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: **E13-03068**

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.

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. E13-03068

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/ 4/2013@17:30

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
03068-001	DD-37 (0-2.0)	0/2	4/ 4/2013@09:00	Soil	1
03068-002	DD-37 (2.0-4.0)	2/4	4/ 4/2013@09:01	Soil	1
03068-003	DD-36 (0-2.0)	0/2	4/ 4/2013@09:15	Soil	1
03068-004	DD-36 (2.0-4.0)	2/4	4/ 4/2013@09:16	Soil	1
03068-005	EE-37 (0-2.0)	0/2	4/ 4/2013@09:28	Soil	1
03068-006	EE-37 (2.0-4.0)	2/4	4/ 4/2013@09:29	Soil	1
03068-007	EE-36 (0-2.0)	0/2	4/ 4/2013@09:42	Soil	1
03068-008	EE-36 (2.0-4.0)	2/4	4/ 4/2013@09:43	Soil	1
03068-009	FF-35 (0-2.0)	0/2	4/ 4/2013@10:00	Soil	1
03068-010	FF-35 (2.0-4.0)	2/4	4/ 4/2013@10:01	Soil	1
03068-011	FF-34 (0-2.0)	0/2	4/ 4/2013@10:18	Soil	1
03068-012	FF-34 (2.0-4.0)	2/4	4/ 4/2013@10:19	Soil	1
03068-013	H-28 (2.0-4.0)	2/4	4/ 4/2013@10:45	Soil	1
03068-014	G-28 (2.0-4.0)	2/4	4/ 4/2013@11:13	Soil	1
03068-015	F-28 (2.0-4.0)	2/4	4/ 4/2013@11:28	Soil	1
03068-016	W-12N (0-2.0)	0/2	4/ 4/2013@12:10	Soil	1
03068-017	W-12N (2.0-4.0)	2/4	4/ 4/2013@12:11	Soil	1
03068-018	W-12E (0-2.0)	0/2	4/ 4/2013@12:25	Soil	1
03068-019	W-12E (2.0-4.0)	2/4	4/ 4/2013@12:26	Soil	1
03068-020	W-12S (2.0-4.0)	2/4	4/ 4/2013@12:37	Soil	1
03068-021	W-13W (0-2.0)	0/2	4/ 4/2013@13:46	Soil	1
03068-022	W-13W (2.0-4.0)	2/4	4/ 4/2013@13:47	Soil	1
03068-023	W-12W (2.0-4.0)	2/4	4/ 4/2013@13:25	Soil	1
03068-024	W-13E (0-2.0)	0/2	4/ 4/2013@14:00	Soil	1
03068-025	W-13E (2.0-4.0)	2/4	4/ 4/2013@14:01	Soil	1
03068-026	V-11E (0-2.0)	0/2	4/ 4/2013@14:42	Soil	1
03068-027	V-12N (0-2.0)	0/2	4/ 4/2013@15:00	Soil	1
03068-028	FB-63	n/a	4/ 4/2013@15:12	Aqueous	2
03068-029	W-13S (0-2.0)	0/2	4/ 4/2013	Soil	1
03068-030	W-13S (2.0-4.0)	2/4	4/ 4/2013	Soil	1

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	11
PCBs	
Methodology Summary *	
PCBs	42
PCBs QC Summary	43
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	79
Sample Quant Report and Chromatogram	
Method Blank Results	
Method Blank Quant Report and Chromatogram	
Sample Tracking	155
Chains of Custody	
Project Information	
Sample Receipt Verification	
Laboratory Chronicle	
Last Page of the Report	163

This report was finalized on April 24, 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 twenty-nine (29) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-03068, Project: ARSYNCO) on April 4, 2013 for the analysis of:

(30) 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

Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03068

PCB By 8082

Batch ID: 130410-06	**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: 028
- The following samples were cleaned up using method 3665A: 028

E13-03068

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- No dilution performed for sample 03068-028.

4/15/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03068

PCB By 8082

Batch ID: 13008-18

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. DCB1 did not pass QC limits for sample 027. DCB2 did not pass QC limits for samples 027, 029, 017, 030. All those surrogates failed QC limits due to matrix interference.
- 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:

E13-03068

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Samples: 016, 024 were run with 50x dilution; 017,019,027 with 20x dil.; 018,021 with 10x dil.; 020, 026, 030 with 5x dil. All of those samples were run with dilution due to hifg concentration of the target compound, and all of them did not pass NJ SRS criteria. The rest of the samples for job 03068, batch 130408-18 were run straight.

4/15/2013

Signature Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-03068

PCB By 8082

Batch ID: 130408-17	**Matrix: Soil**

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 did not meet QC criteria. MS/MSD failed QC criteria due to matrix interference.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011

E13-03068

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- sample: 001,009 was run with 20x dilution; 003, 007 with 50x dil.;005, 011 with 10x dil.All of those samples did not pass NJ SRS criteria. The rest of the samples for job 03068, batch 130408-17 were run straight.

