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: **E13-03562**

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.

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

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.

E13-03562

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/18/2013@17:01

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
03562-001	P-19N(0-2.0)	0/2.0	4/18/2013@09:00	Soil	1
03562-002	P-19N(2.0-4.0)	2.0/4.0	4/18/2013@09:01	Soil	1
03562-003	P-19N(4.0-5.0)	4.0/5.0	4/18/2013@09:02	Soil	1
03562-004	P-19N(5.0-6.0)	5.0/6.0	4/18/2013@09:03	Soil	1
03562-005	P-20S(0-2.0)	0/2.0	4/18/2013@09:14	Soil	1
03562-006	Q-12E(0-2.0)	0/2.0	4/18/2013@09:52	Soil	1
03562-007	Q-12E(4.0-6.0)	4.0/6.0	4/18/2013@09:53	Soil	1
03562-008	Q-12S(0-2.0)	0/2.0	4/18/2013@10:11	Soil	1
03562-009	Q-12S(2.0-4.0)	2.0/4.0	4/18/2013@10:12	Soil	1
03562-010	Q-12S(4.0-6.0)	4.0/6.0	4/18/2013@10:13	Soil	1
03562-011	Q-12W(0-2.0)	0/2.0	4/18/2013@10:35	Soil	1
03562-012	Q-12W(2.0-4.0)	2.0/4.0	4/18/2013@10:36	Soil	1
03562-013	Q-12W(4.0-6.0)	4.0/6.0	4/18/2013@10:37	Soil	1
03562-014	Q-12N(0-2.0)	0/2.0	4/18/2013@11:07	Soil	1
03562-015	Q-12N(2.0-4.0)	2.0/4.0	4/18/2013@11:08	Soil	1
03562-016	Q-12N(4.0-6.0)	4.0/6.0	4/18/2013@11:09	Soil	1
03562-017	X-14W(0-2.0)	0/2.0	4/18/2013@11:27	Soil	1
03562-018	X-14S(0-2.0)	0/2.0	4/18/2013@11:39	Soil	1
03562-019	X-14E(0-2.0)	0/2.0	4/18/2013@11:55	Soil	1
03562-020	X-15N(0-2.0)	0/2.0	4/18/2013@12:07	Soil	1
03562-021	X-13E(0-2.0)	0/2.0	4/18/2013@12:21	Soil	1
03562-022	X-13N(0-2.0)	0/2.0	4/18/2013@12:35	Soil	1
03562-023	DD-28S(1.0-2.0)	1.0/2.0	4/18/2013@13:18	Soil	1
03562-024	DD-28S(2.0-4.0)	2.0/4.0	4/18/2013@13:19	Soil	1
03562-025	DD-28S(4.0-5.0)	4.0/5.0	4/18/2013@13:20	Soil	1
03562-026	DD-28S(5.0-6.0)	5.0/6.0	4/18/2013@13:21	Soil	1
03562-027	DD-29W(2.0-4.0)	2.0/4.0	4/18/2013@13:43	Soil	1
03562-028	DD-29W(4.0-6.0)	4.0/6.0	4/18/2013@13:44	Soil	1
~~03562-029~~	~~DD-28W(0-2.0)~~	~~0/2.0~~	~~4/18/2013@14:00~~	~~Soil~~	~~1~~
03562-030	DD-28W(2.0-4.0)	2.0/4.0	4/18/2013@14:01	Soil	1
03562-031	DD-28N(0-2.0)	0/2.0	4/18/2013@14:21	Soil	1
03562-032	DD-28N(2.0-4.0)	2.0/4.0	4/18/2013@14:22	Soil	1
03562-033	DD-27E(0-2.0)	0/2.0	4/18/2013@14:36	Soil	1
03562-034	DD-27E(2.0-4.0)	2.0/4.0	4/18/2013@14:37	Soil	1
03562-035	DD-27N(2.0-4.0)	2.0/4.0	4/18/2013@14:55	Soil	1
03562-036	DD-27W(2.0-4.0)	2.0/4.0	4/18/2013@15:05	Soil	1
03562-037	EE-30N(0-2.0)	0/2.0	4/18/2013@15:17	Soil	1
03562-038	FB-72	n/a	4/18/2013@15:22	Aqueous	2

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

INTEGRATED ANALYTICAL LABORATORIES, LLC.

TABLE OF CONTENTS

	Page
Qualifiers	1
Conformance / NonConformance Summaries	2
Results Summary Report	7
Analytical Results	12
PCBs	
Methodology Summary *	
PCBs	51
PCBs QC Summary	52
Surrogate Percent Recovery Summary	
LCS, MS/MSD Recovery Summary	
Method Blank Summary	
Initial Calibration Summary	
Initial/Continuing Calibration Verification Summary	
Retention Time Shift Summary	
PCBs Sample Data	105
Sample Quant Report and Chromatogram	
Method Blank Results	
Method Blank Quant Report and Chromatogram	
Sample Tracking	200
Chains of Custody	
Project Information	
Sample Receipt Verification	
Laboratory Chronicle	
Last Page of the Report	210

This report was finalized on May 07, 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-seven (37) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-03562, Project: ARSYNCO) on April 18, 2013 for the analysis of:

(38) 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	5/6/13 Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03562

PCB By 8082

Batch ID: 130426-14	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. For samples : #008, 001, 016 surrogate was diluted out, and for sample #003 surrogate was inadverently double spiked. % recover has been adjusted to reflect this.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery did not meet QC criteria. MS/MSD did not pass QC limits 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, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020

E13-03562

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Sample #001 was run with 100x dilution; #002, #005 were run with 10x dil.; #006, #011, #012, #018, #014 were run with 20x dil.; #008 with 200x dil.; #010, #019 with 50x dil.; #013, #020 with 5x dil.; #016 with 4000x dil. All dilutions were performed due to high concentration of the target compound. All of them did not pass NJ SRS limits. The rest of the sample were run straight.

5/2/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03562

PCB By 8082

Batch ID: 130426-15	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. The surrogate for samples 03562 -024, -027, -033, -034, -037 was diluted out. The surrogate for samples 03562 -035, -036 had matrix interference.
- 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 RPD between the primary and secondary column was >40% for the following samples: 03562 -023, -028. Per SW-846 8000C, the lower of the two concentrations was reported.
- The following samples were cleaned up using method 3660B to remove sulfur: 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037

E13-03562

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Samples 03562 -021, -029, -035, -036 were run with 5x dilution, samples -022, -030 with 10x dilution, samples -023, -031, -032 with 20x dilution, sample -037 with 50x dilution, samples -024, -034 with 100x dilution, sample -033 with 500x dilution and sample -027 with 1000x dilution due to high concentrations of the target compounds. No dilution was performed on all other samples 03562 in batch 130426-15.

4/30/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03562

PCB By 8082

Batch ID: 130424-12	**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: 038
- The following samples were cleaned up using method 3665A: 038

E13-03562

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- No dilution was performed for sample 03562 -038.

4/25/2013

Signature Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03562

Lab ID:	**03562-038**		
Client ID:	**FB-72**		
Matrix:	**Aqueous**		
Sampled Date	**4/18/13**		
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:	**03562-001**			**03562-002**			**03562-003**			**03562-004**	
Client ID:	**P-19N(0-2.0)**			**P-19N(2.0-4.0)**			**P-19N(4.0-5.0)**			**P-19N(5.0-6.0)**	
Depth:	**0/2.0**			**2.0/4.0**			**4.0/5.0**			**5.0/6.0**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**4/18/13**			**4/18/13**			**4/18/13**			**4/18/13**	
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		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1221	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1232	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1242	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1248	360		1.74	20.8		0.201	0.161	J	0.065	ND		0.020
Aroclor-1254	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1260	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1262	ND		1.74	ND		0.201	ND		0.065	ND		0.020
Aroclor-1268	ND		1.74	ND		0.201	ND		0.065	ND		0.020
PCBs	360		1.74	20.8		0.201	0.161	J	0.065	ND		0.020

Lab ID:	**03562-005**			**03562-006**			**03562-007**			**03562-008**	
Client ID:	**P-20S(0-2.0)**			**Q-12E(0-2.0)**			**Q-12E(4.0-6.0)**			**Q-12S(0-2.0)**	
Depth:	**0/2.0**			**0/2.0**			**4.0/6.0**			**0/2.0**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**4/18/13**			**4/18/13**			**4/18/13**			**4/18/13**	
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		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1221	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1232	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1242	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1248	57.5		0.209	74.4		0.383	0.265		0.016	712		3.66
Aroclor-1254	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1260	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1262	ND		0.209	ND		0.383	ND		0.016	ND		3.66
Aroclor-1268	ND		0.209	ND		0.383	ND		0.016	ND		3.66
PCBs	57.5		0.209	74.4		0.383	0.265		0.016	712		3.66

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03562

Lab ID:	03562-009			03562-010			03562-011			03562-012		
Client ID:	Q-12S(2.0-4.0)			Q-12S(4.0-6.0)			Q-12W(0-2.0)			Q-12W(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	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1221	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1232	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1242	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1248	0.193		0.017	215		1.20	47.3		0.342	17.4		0.307
Aroclor-1254	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1260	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1262	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1268	ND		0.017	ND		1.20	ND		0.342	ND		0.307
PCBs	0.193		0.017	215		1.20	47.3		0.342	17.4		0.307

Lab ID:	03562-013			03562-014			03562-015			03562-016		
Client ID:	Q-12W(4.0-6.0)			Q-12N(0-2.0)			Q-12N(2.0-4.0)			Q-12N(4.0-6.0)		
Depth:	4.0/6.0			0/2.0			2.0/4.0			4.0/6.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1221	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1232	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1242	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1248	10.7		0.105	10.5		0.425	5.45		0.039	7300		73.5
Aroclor-1254	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1260	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1262	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1268	ND		0.105	ND		0.425	ND		0.039	ND		73.5
PCBs	10.7		0.105	10.5		0.425	5.45		0.039	7300		73.5

Lab ID:	03562-017			03562-018			03562-019			03562-020		
Client ID:	X-14W(0-2.0)			X-14S(0-2.0)			X-14E(0-2.0)			X-15N(0-2.0)		
Depth:	0/2.0			0/2.0			0/2.0			0/2.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1221	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1232	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1242	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1248	1.14		0.016	6.81		0.343	193		0.922	13.2		0.088
Aroclor-1254	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1260	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1262	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1268	ND		0.016	ND		0.343	ND		0.922	ND		0.088
PCBs	1.14		0.016	6.81		0.343	193		0.922	13.2		0.088

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03562

Lab ID:	03562-021			03562-022			03562-023			03562-024		
Client ID:	X-13E(0-2.0)			X-13N(0-2.0)			DD-28S(1.0-2.0)			DD-28S(2.0-4.0)		
Depth:	0/2.0			0/2.0			1.0/2.0			2.0/4.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.089	ND		0.158	ND		0.426	ND		2.42
Aroclor-1221	ND		0.089	ND		0.158	ND		0.426	ND		2.42
Aroclor-1232	ND		0.089	ND		0.158	ND		0.426	ND		2.42
Aroclor-1242	ND		0.089	ND		0.158	ND		0.426	ND		2.42
Aroclor-1248	11.9		0.089	27.0		0.158	ND		0.426	ND		2.42
Aroclor-1254	ND		0.089	ND		0.158	21.7		0.426	ND		2.42
Aroclor-1260	ND		0.089	ND		0.158	ND		0.426	ND		2.42
Aroclor-1262	ND		0.089	ND		0.158	32.2		0.426	515		2.42
Aroclor-1268	ND		0.089	ND		0.158	ND		0.426	ND		2.42
PCBs	11.9		0.089	27.0		0.158	53.9		0.426	515		2.42

Lab ID:	03562-025			03562-026			03562-027			03562-028		
Client ID:	DD-28S(4.0-5.0)			DD-28S(5.0-6.0)			DD-29W(2.0-4.0)			DD-29W(4.0-6.0)		
Depth:	4.0/5.0			5.0/6.0			2.0/4.0			4.0/6.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1221	ND		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1232	ND		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1242	ND		0.077	ND		0.018	2100		29.6	5.06		0.080
Aroclor-1248	ND		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1254	ND		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1260	ND		0.077	ND		0.018	ND		29.6	ND		0.080
Aroclor-1262	0.592		0.077	ND		0.018	ND		29.6	1.18		0.080
Aroclor-1268	ND		0.077	ND		0.018	ND		29.6	ND		0.080
PCBs	0.592		0.077	ND		0.018	2100		29.6	6.24		0.080

Lab ID:	03562-029			03562-030			03562-031			03562-032		
Client ID:	DD-28W(0-2.0)			DD-28W(2.0-4.0)			DD-28N(0-2.0)			DD-28N(2.0-4.0)		
Depth:	0/2.0			2.0/4.0			0/2.0			2.0/4.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1221	ND		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1232	ND		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1242	ND		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1248	7.05		0.080	ND		0.391	62.2		0.318	ND		0.701
Aroclor-1254	ND		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1260	ND		0.080	ND		0.391	ND		0.318	ND		0.701
Aroclor-1262	2.39		0.080	18.1		0.391	1.98		0.318	44.4		0.701
Aroclor-1268	ND		0.080	ND		0.391	ND		0.318	ND		0.701
PCBs	9.44		0.080	18.1		0.391	64.2		0.318	44.4		0.701

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03562

Lab ID:	03562-033			03562-034			03562-035			03562-036		
Client ID:	DD-27E(0-2.0)			DD-27E(2.0-4.0)			DD-27N(2.0-4.0)			DD-27W(2.0-4.0)		
Depth:	0/2.0			2.0/4.0			2.0/4.0			2.0/4.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1221	ND		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1232	ND		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1242	ND		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1248	ND		7.96	ND		2.09	11.1		0.089	10.6		0.084
Aroclor-1254	ND		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1260	ND		7.96	ND		2.09	ND		0.089	ND		0.084
Aroclor-1262	ND		7.96	330		2.09	3.36		0.089	ND		0.084
Aroclor-1268	ND		7.96	ND		2.09	ND		0.089	ND		0.084
PCBs	ND		7.96	330		2.09	14.5		0.089	10.6		0.084

Lab ID:	03562-037		
Client ID:	EE-30N(0-2.0)		
Depth:	0/2.0		
Matrix:	Soil		
Sampled Date	4/18/13		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.931
Aroclor-1221	ND		0.931
Aroclor-1232	ND		0.931
Aroclor-1242	ND		0.931
Aroclor-1248	133		0.931
Aroclor-1254	ND		0.931
Aroclor-1260	ND		0.931
Aroclor-1262	ND		0.931
Aroclor-1268	ND		0.931
PCBs	133		0.931

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-001
Client ID: P-19N(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9322.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 10.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.35	1.74
Aroclor-1221	ND		4.35	1.74
Aroclor-1232	ND		4.35	1.74
Aroclor-1242	ND		4.35	1.74
Aroclor-1248	360		4.35	1.74
Aroclor-1254	ND		4.35	1.74
Aroclor-1260	ND		4.35	1.74
Aroclor-1262	ND		4.35	1.74
Aroclor-1268	ND		4.35	1.74
PCBs	360		4.35	1.74

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-002
Client ID: P-19N(2.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9323.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.502	0.201
Aroclor-1221	ND		0.502	0.201
Aroclor-1232	ND		0.502	0.201
Aroclor-1242	ND		0.502	0.201
Aroclor-1248	20.8		0.502	0.201
Aroclor-1254	ND		0.502	0.201
Aroclor-1260	ND		0.502	0.201
Aroclor-1262	ND		0.502	0.201
Aroclor-1268	ND		0.502	0.201
PCBs	20.8		0.502	0.201

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-003
Client ID: P-19N(4.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9324.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.164	0.065
Aroclor-1221	ND		0.164	0.065
Aroclor-1232	ND		0.164	0.065
Aroclor-1242	ND		0.164	0.065
Aroclor-1248	0.161	J	0.164	0.065
Aroclor-1254	ND		0.164	0.065
Aroclor-1260	ND		0.164	0.065
Aroclor-1262	ND		0.164	0.065
Aroclor-1268	ND		0.164	0.065
PCBs	0.161	J	0.164	0.065

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-004
Client ID: P-19N(5.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9325.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	ND		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-005
Client ID: P-20S(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9346.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.523	0.209
Aroclor-1221	ND		0.523	0.209
Aroclor-1232	ND		0.523	0.209
Aroclor-1242	ND		0.523	0.209
Aroclor-1248	57.5		0.523	0.209
Aroclor-1254	ND		0.523	0.209
Aroclor-1260	ND		0.523	0.209
Aroclor-1262	ND		0.523	0.209
Aroclor-1268	ND		0.523	0.209
PCBs	57.5		0.523	0.209

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-006
Client ID: Q-12E(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9347.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 17.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.959	0.383
Aroclor-1221	ND		0.959	0.383
Aroclor-1232	ND		0.959	0.383
Aroclor-1242	ND		0.959	0.383
Aroclor-1248	74.4		0.959	0.383
Aroclor-1254	ND		0.959	0.383
Aroclor-1260	ND		0.959	0.383
Aroclor-1262	ND		0.959	0.383
Aroclor-1268	ND		0.959	0.383
PCBs	74.4		0.959	0.383

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-007
Client ID: Q-12E(4.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9328.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.76g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	0.265		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	0.265		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-008
Client ID: Q-12S(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9348.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 200
% Moisture: 14.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		9.14	3.66
Aroclor-1221	ND		9.14	3.66
Aroclor-1232	ND		9.14	3.66
Aroclor-1242	ND		9.14	3.66
Aroclor-1248	712		9.14	3.66
Aroclor-1254	ND		9.14	3.66
Aroclor-1260	ND		9.14	3.66
Aroclor-1262	ND		9.14	3.66
Aroclor-1268	ND		9.14	3.66
PCBs	712		9.14	3.66

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-009
Client ID: Q-12S(2.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9349.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.54g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	0.193		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	0.193		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-010
Client ID: Q-12S(4.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9404.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 34.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.00	1.20
Aroclor-1221	ND		3.00	1.20
Aroclor-1232	ND		3.00	1.20
Aroclor-1242	ND		3.00	1.20
Aroclor-1248	215		3.00	1.20
Aroclor-1254	ND		3.00	1.20
Aroclor-1260	ND		3.00	1.20
Aroclor-1262	ND		3.00	1.20
Aroclor-1268	ND		3.00	1.20
PCBs	215		3.00	1.20

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-011
Client ID: Q-12W(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9351.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 15.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.856	0.342
Aroclor-1221	ND		0.856	0.342
Aroclor-1232	ND		0.856	0.342
Aroclor-1242	ND		0.856	0.342
Aroclor-1248	47.3		0.856	0.342
Aroclor-1254	ND		0.856	0.342
Aroclor-1260	ND		0.856	0.342
Aroclor-1262	ND		0.856	0.342
Aroclor-1268	ND		0.856	0.342
PCBs	47.3		0.856	0.342

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-012
Client ID: Q-12W(2.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9352.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.86g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 11.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.767	0.307
Aroclor-1221	ND		0.767	0.307
Aroclor-1232	ND		0.767	0.307
Aroclor-1242	ND		0.767	0.307
Aroclor-1248	17.4		0.767	0.307
Aroclor-1254	ND		0.767	0.307
Aroclor-1260	ND		0.767	0.307
Aroclor-1262	ND		0.767	0.307
Aroclor-1268	ND		0.767	0.307
PCBs	17.4		0.767	0.307

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-013
Client ID: Q-12W(4.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9405.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.83g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 34.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.263	0.105
Aroclor-1221	ND		0.263	0.105
Aroclor-1232	ND		0.263	0.105
Aroclor-1242	ND		0.263	0.105
Aroclor-1248	10.7		0.263	0.105
Aroclor-1254	ND		0.263	0.105
Aroclor-1260	ND		0.263	0.105
Aroclor-1262	ND		0.263	0.105
Aroclor-1268	ND		0.263	0.105
PCBs	10.7		0.263	0.105

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-014
Client ID: Q-12N(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9354.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 28.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.06	0.425
Aroclor-1221	ND		1.06	0.425
Aroclor-1232	ND		1.06	0.425
Aroclor-1242	ND		1.06	0.425
Aroclor-1248	10.5		1.06	0.425
Aroclor-1254	ND		1.06	0.425
Aroclor-1260	ND		1.06	0.425
Aroclor-1262	ND		1.06	0.425
Aroclor-1268	ND		1.06	0.425
PCBs	10.5		1.06	0.425

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-015
Client ID: Q-12N(2.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9406.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.95g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 30.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.097	0.039
Aroclor-1221	ND		0.097	0.039
Aroclor-1232	ND		0.097	0.039
Aroclor-1242	ND		0.097	0.039
Aroclor-1248	5.45		0.097	0.039
Aroclor-1254	ND		0.097	0.039
Aroclor-1260	ND		0.097	0.039
Aroclor-1262	ND		0.097	0.039
Aroclor-1268	ND		0.097	0.039
PCBs	5.45		0.097	0.039

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-016
Client ID: Q-12N(4.0-
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9412.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 4000
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		184	73.5
Aroclor-1221	ND		184	73.5
Aroclor-1232	ND		184	73.5
Aroclor-1242	ND		184	73.5
Aroclor-1248	7300		184	73.5
Aroclor-1254	ND		184	73.5
Aroclor-1260	ND		184	73.5
Aroclor-1262	ND		184	73.5
Aroclor-1268	ND		184	73.5
PCBs	7300		184	73.5

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-017
Client ID: X-14W(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9357.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	1.14		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	ND		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	1.14		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-018
Client ID: X-14S(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9358.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 15.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.857	0.343
Aroclor-1221	ND		0.857	0.343
Aroclor-1232	ND		0.857	0.343
Aroclor-1242	ND		0.857	0.343
Aroclor-1248	6.81		0.857	0.343
Aroclor-1254	ND		0.857	0.343
Aroclor-1260	ND		0.857	0.343
Aroclor-1262	ND		0.857	0.343
Aroclor-1268	ND		0.857	0.343
PCBs	6.81		0.857	0.343

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-019
Client ID: X-14E(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9408.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 14.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.30	0.922
Aroclor-1221	ND		2.30	0.922
Aroclor-1232	ND		2.30	0.922
Aroclor-1242	ND		2.30	0.922
Aroclor-1248	193		2.30	0.922
Aroclor-1254	ND		2.30	0.922
Aroclor-1260	ND		2.30	0.922
Aroclor-1262	ND		2.30	0.922
Aroclor-1268	ND		2.30	0.922
PCBs	193		2.30	0.922

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-020
Client ID: X-15N(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9409.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 9.10

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.220	0.088
Aroclor-1221	ND		0.220	0.088
Aroclor-1232	ND		0.220	0.088
Aroclor-1242	ND		0.220	0.088
Aroclor-1248	13.2		0.220	0.088
Aroclor-1254	ND		0.220	0.088
Aroclor-1260	ND		0.220	0.088
Aroclor-1262	ND		0.220	0.088
Aroclor-1268	ND		0.220	0.088
PCBs	13.2		0.220	0.088

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-021
Client ID: X-13E(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7700.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 19.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.222	0.089
Aroclor-1221	ND		0.222	0.089
Aroclor-1232	ND		0.222	0.089
Aroclor-1242	ND		0.222	0.089
Aroclor-1248	11.9		0.222	0.089
Aroclor-1254	ND		0.222	0.089
Aroclor-1260	ND		0.222	0.089
Aroclor-1262	ND		0.222	0.089
Aroclor-1268	ND		0.222	0.089
PCBs	11.9		0.222	0.089

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-022
Client ID: X-13N(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7701.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 6.00

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.394	0.158
Aroclor-1221	ND		0.394	0.158
Aroclor-1232	ND		0.394	0.158
Aroclor-1242	ND		0.394	0.158
Aroclor-1248	27.0		0.394	0.158
Aroclor-1254	ND		0.394	0.158
Aroclor-1260	ND		0.394	0.158
Aroclor-1262	ND		0.394	0.158
Aroclor-1268	ND		0.394	0.158
PCBs	27.0		0.394	0.158

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-023
Client ID: DD-28S(1.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7702.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 27.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.07	0.426
Aroclor-1221	ND		1.07	0.426
Aroclor-1232	ND		1.07	0.426
Aroclor-1242	ND		1.07	0.426
Aroclor-1248	ND		1.07	0.426
Aroclor-1254	21.7		1.07	0.426
Aroclor-1260	ND		1.07	0.426
Aroclor-1262	32.2		1.07	0.426
Aroclor-1268	ND		1.07	0.426
PCBs	53.9		1.07	0.426

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-024
Client ID: DD-28S(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7703.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 37.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.05	2.42
Aroclor-1221	ND		6.05	2.42
Aroclor-1232	ND		6.05	2.42
Aroclor-1242	ND		6.05	2.42
Aroclor-1248	ND		6.05	2.42
Aroclor-1254	ND		6.05	2.42
Aroclor-1260	ND		6.05	2.42
Aroclor-1262	515		6.05	2.42
Aroclor-1268	ND		6.05	2.42
PCBs	515		6.05	2.42

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-025
Client ID: DD-28S(4.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7691.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 81.8

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	ND		0.193	0.077
Aroclor-1262	0.592		0.193	0.077
Aroclor-1268	ND		0.193	0.077
PCBs	0.592		0.193	0.077

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-026
Client ID: DD-28S(5.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7692.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-027
Client ID: DD-29W(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7704.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 50.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		74.1	29.6
Aroclor-1221	ND		74.1	29.6
Aroclor-1232	ND		74.1	29.6
Aroclor-1242	2100		74.1	29.6
Aroclor-1248	ND		74.1	29.6
Aroclor-1254	ND		74.1	29.6
Aroclor-1260	ND		74.1	29.6
Aroclor-1262	ND		74.1	29.6
Aroclor-1268	ND		74.1	29.6
PCBs	2100		74.1	29.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-028
Client ID: DD-29W(4.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7693.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 82.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.200	0.080
Aroclor-1221	ND		0.200	0.080
Aroclor-1232	ND		0.200	0.080
Aroclor-1242	5.06		0.200	0.080
Aroclor-1248	ND		0.200	0.080
Aroclor-1254	ND		0.200	0.080
Aroclor-1260	ND		0.200	0.080
Aroclor-1262	1.18		0.200	0.080
Aroclor-1268	ND		0.200	0.080
PCBs	6.24		0.200	0.080

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-029
Client ID: DD-28W(0-2
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7705.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 10.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.199	0.080
Aroclor-1221	ND		0.199	0.080
Aroclor-1232	ND		0.199	0.080
Aroclor-1242	ND		0.199	0.080
Aroclor-1248	7.05		0.199	0.080
Aroclor-1254	ND		0.199	0.080
Aroclor-1260	ND		0.199	0.080
Aroclor-1262	2.39		0.199	0.080
Aroclor-1268	ND		0.199	0.080
PCBs	9.44		0.199	0.080

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-030
Client ID: DD-28W(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7706.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 64.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.977	0.391
Aroclor-1221	ND		0.977	0.391
Aroclor-1232	ND		0.977	0.391
Aroclor-1242	ND		0.977	0.391
Aroclor-1248	ND		0.977	0.391
Aroclor-1254	ND		0.977	0.391
Aroclor-1260	ND		0.977	0.391
Aroclor-1262	18.1		0.977	0.391
Aroclor-1268	ND		0.977	0.391
PCBs	18.1		0.977	0.391

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-031
Client ID: DD-28N(0-2
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7707.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 10.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.795	0.318
Aroclor-1221	ND		0.795	0.318
Aroclor-1232	ND		0.795	0.318
Aroclor-1242	ND		0.795	0.318
Aroclor-1248	62.2		0.795	0.318
Aroclor-1254	ND		0.795	0.318
Aroclor-1260	ND		0.795	0.318
Aroclor-1262	1.98		0.795	0.318
Aroclor-1268	ND		0.795	0.318
PCBs	64.2		0.795	0.318

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-032
Client ID: DD-28N(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7708.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 58.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.75	0.701
Aroclor-1221	ND		1.75	0.701
Aroclor-1232	ND		1.75	0.701
Aroclor-1242	ND		1.75	0.701
Aroclor-1248	ND		1.75	0.701
Aroclor-1254	ND		1.75	0.701
Aroclor-1260	ND		1.75	0.701
Aroclor-1262	44.4		1.75	0.701
Aroclor-1268	ND		1.75	0.701
PCBs	44.4		1.75	0.701

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-033
Client ID: DD-27E(0-2
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7709.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 13.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		19.9	7.96
Aroclor-1221	ND		19.9	7.96
Aroclor-1232	ND		19.9	7.96
Aroclor-1242	ND		19.9	7.96
Aroclor-1248	ND		19.9	7.96
Aroclor-1254	ND		19.9	7.96
Aroclor-1260	ND		19.9	7.96
Aroclor-1262	ND		19.9	7.96
Aroclor-1268	ND		19.9	7.96
PCBs	ND		19.9	7.96

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-034
Client ID: DD-27E(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7710.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 31.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.21	2.09
Aroclor-1221	ND		5.21	2.09
Aroclor-1232	ND		5.21	2.09
Aroclor-1242	ND		5.21	2.09
Aroclor-1248	ND		5.21	2.09
Aroclor-1254	ND		5.21	2.09
Aroclor-1260	ND		5.21	2.09
Aroclor-1262	330		5.21	2.09
Aroclor-1268	ND		5.21	2.09
PCBs	330		5.21	2.09

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-035
Client ID: DD-27N(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7711.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.223	0.089
Aroclor-1221	ND		0.223	0.089
Aroclor-1232	ND		0.223	0.089
Aroclor-1242	ND		0.223	0.089
Aroclor-1248	11.1		0.223	0.089
Aroclor-1254	ND		0.223	0.089
Aroclor-1260	ND		0.223	0.089
Aroclor-1262	3.36		0.223	0.089
Aroclor-1268	ND		0.223	0.089
PCBs	14.5		0.223	0.089

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-036
Client ID: DD-27W(2.0
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7712.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 13.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.209	0.084
Aroclor-1221	ND		0.209	0.084
Aroclor-1232	ND		0.209	0.084
Aroclor-1242	ND		0.209	0.084
Aroclor-1248	10.6		0.209	0.084
Aroclor-1254	ND		0.209	0.084
Aroclor-1260	ND		0.209	0.084
Aroclor-1262	ND		0.209	0.084
Aroclor-1268	ND		0.209	0.084
PCBs	10.6		0.209	0.084

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-037
Client ID: EE-30N(0-2
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7713.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 23.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.33	0.931
Aroclor-1221	ND		2.33	0.931
Aroclor-1232	ND		2.33	0.931
Aroclor-1242	ND		2.33	0.931
Aroclor-1248	133		2.33	0.931
Aroclor-1254	ND		2.33	0.931
Aroclor-1260	ND		2.33	0.931
Aroclor-1262	ND		2.33	0.931
Aroclor-1268	ND		2.33	0.931
PCBs	133		2.33	0.931

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-038
Client ID: FB-72
Date Received: 04/18/2013
Date Extracted: 04/24/2013
Date Analyzed: 04/25/2013
Data file: Y7564.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: 04/12/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA130410-06	AQUEOUS	74		81		79		95	
ES-MW-19B	03057-001	AQUEOUS	53		87		58		89	
FB-63	03068-028	AQUEOUS	63		70		68		83	
FB-64	03119-029	AQUEOUS	63		71		68		83	
FB-65	03153-027	AQUEOUS	63		72		67		78	
FB-66	03191-040	AQUEOUS	64		73		69		88	
PCB	03057-001MS	AQUEOUS	58		79		61		82	
PCB	03057-001MSD	AQUEOUS	55		74		59		79	
PCB	LCSA130410-06	AQUEOUS	67		78		71		79	

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: 04/25/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA130424-12	AQUEOUS	78		69		83		85	
TW-7/8.83	03603-038	AQUEOUS	76		73		82		92	
FB-71	03482-022	AQUEOUS	68		66		76		85	
FB-72	03562-038	AQUEOUS	72		69		79		88	
EFFLUENT	03528-001	AQUEOUS	63		67		65		92	
PCB	LCSA130424-12	AQUEOUS	86		94		92		104	

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: 04/29/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130426-15	SOIL	73		66		91		91	
DD-28S(4.0	03562-025	SOIL	87		85		123		116	
DD-28S(5.0	03562-026	SOIL	73		57		97		81	
DD-29W(4.0	03562-028	SOIL	85		75		120		110	
WC	03806-001	SOIL	64		79		90		104	
GARAGE-1/1	03780-001	SOIL	61		40		85		77	
PL-1/1.5-2	03780-002	SOIL	65		48		90		74	
PCB	03780-002MS	SOIL	68		45		90		76	
PCB	03780-002MSD	SOIL	69		49		91		70	
PCB	LCSS130426-15	SOIL	67		54		88		70	
X-13E(0-2.	03562-021	SOIL	66		55		94		82	
X-13N(0-2.	03562-022	SOIL	70		53		89		77	
DD-28S(1.0	03562-023	SOIL	104		132		82		76	
DD-28S(2.0	03562-024	SOIL	0	D	0	D	0	D	0	D
DD-29W(2.0	03562-027	SOIL	0	D	0	D	0	D	0	D
DD-28W(0-2	03562-029	SOIL	53		80		68		70	
DD-28W(2.0	03562-030	SOIL	74		73		110		96	
DD-28N(0-2	03562-031	SOIL	56		84		84		116	
DD-28N(2.0	03562-032	SOIL	62		112		104		104	
DD-27E(0-2	03562-033	SOIL	0	D	0	D	0	D	0	D
DD-27E(2.0	03562-034	SOIL	0	D	0	D	0	D	0	D
DD-27N(2.0	03562-035	SOIL	74		0	M	96		129	
DD-27W(2.0	03562-036	SOIL	59		107		80		0	M
EE-30N(0-2	03562-037	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: 04/30/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130426-14	SOIL	94		119		91		122	
PCB	LCSS130426-14	SOIL	89		116		86		113	
P-19N(0-2.	03562-001	SOIL	0	D	0	D	0	D	0	D
P-19N(2.0-	03562-002	SOIL	126		148		101		143	
P-19N(4.0-	03562-003	SOIL	61		84		60		83	
P-19N(5.0-	03562-004	SOIL	97		121		94		114	
Q-12E(4.0-	03562-007	SOIL	86		122		83		108	
P-20S(0-2.	03562-005	SOIL	99		121		98		123	
Q-12E(0-2.	03562-006	SOIL	92		116		86		118	
Q-12S(0-2.	03562-008	SOIL	0	D	0	D	0	D	0	D
Q-12S(2.0-	03562-009	SOIL	85		107		85		106	
Q-12W(0-2.	03562-011	SOIL	88		116		86		108	
Q-12W(2.0-	03562-012	SOIL	92		112		84		110	
Q-12N(0-2.	03562-014	SOIL	92		114		88		104	
X-14W(0-2.	03562-017	SOIL	89		110		85		105	
X-14S(0-2.	03562-018	SOIL	94		114		86		114	
Q-12S(4.0-	03562-010	SOIL	110		140		105		135	
Q-12W(4.0-	03562-013	SOIL	117		140		108		136	
Q-12N(2.0-	03562-015	SOIL	98		128		98		121	
X-14E(0-2.	03562-019	SOIL	90		125		90		120	
X-15N(0-2.	03562-020	SOIL	95		144		90		149	
PCB	03562-020MS	SOIL	96		139		92		142	
PCB	03562-020MSD	SOIL	94		127		89		148	
Q-12N(4.0-	03562-016	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

Sample #003 was inadverently double spiked with surrogate. % recover have been adjusted to reflect this 5/6/13 AD

AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSA130424-12

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	404.7	81	40 - 140
Aroclor-1260	500.0	0.0	429.8	86	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: LCSS130426-15

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	372.2	74	40 - 140
Aroclor-1260	500.0	0.0	371.3	74	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: LCSS130426-14

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	450.9	90	40 - 140
Aroclor-1260	500.0	0.0	464.9	93	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 MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03057-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	443.2	89	40 - 140
Aroclor-1260	500.0	0.0	434.5	87	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	437.4		87	2	50	40 - 140
Aroclor-1260	0.0	428.0		86	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

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03780-002

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	353.7	71	40 - 140
Aroclor-1260	500.0	0.0	364.7	73	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	368.5		74	4		50	40 - 140
Aroclor-1260	0.0	316.2		63	15		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: 03562-020

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	1424.6	285	*	40 - 140
Aroclor-1260	500.0	0.0	916.1	183	*	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	1144.0	*	229	22		50	40 - 140
Aroclor-1260	0.0	955.5	*	191	4		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

PCB METHOD BLANK SUMMARY

Lab File ID:	R8681.D	Instrument ID:	GC-R
Date Extracted:	04/10/2013	Matrix:	AQUEOUS
Date Analyzed:	04/12/2013	Time Analyzed:	11:47

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
ES-MW-19B	03057-001	04/12/2013	12:05
FB-63	03068-028	04/12/2013	12:22
FB-64	03119-029	04/12/2013	12:39
FB-65	03153-027	04/12/2013	12:57
FB-66	03191-040	04/12/2013	13:14
PCB	03057-001MS	04/12/2013	13:32
PCB	03057-001MSD	04/12/2013	13:49
PCB	LCSA130410-06	04/12/2013	14:07

PCB METHOD BLANK SUMMARY

Lab File ID:	Y7561.D	Instrument ID:	GC-Y
Date Extracted:	04/24/2013	Matrix:	AQUEOUS
Date Analyzed:	04/25/2013	Time Analyzed:	10:26

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
TW-7/8.83	03603-038	04/25/2013	10:43
FB-71	03482-022	04/25/2013	11:01
FB-72	03562-038	04/25/2013	11:18
EFFLUENT	03528-001	04/25/2013	15:01
PCB	LCSA130424-12	04/25/2013	15:19

PCB METHOD BLANK SUMMARY

Lab File ID:	Y7690.D	Instrument ID:	GC-Y
Date Extracted:	04/26/2013	Matrix:	SOIL
Date Analyzed:	04/29/2013	Time Analyzed:	15:59

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
DD-28S(4.0	03562-025	04/29/2013	16:16
DD-28S(5.0	03562-026	04/29/2013	16:33
DD-29W(4.0	03562-028	04/29/2013	16:51
WC	03806-001	04/29/2013	17:08
GARAGE-1/1	03780-001	04/29/2013	17:25
PL-1/1.5-2	03780-002	04/29/2013	17:42
PCB	03780-002MS	04/29/2013	17:59
PCB	03780-002MSD	04/29/2013	18:16
PCB	LCSS130426-15	04/29/2013	18:33
X-13E(0-2.	03562-021	04/29/2013	18:51
X-13N(0-2.	03562-022	04/29/2013	19:08
DD-28S(1.0	03562-023	04/29/2013	19:25
DD-28S(2.0	03562-024	04/29/2013	19:42
DD-29W(2.0	03562-027	04/29/2013	19:59
DD-28W(0-2	03562-029	04/29/2013	20:16
DD-28W(2.0	03562-030	04/29/2013	20:34
DD-28N(0-2	03562-031	04/29/2013	20:51
DD-28N(2.0	03562-032	04/29/2013	21:08
DD-27E(0-2	03562-033	04/29/2013	21:25
DD-27E(2.0	03562-034	04/29/2013	21:42
DD-27N(2.0	03562-035	04/29/2013	22:00
DD-27W(2.0	03562-036	04/29/2013	22:17
EE-30N(0-2	03562-037	04/29/2013	22:34

PCB METHOD BLANK SUMMARY

Lab File ID:	R9320.D	Instrument ID:	GC-R
Date Extracted:	04/26/2013	Matrix:	SOIL
Date Analyzed:	04/30/2013	Time Analyzed:	04:50

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
PCB	LCSS130426-14	04/30/2013	05:08
P-19N(0-2.	03562-001	04/30/2013	05:25
P-19N(2.0-	03562-002	04/30/2013	05:43
P-19N(4.0-	03562-003	04/30/2013	06:00
P-19N(5.0-	03562-004	04/30/2013	06:17
Q-12E(4.0-	03562-007	04/30/2013	09:07
P-20S(0-2.	03562-005	04/30/2013	16:50
Q-12E(0-2.	03562-006	04/30/2013	17:07
Q-12S(0-2.	03562-008	04/30/2013	17:24
Q-12S(2.0-	03562-009	04/30/2013	17:42
Q-12W(0-2.	03562-011	04/30/2013	18:17
Q-12W(2.0-	03562-012	04/30/2013	18:34
Q-12N(0-2.	03562-014	04/30/2013	19:09
X-14W(0-2.	03562-017	04/30/2013	20:01
X-14S(0-2.	03562-018	04/30/2013	20:19
Q-12S(4.0-	03562-010	05/01/2013	11:26
Q-12W(4.0-	03562-013	05/01/2013	11:43
Q-12N(2.0-	03562-015	05/01/2013	12:01
X-14E(0-2.	03562-019	05/01/2013	12:36
X-15N(0-2.	03562-020	05/01/2013	12:53
PCB	03562-020MS	05/01/2013	13:10
PCB	03562-020MSD	05/01/2013	13:28
Q-12N(4.0-	03562-016	05/01/2013	14:04

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 03/18/2013

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

Data File: R8052.D R8051.D R8050.D R8049.D R8048.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.21	3.21	3.21	3.21	3.21	3.21	3.14	3.28
Aroclor-1016 {2}	4.05	4.05	4.04	4.05	4.05	4.05	3.98	4.12
Aroclor-1016 {3}	4.60	4.60	4.59	4.60	4.59	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.10	5.10	5.10	5.10	5.10	5.03	5.17
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.12				2.05	2.19
Aroclor-1221 {2}			3.01				2.94	3.08
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.21				3.14	3.28
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.21				3.14	3.28
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}			4.98				4.91	5.05
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.00				5.93	6.07
Aroclor-1242 {5}			6.27				6.20	6.34
Aroclor-1248			4.44				4.36	4.52
Aroclor-1248 {2}			4.98				4.90	5.06
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.00				5.92	6.08
Aroclor-1248 {5}			6.27				6.19	6.35
Aroclor-1254			6.40				6.32	6.48
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.00				6.91	7.09
Aroclor-1254 {4}			7.44				7.35	7.53
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}	9.44	9.44	9.44	9.44	9.44	9.44	8.54	10.34
Aroclor-1260 {4}	9.92	9.92	9.92	9.92	9.92	9.92	9.02	10.82
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: 03/18/2013

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R8052.D R8051.D R8050.D R8049.D R8048.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	228242	231143	196301	185059	190287	206206	10.59
Aroclor-1016 {2}	297922	322406	276291	262935	267814	285474	8.62
Aroclor-1016 {3}	408377	416456	355061	334889	342099	371376	10.30
Aroclor-1016 {4}	187167	186888	159739	149345	150261	166680	11.41
Aroclor-1016 {5}	305525	328343	287889	271856	274464	293615	8.03
Aroclor-1221			80826				
Aroclor-1221 {2}			120069				
Aroclor-1221 {3}			81268				
Aroclor-1221 {4}			272449				
Aroclor-1221 {5}			59751				
Aroclor-1232			170704				
Aroclor-1232 {2}			103143				
Aroclor-1232 {3}			90403				
Aroclor-1232 {4}			107958				
Aroclor-1232 {5}			127041				
Aroclor-1242			215657				
Aroclor-1242 {2}			143370				
Aroclor-1242 {3}			202307				
Aroclor-1242 {4}			264527				
Aroclor-1242 {5}			253727				
Aroclor-1248			421820				
Aroclor-1248 {2}			258260				
Aroclor-1248 {3}			338346				
Aroclor-1248 {4}			470994				
Aroclor-1248 {5}			399829				
Aroclor-1254			545846				
Aroclor-1254 {2}			356339				
Aroclor-1254 {3}			643038				
Aroclor-1254 {4}			681605				
Aroclor-1254 {5}			608390				
Aroclor-1260	921703	955526	831502	773930	762404	849013	10.21
Aroclor-1260 {2}	449976	479938	407310	375096	366765	415817	11.67
Aroclor-1260 {3}	1021000	1066415	942282	879540	874844	956817	8.90
Aroclor-1260 {4}	559751	575021	502374	469264	470174	515317	9.64
Aroclor-1260 {5}	249467	244292	214645	198814	200000	221443	10.89
						Average %RSD	10.03

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 03/18/2013

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

Data File: R8052.C R8051.C R8050.C R8049.C R8048.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.44	3.44	3.44	3.44	3.44	3.44	3.37	3.51
Aroclor-1016 {2}	4.02	4.01	4.01	4.01	4.01	4.01	3.94	4.08
Aroclor-1016 {3}	4.74	4.73	4.73	4.73	4.73	4.73	4.66	4.80
Aroclor-1016 {4}	4.94	4.93	4.93	4.93	4.93	4.93	4.86	5.00
Aroclor-1016 {5}	5.11	5.10	5.10	5.10	5.10	5.10	5.03	5.17
Aroclor-1221			2.22				2.15	2.29
Aroclor-1221 {2}			3.14				3.07	3.21
Aroclor-1221 {3}			3.36				3.29	3.43
Aroclor-1221 {4}			3.45				3.38	3.52
Aroclor-1221 {5}			4.74				4.67	4.81
Aroclor-1232			3.44				3.37	3.51
Aroclor-1232 {2}			4.38				4.31	4.45
Aroclor-1232 {3}			4.93				4.86	5.00
Aroclor-1232 {4}			5.10				5.03	5.17
Aroclor-1232 {5}			5.69				5.62	5.76
Aroclor-1242			4.38				4.31	4.45
Aroclor-1242 {2}			5.10				5.03	5.17
Aroclor-1242 {3}			5.69				5.62	5.76
Aroclor-1242 {4}			5.84				5.77	5.91
Aroclor-1242 {5}			6.37				6.30	6.44
Aroclor-1248			4.73				4.65	4.81
Aroclor-1248 {2}			5.30				5.22	5.38
Aroclor-1248 {3}			5.69				5.61	5.77
Aroclor-1248 {4}			5.84				5.76	5.92
Aroclor-1248 {5}			6.18				6.10	6.26
Aroclor-1254			6.68				6.60	6.76
Aroclor-1254 {2}			7.25				7.17	7.33
Aroclor-1254 {3}			7.69				7.60	7.78
Aroclor-1254 {4}			7.86				7.77	7.95
Aroclor-1254 {5}			8.68				8.59	8.77
Aroclor-1260	7.44	7.43	7.43	7.43	7.43	7.43	6.53	8.33
Aroclor-1260 {2}	7.69	7.69	7.69	7.69	7.69	7.69	6.79	8.59
Aroclor-1260 {3}	9.28	9.27	9.27	9.27	9.27	9.27	8.37	10.17
Aroclor-1260 {4}	9.78	9.77	9.78	9.77	9.77	9.78	8.88	10.68
Aroclor-1260 {5}	10.37	10.36	10.36	10.36	10.36	10.36	9.46	11.26

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 03/18/2013

Instrument ID: GC-R

GC Column (2nd): DB-1701P

Data File: R8052.C R8051.C R8050.C R8049.C R8048.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	261449	262421	194719	185678	186559	218165	18.39
Aroclor-1016 {2}	525108	535920	394042	372058	377798	440985	18.64
Aroclor-1016 {3}	1114399	1054769	853694	815191	832880	934187	14.94
Aroclor-1016 {4}	440446	496587	375096	352183	355999	404062	15.52
Aroclor-1016 {5}	346759	374505	285465	269497	276716	310589	15.15
Aroclor-1221			86445				
Aroclor-1221 {2}			122159				
Aroclor-1221 {3}			79397				
Aroclor-1221 {4}			267015				
Aroclor-1221 {5}			54425				
Aroclor-1232			169739				
Aroclor-1232 {2}			67433				
Aroclor-1232 {3}			146422				
Aroclor-1232 {4}			110194				
Aroclor-1232 {5}			161920				
Aroclor-1242			133520				
Aroclor-1242 {2}			223211				
Aroclor-1242 {3}			301854				
Aroclor-1242 {4}			251422				
Aroclor-1242 {5}			467690				
Aroclor-1248			407367				
Aroclor-1248 {2}			629227				
Aroclor-1248 {3}			452393				
Aroclor-1248 {4}			384454				
Aroclor-1248 {5}			222453				
Aroclor-1254			570436				
Aroclor-1254 {2}			435492				
Aroclor-1254 {3}			289449				
Aroclor-1254 {4}			419000				
Aroclor-1254 {5}			560430				
Aroclor-1260	405454	446155	340765	312184	310683	363048	16.60
Aroclor-1260 {2}	618499	631809	486038	449550	442914	525762	17.56
Aroclor-1260 {3}	513239	524304	435083	405145	403301	456214	12.85
Aroclor-1260 {4}	966300	1013452	895323	848252	859518	916569	7.76
Aroclor-1260 {5}	707970	725247	650766	618353	629284	666324	7.17
						Average %RSD	14.46

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 03/18/2013

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R8052.D R8051.D R8050.D R8049.D R8048.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}			9.44				9.32	9.56
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.16				10.04	10.28
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.16				10.04	10.28
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: R8052.C R8051.C R8050.C R8049.C R8048.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.27				9.15	9.39
Aroclor-1262 {2}			9.77				9.65	9.89
Aroclor-1262 {3}			10.27				10.15	10.39
Aroclor-1262 {4}			10.36				10.24	10.48
Aroclor-1262 {5}			10.96				10.84	11.08
Aroclor-1268			10.28				10.16	10.40
Aroclor-1268 {2}			10.36				10.24	10.48
Aroclor-1268 {3}			10.61				10.49	10.73
Aroclor-1268 {4}			10.75				10.63	10.87
Aroclor-1268 {5}			11.83				11.71	11.95

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 03/18/2013

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R8052.D R8051.D R8050.D R8049.D R8048.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			260093				
Aroclor-1262 {2}			1132390				
Aroclor-1262 {3}			463438				
Aroclor-1262 {4}			477316				
Aroclor-1262 {5}			384445				
Aroclor-1268			1247330				
Aroclor-1268 {2}			1159911				
Aroclor-1268 {3}			997935				
Aroclor-1268 {4}			256013				
Aroclor-1268 {5}			3032368				

GC Column (2nd): DB-1701P

Data File: R8052.C R8051.C R8050.C R8049.C R8048.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			516743				
Aroclor-1262 {2}			1068755				
Aroclor-1262 {3}			396344				
Aroclor-1262 {4}			741227				
Aroclor-1262 {5}			146821				
Aroclor-1268			1103103				
Aroclor-1268 {2}			1051143				
Aroclor-1268 {3}			905800				
Aroclor-1268 {4}			238330				
Aroclor-1268 {5}			2892666				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/12/2013 **Instrument ID:** GC-R

Data File: R8680.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.14	3.28	206206	225752	9.48
Aroclor-1016 {2}	4.05	3.98	4.12	285474	302236	5.87
Aroclor-1016 {3}	4.60	4.53	4.67	371376	389848	4.97
Aroclor-1016 {4}	5.11	5.03	5.17	166680	189182	13.50
Aroclor-1016 {5}	5.51	5.43	5.57	293615	309211	5.31
Aroclor-1260	8.30	7.39	9.19	849013	888695	4.67
Aroclor-1260 {2}	8.98	8.07	9.87	415817	417308	0.36
Aroclor-1260 {3}	9.45	8.54	10.34	956817	994404	3.93
Aroclor-1260 {4}	9.93	9.02	10.82	515317	523238	1.54
Aroclor-1260 {5}	11.00	10.09	11.89	221443	207303	6.39
					Average %D	5.60

Data File: R8680.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.37	3.51	218165	241365	10.63
Aroclor-1016 {2}	4.01	3.94	4.08	440985	450594	2.18
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1056928	13.14
Aroclor-1016 {4}	4.93	4.86	5.00	404062	442890	9.61
Aroclor-1016 {5}	5.10	5.03	5.17	310589	340989	9.79
Aroclor-1260	7.43	6.53	8.33	363048	406869	12.07
Aroclor-1260 {2}	7.68	6.79	8.59	525762	583477	10.98
Aroclor-1260 {3}	9.26	8.37	10.17	456214	527082	15.53
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1081694	18.02
Aroclor-1260 {5}	10.36	9.46	11.26	666324	766458	15.03
					Average %D	11.70

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/12/2013 **Instrument ID:** GC-R

Data File: R8696.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.14	3.28	206206	230142	11.61
Aroclor-1016 {2}	4.05	3.98	4.12	285474	312754	9.56
Aroclor-1016 {3}	4.60	4.53	4.67	371376	389459	4.87
Aroclor-1016 {4}	5.11	5.03	5.17	166680	196761	18.05
Aroclor-1016 {5}	5.51	5.43	5.57	293615	307065	4.58
Aroclor-1260	8.30	7.39	9.19	849013	829617	2.28
Aroclor-1260 {2}	8.98	8.07	9.87	415817	385564	7.28
Aroclor-1260 {3}	9.45	8.54	10.34	956817	909687	4.93
Aroclor-1260 {4}	9.93	9.02	10.82	515317	475532	7.72
Aroclor-1260 {5}	11.00	10.09	11.89	221443	187375	15.38
					Average %D	8.63

