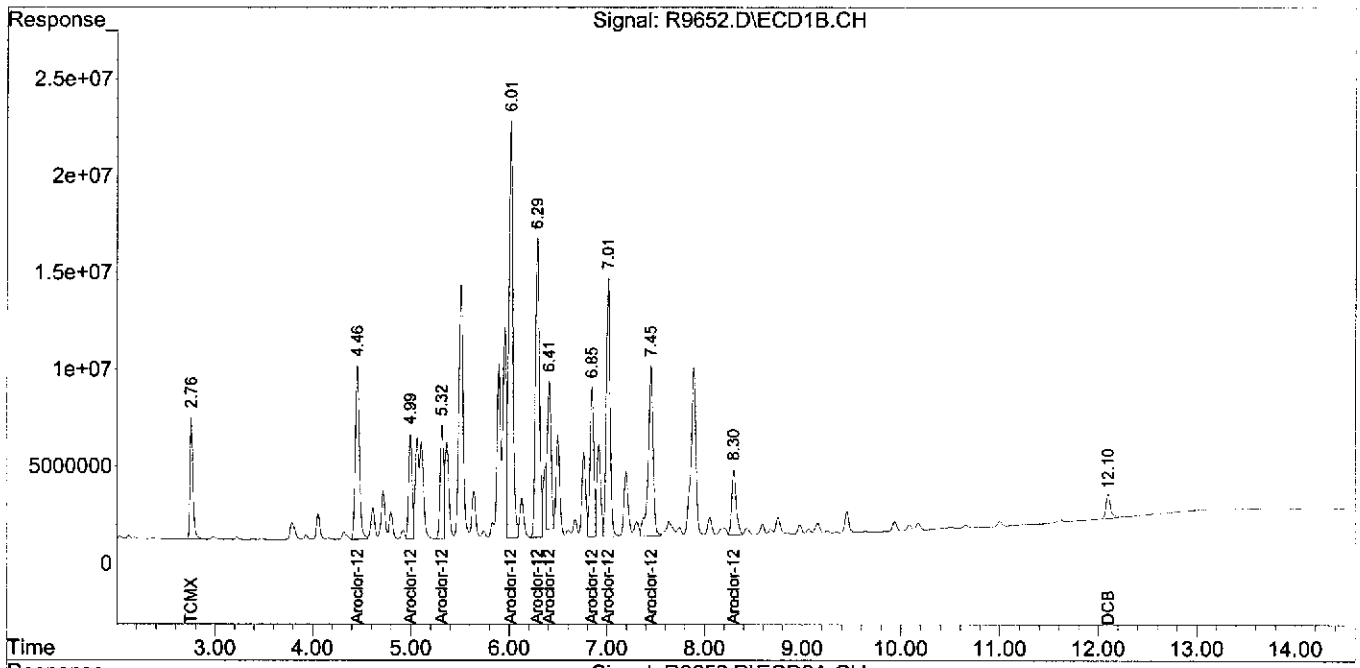
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

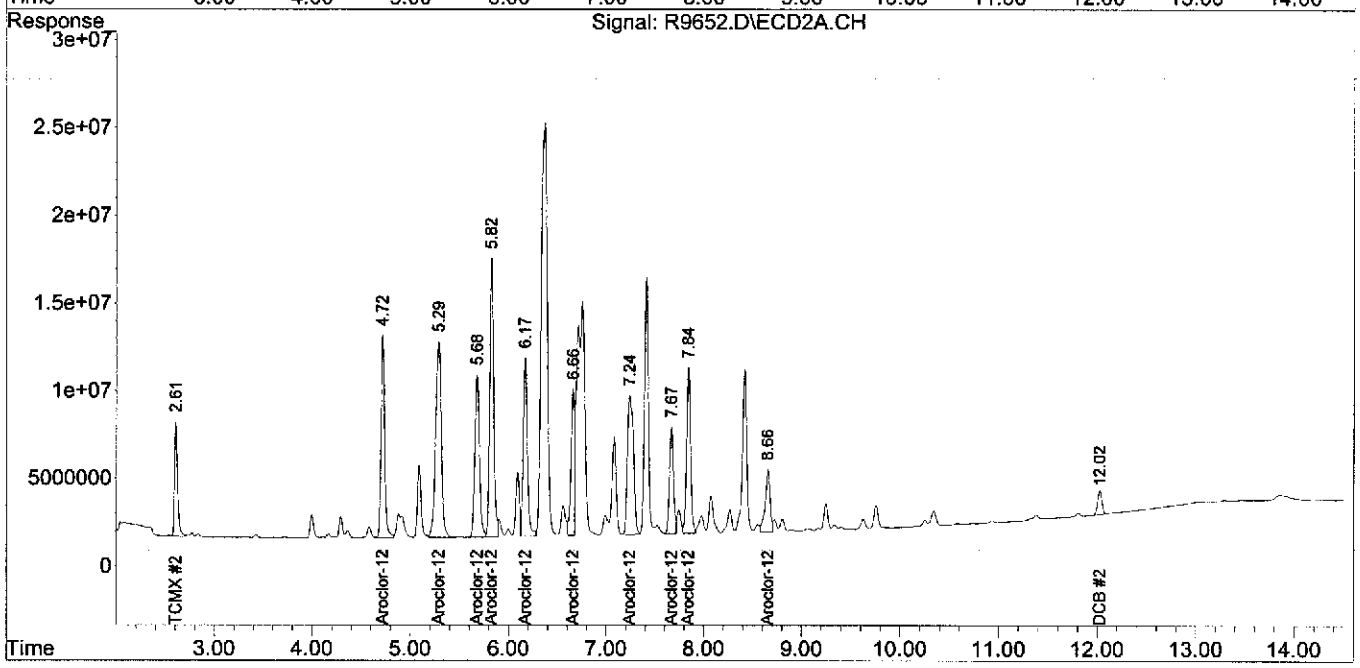
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9652.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 14:34
Operator : JS
Sample : U-42S(0-2.,03804-007,S,5.00g,28.7,04/28/13,4
Misc : 130428-07,04/25/13,04/25/13,20
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 18:37:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9656.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:19
Operator : JS
Sample : U-42S(2.0-,03804-008,S,5.01g,39.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:37:13 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.42	256.4E6	144.4E6	299.475	318.388	
34) L8 Aroclor-1260 {2}	8.98	7.67	194.7E6	216.3E6	491.657	327.365	#
35) L8 Aroclor-1260 {3}	9.45	9.25	535.7E6	253.4E6	567.962	457.651	
36) L8 Aroclor-1260 {4}	9.94	9.76	239.7E6	630.4E6	472.973	549.158	
37) L8 Aroclor-1260 {5}	11.00	10.34	156.5E6	457.1E6	760.810	559.064	#
Sum Aroclor-1260			1383.0E6	1701.6E6	2592.878	2211.626	
Average Aroclor-1260					518.576	442.325	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

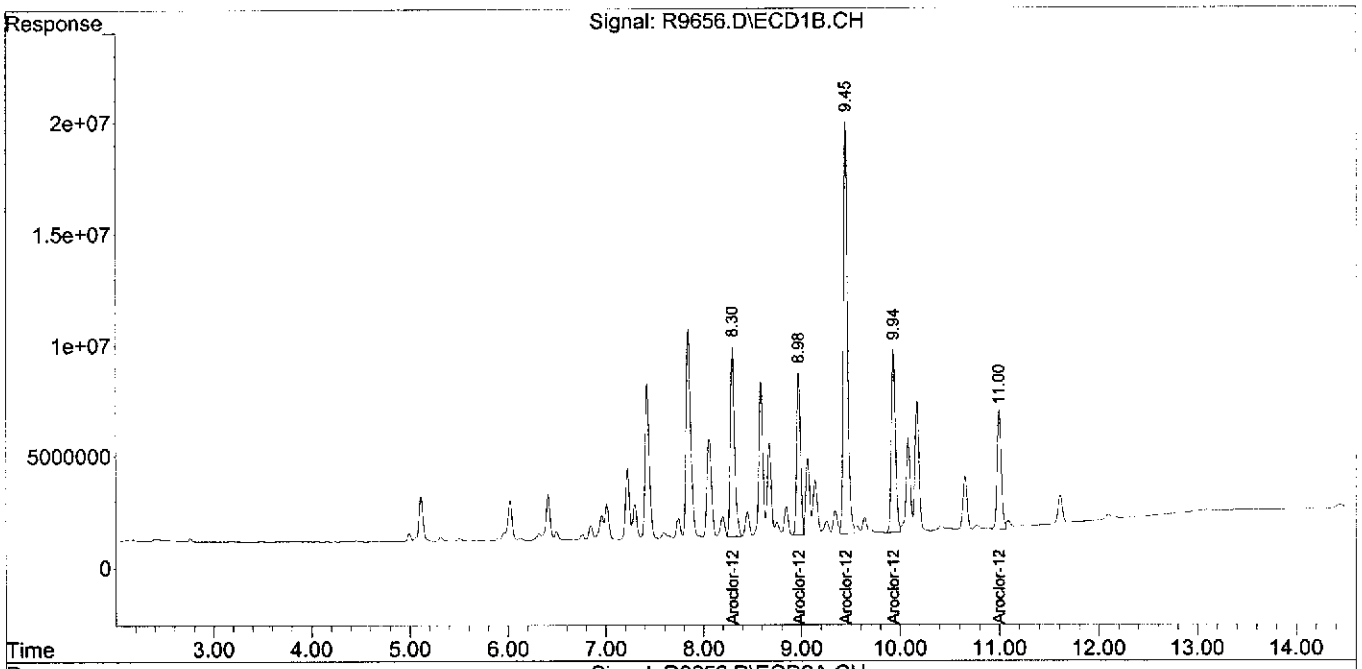
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

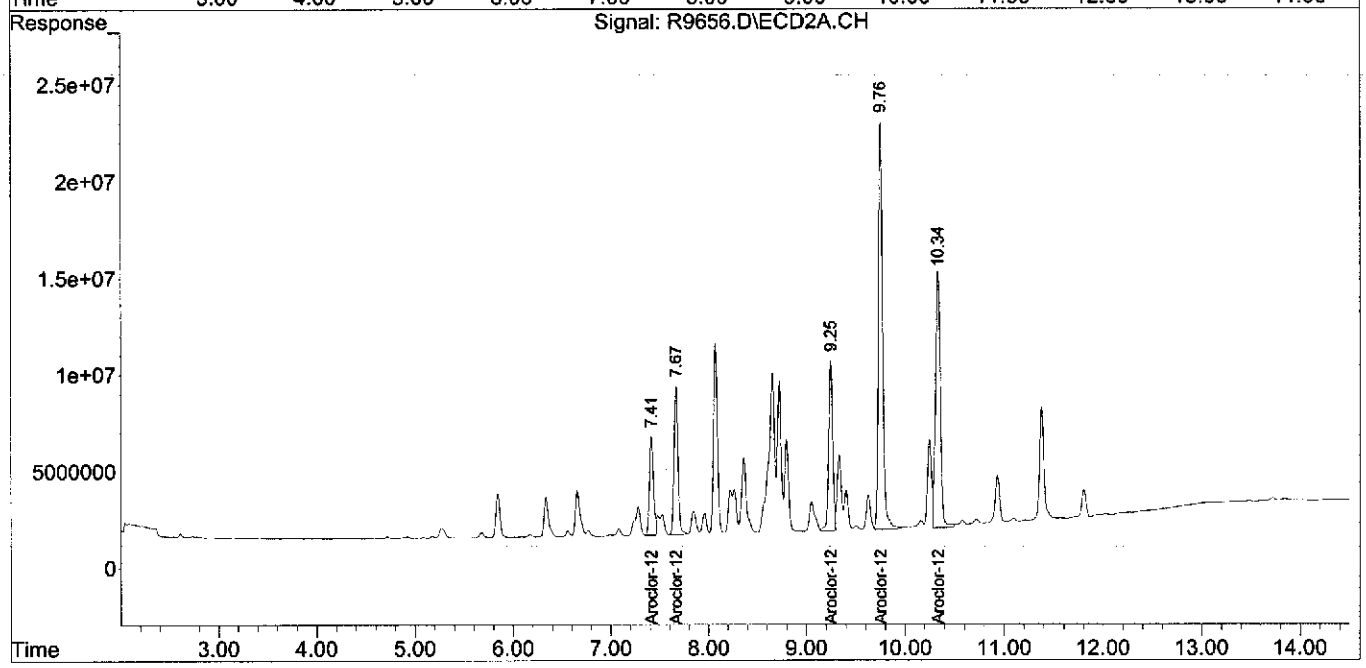
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9656.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:19
Operator : JS
Sample : U-42S(2.0-,03804-008,S,5.01g,39.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1000
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:37:13 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9599.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 9:25
Operator : JS
Sample : U-42S(4.0-,03804-009,S,5.01g,72.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:58:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	3084.3E6	3493.6E6	228.781	230.713
Spiked Amount 200.000			Recovery	=	114.39%	115.36%
2) S DCB	12.10	12.02	908.0E6	1022.4E6	298.310m	295.748m
Spiked Amount 200.000			Recovery	=	149.16%	147.87%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.41	46708746	30222067	54.552	66.635
34) L8 Aroclor-1260 {2}	8.97	7.67	27285491	34622193	68.890	52.410
35) L8 Aroclor-1260 {3}	9.45	9.25	68970930	31559676	73.121	56.999
36) L8 Aroclor-1260 {4}	9.93	9.75	27506269	78446548	54.282m	68.335 #
37) L8 Aroclor-1260 {5}	11.00	10.34	15005767	55625409	72.968m	68.028
Sum Aroclor-1260			185.5E6	230.5E6	323.813	312.408
Average Aroclor-1260					64.763	62.482
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

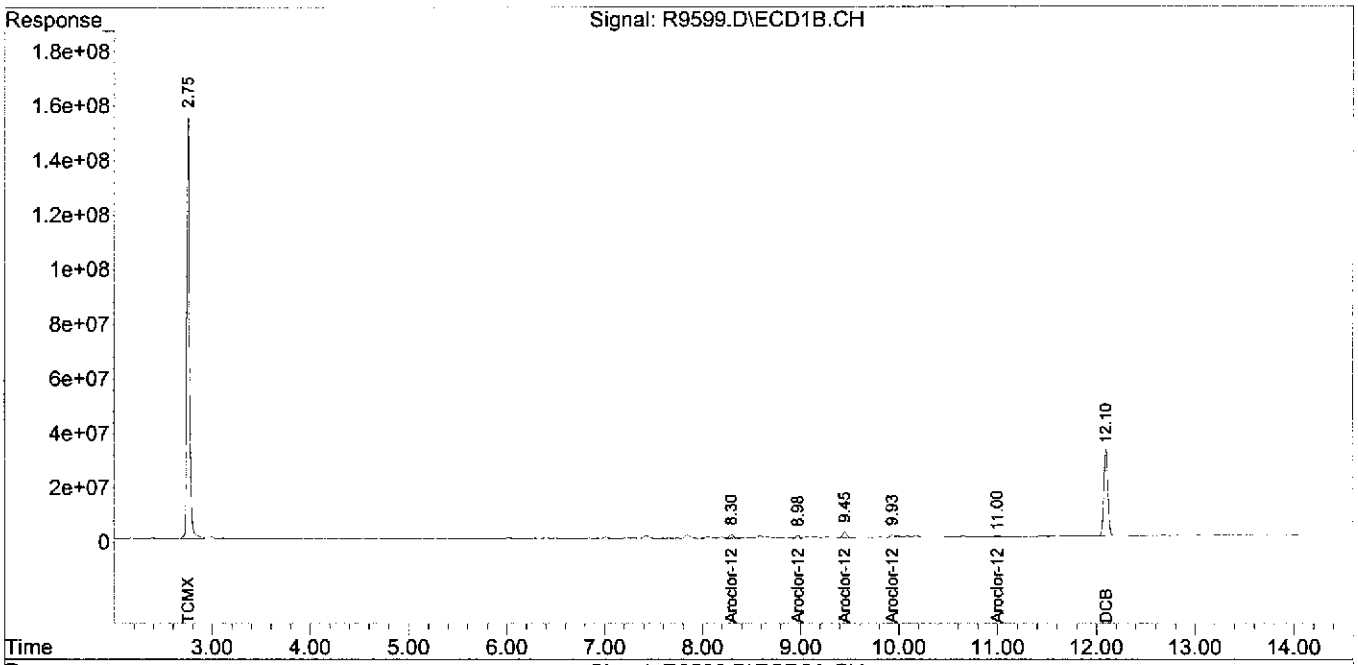
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

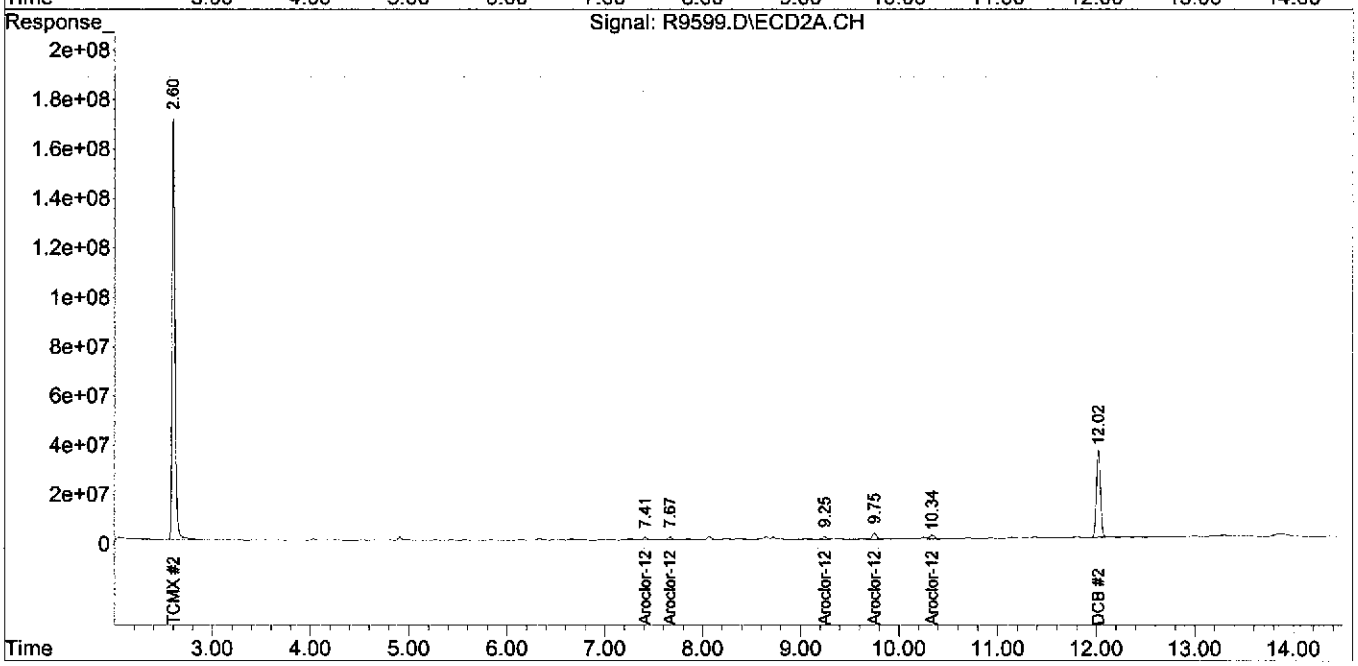
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9599.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 9:25
Operator : JS
Sample : U-42S(4.0-,03804-009,S,5.01g,72.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:58:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9657.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:36
Operator : JS
Sample : U-43S(2.0-,03804-010,S,5.02g,37.6,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,2
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 15:15:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.76	2.60	1517.0E6	1701.7E6	112.526	112.378
Spiked Amount 200.000			Recovery	=	56.26%	56.19%
2) S DCB	12.10	12.02	424.0E6	472.0E6	139.321m	136.530m
Spiked Amount 200.000			Recovery	=	69.66%	68.27%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	4.72	298.9E6	323.1E6	644.215	597.192
24) L6 Aroclor-1248 {2}	4.99	5.28	361.8E6	974.3E6	1381.788	1230.506
25) L6 Aroclor-1248 {3}	5.32	5.68	453.3E6	707.7E6	1341.660	1241.301
26) L6 Aroclor-1248 {4}	6.01	5.82	770.5E6	428.1E6	1510.984	895.743 #
27) L6 Aroclor-1248 {5}	6.28	6.17	437.2E6	226.5E6	1065.157	800.126
Sum Aroclor-1248			2321.7E6	2659.7E6	5943.803	4764.868
Average Aroclor-1248					1188.761	952.974
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	301.9E6	0	352.634	N.D. d#
34) L8 Aroclor-1260 {2}	8.98	7.67	83831988	300.7E6	211.659	455.219 #
35) L8 Aroclor-1260 {3}	9.45	9.25	220.3E6	148.0E6	233.508	267.263
36) L8 Aroclor-1260 {4}	9.94	9.76	94343044	263.8E6	186.181	229.773
37) L8 Aroclor-1260 {5}	11.00	10.34	71531033	196.3E6	347.830	240.061 #
Sum Aroclor-1260			771.9E6	908.8E6	1331.813	1192.317
Average Aroclor-1260					266.363	298.079
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9657.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:36
Operator : JS
Sample : U-43S(2.0-,03804-010,S,5.02g,37.6,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,2
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 15:15:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

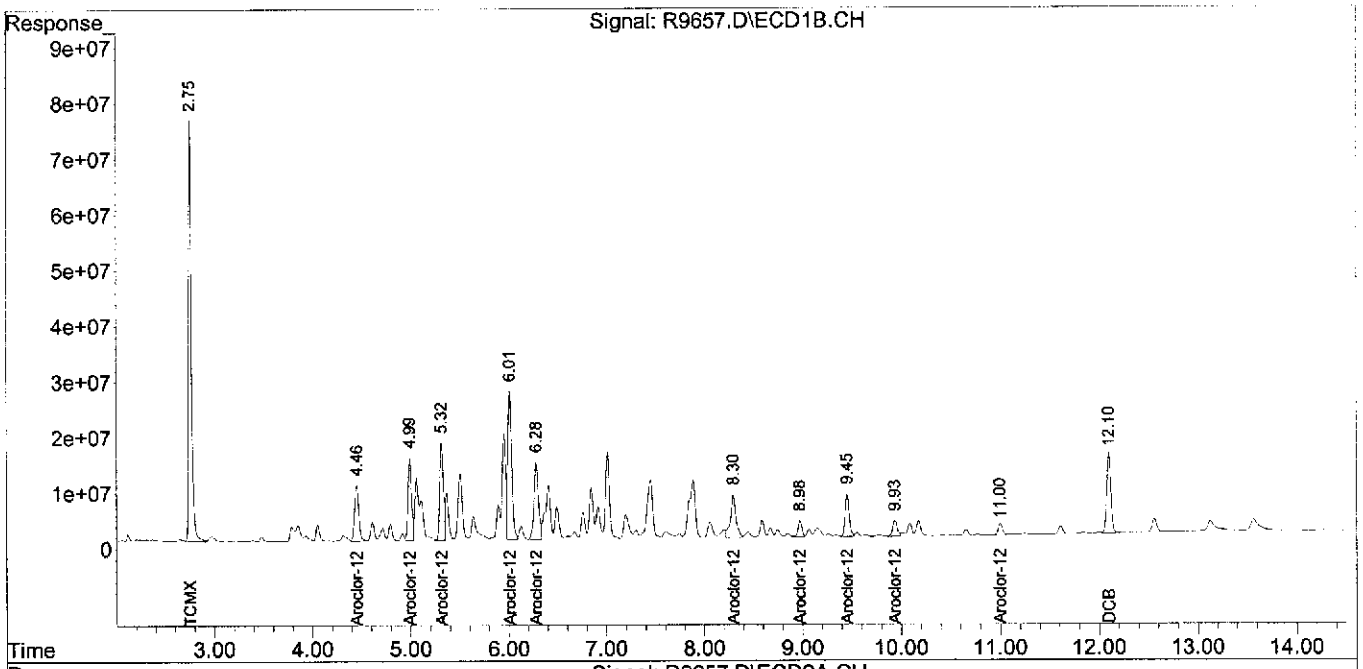
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

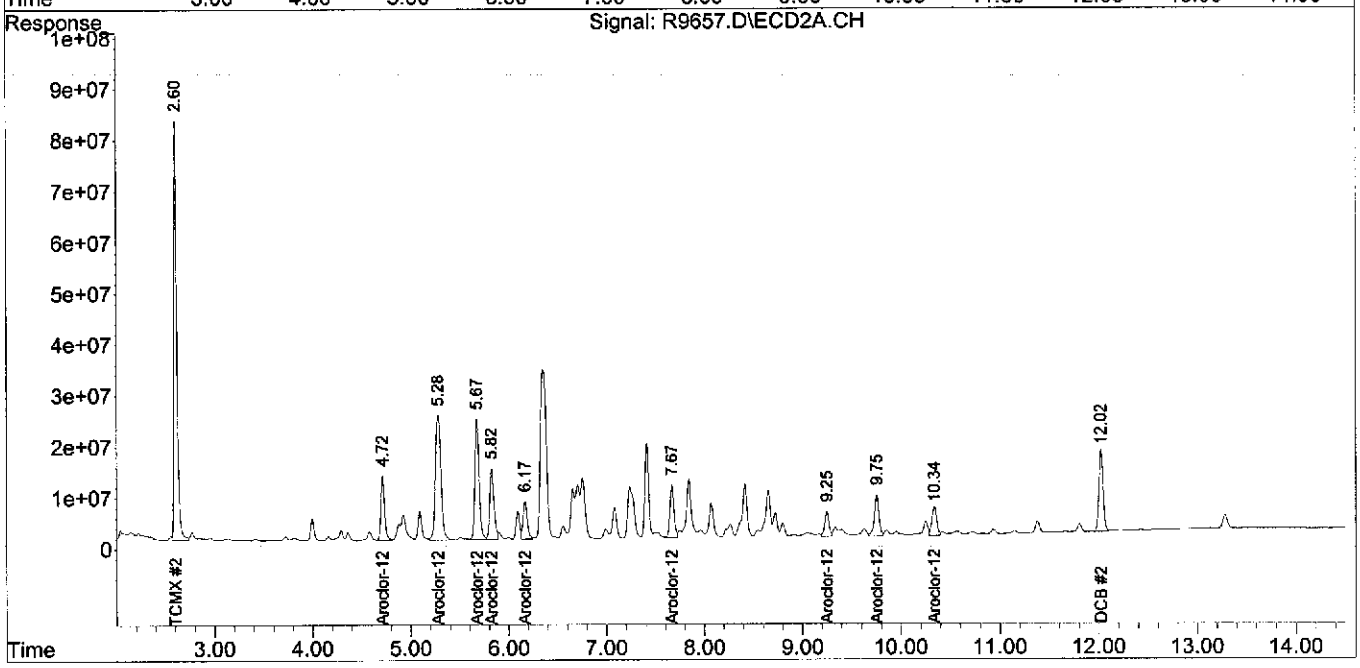
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9657.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:36
Operator : JS
Sample : U-43S(2.0-,03804-010,S,5.02g,37.6,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,2
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 15:15:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9601.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:00
Operator : JS
Sample : U-43S(4.0-,03804-011,S,5.00g,79.3,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:59:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	3312.4E6	3761.3E6	245.698	248.392
Spiked Amount 200.000			Recovery	=	122.85%	124.20%
2) S DCB	12.10	12.02	913.6E6	1027.7E6	300.178m	297.301m
Spiked Amount 200.000			Recovery	=	150.09%	148.65%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.41	32656701	20424214	38.140	45.032
34) L8 Aroclor-1260 {2}	8.98	7.67	11574772	22931314	29.224m	34.713
35) L8 Aroclor-1260 {3}	9.45	9.25	32995939	16538616	34.981m	29.870m
36) L8 Aroclor-1260 {4}	9.93	9.75	16616436	36754189	32.792m	32.017m
37) L8 Aroclor-1260 {5}	11.00	10.34	7649767	32347232	37.198m	39.560m
Sum Aroclor-1260			101.5E6	129.0E6	172.335	181.192
Average Aroclor-1260					34.467	36.238
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

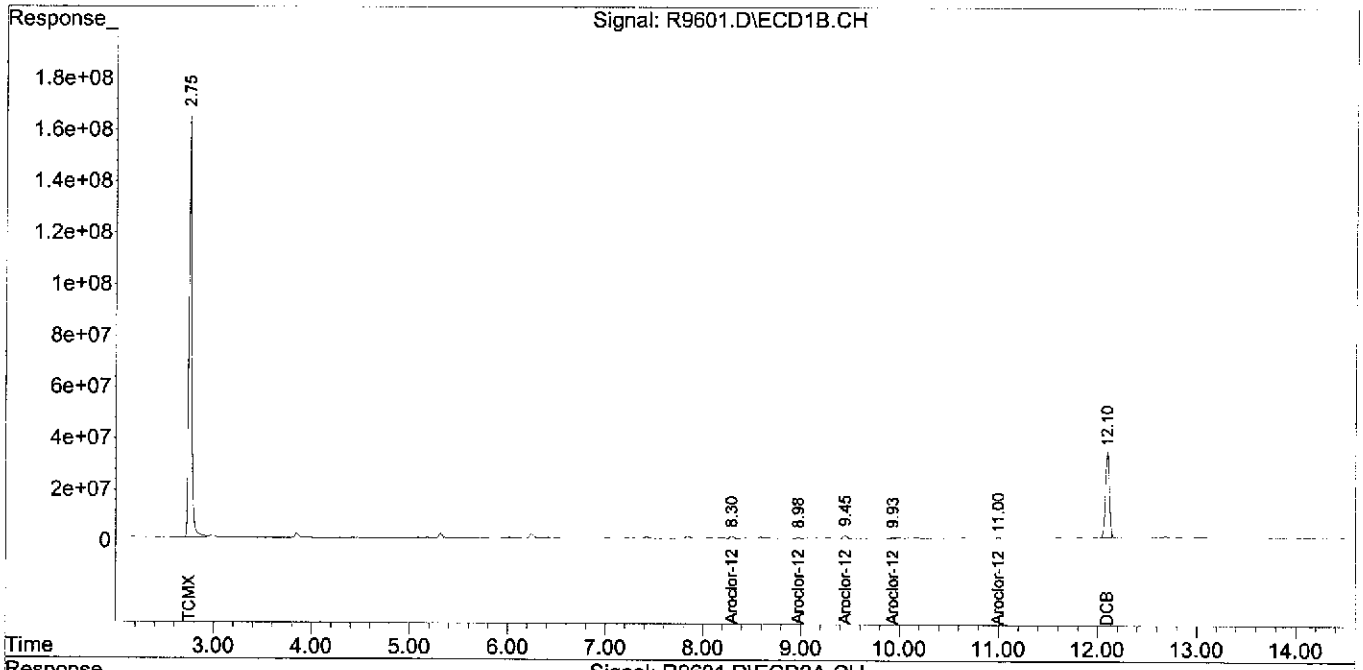
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