4/15/2013

Signature Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03068

Lab ID:	03068-028		
Client ID:	FB-63		
Matrix:	Aqueous		
Sampled Date	4/4/13		
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:	03068-001			03068-002			03068-003			03068-004		
Client ID:	DD-37 (0-2.0)			DD-37 (2.0-4.0)			DD-36 (0-2.0)			DD-36 (2.0-4.0)		
Depth:	0/2			2/4			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1221	ND		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1232	ND		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1242	ND		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1248	91.6		0.373	6.95		0.027	193		0.984	0.289		0.027
Aroclor-1254	ND		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1260	ND		0.373	0.744		0.027	9.94		0.984	ND		0.027
Aroclor-1262	ND		0.373	ND		0.027	ND		0.984	ND		0.027
Aroclor-1268	ND		0.373	ND		0.027	ND		0.984	ND		0.027
PCBs	91.6		0.373	7.69		0.027	203		0.984	0.289		0.027

Lab ID:	03068-005			03068-006			03068-007			03068-008		
Client ID:	EE-37 (0-2.0)			EE-37 (2.0-4.0)			EE-36 (0-2.0)			EE-36 (2.0-4.0)		
Depth:	0/2			2/4			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1221	ND		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1232	ND		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1242	ND		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1248	78.9		0.218	8.68		0.025	172		0.884	0.249		0.032
Aroclor-1254	ND		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1260	ND		0.218	0.564		0.025	14.4		0.884	ND		0.032
Aroclor-1262	ND		0.218	ND		0.025	ND		0.884	ND		0.032
Aroclor-1268	ND		0.218	ND		0.025	ND		0.884	ND		0.032
PCBs	78.9		0.218	9.24		0.025	186		0.884	0.249		0.032

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03068

Lab ID:	03068-009			03068-010			03068-011			03068-012		
Client ID:	FF-35 (0-2.0)			FF-35 (2.0-4.0)			FF-34 (0-2.0)			FF-34 (2.0-4.0)		
Depth:	0/2			2/4			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1221	ND		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1232	ND		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1242	ND		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1248	88.4		0.418	0.183		0.020	61.2		0.191	ND		0.031
Aroclor-1254	ND		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1260	ND		0.418	ND		0.020	19.6		0.191	ND		0.031
Aroclor-1262	ND		0.418	ND		0.020	ND		0.191	ND		0.031
Aroclor-1268	ND		0.418	ND		0.020	ND		0.191	ND		0.031
PCBs	88.4		0.418	0.183		0.020	80.8		0.191	ND		0.031

Lab ID:	03068-013			03068-014			03068-015			03068-016		
Client ID:	H-28 (2.0-4.0)			G-28 (2.0-4.0)			F-28 (2.0-4.0)			W-12N (0-2.0)		
Depth:	2/4			2/4			2/4			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.028	ND		0.027	ND		0.848
Aroclor-1221	ND		0.016	ND		0.028	ND		0.027	ND		0.848
Aroclor-1232	ND		0.016	ND		0.028	ND		0.027	ND		0.848
Aroclor-1242	ND		0.016	ND		0.028	ND		0.027	ND		0.848
Aroclor-1248	3.01		0.016	ND		0.028	ND		0.027	184		0.848
Aroclor-1254	ND		0.016	ND		0.028	ND		0.027	ND		0.848
Aroclor-1260	0.619		0.016	ND		0.028	0.134		0.027	ND		0.848
Aroclor-1262	ND		0.016	ND		0.028	ND		0.027	ND		0.848
Aroclor-1268	ND		0.016	ND		0.028	ND		0.027	ND		0.848
PCBs	3.63		0.016	ND		0.028	0.134		0.027	184		0.848

Lab ID:	03068-017			03068-018			03068-019			03068-020		
Client ID:	W-12N (2.0-4.0)			W-12E (0-2.0)			W-12E (2.0-4.0)			W-12S (2.0-4.0)		
Depth:	2/4			0/2			2/4			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1221	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1232	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1242	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1248	132		0.430	47.6		0.161	58.7		0.384	36.3		0.144
Aroclor-1254	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1260	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1262	ND		0.430	ND		0.161	ND		0.384	ND		0.144
Aroclor-1268	ND		0.430	ND		0.161	ND		0.384	ND		0.144
PCBs	132		0.430	47.6		0.161	58.7		0.384	36.3		0.144

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-03068

Lab ID:	03068-021			03068-022			03068-023			03068-024		
Client ID:	W-13W (0-2.0)			W-13W (2.0-4.0)			W-12W (2.0-4.0)			W-13E (0-2.0)		
Depth:	0/2			2/4			2/4			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1221	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1232	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1242	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1248	52.3		0.175	4.24		0.021	5.84		0.031	168		0.781
Aroclor-1254	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1260	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1262	ND		0.175	ND		0.021	ND		0.031	ND		0.781
Aroclor-1268	ND		0.175	ND		0.021	ND		0.031	ND		0.781
PCBs	52.3		0.175	4.24		0.021	5.84		0.031	168		0.781

Lab ID:	03068-025			03068-026			03068-027			03068-029		
Client ID:	W-13E (2.0-4.0)			V-11E (0-2.0)			V-12N (0-2.0)			W-13S (0-2.0)		
Depth:	2/4			0/2			0/2			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	4/4/13			4/4/13			4/4/13			4/4/13		
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		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1221	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1232	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1242	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1248	15.0		0.060	28.5		0.086	21.8		0.395	3.02		0.016
Aroclor-1254	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1260	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1262	ND		0.060	ND		0.086	ND		0.395	ND		0.016
Aroclor-1268	ND		0.060	ND		0.086	ND		0.395	ND		0.016
PCBs	15.0		0.060	28.5		0.086	21.8		0.395	3.02		0.016

Lab ID:	03068-030		
Client ID:	W-13S (2.0-4.0)		
Depth:	2/4		
Matrix:	Soil		
Sampled Date	4/4/13		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.088
Aroclor-1221	ND		0.088
Aroclor-1232	ND		0.088
Aroclor-1242	ND		0.088
Aroclor-1248	17.4		0.088
Aroclor-1254	ND		0.088
Aroclor-1260	ND		0.088
Aroclor-1262	ND		0.088
Aroclor-1268	ND		0.088
PCBs	17.4		0.088