Data File: R8696.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.44	3.37	3.51	218165	246823	13.14
Aroclor-1016 {2}	4.01	3.94	4.08	440985	456714	3.57
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1059969	13.46
Aroclor-1016 {4}	4.93	4.86	5.00	404062	443877	9.85
Aroclor-1016 {5}	5.10	5.03	5.17	310589	341674	10.01
Aroclor-1260	7.43	6.53	8.33	363048	391466	7.83
Aroclor-1260 {2}	7.68	6.79	8.59	525762	559897	6.49
Aroclor-1260 {3}	9.27	8.37	10.17	456214	488275	7.03
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1014811	10.72
Aroclor-1260 {5}	10.36	9.46	11.26	666324	704860	5.78
					Average %D	8.79

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.25	3.25	3.25	3.25	3.25	3.25	3.18	3.32
Aroclor-1016 {2}	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1016 {3}	4.63	4.63	4.63	4.63	4.63	4.63	4.56	4.70
Aroclor-1016 {4}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {5}	5.52	5.52	5.52	5.52	5.52	5.52	5.45	5.59
Aroclor-1221			2.16				2.09	2.23
Aroclor-1221 {2}			3.05				2.98	3.12
Aroclor-1221 {3}			3.18				3.11	3.25
Aroclor-1221 {4}			3.25				3.18	3.32
Aroclor-1221 {5}			3.84				3.77	3.91
Aroclor-1232			3.25				3.18	3.32
Aroclor-1232 {2}			4.08				4.01	4.15
Aroclor-1232 {3}			4.74				4.67	4.81
Aroclor-1232 {4}			5.33				5.26	5.40
Aroclor-1232 {5}			5.53				5.46	5.60
Aroclor-1242			4.08				4.01	4.15
Aroclor-1242 {2}			5.01				4.94	5.08
Aroclor-1242 {3}			5.33				5.26	5.40
Aroclor-1242 {4}			6.03				5.96	6.10
Aroclor-1242 {5}			6.31				6.24	6.38
Aroclor-1248			4.48				4.40	4.56
Aroclor-1248 {2}			5.01				4.93	5.09
Aroclor-1248 {3}			5.33				5.25	5.41
Aroclor-1248 {4}			6.03				5.95	6.11
Aroclor-1248 {5}			6.31				6.23	6.39
Aroclor-1254			6.42				6.34	6.50
Aroclor-1254 {2}			6.86				6.78	6.94
Aroclor-1254 {3}			7.02				6.93	7.11
Aroclor-1254 {4}			7.47				7.38	7.56
Aroclor-1254 {5}			8.31				8.22	8.40
Aroclor-1260	8.31	8.31	8.30	8.30	8.30	8.30	7.40	9.20
Aroclor-1260 {2}	8.98	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.46	9.46	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.95	9.94	9.94	9.93	9.93	9.94	9.04	10.84
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-Y

GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2134111	1997870	1967551	1954564	1891952	1989210	4.51
Aroclor-1016 {2}	2966088	2815668	2862095	2801985	2758385	2840844	2.79
Aroclor-1016 {3}	4380732	3888338	3866838	3959107	3721663	3963335	6.28
Aroclor-1016 {4}	2179240	2136778	2098177	2053415	1962463	2086015	3.99
Aroclor-1016 {5}	3957114	3153508	3264967	3248364	3225745	3369940	9.82
Aroclor-1221			672894				
Aroclor-1221 {2}			1238291				
Aroclor-1221 {3}			796609				
Aroclor-1221 {4}			2905015				
Aroclor-1221 {5}			411778				
Aroclor-1232			1886346				
Aroclor-1232 {2}			1072566				
Aroclor-1232 {3}			949665				
Aroclor-1232 {4}			1048873				
Aroclor-1232 {5}			1431787				
Aroclor-1242			2237271				
Aroclor-1242 {2}			1442244				
Aroclor-1242 {3}			1983207				
Aroclor-1242 {4}			3399854				
Aroclor-1242 {5}			2846996				
Aroclor-1248			4502969				
Aroclor-1248 {2}			2724136				
Aroclor-1248 {3}			3608345				
Aroclor-1248 {4}			6255399				
Aroclor-1248 {5}			3943446				
Aroclor-1254			6552129				
Aroclor-1254 {2}			4076540				
Aroclor-1254 {3}			8138124				
Aroclor-1254 {4}			5370388				
Aroclor-1254 {5}			7798856				
Aroclor-1260	6727971	8877763	9876337	9785491	9629625	8979437	14.69
Aroclor-1260 {2}	3471909	4070519	4448643	4325169	4366645	4136577	9.61
Aroclor-1260 {3}	9734362	11797260	13317378	13306882	12874777	12206132	12.40
Aroclor-1260 {4}	4946593	5298512	5806544	5947609	5929075	5585667	7.95
Aroclor-1260 {5}	2313432	2842494	2923739	2870346	3000689	2790140	9.79
					Average %RSD		8.18

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.73	3.72	3.73	3.72	3.72	3.73	3.66	3.80
Aroclor-1016 {2}	4.32	4.32	4.32	4.32	4.32	4.32	4.25	4.39
Aroclor-1016 {3}	5.07	5.06	5.06	5.06	5.06	5.06	4.99	5.13
Aroclor-1016 {4}	5.27	5.27	5.27	5.27	5.27	5.27	5.20	5.34
Aroclor-1016 {5}	5.44	5.44	5.44	5.44	5.44	5.44	5.37	5.51
Aroclor-1221			2.42				2.35	2.49
Aroclor-1221 {2}			3.40				3.33	3.47
Aroclor-1221 {3}			3.63				3.56	3.70
Aroclor-1221 {4}			3.73				3.66	3.80
Aroclor-1221 {5}			5.06				4.99	5.13
Aroclor-1232			3.73				3.66	3.80
Aroclor-1232 {2}			4.69				4.62	4.76
Aroclor-1232 {3}			5.27				5.20	5.34
Aroclor-1232 {4}			5.44				5.37	5.51
Aroclor-1232 {5}			6.04				5.97	6.11
Aroclor-1242			4.69				4.62	4.76
Aroclor-1242 {2}			5.44				5.37	5.51
Aroclor-1242 {3}			6.03				5.96	6.10
Aroclor-1242 {4}			6.19				6.12	6.26
Aroclor-1242 {5}			6.74				6.67	6.81
Aroclor-1248			5.06				4.98	5.14
Aroclor-1248 {2}			5.64				5.56	5.72
Aroclor-1248 {3}			6.04				5.96	6.12
Aroclor-1248 {4}			6.19				6.11	6.27
Aroclor-1248 {5}			6.54				6.46	6.62
Aroclor-1254			7.03				6.95	7.11
Aroclor-1254 {2}			7.61				7.53	7.69
Aroclor-1254 {3}			8.24				8.15	8.33
Aroclor-1254 {4}			8.45				8.36	8.54
Aroclor-1254 {5}			9.04				8.95	9.13
Aroclor-1260	7.79	7.79	7.79	7.79	7.79	7.79	6.89	8.69
Aroclor-1260 {2}	8.05	8.04	8.04	8.04	8.04	8.04	7.14	8.94
Aroclor-1260 {3}	9.63	9.63	9.63	9.63	9.63	9.63	8.73	10.53
Aroclor-1260 {4}	10.14	10.14	10.14	10.14	10.14	10.14	9.24	11.04
Aroclor-1260 {5}	10.73	10.73	10.72	10.72	10.72	10.72	9.82	11.62

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	631662	691572	561579	531873	495035	582344	13.57
Aroclor-1016 {2}	1324904	1406551	1163286	1095367	1021148	1202251	13.32
Aroclor-1016 {3}	2857519	2900738	2521452	2413812	2290462	2596797	10.43
Aroclor-1016 {4}	1334969	1360425	1109688	1036701	979061	1164169	14.95
Aroclor-1016 {5}	1047445	1024840	853887	810670	767729	900914	14.14
Aroclor-1221			236027				
Aroclor-1221 {2}			327658				
Aroclor-1221 {3}			235991				
Aroclor-1221 {4}			808364				
Aroclor-1221 {5}			147180				
Aroclor-1232			539619				
Aroclor-1232 {2}			205050				
Aroclor-1232 {3}			450201				
Aroclor-1232 {4}			339998				
Aroclor-1232 {5}			480743				
Aroclor-1242			403643				
Aroclor-1242 {2}			679481				
Aroclor-1242 {3}			902082				
Aroclor-1242 {4}			755076				
Aroclor-1242 {5}			1443012				
Aroclor-1248			1244705				
Aroclor-1248 {2}			2013634				
Aroclor-1248 {3}			1425642				
Aroclor-1248 {4}			1291512				
Aroclor-1248 {5}			680383				
Aroclor-1254			1765742				
Aroclor-1254 {2}			1416680				
Aroclor-1254 {3}			1286171				
Aroclor-1254 {4}			873683				
Aroclor-1254 {5}			2051542				
Aroclor-1260	978684	1161451	998063	930672	893116	992397	10.38
Aroclor-1260 {2}	1646604	1811641	1557995	1442946	1365879	1565013	11.16
Aroclor-1260 {3}	1385303	1513423	1360535	1307341	1249998	1363320	7.24
Aroclor-1260 {4}	2703017	3299037	3027831	2942027	2785237	2951430	7.87
Aroclor-1260 {5}	1906770	2406307	2216845	2141355	2016926	2137641	8.95
						Average %RSD	11.20

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			8.59				8.47	8.71
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}			10.16				10.04	10.28
Aroclor-1268 {3}			10.62				10.50	10.74
Aroclor-1268 {4}			10.75				10.63	10.87
Aroclor-1268 {5}			11.59				11.47	11.71

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.63				9.51	9.75
Aroclor-1262 {2}			10.14				10.02	10.26
Aroclor-1262 {3}			10.63				10.51	10.75
Aroclor-1262 {4}			10.72				10.60	10.84
Aroclor-1262 {5}			11.32				11.20	11.44
Aroclor-1268			10.63				10.51	10.75
Aroclor-1268 {2}			10.71				10.59	10.83
Aroclor-1268 {3}			10.96				10.84	11.08
Aroclor-1268 {4}			11.10				10.98	11.22
Aroclor-1268 {5}			12.18				12.06	12.30

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			8274685				
Aroclor-1262 {2}			17337534				
Aroclor-1262 {3}			6288049				
Aroclor-1262 {4}			8890002				
Aroclor-1262 {5}			5889328				
Aroclor-1268			17049129				
Aroclor-1268 {2}			23037290				
Aroclor-1268 {3}			16793619				
Aroclor-1268 {4}			4491494				
Aroclor-1268 {5}			55817450				

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1773727				
Aroclor-1262 {2}			4112172				
Aroclor-1262 {3}			1308101				
Aroclor-1262 {4}			2970964				
Aroclor-1262 {5}			645433				
Aroclor-1268			3756402				
Aroclor-1268 {2}			4381926				
Aroclor-1268 {3}			3388977				
Aroclor-1268 {4}			1030655				
Aroclor-1268 {5}			10199046				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/25/2013 **Instrument ID:** GC-Y

Data File: Y7560.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.24	3.18	3.32	1989210	2192496	10.22
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	2789699	1.80
Aroclor-1016 {3}	4.62	4.56	4.70	3963335	4176270	5.37
Aroclor-1016 {4}	5.12	5.06	5.20	2086015	2067706	0.88
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	3366029	0.12
Aroclor-1260	8.29	7.40	9.20	8979437	9818822	9.35
Aroclor-1260 {2}	8.96	8.07	9.87	4136577	3650188	11.76
Aroclor-1260 {3}	9.44	8.55	10.35	12206132	11836301	3.03
Aroclor-1260 {4}	9.92	9.04	10.84	5585667	5581071	0.08
Aroclor-1260 {5}	10.97	10.09	11.89	2790140	2691198	3.55
					Average %D	4.62

Data File: Y7560.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.73	3.66	3.80	582344	656991	12.82
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1321959	9.96
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2999158	15.49
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1178839	1.26
Aroclor-1016 {5}	5.45	5.37	5.51	900914	980379	8.82
Aroclor-1260	7.79	6.89	8.69	992397	1100834	10.93
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1615146	3.20
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1439945	5.62
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3140172	6.39
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2309514	8.04
					Average %D	8.25

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/25/2013 **Instrument ID:** GC-Y

Data File: Y7567.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.25	3.18	3.32	1989210	2176759	9.43
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2739359	3.57
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	4158840	4.93
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2352976	12.80
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	3433086	1.87
Aroclor-1260	8.31	7.40	9.20	8979437	10175705	13.32
Aroclor-1260 {2}	8.98	8.07	9.87	4136577	3895516	5.83
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	13361513	9.47
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	5875057	5.18
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2842944	1.89
					Average %D	6.83

Data File: Y7567.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.73	3.66	3.80	582344	652448	12.04
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1314888	9.37
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	2939878	13.21
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1210179	3.95
Aroclor-1016 {5}	5.44	5.37	5.51	900914	981784	8.98
Aroclor-1260	7.79	6.89	8.69	992397	1101985	11.04
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1719546	9.87
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1569549	15.13
Aroclor-1260 {4}	10.14	9.24	11.04	2951430	3510963	18.96
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2512827	17.55
					Average %D	12.01

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.25	3.25	3.25	3.25	3.25	3.25	3.18	3.32
Aroclor-1016 {2}	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1016 {3}	4.63	4.63	4.63	4.63	4.63	4.63	4.56	4.70
Aroclor-1016 {4}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {5}	5.52	5.52	5.52	5.52	5.52	5.52	5.45	5.59
Aroclor-1221			2.16				2.09	2.23
Aroclor-1221 {2}			3.05				2.98	3.12
Aroclor-1221 {3}			3.18				3.11	3.25
Aroclor-1221 {4}			3.25				3.18	3.32
Aroclor-1221 {5}			3.84				3.77	3.91
Aroclor-1232			3.25				3.18	3.32
Aroclor-1232 {2}			4.08				4.01	4.15
Aroclor-1232 {3}			4.74				4.67	4.81
Aroclor-1232 {4}			5.33				5.26	5.40
Aroclor-1232 {5}			5.53				5.46	5.60
Aroclor-1242			4.08				4.01	4.15
Aroclor-1242 {2}			5.01				4.94	5.08
Aroclor-1242 {3}			5.33				5.26	5.40
Aroclor-1242 {4}			6.03				5.96	6.10
Aroclor-1242 {5}			6.31				6.24	6.38
Aroclor-1248			4.48				4.40	4.56
Aroclor-1248 {2}			5.01				4.93	5.09
Aroclor-1248 {3}			5.33				5.25	5.41
Aroclor-1248 {4}			6.03				5.95	6.11
Aroclor-1248 {5}			6.31				6.23	6.39
Aroclor-1254			6.42				6.34	6.50
Aroclor-1254 {2}			6.86				6.78	6.94
Aroclor-1254 {3}			7.02				6.93	7.11
Aroclor-1254 {4}			7.47				7.38	7.56
Aroclor-1254 {5}			8.31				8.22	8.40
Aroclor-1260	8.31	8.31	8.30	8.30	8.30	8.30	7.40	9.20
Aroclor-1260 {2}	8.98	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.46	9.46	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.95	9.94	9.94	9.93	9.93	9.94	9.04	10.84
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-Y

GC Column (1st): DB-5

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	2134111	1997870	1967551	1954564	1891952	1989210	4.51
Aroclor-1016 {2}	2966088	2815668	2862095	2801985	2758385	2840844	2.79
Aroclor-1016 {3}	4380732	3888338	3866838	3959107	3721663	3963335	6.28
Aroclor-1016 {4}	2179240	2136778	2098177	2053415	1962463	2086015	3.99
Aroclor-1016 {5}	3957114	3153508	3264967	3248364	3225745	3369940	9.82
Aroclor-1221			672894				
Aroclor-1221 {2}			1238291				
Aroclor-1221 {3}			796609				
Aroclor-1221 {4}			2905015				
Aroclor-1221 {5}			411778				
Aroclor-1232			1886346				
Aroclor-1232 {2}			1072566				
Aroclor-1232 {3}			949665				
Aroclor-1232 {4}			1048873				
Aroclor-1232 {5}			1431787				
Aroclor-1242			2237271				
Aroclor-1242 {2}			1442244				
Aroclor-1242 {3}			1983207				
Aroclor-1242 {4}			3399854				
Aroclor-1242 {5}			2846996				
Aroclor-1248			4502969				
Aroclor-1248 {2}			2724136				
Aroclor-1248 {3}			3608345				
Aroclor-1248 {4}			6255399				
Aroclor-1248 {5}			3943446				
Aroclor-1254			6552129				
Aroclor-1254 {2}			4076540				
Aroclor-1254 {3}			8138124				
Aroclor-1254 {4}			5370388				
Aroclor-1254 {5}			7798856				
Aroclor-1260	6727971	8877763	9876337	9785491	9629625	8979437	14.69
Aroclor-1260 {2}	3471909	4070519	4448643	4325169	4366645	4136577	9.61
Aroclor-1260 {3}	9734362	11797260	13317378	13306882	12874777	12206132	12.40
Aroclor-1260 {4}	4946593	5298512	5806544	5947609	5929075	5585667	7.95
Aroclor-1260 {5}	2313432	2842494	2923739	2870346	3000689	2790140	9.79
						Average %RSD	8.18

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.73	3.72	3.73	3.72	3.72	3.73	3.66	3.80
Aroclor-1016 {2}	4.32	4.32	4.32	4.32	4.32	4.32	4.25	4.39
Aroclor-1016 {3}	5.07	5.06	5.06	5.06	5.06	5.06	4.99	5.13
Aroclor-1016 {4}	5.27	5.27	5.27	5.27	5.27	5.27	5.20	5.34
Aroclor-1016 {5}	5.44	5.44	5.44	5.44	5.44	5.44	5.37	5.51
Aroclor-1221			2.42				2.35	2.49
Aroclor-1221 {2}			3.40				3.33	3.47
Aroclor-1221 {3}			3.63				3.56	3.70
Aroclor-1221 {4}			3.73				3.66	3.80
Aroclor-1221 {5}			5.06				4.99	5.13
Aroclor-1232			3.73				3.66	3.80
Aroclor-1232 {2}			4.69				4.62	4.76
Aroclor-1232 {3}			5.27				5.20	5.34
Aroclor-1232 {4}			5.44				5.37	5.51
Aroclor-1232 {5}			6.04				5.97	6.11
Aroclor-1242			4.69				4.62	4.76
Aroclor-1242 {2}			5.44				5.37	5.51
Aroclor-1242 {3}			6.03				5.96	6.10
Aroclor-1242 {4}			6.19				6.12	6.26
Aroclor-1242 {5}			6.74				6.67	6.81
Aroclor-1248			5.06				4.98	5.14
Aroclor-1248 {2}			5.64				5.56	5.72
Aroclor-1248 {3}			6.04				5.96	6.12
Aroclor-1248 {4}			6.19				6.11	6.27
Aroclor-1248 {5}			6.54				6.46	6.62
Aroclor-1254			7.03				6.95	7.11
Aroclor-1254 {2}			7.61				7.53	7.69
Aroclor-1254 {3}			8.24				8.15	8.33
Aroclor-1254 {4}			8.45				8.36	8.54
Aroclor-1254 {5}			9.04				8.95	9.13
Aroclor-1260	7.79	7.79	7.79	7.79	7.79	7.79	6.89	8.69
Aroclor-1260 {2}	8.05	8.04	8.04	8.04	8.04	8.04	7.14	8.94
Aroclor-1260 {3}	9.63	9.63	9.63	9.63	9.63	9.63	8.73	10.53
Aroclor-1260 {4}	10.14	10.14	10.14	10.14	10.14	10.14	9.24	11.04
Aroclor-1260 {5}	10.73	10.73	10.72	10.72	10.72	10.72	9.82	11.62

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-Y

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	631662	691572	561579	531873	495035	582344	13.57
Aroclor-1016 {2}	1324904	1406551	1163286	1095367	1021148	1202251	13.32
Aroclor-1016 {3}	2857519	2900738	2521452	2413812	2290462	2596797	10.43
Aroclor-1016 {4}	1334969	1360425	1109688	1036701	979061	1164169	14.95
Aroclor-1016 {5}	1047445	1024840	853887	810670	767729	900914	14.14
Aroclor-1221			236027				
Aroclor-1221 {2}			327658				
Aroclor-1221 {3}			235991				
Aroclor-1221 {4}			808364				
Aroclor-1221 {5}			147180				
Aroclor-1232			539619				
Aroclor-1232 {2}			205050				
Aroclor-1232 {3}			450201				
Aroclor-1232 {4}			339998				
Aroclor-1232 {5}			480743				
Aroclor-1242			403643				
Aroclor-1242 {2}			679481				
Aroclor-1242 {3}			902082				
Aroclor-1242 {4}			755076				
Aroclor-1242 {5}			1443012				
Aroclor-1248			1244705				
Aroclor-1248 {2}			2013634				
Aroclor-1248 {3}			1425642				
Aroclor-1248 {4}			1291512				
Aroclor-1248 {5}			680383				
Aroclor-1254			1765742				
Aroclor-1254 {2}			1416680				
Aroclor-1254 {3}			1286171				
Aroclor-1254 {4}			873683				
Aroclor-1254 {5}			2051542				
Aroclor-1260	978684	1161451	998063	930672	893116	992397	10.38
Aroclor-1260 {2}	1646604	1811641	1557995	1442946	1365879	1565013	11.16
Aroclor-1260 {3}	1385303	1513423	1360535	1307341	1249998	1363320	7.24
Aroclor-1260 {4}	2703017	3299037	3027831	2942027	2785237	2951430	7.87
Aroclor-1260 {5}	1906770	2406307	2216845	2141355	2016926	2137641	8.95
						Average %RSD	11.20

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			8.59				8.47	8.71
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}			10.16				10.04	10.28
Aroclor-1268 {3}			10.62				10.50	10.74
Aroclor-1268 {4}			10.75				10.63	10.87
Aroclor-1268 {5}			11.59				11.47	11.71

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.63				9.51	9.75
Aroclor-1262 {2}			10.14				10.02	10.26
Aroclor-1262 {3}			10.63				10.51	10.75
Aroclor-1262 {4}			10.72				10.60	10.84
Aroclor-1262 {5}			11.32				11.20	11.44
Aroclor-1268			10.63				10.51	10.75
Aroclor-1268 {2}			10.71				10.59	10.83
Aroclor-1268 {3}			10.96				10.84	11.08
Aroclor-1268 {4}			11.10				10.98	11.22
Aroclor-1268 {5}			12.18				12.06	12.30

AROCLOR INITIAL CALIBRATION SUMMARY

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

Data File: Y7377.D Y7376.D Y7375.D Y7374.D Y7373.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			8274685				
Aroclor-1262 {2}			17337534				
Aroclor-1262 {3}			6288049				
Aroclor-1262 {4}			8890002				
Aroclor-1262 {5}			5889328				
Aroclor-1268			17049129				
Aroclor-1268 {2}			23037290				
Aroclor-1268 {3}			16793619				
Aroclor-1268 {4}			4491494				
Aroclor-1268 {5}			55817450				

GC Column (2nd): DB-1701P

Data File: Y7377.C Y7376.C Y7375.C Y7374.C Y7373.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1773727				
Aroclor-1262 {2}			4112172				
Aroclor-1262 {3}			1308101				
Aroclor-1262 {4}			2970964				
Aroclor-1262 {5}			645433				
Aroclor-1268			3756402				
Aroclor-1268 {2}			4381926				
Aroclor-1268 {3}			3388977				
Aroclor-1268 {4}			1030655				
Aroclor-1268 {5}			10199046				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/29/2013 **Instrument ID:** GC-Y

Data File: Y7689.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.25	3.18	3.32	1989210	2030706	2.09
Aroclor-1016 {2}	4.07	4.01	4.15	2840844	2499077	12.03
Aroclor-1016 {3}	4.62	4.56	4.70	3963335	3795914	4.22
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2167677	3.91
Aroclor-1016 {5}	5.52	5.45	5.59	3369940	3181971	5.58
Aroclor-1260	8.30	7.40	9.20	8979437	8446534	5.93
Aroclor-1260 {2}	8.97	8.07	9.87	4136577	3409172	17.58
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	10476783	14.17
Aroclor-1260 {4}	9.93	9.04	10.84	5585667	4572810	18.13
Aroclor-1260 {5}	10.98	10.09	11.89	2790140	2395441	14.15
					Average %D	9.78

Data File: Y7689.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.73	3.66	3.80	582344	678583	16.53
Aroclor-1016 {2}	4.32	4.25	4.39	1202251	1441003	19.86
Aroclor-1016 {3}	5.07	4.99	5.13	2596797	3090026	18.99
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1267200	8.85
Aroclor-1016 {5}	5.44	5.37	5.51	900914	1068708	18.62
Aroclor-1260	7.79	6.89	8.69	992397	1152703	16.15
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1780426	13.76
Aroclor-1260 {3}	9.63	8.73	10.53	1363320	1490084	9.30
Aroclor-1260 {4}	10.14	9.24	11.04	2951430	3335392	13.01
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2425693	13.48
					Average %D	14.86

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/29/2013 **Instrument ID:** GC-Y

Data File: Y7714.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.25	3.18	3.32	1989210	1925228	3.22
Aroclor-1016 {2}	4.08	4.01	4.15	2840844	2382155	16.15
Aroclor-1016 {3}	4.63	4.56	4.70	3963335	3698437	6.68
Aroclor-1016 {4}	5.13	5.06	5.20	2086015	2085626	0.02
Aroclor-1016 {5}	5.53	5.45	5.59	3369940	3093043	8.22
Aroclor-1260	8.31	7.40	9.20	8979437	8600132	4.22
Aroclor-1260 {2}	8.98	8.07	9.87	4136577	3377159	18.36
Aroclor-1260 {3}	9.45	8.55	10.35	12206132	11350427	7.01
Aroclor-1260 {4}	9.94	9.04	10.84	5585667	4888611	12.48
Aroclor-1260 {5}	10.99	10.09	11.89	2790140	2878025	3.15
					Average %D	7.95

Data File: Y7714.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.72	3.66	3.80	582344	676430	16.16
Aroclor-1016 {2}	4.31	4.25	4.39	1202251	1427237	18.71
Aroclor-1016 {3}	5.06	4.99	5.13	2596797	3065758	18.06
Aroclor-1016 {4}	5.27	5.20	5.34	1164169	1095183	5.93
Aroclor-1016 {5}	5.44	5.37	5.51	900914	1080272	19.91
Aroclor-1260	7.79	6.89	8.69	992397	1182151	19.12
Aroclor-1260 {2}	8.04	7.14	8.94	1565013	1852276	18.36
Aroclor-1260 {3}	9.62	8.73	10.53	1363320	1613471	18.35
Aroclor-1260 {4}	10.13	9.24	11.04	2951430	3382749	14.61
Aroclor-1260 {5}	10.72	9.82	11.62	2137641	2353310	10.09
					Average %D	15.93

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: 04/30/2013 **Instrument ID:** GC-R

Data File: R9319.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	232745	2.70
Aroclor-1016 {2}	4.05	3.98	4.12	319375	312447	2.17
Aroclor-1016 {3}	4.60	4.53	4.67	412042	402459	2.33
Aroclor-1016 {4}	5.11	5.04	5.18	188306	187439	0.46
Aroclor-1016 {5}	5.51	5.43	5.57	320668	318227	0.76
Aroclor-1260	8.29	7.39	9.19	856226	932417	8.90
Aroclor-1260 {2}	8.97	8.07	9.87	396070	442012	11.60
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1086889	15.23
Aroclor-1260 {4}	9.93	9.03	10.83	506728	582673	14.99
Aroclor-1260 {5}	11.00	10.09	11.89	205649	244163	18.73
					Average %D	7.79

Data File: R9319.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	266424	2.09
Aroclor-1016 {2}	4.00	3.93	4.07	539339	502361	6.86
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1167142	3.90
Aroclor-1016 {4}	4.92	4.85	4.99	490143	484453	1.16
Aroclor-1016 {5}	5.09	5.02	5.16	388431	375220	3.40
Aroclor-1260	7.42	6.52	8.32	453548	434571	4.18
Aroclor-1260 {2}	7.67	6.77	8.57	660597	626890	5.10
Aroclor-1260 {3}	9.25	8.35	10.15	553687	581835	5.08
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1233632	7.46
Aroclor-1260 {5}	10.34	9.45	11.25	817681	907317	10.96
					Average %D	5.02

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013 **Instrument ID:** GC-R

Data File: R9330.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	249324	4.23
Aroclor-1016 {2}	4.05	3.98	4.12	319375	331589	3.82
Aroclor-1016 {3}	4.60	4.53	4.67	412042	427053	3.64
Aroclor-1016 {4}	5.11	5.04	5.18	188306	195026	3.57
Aroclor-1016 {5}	5.50	5.43	5.57	320668	335131	4.51
Aroclor-1260	8.29	7.39	9.19	856226	962266	12.38
Aroclor-1260 {2}	8.97	8.07	9.87	396070	450869	13.84
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1106104	17.27
Aroclor-1260 {4}	9.93	9.03	10.83	506728	590153	16.46
Aroclor-1260 {5}	11.00	10.09	11.89	205649	236403	14.95
					Average %D	9.47

Data File: R9330.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	281387	3.41
Aroclor-1016 {2}	4.00	3.93	4.07	539339	536120	0.60
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1243187	2.37
Aroclor-1016 {4}	4.92	4.85	4.99	490143	511310	4.32
Aroclor-1016 {5}	5.09	5.02	5.16	388431	390293	0.48
Aroclor-1260	7.42	6.52	8.32	453548	450452	0.68
Aroclor-1260 {2}	7.67	6.77	8.57	660597	645870	2.23
Aroclor-1260 {3}	9.25	8.35	10.15	553687	575211	3.89
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1256981	9.50
Aroclor-1260 {5}	10.34	9.45	11.25	817681	907536	10.99
					Average %D	3.85

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013 **Instrument ID:** GC-R

Data File: R9345.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	235539	1.53
Aroclor-1016 {2}	4.05	3.98	4.12	319375	313769	1.76
Aroclor-1016 {3}	4.60	4.53	4.67	412042	406649	1.31
Aroclor-1016 {4}	5.11	5.04	5.18	188306	185778	1.34
Aroclor-1016 {5}	5.51	5.43	5.57	320668	318393	0.71
Aroclor-1260	8.30	7.39	9.19	856226	902996	5.46
Aroclor-1260 {2}	8.98	8.07	9.87	396070	422356	6.64
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1021624	8.31
Aroclor-1260 {4}	9.93	9.03	10.83	506728	541544	6.87
Aroclor-1260 {5}	11.00	10.09	11.89	205649	238121	15.79
					Average %D	4.97

Data File: R9345.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	261080	4.05
Aroclor-1016 {2}	4.00	3.93	4.07	539339	499834	7.32
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1153909	4.99
Aroclor-1016 {4}	4.92	4.85	4.99	490143	477882	2.50
Aroclor-1016 {5}	5.09	5.02	5.16	388431	370443	4.63
Aroclor-1260	7.42	6.52	8.32	453548	424979	6.30
Aroclor-1260 {2}	7.67	6.77	8.57	660597	608855	7.83
Aroclor-1260 {3}	9.25	8.35	10.15	553687	545663	1.45
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1154236	0.55
Aroclor-1260 {5}	10.34	9.45	11.25	817681	825401	0.94
					Average %D	4.06

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/30/2013 **Instrument ID:** GC-R

Data File: R9363.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	238639	0.24
Aroclor-1016 {2}	4.05	3.98	4.12	319375	320104	0.23
Aroclor-1016 {3}	4.60	4.53	4.67	412042	418677	1.61
Aroclor-1016 {4}	5.11	5.04	5.18	188306	189289	0.52
Aroclor-1016 {5}	5.51	5.43	5.57	320668	329276	2.68
Aroclor-1260	8.30	7.39	9.19	856226	985526	15.10
Aroclor-1260 {2}	8.98	8.07	9.87	396070	462754	16.84
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1115485	18.26
Aroclor-1260 {4}	9.93	9.03	10.83	506728	604438	19.28
Aroclor-1260 {5}	11.00	10.09	11.89	205649	238484	15.97
					Average %D	9.07

Data File: R9363.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	263869	3.03
Aroclor-1016 {2}	4.00	3.93	4.07	539339	509446	5.54
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1183151	2.58
Aroclor-1016 {4}	4.92	4.85	4.99	490143	483721	1.31
Aroclor-1016 {5}	5.09	5.02	5.16	388431	376660	3.03
Aroclor-1260	7.42	6.52	8.32	453548	441966	2.55
Aroclor-1260 {2}	7.67	6.77	8.57	660597	635937	3.73
Aroclor-1260 {3}	9.25	8.35	10.15	553687	588568	6.30
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1272240	10.83
Aroclor-1260 {5}	10.34	9.45	11.25	817681	914478	11.84
					Average %D	5.07

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/01/2013 **Instrument ID:** GC-R

Data File: R9403.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	237067	0.89
Aroclor-1016 {2}	4.05	3.98	4.12	319375	317125	0.70
Aroclor-1016 {3}	4.61	4.53	4.67	412042	412145	0.02
Aroclor-1016 {4}	5.11	5.04	5.18	188306	188140	0.09
Aroclor-1016 {5}	5.51	5.43	5.57	320668	326154	1.71
Aroclor-1260	8.30	7.39	9.19	856226	979743	14.43
Aroclor-1260 {2}	8.98	8.07	9.87	396070	460661	16.31
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1121912	18.94
Aroclor-1260 {4}	9.93	9.03	10.83	506728	596009	17.62
Aroclor-1260 {5}	11.00	10.09	11.89	205649	241472	17.42
					Average %D	8.81

Data File: R9403.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	260888	4.12
Aroclor-1016 {2}	4.00	3.93	4.07	539339	499213	7.44
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1165960	3.99
Aroclor-1016 {4}	4.92	4.85	4.99	490143	483262	1.40
Aroclor-1016 {5}	5.09	5.02	5.16	388431	372216	4.17
Aroclor-1260	7.42	6.52	8.32	453548	446829	1.48
Aroclor-1260 {2}	7.67	6.77	8.57	660597	644836	2.39
Aroclor-1260 {3}	9.25	8.35	10.15	553687	592048	6.93
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1258600	9.64
Aroclor-1260 {5}	10.34	9.45	11.25	817681	902931	10.43
					Average %D	5.20

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/01/2013 **Instrument ID:** GC-R

Data File: R9413.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	236445	1.15
Aroclor-1016 {2}	4.05	3.98	4.12	319375	315033	1.36
Aroclor-1016 {3}	4.60	4.53	4.67	412042	405231	1.65
Aroclor-1016 {4}	5.11	5.04	5.18	188306	190408	1.12
Aroclor-1016 {5}	5.51	5.43	5.57	320668	319992	0.21
Aroclor-1260	8.30	7.39	9.19	856226	950954	11.06
Aroclor-1260 {2}	8.97	8.07	9.87	396070	449524	13.50
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1093151	15.89
Aroclor-1260 {4}	9.93	9.03	10.83	506728	578992	14.26
Aroclor-1260 {5}	11.00	10.09	11.89	205649	234330	13.95
					Average %D	7.42

Data File: R9413.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	266896	1.91
Aroclor-1016 {2}	4.00	3.93	4.07	539339	495793	8.07
Aroclor-1016 {3}	4.72	4.65	4.79	1214450	1157983	4.65
Aroclor-1016 {4}	4.92	4.85	4.99	490143	480138	2.04
Aroclor-1016 {5}	5.09	5.02	5.16	388431	371254	4.42
Aroclor-1260	7.42	6.52	8.32	453548	436631	3.73
Aroclor-1260 {2}	7.67	6.77	8.57	660597	630630	4.54
Aroclor-1260 {3}	9.25	8.35	10.15	553687	580515	4.85
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1236767	7.74
Aroclor-1260 {5}	10.34	9.45	11.25	817681	889986	8.84
					Average %D	5.08

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	12.04

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA130410-06	04/12/2013	11:47	2.75		12.10		2.61		12.04	
ES-MW-19B	03057-001	04/12/2013	12:05	2.75		12.10		2.61		12.04	
FB-63	03068-028	04/12/2013	12:22	2.76		12.10		2.61		12.04	
FB-64	03119-029	04/12/2013	12:39	2.75		12.10		2.61		12.04	
FB-65	03153-027	04/12/2013	12:57	2.75		12.10		2.61		12.04	
FB-66	03191-040	04/12/2013	13:14	2.75		12.10		2.61		12.04	
PCB	03057-001MS	04/12/2013	13:32	2.75		12.10		2.61		12.04	
PCB	03057-001MSD	04/12/2013	13:49	2.75		12.10		2.61		12.04	
PCB	LCSA130410-06	04/12/2013	14:07	2.76		12.10		2.61		12.04	

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-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.79 **DCB 1** 12.06 **TCMX 2** 2.87 **DCB 2** 12.39

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA130424-12	04/25/2013	10:26	2.79		12.06		2.87		12.39	
TW-7/8.83	03603-038	04/25/2013	10:43	2.79		12.07		2.87		12.39	
FB-71	03482-022	04/25/2013	11:01	2.79		12.06		2.87		12.39	
FB-72	03562-038	04/25/2013	11:18	2.79		12.07		2.87		12.39	
EFFLUENT	03528-001	04/25/2013	15:01	2.78		12.06		2.87		12.39	
PCB	LCSA130424-12	04/25/2013	15:19	2.79		12.07		2.87		12.39	

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-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.79 **DCB 1** 12.06 **TCMX 2** 2.87 **DCB 2** 12.39

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS130426-15	04/29/2013	15:59	2.79		12.06		2.87		12.39	
DD-28S(4.0	03562-025	04/29/2013	16:16	2.79		12.06		2.87		12.39	
DD-28S(5.0	03562-026	04/29/2013	16:33	2.79		12.07		2.87		12.39	
DD-29W(4.0	03562-028	04/29/2013	16:51	2.79		12.07		2.87		12.39	
WC	03806-001	04/29/2013	17:08	2.79		12.07		2.87		12.39	
GARAGE-1/1	03780-001	04/29/2013	17:25	2.79		12.06		2.87		12.39	
PL-1/1.5-2	03780-002	04/29/2013	17:42	2.79		12.07		2.87		12.39	
PCB	03780-002MS	04/29/2013	17:59	2.79		12.07		2.87		12.39	
PCB	03780-002MSD	04/29/2013	18:16	2.79		12.07		2.87		12.39	
PCB	LCSS130426-15	04/29/2013	18:33	2.79		12.07		2.87		12.39	
X-13E(0-2.	03562-021	04/29/2013	18:51	2.79		12.07		2.87		12.39	
X-13N(0-2.	03562-022	04/29/2013	19:08	2.79		12.06		2.87		12.39	
DD-28S(1.0	03562-023	04/29/2013	19:25	2.79		12.07		2.87		12.39	
DD-28S(2.0	03562-024	04/29/2013	19:42	0.00	D	0.00	D	0.00	D	0.00	D
DD-29W(2.0	03562-027	04/29/2013	19:59	0.00	D	0.00	D	0.00	D	0.00	D
DD-28W(0-2	03562-029	04/29/2013	20:16	2.79		12.06		2.87		12.39	
DD-28W(2.0	03562-030	04/29/2013	20:34	2.79		12.06		2.87		12.39	
DD-28N(0-2	03562-031	04/29/2013	20:51	2.79		12.07		2.87		12.39	
DD-28N(2.0	03562-032	04/29/2013	21:08	2.79		12.07		2.87		12.39	
DD-27E(0-2	03562-033	04/29/2013	21:25	0.00	D	0.00	D	0.00	D	0.00	D
DD-27E(2.0	03562-034	04/29/2013	21:42	0.00	D	0.00	D	0.00	D	0.00	D
DD-27N(2.0	03562-035	04/29/2013	22:00	2.79		0.00	M	2.87		12.39	
DD-27W(2.0	03562-036	04/29/2013	22:17	2.79		12.06		2.87		0.00	M
EE-30N(0-2	03562-037	04/29/2013	22:34	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	BLKS130426-14	04/30/2013	04:50	2.75		12.10		2.60		12.02	
PCB	LCSS130426-14	04/30/2013	05:08	2.75		12.10		2.61		12.02	
P-19N(0-2.	03562-001	04/30/2013	05:25	0.00	D	0.00	D	0.00	D	0.00	D
P-19N(2.0-	03562-002	04/30/2013	05:43	2.76		12.09		2.61		12.02	
P-19N(4.0-	03562-003	04/30/2013	06:00	2.75		12.09		2.60		12.02	
P-19N(5.0-	03562-004	04/30/2013	06:17	2.75		12.09		2.60		12.02	
Q-12E(4.0-	03562-007	04/30/2013	09:07	2.76		12.09		2.61		12.02	
P-20S(0-2.	03562-005	04/30/2013	16:50	2.76		12.10		2.62		12.03	
Q-12E(0-2.	03562-006	04/30/2013	17:07	2.76		12.10		2.61		12.03	
Q-12S(0-2.	03562-008	04/30/2013	17:24	0.00	D	0.00	D	0.00	D	0.00	D
Q-12S(2.0-	03562-009	04/30/2013	17:42	2.76		12.10		2.61		12.03	
Q-12W(0-2.	03562-011	04/30/2013	18:17	2.76		12.10		2.61		12.02	
Q-12W(2.0-	03562-012	04/30/2013	18:34	2.76		12.10		2.61		12.03	
Q-12N(0-2.	03562-014	04/30/2013	19:09	2.76		12.10		2.61		12.03	
X-14W(0-2.	03562-017	04/30/2013	20:01	2.76		12.10		2.61		12.02	
X-14S(0-2.	03562-018	04/30/2013	20:19	2.76		12.10		2.61		12.02	
Q-12S(4.0-	03562-010	05/01/2013	11:26	2.76		12.10		2.61		12.03	
Q-12W(4.0-	03562-013	05/01/2013	11:43	2.76		12.10		2.61		12.03	
Q-12N(2.0-	03562-015	05/01/2013	12:01	2.76		12.10		2.61		12.02	
X-14E(0-2.	03562-019	05/01/2013	12:36	2.76		12.10		2.61		12.02	
X-15N(0-2.	03562-020	05/01/2013	12:53	2.76		12.09		2.61		12.03	
PCB	03562-020MS	05/01/2013	13:10	2.76		12.10		2.61		12.03	
PCB	03562-020MSD	05/01/2013	13:28	2.76		12.10		2.61		12.03	
Q-12N(4.0-	03562-016	05/01/2013	14:04	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\04-29-13\
Data File : R9322.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 5:25
Operator : JS
Sample : P-19N(0-2.,03562-001,S,5.13g,10.3,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,100
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:09:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	84672555	98717706	182.478	182.459
24) L6 Aroclor-1248 {2}	4.99	5.29	138.1E6	660.3E6	527.342	833.960 #
25) L6 Aroclor-1248 {3}	5.31	5.68	292.2E6	582.4E6	864.980	1021.458
26) L6 Aroclor-1248 {4}	6.01	5.82	636.8E6	629.5E6	1248.818	1316.966
27) L6 Aroclor-1248 {5}	6.28	6.17	539.7E6	316.4E6	1314.985	1117.924
Sum Aroclor-1248			1691.5E6	2287.3E6	4138.604	4472.766
Average Aroclor-1248					827.721	894.553
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

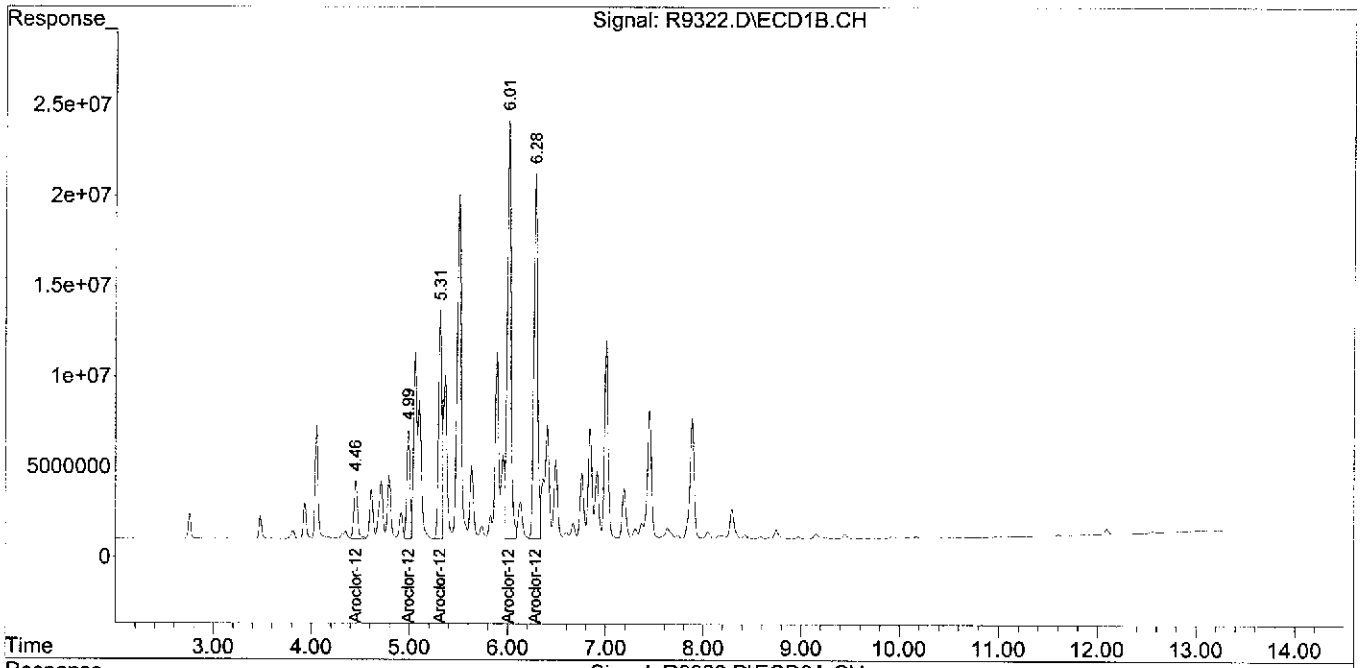
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

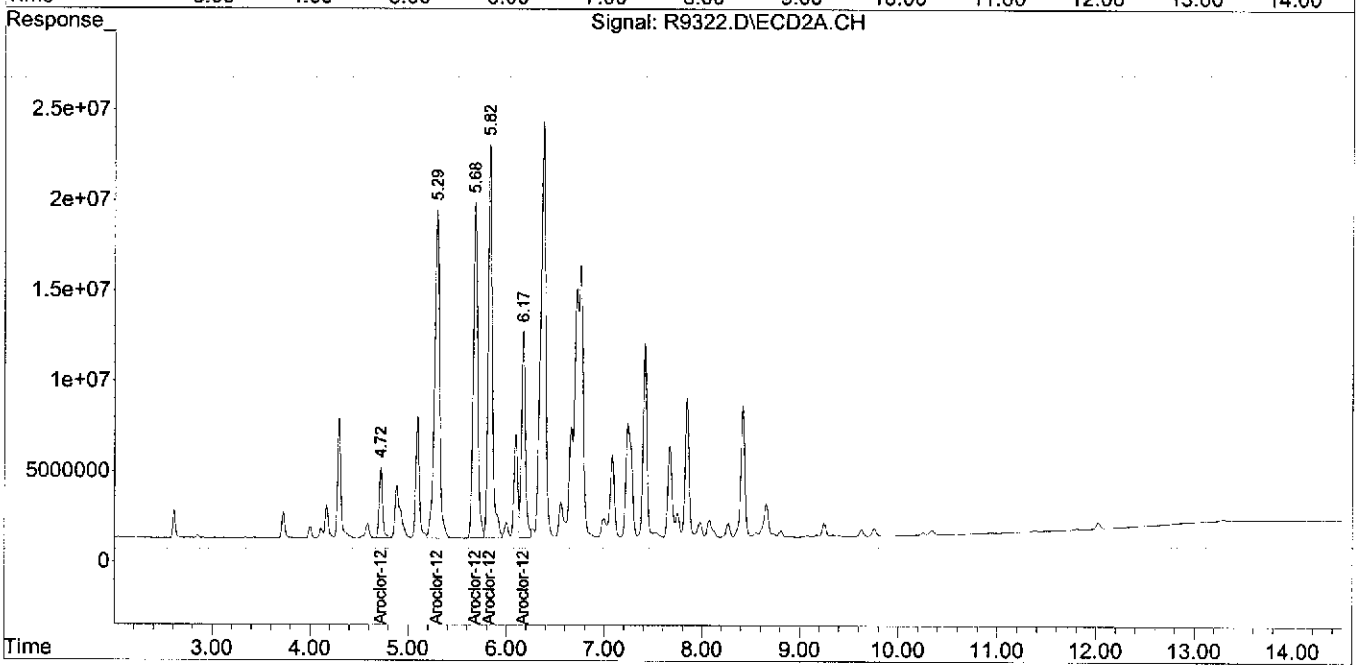
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9322.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 5:25
Operator : JS
Sample : P-19N(0-2.,03562-001,S,5.13g,10.3,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,100
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:09:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-29-13\
Data File : R9323.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 5:43
Operator : JS
Sample : P-19N(2.0-,03562-002,S,5.33g,25.2,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,10
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:22:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	339.0E6	306.6E6	25.148	20.248	
Spiked Amount 200.000			Recovery	=	12.57%	10.12%	
2) S DCB	12.09	12.02	90192763	98738564	29.633m	28.563m	
Spiked Amount 200.000			Recovery	=	14.82%	14.28%	
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	4.44	4.72	435.8E6	482.9E6	939.184	892.578	
24) L6 Aroclor-1248 {2}	4.99	5.29	137.5E6	583.7E6	525.307	737.159	#
25) L6 Aroclor-1248 {3}	5.31	5.68	105.1E6	228.5E6	310.984	400.833	#
26) L6 Aroclor-1248 {4}	6.01	5.82	85533568	188.3E6	167.728	393.974	#
27) L6 Aroclor-1248 {5}	6.28	6.17	52281020	51642615	127.380	182.441	#
Sum Aroclor-1248			816.2E6	1535.1E6	2070.583	2606.985	
Average Aroclor-1248					414.117	521.397	
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	

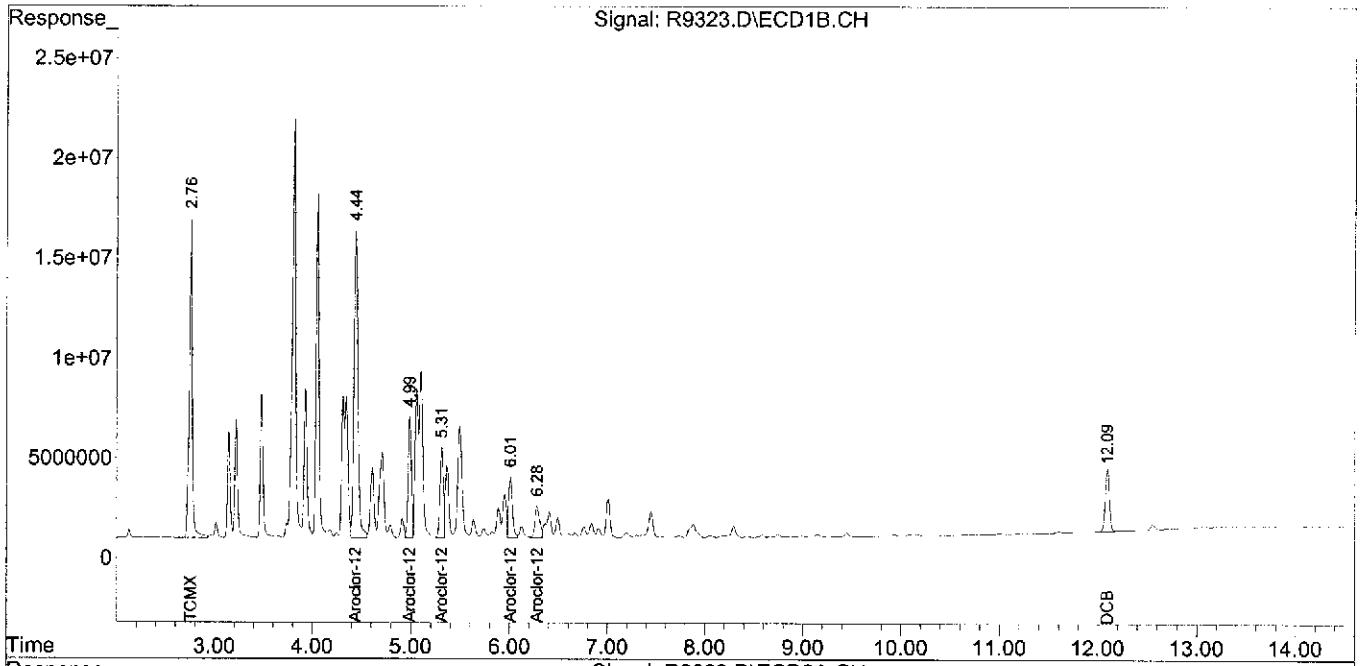
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