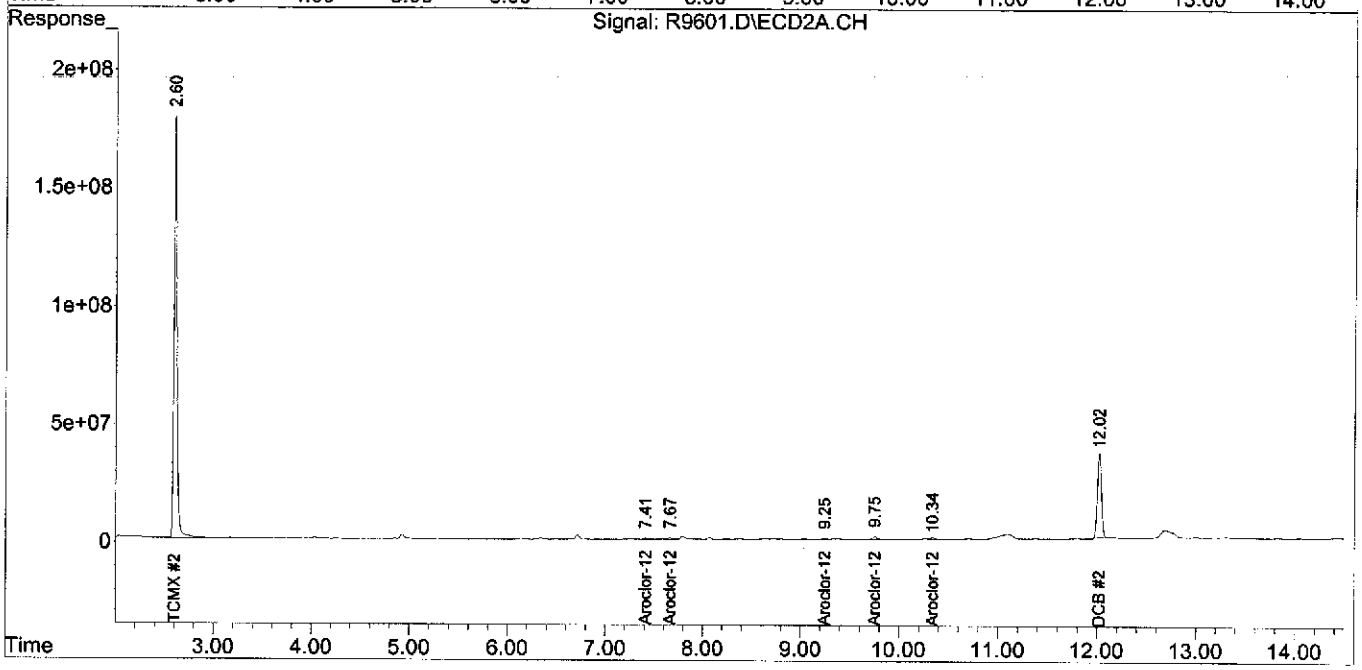
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9601.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:00
Operator : JS
Sample : U-43S(4.0-,03804-011,S,5.00g,79.3,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:59:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9602.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:18
Operator : JS
Sample : U-43S(5.5-,03804-012,S,5.00g,22.9,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:03:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2507.5E6	2785.7E6	185.996	183.961
Spiked Amount 200.000			Recovery	=	93.00%	91.98%
2) S DCB	12.10	12.02	686.2E6	771.4E6	225.463	223.151
Spiked Amount 200.000			Recovery	=	112.73%	111.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

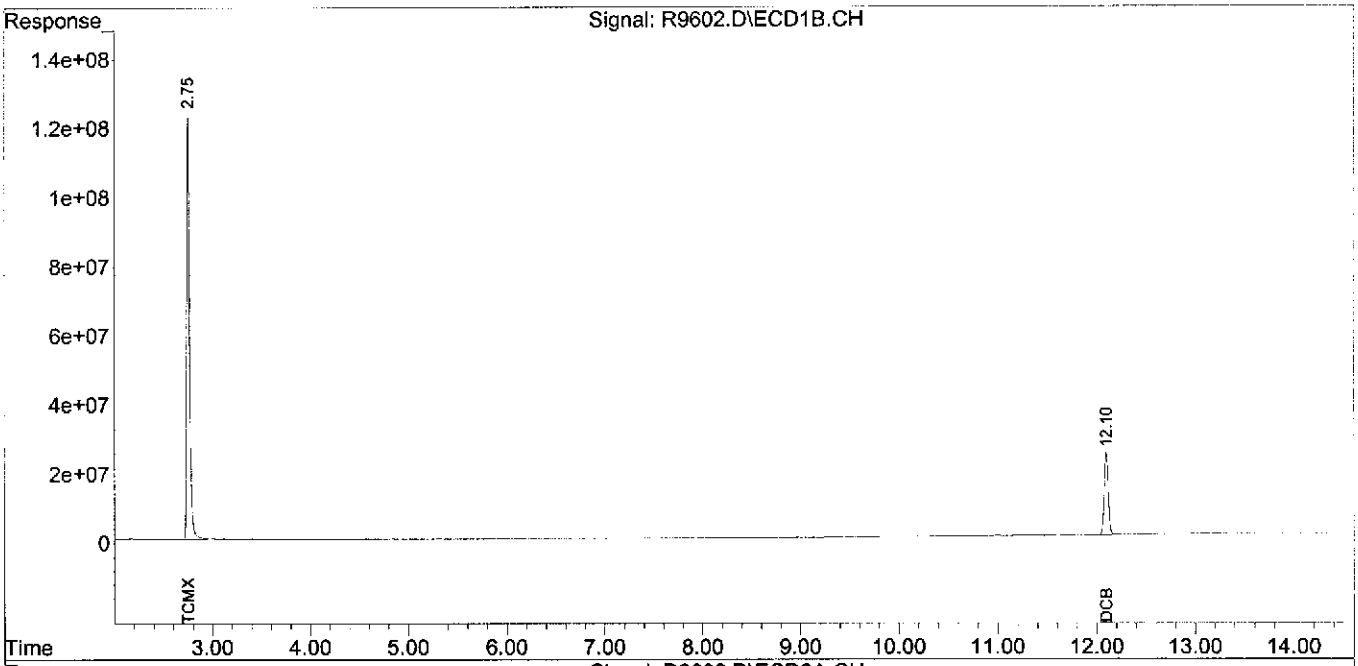
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

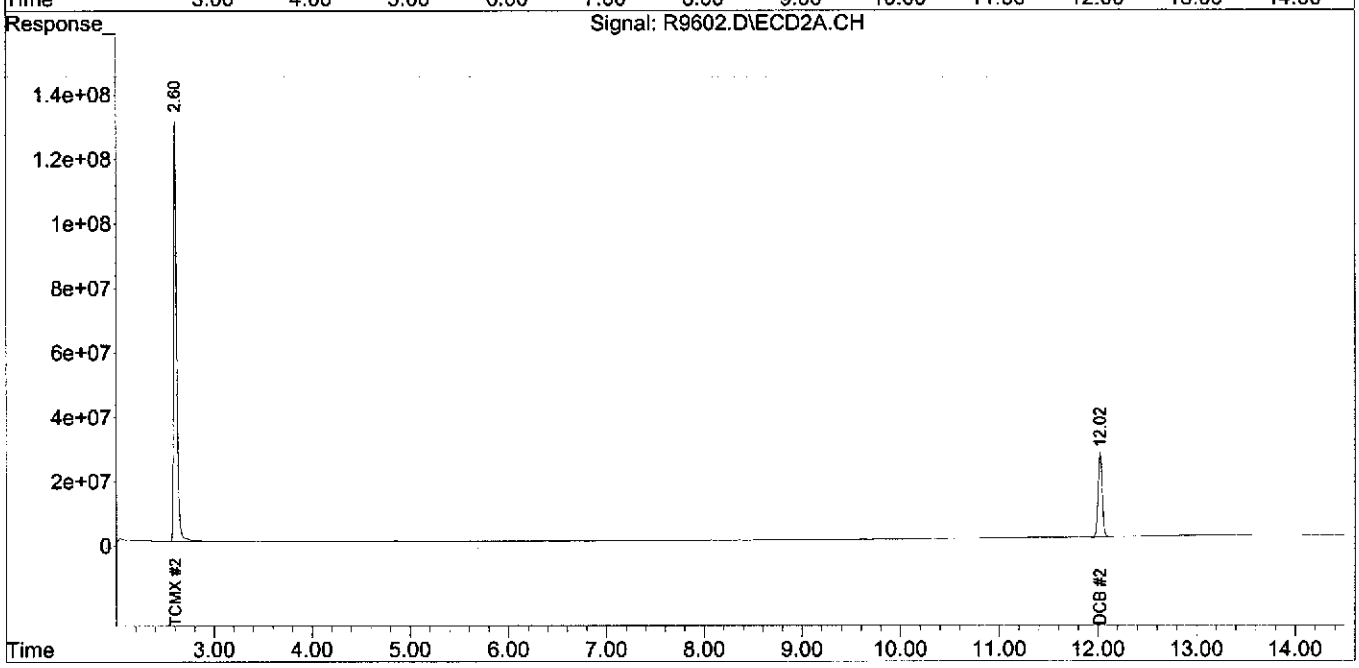
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9602.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:18
Operator : JS
Sample : U-43S(5.5-,03804-012,S,5.00g,22.9,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:03:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9603.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:35
Operator : JS
Sample : U-43W(0-2.,03804-013,S,5.01g,21.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:06:44 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	4.46	4.72	229.5E6	262.5E6	494.568	485.233	
24) L6 Aroclor-1248 {2}	4.99	5.29	184.3E6	588.4E6	703.824	743.127	
25) L6 Aroclor-1248 {3}	5.31	5.68	197.1E6	399.3E6	583.312	700.282	
26) L6 Aroclor-1248 {4}	6.01	5.82	809.1E6	511.3E6	1586.547	1069.741	#
27) L6 Aroclor-1248 {5}	6.28	6.17	517.5E6	323.6E6	1260.973	1143.224	
Sum Aroclor-1248			1937.5E6	2085.1E6	4629.223	4141.607	
Average Aroclor-1248					925.845	828.321	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	1021.3E6	869.0E6	1192.768	1916.098	#
34) L8 Aroclor-1260 {2}	8.98	7.67	565.8E6	811.4E6	1428.612	1228.248	
35) L8 Aroclor-1260 {3}	9.45	9.25	1616.2E6	731.1E6	1713.404	1320.410	
36) L8 Aroclor-1260 {4}	9.93	9.75	724.8E6	1844.8E6	1430.377	1607.020	
37) L8 Aroclor-1260 {5}	11.00	10.34	451.9E6	1347.7E6	2197.639	1648.223	#
Sum Aroclor-1260			4380.0E6	5604.0E6	7962.801	7720.000	
Average Aroclor-1260					1592.560	1544.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

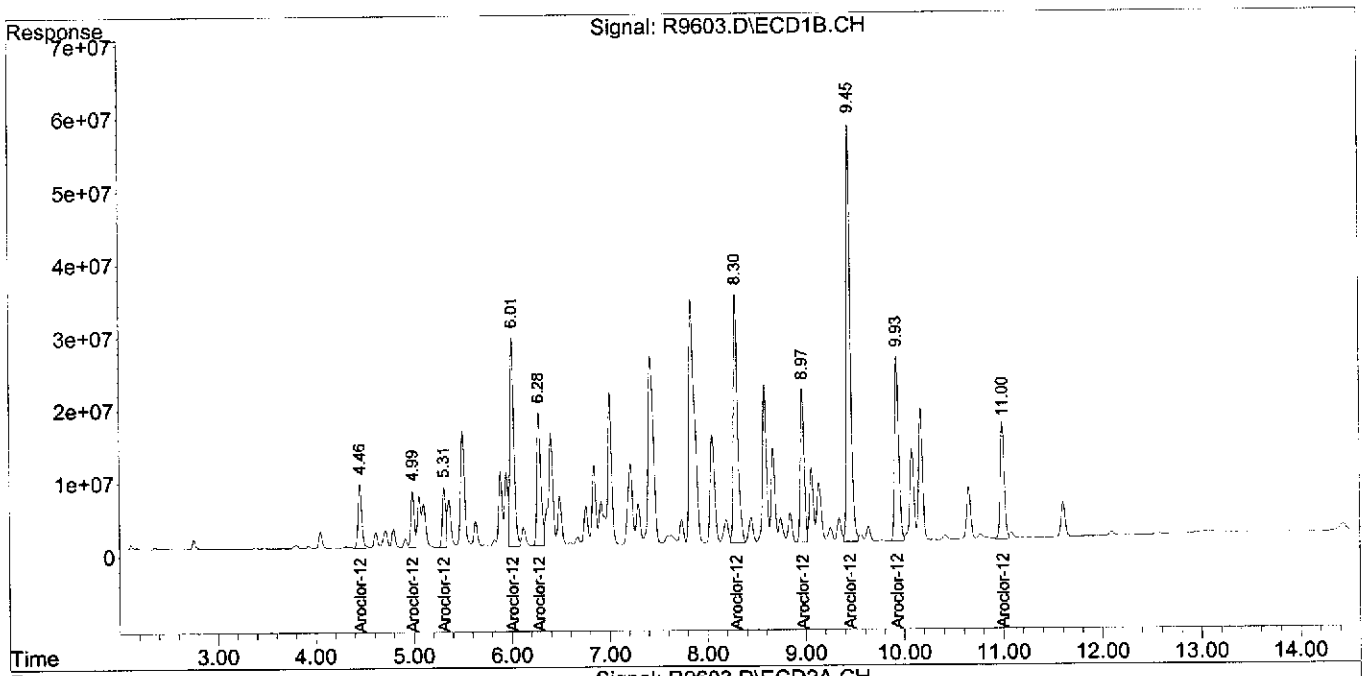
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

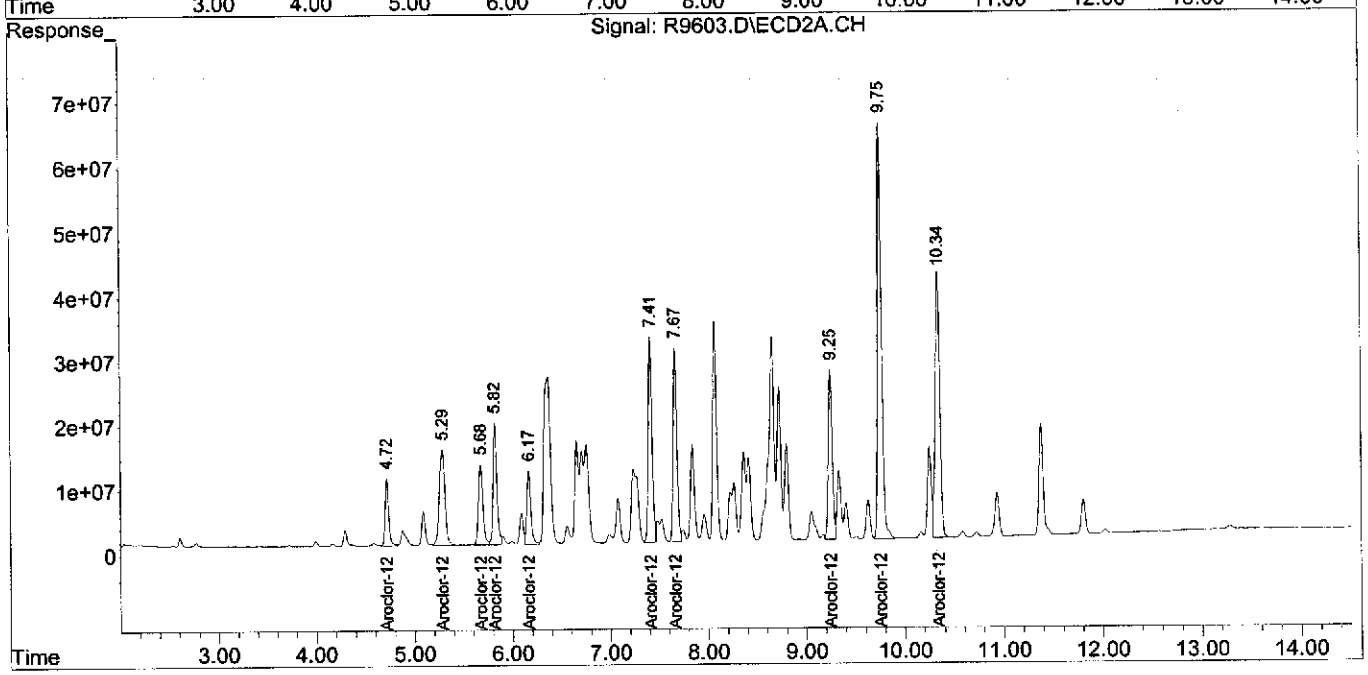
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9603.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:35
Operator : JS
Sample : U-43W(0-2.,03804-013,S,5.01g,21.5,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:06:44 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:53
Operator : JS
Sample : U-43W(2.0-,03804-014,S,5.01g,48.9,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:10:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2846.4E6	3117.0E6	211.137	205.844
Spiked Amount 200.000			Recovery	=	105.57%	102.92%
2) S DCB	12.10	12.02	859.8E6	907.7E6	282.479	262.569
Spiked Amount 200.000			Recovery	=	141.24%	131.28%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	4.72	124.1E6	138.3E6	267.383	255.594
24) L6 Aroclor-1248 {2}	4.99	5.28	420.2E6	1150.3E6	1604.896	1452.876
25) L6 Aroclor-1248 {3}	5.31	5.67	441.5E6	736.6E6	1306.770	1291.986
26) L6 Aroclor-1248 {4}	6.01	5.82	643.2E6	462.5E6	1261.353	967.605
27) L6 Aroclor-1248 {5}	6.28	6.17	251.5E6	111.3E6	612.846	393.285 #
Sum Aroclor-1248			1880.5E6	2599.0E6	5053.247	4361.346
Average Aroclor-1248					1010.649	872.269
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	431.1E6	0	503.455	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	7.67	196.7E6	454.8E6	496.638	688.404 #
35) L8 Aroclor-1260 {3}	9.45	9.25	461.9E6	274.1E6	489.724	494.992
36) L8 Aroclor-1260 {4}	9.93	9.75	207.2E6	538.1E6	408.971	468.776
37) L8 Aroclor-1260 {5}	11.00	10.34	115.7E6	378.2E6	562.549	462.556
Sum Aroclor-1260			1412.6E6	1645.2E6	2461.338	2114.729
Average Aroclor-1260					492.268	528.682
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:53
Operator : JS
Sample : U-43W(2.0-,03804-014,S,5.01g,48.9,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:10:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

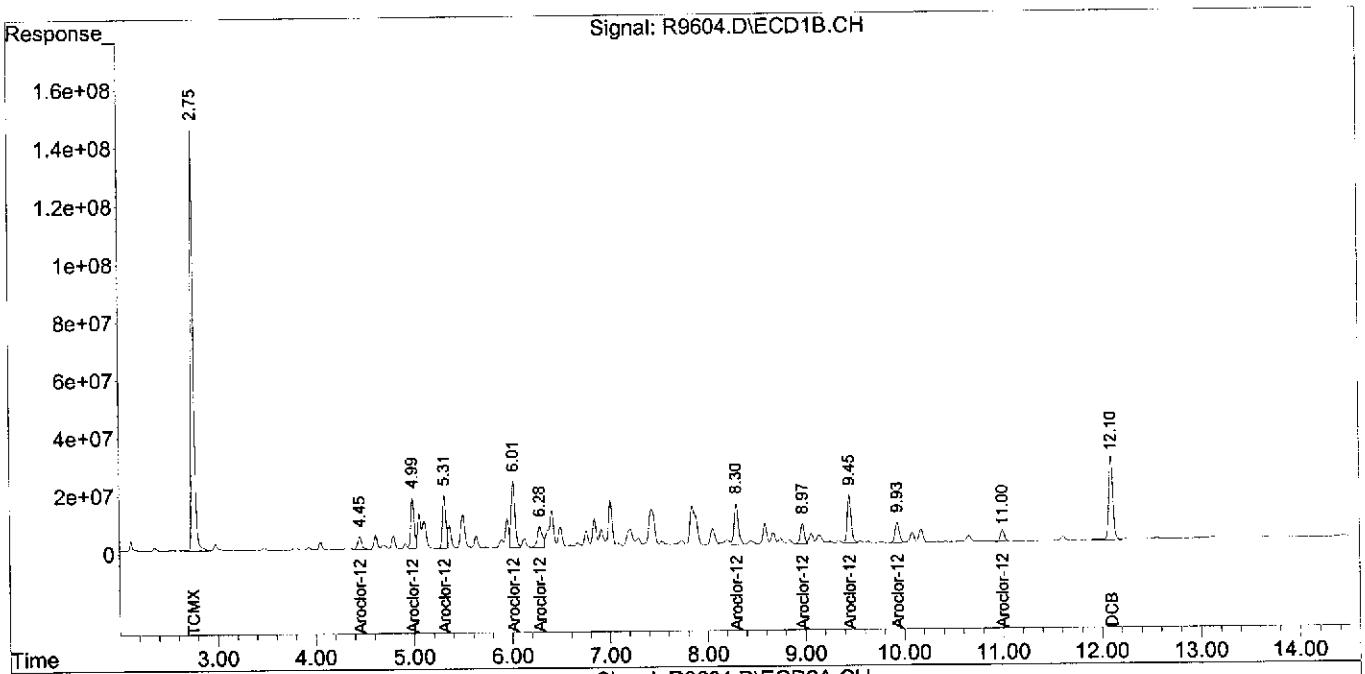
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

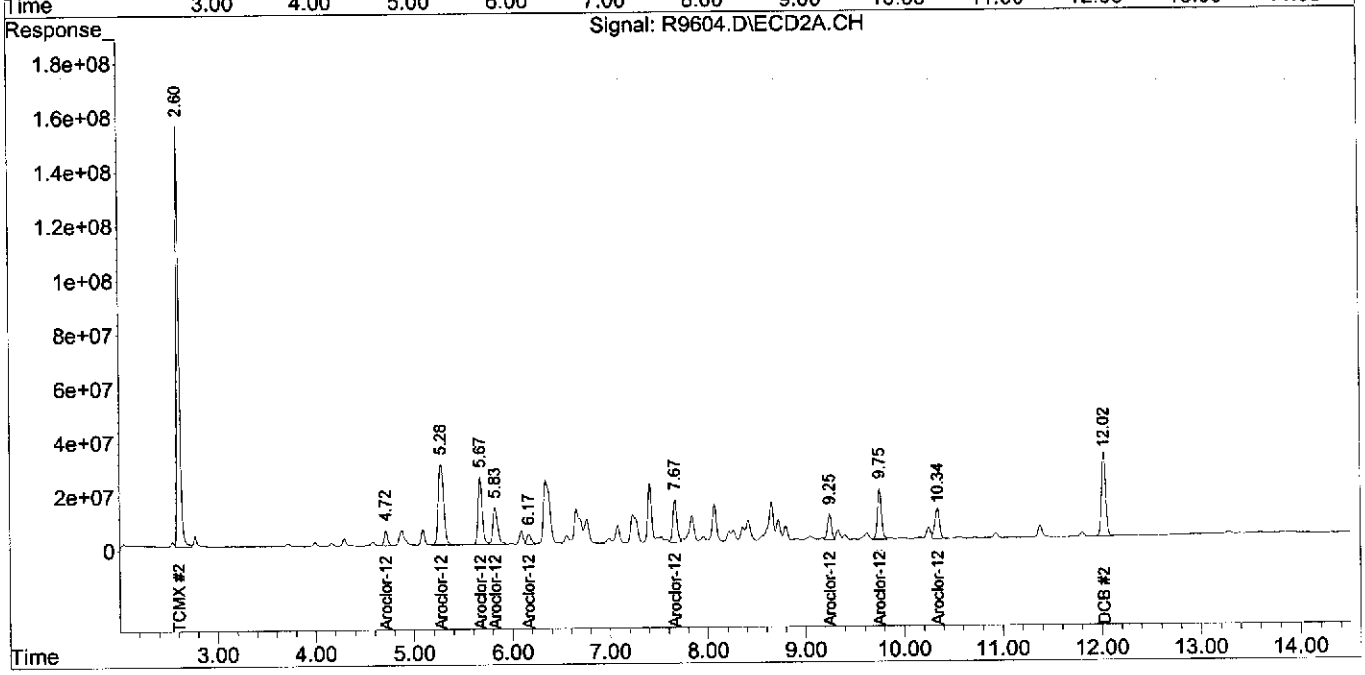
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 10:53
Operator : JS
Sample : U-43W(2.0-,03804-014,S,5.01g,48.9,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:10:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9658.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:53
Operator : JS
Sample : U-43W(4.0-,03804-015,S,5.10g,36.3,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,200
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:53:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	540.5E6	341.8E6	631.225	753.506	
34) L8 Aroclor-1260 {2}	8.98	7.67	397.1E6	443.4E6	1002.678	671.254	#
35) L8 Aroclor-1260 {3}	9.45	9.25	1140.2E6	556.5E6	1208.846	1005.096	
36) L8 Aroclor-1260 {4}	9.94	9.75	482.6E6	1337.4E6	952.305	1164.978	
37) L8 Aroclor-1260 {5}	11.00	10.34	311.8E6	962.6E6	1516.096	1177.234	
Sum Aroclor-1260			2872.2E6	3641.6E6	5311.149	4772.068	
Average Aroclor-1260					1062.230	954.414	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

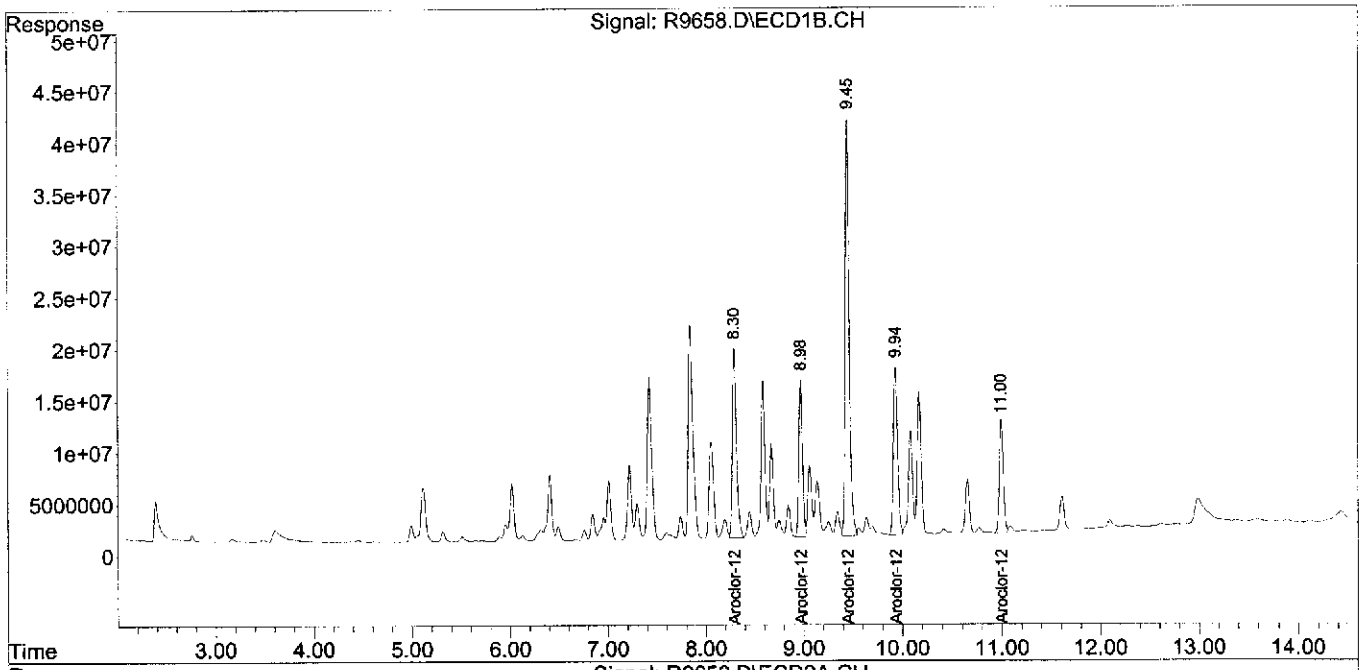
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

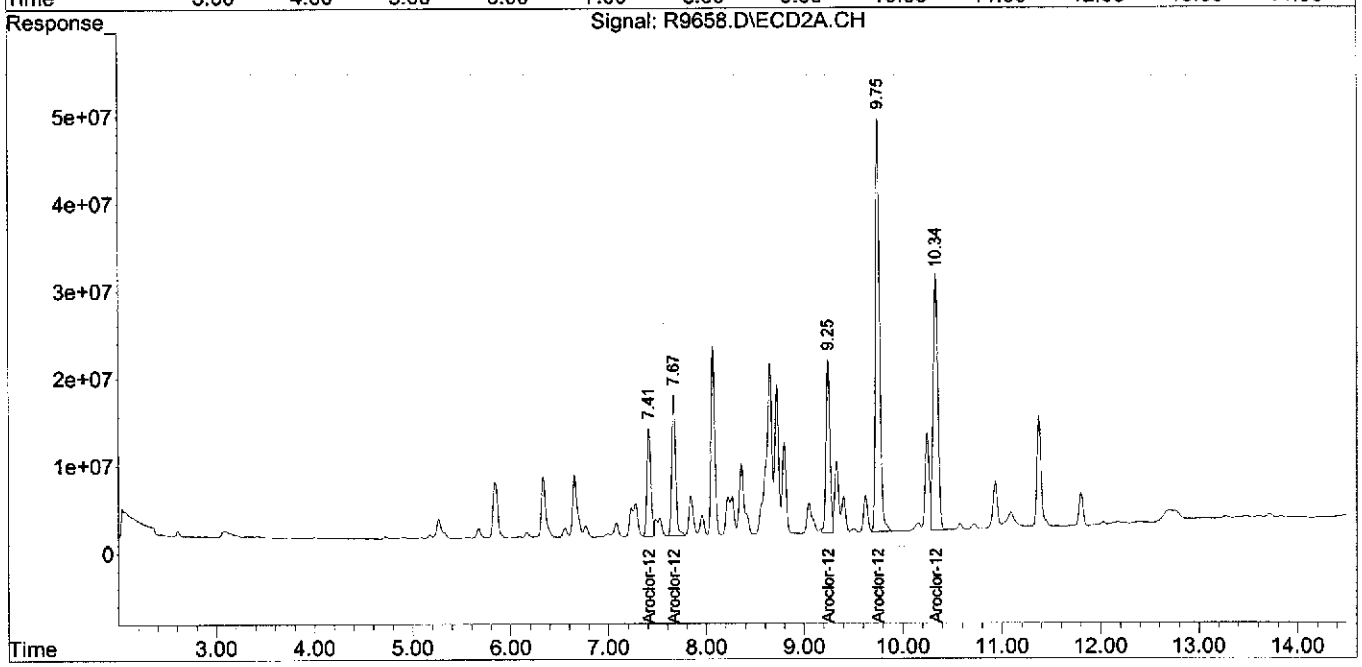
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9658.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 16:53
Operator : JS
Sample : U-43W(4.0-,03804-015,S,5.10g,36.3,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,200
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:53:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9659.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:11
Operator : JS
Sample : U-42W(2.0-,03804-016,S,5.10g,20.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:55:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	408.9E6	338.9E6	477.519	747.235	#
34) L8 Aroclor-1260 {2}	8.98	7.67	261.0E6	320.1E6	659.064	484.610	#
35) L8 Aroclor-1260 {3}	9.45	9.25	685.3E6	369.5E6	726.577	667.339	
36) L8 Aroclor-1260 {4}	9.94	9.76	278.0E6	812.4E6	548.565	707.692	#
37) L8 Aroclor-1260 {5}	11.00	10.34	191.3E6	565.5E6	930.048	691.547	#
Sum Aroclor-1260			1824.5E6	2406.4E6	3341.772	3298.423	
Average Aroclor-1260					668.354	659.685	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