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-001
Client ID: DD-37_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8648.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 23.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.933	0.373
Aroclor-1221	ND		0.933	0.373
Aroclor-1232	ND		0.933	0.373
Aroclor-1242	ND		0.933	0.373
Aroclor-1248	91.6		0.933	0.373
Aroclor-1254	ND		0.933	0.373
Aroclor-1260	ND		0.933	0.373
Aroclor-1262	ND		0.933	0.373
Aroclor-1268	ND		0.933	0.373
PCBs	91.6		0.933	0.373

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-002
Client ID: DD-37_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/10/2013
Data file: R8563.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 41.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.068	0.027
Aroclor-1221	ND		0.068	0.027
Aroclor-1232	ND		0.068	0.027
Aroclor-1242	ND		0.068	0.027
Aroclor-1248	6.95		0.068	0.027
Aroclor-1254	ND		0.068	0.027
Aroclor-1260	0.744		0.068	0.027
Aroclor-1262	ND		0.068	0.027
Aroclor-1268	ND		0.068	0.027
PCBs	7.69		0.068	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-003
Client ID: DD-36_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8649.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 23.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.46	0.984
Aroclor-1221	ND		2.46	0.984
Aroclor-1232	ND		2.46	0.984
Aroclor-1242	ND		2.46	0.984
Aroclor-1248	193		2.46	0.984
Aroclor-1254	ND		2.46	0.984
Aroclor-1260	9.94		2.46	0.984
Aroclor-1262	ND		2.46	0.984
Aroclor-1268	ND		2.46	0.984
PCBs	203		2.46	0.984

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-004
Client ID: DD-36_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8698.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.39g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 44.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.067	0.027
Aroclor-1221	ND		0.067	0.027
Aroclor-1232	ND		0.067	0.027
Aroclor-1242	ND		0.067	0.027
Aroclor-1248	0.289		0.067	0.027
Aroclor-1254	ND		0.067	0.027
Aroclor-1260	ND		0.067	0.027
Aroclor-1262	ND		0.067	0.027
Aroclor-1268	ND		0.067	0.027
PCBs	0.289		0.067	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-005
Client ID: EE-37_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8650.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 26.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.544	0.218
Aroclor-1221	ND		0.544	0.218
Aroclor-1232	ND		0.544	0.218
Aroclor-1242	ND		0.544	0.218
Aroclor-1248	78.9		0.544	0.218
Aroclor-1254	ND		0.544	0.218
Aroclor-1260	ND		0.544	0.218
Aroclor-1262	ND		0.544	0.218
Aroclor-1268	ND		0.544	0.218
PCBs	78.9		0.544	0.218

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-006
Client ID: EE-37_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/10/2013
Data file: R8567.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 35.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.062	0.025
Aroclor-1221	ND		0.062	0.025
Aroclor-1232	ND		0.062	0.025
Aroclor-1242	ND		0.062	0.025
Aroclor-1248	8.68		0.062	0.025
Aroclor-1254	ND		0.062	0.025
Aroclor-1260	0.564		0.062	0.025
Aroclor-1262	ND		0.062	0.025
Aroclor-1268	ND		0.062	0.025
PCBs	9.24		0.062	0.025

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-007
Client ID: EE-36_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8651.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 21.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.21	0.884
Aroclor-1221	ND		2.21	0.884
Aroclor-1232	ND		2.21	0.884
Aroclor-1242	ND		2.21	0.884
Aroclor-1248	172		2.21	0.884
Aroclor-1254	ND		2.21	0.884
Aroclor-1260	14.4		2.21	0.884
Aroclor-1262	ND		2.21	0.884
Aroclor-1268	ND		2.21	0.884
PCBs	186		2.21	0.884

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-008
Client ID: EE-36_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8699.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 49.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.079	0.032
Aroclor-1221	ND		0.079	0.032
Aroclor-1232	ND		0.079	0.032
Aroclor-1242	ND		0.079	0.032
Aroclor-1248	0.249		0.079	0.032
Aroclor-1254	ND		0.079	0.032
Aroclor-1260	ND		0.079	0.032
Aroclor-1262	ND		0.079	0.032
Aroclor-1268	ND		0.079	0.032
PCBs	0.249		0.079	0.032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-009
Client ID: FF-35_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8652.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 25.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.04	0.418
Aroclor-1221	ND		1.04	0.418
Aroclor-1232	ND		1.04	0.418
Aroclor-1242	ND		1.04	0.418
Aroclor-1248	88.4		1.04	0.418
Aroclor-1254	ND		1.04	0.418
Aroclor-1260	ND		1.04	0.418
Aroclor-1262	ND		1.04	0.418
Aroclor-1268	ND		1.04	0.418
PCBs	88.4		1.04	0.418

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-010
Client ID: FF-35_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8700.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.34g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	0.183		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.183		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-011
Client ID: FF-34_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8653.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 23.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.478	0.191
Aroclor-1221	ND		0.478	0.191
Aroclor-1232	ND		0.478	0.191
Aroclor-1242	ND		0.478	0.191
Aroclor-1248	61.2		0.478	0.191
Aroclor-1254	ND		0.478	0.191
Aroclor-1260	19.6		0.478	0.191
Aroclor-1262	ND		0.478	0.191
Aroclor-1268	ND		0.478	0.191
PCBs	80.8		0.478	0.191

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-012
Client ID: FF-34_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8579.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 50.3

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-013
Client ID: H-28_(2.0-
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8580.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
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	3.01		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	0.619		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	3.63		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-014
Client ID: G-28_(2.0-
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8581.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 44.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.071	0.028
Aroclor-1221	ND		0.071	0.028
Aroclor-1232	ND		0.071	0.028
Aroclor-1242	ND		0.071	0.028
Aroclor-1248	ND		0.071	0.028
Aroclor-1254	ND		0.071	0.028
Aroclor-1260	ND		0.071	0.028
Aroclor-1262	ND		0.071	0.028
Aroclor-1268	ND		0.071	0.028
PCBs	ND		0.071	0.028