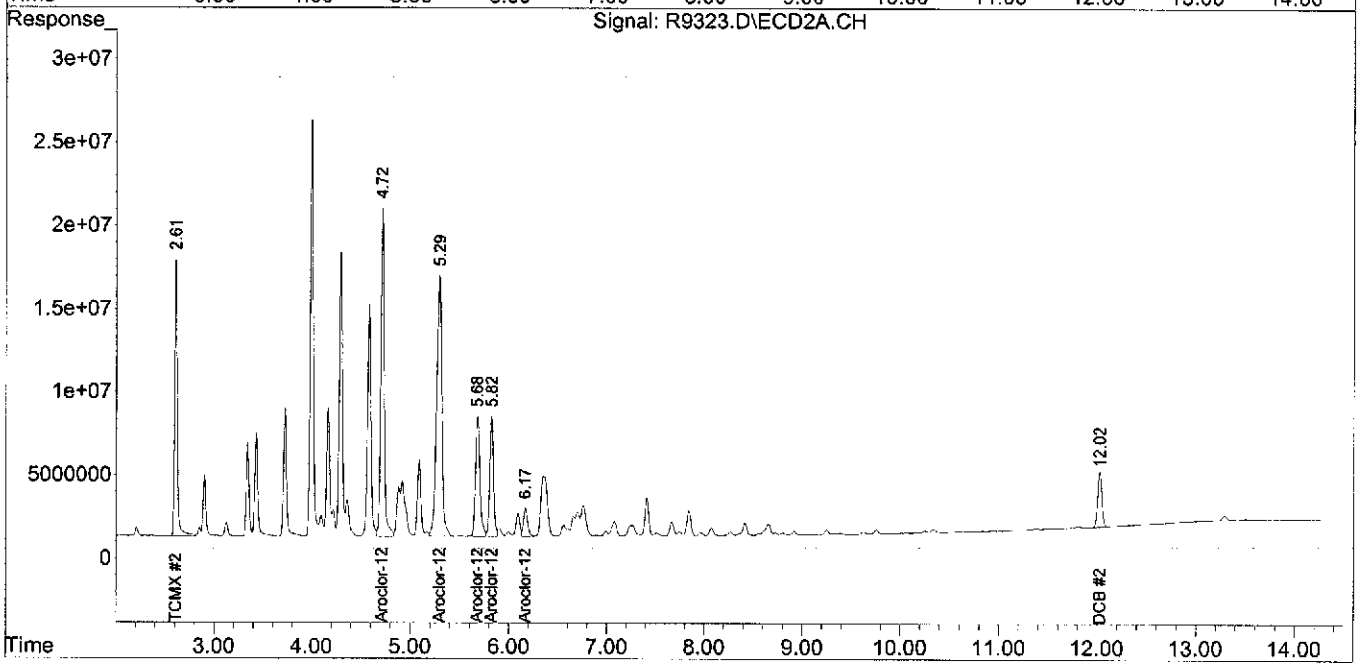
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9323.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 5:43
Operator : JS
Sample : P-19N(2.0-,03562-002,S,5.33g,25.2,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,10
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:22:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-29-13\
Data File : R9324.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 6:00
Operator : JS
Sample : P-19N(4.0-,03562-003,S,5.05g,75.8,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:20:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	3291.4E6	3633.7E6	244.146	239.962
Spiked Amount 200.000			Recovery	=	122.07%	119.98%
2) S DCB	12.09	12.02	1025.1E6	1137.2E6	336.802	328.974
Spiked Amount 200.000			Recovery	=	168.40%	164.49%
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	4.45	4.72	7850189	5905068	16.918	10.914m#
24) L6 Aroclor-1248 {2}	4.99	5.29	1894272	10033490	7.234	12.672m#
25) L6 Aroclor-1248 {3}	5.31	5.67	2520830	5820682	7.461	10.209m#
26) L6 Aroclor-1248 {4}	6.01	5.82	4996212	5894012	9.797	12.332m#
27) L6 Aroclor-1248 {5}	6.28	6.16	3129096	4610903	7.624	16.289m#
Sum Aroclor-1248			20390599	32264155	49.035	62.417
Average Aroclor-1248					9.807	12.483
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

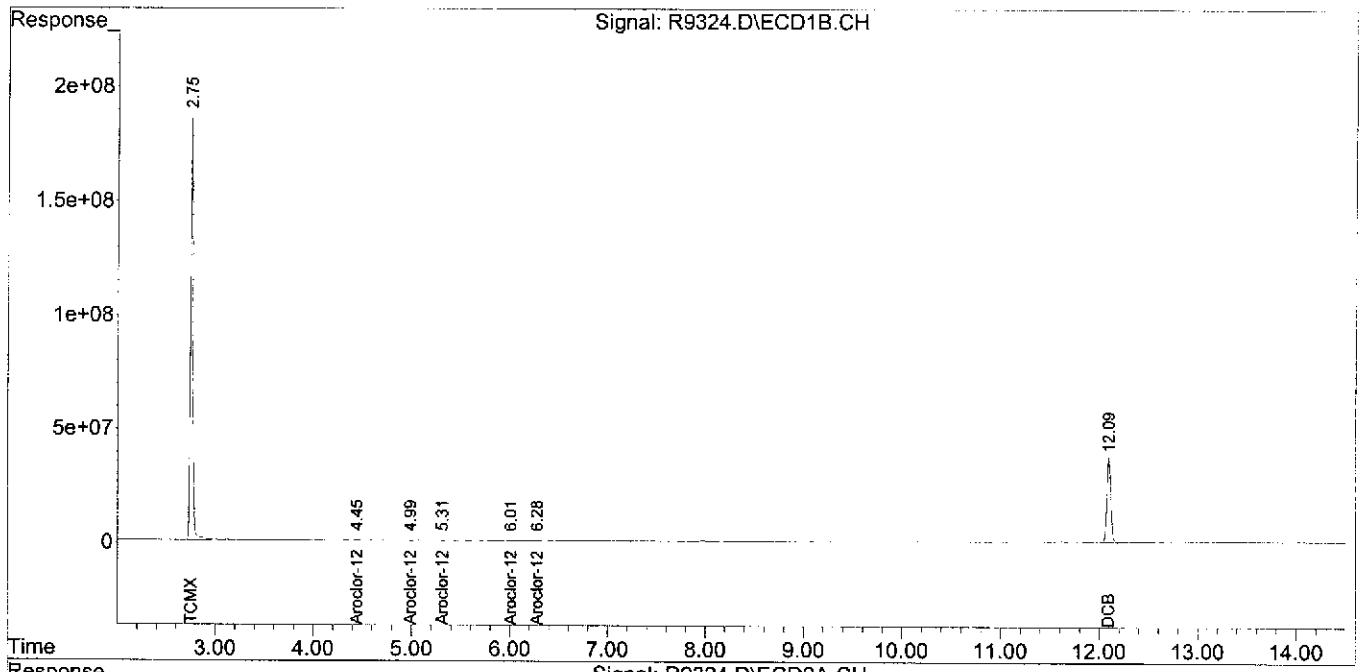
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

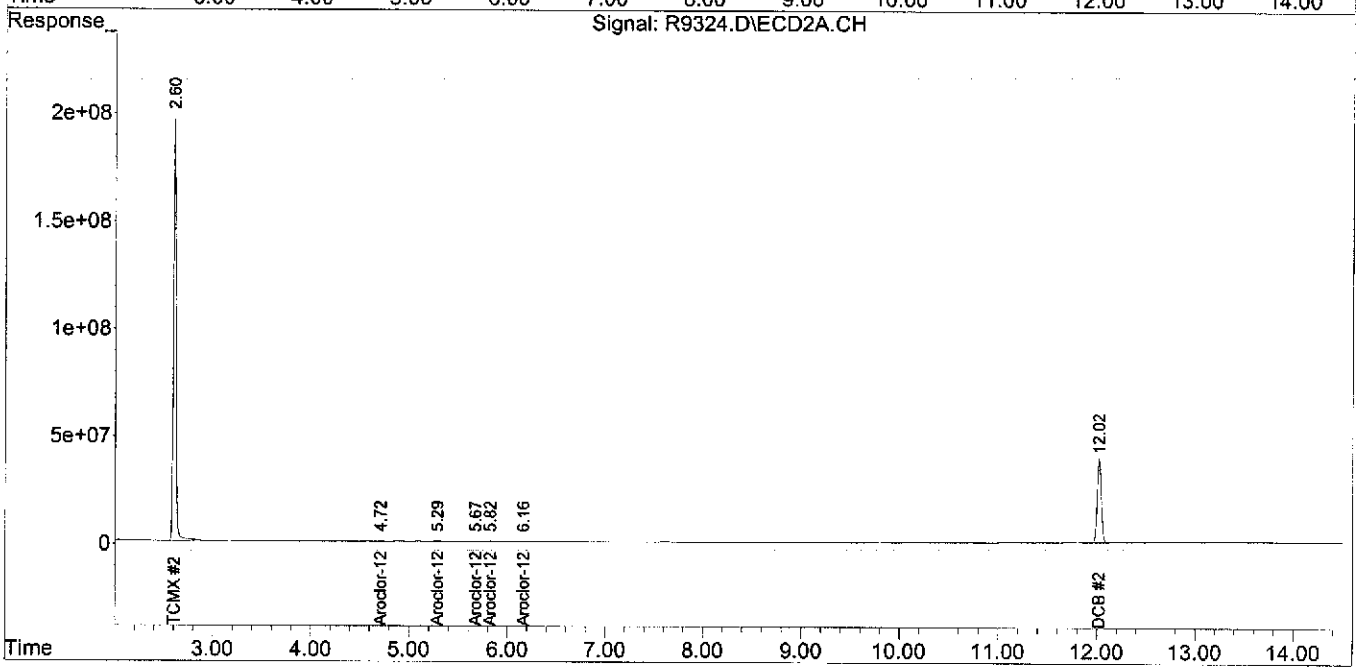
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9324.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 6:00
Operator : JS
Sample : P-19N(4.0-,03562-003,S,5.05g,75.8,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:20:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-29-13\
Data File : R9325.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 6:17
Operator : JS
Sample : P-19N(5.0-,03562-004,S,5.02g,21.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:22:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2609.1E6	2833.4E6	193.535	187.111
Spiked Amount 200.000			Recovery	=	96.77%	93.56%
2) S DCB	12.09	12.02	738.6E6	789.3E6	242.651	228.336
Spiked Amount 200.000			Recovery	=	121.33%	114.17%
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

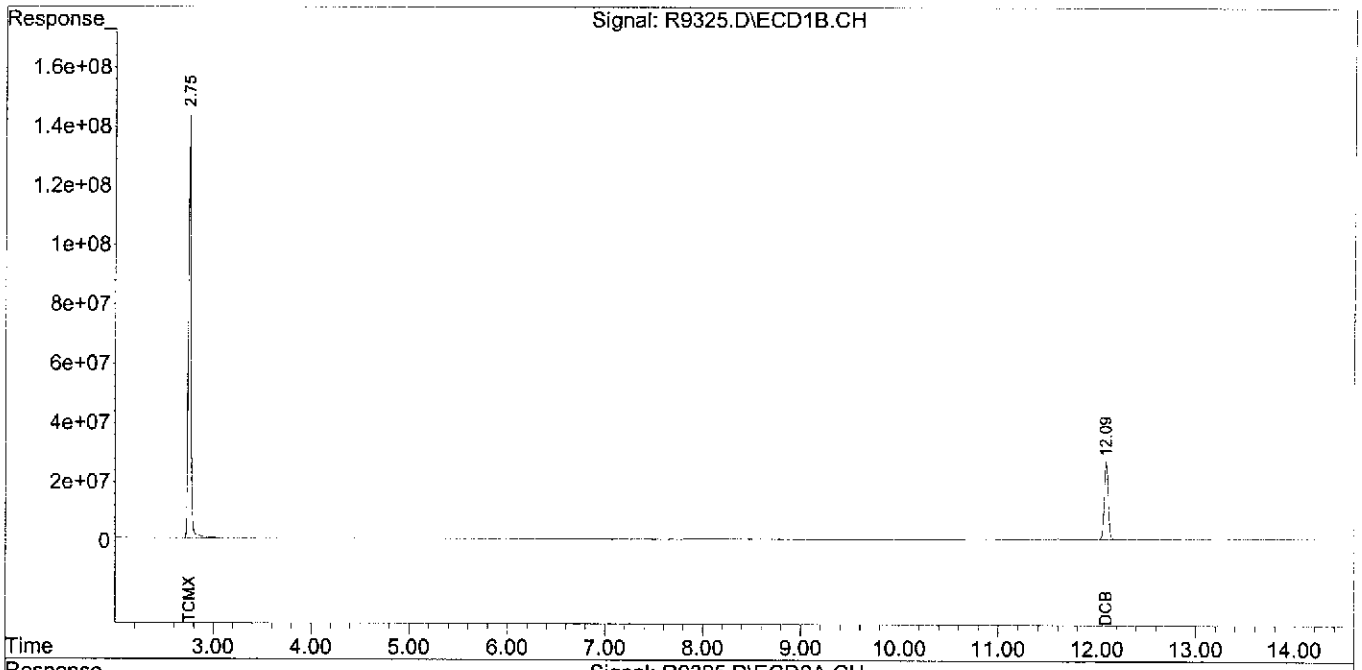
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

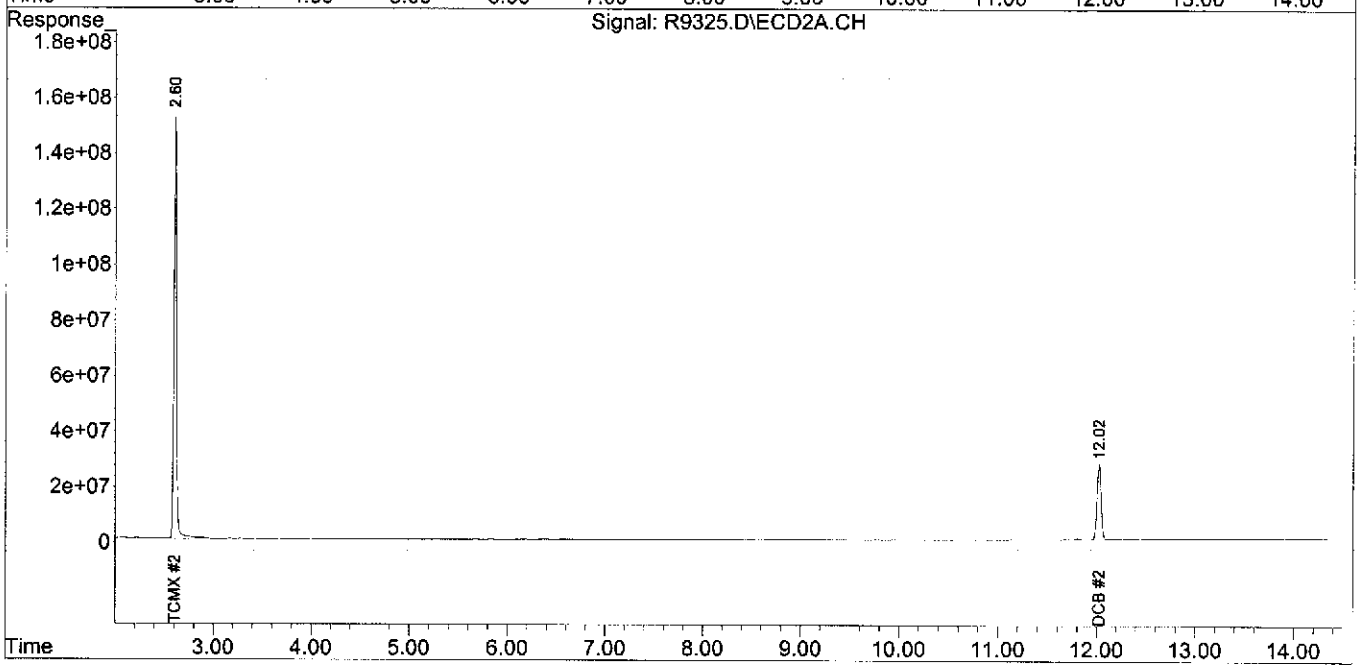
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9325.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 6:17
Operator : JS
Sample : P-19N(5.0-,03562-004,S,5.02g,21.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:22:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9346.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 16:50
Operator : JS
Sample : P-20S(0-2.,03562-005,S,5.16g,25.9,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:37:16 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2.62	268.2E6	296.5E6	19.897	19.583
Spiked Amount 200.000			Recovery	=	9.95%	9.79%
2) S DCB	12.10	12.03	73648052	85295760	24.197m	24.674m
Spiked Amount 200.000			Recovery	=	12.10%	12.34%
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
23) L6 Aroclor-1248	4.46	4.73	572.0E6	644.3E6	1232.715	1190.851
24) L6 Aroclor-1248 {2}	4.99	5.30	255.3E6	894.1E6	975.001	1129.274
25) L6 Aroclor-1248 {3}	5.31	5.69	347.0E6	619.6E6	1027.122	1086.736
26) L6 Aroclor-1248 {4}	6.01	5.84	695.3E6	498.8E6	1363.538	1043.620
27) L6 Aroclor-1248 {5}	6.28	6.18	548.3E6	295.9E6	1335.785	1045.380
Sum Aroclor-1248			2417.9E6	2952.7E6	5934.161	5495.860
Average Aroclor-1248					1186.832	1099.172
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

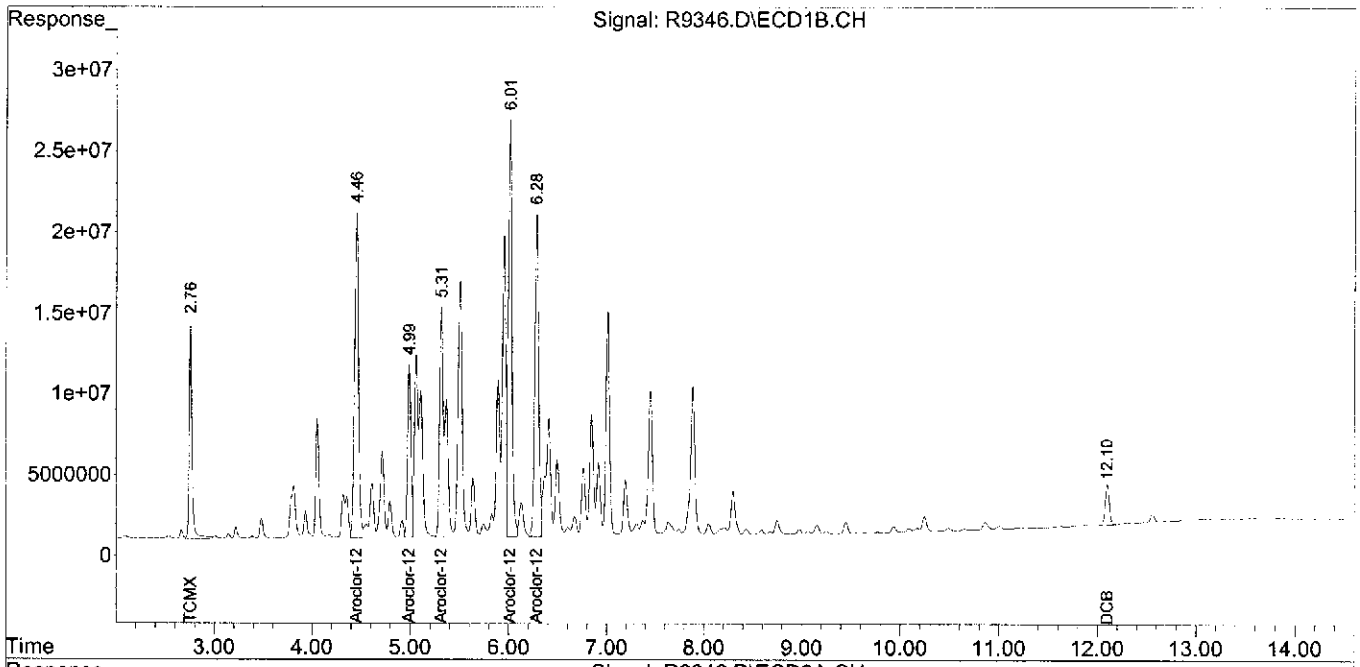
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

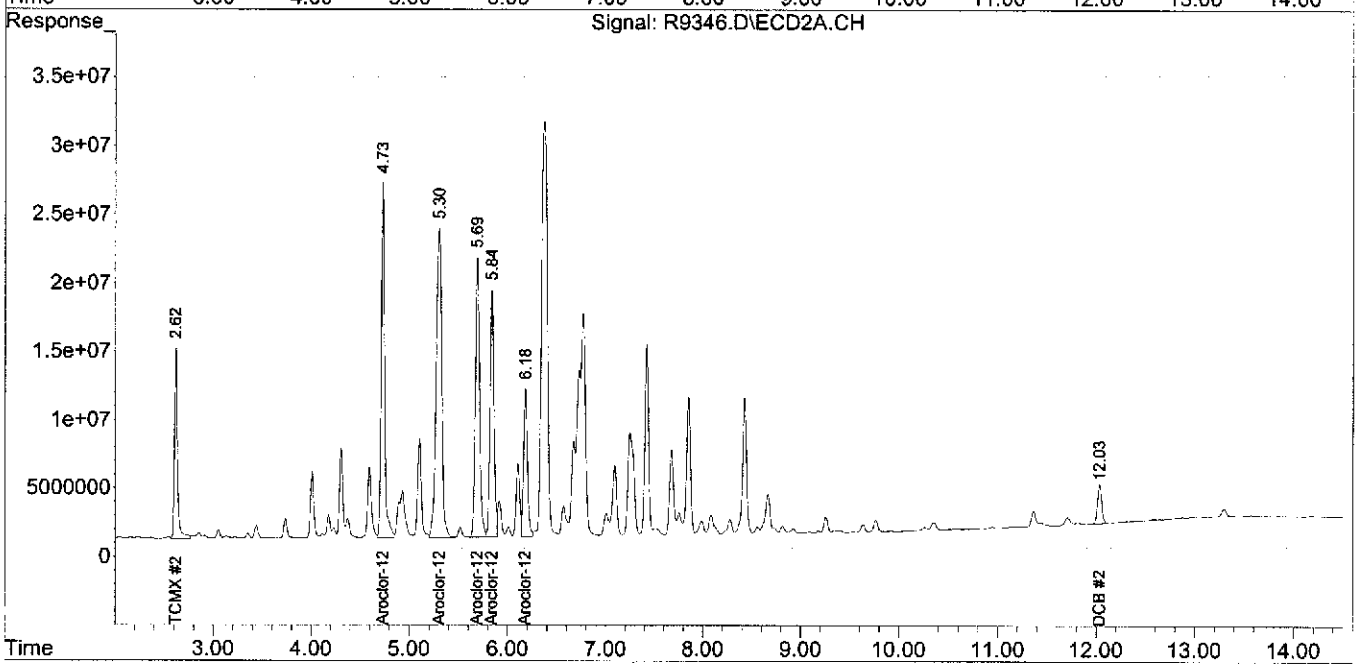
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9346.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 16:50
Operator : JS
Sample : P-20S(0-2.,03562-005,S,5.16g,25.9,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:37:16 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:07
Operator : JS
Sample : Q-12E(0-2.,03562-006,S,5.07g,17.7,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:37:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	124.1E6	130.1E6	9.207	8.593
Spiked Amount 200.000			Recovery	=	4.60%	4.30%
2) S DCB	12.10	12.03	35355709	41087554	11.616m	11.886m
Spiked Amount 200.000			Recovery	=	5.81%	5.94%
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	442.0E6	479.8E6	952.582	886.857
24) L6 Aroclor-1248 {2}	4.99	5.29	184.2E6	683.1E6	703.559	862.786
25) L6 Aroclor-1248 {3}	5.31	5.68	222.8E6	419.4E6	659.572	735.619
26) L6 Aroclor-1248 {4}	6.01	5.83	481.6E6	320.1E6	944.383	669.637 #
27) L6 Aroclor-1248 {5}	6.28	6.17	307.8E6	205.4E6	750.028	725.565
Sum Aroclor-1248			1638.5E6	2107.8E6	4010.124	3880.464
Average Aroclor-1248					802.025	776.093
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

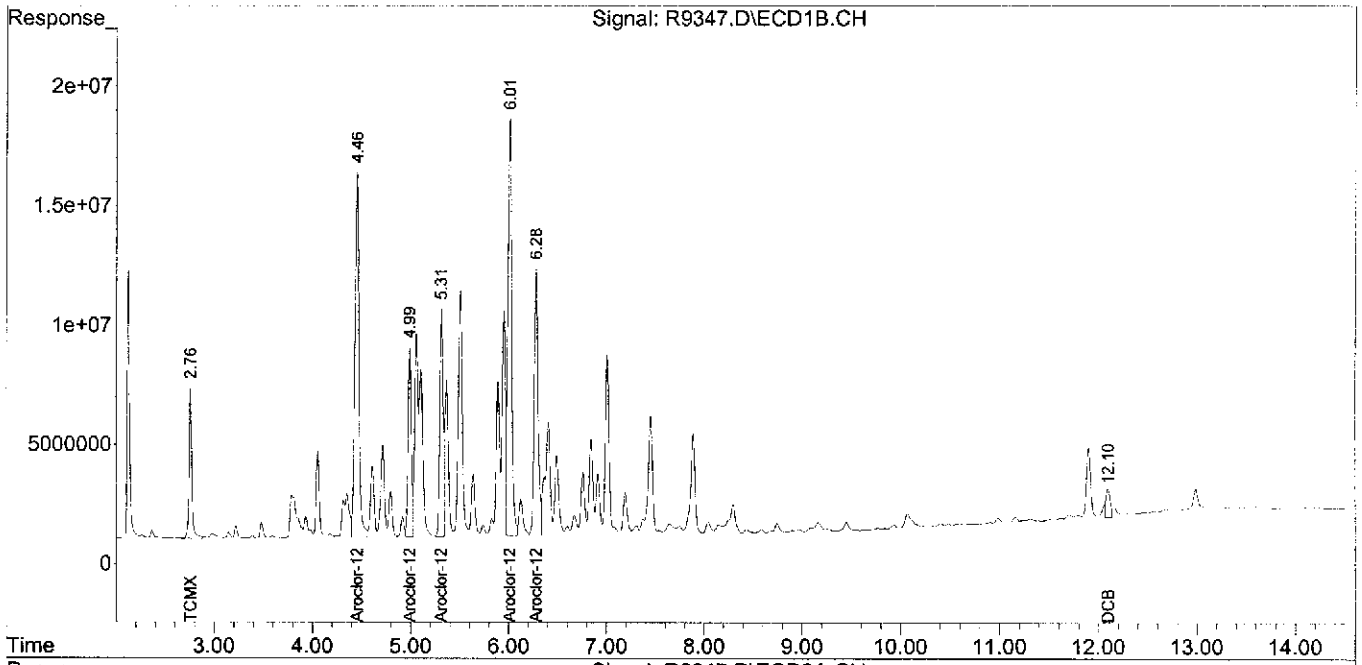
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

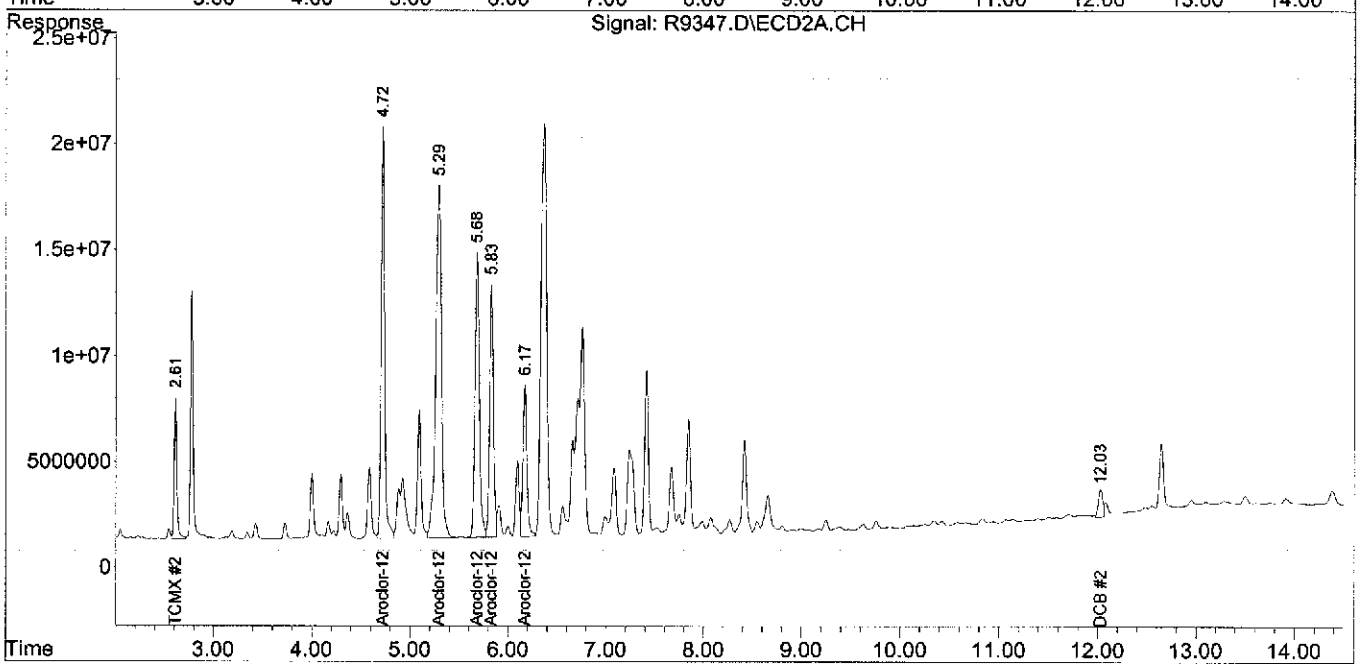
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:07
Operator : JS
Sample : Q-12E(0-2.,03562-006,S,5.07g,17.7,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:37:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-29-13\
Data File : R9328.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 9:07
Operator : JS
Sample : Q-12E(4.0-,03562-007,S,5.76g,11.6,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:23:55 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2308.5E6	2511.8E6	171.235	165.874
Spiked Amount 200.000			Recovery	=	85.62%	82.94%
2) S DCB	12.09	12.02	740.4E6	749.5E6	243.266	216.821
Spiked Amount 200.000			Recovery	=	121.63%	108.41%
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	4.45	4.72	41125079	44922024	88.629	83.029
24) L6 Aroclor-1248 {2}	4.99	5.29	17453782	54135569	66.658	68.374
25) L6 Aroclor-1248 {3}	5.31	0.00	21639912	0	64.053	N.D. d#
26) L6 Aroclor-1248 {4}	6.01	5.82	26724720	24454976	52.406	51.165
Sum Aroclor-1248			106.9E6	123.5E6	271.745	202.568
Average Aroclor-1248					67.936	67.523
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

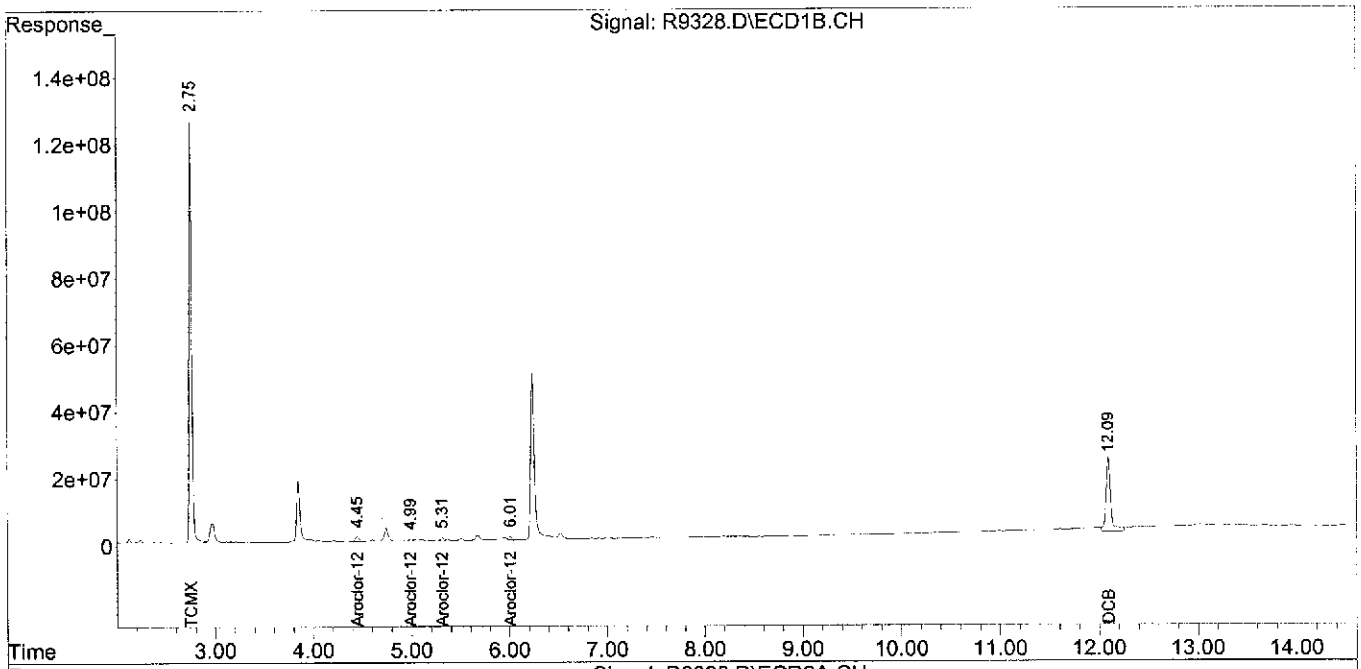
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

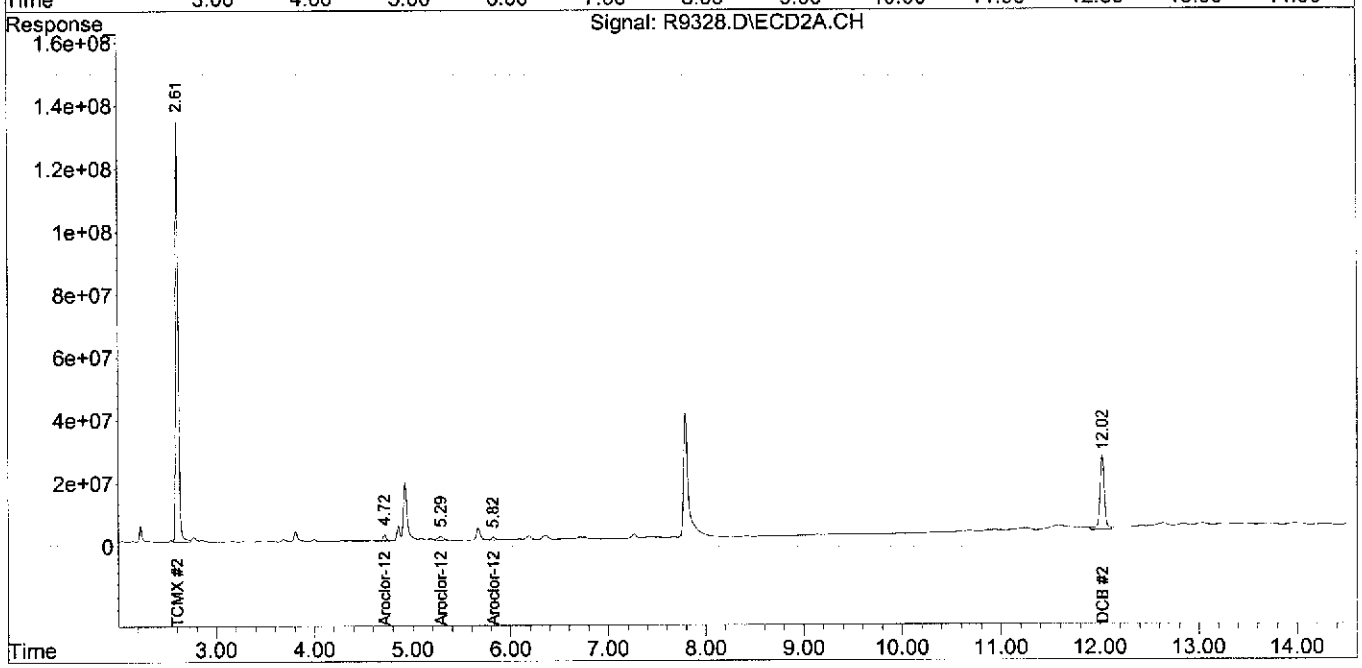
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9328.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 9:07
Operator : JS
Sample : Q-12E(4.0-,03562-007,S,5.76g,11.6,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:23:55 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9348.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:24
Operator : JS
Sample : Q-12S(0-2.,03562-008,S,5.10g,14.2,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,200
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:38:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	757.7E6	838.9E6	1632.866	1550.603
24) L6 Aroclor-1248 {2}	4.99	5.29	151.4E6	528.1E6	578.307	666.954
25) L6 Aroclor-1248 {3}	5.31	5.68	189.8E6	353.5E6	561.790	619.939
26) L6 Aroclor-1248 {4}	6.01	5.83	291.6E6	282.8E6	571.736	591.596
27) L6 Aroclor-1248 {5}	6.28	6.17	226.4E6	158.1E6	551.563	558.495
Sum Aroclor-1248			1616.8E6	2161.3E6	3896.262	3987.586
Average Aroclor-1248					779.252	797.517
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

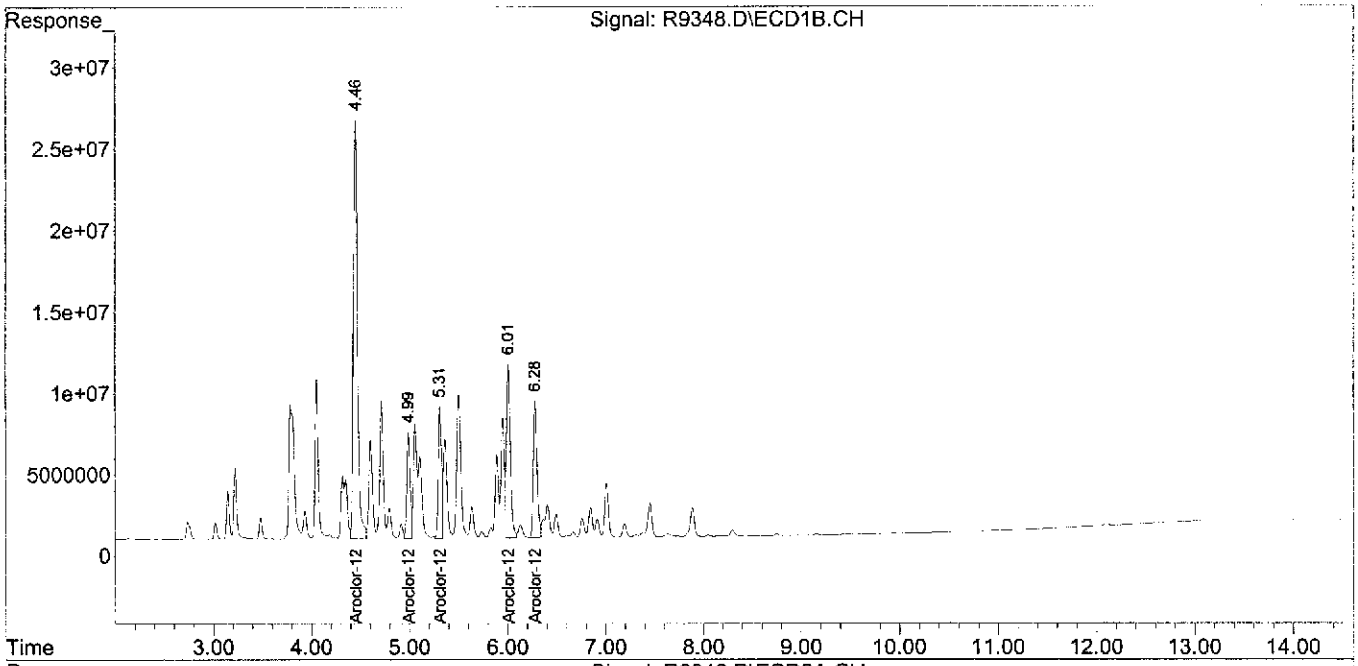
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

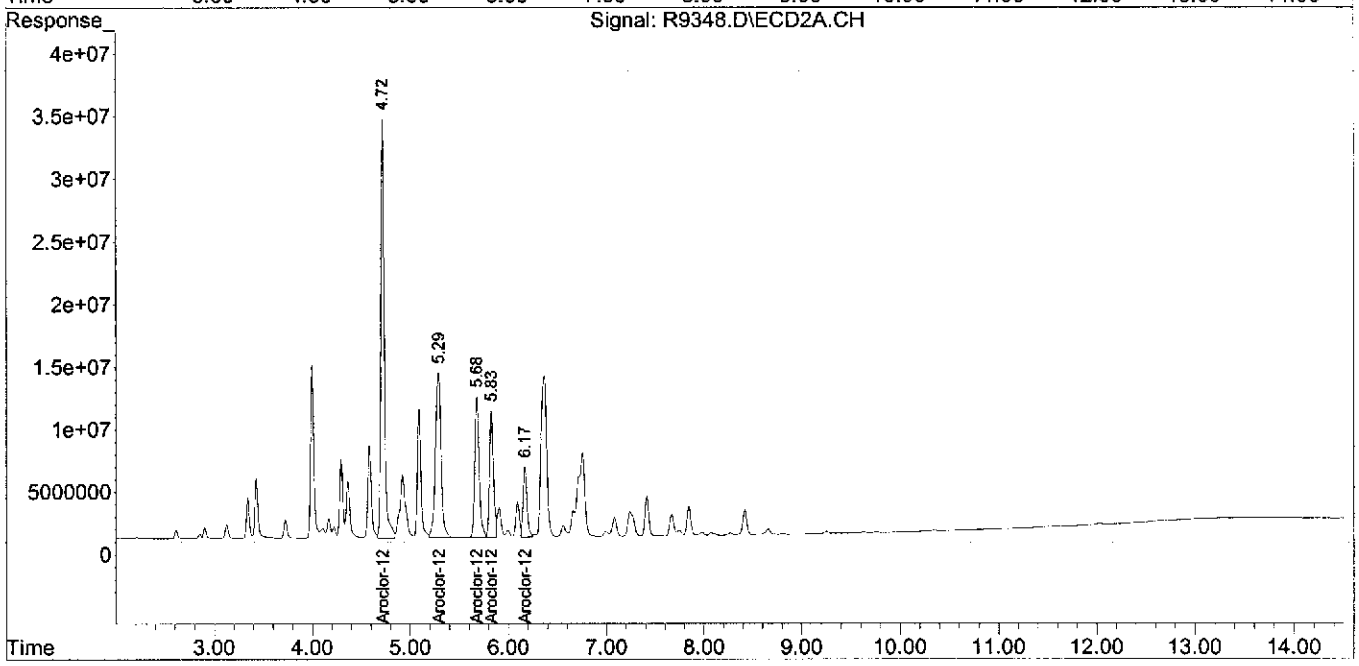
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9348.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:24
Operator : JS
Sample : Q-12S(0-2.,03562-008,S,5.10g,14.2,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,200
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:38:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9349.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:42
Operator : JS
Sample : Q-12S(2.0-,03562-009,S,5.54g,13.9,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:42:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2284.6E6	2559.4E6	169.460	169.016
Spiked Amount 200.000			Recovery	=	84.73%	84.51%
2) S DCB	12.10	12.03	651.7E6	731.1E6	214.130	211.500
Spiked Amount 200.000			Recovery	=	107.06%	105.75%
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	4.45	4.72	33611930	41721370	72.437	77.113
24) L6 Aroclor-1248 {2}	4.99	5.29	9854847	38631386	37.637	48.792 #
25) L6 Aroclor-1248 {3}	5.31	5.67	12197656	37485731	36.104	65.748 #
26) L6 Aroclor-1248 {4}	6.01	5.83	19210879	21672069	37.672	45.343
27) L6 Aroclor-1248 {5}	0.00	6.17	0	12974046	N.D. d	45.834m#
Sum Aroclor-1248			74875311	152.5E6	183.850	282.830
Average Aroclor-1248					45.962	56.566
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

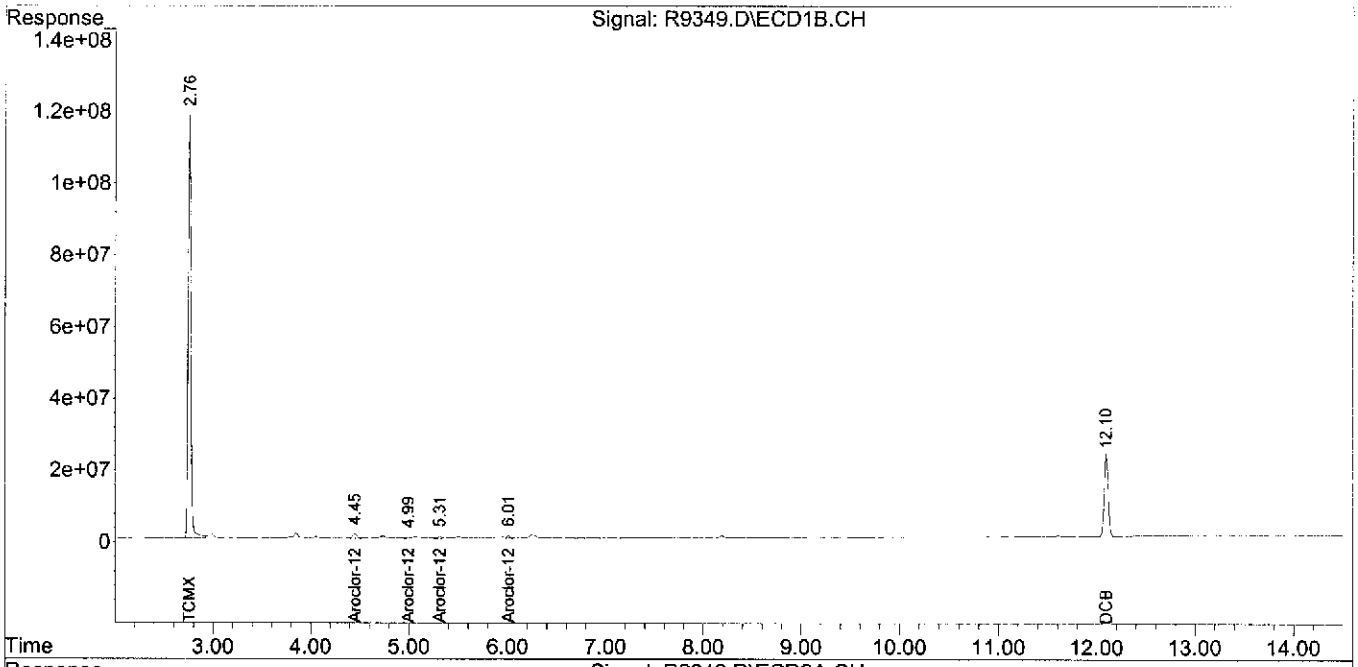
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

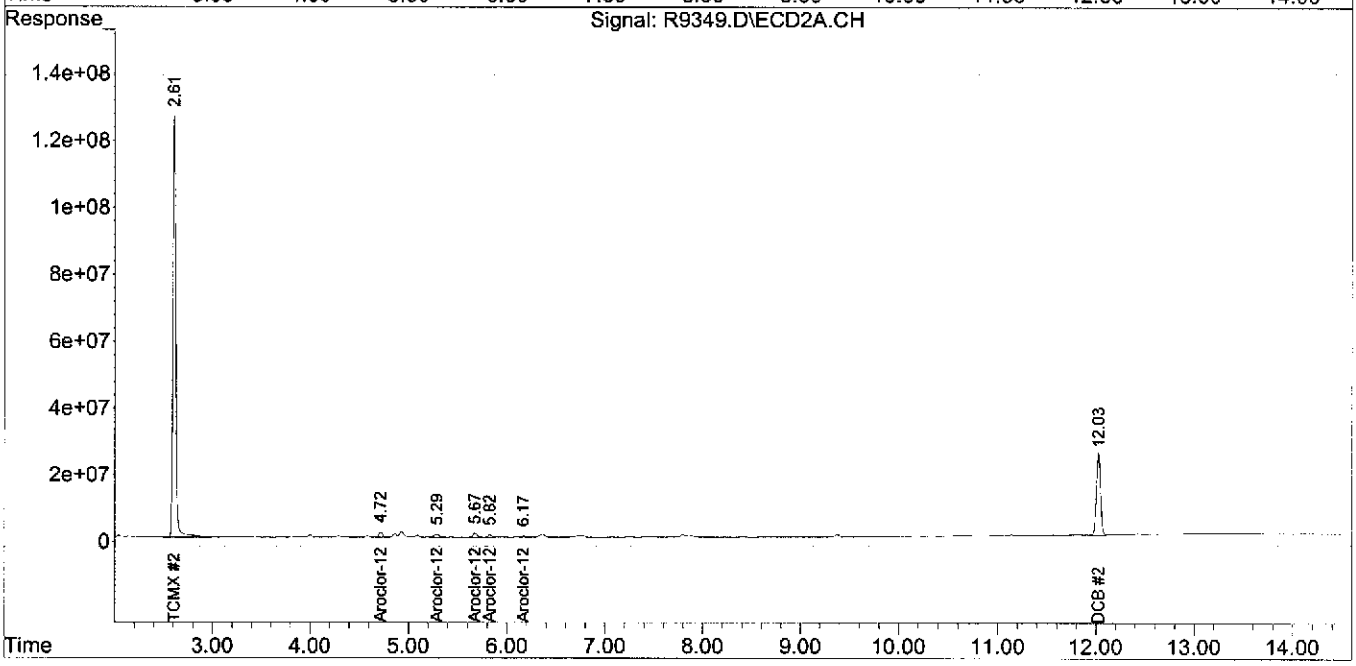
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9349.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 17:42
Operator : JS
Sample : Q-12S(2.0-,03562-009,S,5.54g,13.9,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:42:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9404.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 11:26
Operator : JS
Sample : Q-12S(4.0-,03562-010,S,5.06g,34.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,50
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:56:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	58907075	64822549	4.369	4.281
Spiked Amount 200.000			Recovery =		2.18%	2.14%
2) S DCB	12.10	12.03	17308629	18779891	5.687m	5.433m
Spiked Amount 200.000			Recovery =		2.84%	2.72%
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	145.0E6	164.9E6	312.569	304.844
24) L6 Aroclor-1248 {2}	4.99	5.29	157.5E6	569.4E6	601.329	719.135
25) L6 Aroclor-1248 {3}	5.31	5.68	224.5E6	413.1E6	664.505	724.492
26) L6 Aroclor-1248 {4}	6.01	5.83	516.8E6	454.5E6	1013.498	950.821
27) L6 Aroclor-1248 {5}	6.28	6.17	466.8E6	248.8E6	1137.442	878.801
Sum Aroclor-1248			1510.7E6	1850.6E6	3729.343	3578.093
Average Aroclor-1248					745.869	715.619
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

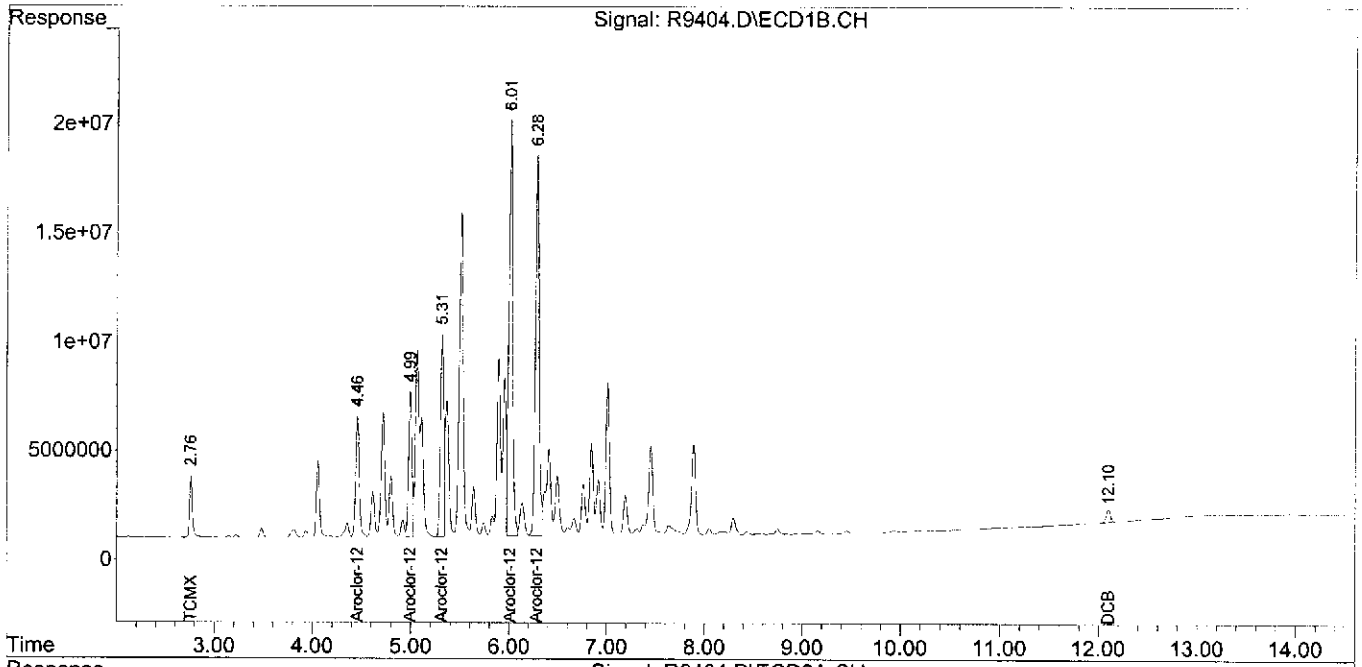
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