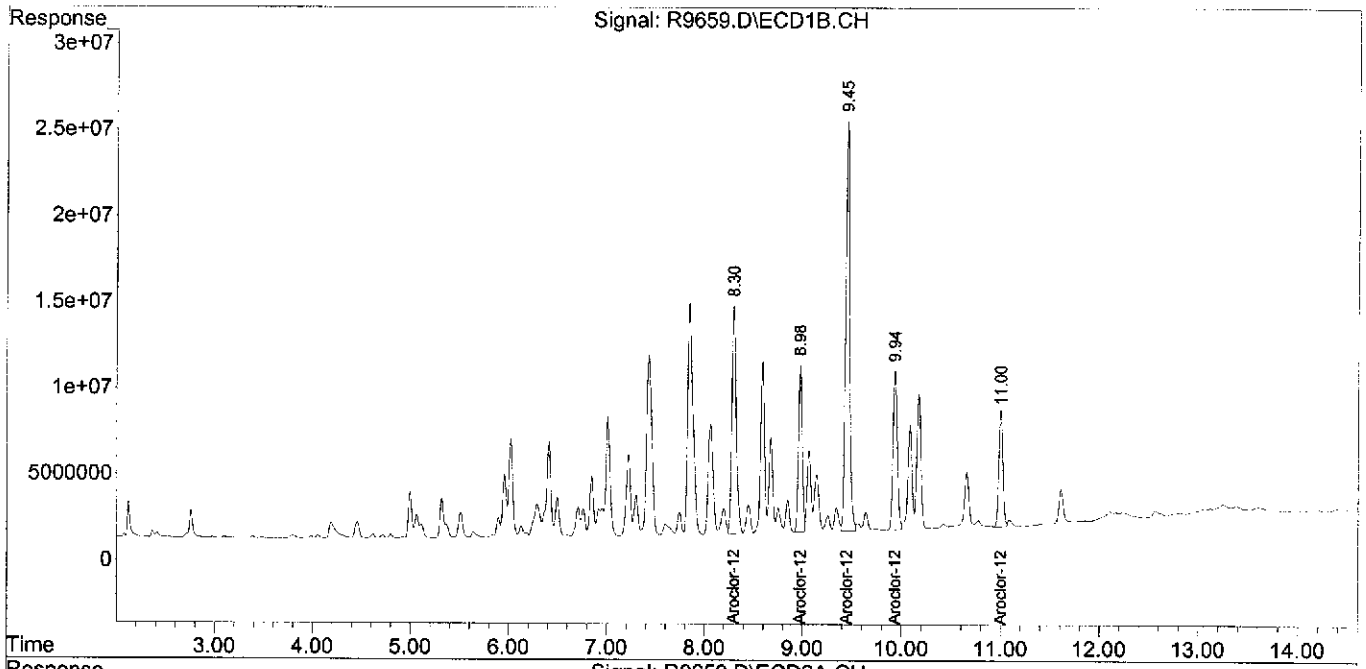
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

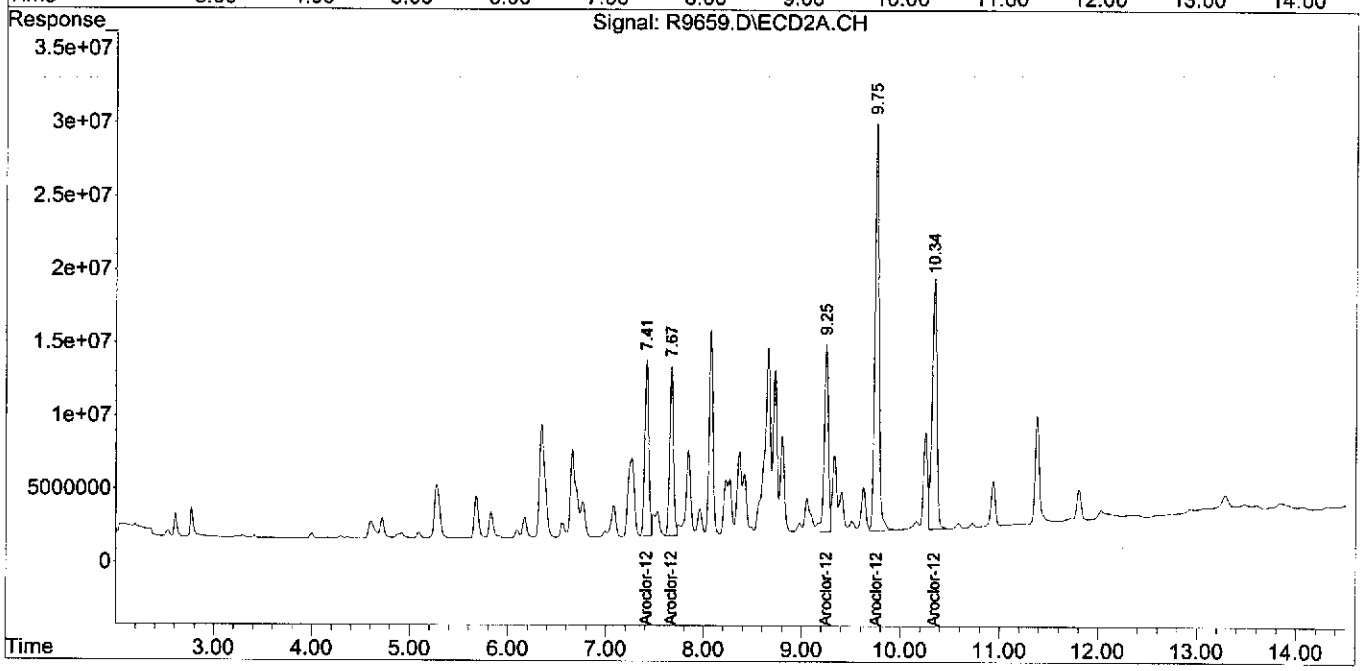
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9659.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:11
Operator : JS
Sample : U-42W(2.0-,03804-016,S,5.10g,20.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:55:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9607.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 11:45
Operator : JS
Sample : U-42W(4.0-,03804-017,S,5.05g,35.2,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:21:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	794.6E6	428.1E6	927.981m	943.939	
34) L8 Aroclor-1260 {2}	8.98	7.67	559.7E6	572.1E6	1413.095m	865.995	#
35) L8 Aroclor-1260 {3}	9.45	9.25	1488.3E6	932.7E6	1577.836m	1684.443	
36) L8 Aroclor-1260 {4}	9.93	9.75	628.5E6	1851.5E6	1240.366m	1612.878	#
37) L8 Aroclor-1260 {5}	11.00	10.34	524.2E6	1272.2E6	2548.772	1555.877	#
Sum Aroclor-1260			3995.2E6	5056.6E6	7708.050	6663.132	
Average Aroclor-1260					1541.610	1332.626	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

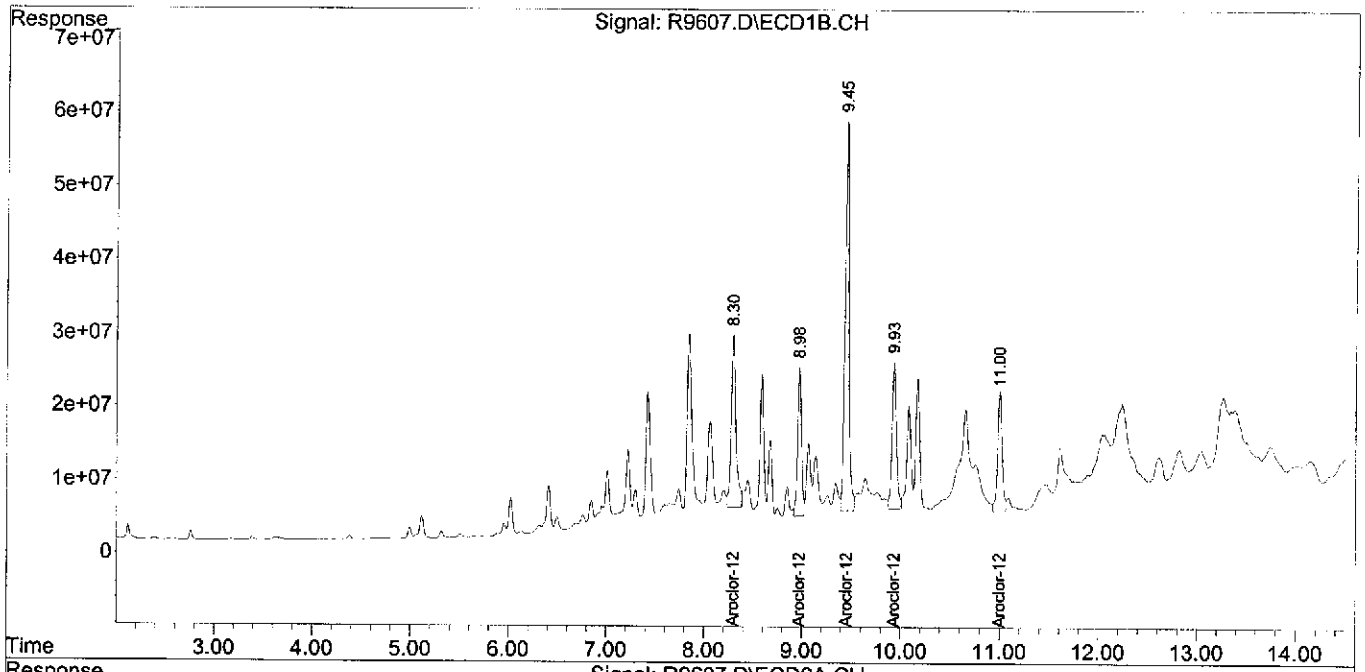
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

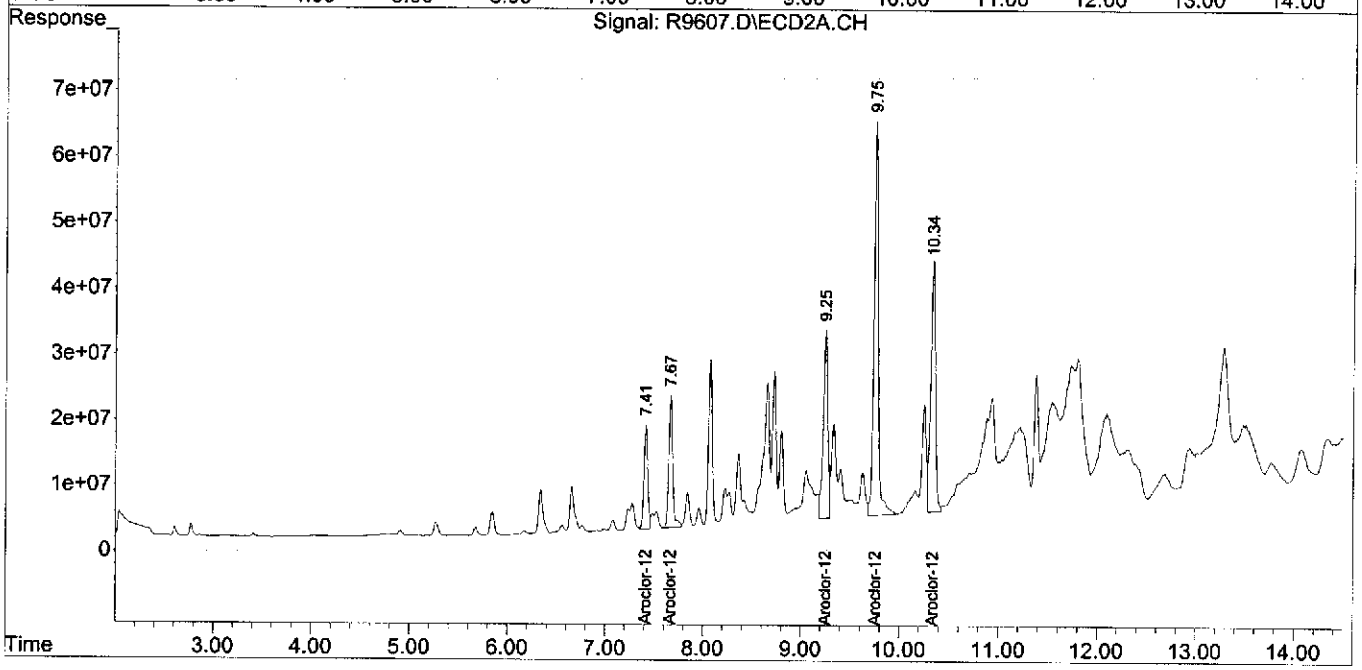
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9607.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 11:45
Operator : JS
Sample : U-42W(4.0-,03804-017,S,5.05g,35.2,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:21:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9660.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:28
Operator : JS
Sample : U-41W(2.0-,03804-018,S,5.04g,39.4,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1000
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:56:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.41	325.9E6	244.9E6	380.679	539.951	#
34) L8 Aroclor-1260 {2}	8.98	7.67	249.0E6	305.5E6	628.729	462.410	#
35) L8 Aroclor-1260 {3}	9.45	9.25	669.8E6	336.1E6	710.069	606.995	
36) L8 Aroclor-1260 {4}	9.94	9.76	266.7E6	775.0E6	526.260	675.149	#
37) L8 Aroclor-1260 {5}	11.00	10.34	166.2E6	527.2E6	808.304	644.750	
Sum Aroclor-1260			1677.6E6	2188.7E6	3054.040	2929.255	
Average Aroclor-1260					610.808	585.851	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

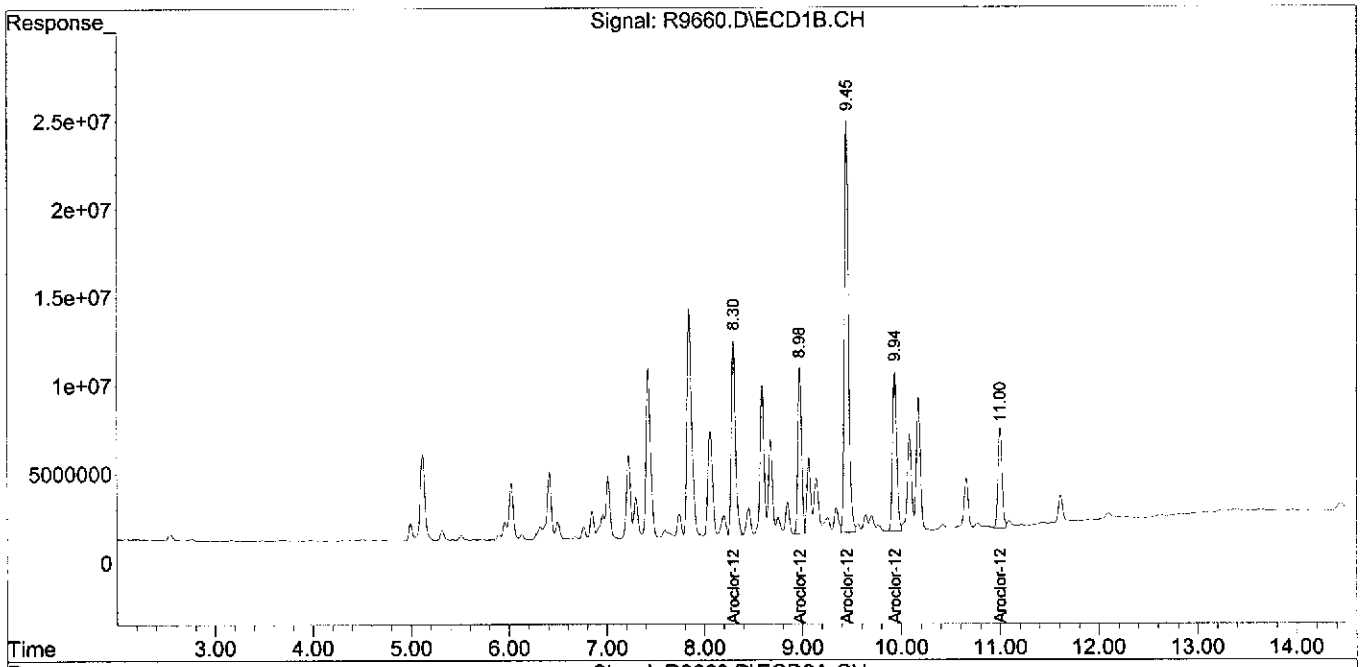
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

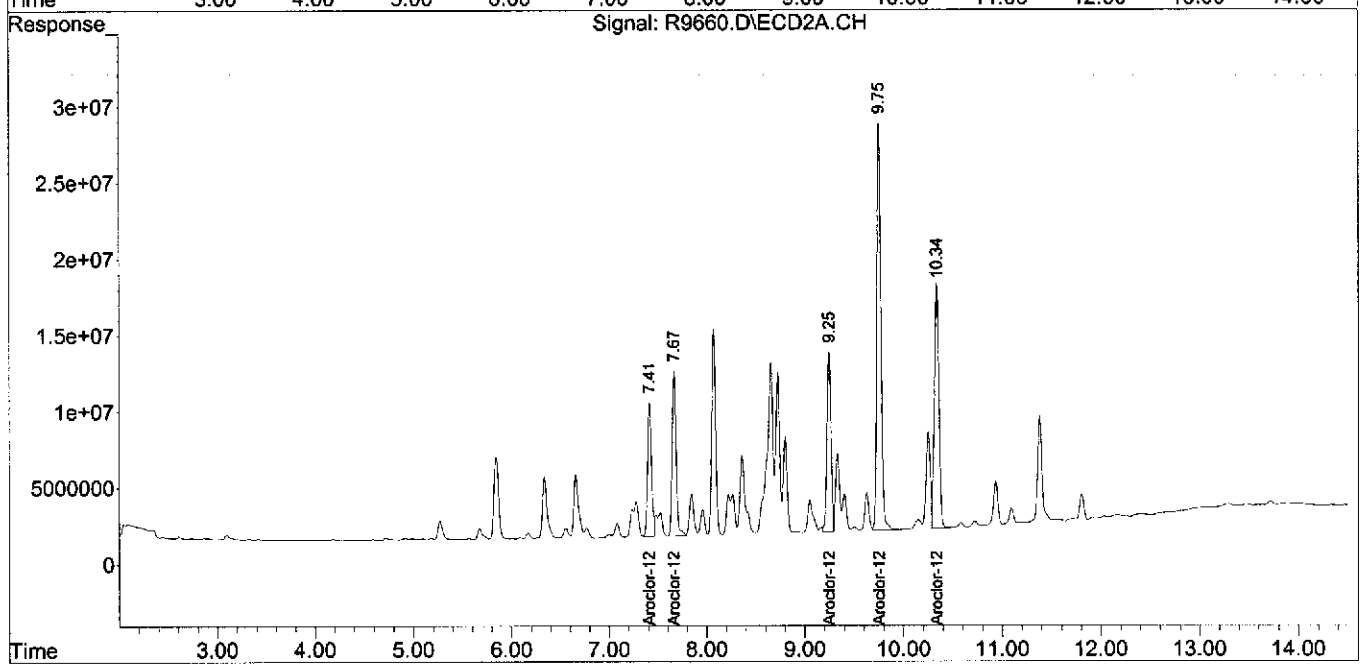
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9660.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:28
Operator : JS
Sample : U-41W(2.0-,03804-018,S,5.04g,39.4,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1000
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:56:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9661.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:46
Operator : JS
Sample : U-40W(0-2.,03804-019,S,5.03g,26.7,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:58:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.42	339.2E6	250.1E6	396.198	551.493 #
34) L8 Aroclor-1260 {2}	8.98	7.67	220.7E6	277.8E6	557.251	420.460
35) L8 Aroclor-1260 {3}	9.45	9.25	625.0E6	297.9E6	662.615	538.065
36) L8 Aroclor-1260 {4}	9.94	9.75	244.8E6	678.7E6	483.177	591.190
37) L8 Aroclor-1260 {5}	11.00	10.34	159.3E6	497.8E6	774.397	608.799
Sum Aroclor-1260			1589.0E6	2002.3E6	2873.638	2710.008
Average Aroclor-1260					574.728	542.002
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

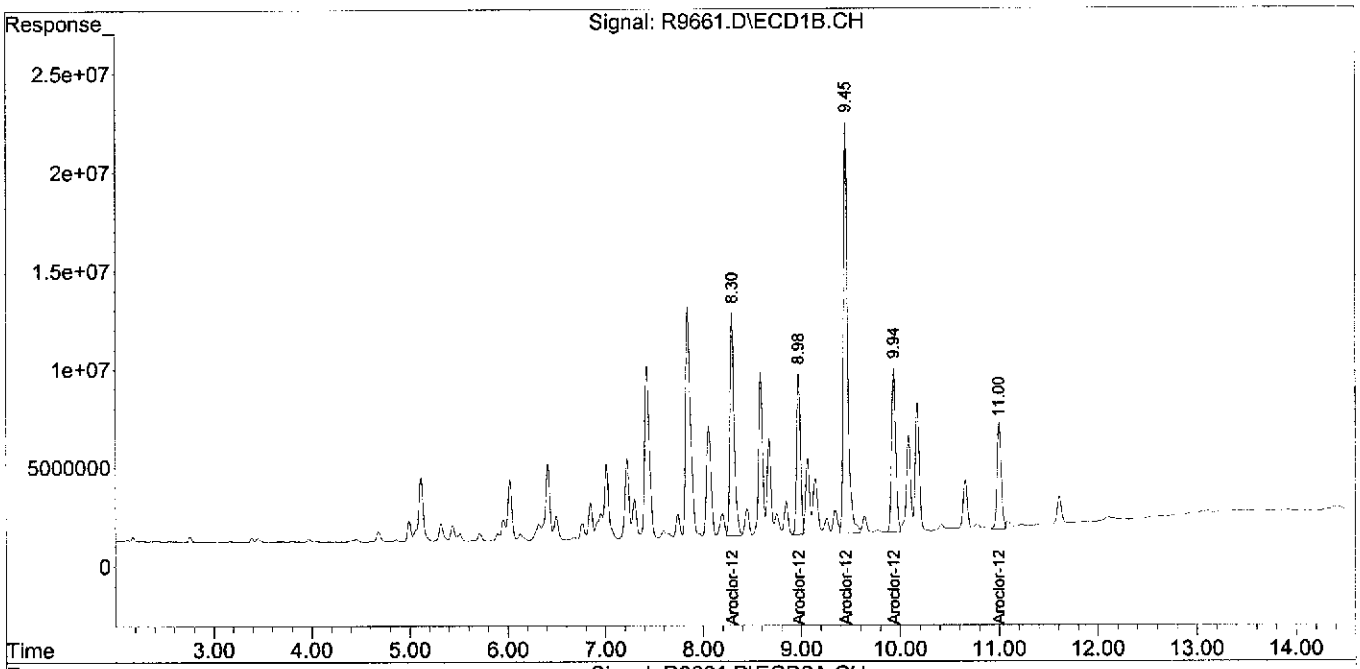
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

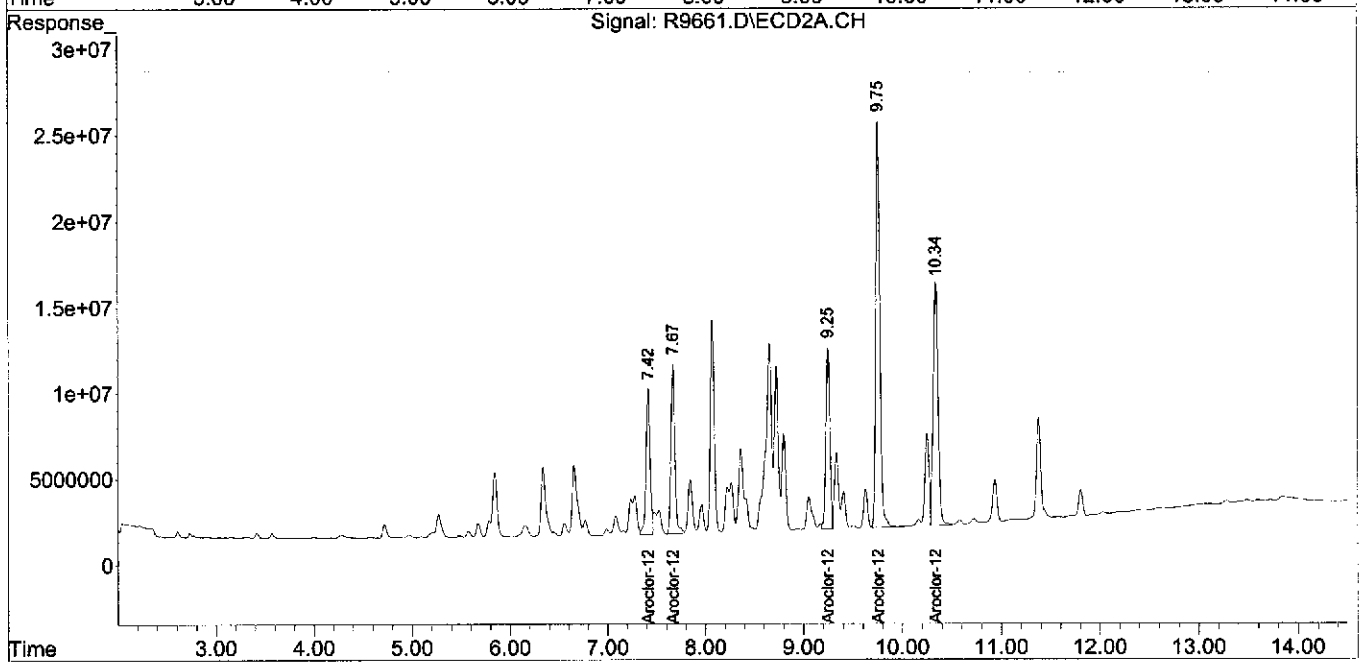
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9661.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 17:46
Operator : JS
Sample : U-40W(0-2.,03804-019,S,5.03g,26.7,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:58:29 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9662.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:03
Operator : JS
Sample : U-40W(4.0-,03804-020,S,5.03g,80.0,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,5
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:59:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.76	2.61	662.6E6	732.9E6	49.152	48.397
Spiked Amount 200.000			Recovery	=	24.58%	24.20%
2) S DCB	12.10	12.02	182.0E6	192.2E6	59.806m	55.588m
Spiked Amount 200.000			Recovery	=	29.90%	27.79%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.42	302.4E6	176.6E6	353.184	389.267
34) L8 Aroclor-1260 {2}	8.98	7.67	216.5E6	268.7E6	546.673	406.763 #
35) L8 Aroclor-1260 {3}	9.45	9.25	562.0E6	281.3E6	595.868	508.012
36) L8 Aroclor-1260 {4}	9.94	9.75	241.7E6	648.8E6	476.942	565.168
37) L8 Aroclor-1260 {5}	11.00	10.34	146.3E6	472.3E6	711.224	577.633
Sum Aroclor-1260			1468.9E6	1847.7E6	2683.891	2446.843
Average Aroclor-1260					536.778	489.369
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

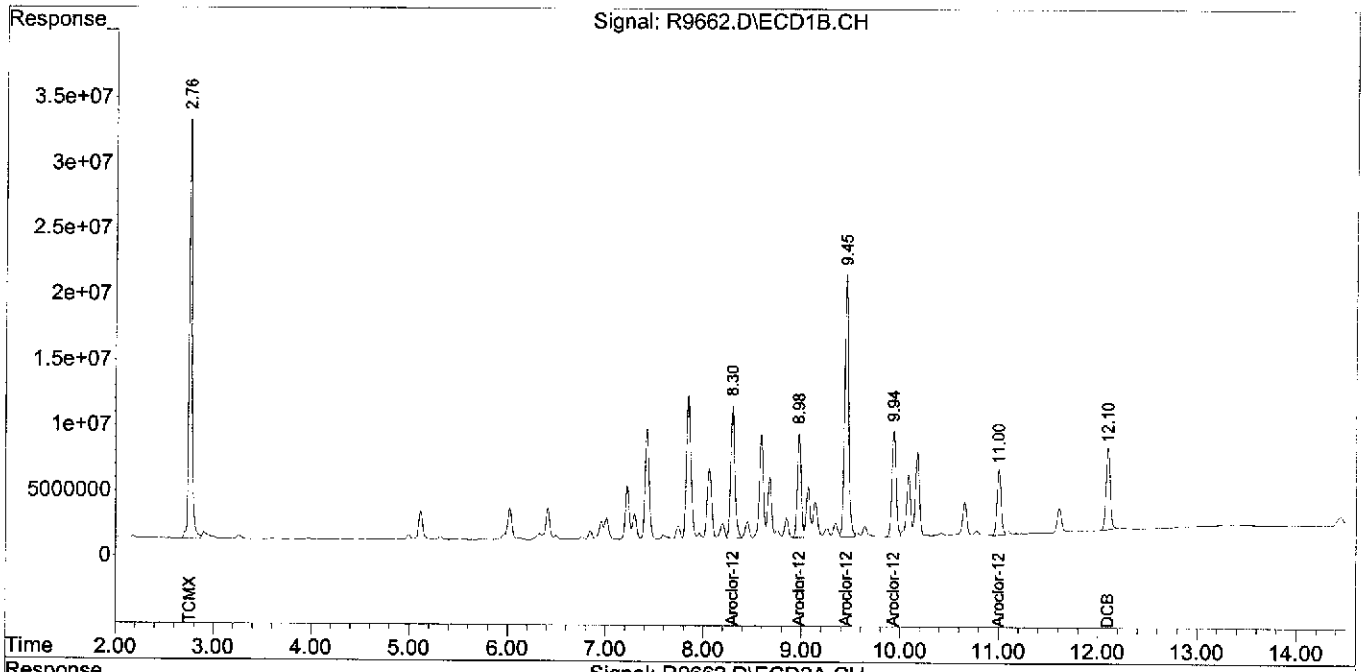
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

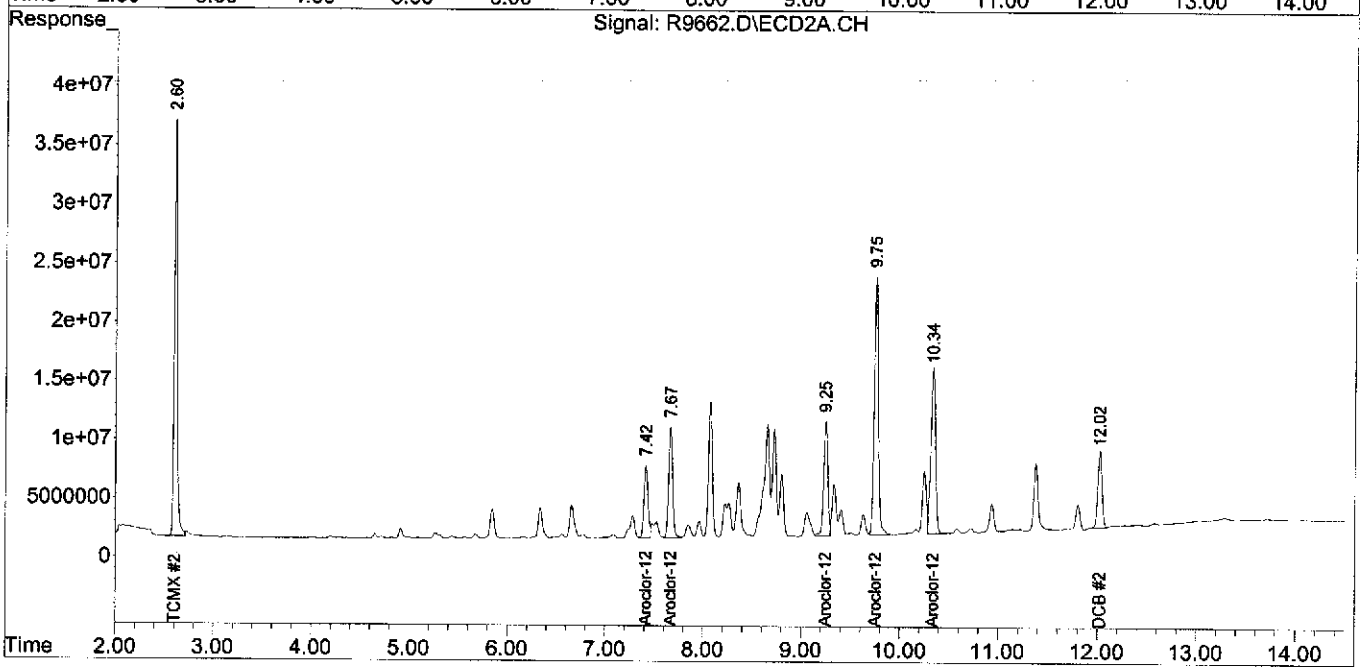
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9662.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:03
Operator : JS
Sample : U-40W(4.0-,03804-020,S,5.03g,80.0,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,5
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:59:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-06-13\
Data File : R9726.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 May 2013 19:01
Operator : JS
Sample : U-39W(0-2.,03804-021,S,5.02g,31.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:51:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.41	6.66	164.4E6	209.8E6	283.624	285.984	
29) L7 Aroclor-1254 {2}	6.85	7.24	77665694	83271800	207.839	147.005	#
30) L7 Aroclor-1254 {3}	7.01	7.67	162.7E6	325.8E6	241.272	872.300	#
31) L7 Aroclor-1254 {4}	7.43	7.84	369.5E6	142.9E6	512.604	254.063	#
32) L7 Aroclor-1254 {5}	8.30	8.66	423.9E6	551.7E6	680.051	746.881	
Sum Aroclor-1254			1198.3E6	1313.4E6	1925.390	2306.233	
Average Aroclor-1254					385.078	461.247	
33) L8 Aroclor-1260	8.30	7.41	423.9E6	312.1E6	495.043	688.027	#
34) L8 Aroclor-1260 {2}	8.98	7.67	246.0E6	325.8E6	621.080	493.195	
35) L8 Aroclor-1260 {3}	9.45	9.25	668.8E6	343.6E6	709.066	620.561	
36) L8 Aroclor-1260 {4}	9.94	9.75	277.2E6	772.0E6	547.001	672.491	
37) L8 Aroclor-1260 {5}	11.00	10.34	169.9E6	557.7E6	825.956	682.041	
Sum Aroclor-1260			1785.7E6	2311.1E6	3198.146	3156.315	
Average Aroclor-1260					639.629	631.263	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