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-015
Client ID: F-28_(2.0-
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8582.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 43.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.067	0.027
Aroclor-1221	ND		0.067	0.027
Aroclor-1232	ND		0.067	0.027
Aroclor-1242	ND		0.067	0.027
Aroclor-1248	ND		0.067	0.027
Aroclor-1254	ND		0.067	0.027
Aroclor-1260	0.134		0.067	0.027
Aroclor-1262	ND		0.067	0.027
Aroclor-1268	ND		0.067	0.027
PCBs	0.134		0.067	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-016
Client ID: W-12N_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8657.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 7.00

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.12	0.848
Aroclor-1221	ND		2.12	0.848
Aroclor-1232	ND		2.12	0.848
Aroclor-1242	ND		2.12	0.848
Aroclor-1248	184		2.12	0.848
Aroclor-1254	ND		2.12	0.848
Aroclor-1260	ND		2.12	0.848
Aroclor-1262	ND		2.12	0.848
Aroclor-1268	ND		2.12	0.848
PCBs	184		2.12	0.848

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-017
Client ID: W-12N_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8658.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 30.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.07	0.430
Aroclor-1221	ND		1.07	0.430
Aroclor-1232	ND		1.07	0.430
Aroclor-1242	ND		1.07	0.430
Aroclor-1248	132		1.07	0.430
Aroclor-1254	ND		1.07	0.430
Aroclor-1260	ND		1.07	0.430
Aroclor-1262	ND		1.07	0.430
Aroclor-1268	ND		1.07	0.430
PCBs	132		1.07	0.430

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-018
Client ID: W-12E_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8659.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 4.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.403	0.161
Aroclor-1221	ND		0.403	0.161
Aroclor-1232	ND		0.403	0.161
Aroclor-1242	ND		0.403	0.161
Aroclor-1248	47.6		0.403	0.161
Aroclor-1254	ND		0.403	0.161
Aroclor-1260	ND		0.403	0.161
Aroclor-1262	ND		0.403	0.161
Aroclor-1268	ND		0.403	0.161
PCBs	47.6		0.403	0.161

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-019
Client ID: W-12E_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8702.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.56g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 25.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.959	0.384
Aroclor-1221	ND		0.959	0.384
Aroclor-1232	ND		0.959	0.384
Aroclor-1242	ND		0.959	0.384
Aroclor-1248	58.7		0.959	0.384
Aroclor-1254	ND		0.959	0.384
Aroclor-1260	ND		0.959	0.384
Aroclor-1262	ND		0.959	0.384
Aroclor-1268	ND		0.959	0.384
PCBs	58.7		0.959	0.384

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-020
Client ID: W-12S_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8661.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 45.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.360	0.144
Aroclor-1221	ND		0.360	0.144
Aroclor-1232	ND		0.360	0.144
Aroclor-1242	ND		0.360	0.144
Aroclor-1248	36.3		0.360	0.144
Aroclor-1254	ND		0.360	0.144
Aroclor-1260	ND		0.360	0.144
Aroclor-1262	ND		0.360	0.144
Aroclor-1268	ND		0.360	0.144
PCBs	36.3		0.360	0.144

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-021
Client ID: W-13W_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8662.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 16.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.437	0.175
Aroclor-1221	ND		0.437	0.175
Aroclor-1232	ND		0.437	0.175
Aroclor-1242	ND		0.437	0.175
Aroclor-1248	52.3		0.437	0.175
Aroclor-1254	ND		0.437	0.175
Aroclor-1260	ND		0.437	0.175
Aroclor-1262	ND		0.437	0.175
Aroclor-1268	ND		0.437	0.175
PCBs	52.3		0.437	0.175

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-022
Client ID: W-13W_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8589.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	4.24		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	4.24		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-023
Client ID: W-12W_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8590.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 49.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.078	0.031
Aroclor-1221	ND		0.078	0.031
Aroclor-1232	ND		0.078	0.031
Aroclor-1242	ND		0.078	0.031
Aroclor-1248	5.84		0.078	0.031
Aroclor-1254	ND		0.078	0.031
Aroclor-1260	ND		0.078	0.031
Aroclor-1262	ND		0.078	0.031
Aroclor-1268	ND		0.078	0.031
PCBs	5.84		0.078	0.031

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-024
Client ID: W-13E_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8663.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.83g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 12.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.95	0.781
Aroclor-1221	ND		1.95	0.781
Aroclor-1232	ND		1.95	0.781
Aroclor-1242	ND		1.95	0.781
Aroclor-1248	168		1.95	0.781
Aroclor-1254	ND		1.95	0.781
Aroclor-1260	ND		1.95	0.781
Aroclor-1262	ND		1.95	0.781
Aroclor-1268	ND		1.95	0.781
PCBs	168		1.95	0.781

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-025
Client ID: W-13E_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8592.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.52g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 76.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.151	0.060
Aroclor-1221	ND		0.151	0.060
Aroclor-1232	ND		0.151	0.060
Aroclor-1242	ND		0.151	0.060
Aroclor-1248	15.0		0.151	0.060
Aroclor-1254	ND		0.151	0.060
Aroclor-1260	ND		0.151	0.060
Aroclor-1262	ND		0.151	0.060
Aroclor-1268	ND		0.151	0.060
PCBs	15.0		0.151	0.060

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-026
Client ID: V-11E_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8664.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 7.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.214	0.086
Aroclor-1221	ND		0.214	0.086
Aroclor-1232	ND		0.214	0.086
Aroclor-1242	ND		0.214	0.086
Aroclor-1248	28.5		0.214	0.086
Aroclor-1254	ND		0.214	0.086
Aroclor-1260	ND		0.214	0.086
Aroclor-1262	ND		0.214	0.086
Aroclor-1268	ND		0.214	0.086
PCBs	28.5		0.214	0.086