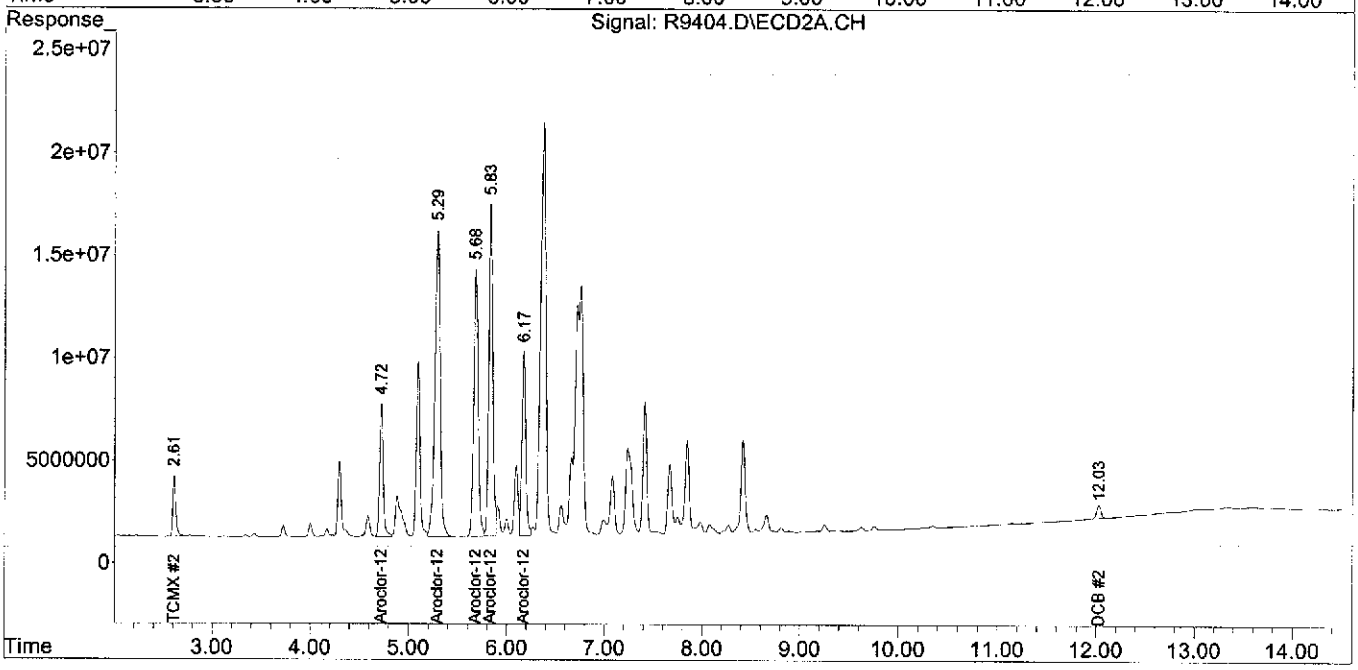
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9404.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 11:26
Operator : JS
Sample : Q-12S(4.0-,03562-010,S,5.06g,34.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,50
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:56:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 18:17
Operator : JS
Sample : Q-12W(0-2.,03562-011,S,5.53g,15.5,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:42:53 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	117.6E6	130.4E6	8.725	8.610
Spiked Amount 200.000			Recovery	=	4.36%	4.30%
2) S DCB	12.10	12.02	35056391	37486254	11.518m	10.844m
Spiked Amount 200.000			Recovery	=	5.76%	5.42%
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	561.5E6	617.8E6	1210.135	1141.946
24) L6 Aroclor-1248 {2}	4.99	5.29	107.9E6	415.8E6	411.899	525.144 #
25) L6 Aroclor-1248 {3}	5.31	5.68	105.2E6	206.6E6	311.261	362.382
26) L6 Aroclor-1248 {4}	6.01	5.83	206.7E6	203.3E6	405.422	425.283
27) L6 Aroclor-1248 {5}	6.28	6.17	173.7E6	104.0E6	423.309	367.493
Sum Aroclor-1248			1155.0E6	1547.5E6	2762.025	2822.248
Average Aroclor-1248					552.405	564.450
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

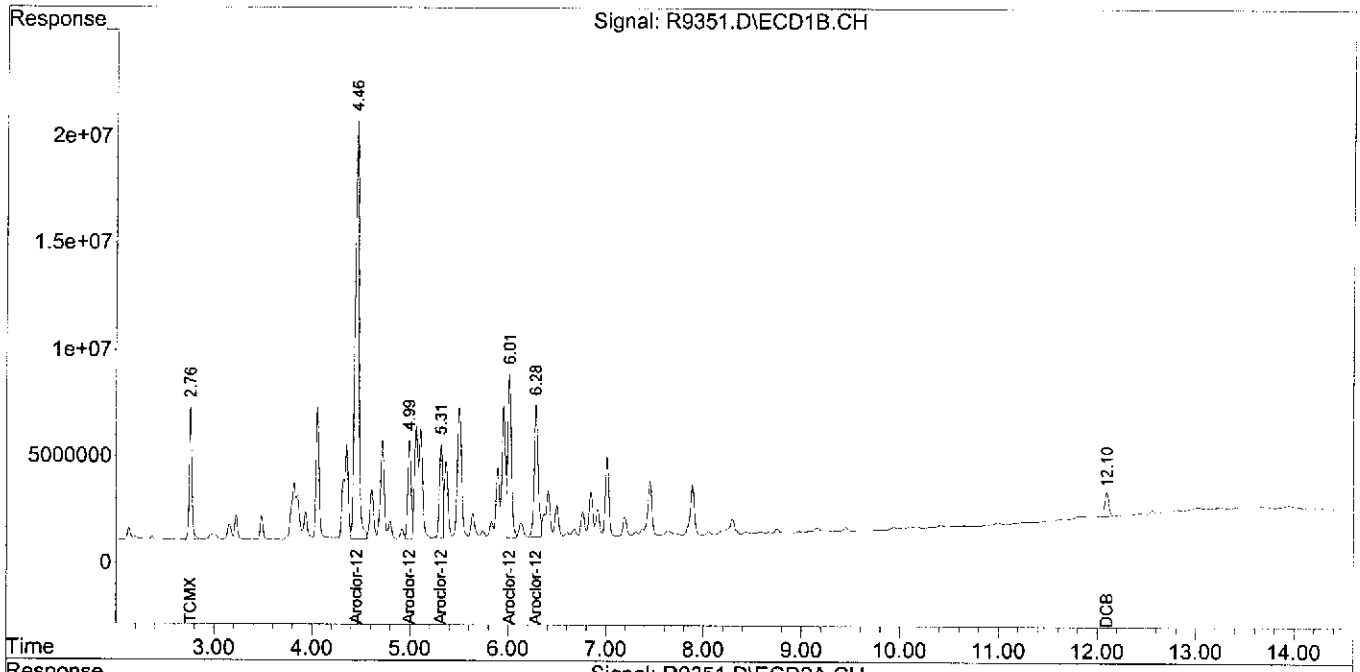
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

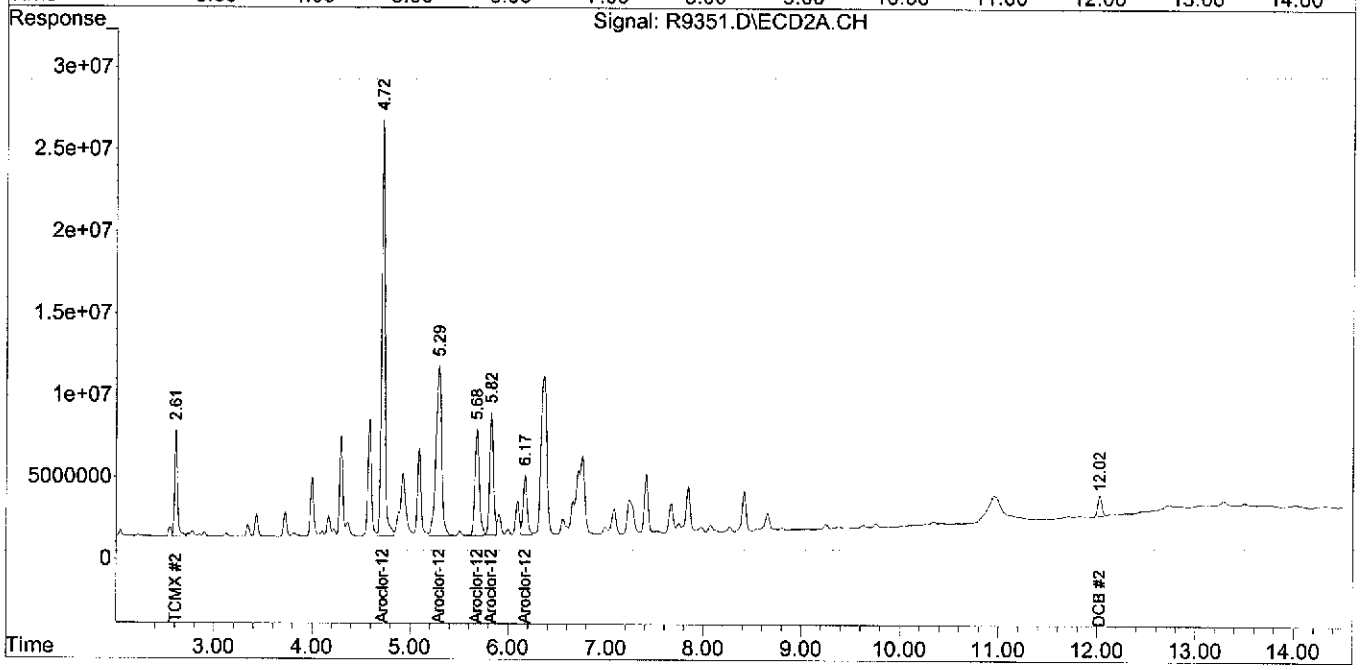
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 18:17
Operator : JS
Sample : Q-12W(0-2.,03562-011,S,5.53g,15.5,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:42:53 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9352.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 18:34
Operator : JS
Sample : Q-12W(2.0-,03562-012,S,5.86g,11.0,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:47:03 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	124.9E6	125.9E6	9.264	8.315
Spiked Amount 200.000			Recovery	=	4.63%	4.16%
2) S DCB	12.10	12.03	34144715	38037998	11.218m	11.004m
Spiked Amount 200.000			Recovery	=	5.61%	5.50%
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	4.45	4.72	219.4E6	245.3E6	472.775	453.296
24) L6 Aroclor-1248 {2}	4.99	5.29	45726668	180.9E6	174.635	228.418 #
25) L6 Aroclor-1248 {3}	5.31	5.68	47619650	97478011	140.951	170.972
26) L6 Aroclor-1248 {4}	6.01	5.83	81231629	86760668	159.292	181.523
27) L6 Aroclor-1248 {5}	6.28	6.17	76216891	47199194	185.698	166.744
Sum Aroclor-1248			470.2E6	657.5E6	1133.351	1200.953
Average Aroclor-1248					226.670	240.191
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

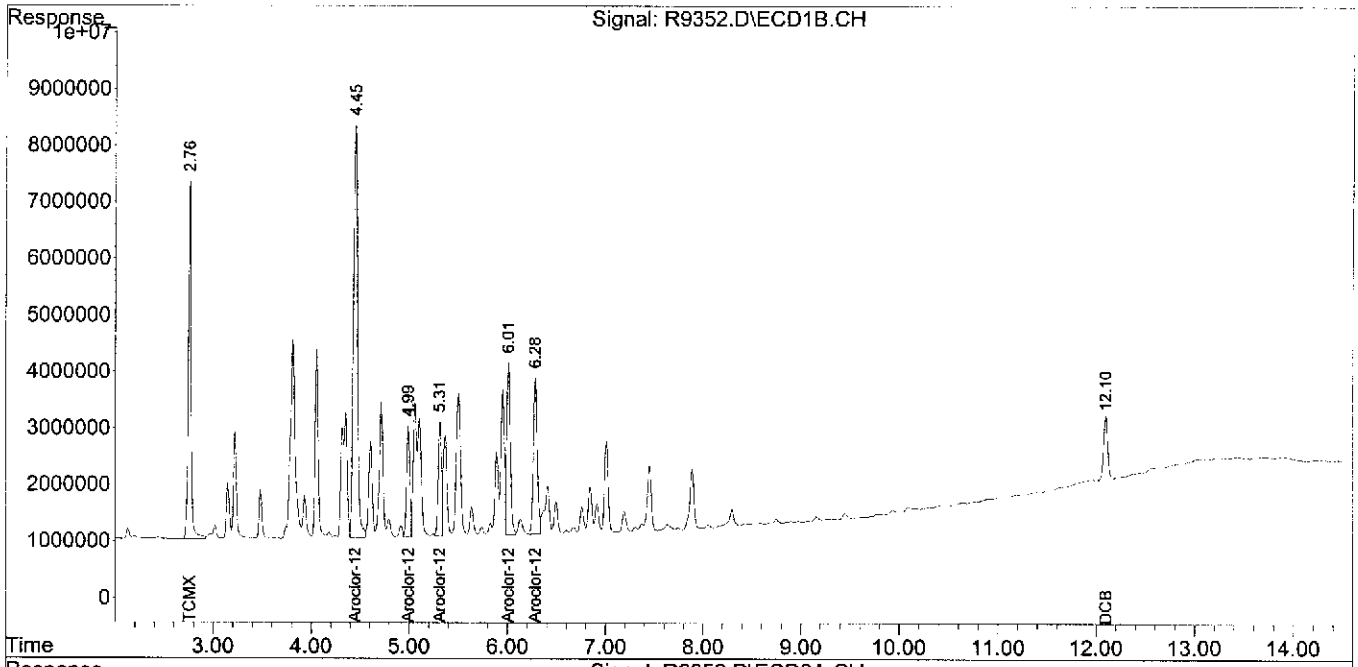
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

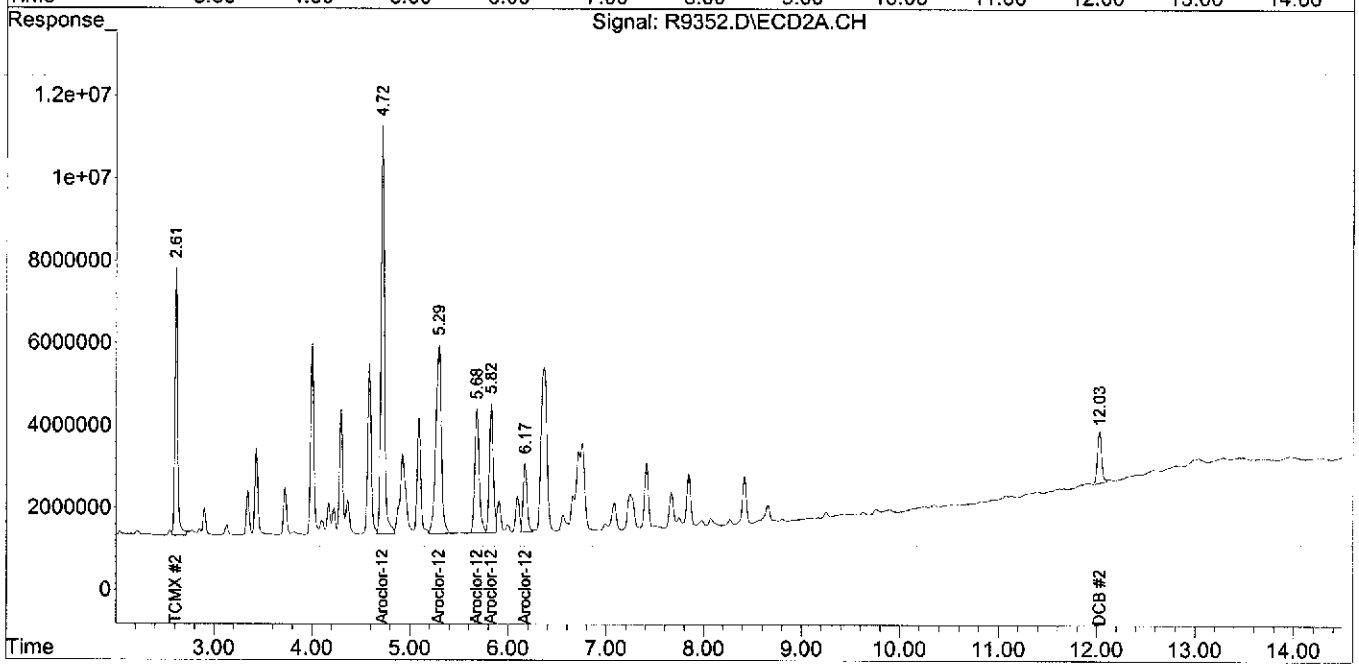
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9352.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 18:34
Operator : JS
Sample : Q-12W(2.0-,03562-012,S,5.86g,11.0,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:47:03 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9405.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 11:43
Operator : JS
Sample : Q-12W(4.0-,03562-013,S,5.83g,34.8,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:00:19 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	627.2E6	653.7E6	46.524	43.169	
Spiked Amount 200.000			Recovery	=	23.26%	21.58%	
2) S DCB	12.10	12.03	169.6E6	187.3E6	55.737m	54.181m	
Spiked Amount 200.000			Recovery	=	27.87%	27.09%	
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	4.45	4.72	442.4E6	483.1E6	953.520	892.972	
24) L6 Aroclor-1248 {2}	4.99	5.29	83400554	340.4E6	318.516	429.908	#
25) L6 Aroclor-1248 {3}	5.32	5.68	79265432	163.8E6	234.620	287.306	
26) L6 Aroclor-1248 {4}	6.01	5.83	120.3E6	144.7E6	235.925	302.811	#
27) L6 Aroclor-1248 {5}	6.28	6.17	115.9E6	69311691	282.400m	244.862	
Sum Aroclor-1248			841.3E6	1201.4E6	2024.981	2157.859	
Average Aroclor-1248					404.996	431.572	
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	

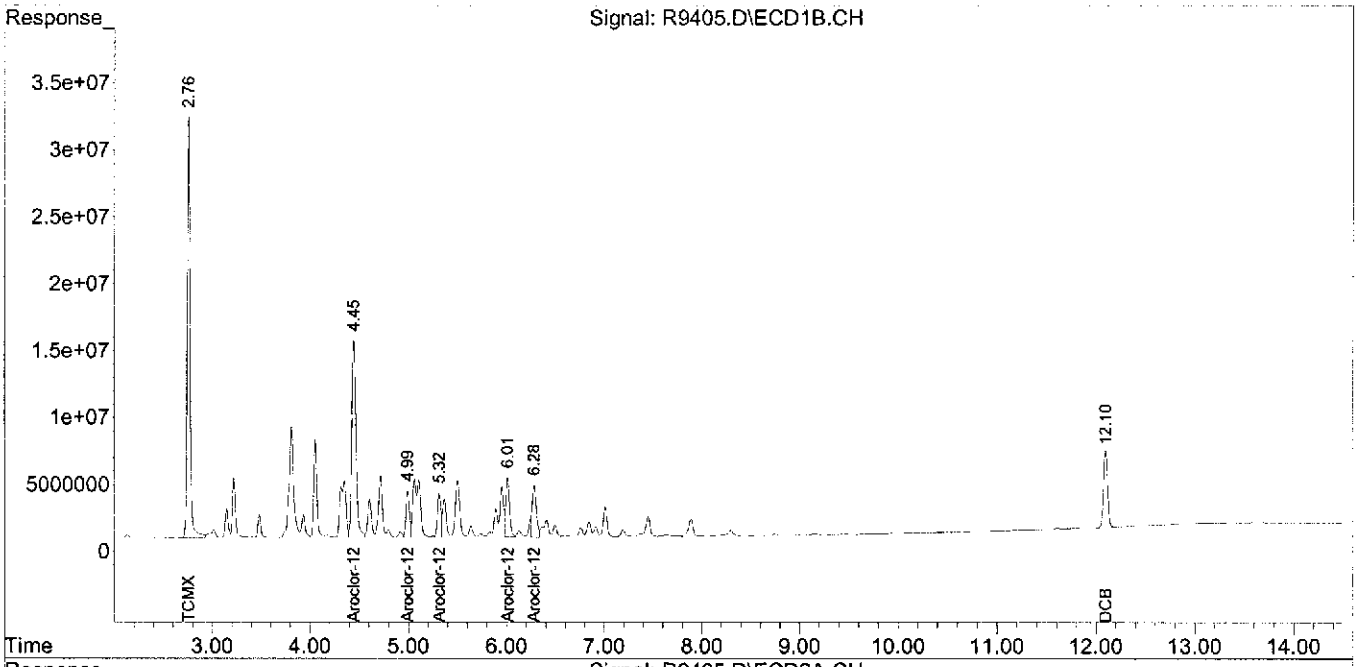
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

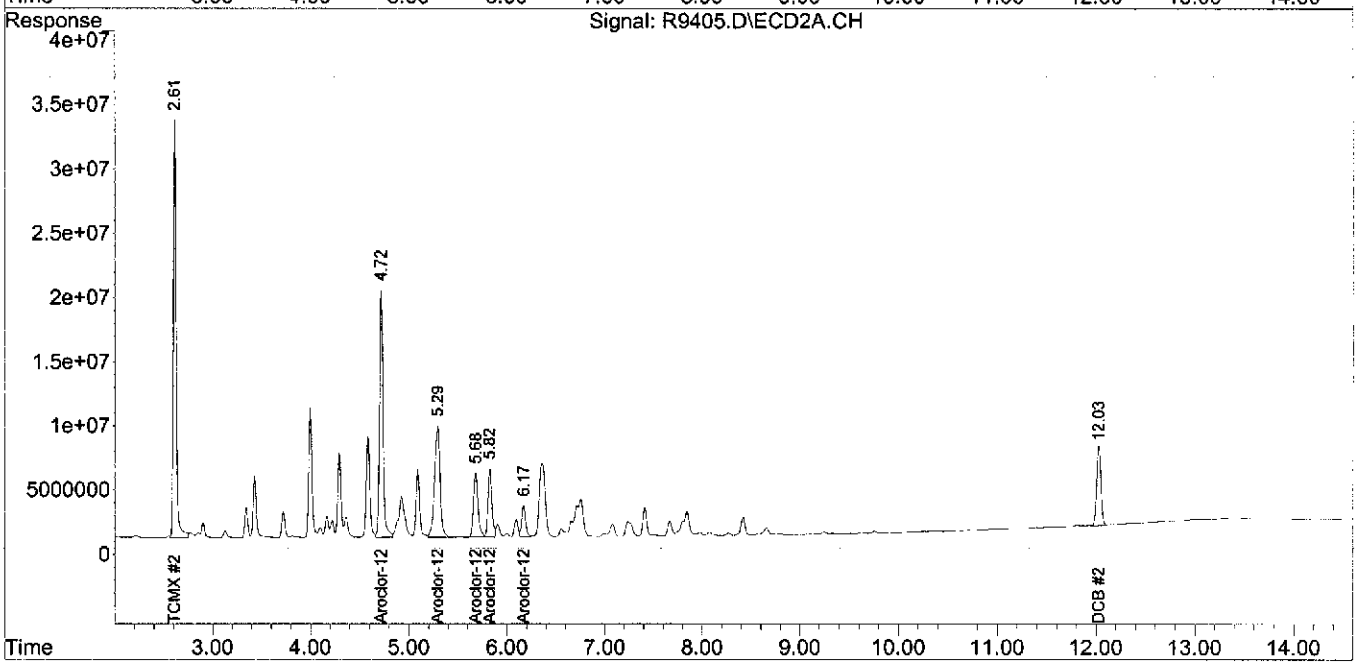
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9405.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 11:43
Operator : JS
Sample : Q-12W(4.0-,03562-013,S,5.83g,34.8,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:00:19 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 19:09
Operator : JS
Sample : Q-12N(0-2.,03562-014,S,5.27g,28.5,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:49:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	123.1E6	134.7E6	9.130	8.896
Spiked Amount 200.000			Recovery	=	4.57%	4.45%
2) S DCB	12.10	12.03	34431523	36247071	11.312m	10.485m
Spiked Amount 200.000			Recovery	=	5.66%	5.24%
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	39111081	47014838	84.288	86.897
24) L6 Aroclor-1248 {2}	4.99	5.29	35065699	119.7E6	133.920	151.207
25) L6 Aroclor-1248 {3}	5.31	5.68	34953970	67565988	103.461	118.508
26) L6 Aroclor-1248 {4}	6.01	5.83	55334845	40942998	108.510	85.662
27) L6 Aroclor-1248 {5}	6.28	6.17	27239322	15622622	66.367	55.191
Sum Aroclor-1248			191.7E6	290.9E6	496.546	497.464
Average Aroclor-1248					99.309	99.493
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

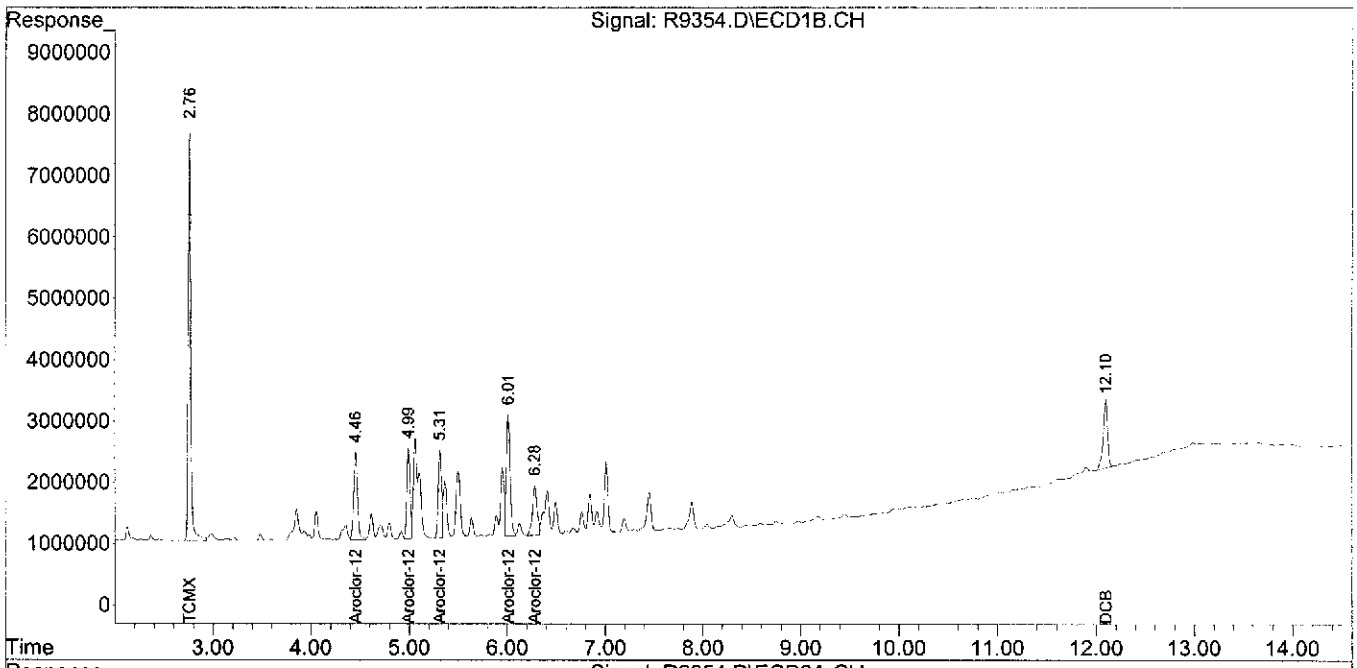
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

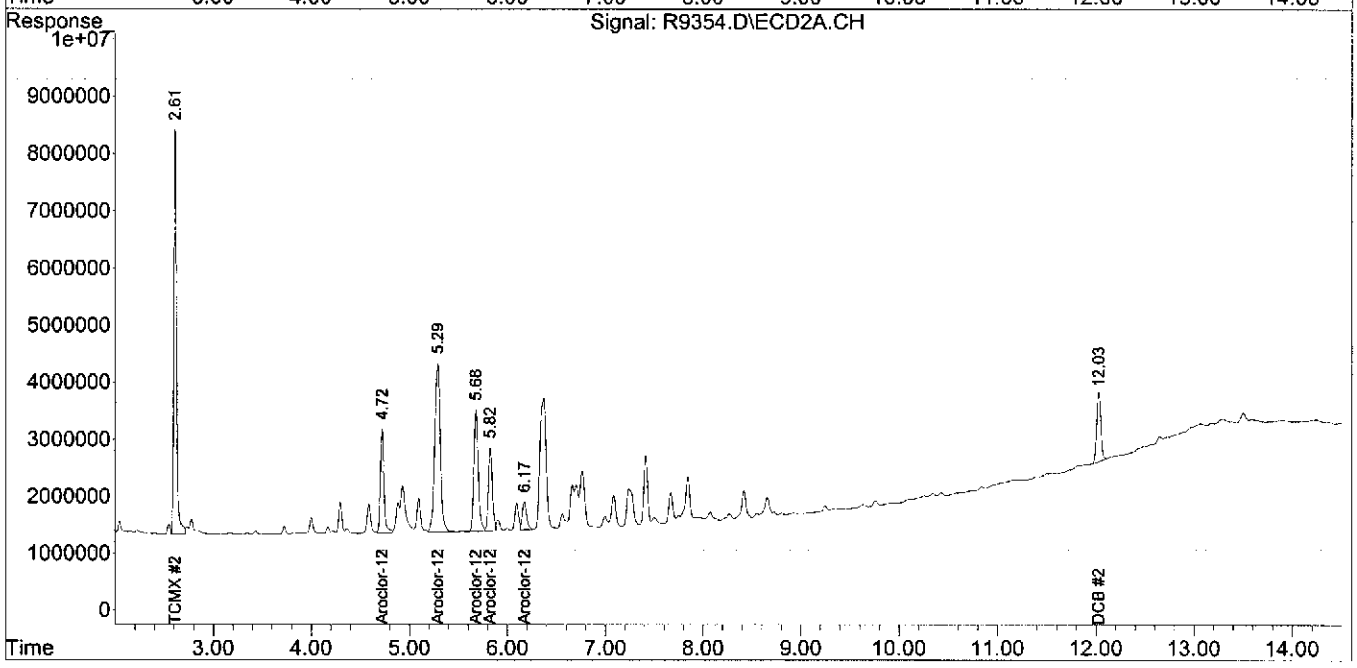
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 19:09
Operator : JS
Sample : Q-12N(0-2.,03562-014,S,5.27g,28.5,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:49:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9406.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:01
Operator : JS
Sample : Q-12N(2.0-,03562-015,S,5.95g,30.3,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,2
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:01:10 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	1318.9E6	1490.4E6	97.833	98.421
Spiked Amount 200.000			Recovery	=	48.92%	49.21%
2) S DCB	12.10	12.02	390.3E6	419.9E6	128.237	121.477
Spiked Amount 200.000			Recovery	=	64.12%	60.74%
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
23) L6 Aroclor-1248	4.45	4.72	550.8E6	606.8E6	1186.955	1121.608
24) L6 Aroclor-1248 {2}	4.99	5.29	121.9E6	441.4E6	465.544	557.472
25) L6 Aroclor-1248 {3}	5.32	5.68	137.7E6	253.2E6	407.464	444.063
26) L6 Aroclor-1248 {4}	6.01	5.83	191.3E6	181.8E6	375.065	380.283
27) L6 Aroclor-1248 {5}	6.28	6.17	160.9E6	100.8E6	392.065m	355.967
Sum Aroclor-1248			1162.5E6	1583.9E6	2827.093	2859.394
Average Aroclor-1248					565.419	571.879
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

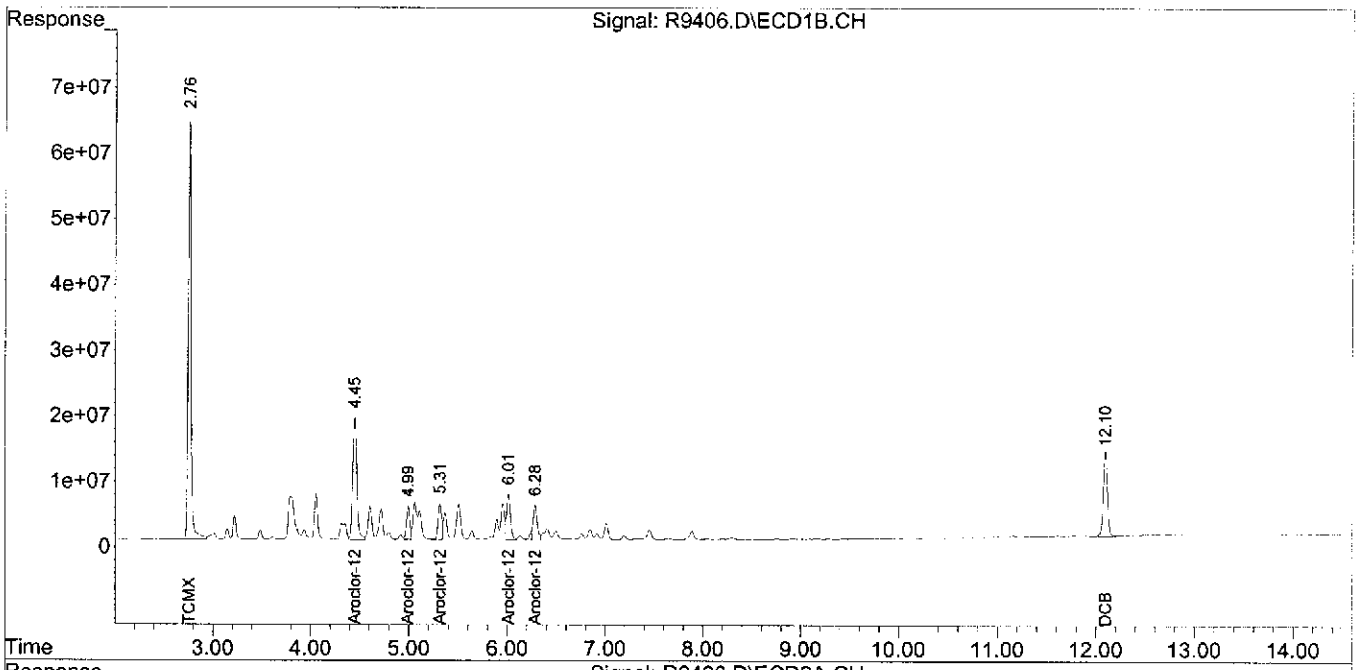
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

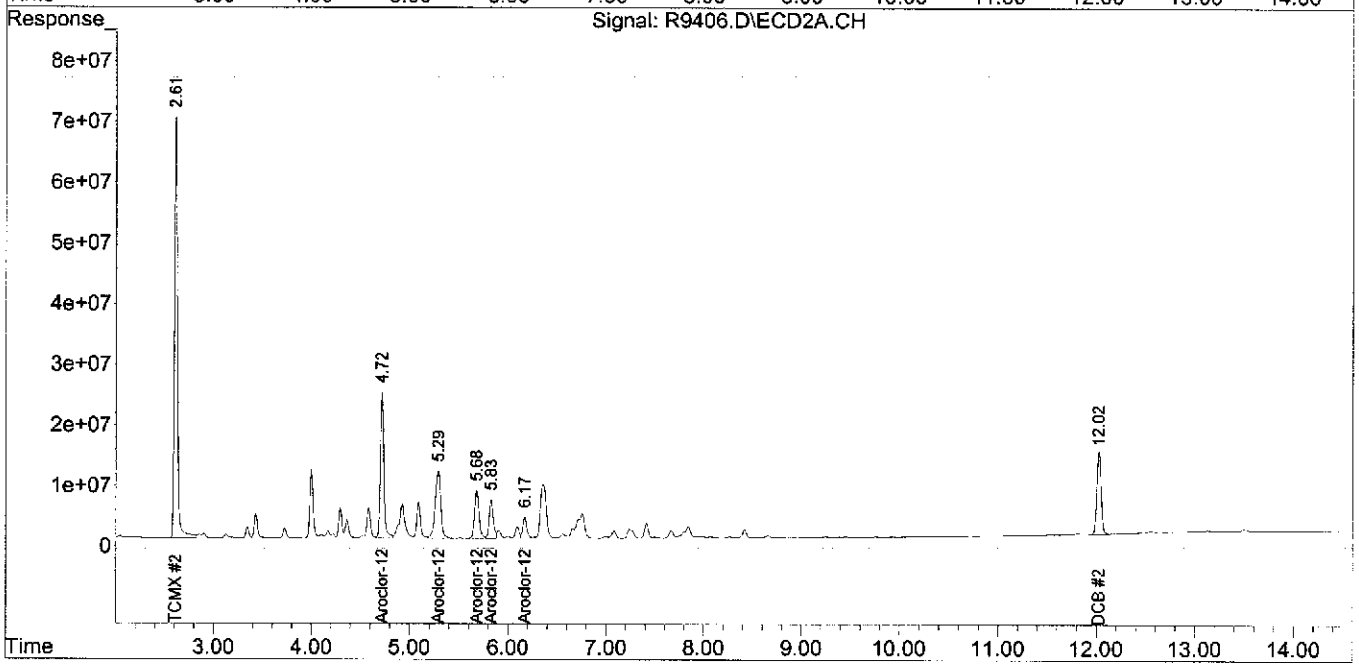
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9406.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:01
Operator : JS
Sample : Q-12N(2.0-,03562-015,S,5.95g,30.3,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,2
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:01:10 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9412.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 14:04
Operator : JS
Sample : Q-12N(4.0-,03562-016,S,5.44g,20.0,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,4000
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:09:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	432.3E6	482.0E6	931.648	890.787
24) L6 Aroclor-1248 {2}	4.99	5.29	74071235	256.2E6	282.887	323.561
25) L6 Aroclor-1248 {3}	5.32	5.68	86235602	162.0E6	255.251	284.087
26) L6 Aroclor-1248 {4}	6.01	5.83	132.0E6	125.4E6	258.930	262.282
27) L6 Aroclor-1248 {5}	6.29	6.17	105.6E6	77466869	257.179	273.672
Sum Aroclor-1248			830.2E6	1102.9E6	1985.895	2034.389
Average Aroclor-1248					397.179	406.878
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

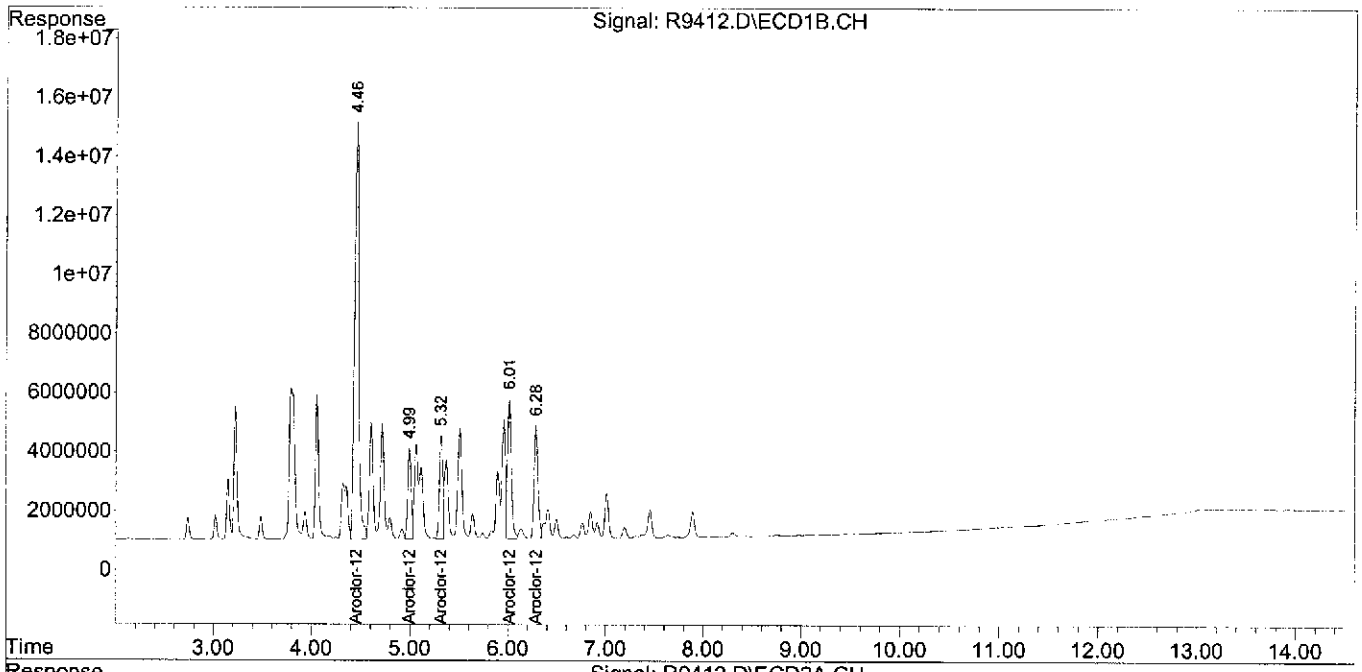
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

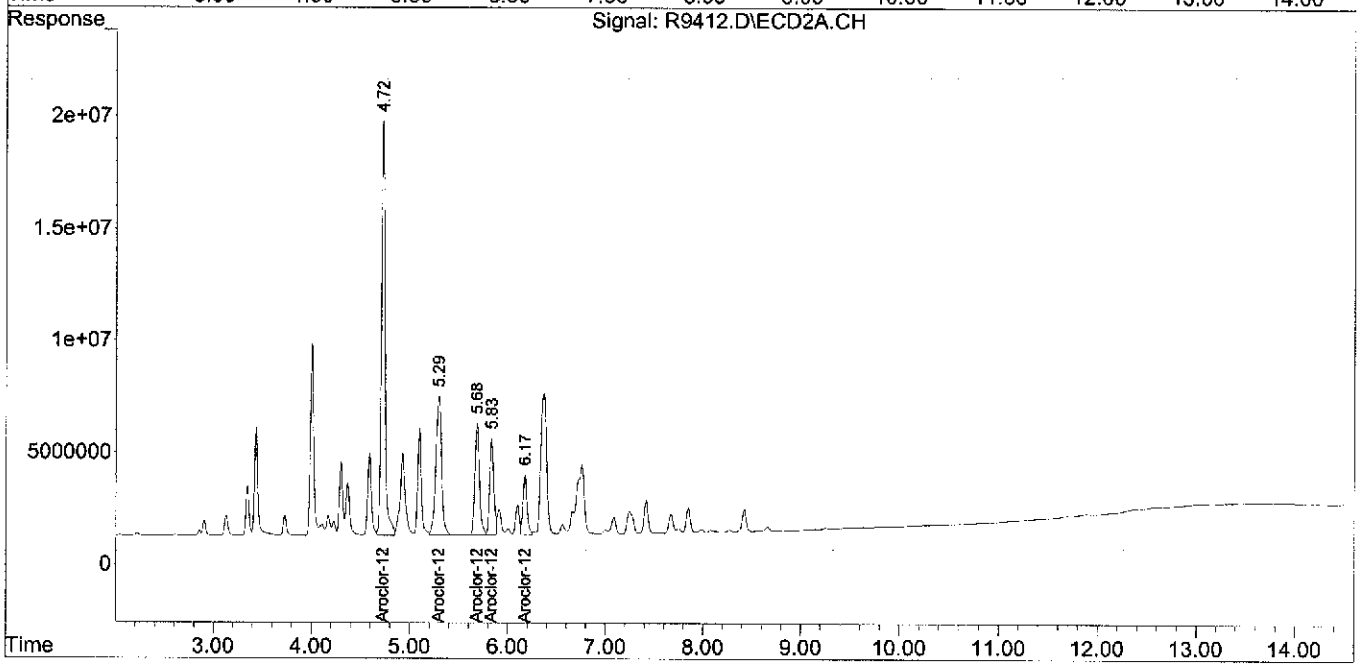
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9412.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 14:04
Operator : JS
Sample : Q-12N(4.0-,03562-016,S,5.44g,20.0,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,4000
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:09:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9357.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 20:01
Operator : JS
Sample : X-14W(0-2.,03562-017,S,5.35g,9.60,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:50:42 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2394.1E6	2586.0E6	177.583	170.772
Spiked Amount 200.000			Recovery	=	88.79%	85.39%
2) S DCB	12.10	12.02	669.4E6	726.2E6	219.939	210.084
Spiked Amount 200.000			Recovery	=	109.97%	105.04%
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
23) L6 Aroclor-1248	4.46	4.72	140.4E6	163.4E6	302.511	302.043
24) L6 Aroclor-1248 {2}	4.99	5.29	72435727	239.3E6	276.640	302.200
25) L6 Aroclor-1248 {3}	5.32	5.68	97727537	174.2E6	289.266	305.537
26) L6 Aroclor-1248 {4}	6.01	5.83	218.7E6	100.6E6	428.842	210.497 #
27) L6 Aroclor-1248 {5}	6.28	6.17	152.3E6	71958441	371.141	254.212 #
Sum Aroclor-1248			681.6E6	749.5E6	1668.401	1374.489
Average Aroclor-1248					333.680	274.898
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

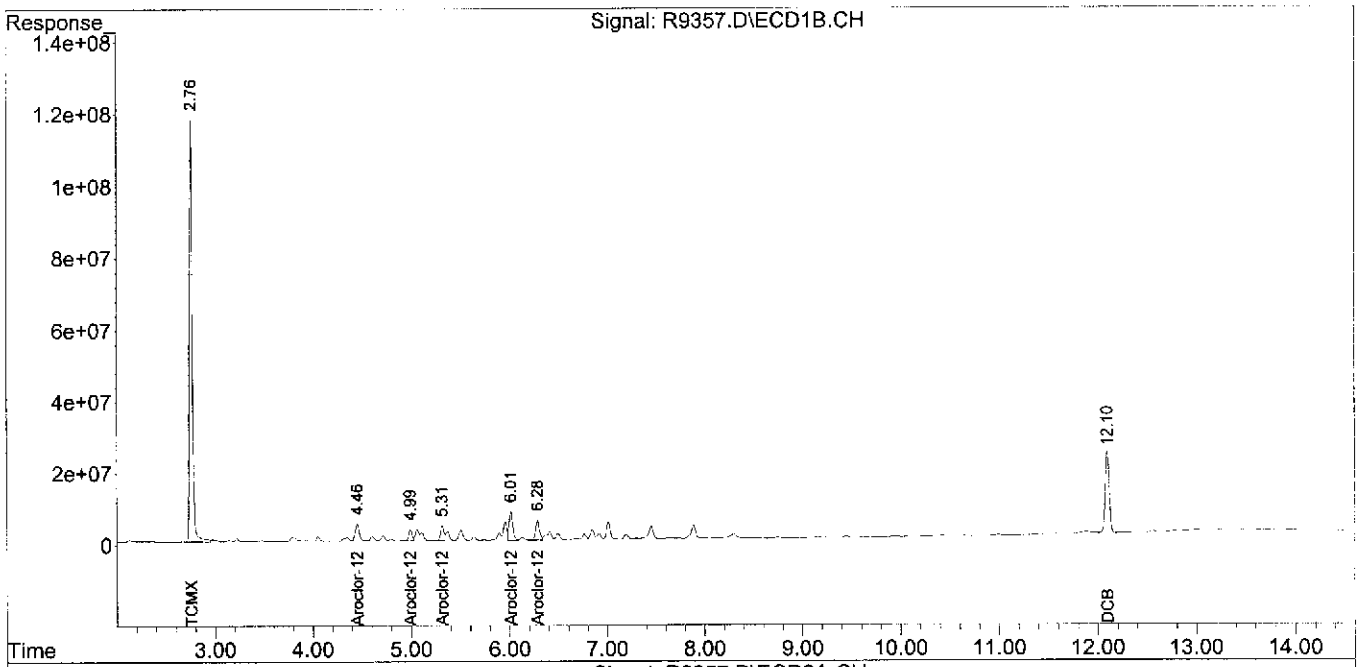
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

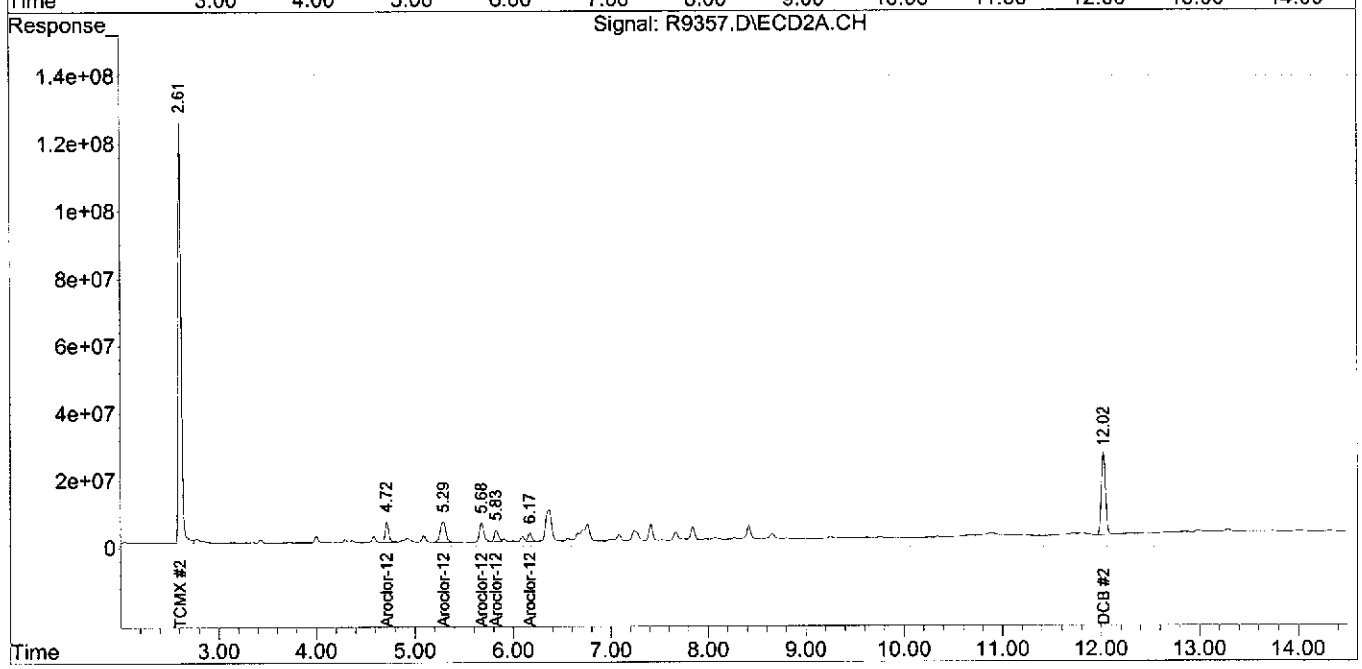
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9357.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 20:01
Operator : JS
Sample : X-14W(0-2.,03562-017,S,5.35g,9.60,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:50:42 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-30-13\
Data File : R9358.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 20:19
Operator : JS
Sample : X-14S(0-2.,03562-018,S,5.50g,15.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:53:24 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	127.4E6	130.7E6	9.450	8.634
Spiked Amount 200.000			Recovery	=	4.72%	4.32%
2) S DCB	12.10	12.02	34807216	39366216	11.436m	11.388m
Spiked Amount 200.000			Recovery	=	5.72%	5.69%
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	29983384	38513357	64.617	71.184
24) L6 Aroclor-1248 {2}	4.99	5.29	21933921	73153738	83.768	92.394
25) L6 Aroclor-1248 {3}	5.32	5.68	29817953	49696073	88.259	87.165
26) L6 Aroclor-1248 {4}	6.01	5.83	70496848	31884414	138.242	66.709 #
27) L6 Aroclor-1248 {5}	6.28	6.17	42591299	22584286	103.771	79.785
Sum Aroclor-1248			194.8E6	215.8E6	478.657	397.236
Average Aroclor-1248					95.731	79.447
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