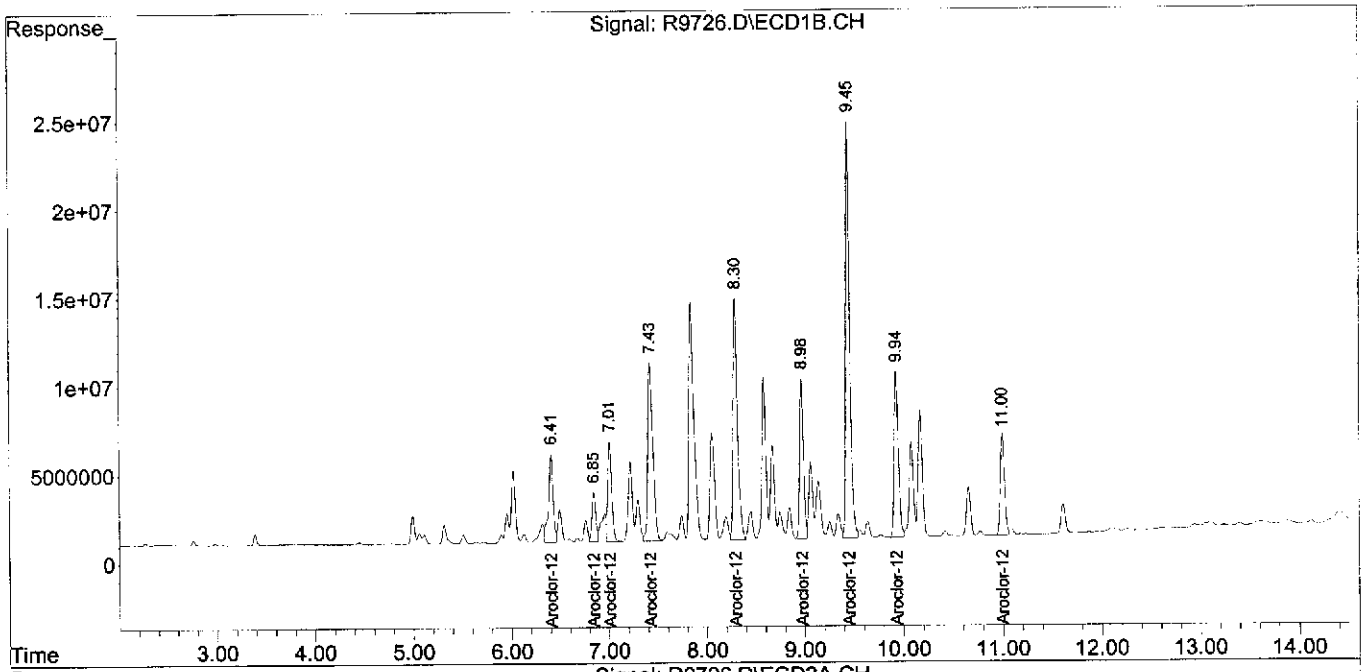
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

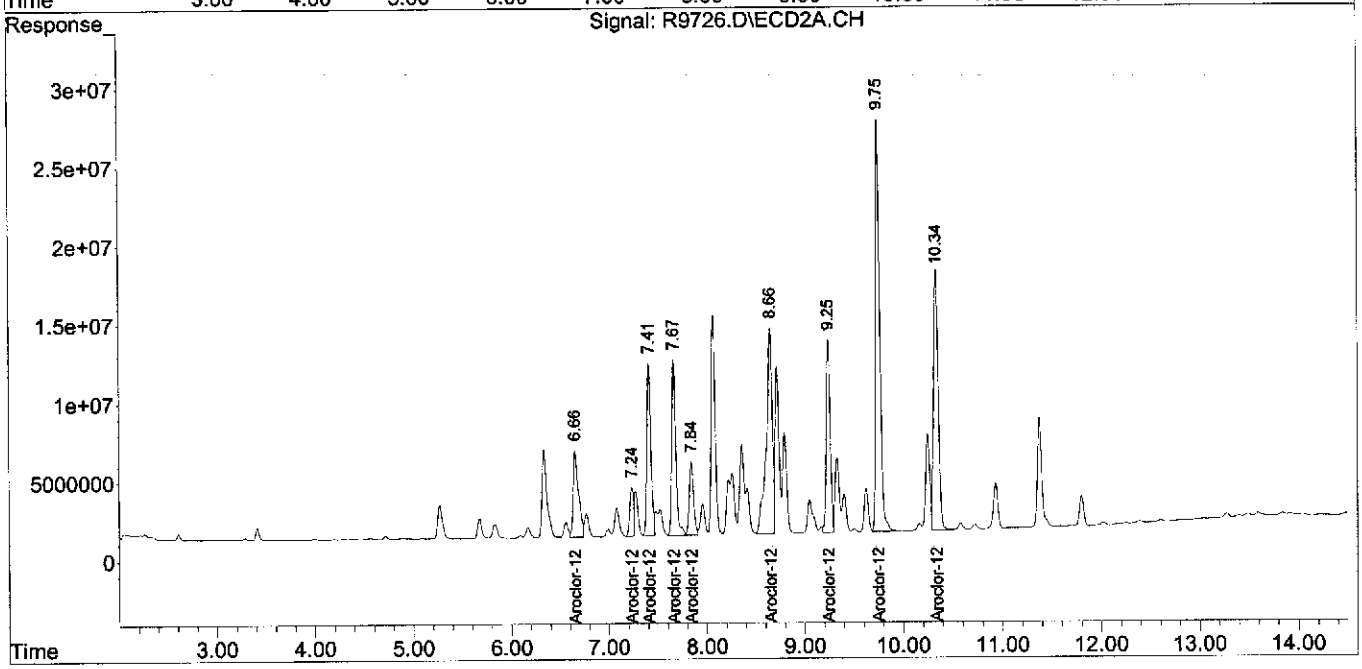
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-06-13\
Data File : R9726.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 May 2013 19:01
Operator : JS
Sample : U-39W(0-2.,03804-021,S,5.02g,31.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:51:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9664.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:38
Operator : JS
Sample : U-39W(4.0-,03804-022,S,5.04g,50.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:03:47 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.42	439.6E6	257.3E6	513.426	567.391	
34) L8 Aroclor-1260 {2}	8.98	7.67	395.3E6	402.3E6	997.939	609.059	#
35) L8 Aroclor-1260 {3}	9.45	9.25	1072.2E6	502.2E6	1136.679	907.014	
36) L8 Aroclor-1260 {4}	9.94	9.76	422.1E6	1248.8E6	833.046	1087.840	#
37) L8 Aroclor-1260 {5}	11.00	10.34	290.4E6	855.9E6	1412.325	1046.688	#
Sum Aroclor-1260			2619.6E6	3266.5E6	4893.416	4217.991	
Average Aroclor-1260					978.683	843.598	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

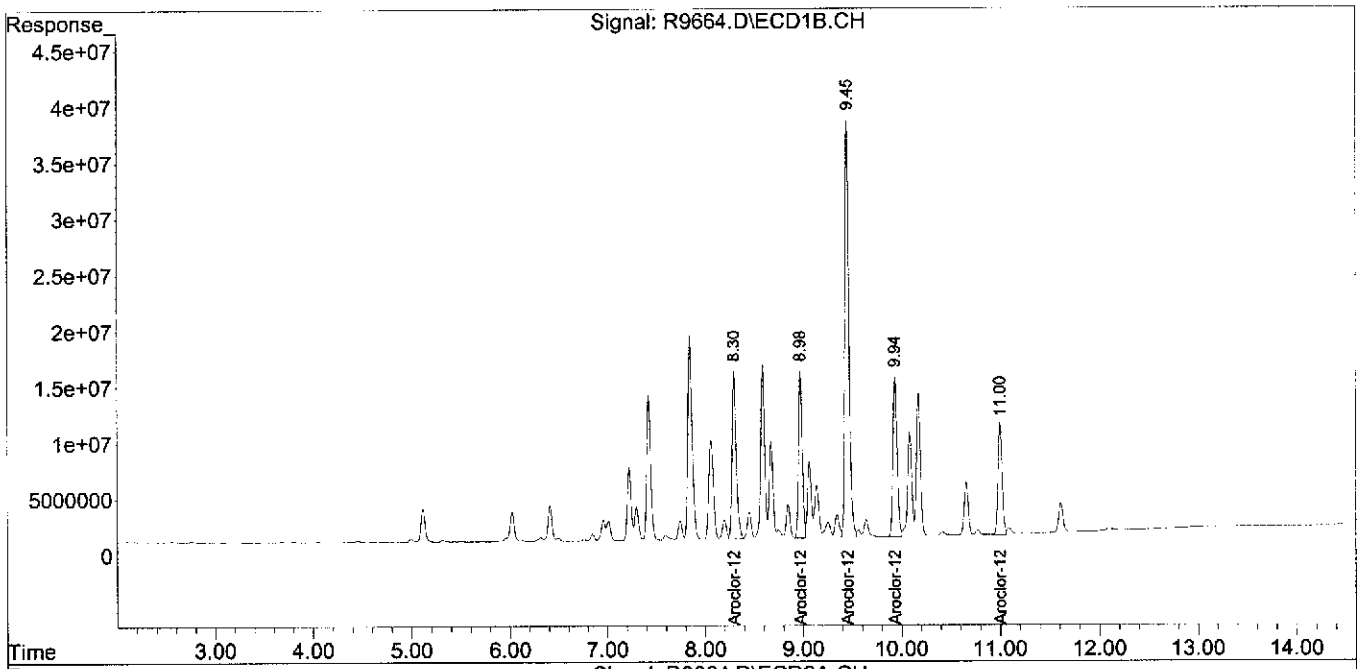
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

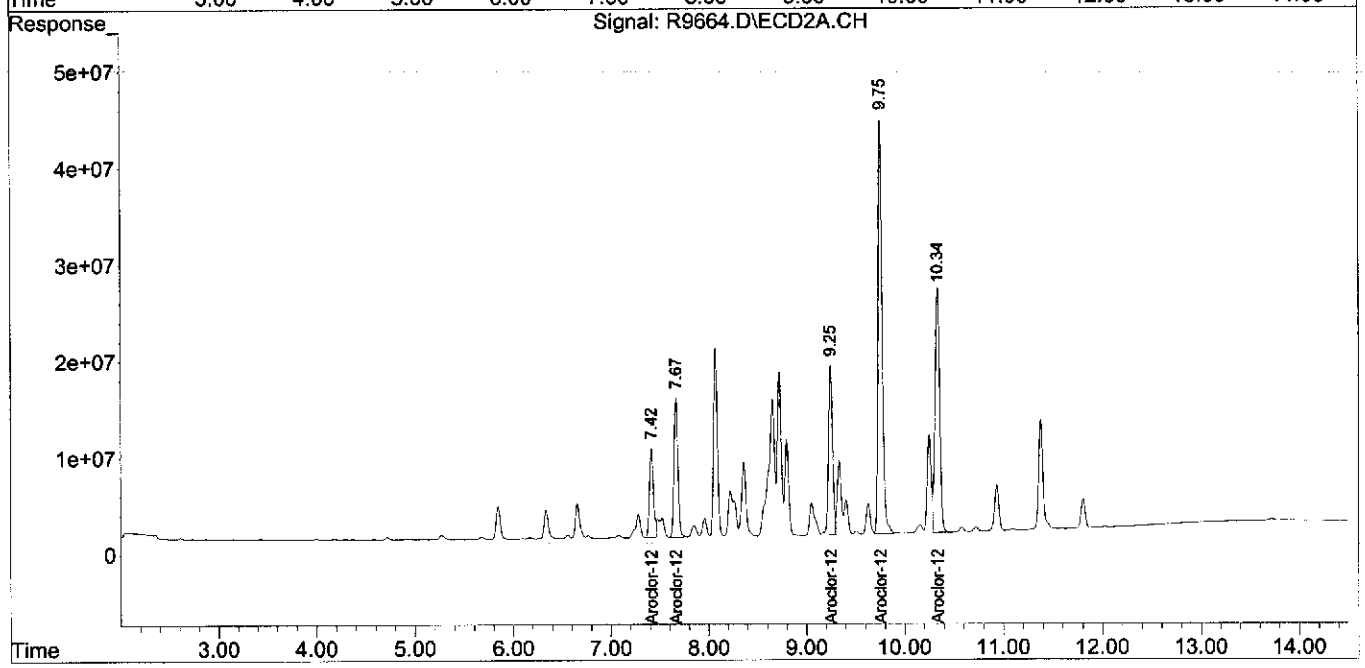
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9664.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:38
Operator : JS
Sample : U-39W(4.0-,03804-022,S,5.04g,50.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:03:47 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9613.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 13:30
Operator : JS
Sample : T-38E(4.0-,03804-023,S,5.02g,84.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:28:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2924.2E6	3372.0E6	216.903	222.680
Spiked Amount 200.000			Recovery	=	108.45%	111.34%
2) S DCB	12.10	12.02	894.9E6	1015.8E6	294.013m	293.858m
Spiked Amount 200.000			Recovery	=	147.01%	146.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	13285257	0	15.516m	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	7.66	4563216	8140916	11.521m	12.324m
35) L8 Aroclor-1260 {3}	9.45	9.22	14780958	8561509	15.670m	15.463m
36) L8 Aroclor-1260 {4}	9.94	0.00	5702738	0	11.254m	N.D. d#
37) L8 Aroclor-1260 {5}	0.00	10.34	0	14025754	N.D. d	17.153m#
Sum Aroclor-1260			38332170	30728178	53.962	44.939
Average Aroclor-1260					13.490	14.980
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

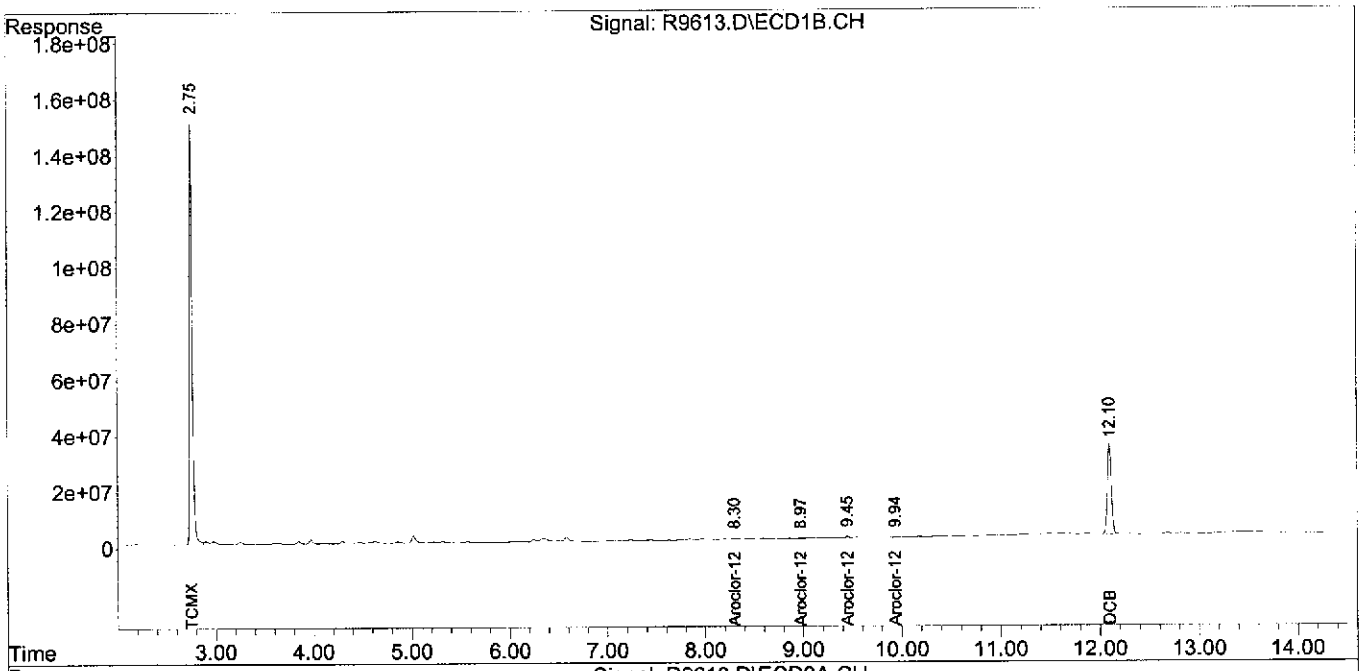
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

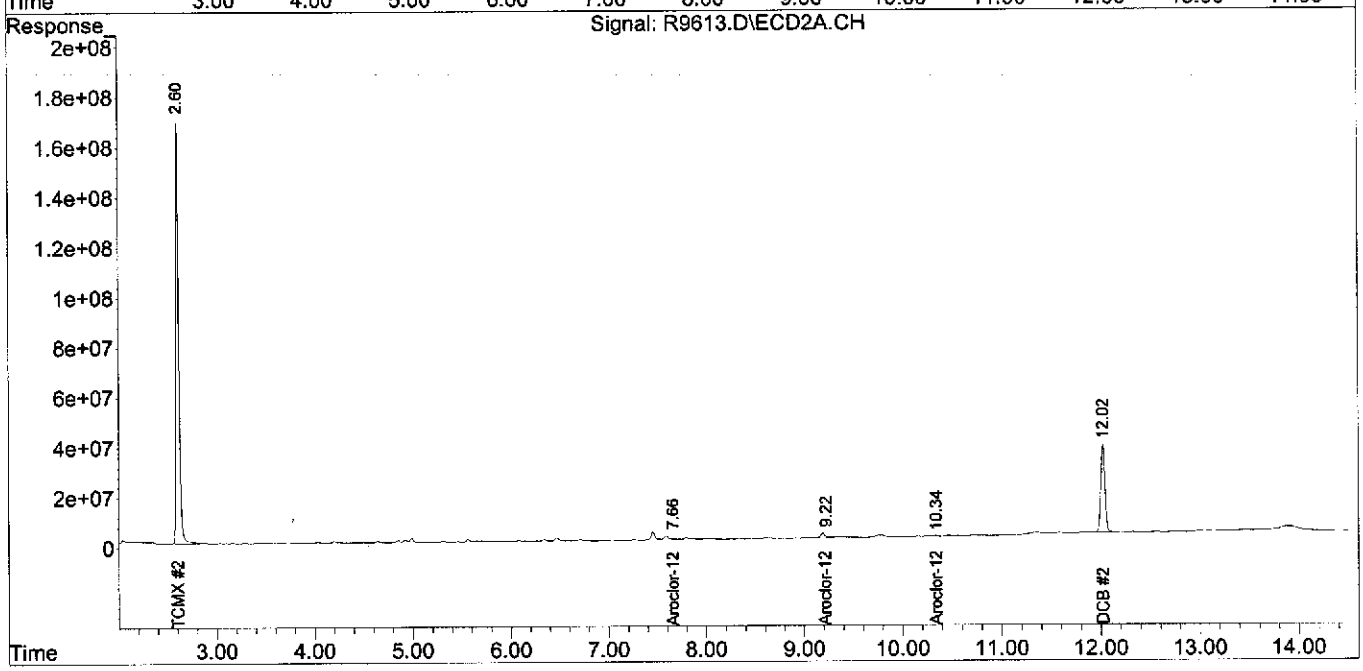
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9613.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 13:30
Operator : JS
Sample : T-38E(4.0-,03804-023,S,5.02g,84.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,1
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:28:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-03-13\
Data File : R9614.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 13:47
Operator : JS
Sample : T-38N(2.0-,03804-024,S,5.07g,38.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:31:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
32) L7 Aroclor-1254 {5}	8.30	8.65	124.0E6	166.0E6	198.887	224.802	
Sum Aroclor-1254			124.0E6	166.0E6	198.887	224.802	
Average Aroclor-1254					198.887	224.802	
33) L8 Aroclor-1260	8.30	7.41	124.0E6	80263152	144.780	176.967	
34) L8 Aroclor-1260 {2}	8.98	7.67	95457262	103.4E6	241.011	156.562	#
35) L8 Aroclor-1260 {3}	9.45	9.25	247.1E6	123.5E6	261.945	223.002	
36) L8 Aroclor-1260 {4}	9.93	9.75	118.9E6	299.1E6	234.633	260.505	
37) L8 Aroclor-1260 {5}	11.00	10.34	73049556	223.8E6	355.214m	273.666	
Sum Aroclor-1260			658.4E6	830.0E6	1237.583	1090.703	
Average Aroclor-1260					247.517	218.141	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

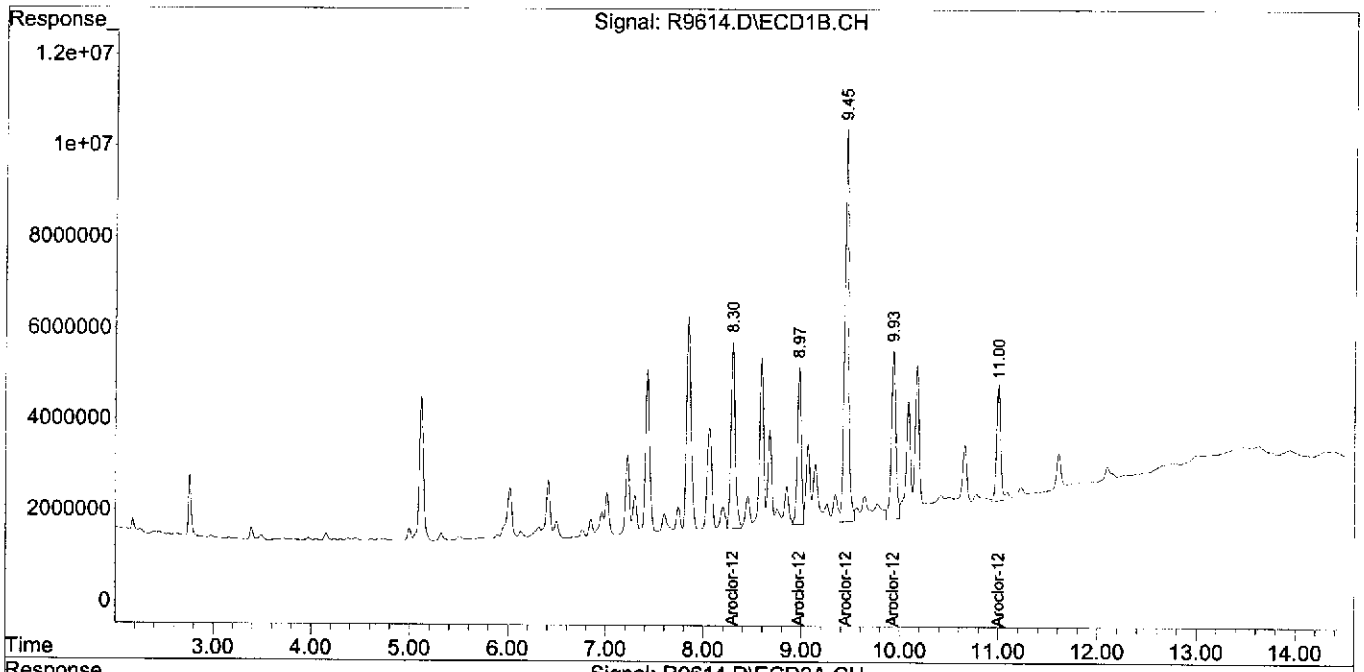
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

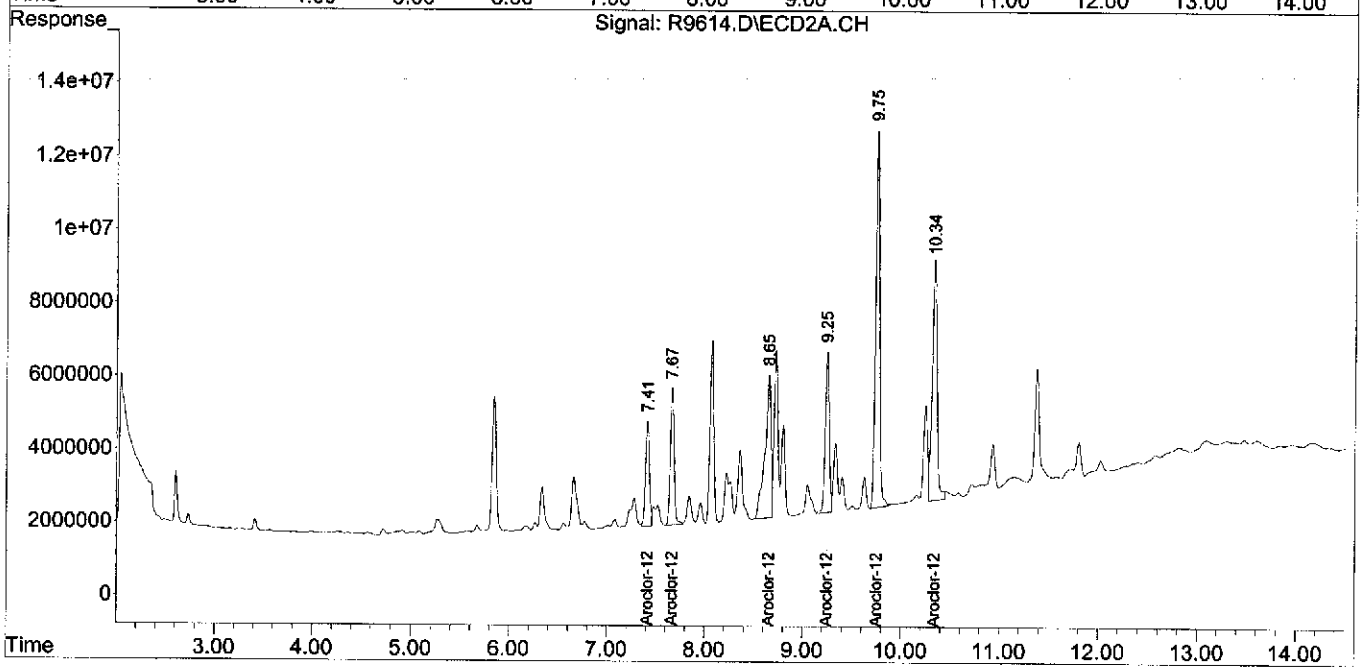
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9614.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 13:47
Operator : JS
Sample : T-38N(2.0-,03804-024,S,5.07g,38.1,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,100
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 12:31:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9665.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:56
Operator : JS
Sample : T-38S(0-2.,03804-025,S,5.00g,23.0,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:09:55 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.41	6.66	419.6E6	548.5E6	723.864	747.843	
29) L7 Aroclor-1254 {2}	6.85	7.24	260.8E6	425.8E6	697.830	751.747	
30) L7 Aroclor-1254 {3}	7.01	7.67	521.1E6	454.1E6	772.592	1215.782	#
31) L7 Aroclor-1254 {4}	7.44	7.84	740.6E6	451.1E6	1027.370	801.745	
32) L7 Aroclor-1254 {5}	8.30	8.66	736.1E6	909.5E6	1181.023	1231.356	
Sum Aroclor-1254			2678.3E6	2789.0E6	4402.679	4748.473	
Average Aroclor-1254					880.536	949.695	
33) L8 Aroclor-1260	8.30	7.41	736.1E6	707.0E6	859.726	1558.841	#
34) L8 Aroclor-1260 {2}	8.98	7.67	239.3E6	454.1E6	604.256	687.399	
35) L8 Aroclor-1260 {3}	9.45	9.25	645.9E6	418.6E6	684.813	756.086	
36) L8 Aroclor-1260 {4}	9.94	9.76	285.9E6	766.4E6	564.244	667.645	
37) L8 Aroclor-1260 {5}	11.00	10.34	170.0E6	551.7E6	826.698	674.704	
Sum Aroclor-1260			2077.3E6	2897.9E6	3539.737	4344.675	
Average Aroclor-1260					707.947	868.935	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

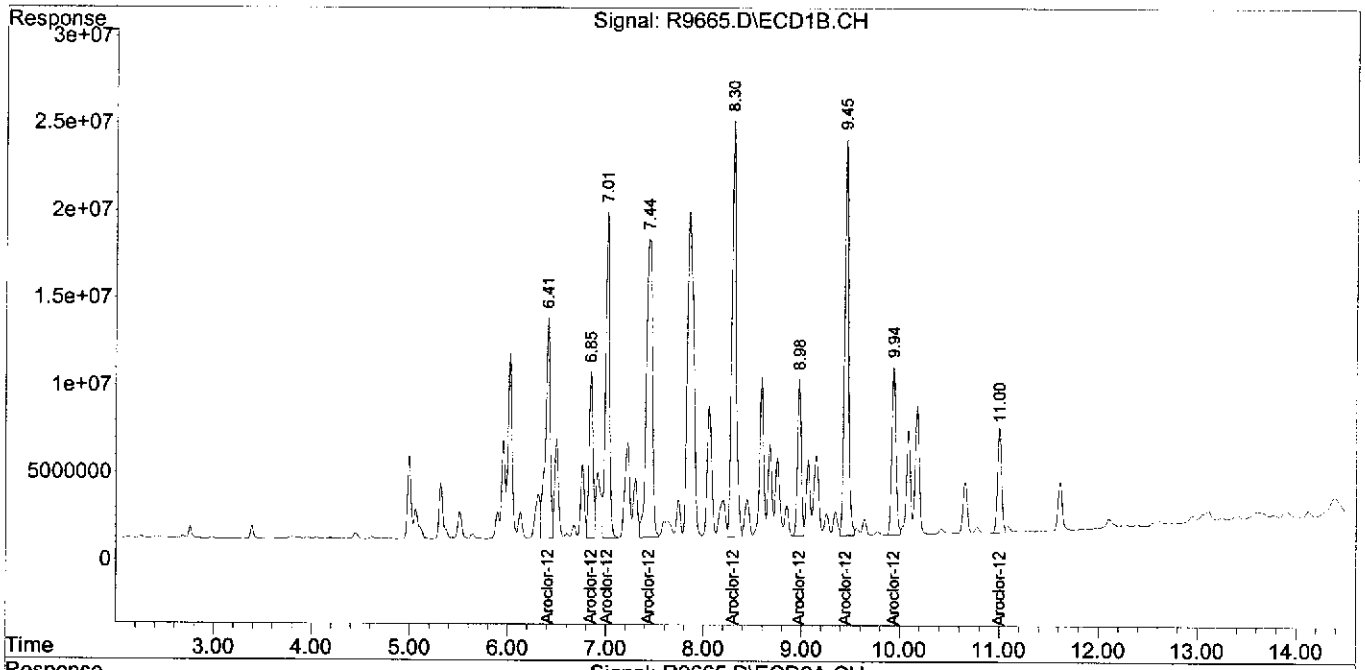
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