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-027
Client ID: V-12N_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8594.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 19.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.987	0.395
Aroclor-1221	ND		0.987	0.395
Aroclor-1232	ND		0.987	0.395
Aroclor-1242	ND		0.987	0.395
Aroclor-1248	21.8		0.987	0.395
Aroclor-1254	ND		0.987	0.395
Aroclor-1260	ND		0.987	0.395
Aroclor-1262	ND		0.987	0.395
Aroclor-1268	ND		0.987	0.395
PCBs	21.8		0.987	0.395

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-028
Client ID: FB-63
Date Received: 04/04/2013
Date Extracted: 04/10/2013
Date Analyzed: 04/12/2013
Data file: R8683.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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-029
Client ID: W-13S_(0-2
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8595.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.90

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	3.02		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	3.02		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 03068-030
Client ID: W-13S_(2.0
Date Received: 04/04/2013
Date Extracted: 04/08/2013
Date Analyzed: 04/12/2013
Data file: R8665.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 19.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.221	0.088
Aroclor-1221	ND		0.221	0.088
Aroclor-1232	ND		0.221	0.088
Aroclor-1242	ND		0.221	0.088
Aroclor-1248	17.4		0.221	0.088
Aroclor-1254	ND		0.221	0.088
Aroclor-1260	ND		0.221	0.088
Aroclor-1262	ND		0.221	0.088
Aroclor-1268	ND		0.221	0.088
PCBs	17.4		0.221	0.088

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 04/10/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130408-17	SOIL	78		70		85		77	
S-7	03031-007	SOIL	86		83		95		102	
S-17A	03032-001	SOIL	79		83		87		84	
S-49A	03032-003	SOIL	82		75		90		88	
AEC1-MC-B	03035-006	SOIL	76		88		83		75	
18-COMP	03036-001	SOIL	94		95		104		91	
DD-37_(2.0	03068-002	SOIL	81		102		98		95	
EE-37_(2.0	03068-006	SOIL	79		95		93		97	
PCB	LCSS130408-17	SOIL	79		75		85		101	
AEC1-GT-A	03035-001	SOIL	88		82		94		89	
AEC1-GT-B	03035-002	SOIL	84		90		90		84	
DD-37_(0-2	03068-001	SOIL	90		148		96		128	
DD-36_(0-2	03068-003	SOIL	105		85		110		105	
EE-37_(0-2	03068-005	SOIL	112		149		105		131	
EE-36_(0-2	03068-007	SOIL	100		60		95		80	
FF-35_(0-2	03068-009	SOIL	84		106		96		138	
FF-34_(0-2	03068-011	SOIL	83		143		97		141	
PCB	03068-011MS	SOIL	80		121		96		144	
PCB	03068-011MSD	SOIL	77		85		91		104	
DD-36_(2.0	03068-004	SOIL	92		102		99		113	
EE-36_(2.0	03068-008	SOIL	85		89		92		86	
FF-35_(2.0	03068-010	SOIL	73		78		85		87	
AEC1-MC-A	03035-005	SOIL	75		133		78		83	

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: 04/11/2013

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS130408-18	SOIL	78		83		85		89	
FF-34_(2.0	03068-012	SOIL	90		89		97		100	
H-28_(2.0-	03068-013	SOIL	73		83		77		76	
G-28_(2.0-	03068-014	SOIL	80		96		89		95	
F-28_(2.0-	03068-015	SOIL	88		83		98		95	
W-13W_(2.0	03068-022	SOIL	79		90		87		113	
W-12W_(2.0	03068-023	SOIL	68		104		88		121	
W-13E_(2.0	03068-025	SOIL	90		102		93		113	
V-12N_(0-2	03068-027	SOIL	74		170	M	88		1926	M
W-13S_(0-2	03068-029	SOIL	74		88		80		7184	M
PCB	LCSS130408-18	SOIL	77		75		82		78	
W-12N_(0-2	03068-016	SOIL	85		80		85		80	
W-12N_(2.0	03068-017	SOIL	80		76		104		2060	M
W-12E_(0-2	03068-018	SOIL	82		67		84		75	
W-12S_(2.0	03068-020	SOIL	97		106		104		130	
W-13W_(0-2	03068-021	SOIL	86		139		87		103	
W-13E_(0-2	03068-024	SOIL	90		75		85		150	
V-11E_(0-2	03068-026	SOIL	68		73		82		74	
W-13S_(2.0	03068-030	SOIL	80		80		81		321	M
PCB	03068-030MS	SOIL	82		104		80		98	
PCB	03068-030MSD	SOIL	88		112		88		122	
W-12E_(2.0	03068-019	SOIL	74		76		88		92	

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: 04/12/2013

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

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130408-17

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	594.5	119	40 - 140
Aroclor-1260	500.0	0.0	503.2	101	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: LCSS130408-18

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	603.3	121	40 - 140
Aroclor-1260	500.0	0.0	502.6	101	40 - 140

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

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSA130410-06

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	459.0	92	40 - 140
Aroclor-1260	500.0	0.0	415.8	83	40 - 140

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

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03068-011

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	6198.7	1240	*	40 - 140
Aroclor-1260	500.0	410.3	3557.8	630	*	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	5051.7	*	1010	20		50	40 - 140
Aroclor-1260	410.3	3044.9	*	527	18		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

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03068-030

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	5420.1	1084	*	40 - 140
Aroclor-1260	500.0	0.0	912.8	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	3771.3	*	754	36		50	40 - 140
Aroclor-1260	0.0	805.5	*	161	13		50	40 - 140

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

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

AQUEOUS PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 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