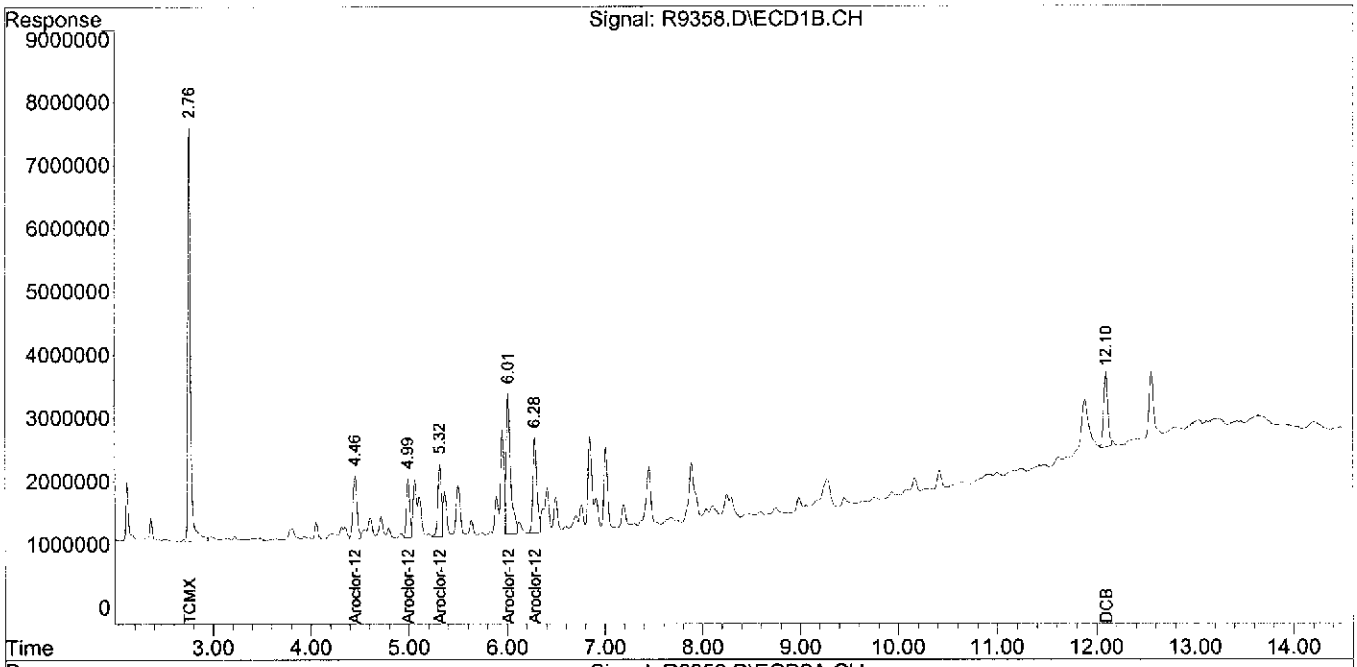
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

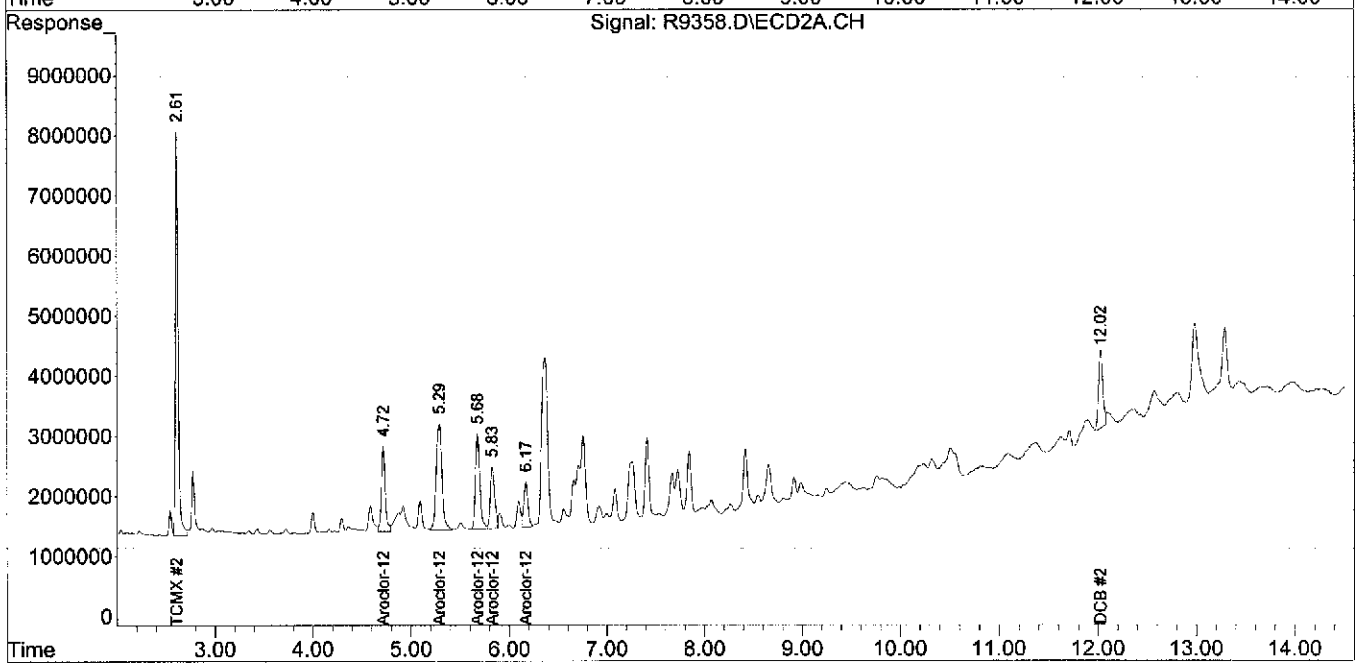
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-30-13\
Data File : R9358.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 20:19
Operator : JS
Sample : X-14S(0-2.,03562-018,S,5.50g,15.1,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:53:24 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:36
Operator : JS
Sample : X-14E(0-2.,03562-019,S,5.07g,14.4,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,50
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:04:40 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	49307643	53831527	3.657	3.555
Spiked Amount 200.000			Recovery	=	1.83%	1.78%
2) S DCB	12.10	12.02	15258292	16517947	5.013m	4.778m
Spiked Amount 200.000			Recovery	=	2.51%	2.39%
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	526.7E6	570.9E6	1135.003	1055.102
24) L6 Aroclor-1248 {2}	4.99	5.29	202.4E6	601.6E6	773.056	759.800
25) L6 Aroclor-1248 {3}	5.31	5.68	297.7E6	475.8E6	881.094	834.485
26) L6 Aroclor-1248 {4}	6.01	5.83	475.5E6	383.3E6	932.403	801.919
27) L6 Aroclor-1248 {5}	6.28	6.17	370.2E6	206.9E6	901.940	731.022
Sum Aroclor-1248			1872.4E6	2238.4E6	4623.497	4182.328
Average Aroclor-1248					924.699	836.466
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

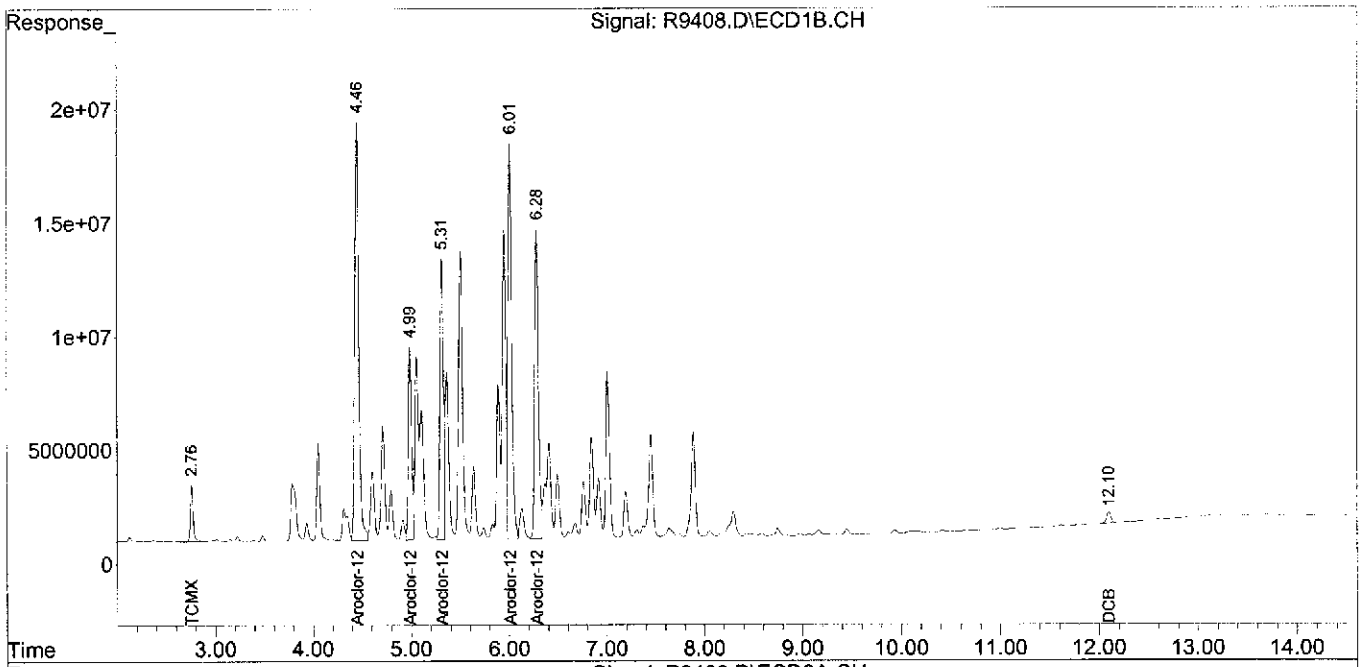
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

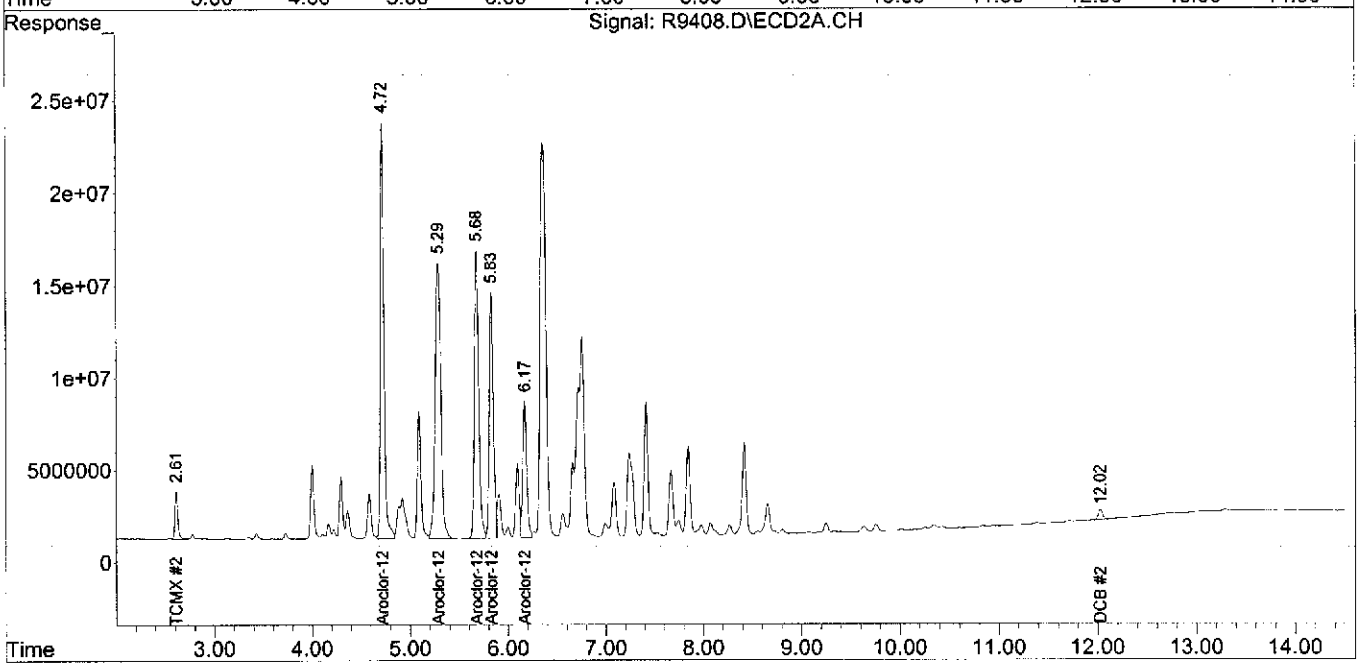
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:36
Operator : JS
Sample : X-14E(0-2.,03562-019,S,5.07g,14.4,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,50
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 16:04:40 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\05-01-13\
Data File : R9409.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:53
Operator : JS
Sample : X-15N(0-2.,03562-020,S,5.01g,9.10,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:21:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	511.4E6	545.3E6	37.933	36.014
Spiked Amount 200.000			Recovery	=	18.97%	18.01%
2) S DCB	12.09	12.03	174.8E6	205.9E6	57.436m	59.553m
Spiked Amount 200.000			Recovery	=	28.72%	29.78%
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	277.5E6	294.3E6	597.971	543.939
24) L6 Aroclor-1248 {2}	4.99	5.29	153.7E6	504.0E6	586.963	636.607
25) L6 Aroclor-1248 {3}	5.31	5.68	246.2E6	390.2E6	728.724	684.354
26) L6 Aroclor-1248 {4}	6.01	5.83	414.1E6	272.4E6	811.996	569.919 #
27) L6 Aroclor-1248 {5}	6.28	6.17	340.9E6	158.5E6	830.644	560.050 #
Sum Aroclor-1248			1432.4E6	1619.4E6	3556.299	2994.870
Average Aroclor-1248					711.260	598.974
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

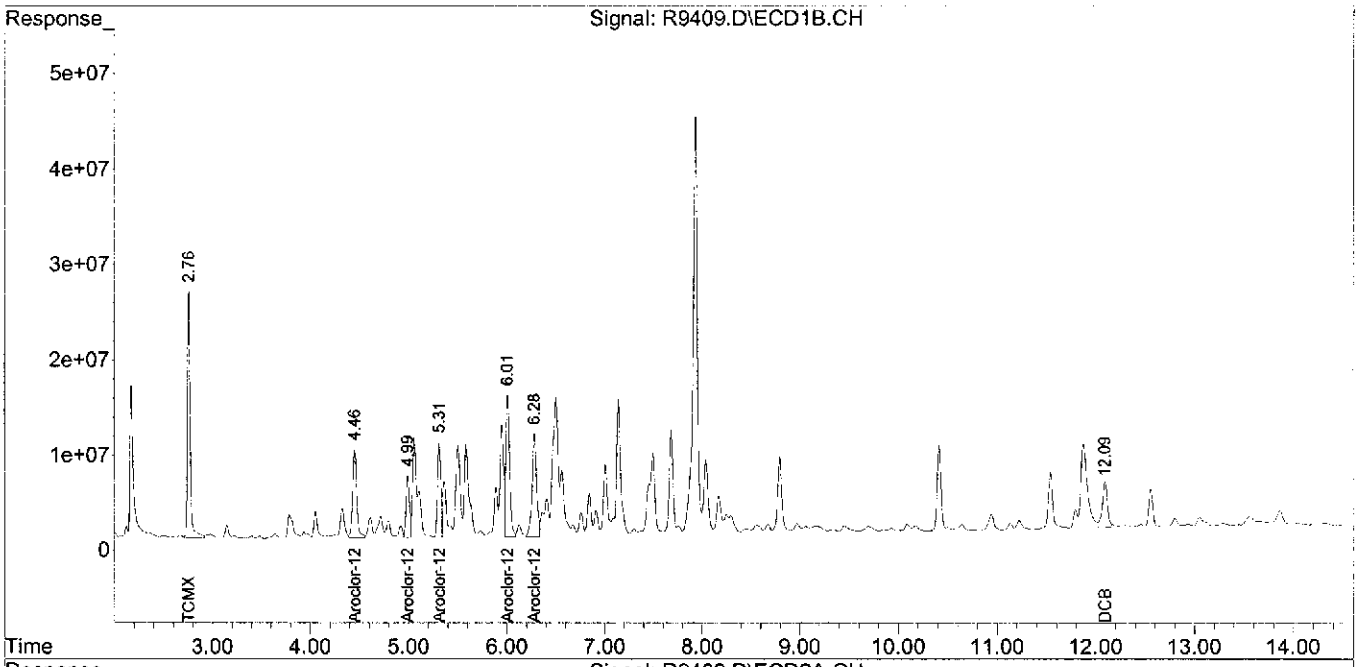
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

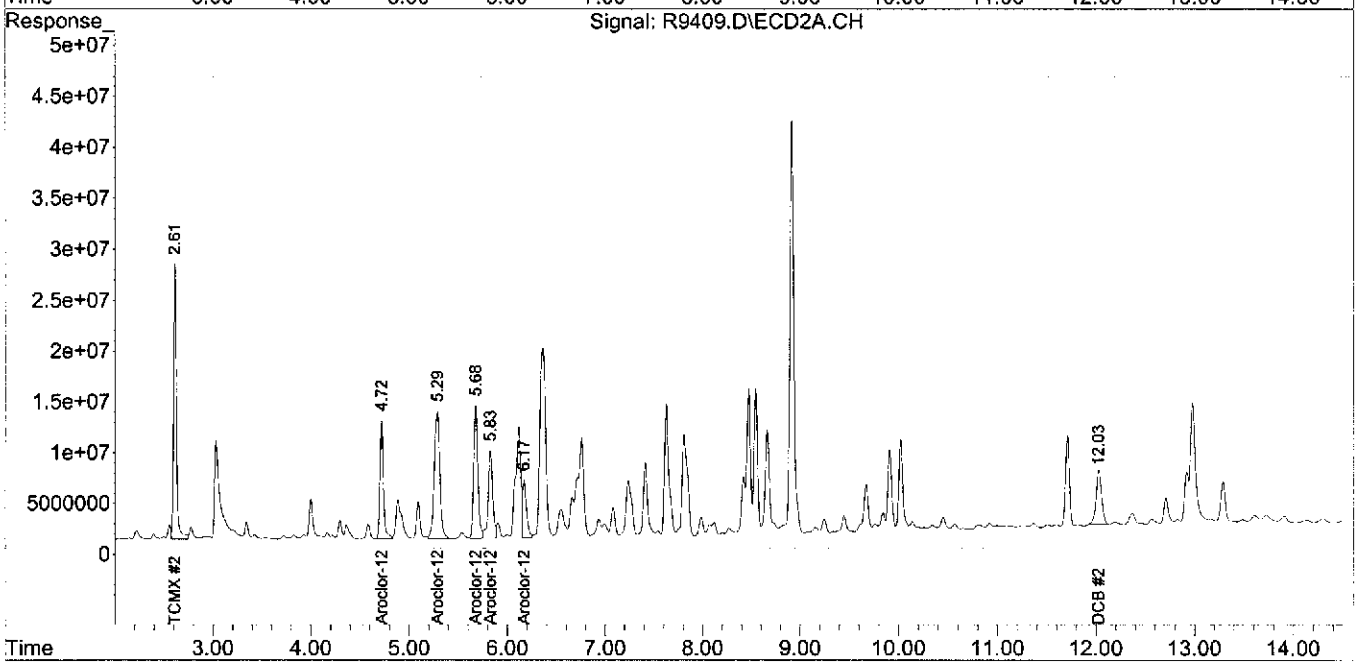
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9409.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:53
Operator : JS
Sample : X-15N(0-2.,03562-020,S,5.01g,9.10,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:21:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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\04-29-13\
Data File : Y7700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 18:51
Operator : NG
Sample : X-13E(0-2.,03562-021,S,5.60g,19.4,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:57:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	3577.2E6	1428.2E6	26.290	37.426 #
Spiked Amount 200.000			Recovery	=	13.14%	18.71%
2) S DCB	12.07	12.39	1088.7E6	340.7E6	21.872m	32.768m#
Spiked Amount 200.000			Recovery	=	10.94%	16.38%
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	4.48	5.06	3343.8E6	1155.7E6	742.570	928.502 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1243.9E6	1459.0E6	456.626	724.554 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1540.7E6	883.3E6	426.993	619.586 #
26) L6 Aroclor-1248 {4}	6.03	6.19	3317.3E6	697.1E6	530.312	539.733
27) L6 Aroclor-1248 {5}	6.31	6.54	2126.2E6	406.6E6	539.168	597.658
Sum Aroclor-1248			11571.9E6	4601.7E6	2695.669	3410.033
Average Aroclor-1248					539.134	682.007
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

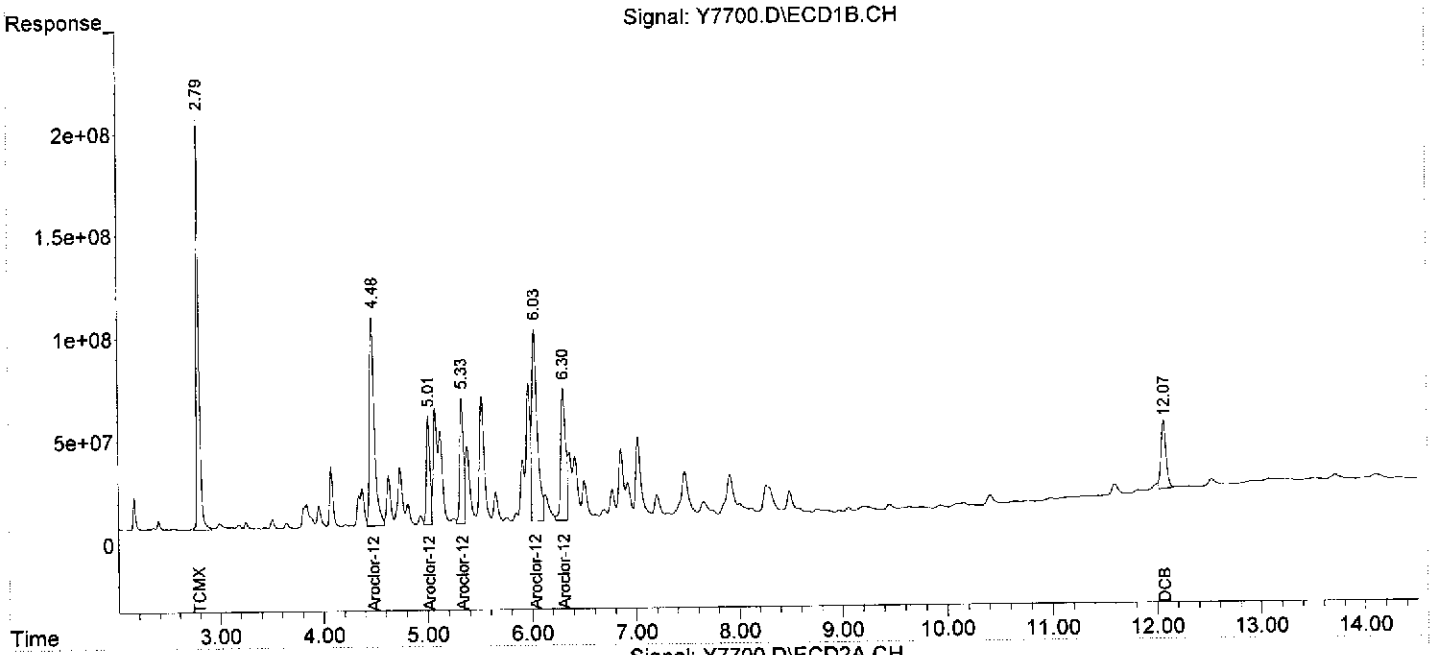
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

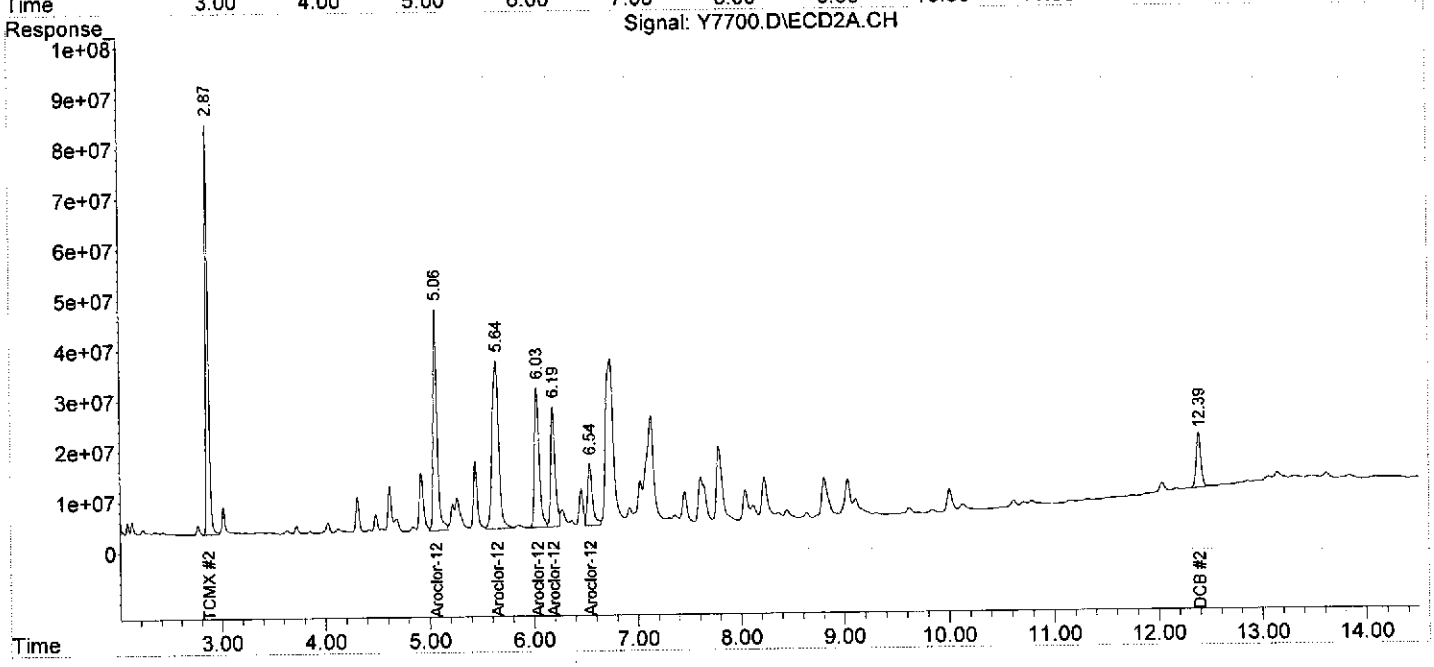
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 18:51
Operator : NG
Sample : X-13E(0-2.,03562-021,S,5.60g,19.4,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:57:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7701.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:08
Operator : NG
Sample : X-13N(0-2.,03562-022,S,5.40g,6.00,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:58:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	1897.2E6	682.7E6	13.944	17.889 #
Spiked Amount 200.000			Recovery	=	6.97%	8.94%
2) S DCB	12.06	12.39	525.2E6	161.1E6	10.552m	15.490m#
Spiked Amount 200.000			Recovery	=	5.28%	7.75%
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	4.48	5.06	3479.9E6	1270.8E6	772.808	1020.933 #
24) L6 Aroclor-1248 {2}	5.01	5.64	1367.4E6	1566.0E6	501.966	777.703 #
25) L6 Aroclor-1248 {3}	5.33	6.03	2352.8E6	1259.6E6	652.037	883.567 #
26) L6 Aroclor-1248 {4}	6.03	6.19	4460.5E6	1020.2E6	713.072	789.922
27) L6 Aroclor-1248 {5}	6.31	6.54	3111.7E6	546.2E6	789.091	802.846
Sum Aroclor-1248			14772.4E6	5662.9E6	3428.974	4274.971
Average Aroclor-1248					685.795	854.994
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

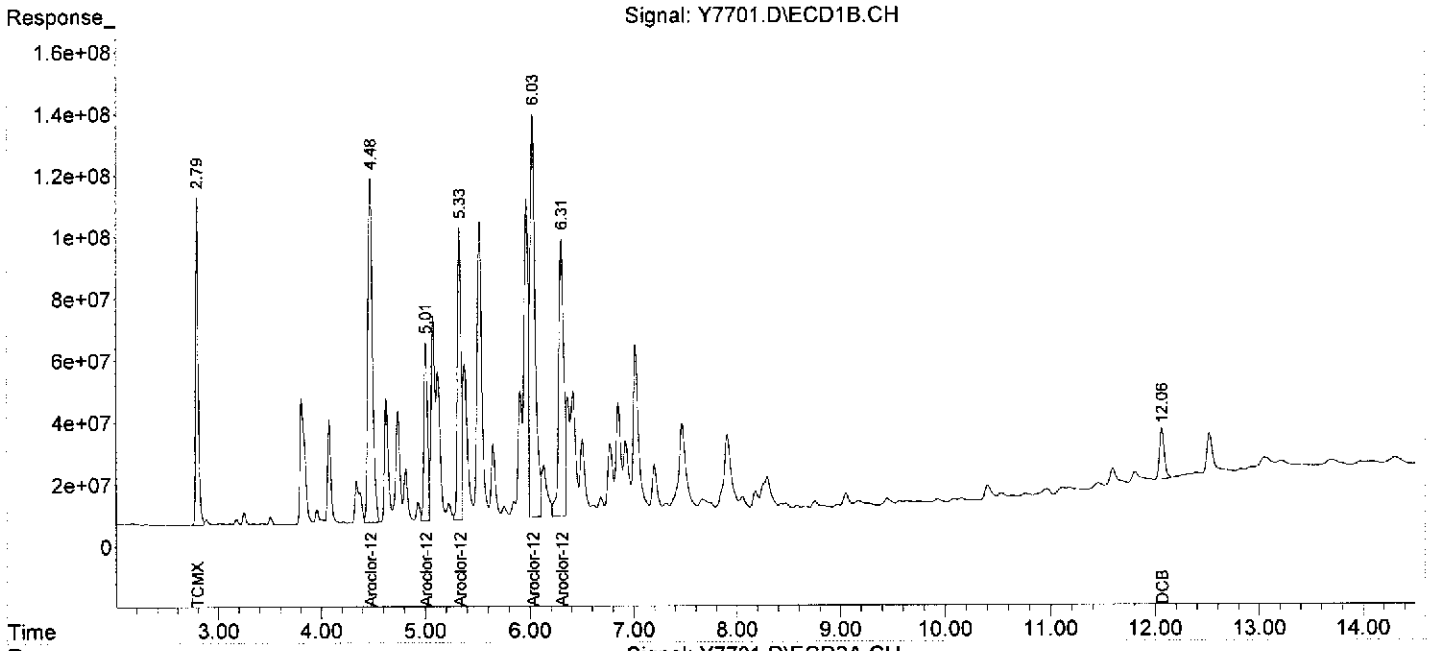
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

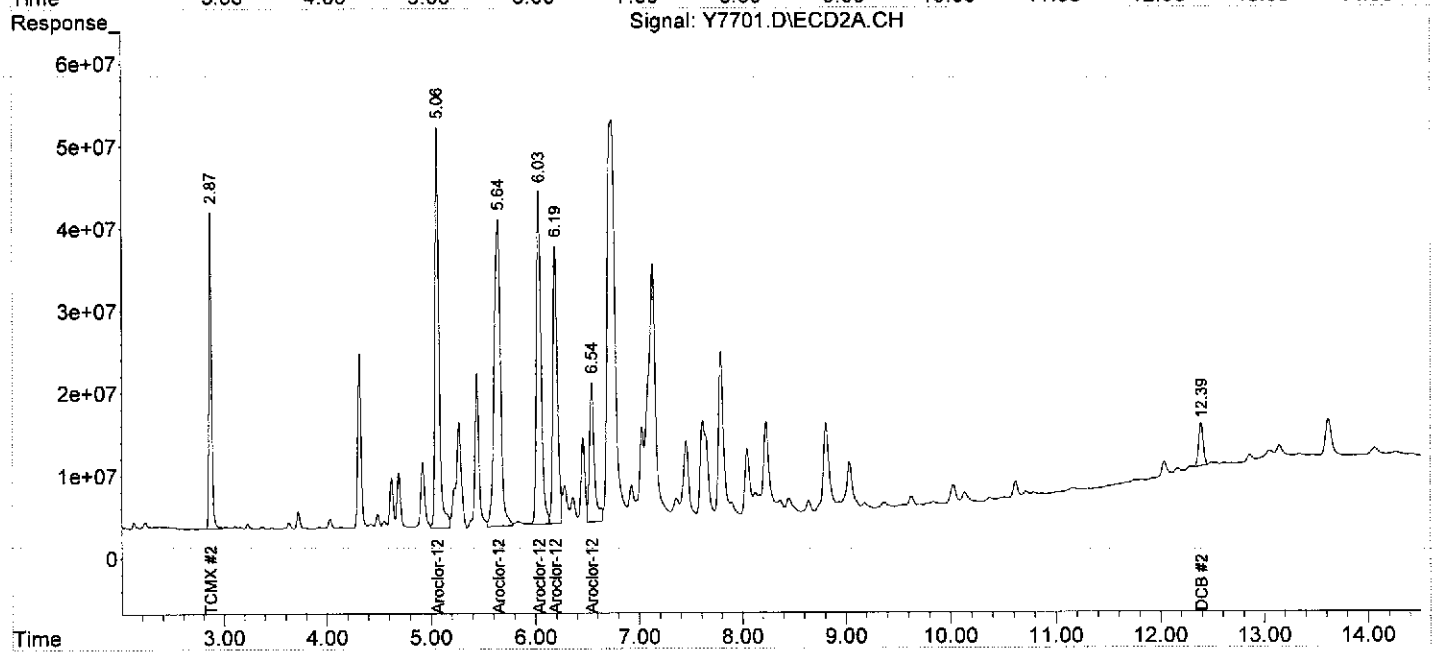
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7701.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:08
Operator : NG
Sample : X-13N(0-2.,03562-022,S,5.40g,6.00,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:58:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:25
Operator : NG
Sample : DD-28S(1.0,03562-023,S,5.20g,27.8,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:25:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	1413.6E6	313.8E6	10.389	8.224
Spiked Amount 200.000			Recovery =		5.19%	4.11%
2) S DCB	12.07	12.39	657.9E6	79597709	13.218m	7.655m#
Spiked Amount 200.000			Recovery =		6.61%	3.83%
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	6.42	7.02	1430.3E6	372.7E6	218.301	211.093m
29) L7 Aroclor-1254 {2}	6.85	0.00	380.8E6	0	93.412	N.D. d#
30) L7 Aroclor-1254 {3}	7.02	8.22	1063.7E6	265.0E6	130.708	206.051m#
32) L7 Aroclor-1254 {5}	8.30	9.03	2894.3E6	1120.0E6	371.113	545.943 #
Sum Aroclor-1254			5769.1E6	1757.8E6	813.534	963.086
Average Aroclor-1254					203.383	321.029
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.59	9.62	1655.3E6	926.1E6	200.044	522.134m#
39) L9 Aroclor-1262 {2}	9.44	10.12	5003.3E6	1557.3E6	288.584m	378.694m#
40) L9 Aroclor-1262 {3}	10.07	10.62	2200.3E6	501.5E6	349.920	383.397m
41) L9 Aroclor-1262 {4}	10.16	10.71	3245.1E6	1552.5E6	365.026	522.546m#
42) L9 Aroclor-1262 {5}	10.98	11.30	1806.5E6	236.3E6	306.743	366.086m
Sum Aroclor-1262			13910.5E6	4773.7E6	1510.317	2172.858
Average Aroclor-1262					302.063	434.572
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\04-29-13\
Data File : Y7702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:25
Operator : NG
Sample : DD-28S(1.0,03562-023,S,5.20g,27.8,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:25:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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

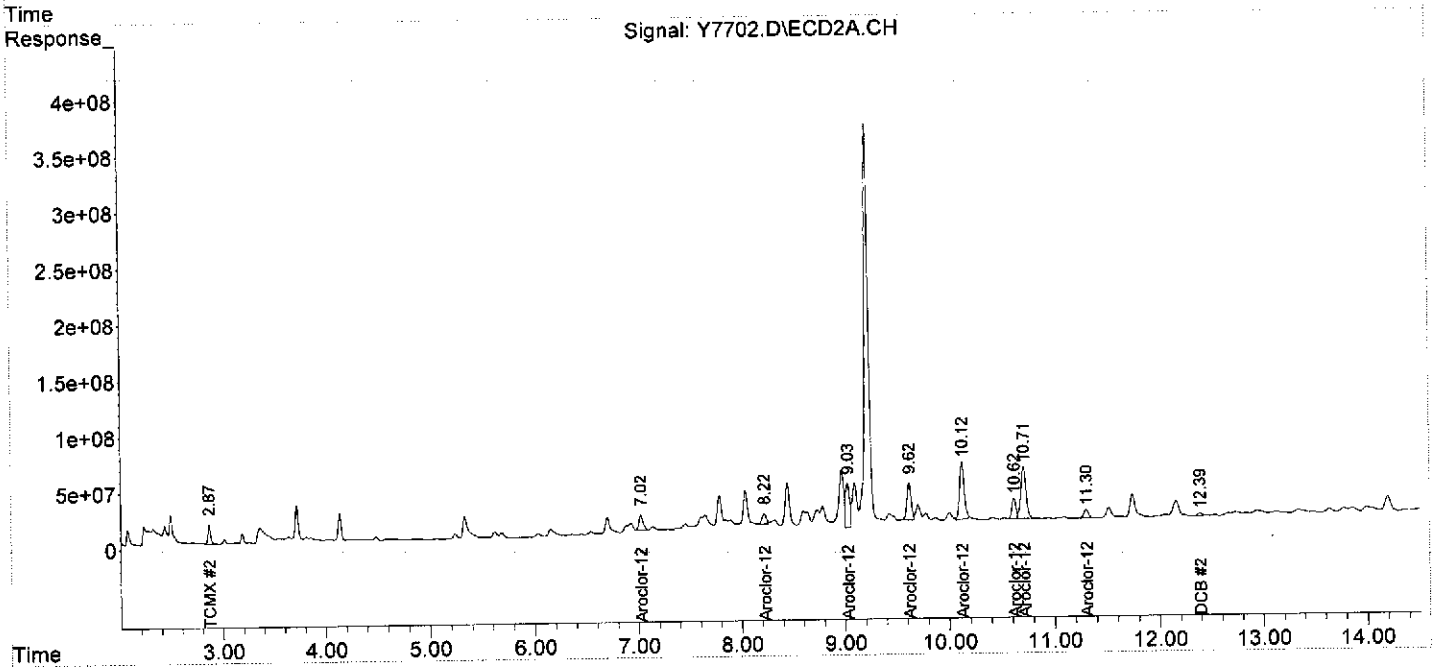
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

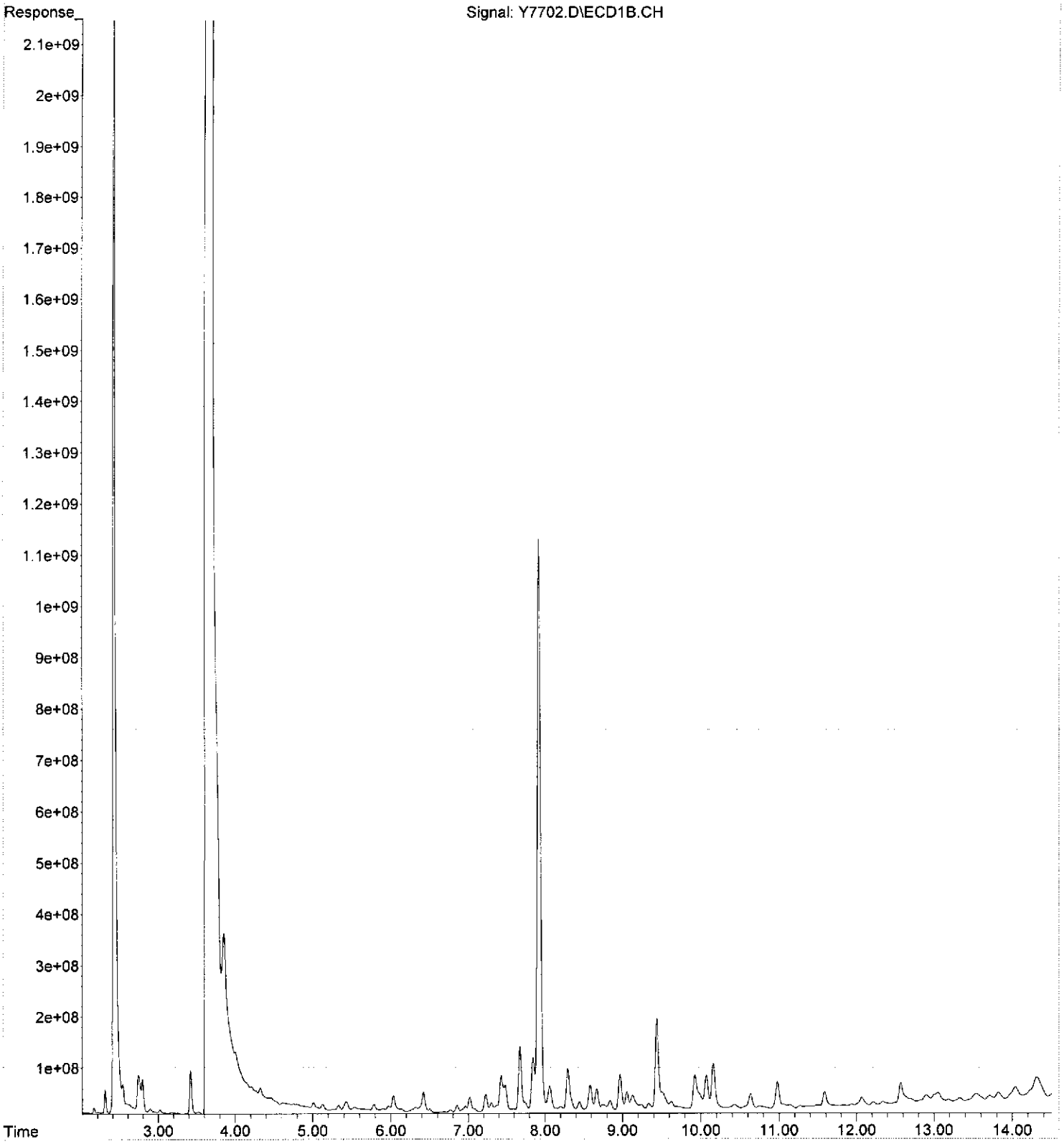
Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:25
Operator : NG
Sample : DD-28S(1.0,03562-023,S,5.20g,27.8,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:25:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\Y7702.D
Operator : NG
Acquired : 29 Apr 2013 19:25 using AcqMethod YPCB0417.M
Instrument : GC-Y
Sample Name: DD-28S(1.0,03562-023,S,5.20g,27.8,04/26/13,4
Misc Info : 130426-15,04/18/13,04/18/13,20
Vial Number: 6



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7703.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:42
Operator : NG
Sample : DD-28S(2.0,03562-024,S,5.30g,37.6,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,100
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:39:42 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.59	9.62	7309.4E6	2248.2E6	883.347	1267.484m#
39) L9 Aroclor-1262 {2}	9.45	0.00	18572.5E6	0	1071.231	N.D. d#
40) L9 Aroclor-1262 {3}	10.07	10.62	4880.5E6	1252.1E6	776.154	957.191m
41) L9 Aroclor-1262 {4}	10.16	10.71	7645.6E6	3991.1E6	860.027	1343.361m#
42) L9 Aroclor-1262 {5}	10.98	11.31	3939.3E6	611.6E6	668.896	947.555m#
Sum Aroclor-1262			42347.4E6	8102.9E6	4259.655	4515.591
Average Aroclor-1262					851.931	1128.898
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

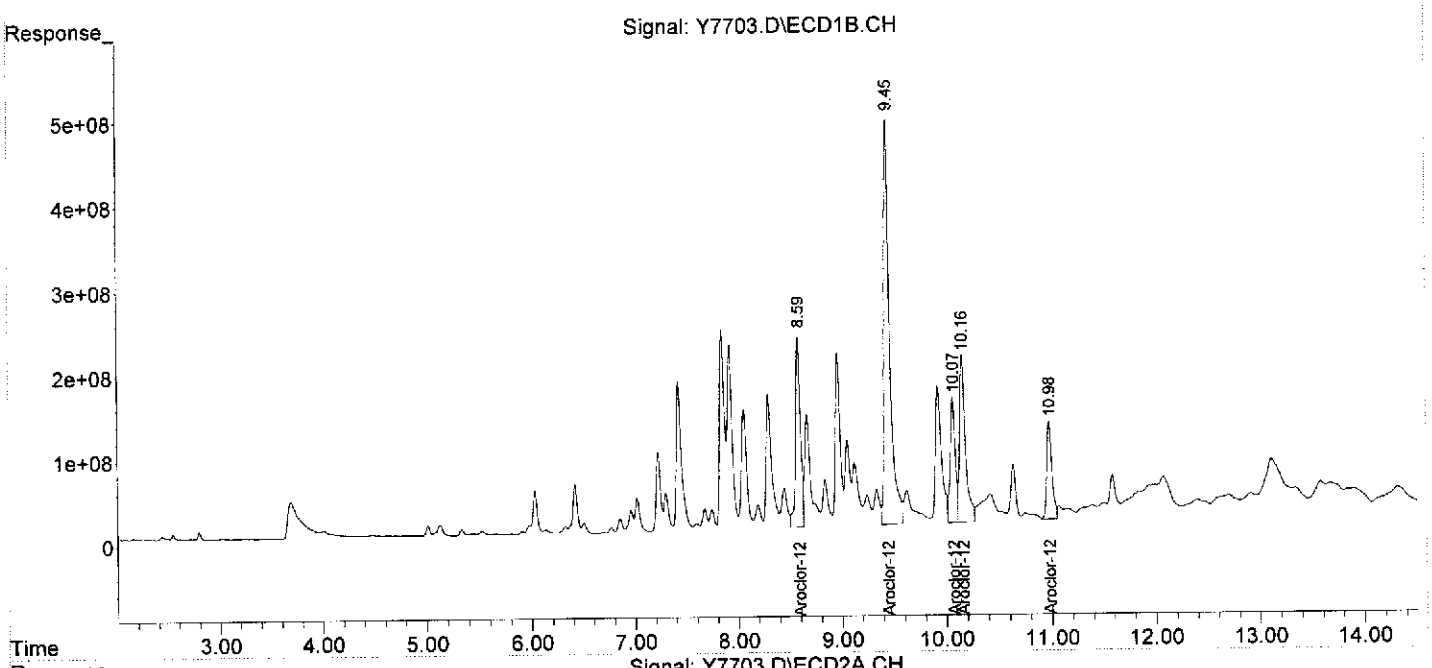
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

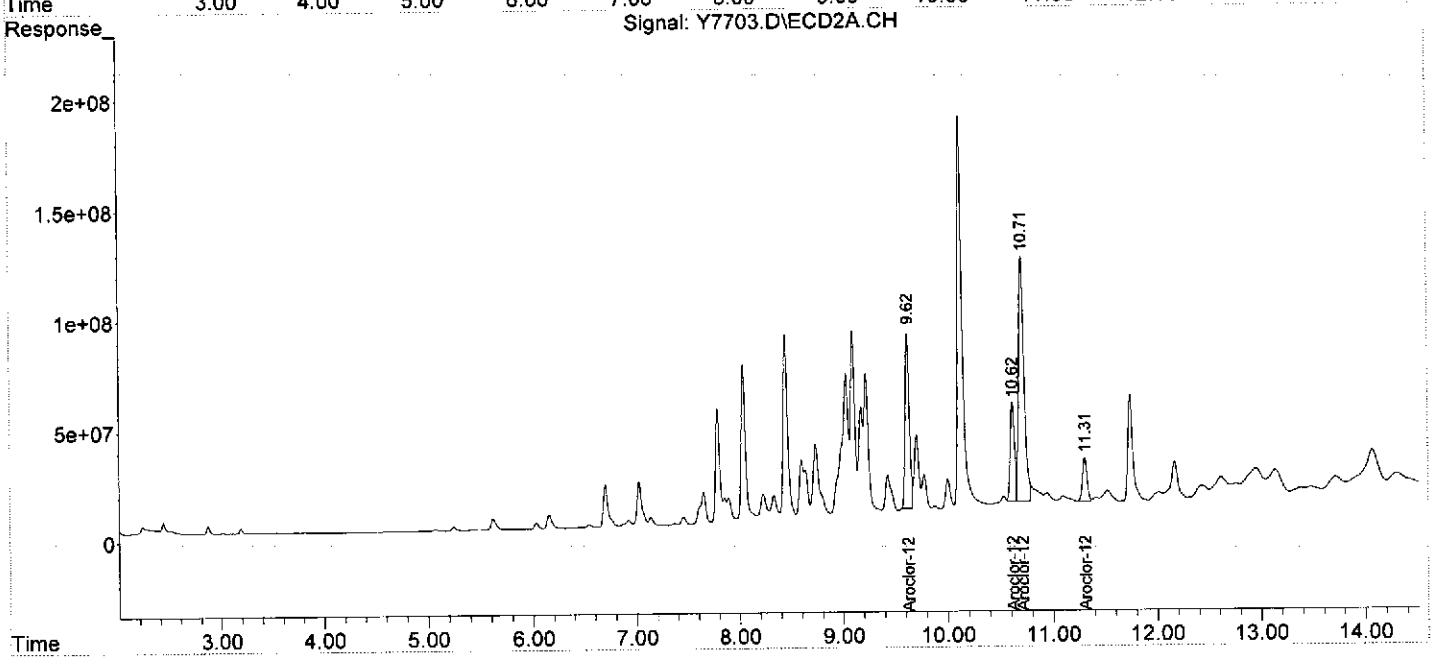
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7703.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:42
Operator : NG
Sample : DD-28S(2.0,03562-024,S,5.30g,37.6,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,100
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:39:42 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:16
Operator : NG
Sample : DD-28S(4.0,03562-025,S,5.70g,81.8,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:42:58 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	23797.5E6	9392.3E6	174.900	246.122 #
Spiked Amount 200.000			Recovery	=	87.45%	123.06%
2) S DCB	12.06	12.39	8460.8E6	2412.5E6	169.978	232.009m#
Spiked Amount 200.000			Recovery	=	84.99%	116.00%
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
38) L9 Aroclor-1262	8.59	9.62	258.7E6	78334902	31.266	44.164m#
39) L9 Aroclor-1262 {2}	9.44	10.13	547.2E6	241.4E6	31.562	58.703m#
40) L9 Aroclor-1262 {3}	10.07	10.62	177.8E6	52325824	28.277	40.001m#
41) L9 Aroclor-1262 {4}	10.16	10.71	253.4E6	129.0E6	28.508	43.408m#
42) L9 Aroclor-1262 {5}	10.98	11.31	200.2E6	29257422	33.999	45.330m#
Sum Aroclor-1262			1437.4E6	530.3E6	153.612	231.606
Average Aroclor-1262					30.722	46.321
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

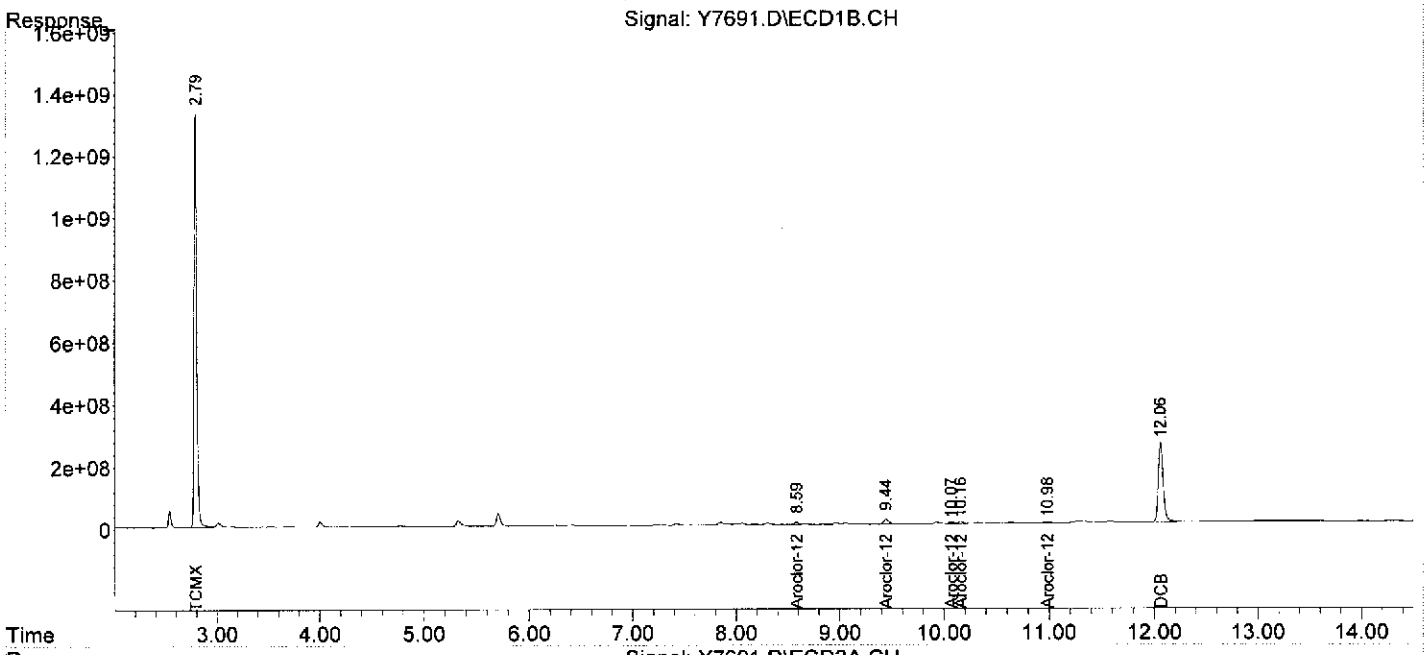
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