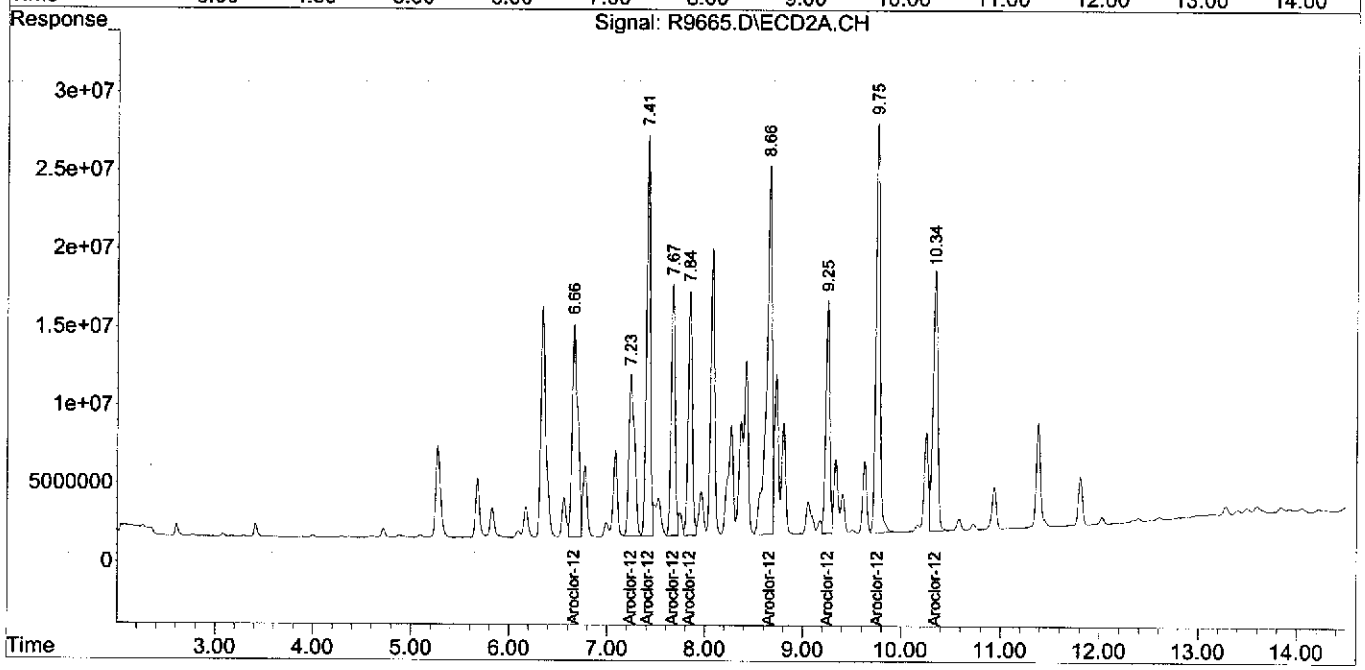
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9665.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 18:56
Operator : JS
Sample : T-38S(0-2.,03804-025,S,5.00g,23.0,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:09:55 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-07-13\
Data File : R9783.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 May 2013 13:37
Operator : JS
Sample : T-39S(4.0-,03804-026,S,5.02g,52.2,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 90 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 14:00:47 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.30	7.42	353.5E6	198.7E6	412.897	438.110	
34) L8 Aroclor-1260 {2}	8.98	7.67	272.8E6	293.9E6	688.650	444.965	#
35) L8 Aroclor-1260 {3}	9.45	9.25	698.0E6	325.5E6	739.964	587.966	
36) L8 Aroclor-1260 {4}	9.94	9.76	308.3E6	780.7E6	608.326	680.091	
37) L8 Aroclor-1260 {5}	11.00	10.34	169.0E6	530.4E6	821.859m	648.706	
Sum Aroclor-1260			1801.5E6	2129.4E6	3271.696	2799.837	
Average Aroclor-1260					654.339	559.967	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

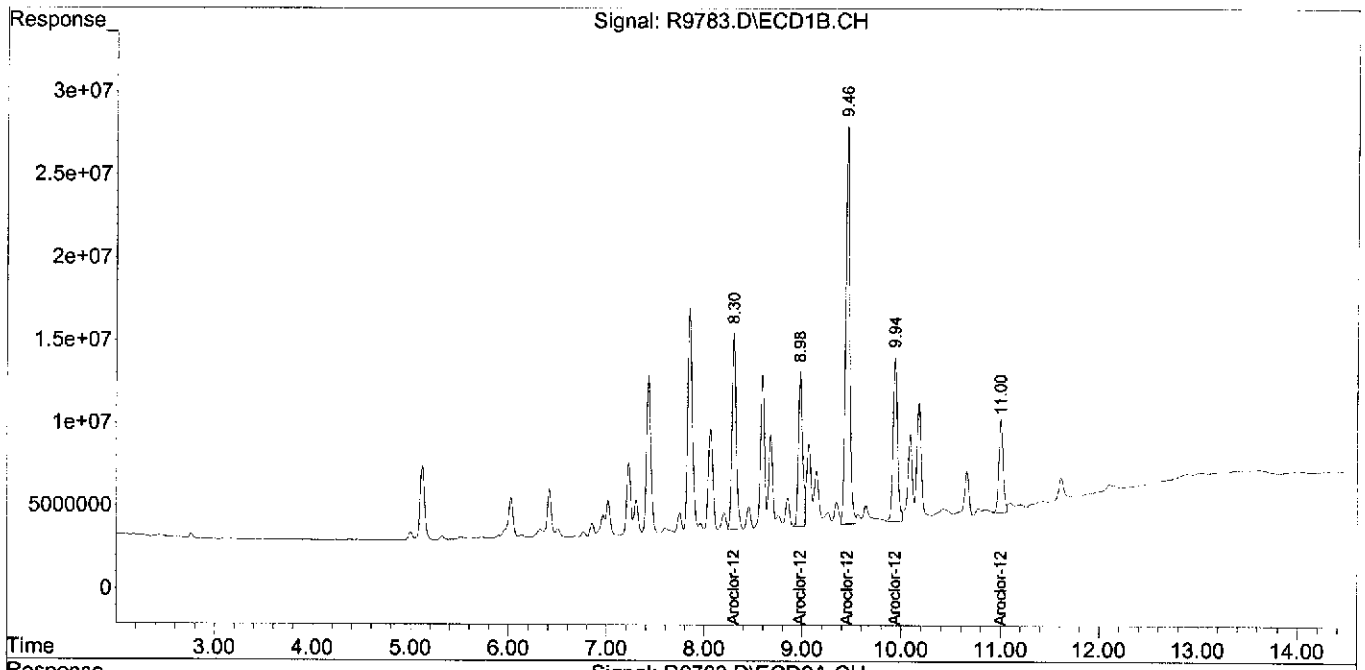
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

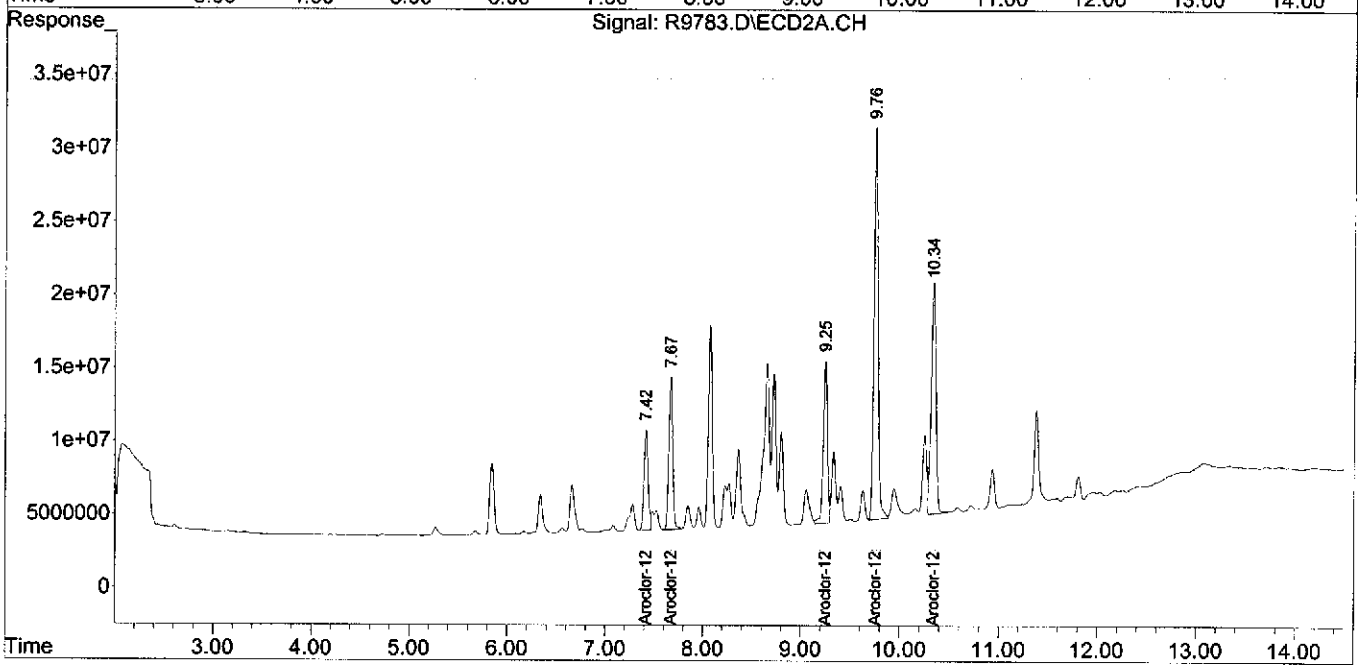
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-07-13\
Data File : R9783.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 May 2013 13:37
Operator : JS
Sample : T-39S(4.0-,03804-026,S,5.02g,52.2,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 90 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 14:00:47 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-05-13\
Data File : R9666.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 19:13
Operator : JS
Sample : T-41N(0-2.,03804-027,S,5.00g,51.4,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:13:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.41	394.5E6	257.2E6	460.791	567.085
34) L8 Aroclor-1260 {2}	8.98	7.67	231.4E6	296.1E6	584.255	448.284
35) L8 Aroclor-1260 {3}	9.45	9.25	644.5E6	319.2E6	683.276	576.493
36) L8 Aroclor-1260 {4}	9.94	9.75	280.4E6	735.6E6	553.304	640.742
37) L8 Aroclor-1260 {5}	11.00	10.34	171.2E6	519.3E6	832.279	635.143
Sum Aroclor-1260			1722.0E6	2127.4E6	3113.905	2867.747
Average Aroclor-1260					622.781	573.549
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

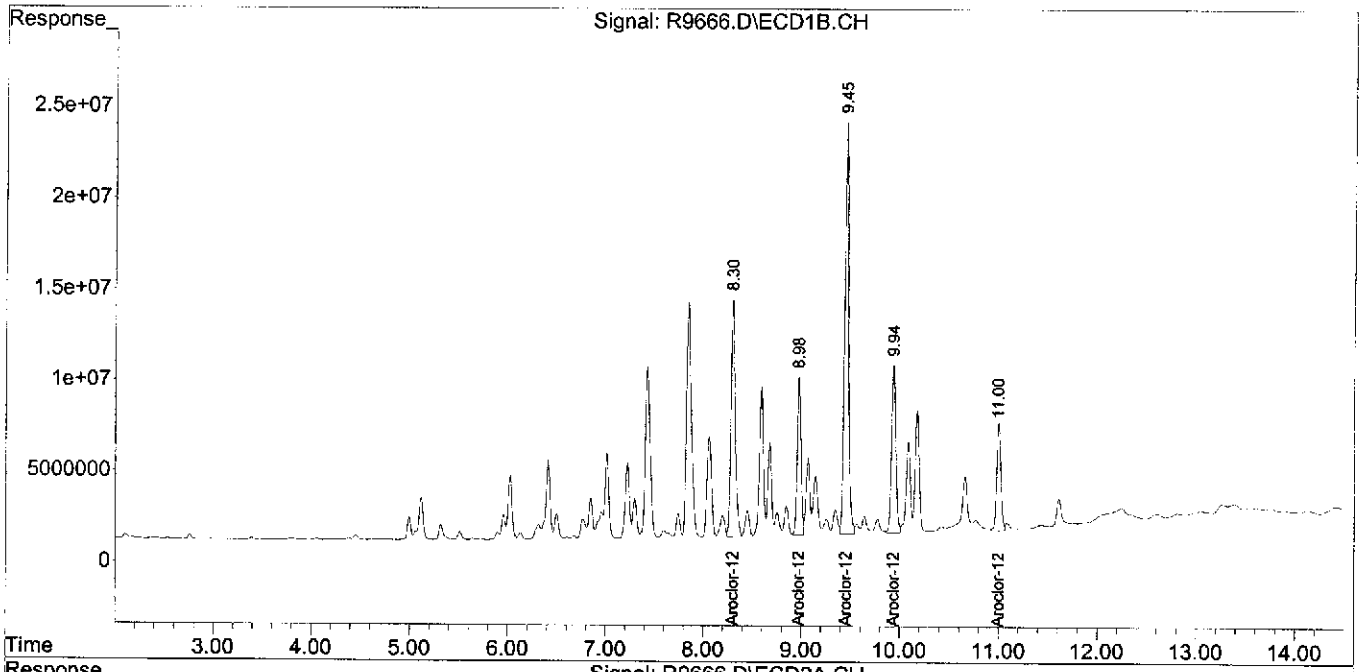
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

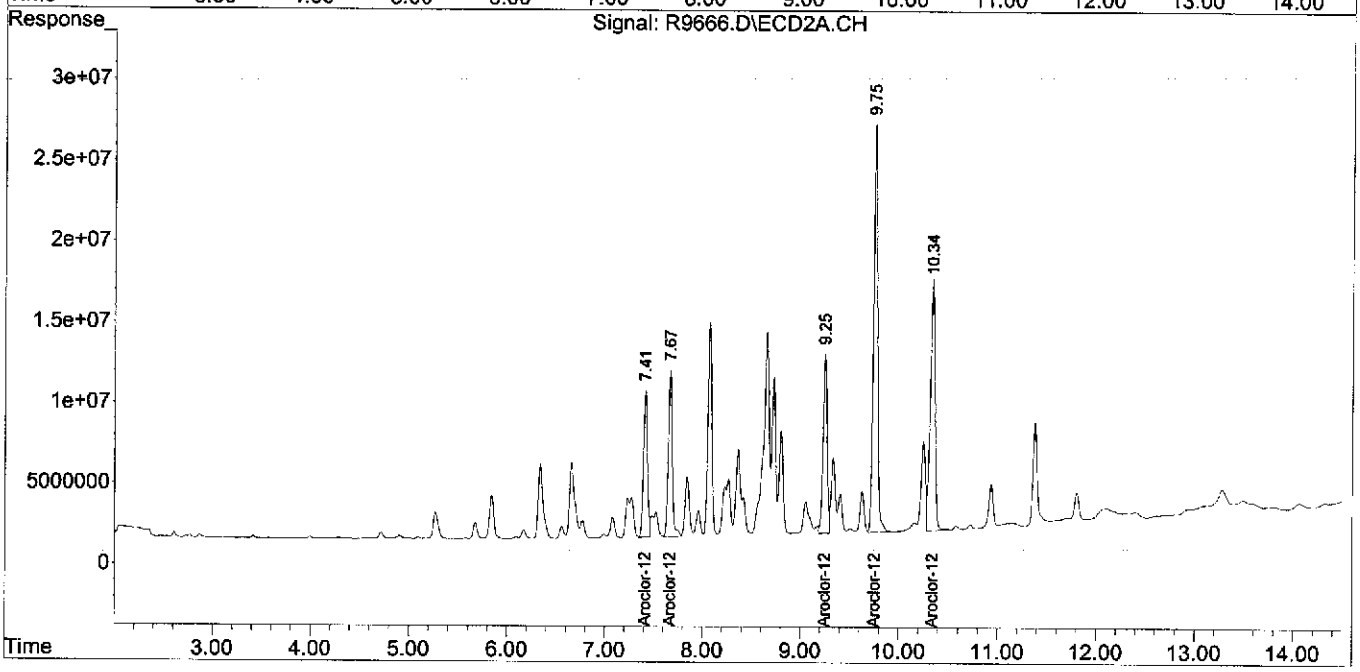
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-05-13\
Data File : R9666.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 05 May 2013 19:13
Operator : JS
Sample : T-41N(0-2.,03804-027,S,5.00g,51.4,04/29/13,4
Misc : 130429-11,04/25/13,04/25/13,500
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 13:13:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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\05-10-13\
Data File : R9968.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 May 2013 18:07
Operator : JS
Sample : T-41S(0-2.,03804-028,S,5.02g,23.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,1000
ALS Vial : 89 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 11 16:09:01 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.41	6.65	96140605	135.8E6	165.836	185.127	
29) L7 Aroclor-1254 {2}	6.84	7.23	56400497	105.7E6	150.932	186.608	
30) L7 Aroclor-1254 {3}	7.01	7.66	109.9E6	101.4E6	162.929	271.582	#
31) L7 Aroclor-1254 {4}	7.44	7.84	151.1E6	103.7E6	209.532	184.396	
32) L7 Aroclor-1254 {5}	8.30	8.65	144.2E6	192.8E6	231.379	261.001	
Sum Aroclor-1254			557.7E6	639.5E6	920.608	1088.713	
Average Aroclor-1254					184.122	217.743	
33) L8 Aroclor-1260	8.30	7.41	144.2E6	165.9E6	168.433	365.857	#
34) L8 Aroclor-1260 {2}	8.97	7.66	41501197	101.4E6	104.782	153.551	#
35) L8 Aroclor-1260 {3}	9.45	9.24	110.1E6	82188505	116.756	148.439	#
36) L8 Aroclor-1260 {4}	9.93	9.75	51926987	131.8E6	102.475	114.802	
37) L8 Aroclor-1260 {5}	11.00	10.34	32175933	124.0E6	156.460	151.627	
Sum Aroclor-1260			379.9E6	605.3E6	648.906	934.276	
Average Aroclor-1260					129.781	186.855	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

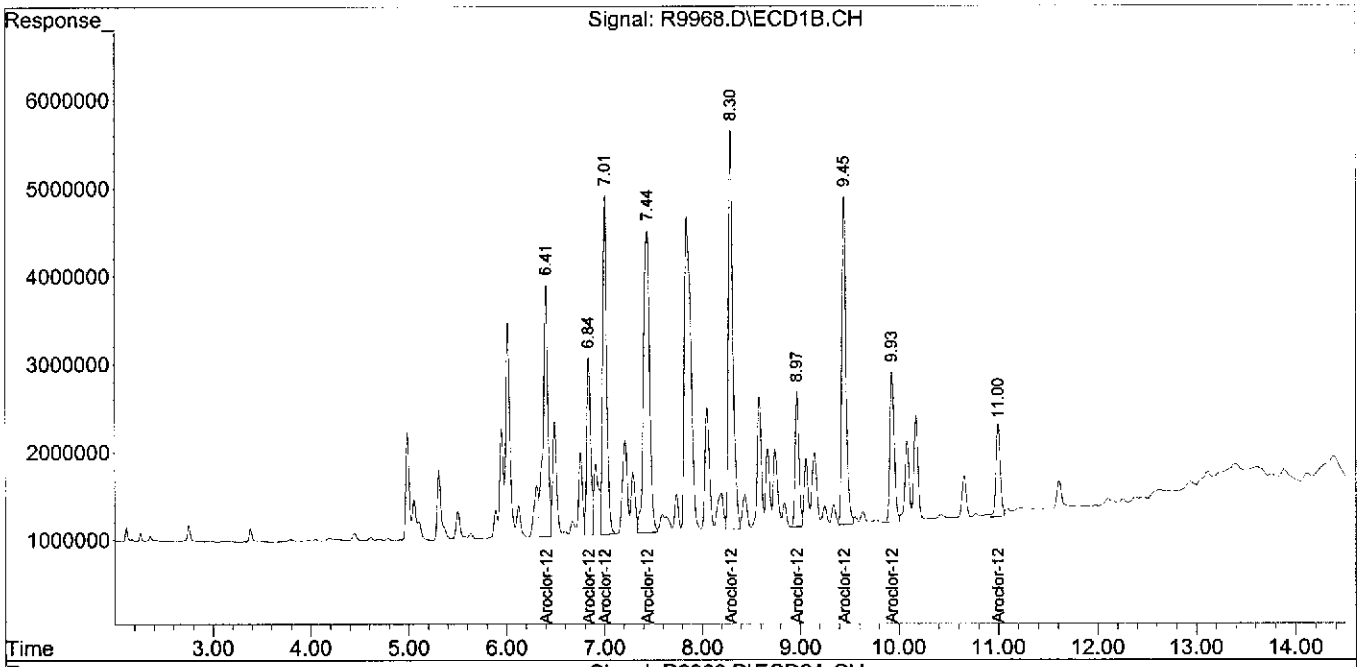
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

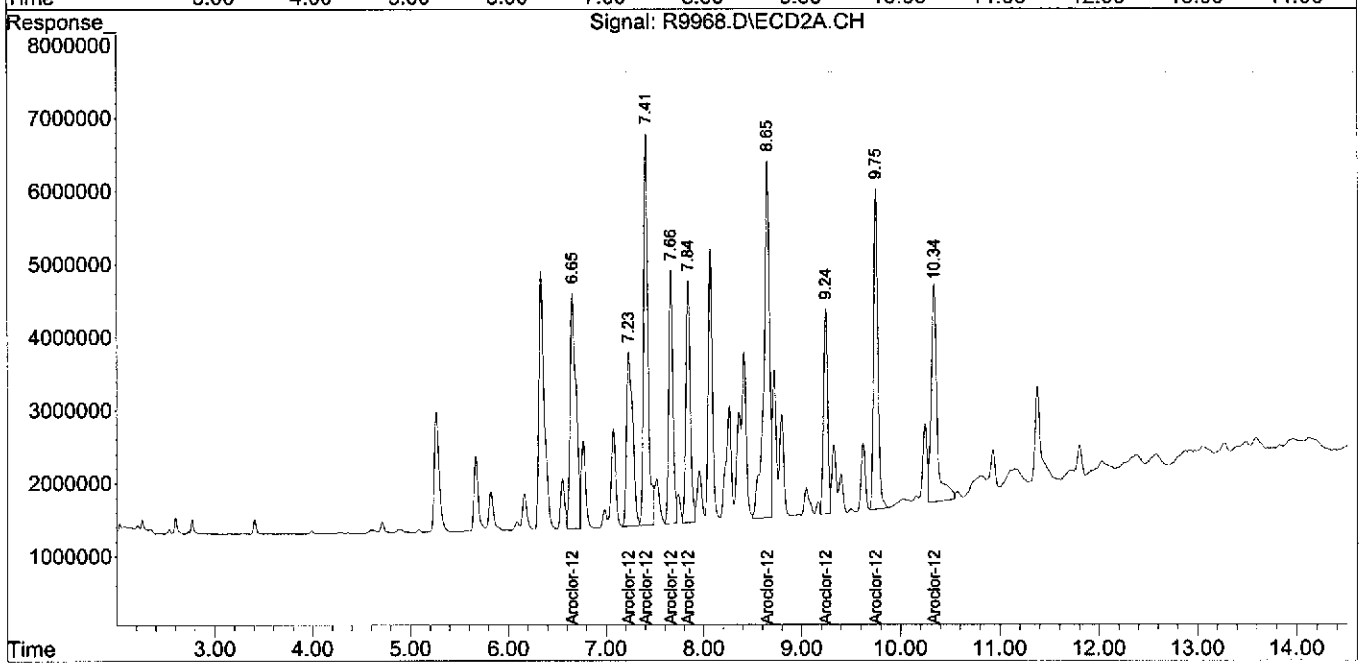
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-10-13\
Data File : R9968.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 May 2013 18:07
Operator : JS
Sample : T-41S(0-2.,03804-028,S,5.02g,23.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,1000
ALS Vial : 89 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 11 16:09:01 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9928.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:19
Operator : JS
Sample : T-41S(2.0-,03804-029,S,5.03g,63.8,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,500
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 12:26:54 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.41	6.65	386.6E6	466.7E6	666.906	636.295
29) L7 Aroclor-1254 {2}	6.84	0.00	211.9E6	0	567.176	N.D. d#
30) L7 Aroclor-1254 {3}	7.01	7.66	466.2E6	467.1E6	691.169	1250.702 #
31) L7 Aroclor-1254 {4}	7.43	7.84	651.6E6	351.5E6	903.913	624.772 #
32) L7 Aroclor-1254 {5}	8.30	8.65	592.1E6	792.1E6	949.928	1072.340
Sum Aroclor-1254			2308.5E6	2077.4E6	3779.092	3584.109
Average Aroclor-1254					755.818	896.027
33) L8 Aroclor-1260	8.30	7.41	592.1E6	602.0E6	691.501	1327.280 #
34) L8 Aroclor-1260 {2}	8.97	7.66	276.5E6	467.1E6	698.090	707.142
35) L8 Aroclor-1260 {3}	9.45	9.24	790.2E6	514.3E6	837.798	928.799
36) L8 Aroclor-1260 {4}	9.93	9.75	394.8E6	855.1E6	779.184	744.901
37) L8 Aroclor-1260 {5}	11.00	10.33	210.7E6	614.9E6	1024.378	752.018 #
Sum Aroclor-1260			2264.3E6	3053.4E6	4030.951	4460.140
Average Aroclor-1260					806.190	892.028
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

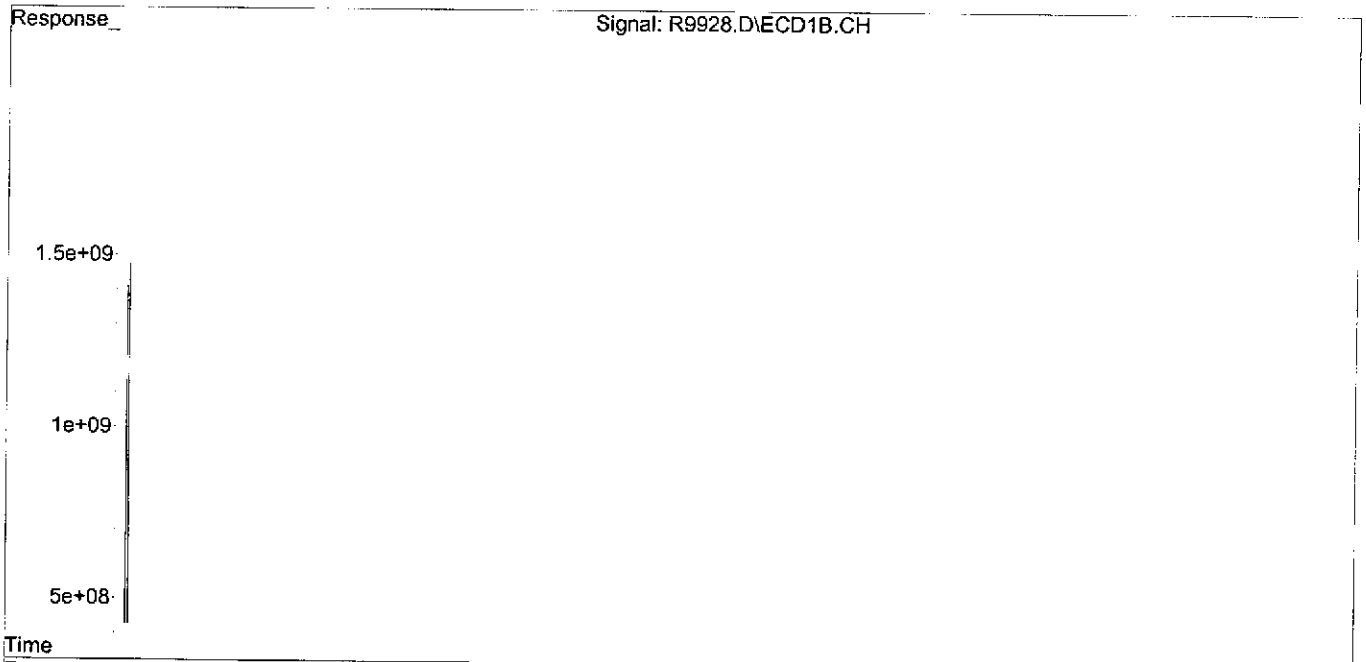
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

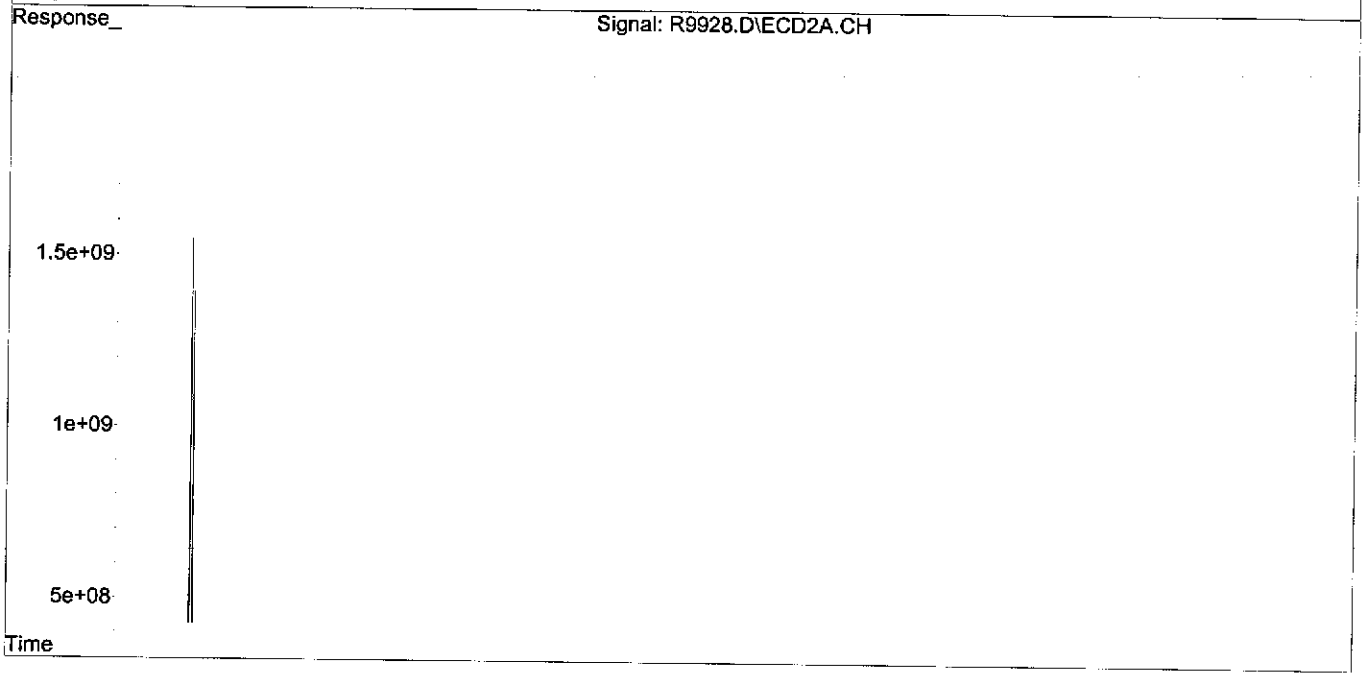
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9928.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:19
Operator : JS
Sample : T-41S(2.0-,03804-029,S,5.03g,63.8,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,500
ALS Vial : 11 Sample Multiplier: 1