PCB METHOD BLANK SUMMARY

Lab File ID: R8553.D | Instrument ID: GC-R

Date Extracted: 04/08/2013 | Matrix: SOIL

Date Analyzed: 04/10/2013 | Time Analyzed: 18:33

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
S-7	03031-007	04/10/2013	18:51
S-17A	03032-001	04/10/2013	19:08
S-49A	03032-003	04/10/2013	19:25
AEC1-MC-B	03035-006	04/10/2013	19:43
18-COMP	03036-001	04/10/2013	20:00
DD-37_(2.0	03068-002	04/10/2013	21:27
EE-37_(2.0	03068-006	04/10/2013	22:36
PCB	LCSS130408-17	04/11/2013	01:30
AEC1-GT-A	03035-001	04/12/2013	00:44
AEC1-GT-B	03035-002	04/12/2013	01:01
DD-37_(0-2	03068-001	04/12/2013	01:19
DD-36_(0-2	03068-003	04/12/2013	01:36
EE-37_(0-2	03068-005	04/12/2013	01:53
EE-36_(0-2	03068-007	04/12/2013	02:11
FF-35_(0-2	03068-009	04/12/2013	02:28
FF-34_(0-2	03068-011	04/12/2013	02:46
PCB	03068-011MS	04/12/2013	03:03
PCB	03068-011MSD	04/12/2013	03:20
DD-36_(2.0	03068-004	04/12/2013	18:17
EE-36_(2.0	03068-008	04/12/2013	18:34
FF-35_(2.0	03068-010	04/12/2013	18:52
AEC1-MC-A	03035-005	04/12/2013	19:09

PCB METHOD BLANK SUMMARY

Lab File ID: R8578.D

Instrument ID: GC-R

Date Extracted: 04/08/2013

Matrix: SOIL

Date Analyzed: 04/11/2013

Time Analyzed: 03:14

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FF-34_(2.0	03068-012	04/11/2013	03:32
H-28_(2.0-	03068-013	04/11/2013	03:49
G-28_(2.0-	03068-014	04/11/2013	04:06
F-28_(2.0-	03068-015	04/11/2013	04:24
W-13W_(2.0	03068-022	04/11/2013	06:25
W-12W_(2.0	03068-023	04/11/2013	06:43
W-13E_(2.0	03068-025	04/11/2013	07:18
V-12N_(0-2	03068-027	04/11/2013	07:53
W-13S_(0-2	03068-029	04/11/2013	08:10
PCB	LCSS130408-18	04/11/2013	09:20
W-12N_(0-2	03068-016	04/12/2013	04:13
W-12N_(2.0	03068-017	04/12/2013	04:30
W-12E_(0-2	03068-018	04/12/2013	04:47
W-12S_(2.0	03068-020	04/12/2013	05:22
W-13W_(0-2	03068-021	04/12/2013	05:40
W-13E_(0-2	03068-024	04/12/2013	05:57
V-11E_(0-2	03068-026	04/12/2013	06:15
W-13S_(2.0	03068-030	04/12/2013	06:32
PCB	03068-030MS	04/12/2013	06:50
PCB	03068-030MSD	04/12/2013	07:07
W-12E_(2.0	03068-019	04/12/2013	19:26

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

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 WINDOW 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: 04/10/2013 **Instrument ID:** GC-R

Data File: R8552.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	225178	9.20
Aroclor-1016 {2}	4.05	3.98	4.12	285474	298685	4.63
Aroclor-1016 {3}	4.60	4.53	4.67	371376	381830	2.81
Aroclor-1016 {4}	5.11	5.03	5.17	166680	189815	13.88
Aroclor-1016 {5}	5.51	5.43	5.57	293615	299810	2.11
Aroclor-1260	8.30	7.39	9.19	849013	804535	5.24
Aroclor-1260 {2}	8.98	8.07	9.87	415817	370962	10.79
Aroclor-1260 {3}	9.45	8.54	10.34	956817	870918	8.98
Aroclor-1260 {4}	9.93	9.02	10.82	515317	454699	11.76
Aroclor-1260 {5}	11.00	10.09	11.89	221443	198834	10.21
					Average %D	7.96

Data File: R8552.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	248472	13.89
Aroclor-1016 {2}	4.01	3.94	4.08	440985	461589	4.67
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1066981	14.21
Aroclor-1016 {4}	4.93	4.86	5.00	404062	446141	10.41
Aroclor-1016 {5}	5.10	5.03	5.17	310589	345207	11.15
Aroclor-1260	7.43	6.53	8.33	363048	388496	7.01
Aroclor-1260 {2}	7.69	6.79	8.59	525762	551072	4.81
Aroclor-1260 {3}	9.27	8.37	10.17	456214	473153	3.71
Aroclor-1260 {4}	9.77	8.88	10.68	916569	973232	6.18
Aroclor-1260 {5}	10.36	9.46	11.26	666324	681740	2.31
					Average %D	7.84

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/11/2013 **Instrument ID:** GC-R

Data File: R8576.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	223212	8.25
Aroclor-1016 {2}	4.05	3.98	4.12	285474	298034	4.40
Aroclor-1016 {3}	4.60	4.53	4.67	371376	378739	1.98
Aroclor-1016 {4}	5.11	5.03	5.17	166680	182978	9.78
Aroclor-1016 {5}	5.51	5.43	5.57	293615	291938	0.57
Aroclor-1260	8.30	7.39	9.19	849013	757258	10.81
Aroclor-1260 {2}	8.97	8.07	9.87	415817	346320	16.71
Aroclor-1260 {3}	9.45	8.54	10.34	956817	815081	14.81
Aroclor-1260 {4}	9.93	9.02	10.82	515317	422592	17.99
Aroclor-1260 {5}	11.00	10.09	11.89	221443	182253	17.70
					Average %D	10.30