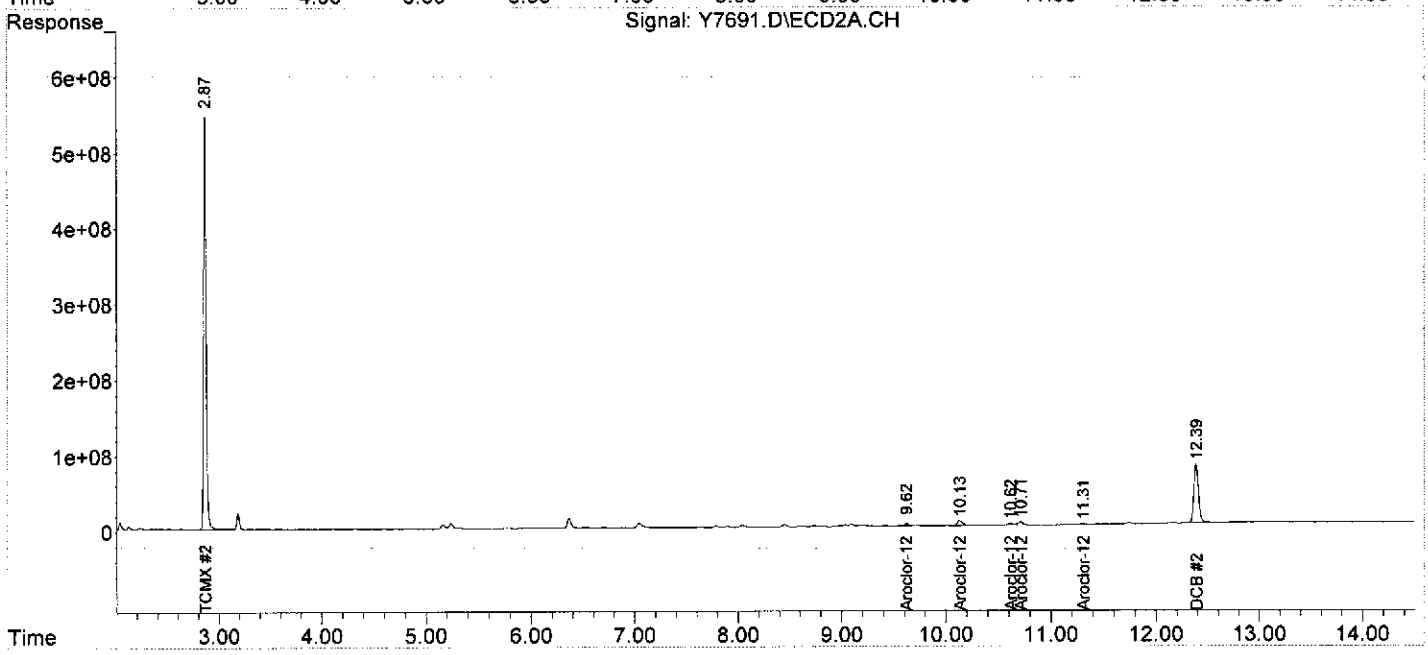
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:16
Operator : NG
Sample : DD-28S(4.0,03562-025,S,5.70g,81.8,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:42:58 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:33
Operator : NG
Sample : DD-28S(5.0,03562-026,S,5.60g,21.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:43:50 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	19770.5E6	7402.4E6	145.304	193.977 #
Spiked Amount 200.000			Recovery	=	72.65%	96.99%
2) S DCB	12.07	12.39	5690.6E6	1681.6E6	114.324	161.716m#
Spiked Amount 200.000			Recovery	=	57.16%	80.86%
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

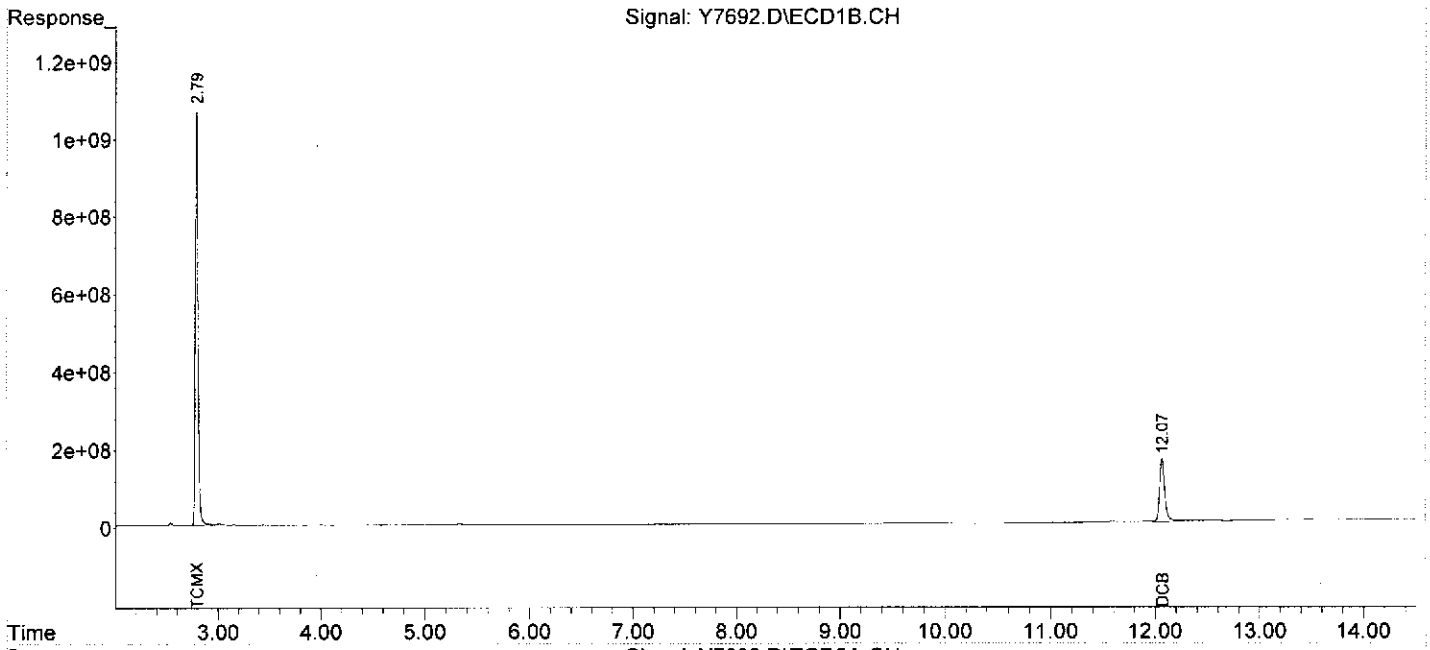
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

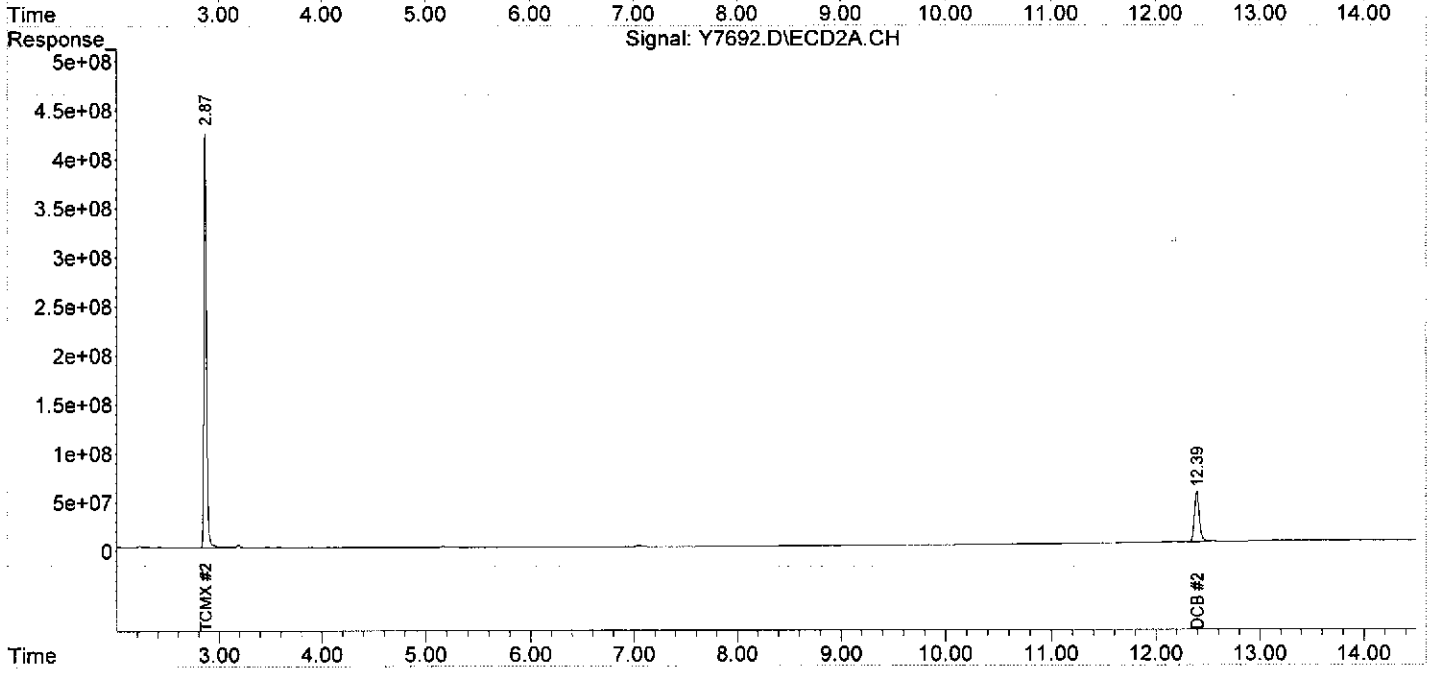
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:33
Operator : NG
Sample : DD-28S(5.0,03562-026,S,5.60g,21.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:43:50 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7704.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:59
Operator : NG
Sample : DD-29W(2.0,03562-027,S,5.40g,50.0,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:08:10 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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
18) L5 Aroclor-1242	4.08	4.69	658.1E6	139.8E6	294.151	346.336
19) L5 Aroclor-1242 {2}	5.01	5.44	403.0E6	255.6E6	279.420	376.226 #
20) L5 Aroclor-1242 {3}	5.33	6.03	549.6E6	319.6E6	277.131	354.313 #
21) L5 Aroclor-1242 {4}	6.03	6.19	1046.9E6	276.6E6	307.929	366.300
22) L5 Aroclor-1242 {5}	6.31	6.74	737.5E6	256.0E6	259.032	177.437m#
Sum Aroclor-1242			3395.1E6	1247.7E6	1417.663	1620.611
Average Aroclor-1242					283.533	324.122
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

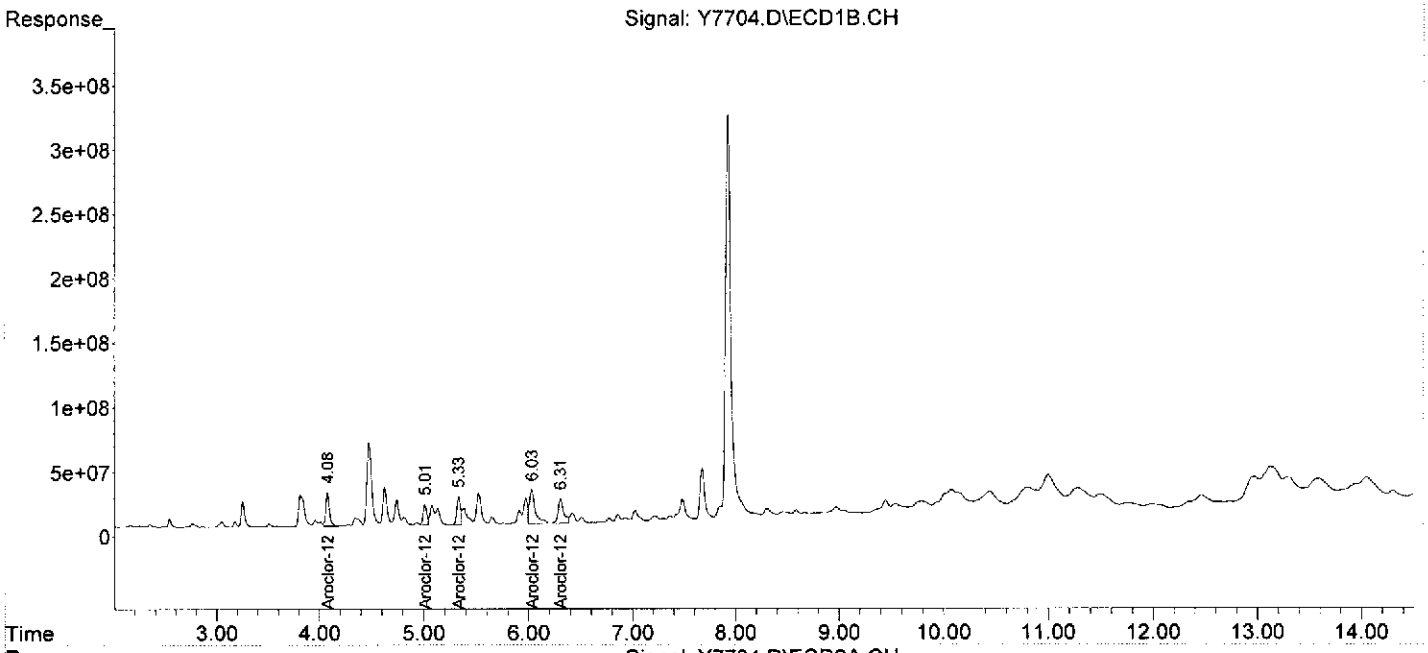
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

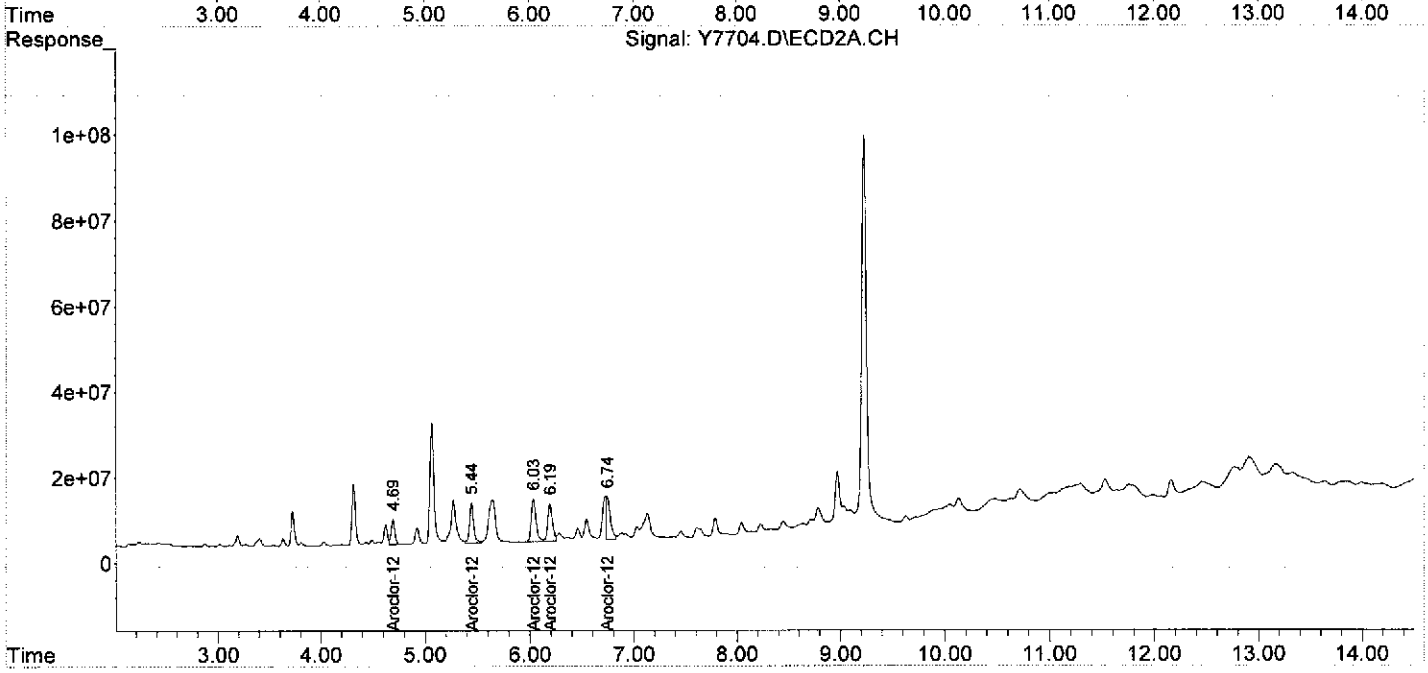
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7704.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 19:59
Operator : NG
Sample : DD-29W(2.0,03562-027,S,5.40g,50.0,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:08:10 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7693.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:51
Operator : NG
Sample : DD-29W(4.0,03562-028,S,5.60g,82.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:48:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	23019.6E6	9143.2E6	169.183	239.593 #
Spiked Amount 200.000			Recovery	=	84.59%	119.80%
2) S DCB	12.07	12.39	7437.1E6	2292.6E6	149.412	220.479 #
Spiked Amount 200.000			Recovery	=	74.71%	110.24%
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
18) L5 Aroclor-1242	4.08	4.69	717.5E6	166.6E6	320.723	412.665 #
19) L5 Aroclor-1242 {2}	5.01	5.44	418.7E6	275.2E6	290.345	405.079 #
20) L5 Aroclor-1242 {3}	0.00	6.04	0	357.4E6	N.D. d	396.172 #
21) L5 Aroclor-1242 {4}	6.03	6.19	722.3E6	271.4E6	212.452	359.392 #
22) L5 Aroclor-1242 {5}	6.31	6.74	543.4E6	170.4E6	190.870	118.110 #
Sum Aroclor-1242			2402.0E6	1241.0E6	1014.391	1691.419
Average Aroclor-1242					253.598	338.284
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
38) L9 Aroclor-1262	8.59	9.62	512.1E6	96285406	61.890	54.284
39) L9 Aroclor-1262 {2}	9.45	10.13	607.0E6	244.1E6	35.011	59.357m#
40) L9 Aroclor-1262 {3}	10.07	10.62	469.6E6	118.1E6	74.674	90.261m
41) L9 Aroclor-1262 {4}	10.16	10.71	612.4E6	219.7E6	68.886	73.956m
42) L9 Aroclor-1262 {5}	10.98	11.31	330.5E6	34097421	56.122	52.829m
Sum Aroclor-1262			2531.6E6	712.3E6	296.583	330.687
Average Aroclor-1262					59.317	66.137
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\04-29-13\
Data File : Y7693.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:51
Operator : NG
Sample : DD-29W(4.0,03562-028,S,5.60g,82.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:48:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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

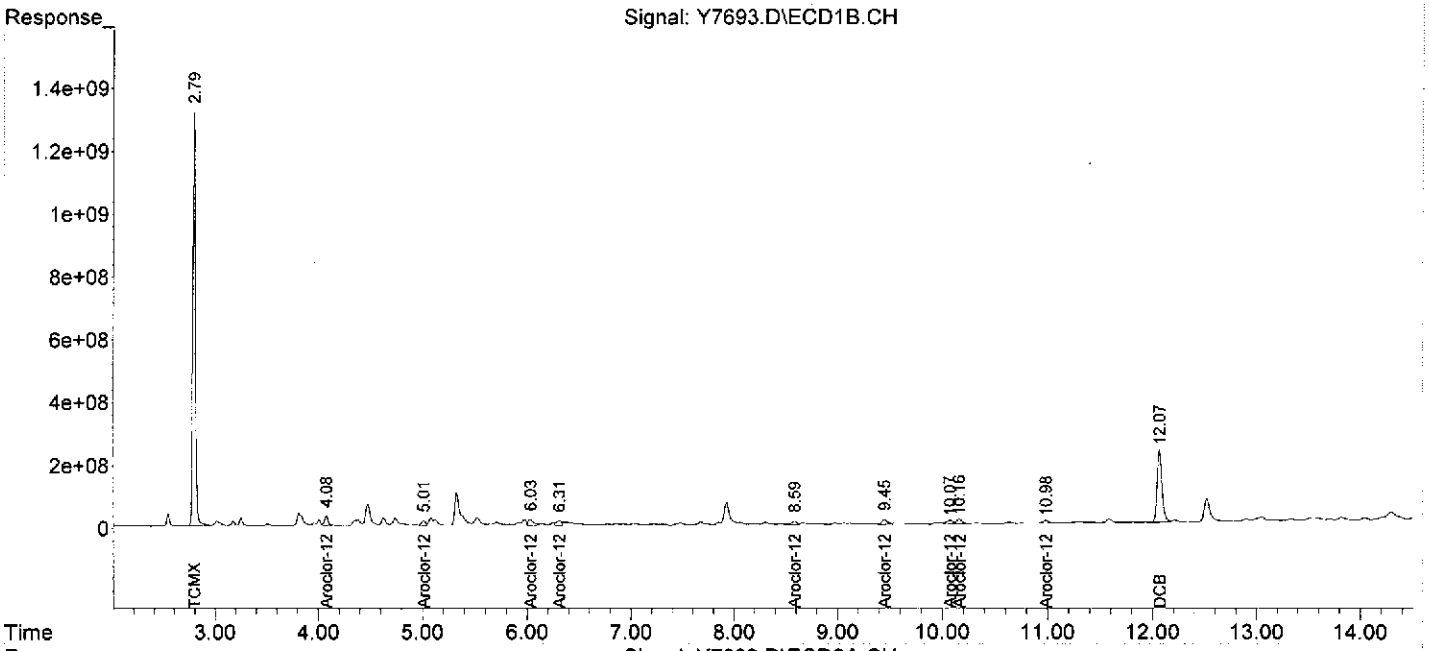
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

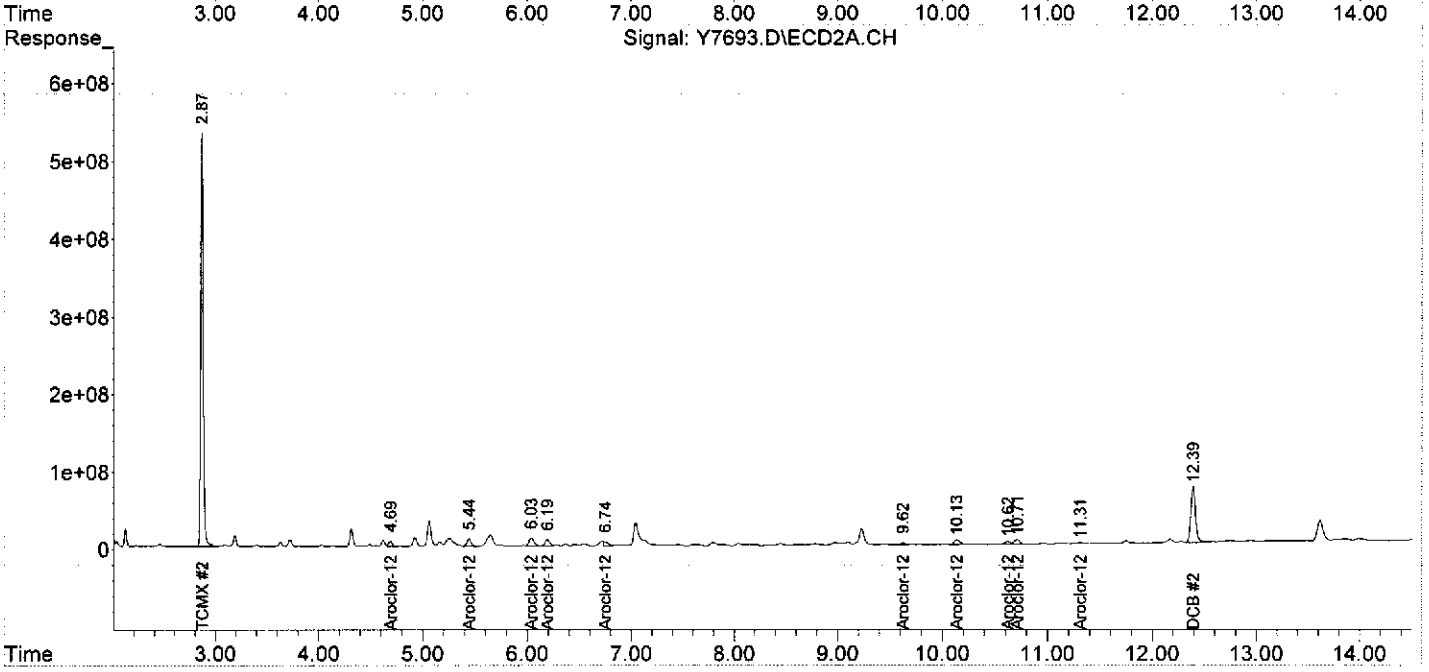
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7693.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 16:51
Operator : NG
Sample : DD-29W(4.0,03562-028,S,5.60g,82.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 10:48:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7705.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:16
Operator : NG
Sample : DD-28W(0-2,03562-029,S,5.60g,10.3,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:47:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	2885.4E6	1040.1E6	21.206	27.255 #
Spiked Amount 200.000			Recovery	=	10.60%	13.63%
2) S DCB	12.06	12.39	1582.6E6	289.5E6	31.795m	27.845m
Spiked Amount 200.000			Recovery	=	15.90%	13.92%
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	4.48	5.06	1693.7E6	611.5E6	376.122	491.292 #
24) L6 Aroclor-1248 {2}	5.01	5.64	609.7E6	992.7E6	223.810	492.995 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1287.4E6	775.6E6	356.798	544.067 #
26) L6 Aroclor-1248 {4}	6.03	6.19	2447.9E6	606.2E6	391.318	469.374
27) L6 Aroclor-1248 {5}	6.30	6.54	1664.7E6	316.2E6	422.155	464.691
Sum Aroclor-1248			7703.4E6	3302.2E6	1770.203	2462.418
Average Aroclor-1248					354.041	492.484
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
38) L9 Aroclor-1262	8.59	9.62	680.6E6	209.0E6	82.251m	117.816m#
39) L9 Aroclor-1262 {2}	9.45	10.13	1658.8E6	581.0E6	95.674m	141.300m#
40) L9 Aroclor-1262 {3}	10.07	10.62	973.2E6	154.8E6	154.770m	118.356m
41) L9 Aroclor-1262 {4}	10.16	10.71	811.4E6	465.0E6	91.266m	156.529m#
42) L9 Aroclor-1262 {5}	10.98	11.31	1034.7E6	64693619	175.682m	100.233m#
Sum Aroclor-1262			5158.6E6	1474.6E6	599.643	634.234
Average Aroclor-1262					119.929	126.847
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\04-29-13\
Data File : Y7705.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:16
Operator : NG
Sample : DD-28W(0-2,03562-029,S,5.60g,10.3,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:47:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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

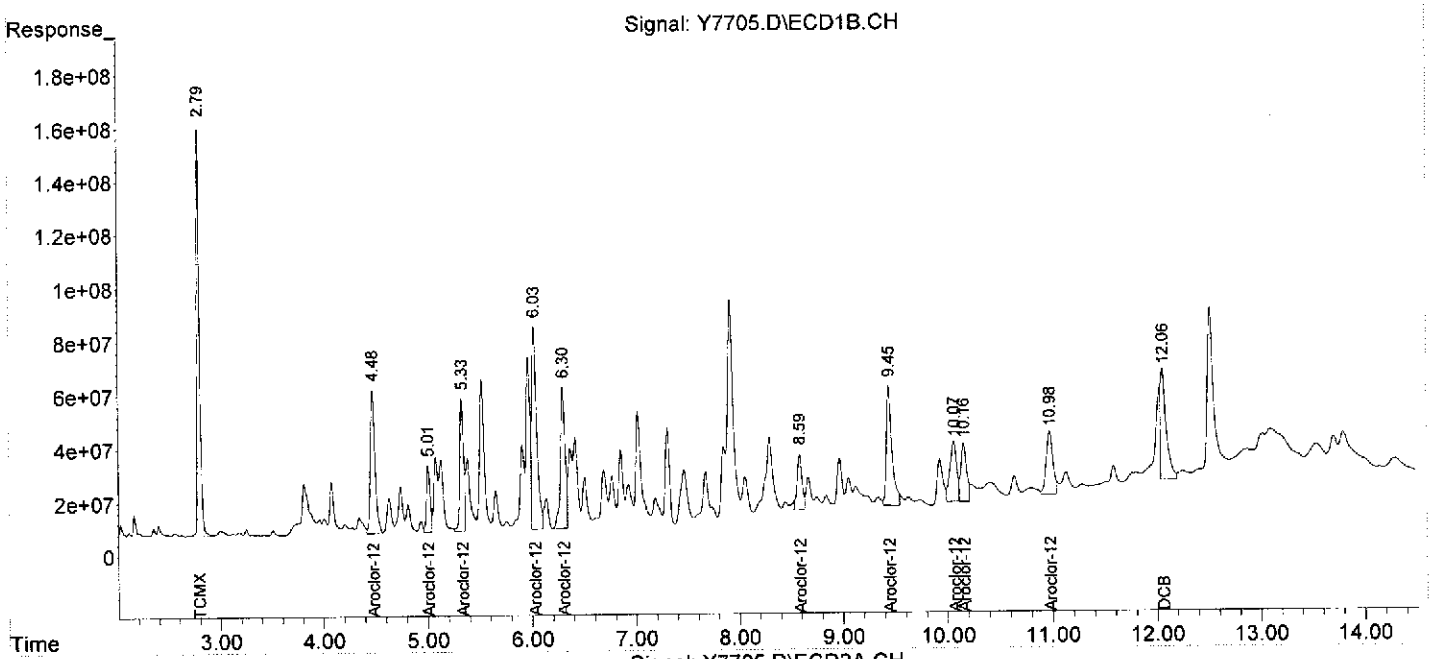
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

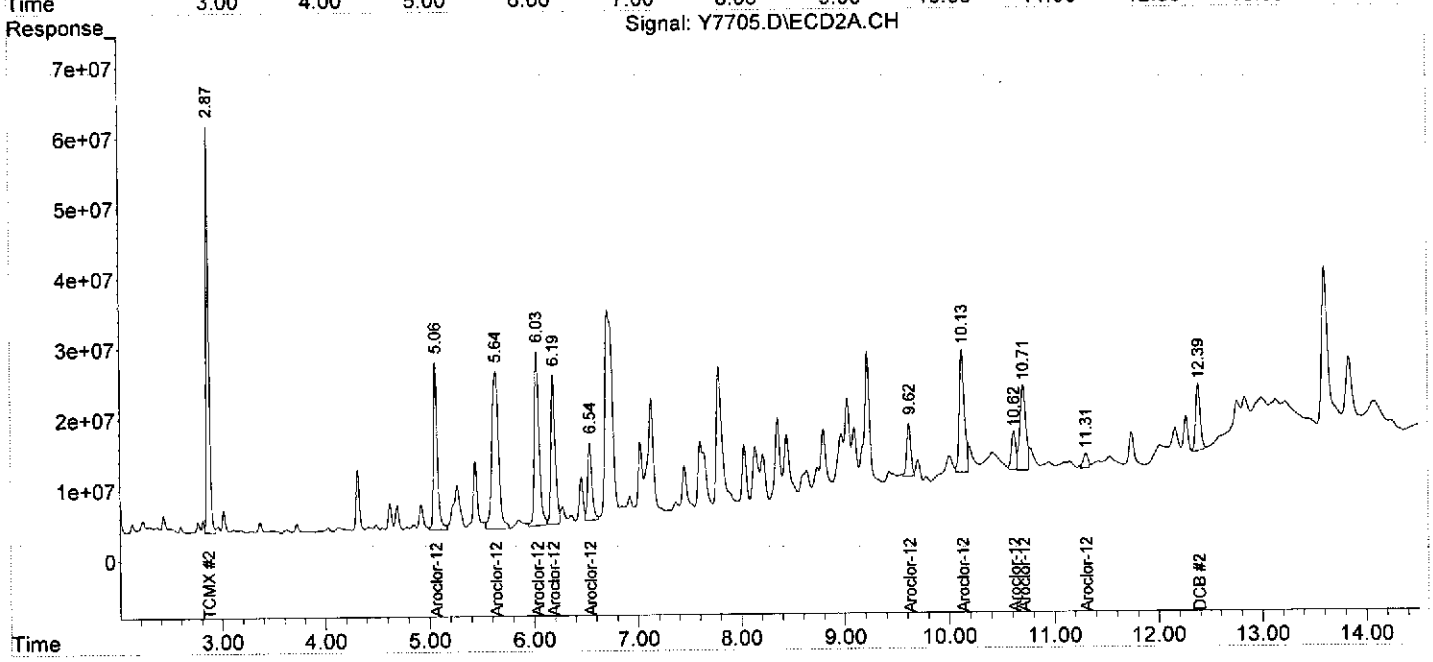
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7705.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:16
Operator : NG
Sample : DD-28W(0-2,03562-029,S,5.60g,10.3,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:47:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7706.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:34
Operator : NG
Sample : DD-28W(2.0,03562-030,S,5.70g,64.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:52:30 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	2013.9E6	842.2E6	14.801	22.069 #
Spiked Amount 200.000			Recovery	=	7.40%	11.03%
2) S DCB	12.06	12.39	722.1E6	199.2E6	14.506m	19.161m#
Spiked Amount 200.000			Recovery	=	7.25%	9.58%
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
38) L9 Aroclor-1262	8.59	9.62	1398.4E6	521.9E6	168.998	294.267m#
39) L9 Aroclor-1262 {2}	9.45	10.13	4058.6E6	1360.4E6	234.092	330.814m#
40) L9 Aroclor-1262 {3}	10.07	10.62	1080.0E6	262.5E6	171.748	200.637m
41) L9 Aroclor-1262 {4}	10.16	10.71	1622.8E6	937.0E6	182.546	315.398m#
42) L9 Aroclor-1262 {5}	10.98	11.30	1003.7E6	133.0E6	170.427	206.085m
Sum Aroclor-1262			9163.5E6	3214.8E6	927.811	1347.201
Average Aroclor-1262					185.562	269.440
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

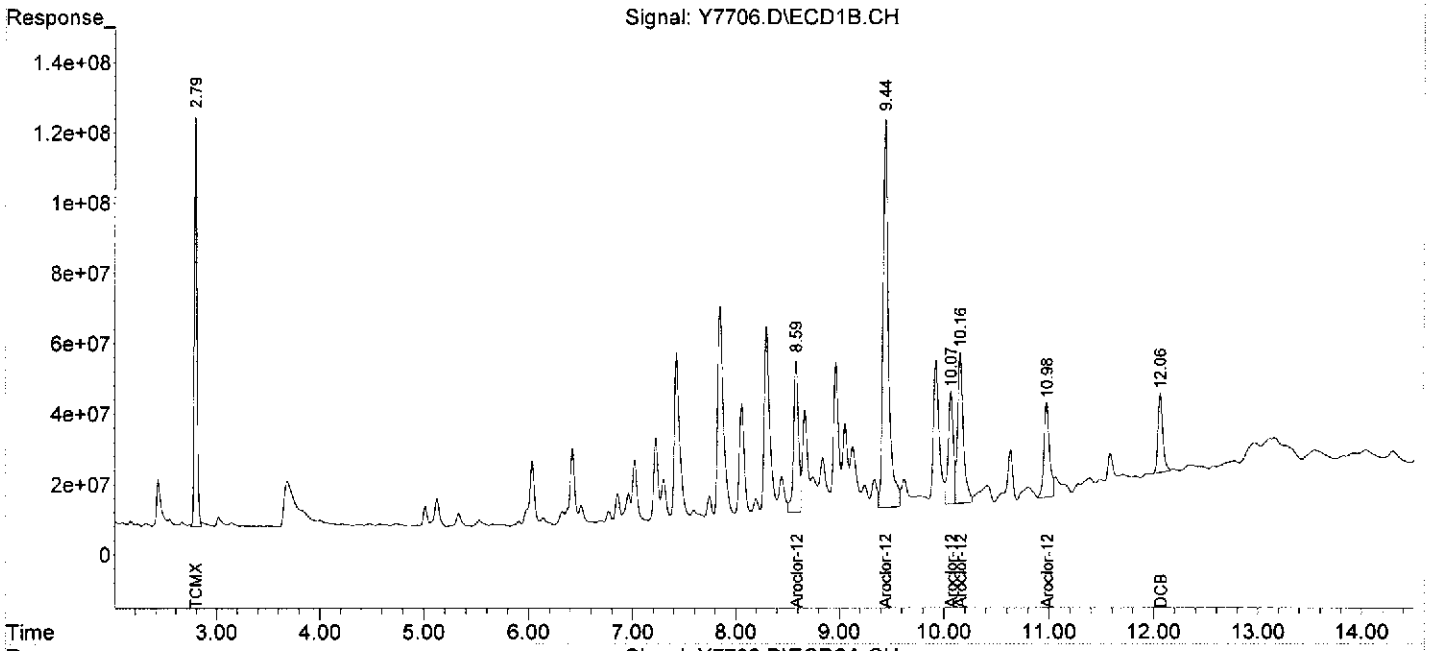
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

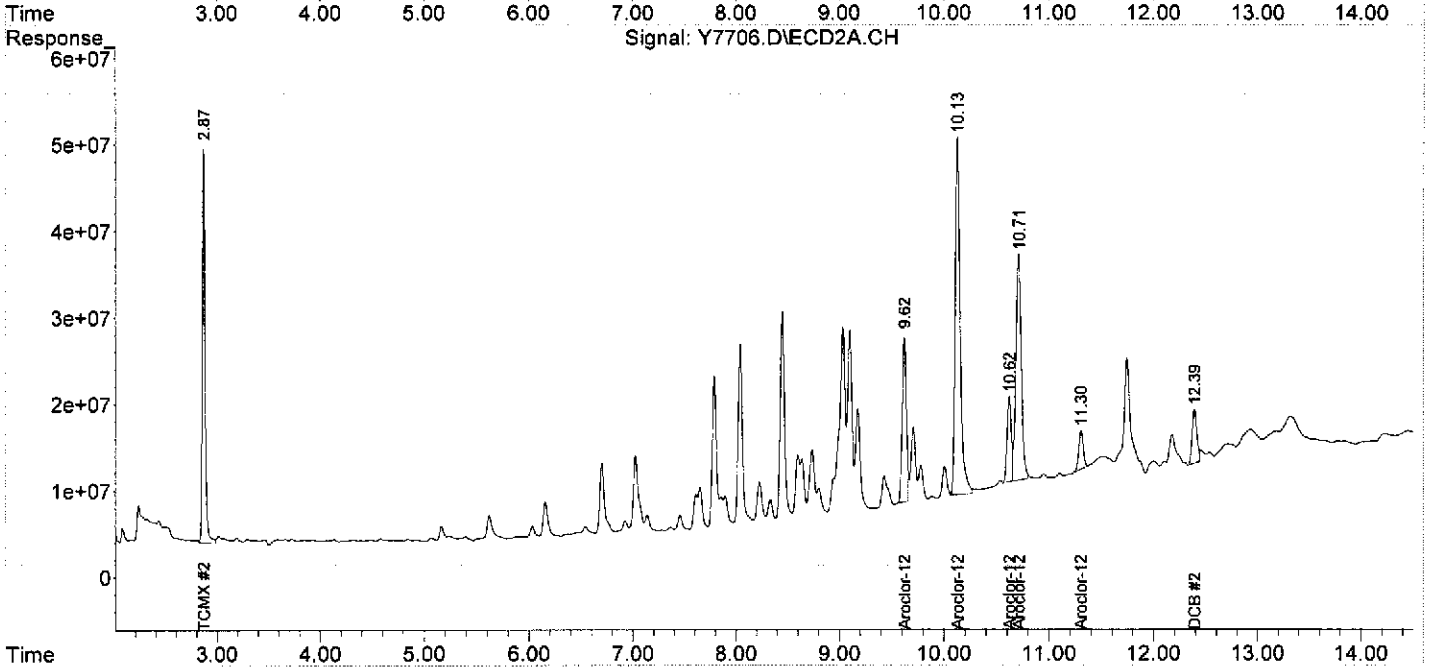
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7706.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:34
Operator : NG
Sample : DD-28W(2.0,03562-030,S,5.70g,64.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 11:52:30 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7707.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:51
Operator : NG
Sample : DD-28N(0-2,03562-031,S,5.60g,10.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 14:04:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	762.9E6	322.8E6	5.607	8.458 #
Spiked Amount 200.000			Recovery	=	2.80%	4.23%
2) S DCB	12.07	12.39	419.5E6	119.7E6	8.429m	11.511m#
Spiked Amount 200.000			Recovery	=	4.21%	5.76%
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	4.48	5.06	3664.4E6	1310.4E6	813.769	1052.743 #
24) L6 Aroclor-1248 {2}	5.01	5.64	2072.3E6	2040.6E6	760.703	1013.415 #
25) L6 Aroclor-1248 {3}	5.33	6.03	2905.9E6	1508.3E6	805.321	1057.986 #
26) L6 Aroclor-1248 {4}	6.03	6.19	5113.3E6	1218.3E6	817.427	943.341
27) L6 Aroclor-1248 {5}	6.31	6.54	2825.1E6	656.8E6	716.413	965.314 #
Sum Aroclor-1248			16581.0E6	6734.4E6	3913.632	5032.800
Average Aroclor-1248					782.726	1006.560
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
38) L9 Aroclor-1262	8.59	9.62	140.1E6	95615236	16.928m	53.906m#
39) L9 Aroclor-1262 {2}	9.45	10.13	375.0E6	173.0E6	21.631m	42.058m#
40) L9 Aroclor-1262 {3}	10.07	10.62	149.6E6	37962418	23.796m	29.021m
41) L9 Aroclor-1262 {4}	10.16	10.71	217.5E6	96794165	24.467m	32.580m#
42) L9 Aroclor-1262 {5}	10.99	0.00	222.2E6	0	37.732m	N.D. d#
Sum Aroclor-1262			1104.5E6	403.3E6	124.555	157.566
Average Aroclor-1262					24.911	39.391
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\04-29-13\
Data File : Y7707.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:51
Operator : NG
Sample : DD-28N(0-2,03562-031,S,5.60g,10.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 14:04:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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

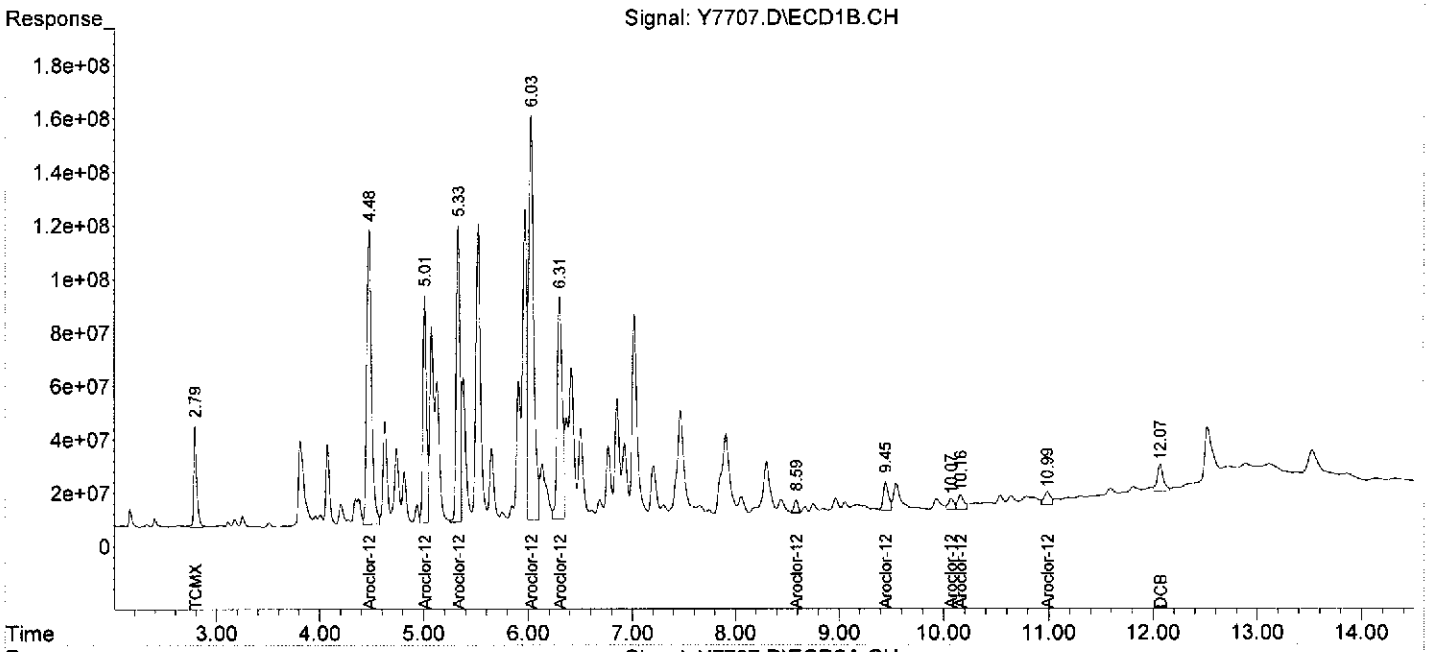
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

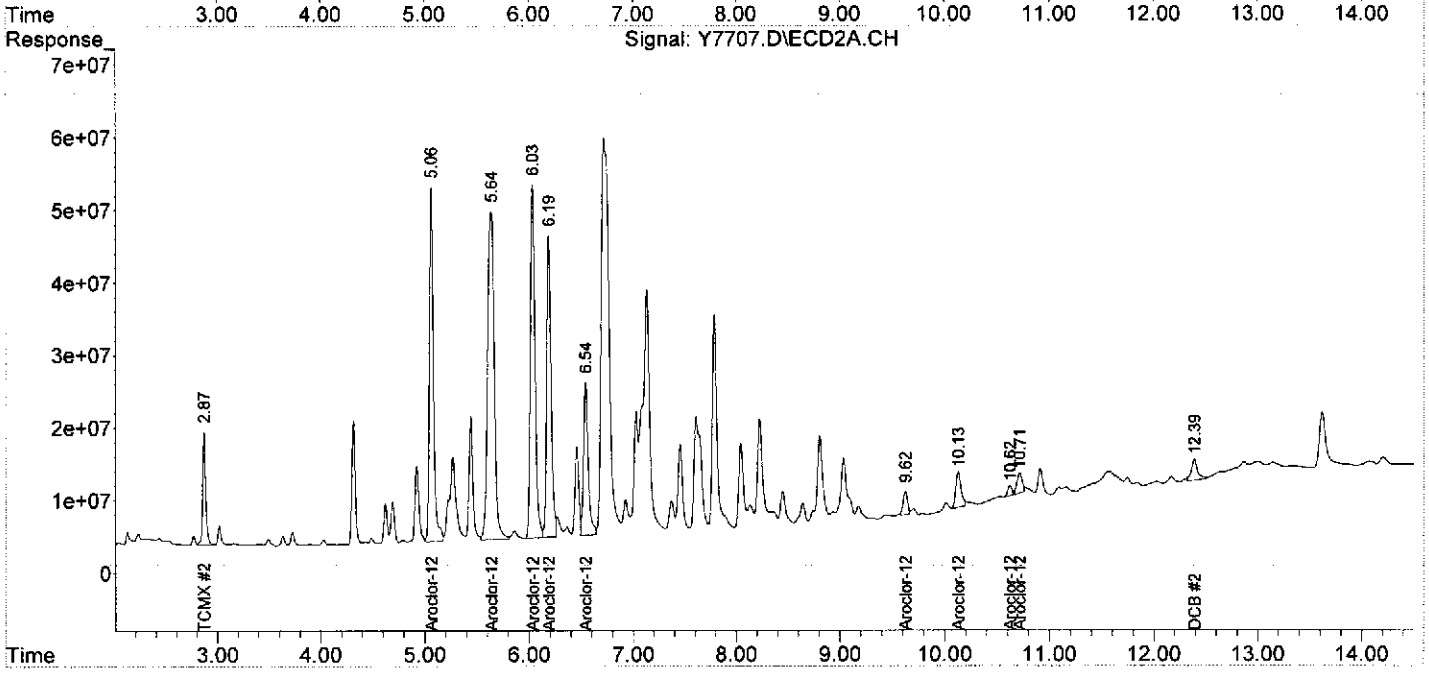
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7707.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 20:51
Operator : NG
Sample : DD-28N(0-2,03562-031,S,5.60g,10.1,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 14:04:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7708.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:08
Operator : NG
Sample : DD-28N(2.0,03562-032,S,5.50g,58.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:40:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	851.0E6	396.9E6	6.255	10.399 #
Spiked Amount 200.000			Recovery	=	3.13%	5.20%
2) S DCB	12.07	12.39	553.5E6	107.5E6	11.120	10.334m
Spiked Amount 200.000			Recovery	=	5.56%	5.17%
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
38) L9 Aroclor-1262	8.59	0.00	1746.7E6	0	211.087	N.D. d#
39) L9 Aroclor-1262 {2}	9.44	0.00	5590.0E6	0	322.423	N.D. d#
40) L9 Aroclor-1262 {3}	10.07	10.62	1461.0E6	396.9E6	232.350	303.440m#
41) L9 Aroclor-1262 {4}	10.16	10.71	2262.0E6	1195.2E6	254.443	402.309m#
42) L9 Aroclor-1262 {5}	10.98	11.30	1459.1E6	207.0E6	247.752	320.732m#
Sum Aroclor-1262			12518.8E6	1799.2E6	1268.056	1026.481
Average Aroclor-1262					253.611	342.160
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

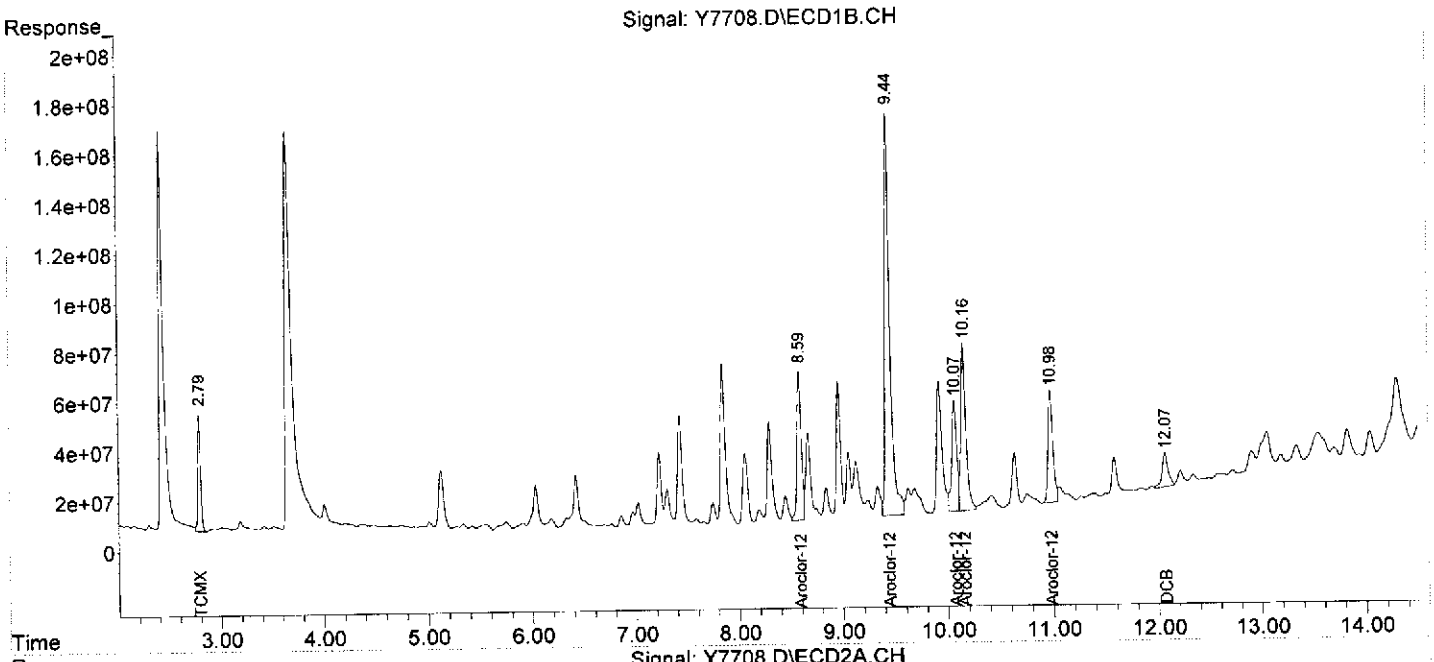
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