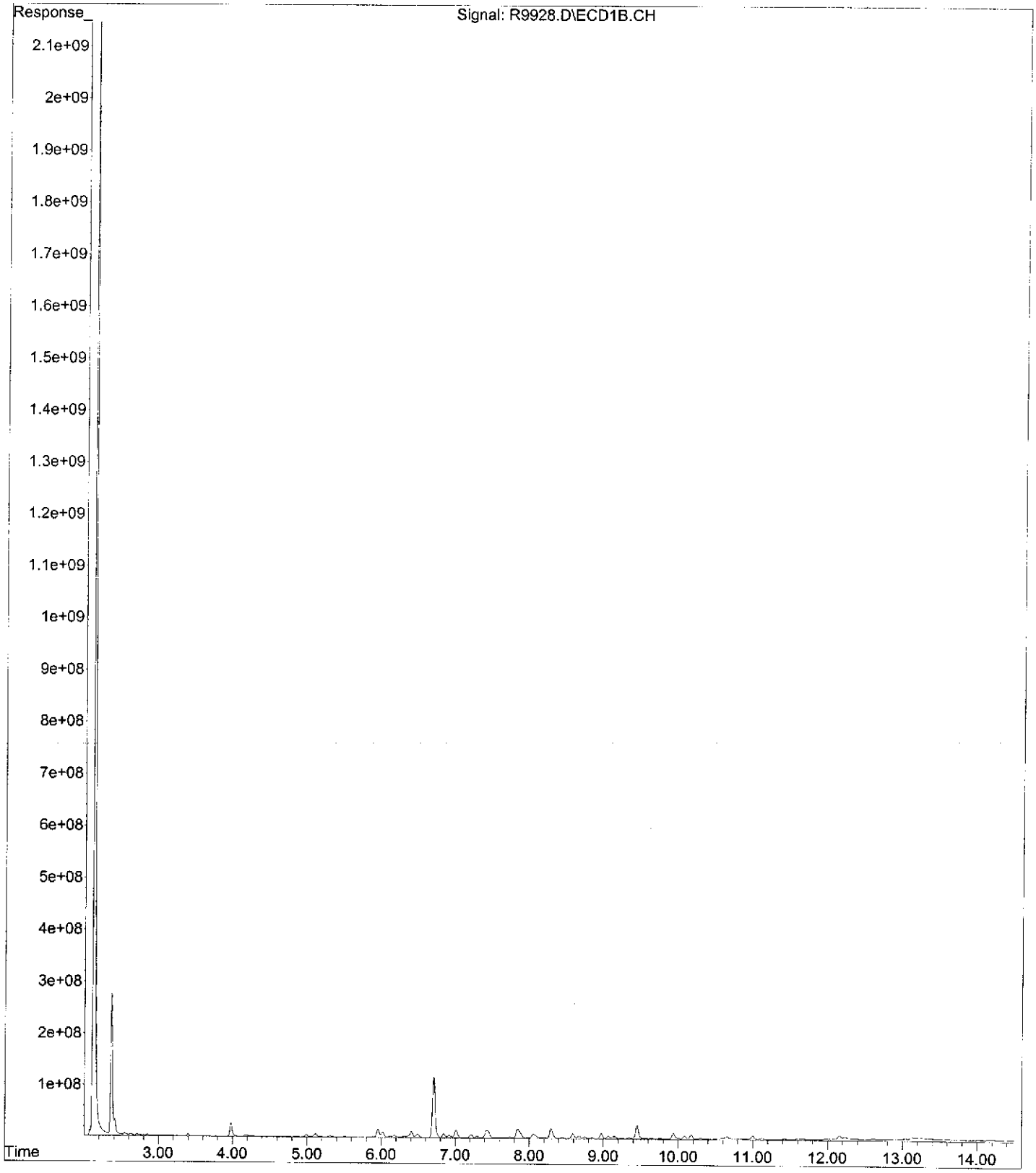
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 12:26:54 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

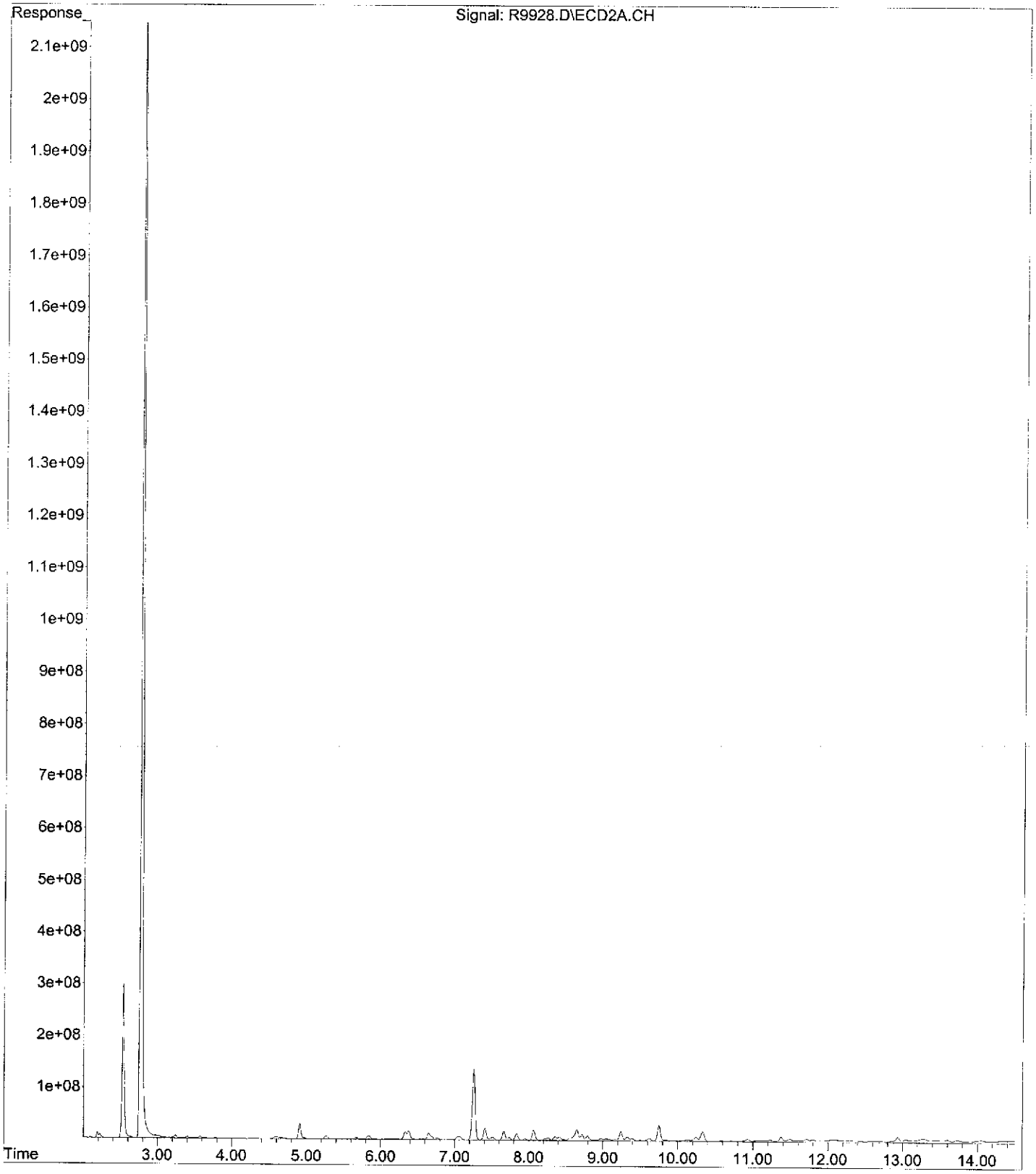




File :C:\MSDChem\1\DATA\05-09-13\R9928.D
Operator : JS
Acquired : 09 May 2013 20:19 using AcqMethod RPCB0417.M
Instrument : GC_R
Sample Name: T-41S(2.0-,03804-029,S,5.03g,63.8,04/29/13,4
Misc Info : 130429-12,04/25/13,04/25/13,500
Vial Number: 11



File :C:\MSDChem\1\DATA\05-09-13\R9928.D
Operator : JS
Acquired : 09 May 2013 20:19 using AcqMethod RPCB0417.M
Instrument : GC_R
Sample Name: T-41S(2.0-,03804-029,S,5.03g,63.8,04/29/13,4
Misc Info : 130429-12,04/25/13,04/25/13,500
Vial Number: 11



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:36
Operator : JS
Sample : T-42S(2.0-,03804-030,S,5.06g,21.4,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:21:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.41	6.65	70748332	102.2E6	122.036	139.304
29) L7 Aroclor-1254 {2}	6.84	7.25	48144779	124.8E6	128.839	220.252 #
30) L7 Aroclor-1254 {3}	7.01	7.66	100.8E6	82854201	149.391	221.832 #
31) L7 Aroclor-1254 {4}	7.44	7.84	138.3E6	87962978	191.896	156.354
32) L7 Aroclor-1254 {5}	8.30	8.65	146.3E6	168.3E6	234.715	227.822
Sum Aroclor-1254			504.3E6	566.0E6	826.877	965.564
Average Aroclor-1254					165.375	193.113
33) L8 Aroclor-1260	8.30	7.41	121.2E6	111.9E6	141.515m	246.617m#
34) L8 Aroclor-1260 {2}	8.98	7.66	43656723	80092041	110.225	121.242m
35) L8 Aroclor-1260 {3}	9.45	9.24	105.4E6	73143746	111.707	132.103m
36) L8 Aroclor-1260 {4}	9.93	9.75	46969903	148.3E6	92.693	129.204 #
37) L8 Aroclor-1260 {5}	11.00	10.33	30509103	98845657	148.355m	120.885
Sum Aroclor-1260			347.7E6	512.3E6	604.494	750.051
Average Aroclor-1260					120.899	150.010
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

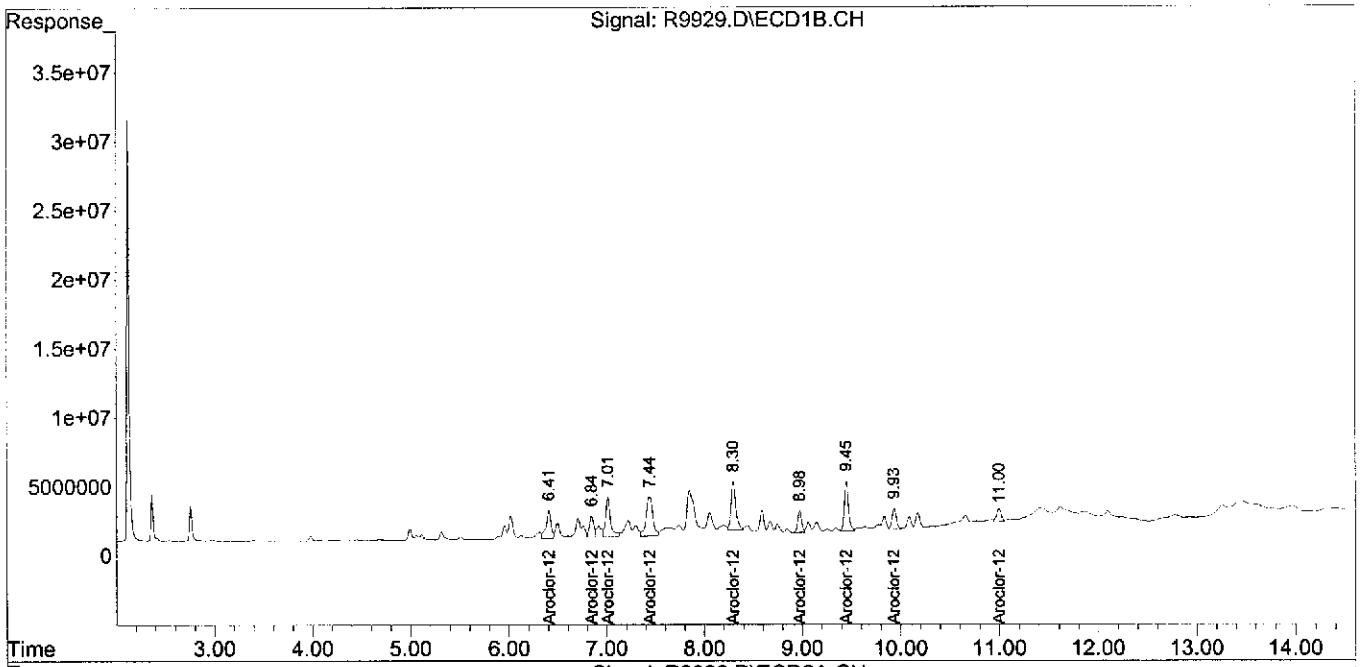
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

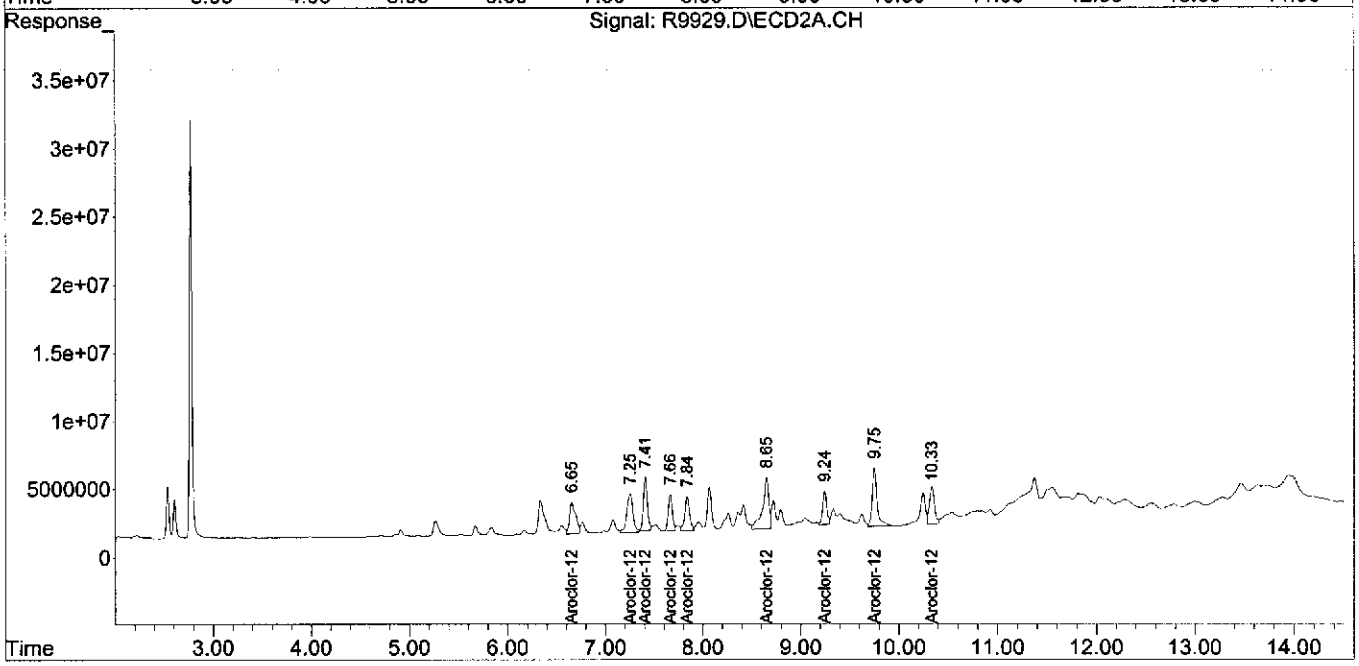
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:36
Operator : JS
Sample : T-42S(2.0-,03804-030,S,5.06g,21.4,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:21:06 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9930.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:53
Operator : JS
Sample : T-42S(4.0-,03804-031,S,5.01g,22.9,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:23:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.76	2.60	58031308	60914672	4.305	4.023m
Spiked Amount 200.000			Recovery	=	2.15%	2.01%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.41	13337665	18286902	15.577	40.320 #
34) L8 Aroclor-1260 {2}	8.98	7.66	9287694	13503472	23.450	20.441
35) L8 Aroclor-1260 {3}	9.45	9.24	21236271	12924288	22.514m	23.342
36) L8 Aroclor-1260 {4}	9.94	9.75	10017036	27219667	19.768m	23.711
37) L8 Aroclor-1260 {5}	11.00	10.34	11358378	29518117	55.232m	36.100m#
Sum Aroclor-1260			65237044	101.5E6	136.541	143.914
Average Aroclor-1260					27.308	28.783
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

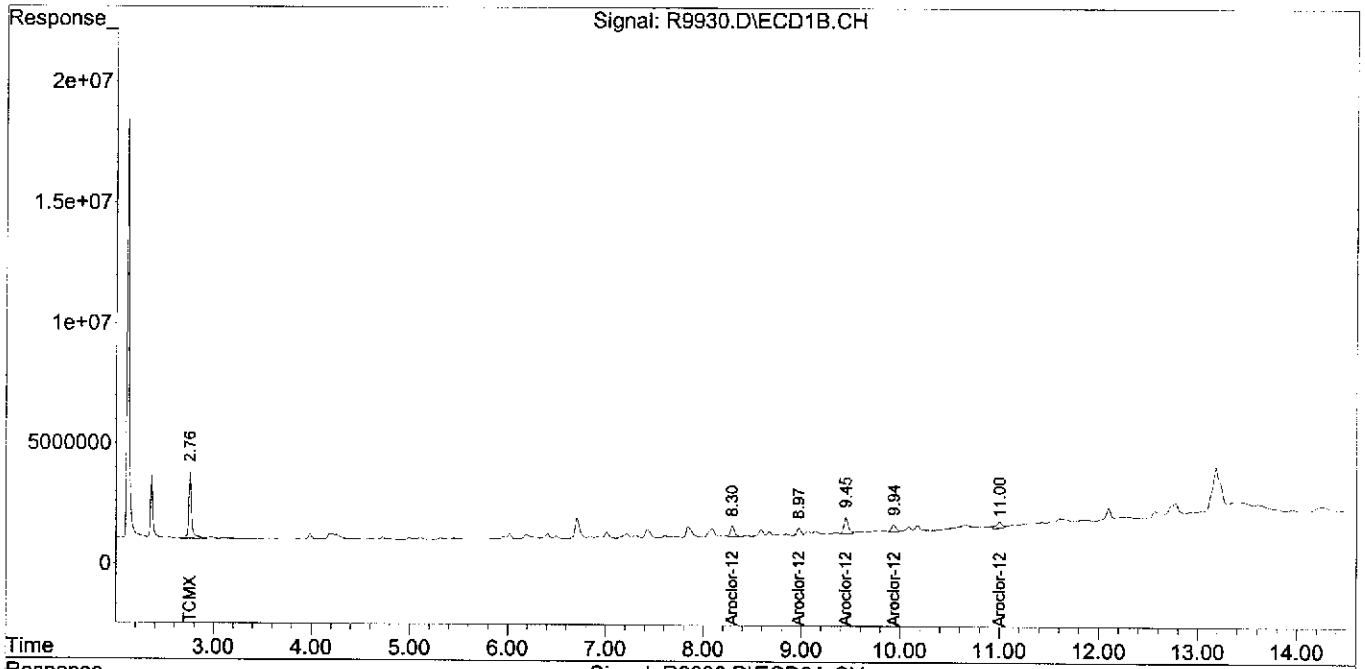
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

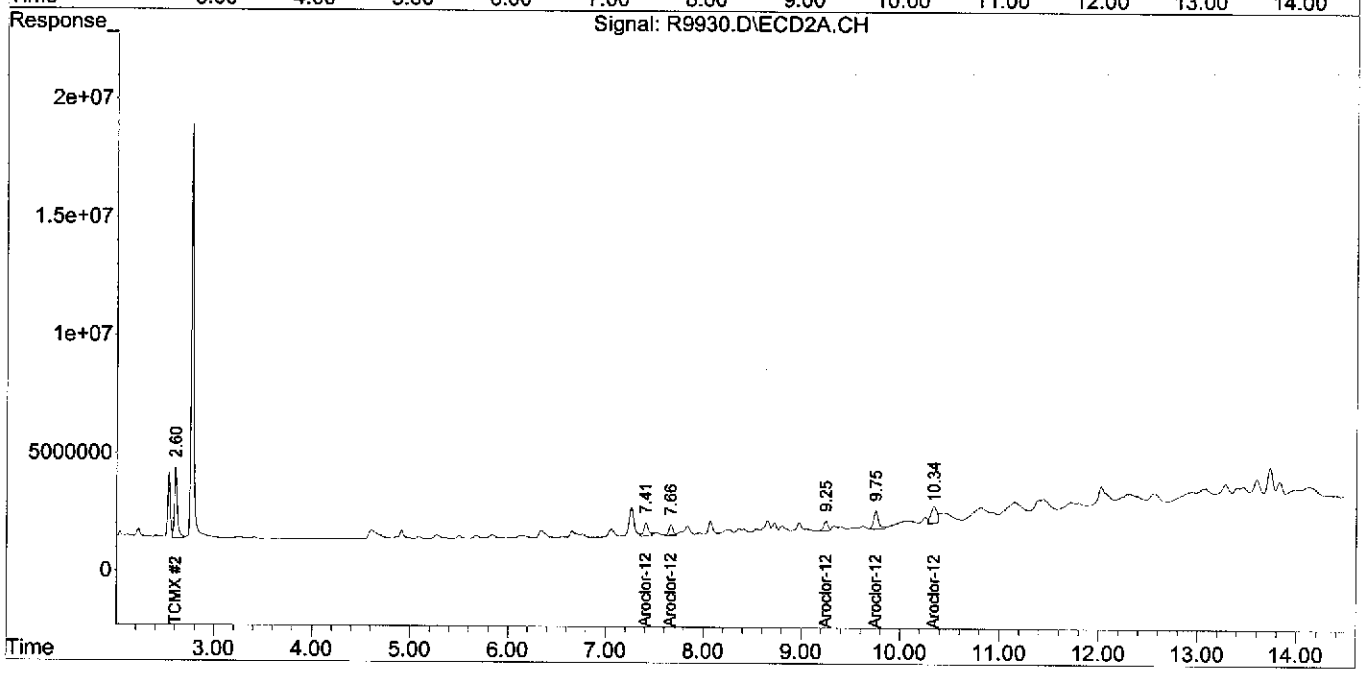
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9930.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 20:53
Operator : JS
Sample : T-42S(4.0-,03804-031,S,5.01g,22.9,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:23:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9931.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:11
Operator : JS
Sample : T-42W(0-2.,03804-032,S,5.00g,22.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:27:08 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds								
1) S TCMX		2.76	2.60	70146434	80417142	5.203	5.311	
Spiked Amount 200.000				Recovery	=	2.60%	2.66%	
2) S DCB		12.10	12.02	29654672	25855668	9.743m	7.479m	
Spiked Amount 200.000				Recovery	=	4.87%	3.74%	
Target Compounds								
Sum Aroclor-1016				0	0	N.D.	N.D.	
Average Aroclor-1016						0.000	0.000	
Sum Aroclor-1221				0	0	N.D.	N.D.	
Average Aroclor-1221						0.000	0.000	
Sum Aroclor-1232				0	0	N.D.	N.D.	
Average Aroclor-1232						0.000	0.000	
Sum Aroclor-1242				0	0	N.D.	N.D.	
Average Aroclor-1242						0.000	0.000	
Sum Aroclor-1248				0	0	N.D.	N.D.	
Average Aroclor-1248						0.000	0.000	
28) L7 Aroclor-1254		6.41	6.65	117.9E6	168.3E6	203.344	229.476	
29) L7 Aroclor-1254	{2}	6.84	7.23	62432679	131.2E6	167.074	231.625	#
30) L7 Aroclor-1254	{3}	7.01	7.66	128.1E6	170.8E6	189.929	457.324	#
31) L7 Aroclor-1254	{4}	7.43	7.84	213.3E6	129.0E6	295.849	229.305	
32) L7 Aroclor-1254	{5}	8.30	8.65	220.9E6	293.6E6	354.386	397.443	
Sum Aroclor-1254				742.6E6	892.9E6	1210.582	1545.172	
Average Aroclor-1254						242.116	309.034	
33) L8 Aroclor-1260		8.30	7.41	220.9E6	201.6E6	257.976	444.546	#
34) L8 Aroclor-1260	{2}	8.97	7.66	98497974	170.8E6	248.688	258.569	
35) L8 Aroclor-1260	{3}	9.45	9.24	261.1E6	151.9E6	276.812	274.367	
36) L8 Aroclor-1260	{4}	9.93	9.75	116.5E6	297.4E6	229.809	259.027	
37) L8 Aroclor-1260	{5}	11.00	10.33	80909973	229.8E6	393.437	281.074	#
Sum Aroclor-1260				777.8E6	1051.5E6	1406.722	1517.583	
Average Aroclor-1260						281.344	303.517	
Sum Aroclor-1262				0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000	
Sum Aroclor-1268				0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9931.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:11
Operator : JS
Sample : T-42W(0-2.,03804-032,S,5.00g,22.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:27:08 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

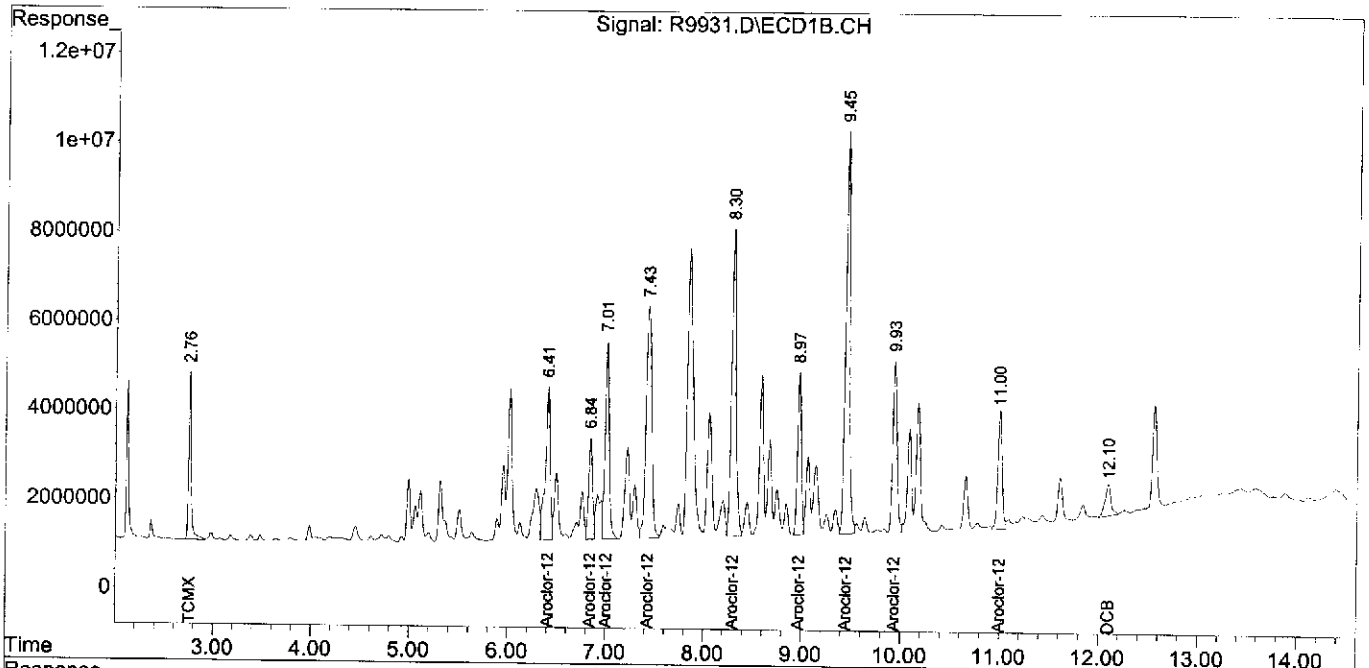
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

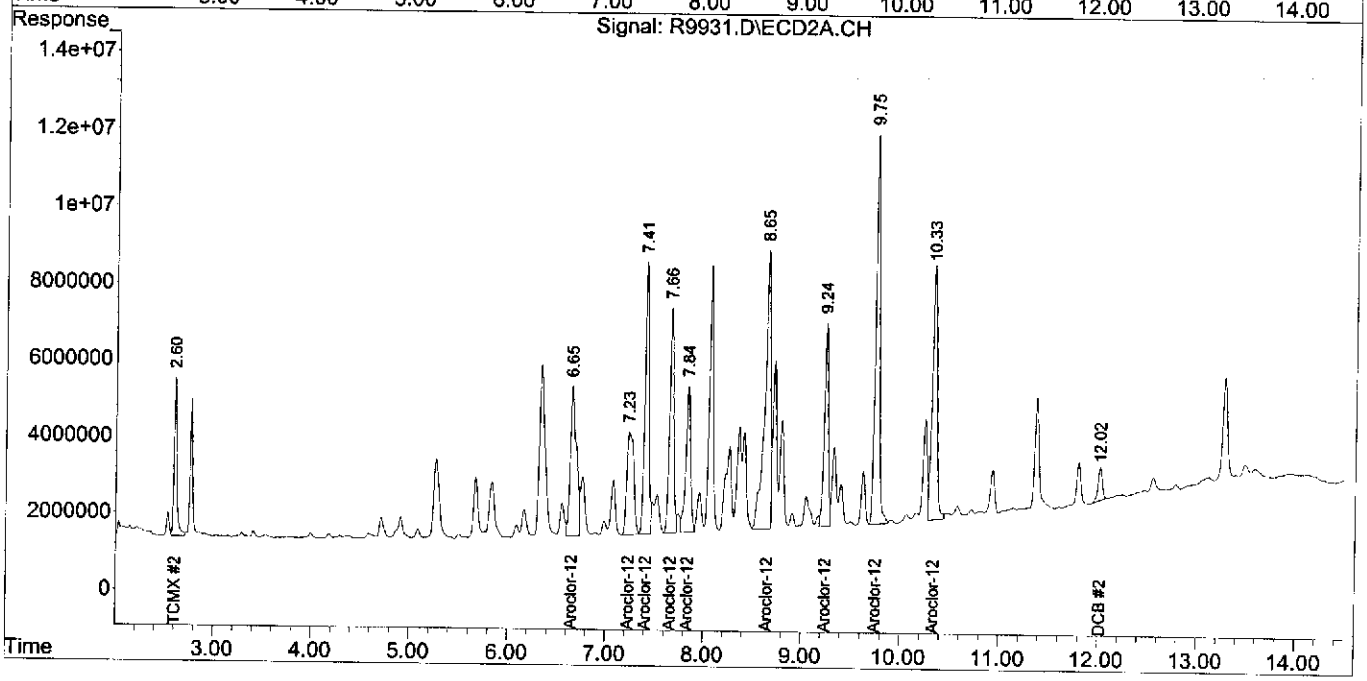
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9931.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:11
Operator : JS
Sample : T-42W(0-2.,03804-032,S,5.00g,22.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:27:08 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9932.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:28
Operator : JS
Sample : T-42W(4.0-,03804-033,S,5.04g,43.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:30:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.41	6.65	96524937	129.9E6	166.499	177.093	
29) L7 Aroclor-1254 {2}	6.84	7.23	41288187	96100990	110.490	169.653	#
30) L7 Aroclor-1254 {3}	7.01	7.66	86482705	130.4E6	128.208	349.224	#
31) L7 Aroclor-1254 {4}	7.43	7.84	137.7E6	82098936	190.944	145.931	
32) L7 Aroclor-1254 {5}	8.30	8.65	129.9E6	198.9E6	208.342	269.291	#
Sum Aroclor-1254			491.8E6	637.4E6	804.483	1111.192	
Average Aroclor-1254					160.897	222.238	
33) L8 Aroclor-1260	8.30	7.41	129.9E6	120.6E6	151.663	265.938	#
34) L8 Aroclor-1260 {2}	8.97	7.66	80443054	130.4E6	203.103	197.450	
35) L8 Aroclor-1260 {3}	9.45	9.24	221.9E6	129.0E6	235.231	233.004	
36) L8 Aroclor-1260 {4}	9.94	9.75	108.7E6	240.8E6	214.611	209.773	
37) L8 Aroclor-1260 {5}	11.00	10.33	53222753	179.1E6	258.804m	219.057	
Sum Aroclor-1260			594.2E6	800.0E6	1063.411	1125.222	
Average Aroclor-1260					212.682	225.044	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