Data File: R8576.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	245099	12.35
Aroclor-1016 {2}	4.01	3.94	4.08	440985	457431	3.73
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1048132	12.20
Aroclor-1016 {4}	4.93	4.86	5.00	404062	432360	7.00
Aroclor-1016 {5}	5.10	5.03	5.17	310589	332330	7.00
Aroclor-1260	7.43	6.53	8.33	363048	361544	0.41
Aroclor-1260 {2}	7.68	6.79	8.59	525762	515051	2.04
Aroclor-1260 {3}	9.26	8.37	10.17	456214	431177	5.49
Aroclor-1260 {4}	9.77	8.88	10.68	916569	892871	2.59
Aroclor-1260 {5}	10.36	9.46	11.26	666324	625949	6.06
					Average %D	5.89

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8645.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	220804	7.08
Aroclor-1016 {2}	4.05	3.98	4.12	285474	294180	3.05
Aroclor-1016 {3}	4.60	4.53	4.67	371376	378209	1.84
Aroclor-1016 {4}	5.11	5.03	5.17	166680	188878	13.32
Aroclor-1016 {5}	5.51	5.43	5.57	293615	298547	1.68
Aroclor-1260	8.30	7.39	9.19	849013	824791	2.85
Aroclor-1260 {2}	8.98	8.07	9.87	415817	383139	7.86
Aroclor-1260 {3}	9.45	8.54	10.34	956817	909776	4.92
Aroclor-1260 {4}	9.93	9.02	10.82	515317	476302	7.57
Aroclor-1260 {5}	11.00	10.09	11.89	221443	185577	16.20
					Average %D	6.64

Data File: R8645.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	237881	9.04
Aroclor-1016 {2}	4.01	3.94	4.08	440985	445891	1.11
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1032843	10.56
Aroclor-1016 {4}	4.93	4.86	5.00	404062	431741	6.85
Aroclor-1016 {5}	5.10	5.03	5.17	310589	334231	7.61
Aroclor-1260	7.43	6.53	8.33	363048	387634	6.77
Aroclor-1260 {2}	7.68	6.79	8.59	525762	551622	4.92
Aroclor-1260 {3}	9.26	8.37	10.17	456214	481351	5.51
Aroclor-1260 {4}	9.77	8.88	10.68	916569	997462	8.83
Aroclor-1260 {5}	10.36	9.46	11.26	666324	694792	4.27
					Average %D	6.55

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8656.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	223763	8.51
Aroclor-1016 {2}	4.05	3.98	4.12	285474	295032	3.35
Aroclor-1016 {3}	4.60	4.53	4.67	371376	376677	1.43
Aroclor-1016 {4}	5.11	5.03	5.17	166680	185933	11.55
Aroclor-1016 {5}	5.51	5.43	5.57	293615	293758	0.05
Aroclor-1260	8.30	7.39	9.19	849013	800750	5.68
Aroclor-1260 {2}	8.98	8.07	9.87	415817	381181	8.33
Aroclor-1260 {3}	9.45	8.54	10.34	956817	894611	6.50
Aroclor-1260 {4}	9.93	9.02	10.82	515317	469445	8.90
Aroclor-1260 {5}	11.00	10.09	11.89	221443	191935	13.33
					Average %D	6.76

Data File: R8656.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	239941	9.98
Aroclor-1016 {2}	4.00	3.94	4.08	440985	447763	1.54
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1035693	10.87
Aroclor-1016 {4}	4.93	4.86	5.00	404062	432538	7.05
Aroclor-1016 {5}	5.10	5.03	5.17	310589	333634	7.42
Aroclor-1260	7.43	6.53	8.33	363048	376310	3.65
Aroclor-1260 {2}	7.68	6.79	8.59	525762	540695	2.84
Aroclor-1260 {3}	9.26	8.37	10.17	456214	487606	6.88
Aroclor-1260 {4}	9.77	8.88	10.68	916569	978968	6.81
Aroclor-1260 {5}	10.36	9.46	11.26	666324	691885	3.84
					Average %D	6.09

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8697.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	230546	11.80
Aroclor-1016 {2}	4.05	3.98	4.12	285474	312687	9.53
Aroclor-1016 {3}	4.60	4.53	4.67	371376	390328	5.10
Aroclor-1016 {4}	5.11	5.03	5.17	166680	197655	18.58
Aroclor-1016 {5}	5.51	5.43	5.57	293615	307228	4.64
Aroclor-1260	8.30	7.39	9.19	849013	834980	1.65
Aroclor-1260 {2}	8.98	8.07	9.87	415817	388041	6.68
Aroclor-1260 {3}	9.45	8.54	10.34	956817	916185	4.25
Aroclor-1260 {4}	9.93	9.02	10.82	515317	478928	7.06
Aroclor-1260 {5}	11.00	10.09	11.89	221443	188609	14.83
					Average %D	8.41

Data File: R8697.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	247381	13.39
Aroclor-1016 {2}	4.01	3.94	4.08	440985	456944	3.62
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1063687	13.86
Aroclor-1016 {4}	4.93	4.86	5.00	404062	445533	10.26
Aroclor-1016 {5}	5.10	5.03	5.17	310589	342438	10.25
Aroclor-1260	7.43	6.53	8.33	363048	392863	8.21
Aroclor-1260 {2}	7.68	6.79	8.59	525762	562148	6.92
Aroclor-1260 {3}	9.27	8.37	10.17	456214	492090	7.86
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1022931	11.60
Aroclor-1260 {5}	10.36	9.46	11.26	666324	708838	6.38
					Average %D	9.24