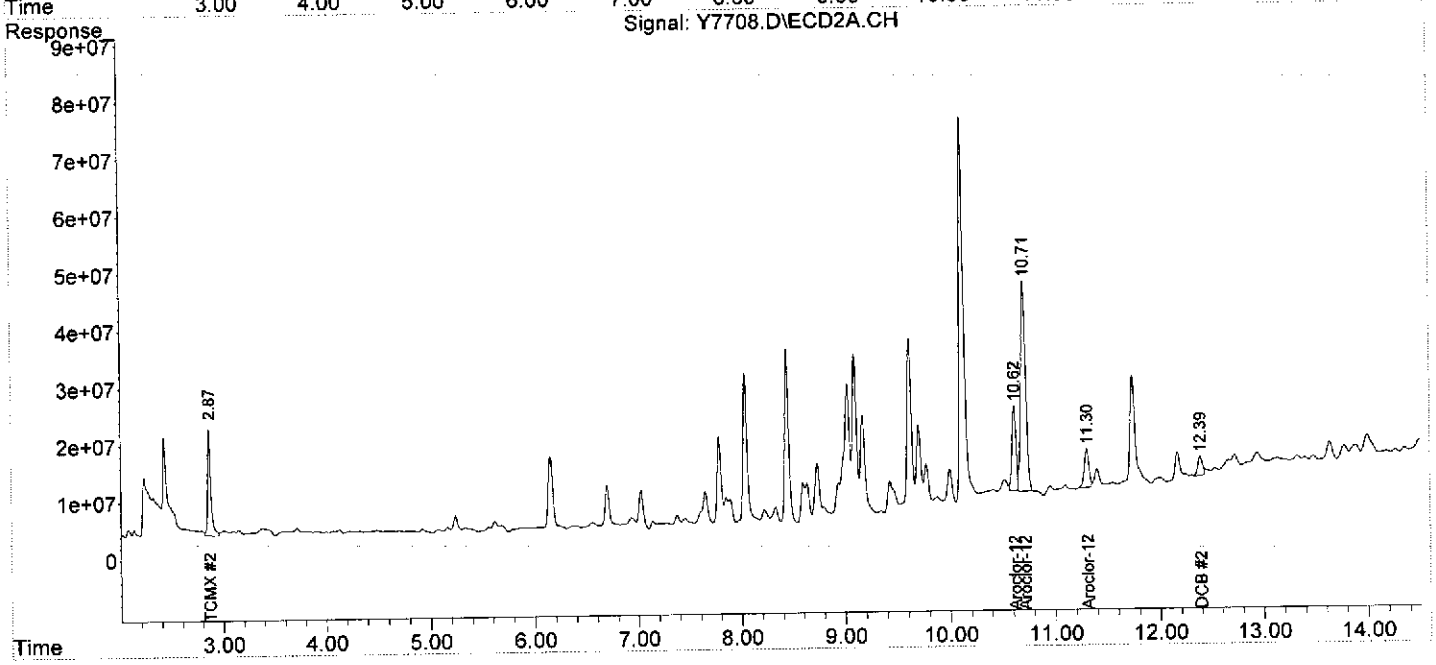
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7708.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:08
Operator : NG
Sample : DD-28N(2.0,03562-032,S,5.50g,58.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,20
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:40:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7709.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:25
Operator : NG
Sample : DD-27E(0-2,03562-033,S,5.80g,13.4,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,500
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:44:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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
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

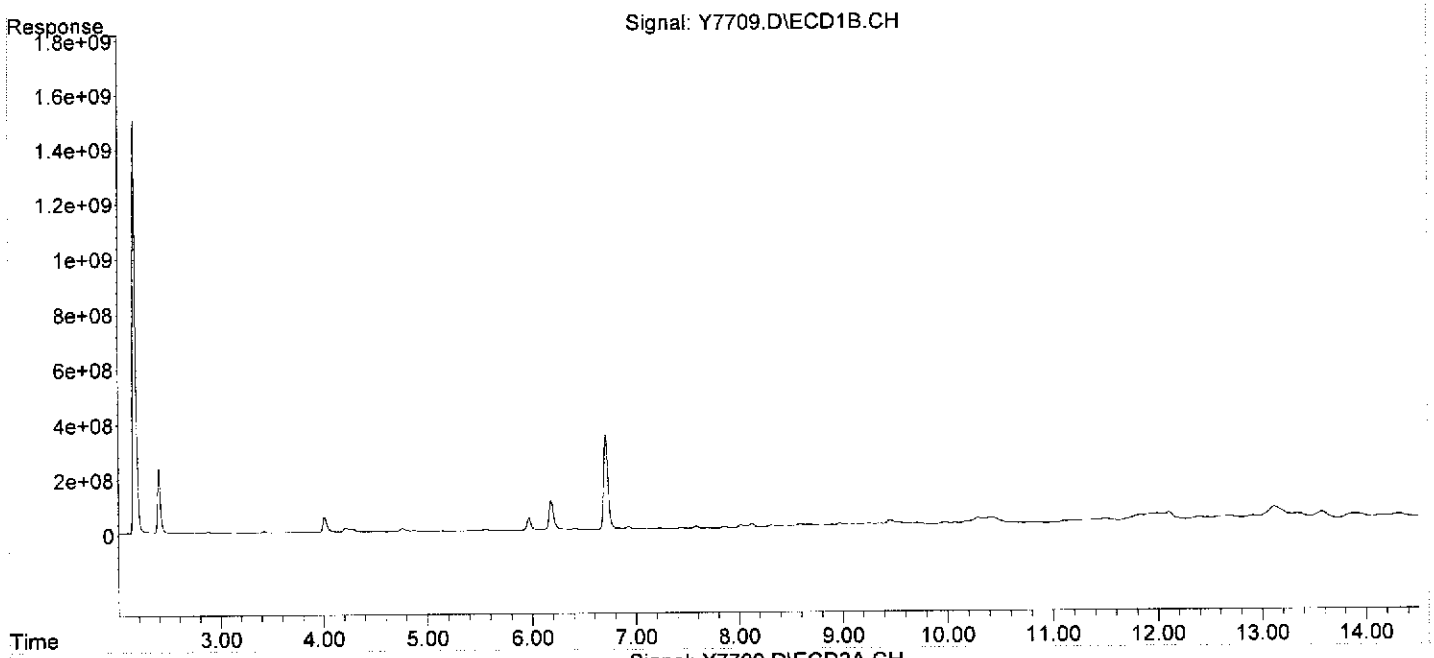
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

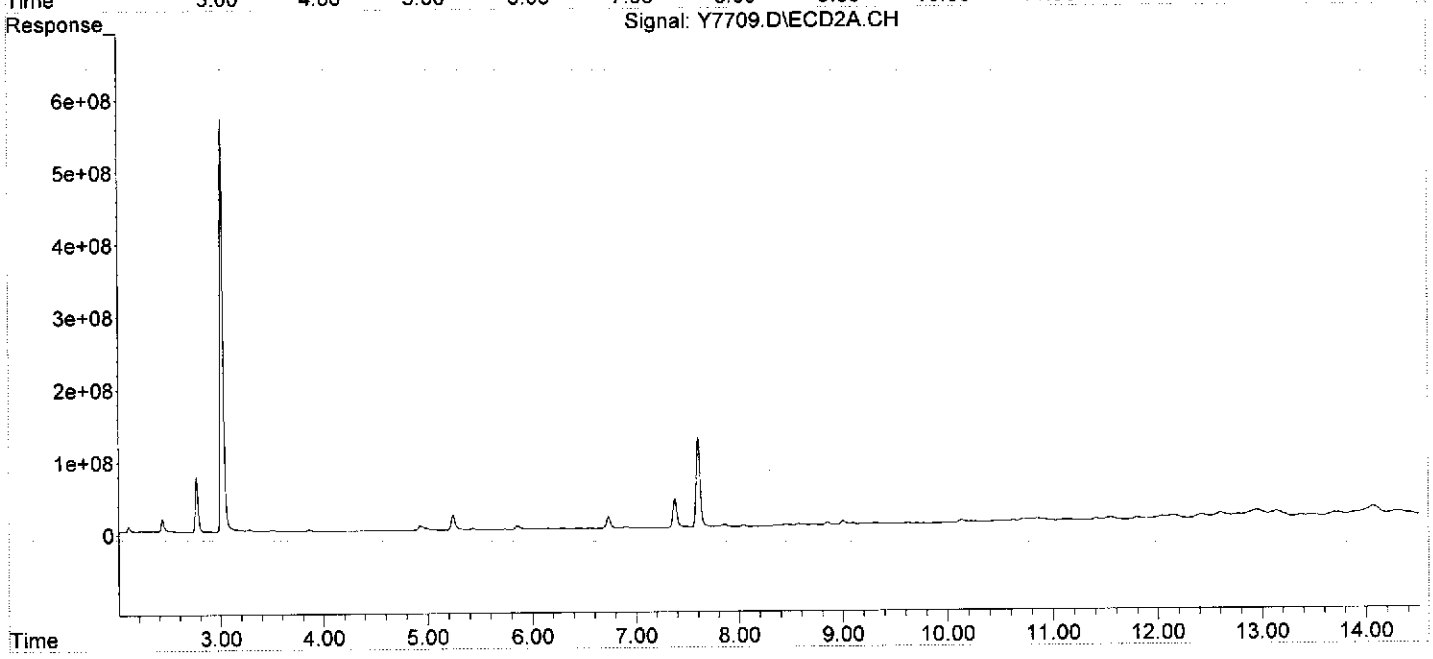
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7709.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:25
Operator : NG
Sample : DD-27E(0-2,03562-033,S,5.80g,13.4,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,500
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:44:05 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7710.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:42
Operator : NG
Sample : DD-27E(2.0,03562-034,S,5.60g,31.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:46:12 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.59	9.62	4521.1E6	1663.0E6	546.380	937.572 #
39) L9 Aroclor-1262 {2}	9.45	10.13	13014.0E6	3978.0E6	750.623	967.378m#
40) L9 Aroclor-1262 {3}	10.07	10.62	3468.6E6	787.9E6	551.611	602.300m
41) L9 Aroclor-1262 {4}	10.16	10.71	5419.2E6	2777.6E6	609.584	934.907m#
42) L9 Aroclor-1262 {5}	10.99	11.31	4149.0E6	590.2E6	704.492m	914.394m#
Sum Aroclor-1262			30571.8E6	9796.6E6	3162.690	4356.550
Average Aroclor-1262					632.538	871.310
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

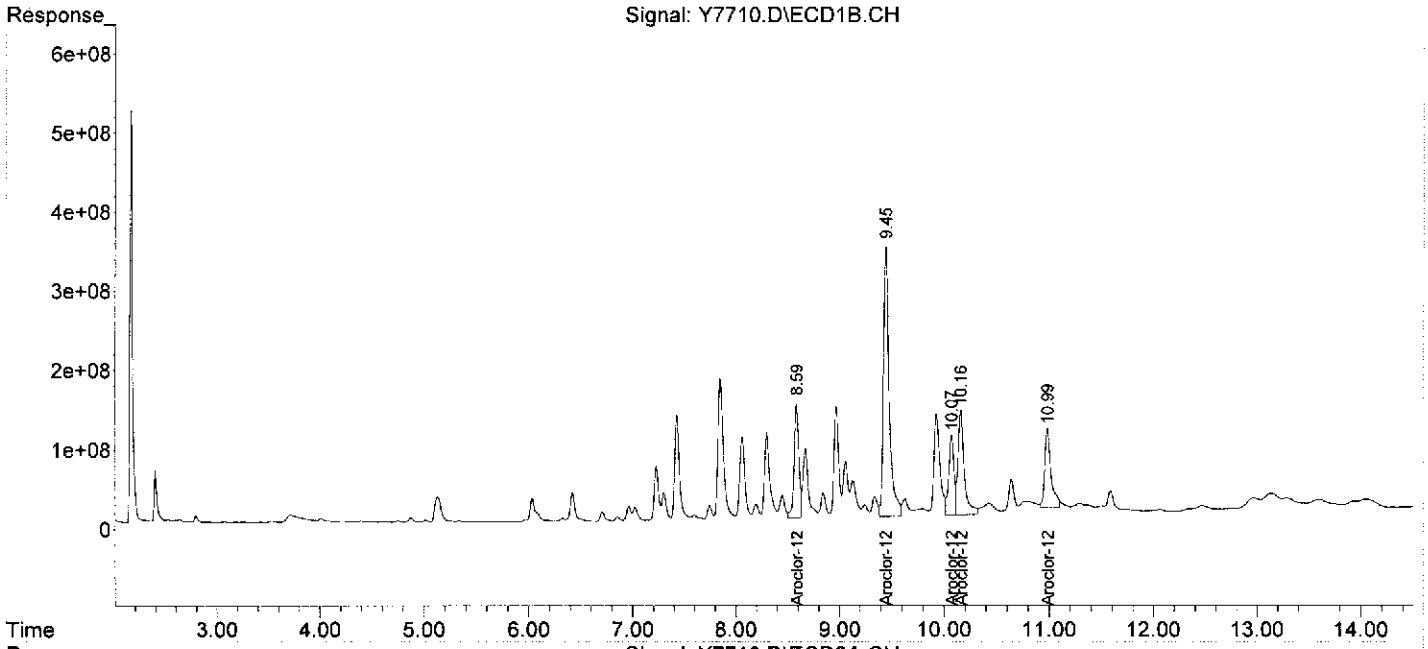
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

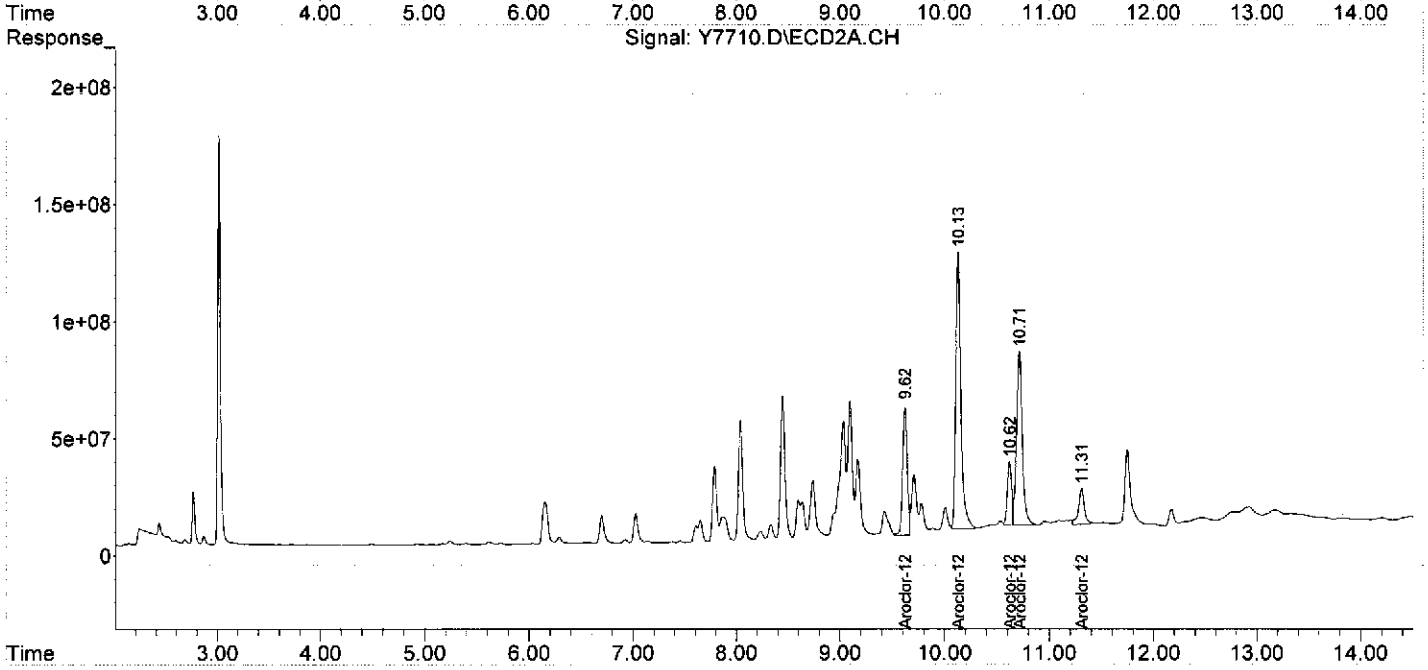
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7710.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 21:42
Operator : NG
Sample : DD-27E(2.0,03562-034,S,5.60g,31.5,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 12:46:12 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7711.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:00
Operator : NG
Sample : DD-27N(2.0,03562-035,S,5.60g,20.0,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:30:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	3999.4E6	1468.7E6	29.394	38.487 #
Spiked Amount 200.000			Recovery	=	14.70%	19.24%
2) S DCB	0.00	12.39	0	536.8E6	N.D. d	51.625m
Spiked Amount 200.000			Recovery	=	0.00%	25.81%
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	4.47	5.06	3032.9E6	1135.8E6	673.541	912.505 #
24) L6 Aroclor-1248 {2}	5.01	0.00	1452.1E6	0	533.065	N.D. d#
25) L6 Aroclor-1248 {3}	5.33	6.03	1784.0E6	904.9E6	494.403	634.738 #
26) L6 Aroclor-1248 {4}	6.03	6.18	2519.0E6	767.4E6	402.687	594.199 #
27) L6 Aroclor-1248 {5}	6.31	6.55	1509.0E6	333.3E6	382.672	489.913 #
Sum Aroclor-1248			10297.1E6	3141.5E6	2486.368	2631.354
Average Aroclor-1248					497.274	657.839
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
38) L9 Aroclor-1262	8.59	9.62	1664.5E6	373.1E6	201.160	210.351m
39) L9 Aroclor-1262 {2}	9.45	10.13	2537.6E6	781.9E6	146.367	190.131m#
40) L9 Aroclor-1262 {3}	10.07	10.62	850.4E6	239.6E6	135.238	183.132m#
41) L9 Aroclor-1262 {4}	10.16	10.71	1159.9E6	680.5E6	130.471	229.040m#
42) L9 Aroclor-1262 {5}	10.98	11.31	816.8E6	120.5E6	138.693	186.682m#
Sum Aroclor-1262			7029.3E6	2195.5E6	751.929	999.337
Average Aroclor-1262					150.386	199.867
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\04-29-13\
Data File : Y7711.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:00
Operator : NG
Sample : DD-27N(2.0,03562-035,S,5.60g,20.0,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:30:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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

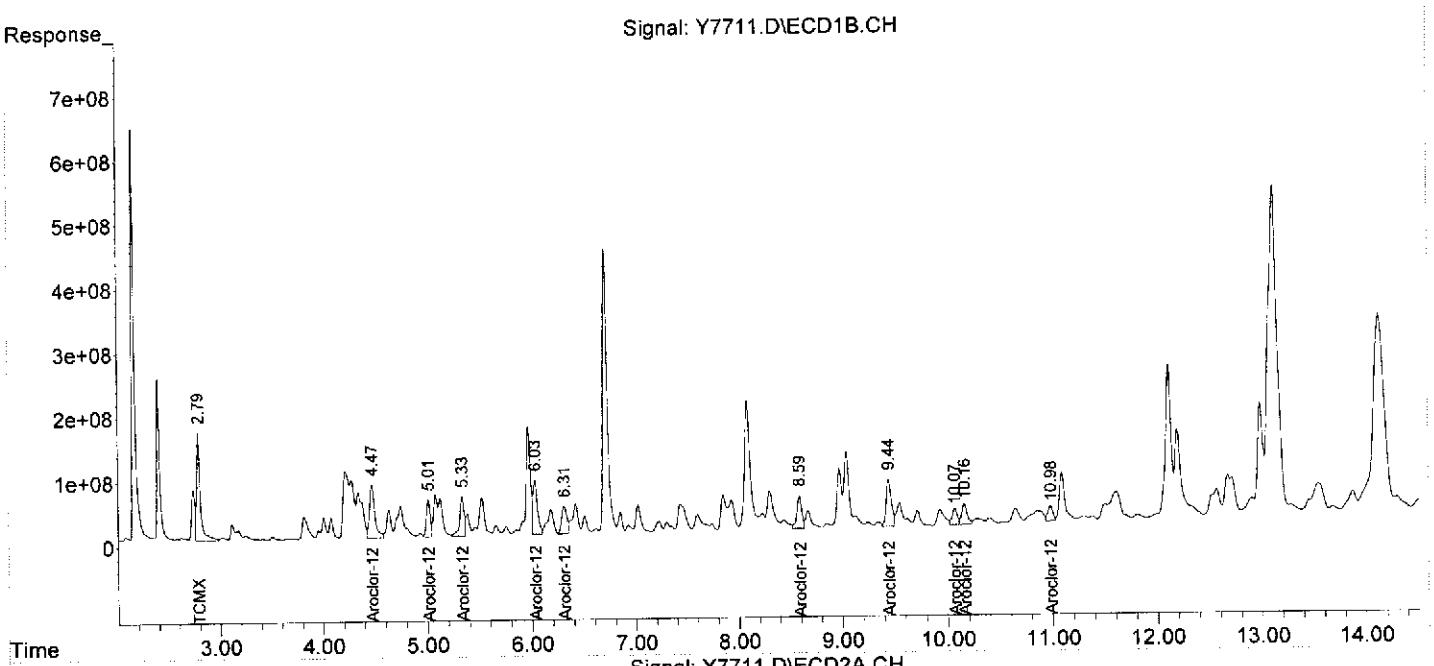
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

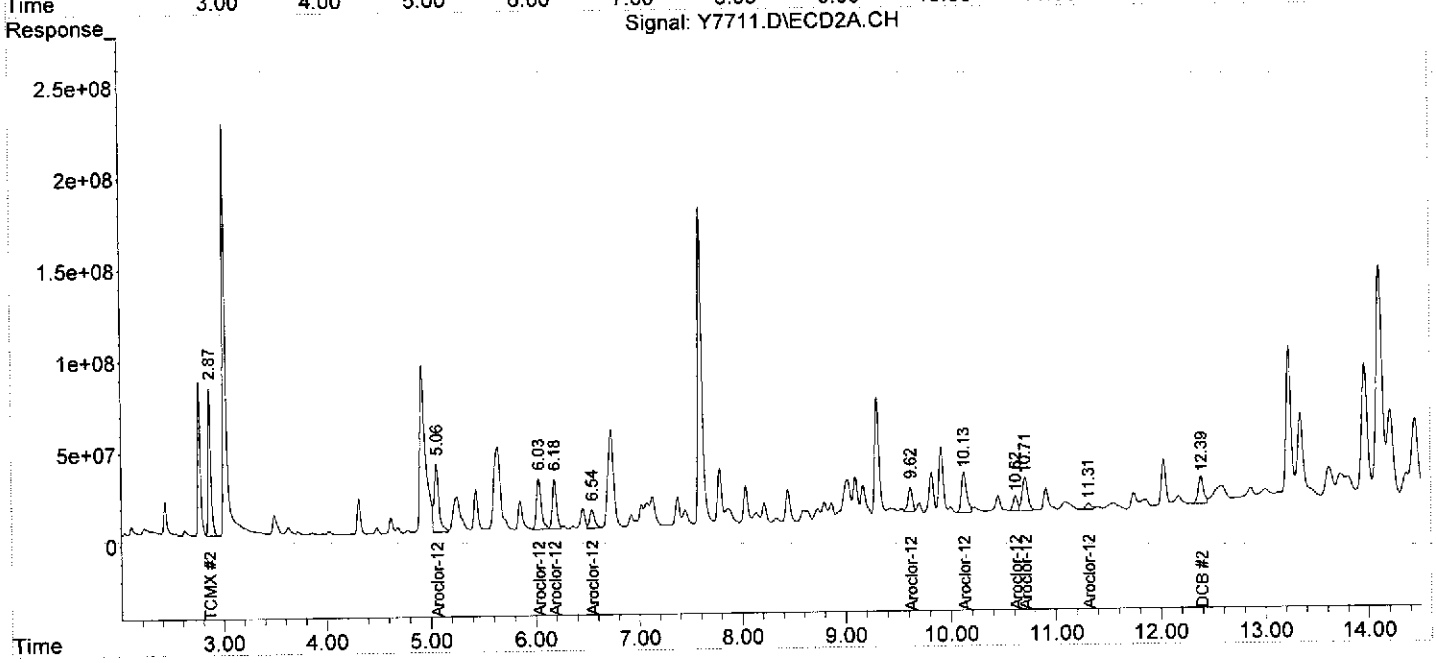
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7711.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:00
Operator : NG
Sample : DD-27N(2.0,03562-035,S,5.60g,20.0,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:30:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7712.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:17
Operator : NG
Sample : DD-27W(2.0,03562-036,S,5.50g,13.2,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:30:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	3172.2E6	1213.8E6	23.314	31.807 #
Spiked Amount 200.000			Recovery	=	11.66%	15.90%
2) S DCB	12.06	0.00	2118.8E6	0	42.566m	N.D. d#
Spiked Amount 200.000			Recovery	=	21.28%	0.00%
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	4.48	0.00	3378.5E6	0	750.273	N.D. d#
24) L6 Aroclor-1248 {2}	5.01	5.64	839.3E6	1356.9E6	308.092m	673.856 #
25) L6 Aroclor-1248 {3}	5.33	6.03	1870.9E6	1033.2E6	518.489m	724.715 #
26) L6 Aroclor-1248 {4}	6.03	6.19	2635.9E6	766.5E6	421.373m	593.498 #
27) L6 Aroclor-1248 {5}	6.31	6.54	2134.8E6	344.6E6	541.366m	506.533
Sum Aroclor-1248			10859.3E6	3501.2E6	2539.593	2498.603
Average Aroclor-1248					507.919	624.651
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

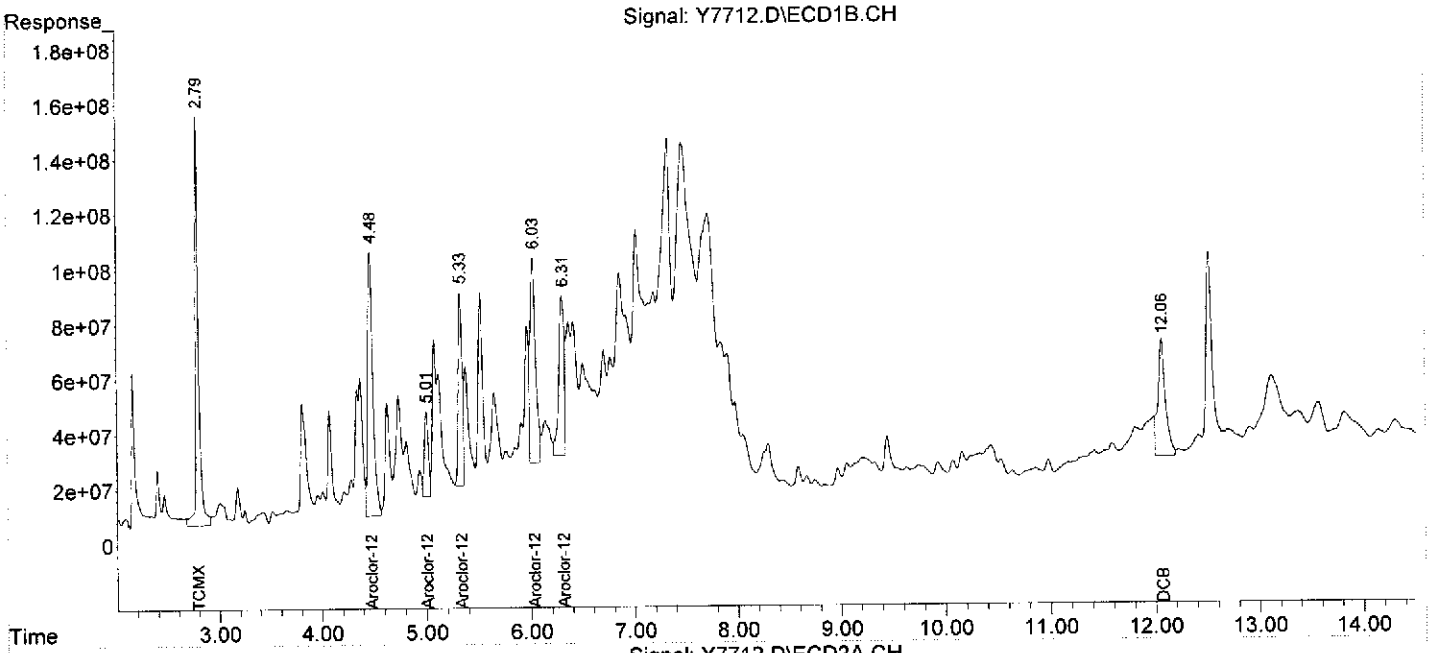
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

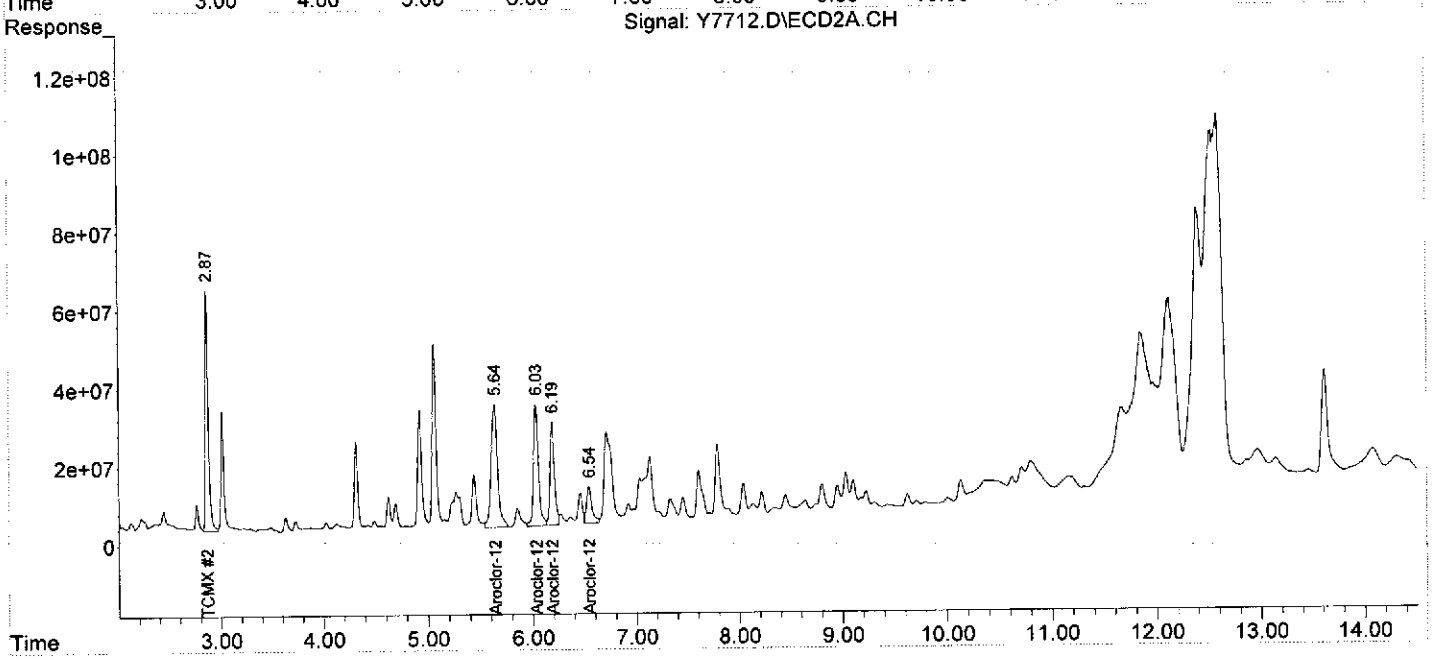
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7712.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:17
Operator : NG
Sample : DD-27W(2.0,03562-036,S,5.50g,13.2,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,5
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:30:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-29-13\
Data File : Y7713.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:34
Operator : NG
Sample : EE-30N(0-2,03562-037,S,5.60g,23.3,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,50
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:04:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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
24) L6 Aroclor-1248 {2}	5.01	5.64	1301.0E6	1385.1E6	477.588	687.861m#
25) L6 Aroclor-1248 {3}	5.33	6.03	2260.2E6	996.4E6	626.373	698.911m
26) L6 Aroclor-1248 {4}	6.03	6.19	3164.9E6	778.5E6	505.955	602.797m
27) L6 Aroclor-1248 {5}	6.31	6.54	2655.7E6	394.7E6	673.443	580.156m
Sum Aroclor-1248			9381.8E6	3554.7E6	2283.359	2569.725
Average Aroclor-1248					570.840	642.431
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

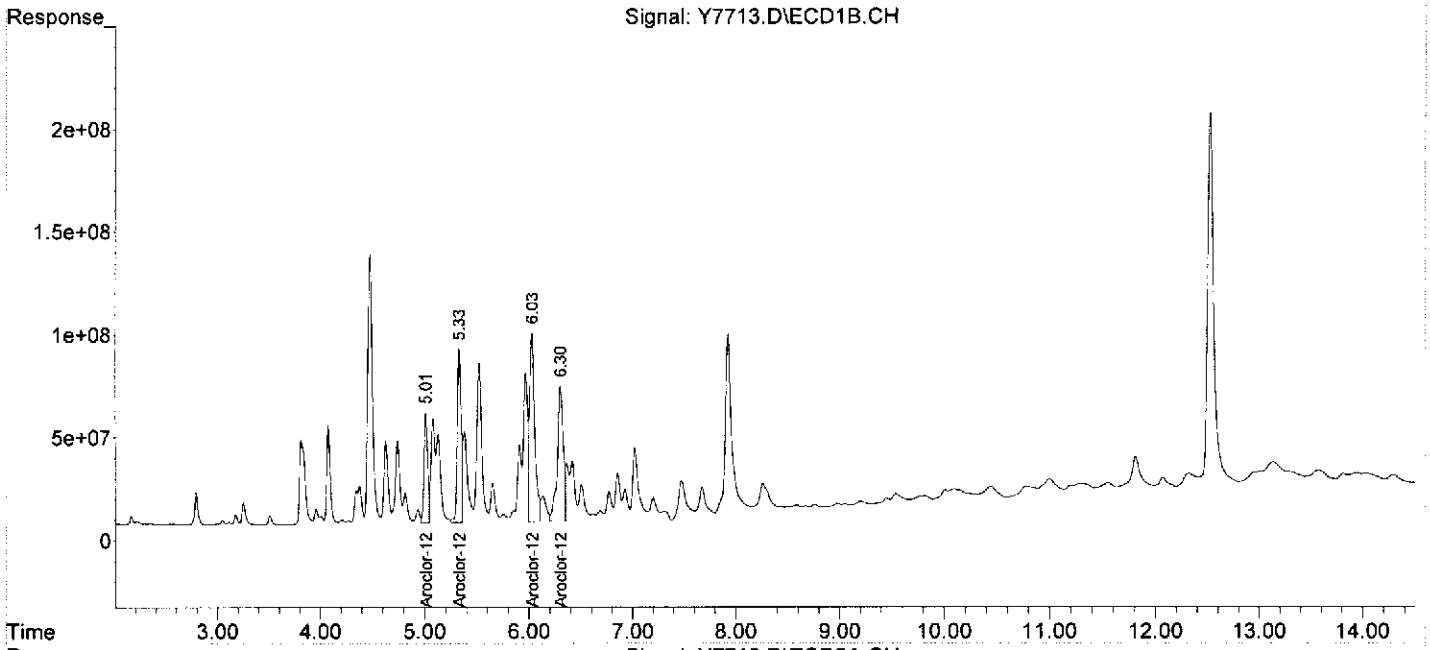
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

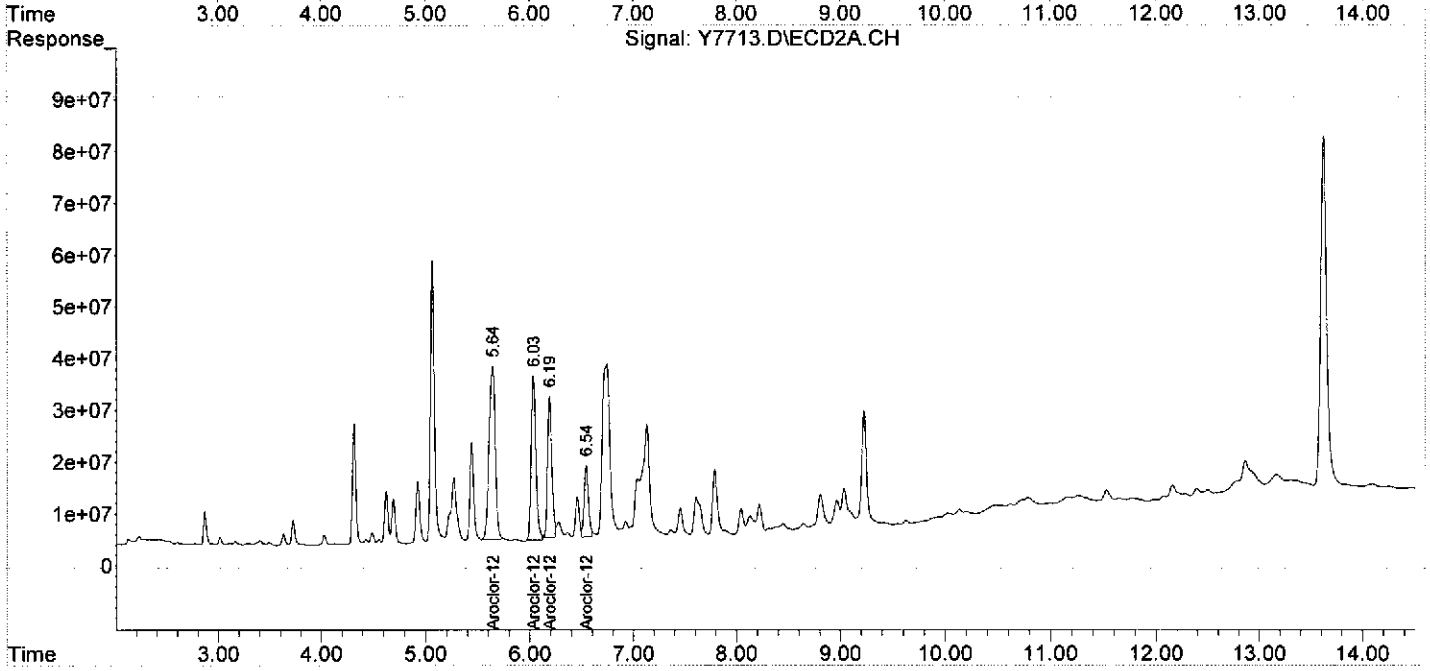
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7713.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 22:34
Operator : NG
Sample : EE-30N(0-2,03562-037,S,5.60g,23.3,04/26/13,4
Misc : 130426-15,04/18/13,04/18/13,50
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 30 13:04:39 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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\04-25-13\
Data File : Y7564.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Apr 2013 11:18
Operator : NG
Sample : FB-72,03562-038,A,1000ml,100,04/24/13,1
Misc : 130424-12,04/18/13,04/18/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 25 12:07:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	19652.1E6	6007.6E6	144.434	157.426
Spiked Amount 200.000			Recovery	=	72.22%	78.71%
2) S DCB	12.07	12.39	6876.7E6	1826.2E6	138.154	175.625 #
Spiked Amount 200.000			Recovery	=	69.08%	87.81%
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

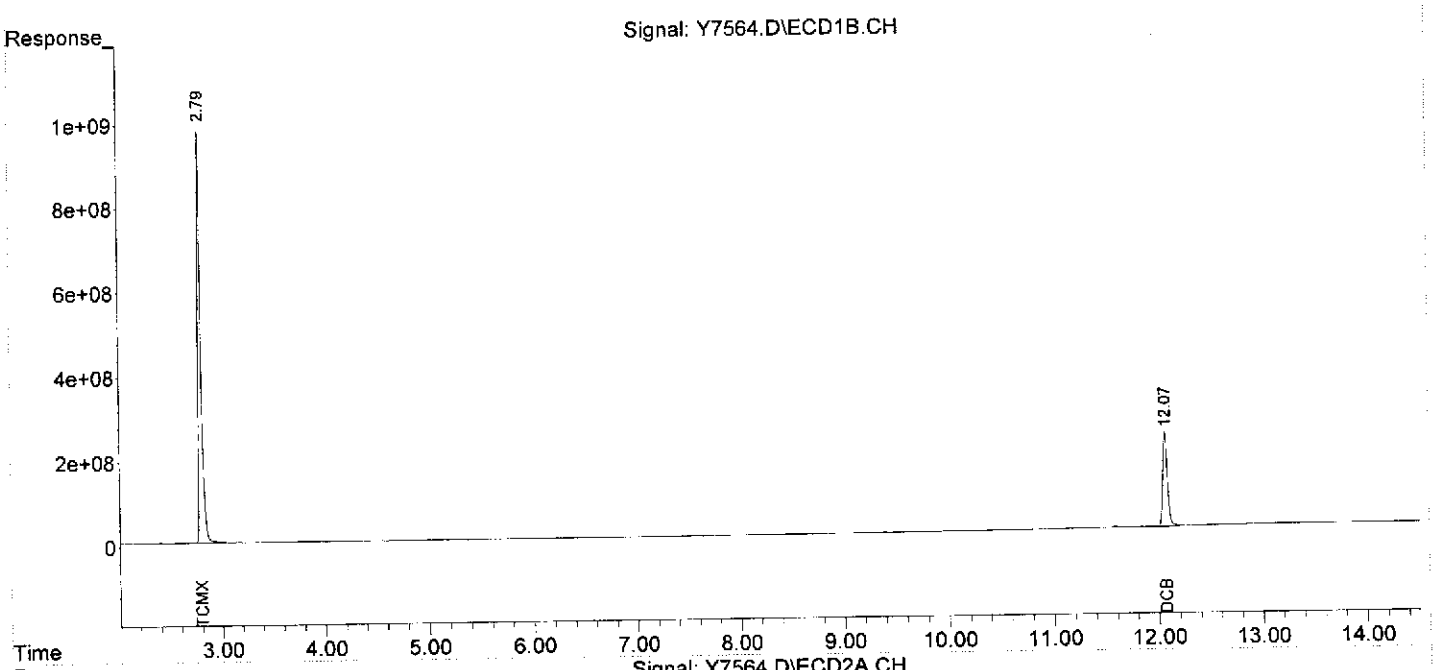
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

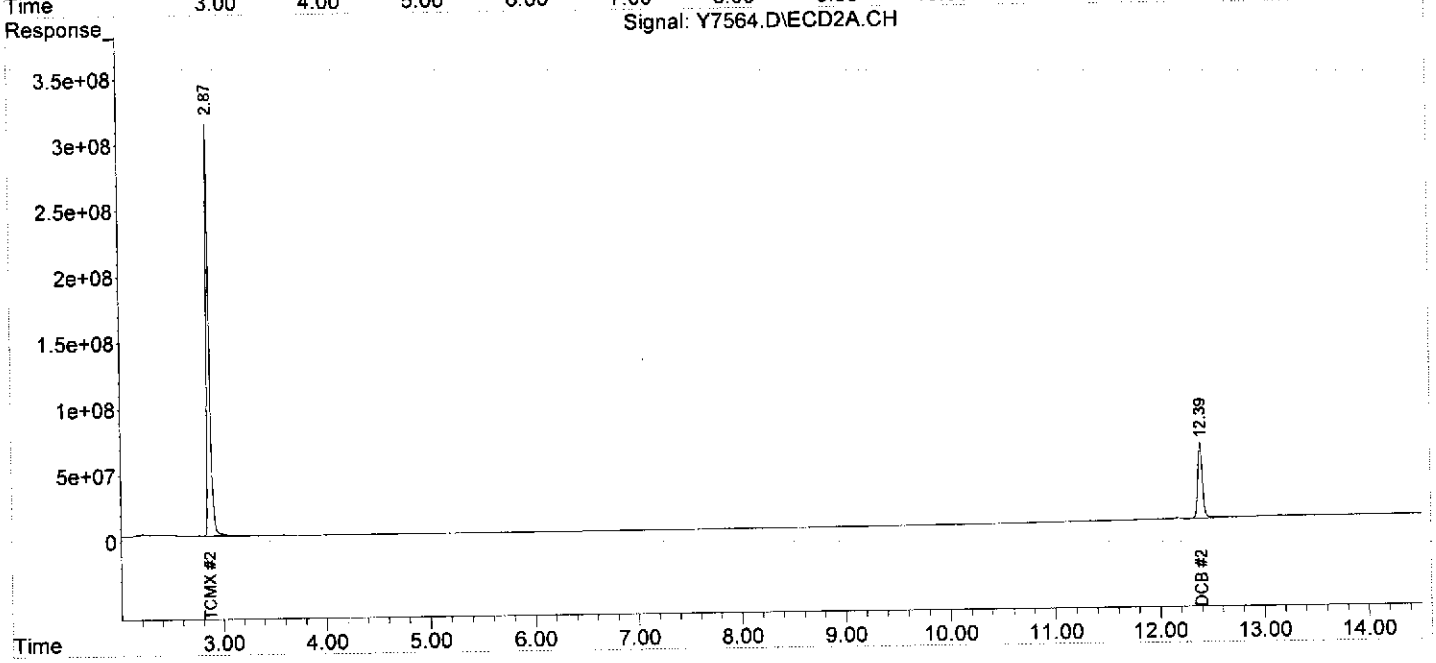
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-25-13\
Data File : Y7564.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Apr 2013 11:18
Operator : NG
Sample : FB-72,03562-038,A,1000ml,100,04/24/13,1
Misc : 130424-12,04/18/13,04/18/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 25 12:07:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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: BLKA130410-06
Client ID: PCB
Date Received: NA
Date Extracted: 04/10/2013
Date Analyzed: 04/12/2013
Data file: R8681.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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA130424-12
Client ID: PCB
Date Received: NA
Date Extracted: 04/24/2013
Date Analyzed: 04/25/2013
Data file: Y7561.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\04-12-13\
Data File : R8681.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 11:47
Operator : JS
Sample : PCB,BLKA130410-06,A,1000ml,100,04/10/13,1
Misc : NA,NA,NA,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 16:37:25 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Thu Apr 11 11:30:50 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	1751.8E6	1829.3E6	147.784	157.333
Spiked Amount 200.000			Recovery	=	73.89%	78.67%
2) S DCB	12.10	12.04	506.4E6	586.2E6	161.966	190.784
Spiked Amount 200.000			Recovery	=	80.98%	95.39%
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

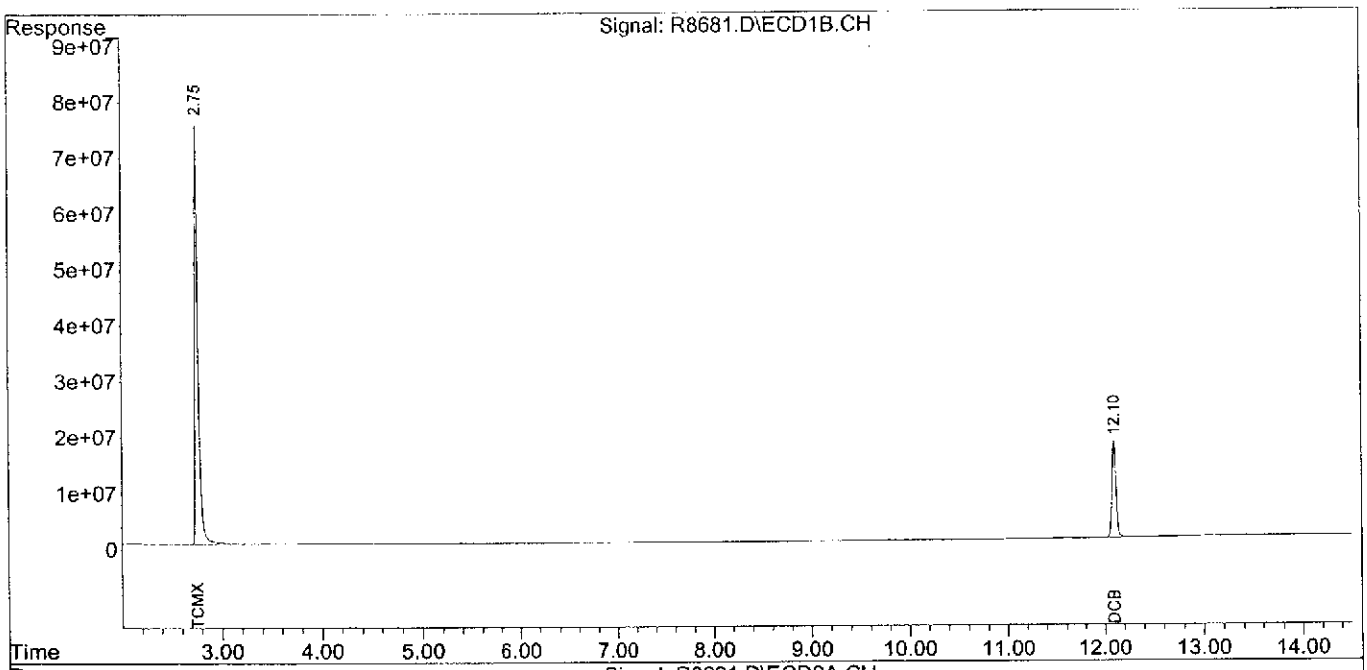
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

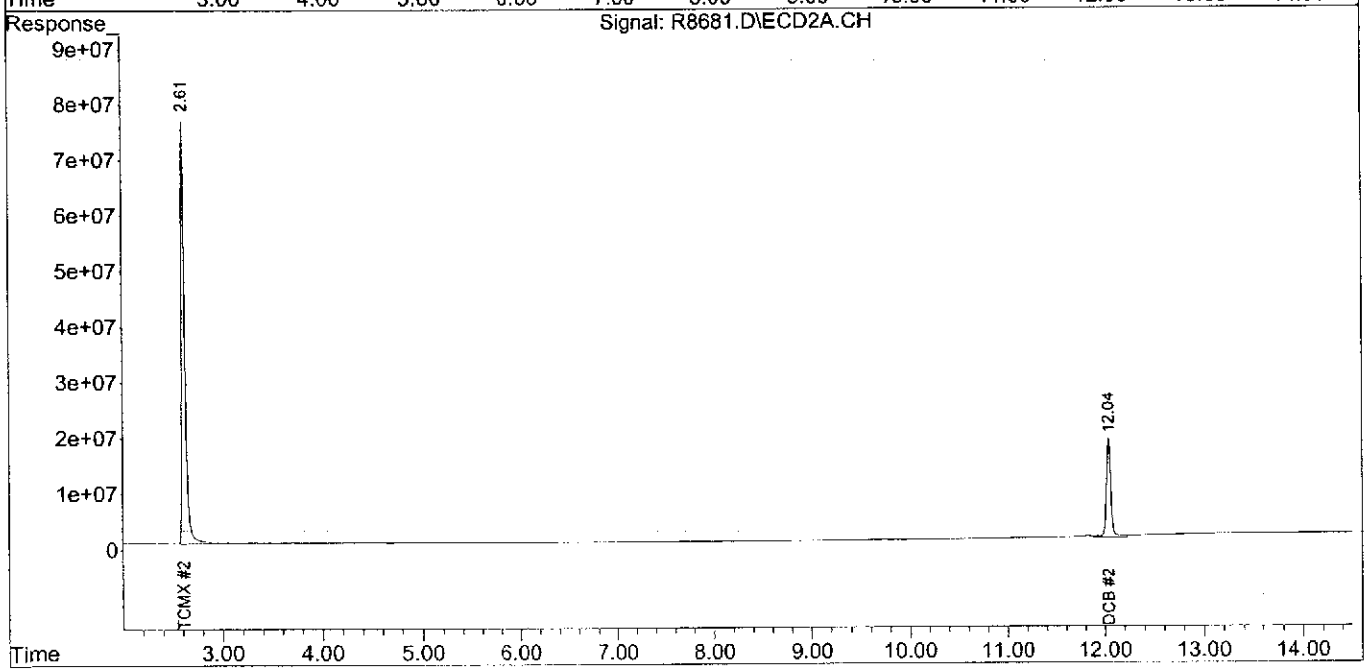
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8681.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 11:47
Operator : JS
Sample : PCB,BLKA130410-06,A,1000ml,100,04/10/13,1
Misc : NA,NA,NA,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 16:37:25 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Thu Apr 11 11:30:50 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\04-25-13\
Data File : Y7561.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Apr 2013 10:26
Operator : NG
Sample : PCB,BLKA130424-12,A,1000ml,100,04/24/13,1
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: Apr 25 12:00:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	21242.7E6	6326.7E6	156.123	165.787
Spiked Amount 200.000			Recovery	=	78.06%	82.89%
2) S DCB	12.06	12.39	6836.5E6	1770.1E6	137.346	170.229
Spiked Amount 200.000			Recovery	=	68.67%	85.11%
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