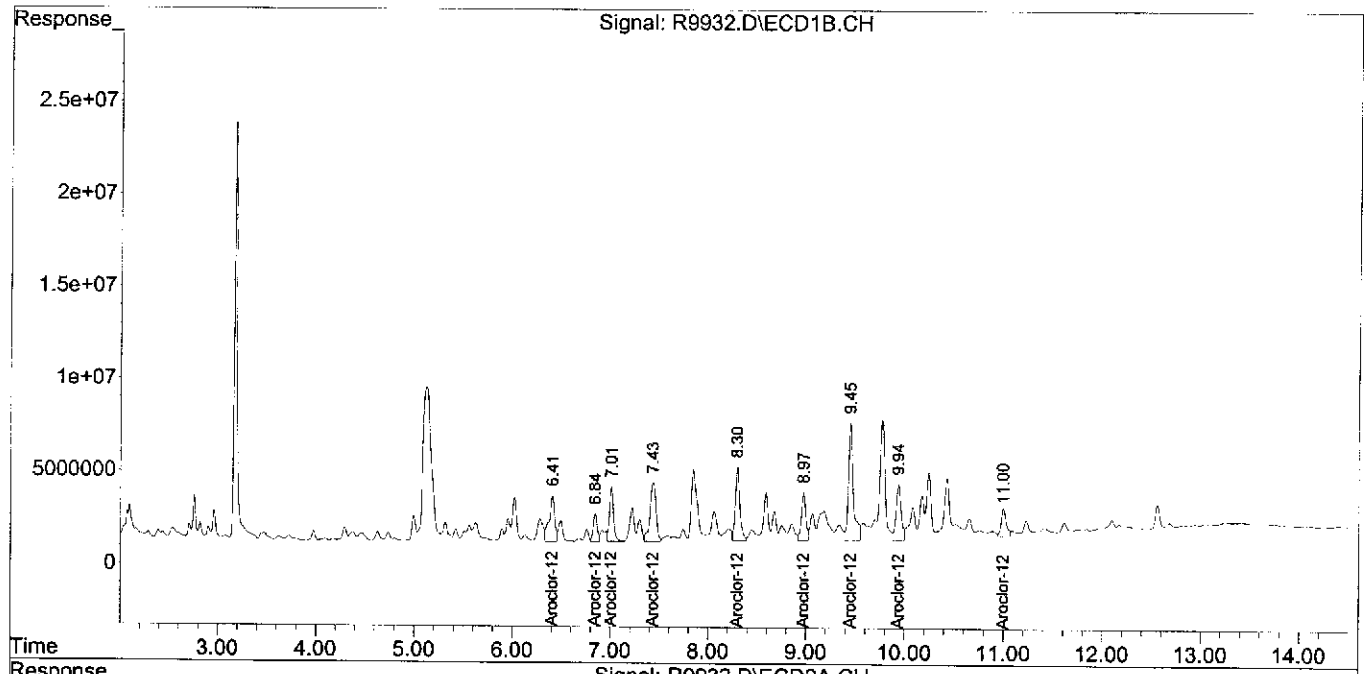
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

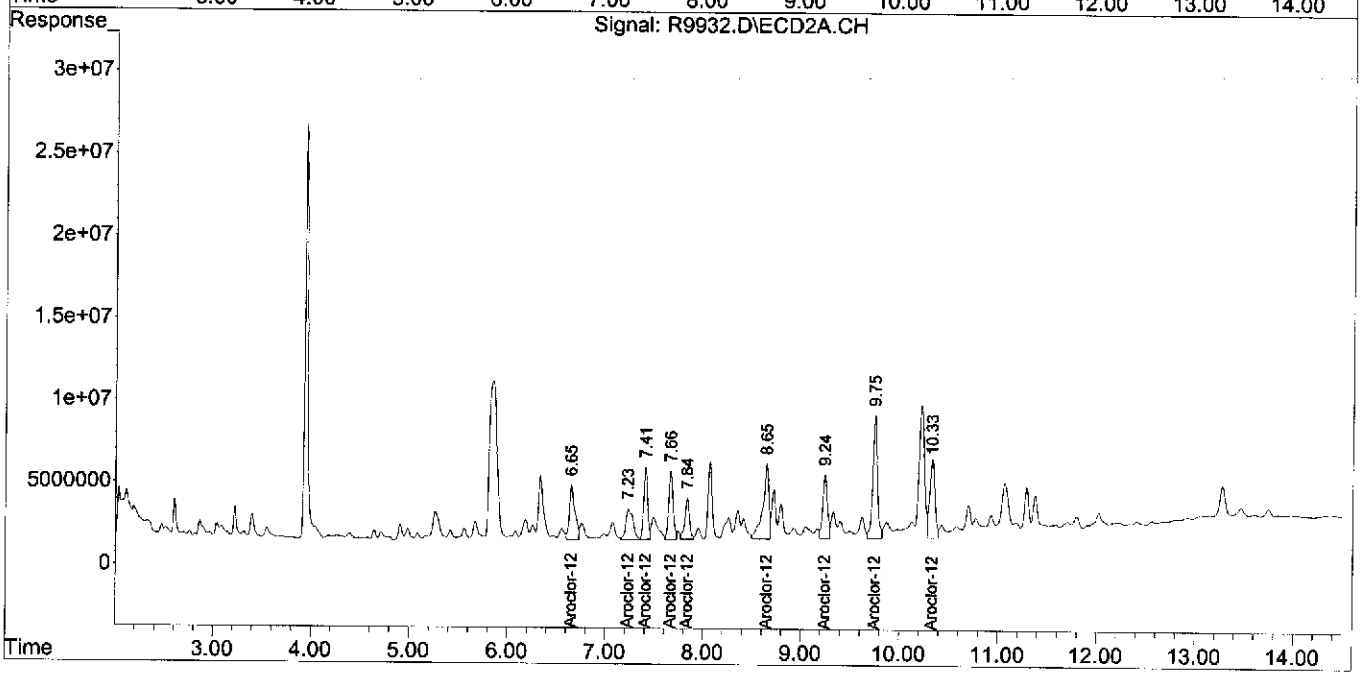
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9932.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:28
Operator : JS
Sample : T-42W(4.0-,03804-033,S,5.04g,43.5,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:30:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9933.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:45
Operator : JS
Sample : T-41W(0-2.,03804-034,S,5.03g,12.3,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,300
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:32:49 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.41	6.65	148.4E6	198.1E6	255.952	270.015	
29) L7 Aroclor-1254 {2}	6.84	7.23	83259931	155.3E6	222.810	274.245	
30) L7 Aroclor-1254 {3}	7.01	7.66	164.9E6	189.5E6	244.395	507.247	#
31) L7 Aroclor-1254 {4}	7.43	7.84	255.6E6	141.8E6	354.598	251.964	#
32) L7 Aroclor-1254 {5}	8.30	8.65	235.0E6	314.0E6	376.969	425.134	
Sum Aroclor-1254			887.1E6	998.6E6	1454.724	1728.605	
Average Aroclor-1254					290.945	345.721	
33) L8 Aroclor-1260	8.30	7.41	235.0E6	267.8E6	274.415	590.523	#
34) L8 Aroclor-1260 {2}	8.98	7.66	106.5E6	189.5E6	268.768	286.795	
35) L8 Aroclor-1260 {3}	9.45	9.24	271.5E6	170.7E6	287.841	308.356	
36) L8 Aroclor-1260 {4}	9.93	9.75	117.0E6	321.9E6	230.828	280.399	
37) L8 Aroclor-1260 {5}	11.00	10.33	76688128	237.1E6	372.908	289.927	
Sum Aroclor-1260			806.6E6	1187.0E6	1434.759	1755.999	
Average Aroclor-1260					286.952	351.200	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

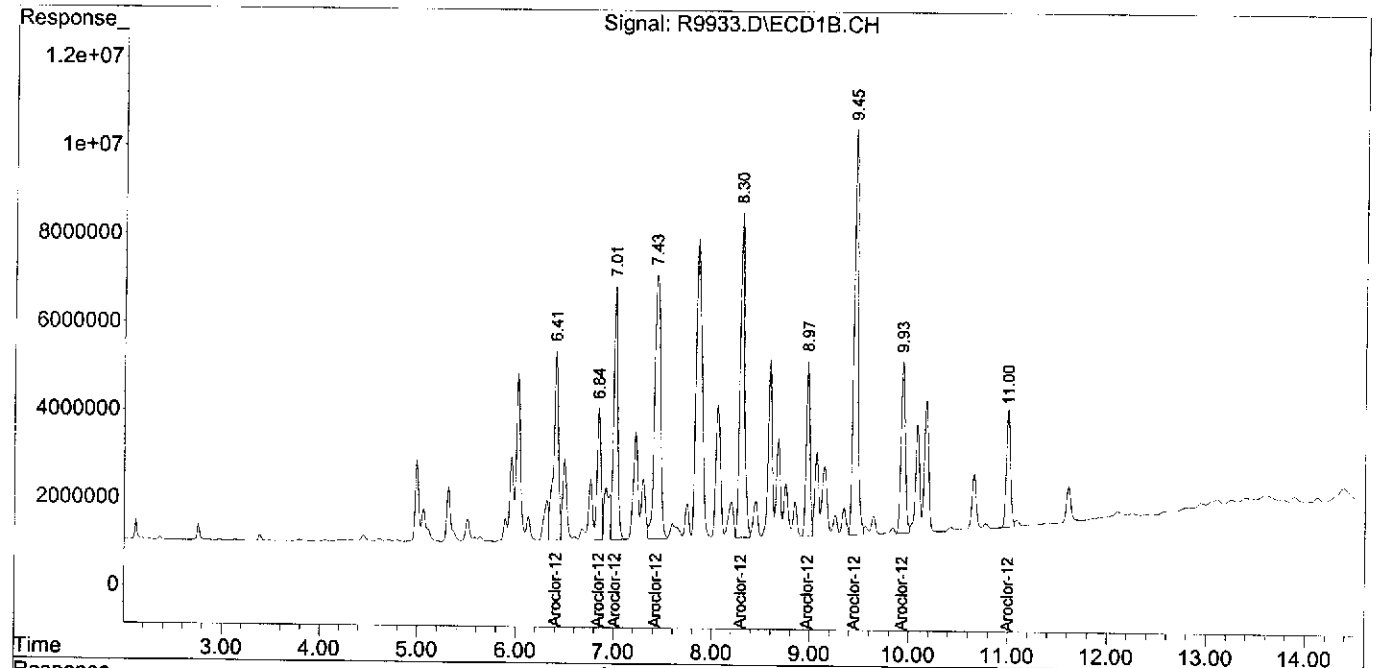
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

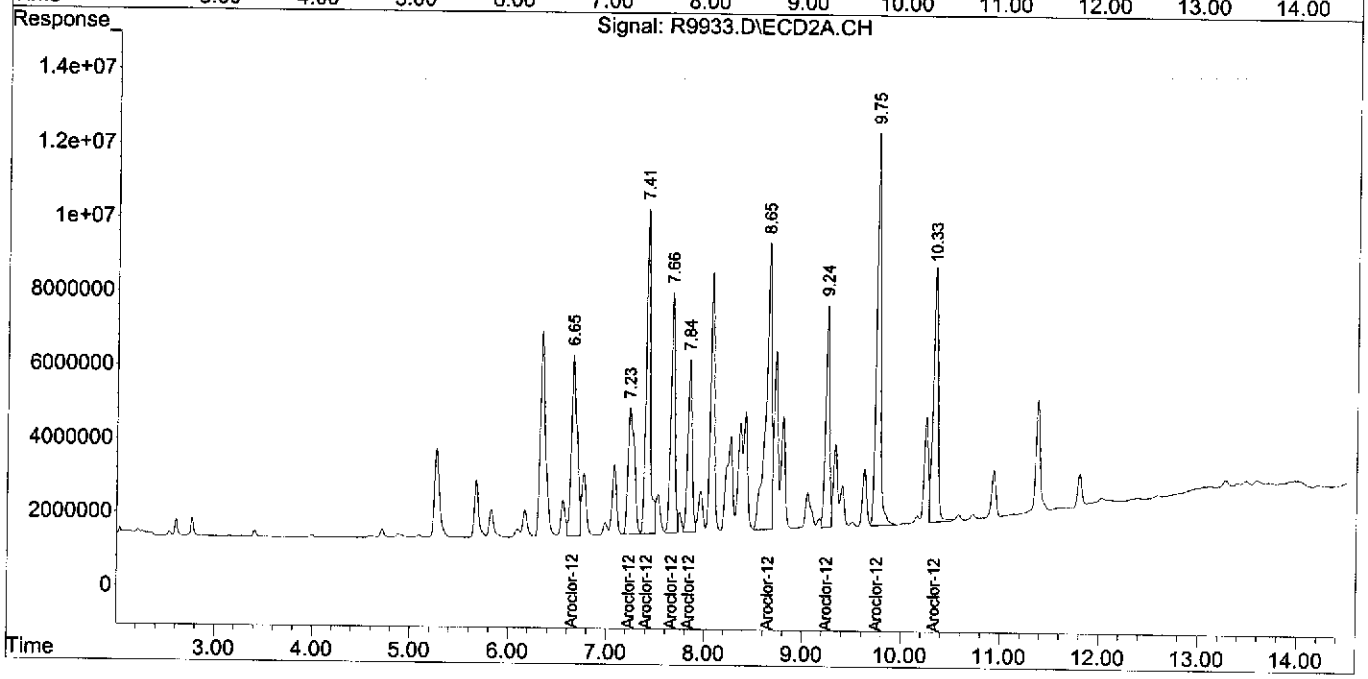
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9933.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 21:45
Operator : JS
Sample : T-41W(0-2.,03804-034,S,5.03g,12.3,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,300
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:32:49 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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\05-09-13\
Data File : R9934.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 22:03
Operator : JS
Sample : T-41W(2.0-,03804-035,S,5.00g,45.8,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:45:32 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.41	6.65	609.0E6	688.3E6	1050.433	938.422
29) L7 Aroclor-1254 {2}	6.84	7.23	303.5E6	556.6E6	812.285	982.642
30) L7 Aroclor-1254 {3}	7.01	7.66	619.7E6	666.5E6	918.744	1784.352 #
31) L7 Aroclor-1254 {4}	7.43	7.84	863.6E6	507.2E6	1197.941	901.618
32) L7 Aroclor-1254 {5}	8.30	8.65	827.1E6	980.7E6	1326.981	1327.645m
Sum Aroclor-1254			3223.0E6	3399.3E6	5306.386	5934.679
Average Aroclor-1254					1061.277	1186.936
33) L8 Aroclor-1260	8.30	0.00	827.1E6	0	965.977	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	7.66	375.0E6	666.5E6	946.685	1008.865
35) L8 Aroclor-1260 {3}	9.45	9.24	1115.0E6	758.8E6	1182.076	1370.392
36) L8 Aroclor-1260 {4}	9.93	9.75	438.1E6	1308.2E6	864.484	1139.609 #
37) L8 Aroclor-1260 {5}	11.00	10.33	281.6E6	774.9E6	1369.430	947.740 #
Sum Aroclor-1260			3036.7E6	3508.4E6	5328.653	4466.606
Average Aroclor-1260					1065.731	1116.652
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

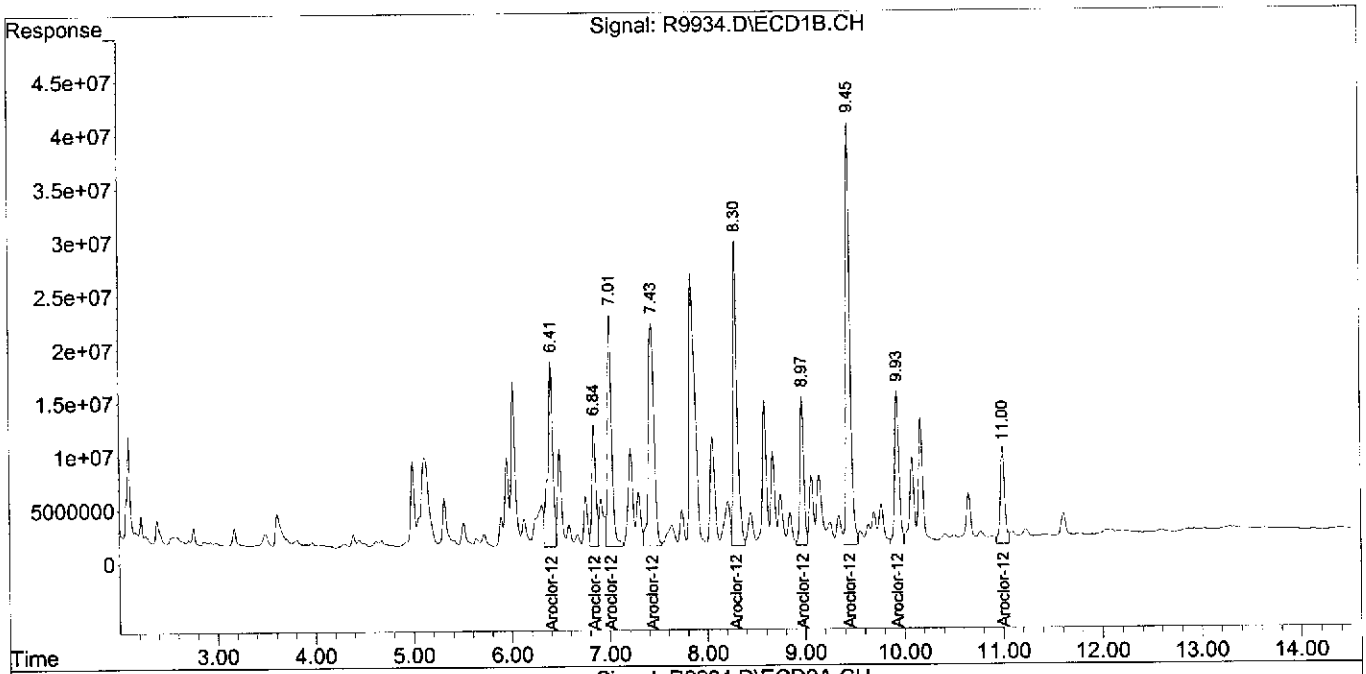
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

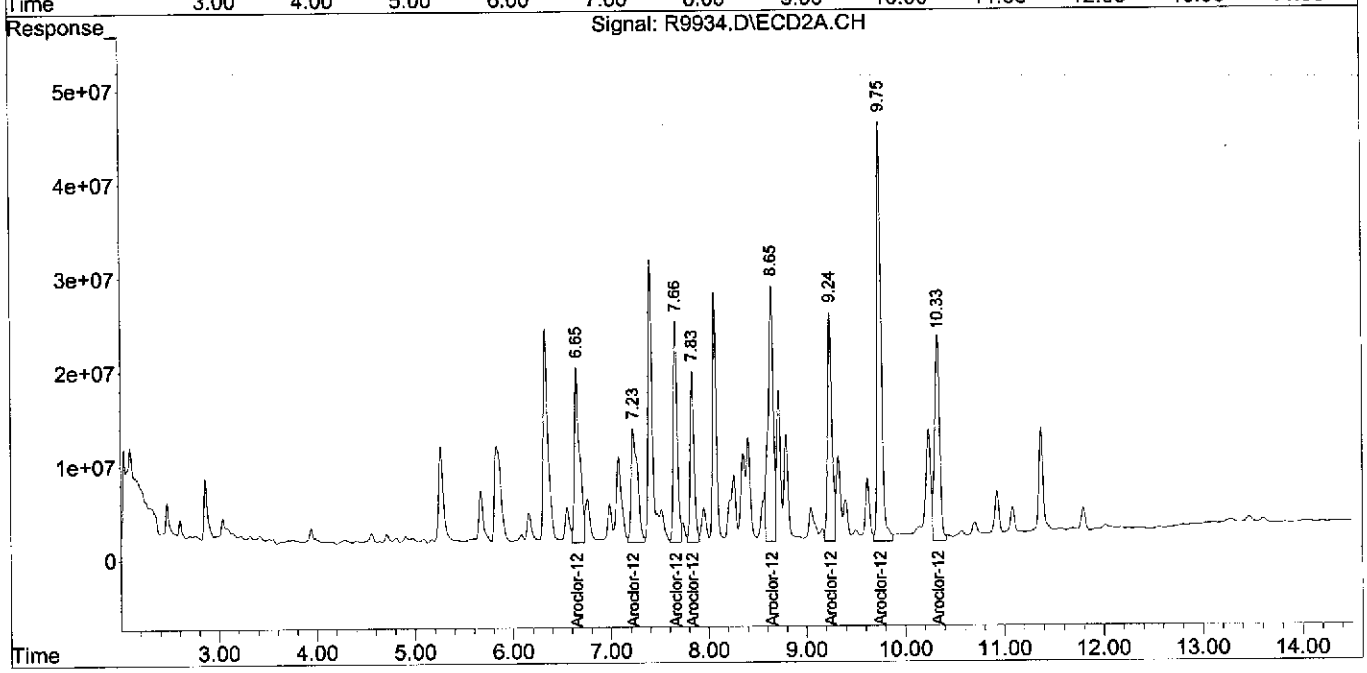
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9934.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 22:03
Operator : JS
Sample : T-41W(2.0-,03804-035,S,5.00g,45.8,04/29/13,4
Misc : 130429-12,04/25/13,04/25/13,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 13:45:32 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
Data File : R9853.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 May 2013 17:42
Operator : JS
Sample : FB-77,03804-036,A,1000ml,100,05/02/13,1
Misc : 130502-08,04/25/13,04/25/13,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 09 12:58:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2300.8E6	2556.1E6	170.662	168.799
Spiked Amount 200.000			Recovery	=	85.33%	84.40%
2) S DCB	12.10	12.02	621.4E6	689.3E6	204.147	199.399
Spiked Amount 200.000			Recovery	=	102.07%	99.70%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

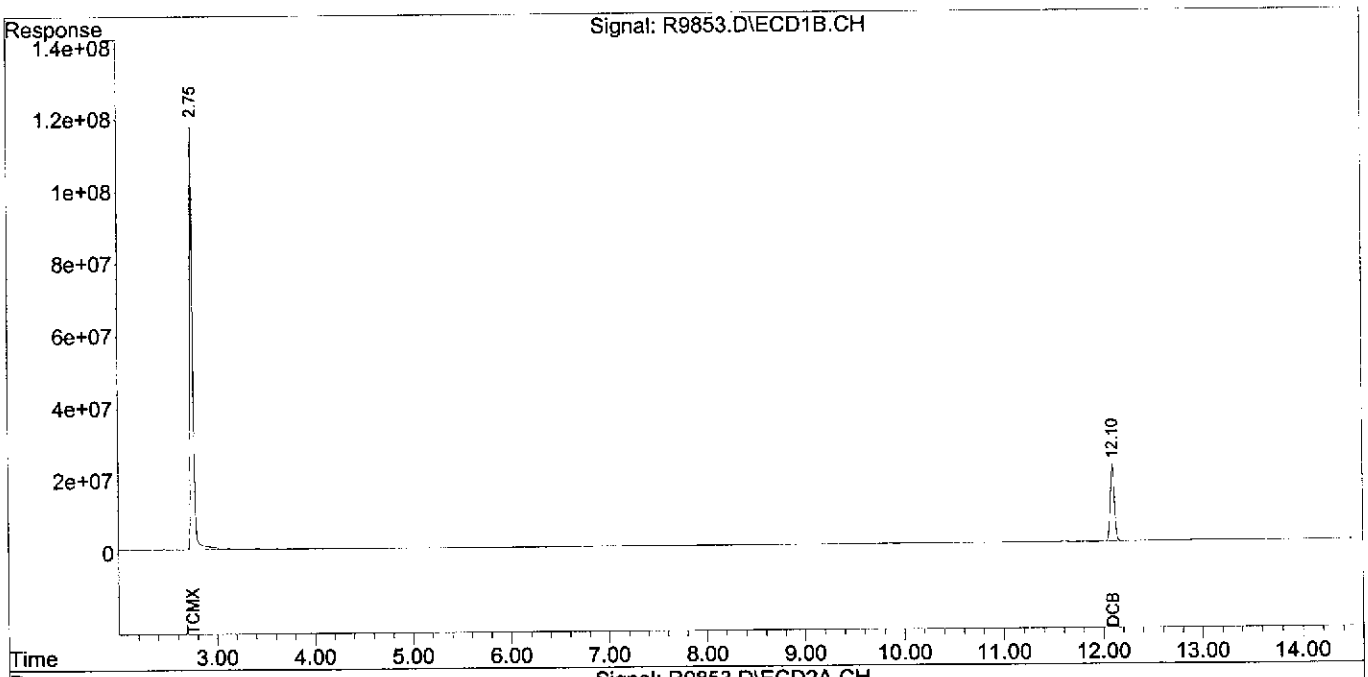
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

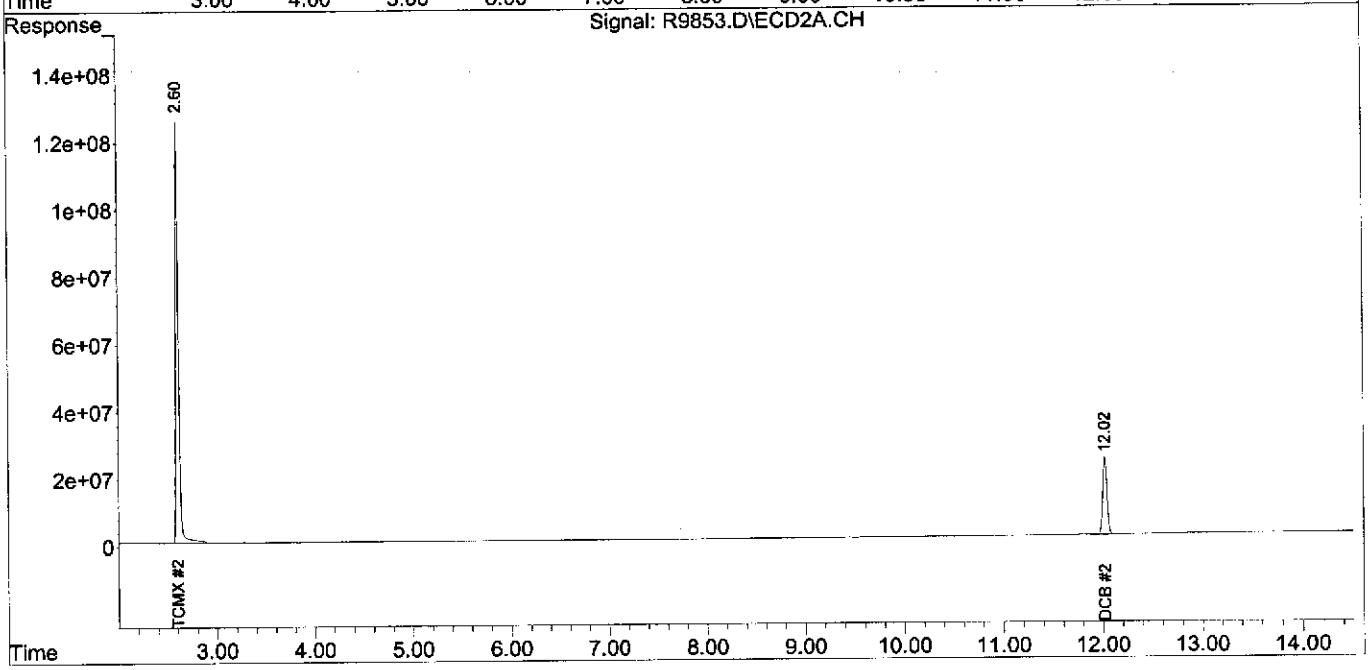
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
Data File : R9853.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 May 2013 17:42
Operator : JS
Sample : FB-77,03804-036,A,1000ml,100,05/02/13,1
Misc : 130502-08,04/25/13,04/25/13,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 09 12:58:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS130428-07
Client ID: PCB
Date Received: NA
Date Extracted: 04/28/2013
Date Analyzed: 05/04/2013
Data file: R9571.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

E13-03804 0174

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9571.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 00:08
Operator : JS
Sample : PCB,BLKS130428-07,S,5.00g,0,04/28/13,4
Misc : NA,NA,NA,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 17:47:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2555.5E6	2826.8E6	189.556	186.678
Spiked Amount 200.000			Recovery	=	94.78%	93.34%
2) S DCB	12.10	12.02	737.2E6	817.4E6	242.198	236.465
Spiked Amount 200.000			Recovery	=	121.10%	118.23%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

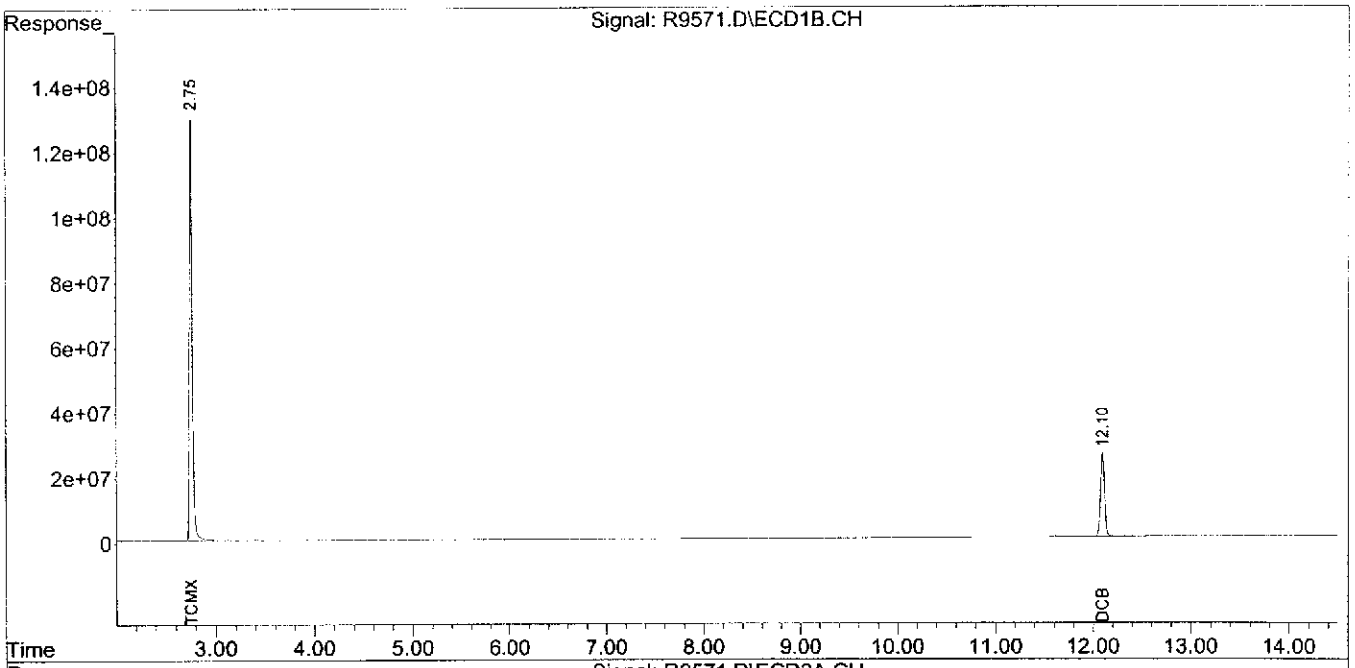
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

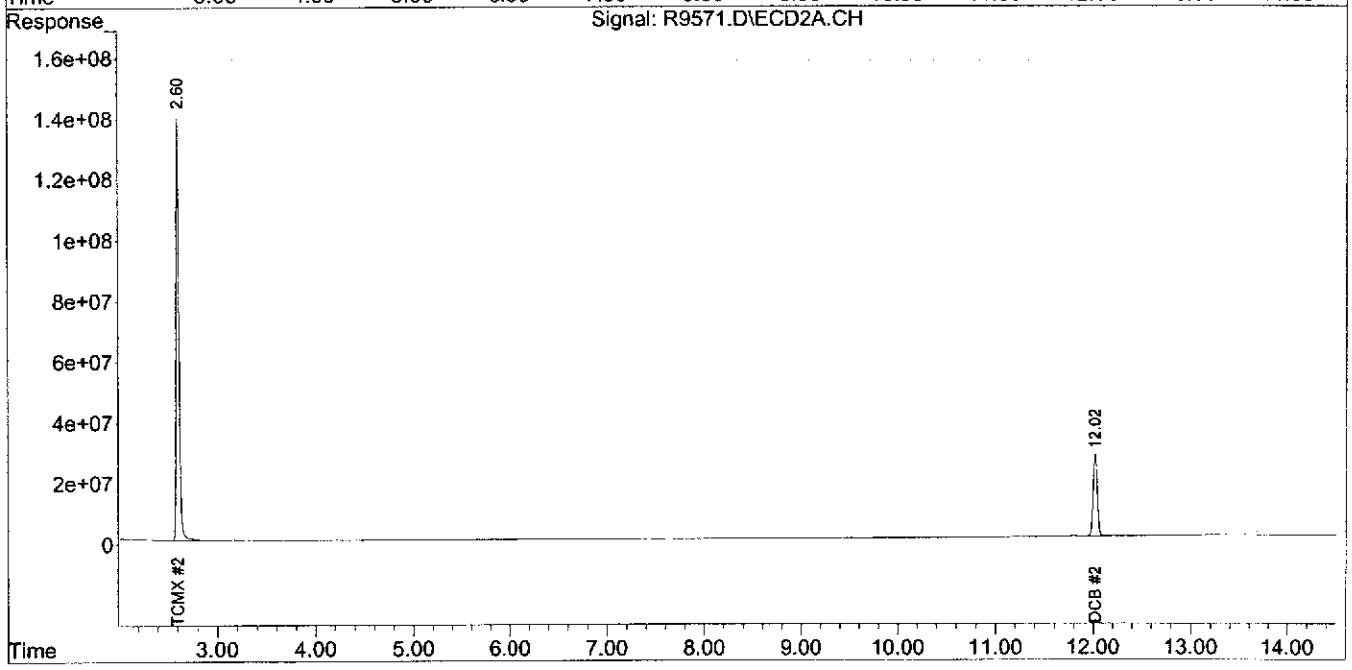
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9571.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 00:08
Operator : JS
Sample : PCB,BLKS130428-07,S,5.00g,0,04/28/13,4
Misc : NA,NA,NA,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 17:47:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS130429-11
Client ID: PCB
Date Received: NA
Date Extracted: 04/29/2013
Date Analyzed: 05/04/2013
Data file: R9597.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9597.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 8:50
Operator : JS
Sample : PCB,BLKS130429-11,S,5.00g,0,04/29/13,4
Misc : NA,NA,NA,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:55:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2483.6E6	2733.6E6	184.219	180.522
Spiked Amount 200.000			Recovery	=	92.11%	90.26%
2) S DCB	12.10	12.02	724.7E6	804.3E6	238.085	232.676
Spiked Amount 200.000			Recovery	=	119.04%	116.34%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