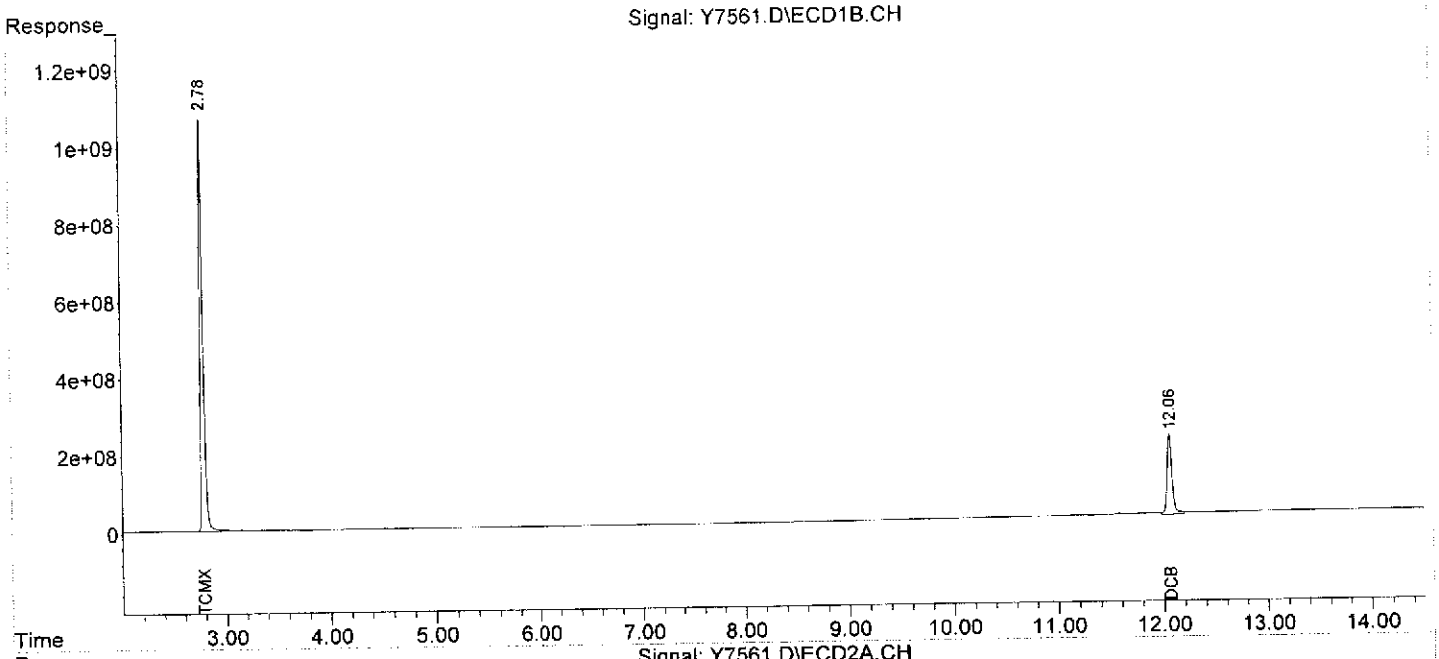
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

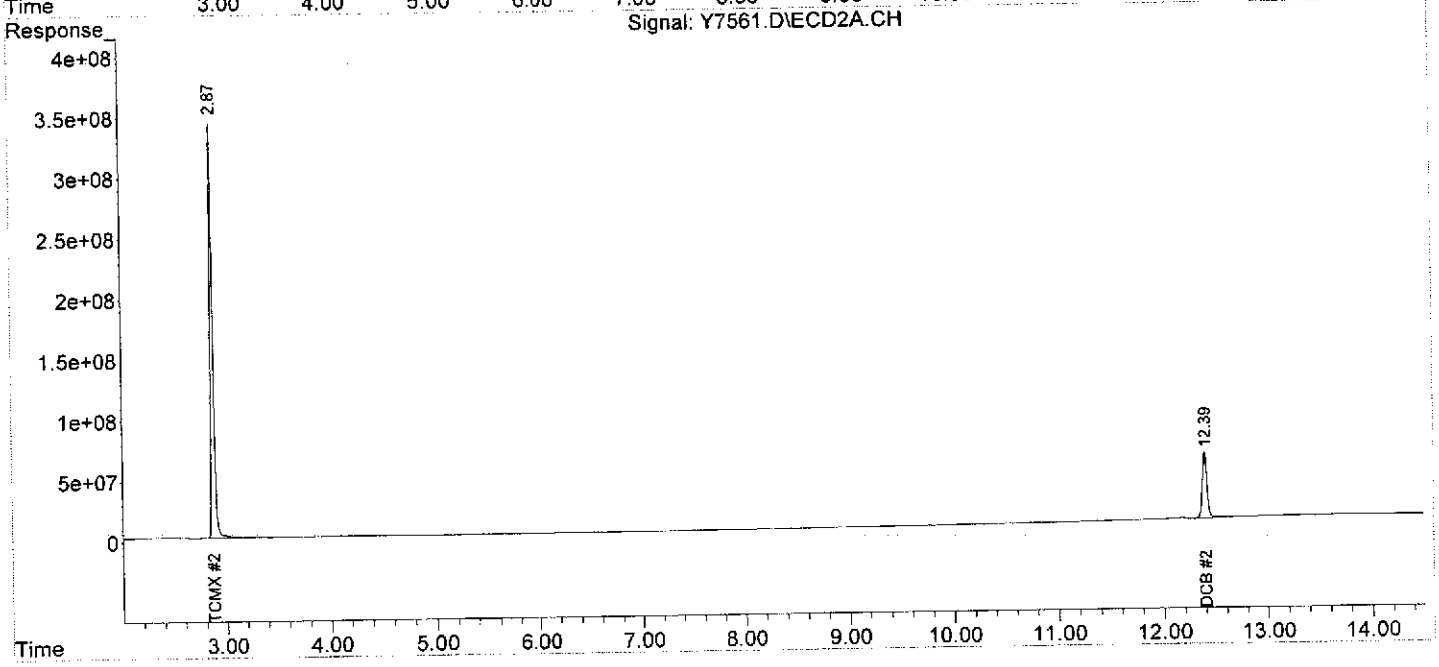
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-25-13\
Data File : Y7561.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 25 Apr 2013 10:26
Operator : NG
Sample : PCB,BLKA130424-12,A,1000ml,100,04/24/13,1
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: Apr 25 12:00:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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: BLKS130426-15
Client ID: PCB
Date Received: NA
Date Extracted: 04/26/2013
Date Analyzed: 04/29/2013
Data file: Y7690.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\04-29-13\
Data File : Y7690.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 15:59
Operator : NG
Sample : PCB,BLKS130426-15,S,5.00g,0,04/26/13,4
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: Apr 30 10:37:26 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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	2.79	2.87	19730.3E6	6923.5E6	145.008	181.426 #
Spiked Amount 200.000			Recovery	=	72.50%	90.71%
2) S DCB	12.06	12.39	6518.8E6	1889.4E6	130.962	181.702 #
Spiked Amount 200.000			Recovery	=	65.48%	90.85%
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

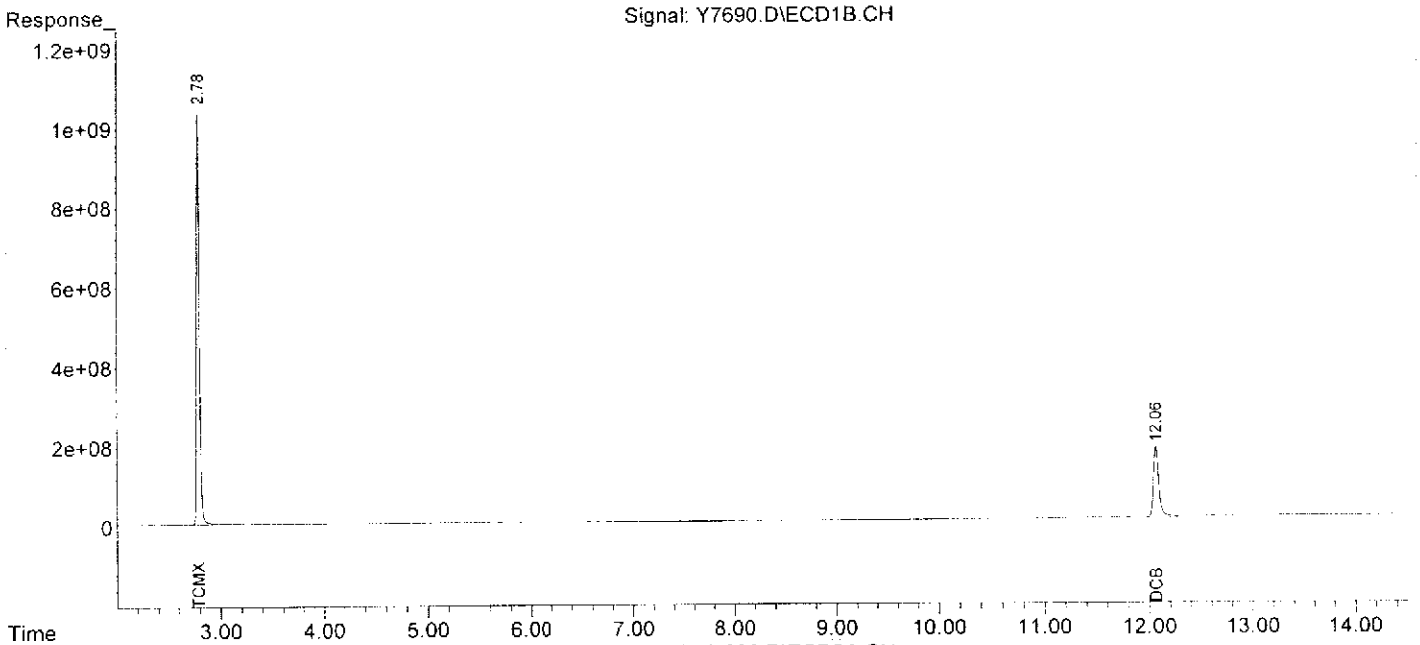
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

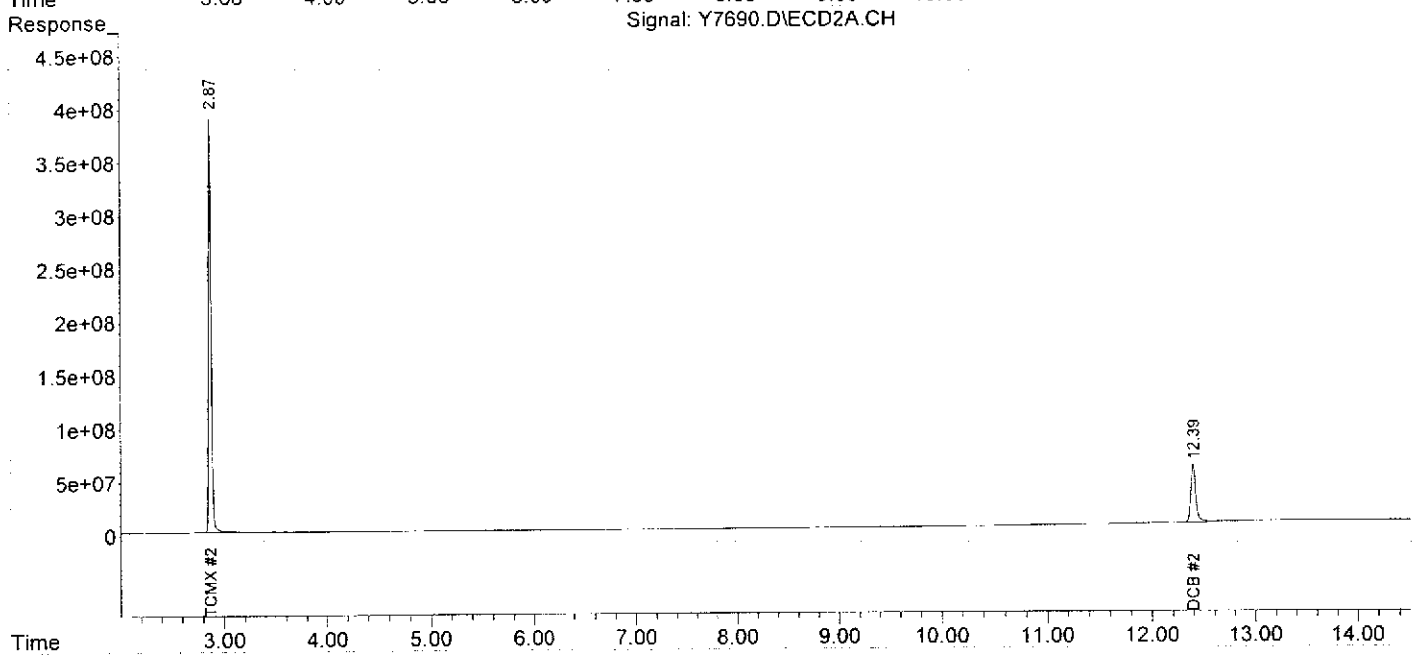
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : Y7690.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 29 Apr 2013 15:59
Operator : NG
Sample : PCB,BLKS130426-15,S,5.00g,0,04/26/13,4
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: Apr 30 10:37:26 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0417.M
Quant Title :
QLast Update : Thu Apr 18 09:23:28 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: BLKS130426-14
Client ID: PCB
Date Received: NA
Date Extracted: 04/26/2013
Date Analyzed: 04/30/2013
Data file: R9320.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\04-29-13\
Data File : R9320.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 4:50
Operator : JS
Sample : PCB,BLKS130426-14,S,5.00g,0,04/26/13,4
Misc : NA,NA,NA,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:08:46 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	2520.0E6	2749.5E6	186.924	181.574
Spiked Amount 200.000			Recovery	=	93.46%	90.79%
2) S DCB	12.10	12.02	724.3E6	843.2E6	237.953	243.924
Spiked Amount 200.000			Recovery	=	118.98%	121.96%
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

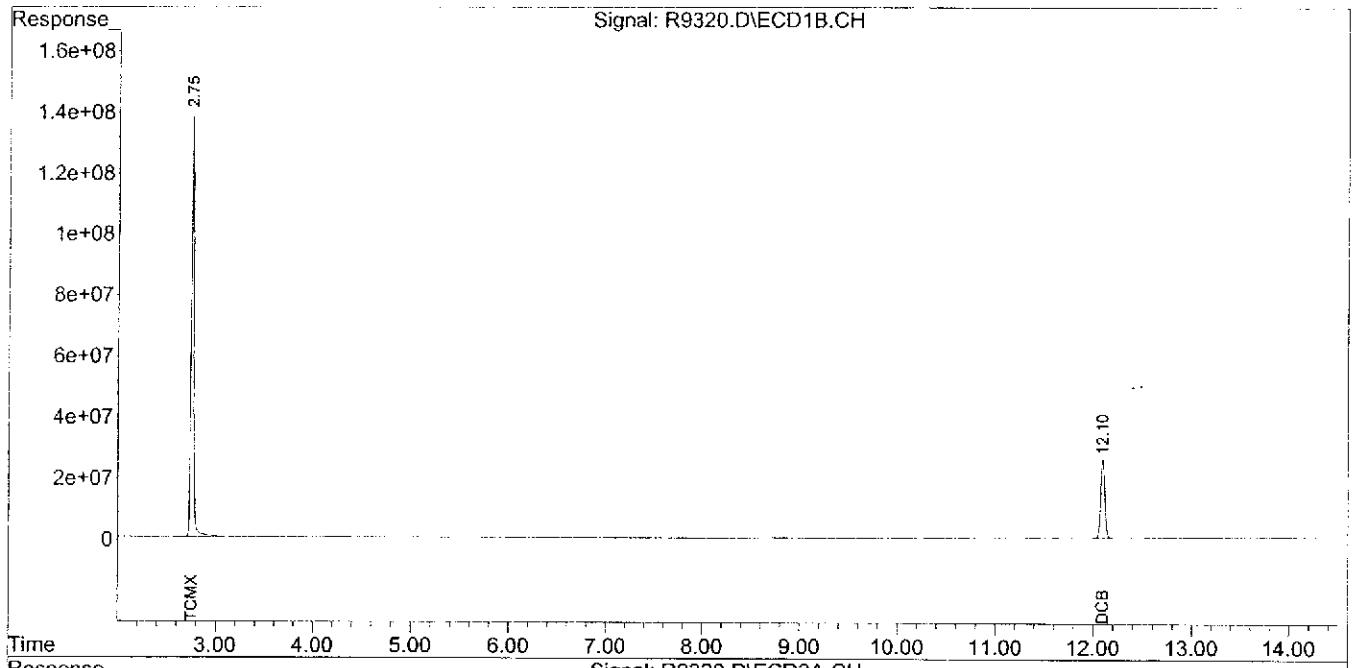
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

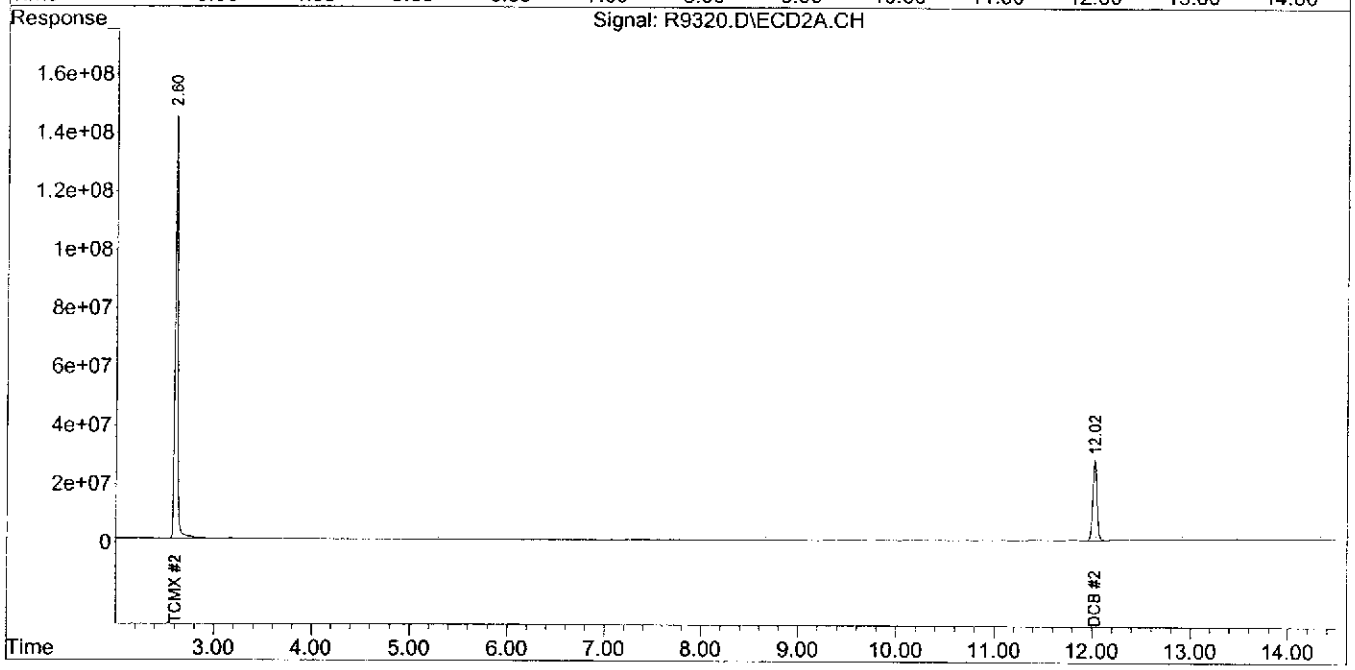
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-29-13\
Data File : R9320.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Apr 2013 4:50
Operator : JS
Sample : PCB,BLKS130426-14,S,5.00g,0,04/26/13,4
Misc : NA,NA,NA,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 15:08:46 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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
273 Franklin Rd
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)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

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: 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

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___°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	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
P-19N (0-2.0)		4/18/13	9:00	S	1	1	X						
P-19N (20-40)			9:01	S	1	2	X						
P-19N (40-50)			9:02	S	1	3	X						
P-19N (50-60)			9:03	S	1	4	X						
P-20S (0-2.0)			9:14	S	1	5	X						
Q-12E (0-2.0)			9:52	S	1	6	X						
Q-12E (4.0-6.0)			9:53	S	1	7	X						
Q-12S (0-2.0)			10:11	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:	4/18/13		Received by:	4/18/13	1530
Relinquished by:	4/18/13	1701	Received by:	4/18/13	1701
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 03562

PAGE: 1 of 5

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IAL Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
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)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

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: 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

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: SRF 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	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
Q-12S (2.0-4.0)		4/18/13	10:12	S	1	9	x						
Q-12S (4.0-6.0)			10:13	S	1	10	x						
Q-12W (0-2.0)			10:35	S	1	11	x						
Q-12W (2.0-4.0)			10:36	S	1	12	x						
Q-12W (4.0-6.0)			10:37	S	1	13	x						
Q-12N (0-2.0)			11:07	S	1	14	x						
Q-12N (2.0-4.0)			11:08	S	1	15	x						
Q-12N (4.0-6.0)			11:09	S	1	16	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:	4/18/13		Received by:	4/18/13	1572
Relinquished by:	4/18/13	1701	Received by:	4/18/13	1701
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 03562

PAGE: 2 of 5

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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)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

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: 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

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 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	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
X-14W (0-2.0)		4/18/13	11:27	S	1	17	x						
X-14S (0-2.0)			11:39	S	1	18	x						
X-14E (0-2.0)			11:55	S	1	19	x						
Y-15N (0-2.0)			12:07	S	1	20	x						
X-13E (0-2.0)			12:21	S	1	21	x						
X-13N (0-2.0)			12:35	S	1	22	x						
DD-28S (1.0-2.0)			1:18	S	1	23	x						
DD-28S (2.0-4.0)			1:19	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)

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:		4/18/13		Received by:		4/18/13	1530
Relinquished by:		4/18/13		Received by:		4/18/13	1701
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 03562

PAGE: 3 of 5

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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)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

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: 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

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
DD-28S (4.0-5.0)		4/18/13	1:20	S	1	25	x						
DD-28S (5.0-6.0)			1:21	S	1	26	x						
DD-29W (2.0-4.0)			1:43	S	1	27	x						
DD-29W (4.0-6.0)			1:44	S	1	28	x						
DD-28W (0-2.0)			2:00	S	1	29	x						
DD-28W (2.0-4.0)			2:01	S	1	30	x						
DD-28N (0-2.0)			2:21	S	1	31	x						
DD-28N (2.0-4.0)			2:22	S	1	32	x						

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

MDL Req: GWQS (11/05) - SRS - SRS/GW - 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:		4/18/13		Received by:		4/18/13	1570
Relinquished by:		4/18/13	1701	Received by:		4/18/13	1701
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 03562

PAGE: 4 of 5

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0204

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10/2010 rev

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
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)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

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: 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

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 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	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
DD-27E (0-2.0)		4/18/13	2:36	S	1	33	X						
DD-27E (2.0-4.0)			2:37	S	1	34	X						
DD-27N (2.0-4.0)			2:55	S	1	35	X						
DD-27W (2.0-4.0)			3:05	S	1	36	X						
EE-30N (0-2.0)			3:17	S	1	37	X						
FB-72			3:22	AQ	2	38	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)

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:	4/18/13		Received by:	4/18/13	1530
Relinquished by:	4/18/13	1724	Received by:	4/18/13	1701
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 03562

PAGE: 5 of 5

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PROJECT INFORMATION

E13-03562

Case No. E13-03562 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	22126
Contact	Jim Clabby	**Received**	4/18/2013 17:01
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.com; dbosch@jmcenvironmental.com	**Verbal Due**	5/3/2013
Phone	(732) 295-2144 **Fax** (732) 295-2150	**Report Due**	5/10/2013
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
03562-001	P-19N(0-2.0)	0 / 2.0	4/18/2013@09:00	Soil	mg/Kg	1
03562-002	P-19N(2.0-4.0)	2.0 / 4.0	4/18/2013@09:01	Soil	mg/Kg	1
03562-003	P-19N(4.0-5.0)	4.0 / 5.0	4/18/2013@09:02	Soil	mg/Kg	1
03562-004	P-19N(5.0-6.0)	5.0 / 6.0	4/18/2013@09:03	Soil	mg/Kg	1
03562-005	P-20S(0-2.0)	0 / 2.0	4/18/2013@09:14	Soil	mg/Kg	1
03562-006	Q-12E(0-2.0)	0 / 2.0	4/18/2013@09:52	Soil	mg/Kg	1
03562-007	Q-12E(4.0-6.0)	4.0 / 6.0	4/18/2013@09:53	Soil	mg/Kg	1
03562-008	Q-12S(0-2.0)	0 / 2.0	4/18/2013@10:11	Soil	mg/Kg	1
03562-009	Q-12S(2.0-4.0)	2.0 / 4.0	4/18/2013@10:12	Soil	mg/Kg	1
03562-010	Q-12S(4.0-6.0)	4.0 / 6.0	4/18/2013@10:13	Soil	mg/Kg	1
03562-011	Q-12W(0-2.0)	0 / 2.0	4/18/2013@10:35	Soil	mg/Kg	1
03562-012	Q-12W(2.0-4.0)	2.0 / 4.0	4/18/2013@10:36	Soil	mg/Kg	1
03562-013	Q-12W(4.0-6.0)	4.0 / 6.0	4/18/2013@10:37	Soil	mg/Kg	1
03562-014	Q-12N(0-2.0)	0 / 2.0	4/18/2013@11:07	Soil	mg/Kg	1
03562-015	Q-12N(2.0-4.0)	2.0 / 4.0	4/18/2013@11:08	Soil	mg/Kg	1
03562-016	Q-12N(4.0-6.0)	4.0 / 6.0	4/18/2013@11:09	Soil	mg/Kg	1
03562-017	X-14W(0-2.0)	0 / 2.0	4/18/2013@11:27	Soil	mg/Kg	1
03562-018	X-14S(0-2.0)	0 / 2.0	4/18/2013@11:39	Soil	mg/Kg	1
03562-019	X-14E(0-2.0)	0 / 2.0	4/18/2013@11:55	Soil	mg/Kg	1
03562-020	X-15N(0-2.0)	0 / 2.0	4/18/2013@12:07	Soil	mg/Kg	1
03562-021	X-13E(0-2.0)	0 / 2.0	4/18/2013@12:21	Soil	mg/Kg	1
03562-022	X-13N(0-2.0)	0 / 2.0	4/18/2013@12:35	Soil	mg/Kg	1
03562-023	DD-28S(1.0-2.0)	1.0 / 2.0	4/18/2013@13:18	Soil	mg/Kg	1
03562-024	DD-28S(2.0-4.0)	2.0 / 4.0	4/18/2013@13:19	Soil	mg/Kg	1
03562-025	DD-28S(4.0-5.0)	4.0 / 5.0	4/18/2013@13:20	Soil	mg/Kg	1
03562-026	DD-28S(5.0-6.0)	5.0 / 6.0	4/18/2013@13:21	Soil	mg/Kg	1
03562-027	DD-29W(2.0-4.0)	2.0 / 4.0	4/18/2013@13:43	Soil	mg/Kg	1
03562-028	DD-29W(4.0-6.0)	4.0 / 6.0	4/18/2013@13:44	Soil	mg/Kg	1
03562-029	DD-28W(0-2.0)	0 / 2.0	4/18/2013@14:00	Soil	mg/Kg	1

PROJECT INFORMATION

E13-03562

Case No. E13-03562 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03562-030	DD-28W(2.0-4.0)	2.0 / 4.0	4/18/2013@14:01	Soil	mg/Kg	1
03562-031	DD-28N(0-2.0)	0 / 2.0	4/18/2013@14:21	Soil	mg/Kg	1
03562-032	DD-28N(2.0-4.0)	2.0 / 4.0	4/18/2013@14:22	Soil	mg/Kg	1
03562-033	DD-27E(0-2.0)	0 / 2.0	4/18/2013@14:36	Soil	mg/Kg	1
03562-034	DD-27E(2.0-4.0)	2.0 / 4.0	4/18/2013@14:37	Soil	mg/Kg	1
03562-035	DD-27N(2.0-4.0)	2.0 / 4.0	4/18/2013@14:55	Soil	mg/Kg	1
03562-036	DD-27W(2.0-4.0)	2.0 / 4.0	4/18/2013@15:05	Soil	mg/Kg	1
03562-037	EE-30N(0-2.0)	0 / 2.0	4/18/2013@15:17	Soil	mg/Kg	1
03562-038	FB-72	n/a	4/18/2013@15:22	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	Run	8082
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082
007	TCL PCB	Run	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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PROJECT INFORMATION

E13-03562

Case No. E13-03562 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
037	TCL PCB	Run	8082
038	TCL PCB	Run	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 13** **03562** 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 4/18/13

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 ES DATE 4/19

Laboratory Custody Chronicle

IAL Case No. E13-03562

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/18/2013@17:01

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	03562-001	Soil	4/26/13	Archimede	5/ 1/13	Justyna
"	-002	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-003	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-004	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-005	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-006	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-007	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-008	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-009	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-010	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-011	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-012	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-013	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-014	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-015	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-016	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-017	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-018	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-019	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-020	"	4/26/13	Archimede	5/ 1/13	Justyna
"	-021	"	4/26/13	Archimede	4/29/13	Justyna
"	-022	"	4/26/13	Archimede	4/29/13	Justyna
"	-023	"	4/26/13	Archimede	4/29/13	Justyna
"	-024	"	4/26/13	Archimede	4/29/13	Justyna
"	-025	"	4/26/13	Archimede	4/29/13	Justyna
"	-026	"	4/26/13	Archimede	4/29/13	Justyna
"	-027	"	4/26/13	Archimede	4/29/13	Justyna
"	-028	"	4/26/13	Archimede	4/29/13	Justyna
"	-029	"	4/26/13	Archimede	4/29/13	Justyna
"	-030	"	4/26/13	Archimede	4/29/13	Justyna
"	-031	"	4/26/13	Archimede	4/29/13	Justyna
"	-032	"	4/26/13	Archimede	4/29/13	Justyna
"	-033	"	4/26/13	Archimede	4/29/13	Justyna
"	-034	"	4/26/13	Archimede	4/29/13	Justyna
"	-035	"	4/26/13	Archimede	4/29/13	Justyna
"	-036	"	4/26/13	Archimede	4/29/13	Justyna
"	-037	"	4/26/13	Archimede	4/29/13	Justyna
"	-038	Aqueous	4/24/13	Archimede	4/25/13	Justyna

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

REVISED
SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03562

Lab ID:	03562-009			03562-010			03562-011			03562-012		
Client ID:	Q-12S(2.0-4.0)			Q-12S(4.0-6.0)			Q-12W(0-2.0)			Q-12W(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	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1221	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1232	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1242	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1248	0.193		0.017	215		1.20	47.3		0.342	17.4		0.307
Aroclor-1254	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1260	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1262	ND		0.017	ND		1.20	ND		0.342	ND		0.307
Aroclor-1268	ND		0.017	ND		1.20	ND		0.342	ND		0.307
PCBs	0.193		0.017	215		1.20	47.3		0.342	17.4		0.307

Lab ID:	03562-013			03562-014			03562-015			03562-016		
Client ID:	Q-12W(4.0-6.0)			Q-12N(0-2.0)			Q-12N(2.0-4.0)			Q-12N(4.0-6.0)		
Depth:	4.0/6.0			0/2.0			2.0/4.0			4.0/6.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1221	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1232	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1242	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1248	10.7		0.105	10.5		0.425	5.45		0.039	7300		73.5
Aroclor-1254	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1260	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1262	ND		0.105	ND		0.425	ND		0.039	ND		73.5
Aroclor-1268	ND		0.105	ND		0.425	ND		0.039	ND		73.5
PCBs	10.7		0.105	10.5		0.425	5.45		0.039	7300		73.5

Lab ID:	03562-017			03562-018			03562-019			03562-020		
Client ID:	X-14W(0-2.0)			X-14S(0-2.0)			X-14E(0-2.0)			Y-15N(0-2.0)		
Depth:	0/2.0			0/2.0			0/2.0			0/2.0		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/18/13			4/18/13			4/18/13			4/18/13		
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		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1221	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1232	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1242	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1248	1.14		0.016	6.81		0.343	193		0.922	13.2		0.088
Aroclor-1254	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1260	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1262	ND		0.016	ND		0.343	ND		0.922	ND		0.088
Aroclor-1268	ND		0.016	ND		0.343	ND		0.922	ND		0.088
PCBs	1.14		0.016	6.81		0.343	193		0.922	13.2		0.088

ND = Analyzed for but Not Detected at the MDL

Rev E13-03562 0009

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03562-020
Client ID: Y-15N(0-2.
Date Received: 04/18/2013
Date Extracted: 04/26/2013
Date Analyzed: 05/01/2013
Data file: R9409.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 9.10

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.220	0.088
Aroclor-1221	ND		0.220	0.088
Aroclor-1232	ND		0.220	0.088
Aroclor-1242	ND		0.220	0.088
Aroclor-1248	13.2		0.220	0.088
Aroclor-1254	ND		0.220	0.088
Aroclor-1260	ND		0.220	0.088
Aroclor-1262	ND		0.220	0.088
Aroclor-1268	ND		0.220	0.088
PCBs	13.2		0.220	0.088

E13-03562 0032 Rev

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 04/30/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130426-14	SOIL	94		119		91		122	
PCB	LCSS130426-14	SOIL	89		116		86		113	
P-19N(0-2.	03562-001	SOIL	0	D	0	D	0	D	0	D
P-19N(2.0-	03562-002	SOIL	126		148		101		143	
P-19N(4.0-	03562-003	SOIL	61		84		60		83	
P-19N(5.0-	03562-004	SOIL	97		121		94		114	
Q-12E(4.0-	03562-007	SOIL	86		122		83		108	
P-20S(0-2.	03562-005	SOIL	99		121		98		123	
Q-12E(0-2.	03562-006	SOIL	92		116		86		118	
Q-12S(0-2.	03562-008	SOIL	0	D	0	D	0	D	0	D
Q-12S(2.0-	03562-009	SOIL	85		107		85		106	
Q-12W(0-2.	03562-011	SOIL	88		116		86		108	
Q-12W(2.0-	03562-012	SOIL	92		112		84		110	
Q-12N(0-2.	03562-014	SOIL	92		114		88		104	
X-14W(0-2.	03562-017	SOIL	89		110		85		105	
X-14S(0-2.	03562-018	SOIL	94		114		86		114	
Q-12S(4.0-	03562-010	SOIL	110		140		105		135	
Q-12W(4.0-	03562-013	SOIL	117		140		108		136	
Q-12N(2.0-	03562-015	SOIL	98		128		98		121	
X-14E(0-2.	03562-019	SOIL	90		125		90		120	
Y ~~X~~-15N(0-2.	03562-020	SOIL	95		144		90		149	
PCB	03562-020MS	SOIL	96		139		92		142	
PCB	03562-020MSD	SOIL	94		127		89		148	
JB 5/6/13 Q-12N(4.0-	03562-016	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

Sample #003 was inadvertently double spiked with surrogate. % recover have been adjusted to reflect this 5/6/13 JB

Rev

PCB METHOD BLANK SUMMARY

Lab File ID:	R9320.D	Instrument ID:	GC-R
Date Extracted:	04/26/2013	Matrix:	SOIL
Date Analyzed:	04/30/2013	Time Analyzed:	04:50

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
PCB	LCSS130426-14	04/30/2013	05:08
P-19N(0-2.	03562-001	04/30/2013	05:25
P-19N(2.0-	03562-002	04/30/2013	05:43
P-19N(4.0-	03562-003	04/30/2013	06:00
P-19N(5.0-	03562-004	04/30/2013	06:17
Q-12E(4.0-	03562-007	04/30/2013	09:07
P-20S(0-2.	03562-005	04/30/2013	16:50
Q-12E(0-2.	03562-006	04/30/2013	17:07
Q-12S(0-2.	03562-008	04/30/2013	17:24
Q-12S(2.0-	03562-009	04/30/2013	17:42
Q-12W(0-2.	03562-011	04/30/2013	18:17
Q-12W(2.0-	03562-012	04/30/2013	18:34
Q-12N(0-2.	03562-014	04/30/2013	19:09
X-14W(0-2.	03562-017	04/30/2013	20:01
X-14S(0-2.	03562-018	04/30/2013	20:19
Q-12S(4.0-	03562-010	05/01/2013	11:26
Q-12W(4.0-	03562-013	05/01/2013	11:43
Q-12N(2.0-	03562-015	05/01/2013	12:01
X-14E(0-2.	03562-019	05/01/2013	12:36
X-15N(0-2.	03562-020	05/01/2013	12:53
PCB	03562-020MS	05/01/2013	13:10
PCB	03562-020MSD	05/01/2013	13:28
Q-12N(4.0-	03562-016	05/01/2013	14:04

Y

B 6/24/13

Rev

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	BLKS130426-14	04/30/2013	04:50	2.75		12.10		2.60		12.02	
PCB	LCSS130426-14	04/30/2013	05:08	2.75		12.10		2.61		12.02	
P-19N(0-2.	03562-001	04/30/2013	05:25	0.00	D	0.00	D	0.00	D	0.00	D
P-19N(2.0-	03562-002	04/30/2013	05:43	2.76		12.09		2.61		12.02	
P-19N(4.0-	03562-003	04/30/2013	06:00	2.75		12.09		2.60		12.02	
P-19N(5.0-	03562-004	04/30/2013	06:17	2.75		12.09		2.60		12.02	
Q-12E(4.0-	03562-007	04/30/2013	09:07	2.76		12.09		2.61		12.02	
P-20S(0-2.	03562-005	04/30/2013	16:50	2.76		12.10		2.62		12.03	
Q-12E(0-2.	03562-006	04/30/2013	17:07	2.76		12.10		2.61		12.03	
Q-12S(0-2.	03562-008	04/30/2013	17:24	0.00	D	0.00	D	0.00	D	0.00	D
Q-12S(2.0-	03562-009	04/30/2013	17:42	2.76		12.10		2.61		12.03	
Q-12W(0-2.	03562-011	04/30/2013	18:17	2.76		12.10		2.61		12.02	
Q-12W(2.0-	03562-012	04/30/2013	18:34	2.76		12.10		2.61		12.03	
Q-12N(0-2.	03562-014	04/30/2013	19:09	2.76		12.10		2.61		12.03	
X-14W(0-2.	03562-017	04/30/2013	20:01	2.76		12.10		2.61		12.02	
X-14S(0-2.	03562-018	04/30/2013	20:19	2.76		12.10		2.61		12.02	
Q-12S(4.0-	03562-010	05/01/2013	11:26	2.76		12.10		2.61		12.03	
Q-12W(4.0-	03562-013	05/01/2013	11:43	2.76		12.10		2.61		12.03	
Q-12N(2.0-	03562-015	05/01/2013	12:01	2.76		12.10		2.61		12.02	
X-14E(0-2.	03562-019	05/01/2013	12:36	2.76		12.10		2.61		12.02	
X-15N(0-2.	03562-020	05/01/2013	12:53	2.76		12.09		2.61		12.03	
PCB	03562-020MS	05/01/2013	13:10	2.76		12.10		2.61		12.03	
PCB	03562-020MSD	05/01/2013	13:28	2.76		12.10		2.61		12.03	
Q-12N(4.0-	03562-016	05/01/2013	14:04	0.00	D	0.00	D	0.00	D	0.00	D

Y

BM 6/24/13

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

Rev

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9409.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:53
Operator : JS
Sample : Y-15N(0-2.,03562-020,S,5.01g,9.10,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:21:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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	511.4E6	545.3E6	37.933	36.014
Spiked Amount 200.000			Recovery	=	18.97%	18.01%
2) S DCB	12.09	12.03	174.8E6	205.9E6	57.436m	59.553m
Spiked Amount 200.000			Recovery	=	28.72%	29.78%
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	277.5E6	294.3E6	597.971	543.939
24) L6 Aroclor-1248 {2}	4.99	5.29	153.7E6	504.0E6	586.963	636.607
25) L6 Aroclor-1248 {3}	5.31	5.68	246.2E6	390.2E6	728.724	684.354
26) L6 Aroclor-1248 {4}	6.01	5.83	414.1E6	272.4E6	811.996	569.919 #
27) L6 Aroclor-1248 {5}	6.28	6.17	340.9E6	158.5E6	830.644	560.050 #
Sum Aroclor-1248			1432.4E6	1619.4E6	3556.299	2994.870
Average Aroclor-1248					711.260	598.974
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.

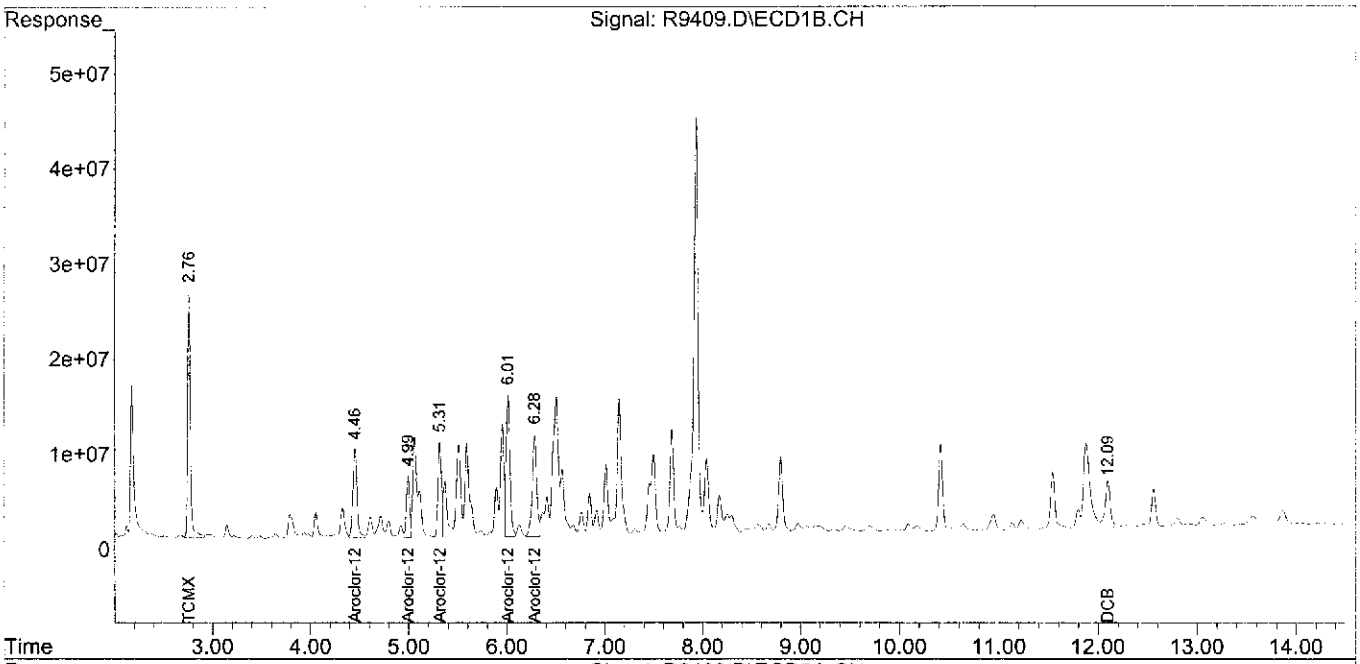
E/3-03562 0144 Rev

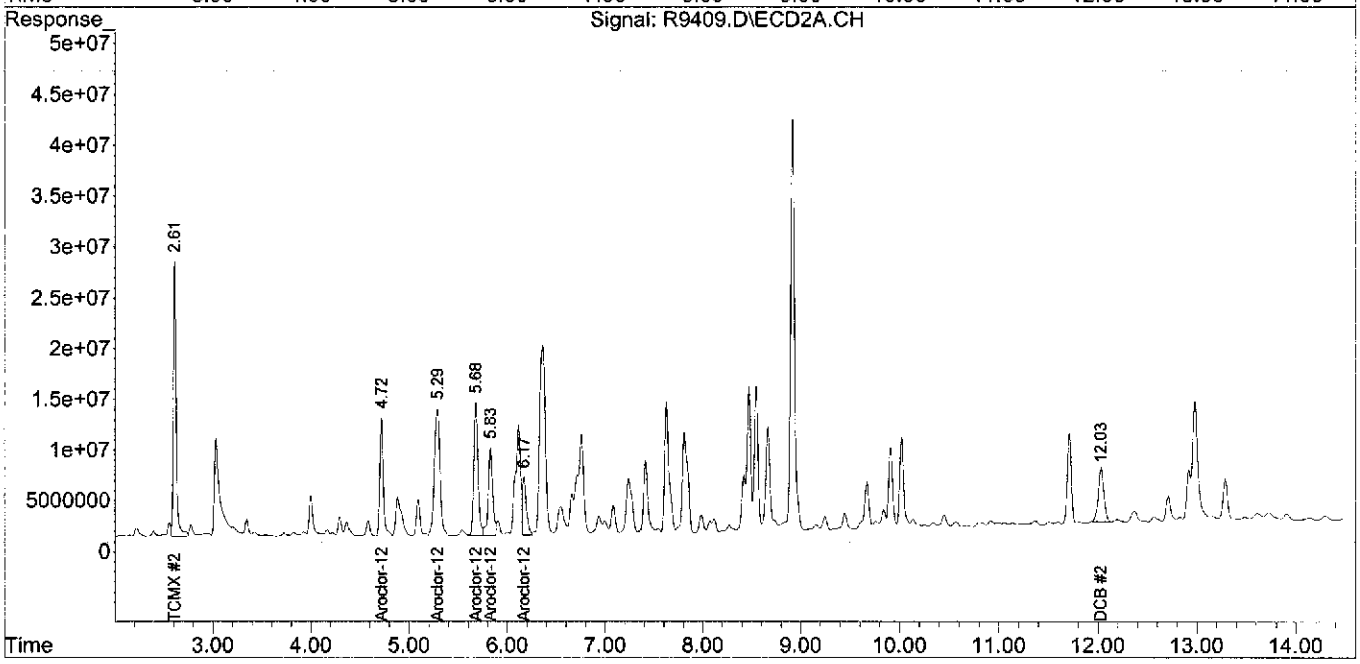
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-01-13\
Data File : R9409.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 01 May 2013 12:53
Operator : JS
Sample : Y-15N(0-2.,03562-020,S,5.01g,9.10,04/26/13,4
Misc : 130426-14,04/18/13,04/18/13,5
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 01 17:21:27 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
Quant Title :
QLast Update : Fri Apr 26 12:31:09 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 :





C13-03562 0149Rev

IAL
Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-03562: ARSYNCO

To: Jim Clabby
JMC Environmental Consultants
Fax: 1(732) 295-2150
EMail: jclabby@jmcenvironmental.com; ah

Report To

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742
Attn: Jim Clabby

Bill To

JMC Environmental Consultants
Aceto Corp.
4 Tri Harbor Court
Port Washington, NY 11050
Attn: Mr. Ed Kelly

Report Format	P.O. #	Received At Lab	TPHC Due	Verbal Due	Hardcopy Due
Reduced	22126	Apr 18, 2013 @ 17:01	NA	Jun 20, 2013	Jun 27, 2013 *

* Any ***Conditional or Hold*** status will delay final hardcopy report sent date.

Diskette Req. SRP TXT

**** QC Requirement (must meet):** NJ SRS

Lab ID	Client Sample ID	Depth	Sampling Time	Matrix	Unit	Field pH/Temp
03562-001	P-19N(0-2.0)	0/2.0	04/18/13@09:00	Soil	mg/Kg (ppm)	
03562-002	P-19N(2.0-4.0)	2.0/4.0	04/18/13@09:01	Soil	mg/Kg (ppm)	
03562-003	P-19N(4.0-5.0)	4.0/5.0	04/18/13@09:02	Soil	mg/Kg (ppm)	
03562-004	P-19N(5.0-6.0)	5.0/6.0	04/18/13@09:03	Soil	mg/Kg (ppm)	
03562-005	P-20S(0-2.0)	0/2.0	04/18/13@09:14	Soil	mg/Kg (ppm)	
03562-006	Q-12E(0-2.0)	0/2.0	04/18/13@09:52	Soil	mg/Kg (ppm)	
03562-007	Q-12E(4.0-6.0)	4.0/6.0	04/18/13@09:53	Soil	mg/Kg (ppm)	
03562-008	Q-12S(0-2.0)	0/2.0	04/18/13@10:11	Soil	mg/Kg (ppm)	
03562-009	Q-12S(2.0-4.0)	2.0/4.0	04/18/13@10:12	Soil	mg/Kg (ppm)	
03562-010	Q-12S(4.0-6.0)	4.0/6.0	04/18/13@10:13	Soil	mg/Kg (ppm)	
03562-011	Q-12W(0-2.0)	0/2.0	04/18/13@10:35	Soil	mg/Kg (ppm)	
03562-012	Q-12W(2.0-4.0)	2.0/4.0	04/18/13@10:36	Soil	mg/Kg (ppm)	
03562-013	Q-12W(4.0-6.0)	4.0/6.0	04/18/13@10:37	Soil	mg/Kg (ppm)	
03562-014	Q-12N(0-2.0)	0/2.0	04/18/13@11:07	Soil	mg/Kg (ppm)	
03562-015	Q-12N(2.0-4.0)	2.0/4.0	04/18/13@11:08	Soil	mg/Kg (ppm)	
03562-016	Q-12N(4.0-6.0)	4.0/6.0	04/18/13@11:09	Soil	mg/Kg (ppm)	
03562-017	X-14W(0-2.0)	0/2.0	04/18/13@11:27	Soil	mg/Kg (ppm)	
03562-018	X-14S(0-2.0)	0/2.0	04/18/13@11:39	Soil	mg/Kg (ppm)	
03562-019	X-14E(0-2.0)	0/2.0	04/18/13@11:55	Soil	mg/Kg (ppm)	
03562-020	Y-15N(0-2.0)	0/2.0	04/18/13@12:07	Soil	mg/Kg (ppm)	
03562-021	X-13E(0-2.0)	0/2.0	04/18/13@12:21	Soil	mg/Kg (ppm)	
03562-022	X-13N(0-2.0)	0/2.0	04/18/13@12:35	Soil	mg/Kg (ppm)	
03562-023	DD-28S(1.0-2.0)	1.0/2.0	04/18/13@13:18	Soil	mg/Kg (ppm)	
03562-024	DD-28S(2.0-4.0)	2.0/4.0	04/18/13@13:19	Soil	mg/Kg (ppm)	
03562-025	DD-28S(4.0-5.0)	4.0/5.0	04/18/13@13:20	Soil	mg/Kg (ppm)	
03562-026	DD-28S(5.0-6.0)	5.0/6.0	04/18/13@13:21	Soil	mg/Kg (ppm)	
03562-027	DD-29W(2.0-4.0)	2.0/4.0	04/18/13@13:43	Soil	mg/Kg (ppm)	

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Florida (E87670) and in the Department of Navy IR QA Program

E13-03562 0206 Rev

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Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-03562: ARSYNCO

Lab ID	Client Sample ID	Depth	Sampling Time	Matrix	Unit	Field pH/Temp
03562-028	DD-29W(4.0-6.0)	4.0/6.0	04/18/13@13:44	Soil	mg/Kg (ppm)	
03562-029	DD-28W(0-2.0)	0/2.0	04/18/13@14:00	Soil	mg/Kg (ppm)	
03562-030	DD-28W(2.0-4.0)	2.0/4.0	04/18/13@14:01	Soil	mg/Kg (ppm)	
03562-031	DD-28N(0-2.0)	0/2.0	04/18/13@14:21	Soil	mg/Kg (ppm)	
03562-032	DD-28N(2.0-4.0)	2.0/4.0	04/18/13@14:22	Soil	mg/Kg (ppm)	
03562-033	DD-27E(0-2.0)	0/2.0	04/18/13@14:36	Soil	mg/Kg (ppm)	
03562-034	DD-27E(2.0-4.0)	2.0/4.0	04/18/13@14:37	Soil	mg/Kg (ppm)	
03562-035	DD-27N(2.0-4.0)	2.0/4.0	04/18/13@14:55	Soil	mg/Kg (ppm)	
03562-036	DD-27W(2.0-4.0)	2.0/4.0	04/18/13@15:05	Soil	mg/Kg (ppm)	
03562-037	EE-30N(0-2.0)	0/2.0	04/18/13@15:17	Soil	mg/Kg (ppm)	
03562-038	FB-72	NA	04/18/13@15:22	Aqueous	mg/L (ppm)	

Sample #	Test	Status	QA Method	TAT	Holding Time Expires
001	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
002	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
003	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
004	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
005	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
006	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
007	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
008	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
009	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
010	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
011	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
012	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
013	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
014	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
015	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
016	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
017	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
018	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
019	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
020	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
	GC Project Revision	Analyze		STD/2 WKS	5/2/2013
021	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
022	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
023	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
024	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
025	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
026	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
027	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
028	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
029	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
030	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
031	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

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E13-03562 0207 Rev

Integrated Analytical Laboratories LLC

PROJECT INFORMATION

E13-03562: ARSYNCO

Sample #	Test	Status	QA Method	TAT	Holding Time Expires
032	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
033	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
034	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
035	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
036	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
037	TCL PCB	Analyze	8082	STD/2 WKS	5/2/2013
038	TCL PCB	Analyze	8082	STD/2 WKS	4/25/2013

Project Notes:

REV 1 taken by Brian on 06/06/2013 04:29

REV 01 DUE 6/20

AS PER CHRIS, PLEASE CHANGE THE SAMPLE ID FOR SAMPLE 020 FROM "X15N (0-2.0)" TO "Y15N (0-2.0)".

PLEASE REVISE NECESSARY PAGES AND RESUBMIT RESULT ON A STANDARD TURNAROUND.

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ORIG HARD COPY SENT 5/8

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Phone: 973 361 4252
Fax: 973 989 5288

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E13- 03562 0208 Rev