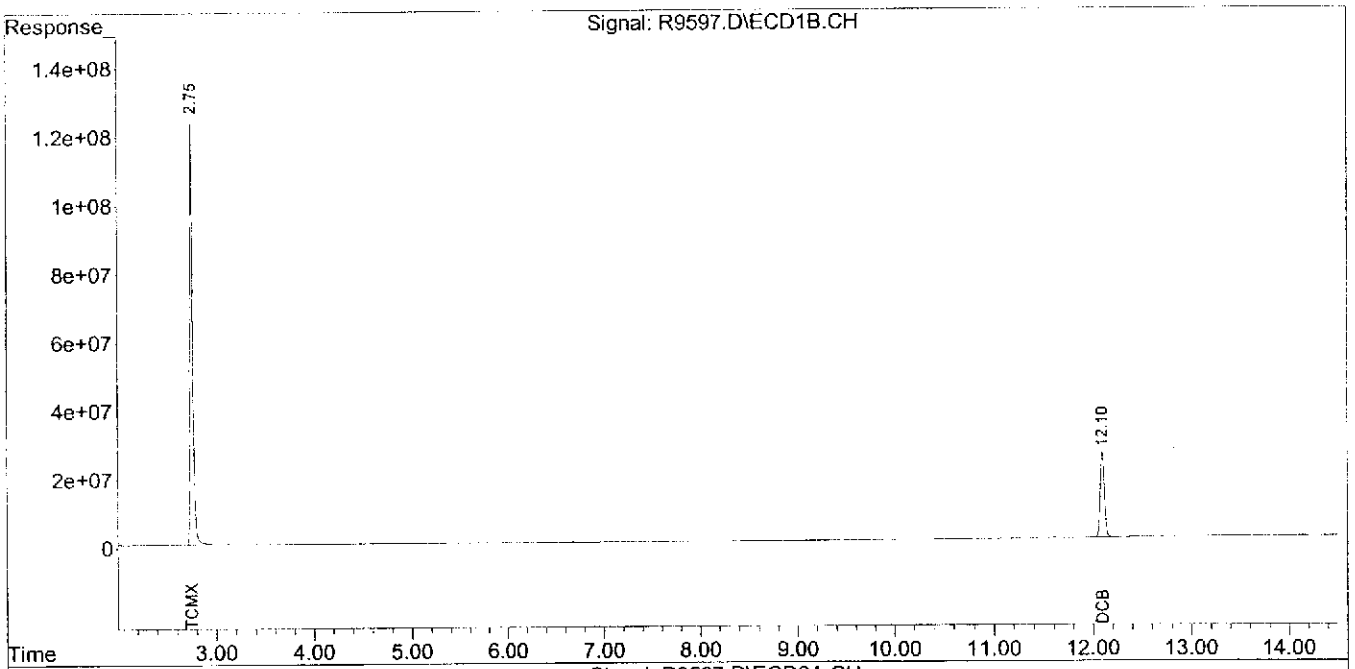
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

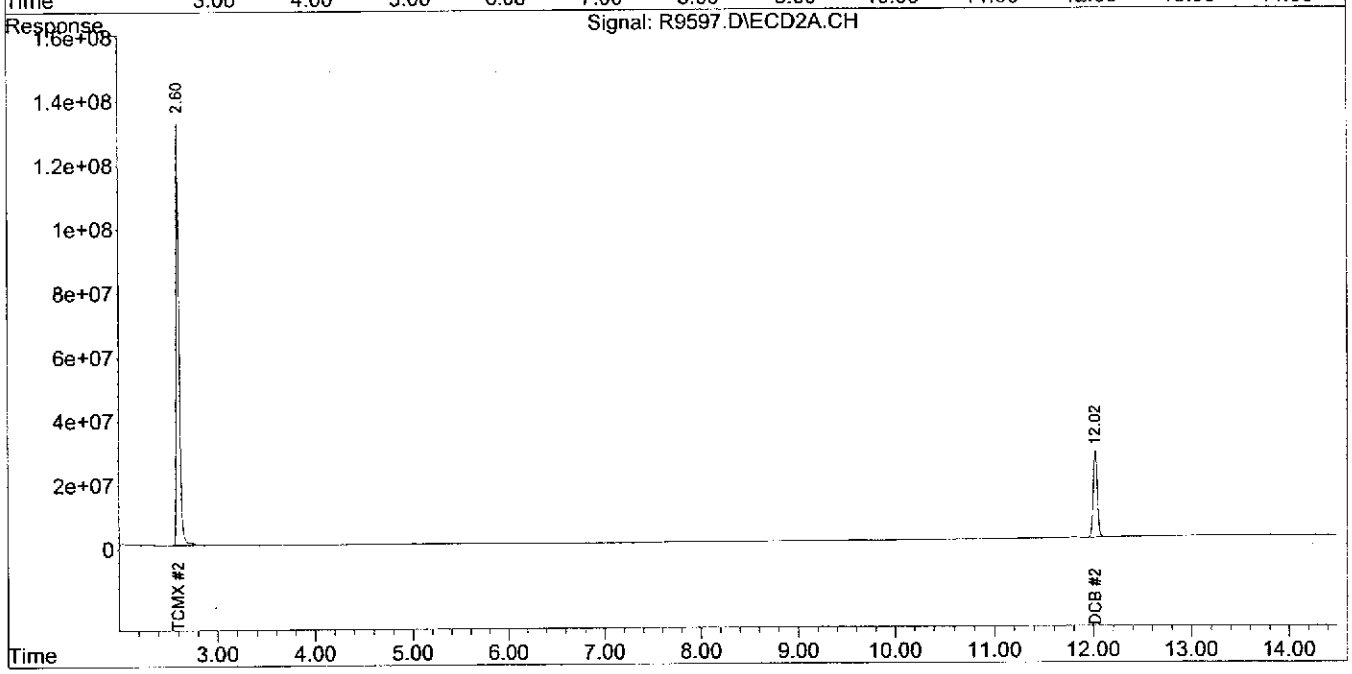
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-03-13\
Data File : R9597.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 May 2013 8:50
Operator : JS
Sample : PCB,BLKS130429-11,S,5.00g,0,04/29/13,4
Misc : NA,NA,NA,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 07 11:55:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Thu May 02 16:02:15 2013
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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA130502-08
Client ID: PCB
Date Received: NA
Date Extracted: 05/02/2013
Date Analyzed: 05/08/2013
Data file: R9852.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
Data File : R9852.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 May 2013 17:25
Operator : JS
Sample : PCB,BLKA130502-08,A,1000ml,100,05/02/13,1
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 09 12:57:32 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.61	2201.2E6	2465.5E6	163.275	162.817
Spiked Amount 200.000			Recovery	=	81.64%	81.41%
2) S DCB	12.10	12.03	626.3E6	699.6E6	205.758	202.386
Spiked Amount 200.000			Recovery	=	102.88%	101.19%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

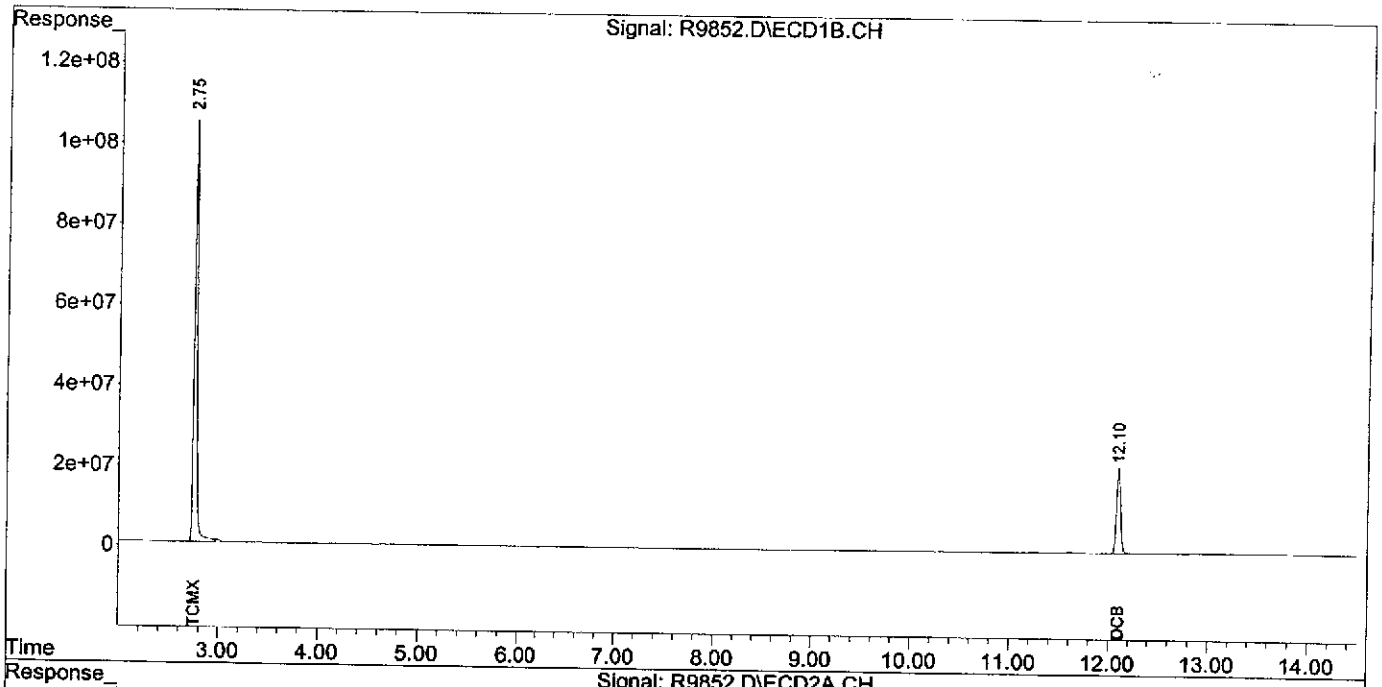
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

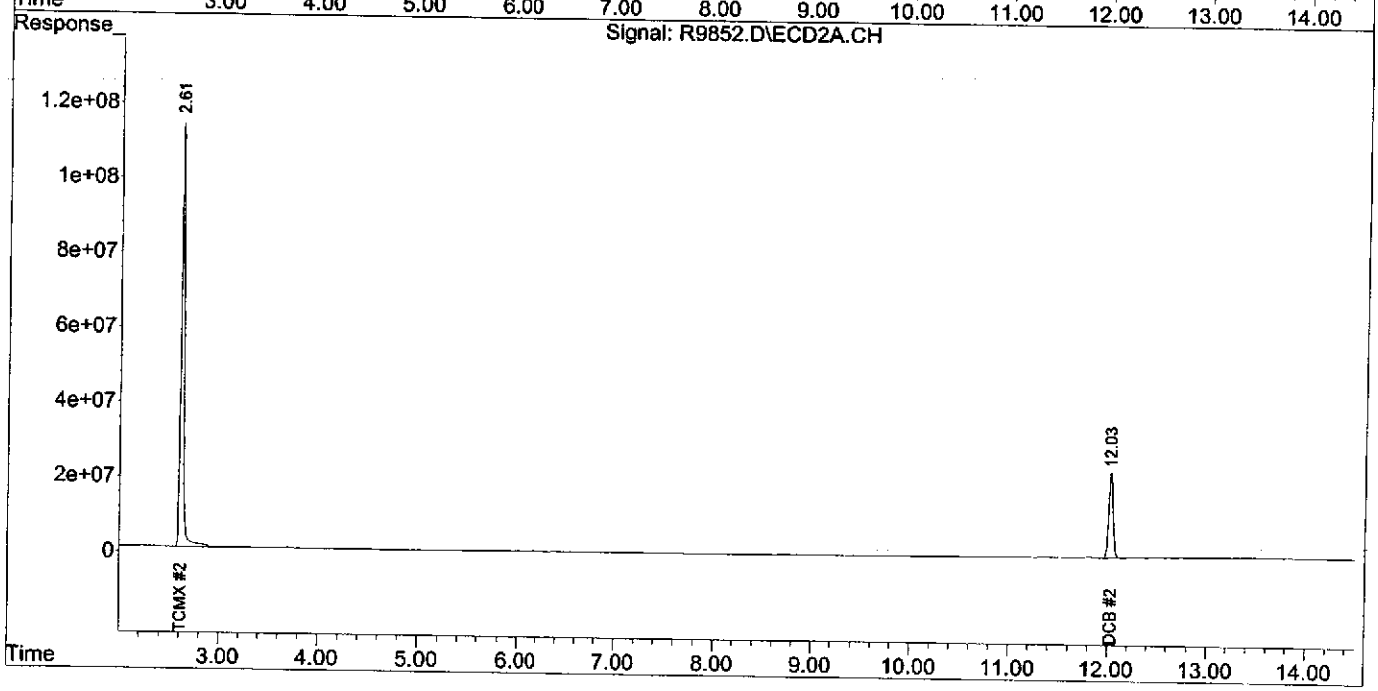
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
Data File : R9852.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 May 2013 17:25
Operator : JS
Sample : PCB,BLKA130502-08,A,1000ml,100,05/02/13,1
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 09 12:57:32 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS130429-12
Client ID: PCB
Date Received: NA
Date Extracted: 04/29/2013
Date Analyzed: 05/09/2013
Data file: R9926.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9926.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 19:44
Operator : JS
Sample : PCB,BLKS130429-12,S,5.00g,0,04/29/13,4
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 12:23:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.75	2.60	2394.6E6	2723.0E6	177.625	179.821
Spiked Amount 200.000			Recovery	=	88.81%	89.91%
2) S DCB	12.10	12.02	585.4E6	664.0E6	192.321	192.084
Spiked Amount 200.000			Recovery	=	96.16%	96.04%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

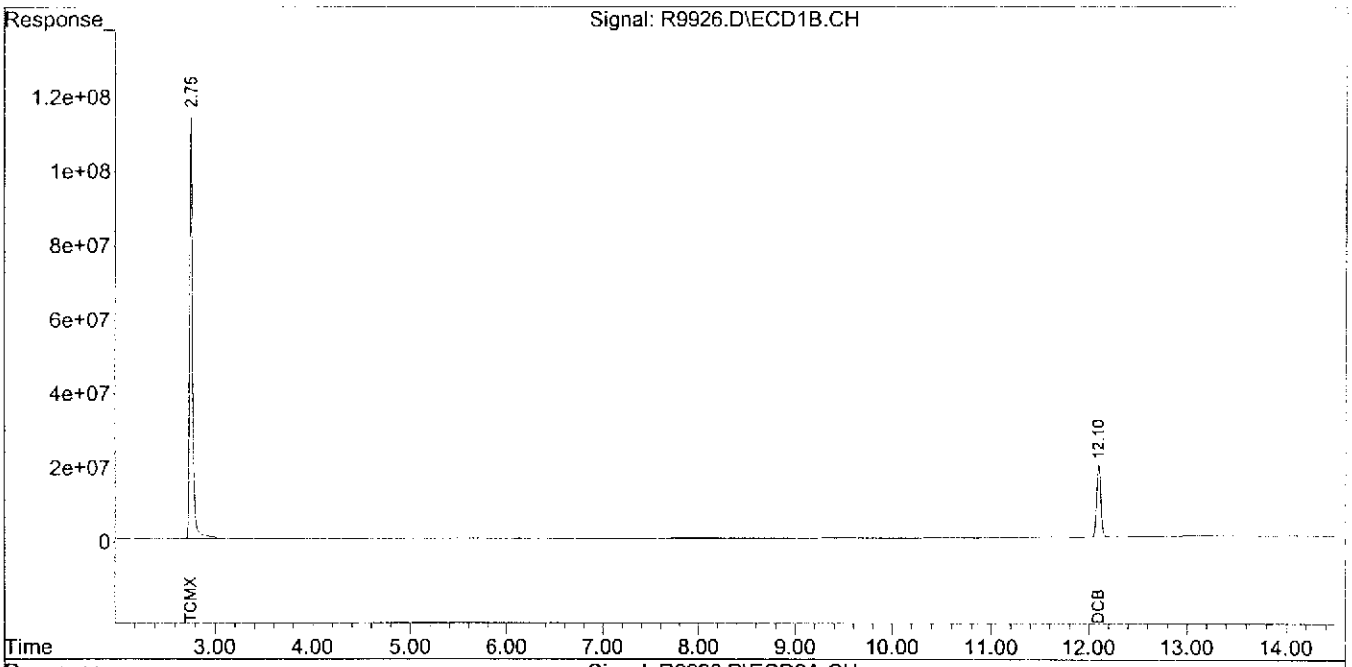
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

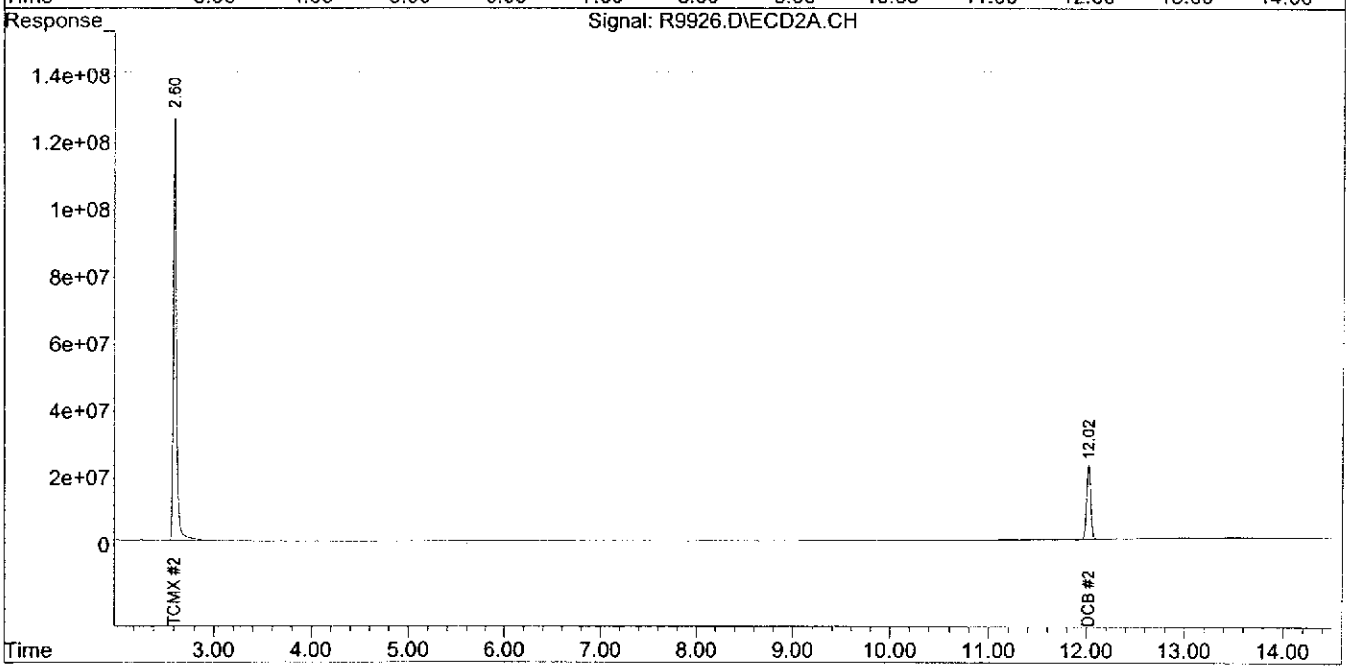
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-09-13\
Data File : R9926.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 May 2013 19:44
Operator : JS
Sample : PCB,BLKS130429-12,S,5.00g,0,04/29/13,4
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 10 12:23:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Tue May 07 17:48:41 2013
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 :





SAMPLE TRACKING

IAL
Integrated Analytical Laboratories LLC

Integrated Analytical Labs
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Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: 5 d 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
U-38N (4.0-6.0)		4/25/13	8:42	S	1	1	X						
U-39N (4.0-6.0)			8:55	S	1	2	X						
U-40S (2.0-4.0)			9:17	S	1	3	X						
U-40S (4.0-6.0)			9:18	S	1	4	X						
U-41S (2.0-4.0)			9:34	S	1	5	X						
U-41S (4.0-6.0)			9:35	S	1	6	X						
U-42S (0.2.0)			10:00	S	1	7	X						
U-42S (2.0-4.0)			10:01	S	1	8	X						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:	[illegible]	4/25/13		Received by:	[illegible]	4/25/13	1540
Relinquished by:	[illegible]	4/25/13	1735	Received by:	[illegible]	4/25/13	1735
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 03804

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Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

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NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

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Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

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Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	TAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
U-42S (4.0-6.0)		4/25/13	10:02	S	1	9	x						
U-43S (2.0-4.0)			10:25	S	1	10	x						
U-43S (4.0-5.5)			10:26	S	1	11	x						
U-43S (5.5-6.0)			10:27	S	1	12	x						
U-43W (0-2.0)			10:56	S	1	13	x						
U-43W (2.0-4.0)			10:57	S	1	14	x						
U-43W (4.0-6.0)			10:58	S	1	15	x						
U-42W (2.0-4.0)			11:30	S	1	16	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Reg: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/25/13		Received by:	4/25/13	1540
Relinquished by:	4/25/13	1735	Received by:	4/25/13	1735
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
U-42W (4.0-6.0)		4/25/13	11:31	S	1	17	x						
U-41W (2.0-4.0)			11:55	S	1	18	x						
U-40W (0-2.0)			12:20	S	1	19	x						
U-40W (4.0-6.0)			12:21	S	1	20	x						
U-39W (0-2.0)			1:00	S	1	21	x						
U-39W (4.0-6.0)			1:01	S	1	22	x						
T-38E (4.0-6.0)			1:18	S	1	23	x						
T-38N (2.0-4.0)			1:33	S	1	24	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	4/25/13		Received by:	4/25/13	1540
Relinquished by:	4-25-13	1735	Received by:	4/25/13	1735
Relinquished by:			Received by:		
Relinquished by:			Received by:		
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Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
T-38S 0-2.0		4/25/13	1:46	S	1	25	x						
T-39S (4.0-6.0)			2:05	S	1	26	x						
T-41N (0-2.0)			2:18	S	1	27	x						
T-41S (0-2.0)			2:34	S	1	28	x						
T-41S (2.0-4.0)			2:35	S	1	29	x						
T-42S (2.0-4.0)			2:50	S	1	30	x						
T-42S (4.0-6.0)			2:51	S	1	31	x						
T-42W (0-2.0)			3:12	S	1	32	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

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Relinquished by:			Received by:		
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T-42W (4.0-6.0)		4/25/13	3:13	S	1	33	X						
T-41W (0-2.0)			3:26	S	1	34	X						
T-41W (2.0-4.0)			3:27	S	1	35	X						
FB-77			3:35	AQ	2	36	X						
							X						
							X						
							X						
							X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Relinquished by:	[signature]	4/25/13	1735	Received by:	[signature]	4/25/13	1735
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

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PROJECT INFORMATION

E13-03804

Case No. E13-03804 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	22126
Contact	Jim Clabby	**Received**	4/25/2013 17:35
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co	☑ EMail EDDs	**Verbal Due** 5/10/2013
Phone	(732)295-2144 **Fax** (732) 295-2150		**Report Due** 5/17/2013
	tadams@jmcenvironmental.com;		
	closch@jmcenvironmental.com;c		
Report To		**Bill To**	
2109 Bridge Avenue		Aceto Corp.	
Building B		4 Tri Harbor Court	
Point Pleasant, NJ 08742		Port Washington, NY 11050	
Attn: Jim Clabby		Attn: Mr. Ed Kelly	

Report Format **Reduced**

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03804-001	U-38N(4.0-6.0)	4.0 / 6.0	4/25/2013@08:42	Soil	mg/Kg	1
03804-002	U-39N(4.0-6.0)	4.0 / 6.0	4/25/2013@08:55	Soil	mg/Kg	1
03804-003	U-40S(2.0-4.0)	2.0 / 4.0	4/25/2013@09:17	Soil	mg/Kg	1
03804-004	U-40S(4.0-6.0)	4.0 / 6.0	4/25/2013@09:18	Soil	mg/Kg	1
03804-005	U-41S(2.0-4.0)	2.0 / 4.0	4/25/2013@09:34	Soil	mg/Kg	1
03804-006	U-41S(4.0-6.0)	4.0 / 6.0	4/25/2013@09:35	Soil	mg/Kg	1
03804-007	U-42S(0-2.0)	0 / 2.0	4/25/2013@10:00	Soil	mg/Kg	1
03804-008	U-42S(2.0-4.0)	2.0 / 4.0	4/25/2013@10:01	Soil	mg/Kg	1
03804-009	U-42S(4.0-6.0)	4.0 / 6.0	4/25/2013@10:02	Soil	mg/Kg	1
03804-010	U-43S(2.0-4.0)	2.0 / 4.0	4/25/2013@10:25	Soil	mg/Kg	1
03804-011	U-43S(4.0-5.5)	4.0 / 5.5	4/25/2013@10:26	Soil	mg/Kg	1
03804-012	U-43S(5.5-6.0)	5.5 / 6.0	4/25/2013@10:27	Soil	mg/Kg	1
03804-013	U-43W(0-2.0)	0 / 2.0	4/25/2013@10:56	Soil	mg/Kg	1
03804-014	U-43W(2.0-4.0)	2.0 / 4.0	4/25/2013@10:57	Soil	mg/Kg	1
03804-015	U-43W(4.0-6.0)	4.0 / 6.0	4/25/2013@10:58	Soil	mg/Kg	1
03804-016	U-42W(2.0-4.0)	2.0 / 4.0	4/25/2013@11:30	Soil	mg/Kg	1
03804-017	U-42W(4.0-6.0)	4.0 / 6.0	4/25/2013@11:31	Soil	mg/Kg	1
03804-018	U-41W(2.0-4.0)	2.0 / 4.0	4/25/2013@11:55	Soil	mg/Kg	1
03804-019	U-40W(0-2.0)	0 / 2.0	4/25/2013@12:20	Soil	mg/Kg	1
03804-020	U-40W(4.0-6.0)	4.0 / 6.0	4/25/2013@12:21	Soil	mg/Kg	1
03804-021	U-39W(0-2.0)	0 / 2.0	4/25/2013@13:00	Soil	mg/Kg	1
03804-022	U-39W(4.0-6.0)	4.0 / 6.0	4/25/2013@13:01	Soil	mg/Kg	1
03804-023	T-38E(4.0-6.0)	4.0 / 6.0	4/25/2013@13:18	Soil	mg/Kg	1
03804-024	T-38N(2.0-4.0)	2.0 / 4.0	4/25/2013@13:33	Soil	mg/Kg	1
03804-025	T-38S(0-2.0)	0 / 2.0	4/25/2013@13:46	Soil	mg/Kg	1
03804-026	T-39S(4.0-6.0)	4.0 / 6.0	4/25/2013@14:05	Soil	mg/Kg	1
03804-027	T-41N(0-2.0)	0 / 2.0	4/25/2013@14:18	Soil	mg/Kg	1
03804-028	T-41S(0-2.0)	0 / 2.0	4/25/2013@14:34	Soil	mg/Kg	1
03804-029	T-41S(2.0-4.0)	2.0 / 4.0	4/25/2013@14:35	Soil	mg/Kg	1

PROJECT INFORMATION

E13-03804

Case No. E13-03804 Project ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03804-030	T-42S(2.0-4.0)	2.0 / 4.0	4/25/2013@14:50	Soil	mg/Kg	1
03804-031	T-42S(4.0-6.0)	4.0 / 6.0	4/25/2013@14:51	Soil	mg/Kg	1
03804-032	T-42W(0-2.0)	0 / 2.0	4/25/2013@15:12	Soil	mg/Kg	1
03804-033	T-42W(4.0-6.0)	4.0 / 6.0	4/25/2013@15:13	Soil	mg/Kg	1
03804-034	T-41W(0-2.0)	0 / 2.0	4/25/2013@15:26	Soil	mg/Kg	1
03804-035	T-41W(2.0-4.0)	2.0 / 4.0	4/25/2013@15:27	Soil	mg/Kg	1
03804-036	FB-77	n/a	4/25/2013@15:35	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	In Process	8082
002	TCL PCB	In Process	8082
003	TCL PCB	In Process	8082
004	TCL PCB	In Process	8082
005	TCL PCB	In Process	8082
006	TCL PCB	In Process	8082
007	TCL PCB	In Process	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082
035	TCL PCB	Run	8082
036	TCL PCB	Run	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 13** **03804** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

COC: (COMPLETE) / INCOMPLETE

Comments

KEY

✓ **= YES/NA**
✗ **= NO**

VOA received: (check one) ☐ Encore ☐ Terra Core ☐ IGW - Methanol ☐ No Preservative

✓	Bottles Intact
✓	no-Missing Bottles
✓	no-Extra Bottles
✓	Sufficient Sample Volume
✓	no-headspace/bubbles in VOs
✓	Labels intact/correct
✓	pH Check (exclude VOs)[1]
✓	Correct bottles/preservative
✓	Sufficient Holding/Prep Time[1]
☐	Multiphasic Sample
☐	Sample to be Subcontracted
✓	**Chain of Custody is Clear**

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [illegible] DATE 4/25/13

CORRECTIVE ACTION REQUIRED: **YES** ☐ (SEE BELOW) **NO** ☐

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES ☐ Date/ Time: _____ NO ☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [illegible] DATE 4/26

Laboratory Custody Chronicle

IAL Case No.

E13-03804

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/25/2013@17:35

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	03804-001	Soil	4/28/13	Archimede	5/ 3/13	Justyna
"	-002	"	4/28/13	Archimede	5/ 3/13	Justyna
"	-003	"	4/28/13	Archimede	5/ 6/13	Justyna
"	-004	"	4/28/13	Archimede	5/ 5/13	Justyna
"	-005	"	4/28/13	Archimede	5/ 5/13	Justyna
"	-006	"	4/28/13	Archimede	5/ 4/13	Justyna
"	-007	"	4/28/13	Archimede	5/ 5/13	Justyna
"	-008	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-009	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-010	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-011	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-012	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-013	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-014	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-015	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-016	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-017	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-018	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-019	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-020	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-021	"	4/29/13	Archimede	5/ 6/13	Justyna
"	-022	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-023	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-024	"	4/29/13	Archimede	5/ 4/13	Justyna
"	-025	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-026	"	4/29/13	Archimede	5/ 7/13	Justyna
"	-027	"	4/29/13	Archimede	5/ 5/13	Justyna
"	-028	"	4/29/13	Archimede	5/10/13	Justyna
"	-029	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-030	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-031	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-032	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-033	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-034	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-035	"	4/29/13	Archimede	5/ 9/13	Justyna
"	-036	Aqueous	5/ 2/13	Archimede	5/ 8/13	Justyna

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