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8703.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	226003	9.60
Aroclor-1016 {2}	4.05	3.98	4.12	285474	300024	5.10
Aroclor-1016 {3}	4.60	4.53	4.67	371376	385603	3.83
Aroclor-1016 {4}	5.11	5.03	5.17	166680	192570	15.53
Aroclor-1016 {5}	5.51	5.43	5.57	293615	304708	3.78
Aroclor-1260	8.30	7.39	9.19	849013	838592	1.23
Aroclor-1260 {2}	8.98	8.07	9.87	415817	387307	6.86
Aroclor-1260 {3}	9.45	8.54	10.34	956817	923055	3.53
Aroclor-1260 {4}	9.93	9.02	10.82	515317	487955	5.31
Aroclor-1260 {5}	11.00	10.09	11.89	221443	210712	4.85
					Average %D	5.96

Data File: R8703.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	242641	11.22
Aroclor-1016 {2}	4.01	3.94	4.08	440985	460050	4.32
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1055490	12.98
Aroclor-1016 {4}	4.93	4.86	5.00	404062	441468	9.26
Aroclor-1016 {5}	5.10	5.03	5.17	310589	346493	11.56
Aroclor-1260	7.43	6.53	8.33	363048	391628	7.87
Aroclor-1260 {2}	7.68	6.79	8.59	525762	561762	6.85
Aroclor-1260 {3}	9.27	8.37	10.17	456214	490238	7.46
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1018140	11.08
Aroclor-1260 {5}	10.36	9.46	11.26	666324	727305	9.15
					Average %D	9.18

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/11/2013 **Instrument ID:** GC-R

Data File: R8577.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.14	3.28	206206	226634	9.91
Aroclor-1016 {2}	4.05	3.98	4.12	285474	300957	5.42
Aroclor-1016 {3}	4.60	4.53	4.67	371376	380483	2.45
Aroclor-1016 {4}	5.11	5.03	5.17	166680	183798	10.27
Aroclor-1016 {5}	5.51	5.43	5.57	293615	292706	0.31
Aroclor-1260	8.30	7.39	9.19	849013	766736	9.69
Aroclor-1260 {2}	8.98	8.07	9.87	415817	351399	15.49
Aroclor-1260 {3}	9.45	8.54	10.34	956817	826361	13.63
Aroclor-1260 {4}	9.93	9.02	10.82	515317	429152	16.72
Aroclor-1260 {5}	11.00	10.09	11.89	221443	191125	13.69
					Average %D	9.76

Data File: R8577.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.44	3.37	3.51	218165	245439	12.50
Aroclor-1016 {2}	4.01	3.94	4.08	440985	462484	4.88
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1058869	13.35
Aroclor-1016 {4}	4.93	4.86	5.00	404062	439464	8.76
Aroclor-1016 {5}	5.10	5.03	5.17	310589	338532	9.00
Aroclor-1260	7.43	6.53	8.33	363048	367453	1.21
Aroclor-1260 {2}	7.68	6.79	8.59	525762	522382	0.64
Aroclor-1260 {3}	9.26	8.37	10.17	456214	440949	3.35
Aroclor-1260 {4}	9.77	8.88	10.68	916569	901078	1.69
Aroclor-1260 {5}	10.36	9.46	11.26	666324	625960	6.06
					Average %D	6.14

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 04/11/2013 **Instrument ID:** GC-R

Data File: R8600.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	218243	5.84
Aroclor-1016 {2}	4.05	3.98	4.12	285474	286885	0.49
Aroclor-1016 {3}	4.60	4.53	4.67	371376	366835	1.22
Aroclor-1016 {4}	5.11	5.03	5.17	166680	180396	8.23
Aroclor-1016 {5}	5.51	5.43	5.57	293615	285829	2.65
Aroclor-1260	8.30	7.39	9.19	849013	762134	10.23
Aroclor-1260 {2}	8.97	8.07	9.87	415817	348867	16.10
Aroclor-1260 {3}	9.45	8.54	10.34	956817	824637	13.81
Aroclor-1260 {4}	9.93	9.02	10.82	515317	442514	14.13
Aroclor-1260 {5}	11.00	10.09	11.89	221443	242751	9.62
					Average %D	8.23

Data File: R8600.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	235175	7.80
Aroclor-1016 {2}	4.01	3.94	4.08	440985	440067	0.21
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1006491	7.74
Aroclor-1016 {4}	4.93	4.86	5.00	404062	418124	3.48
Aroclor-1016 {5}	5.10	5.03	5.17	310589	325722	4.87
Aroclor-1260	7.43	6.53	8.33	363048	357318	1.58
Aroclor-1260 {2}	7.68	6.79	8.59	525762	509263	3.14
Aroclor-1260 {3}	9.27	8.37	10.17	456214	433572	4.96
Aroclor-1260 {4}	9.77	8.88	10.68	916569	883071	3.65
Aroclor-1260 {5}	10.36	9.46	11.26	666324	615820	7.58
					Average %D	4.50

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8656.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.14	3.28	206206	223763	8.51
Aroclor-1016 {2}	4.05	3.98	4.12	285474	295032	3.35
Aroclor-1016 {3}	4.60	4.53	4.67	371376	376677	1.43
Aroclor-1016 {4}	5.11	5.03	5.17	166680	185933	11.55
Aroclor-1016 {5}	5.51	5.43	5.57	293615	293758	0.05
Aroclor-1260	8.30	7.39	9.19	849013	800750	5.68
Aroclor-1260 {2}	8.98	8.07	9.87	415817	381181	8.33
Aroclor-1260 {3}	9.45	8.54	10.34	956817	894611	6.50
Aroclor-1260 {4}	9.93	9.02	10.82	515317	469445	8.90
Aroclor-1260 {5}	11.00	10.09	11.89	221443	191935	13.33
					Average %D	6.76

Data File: R8656.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.43	3.37	3.51	218165	239941	9.98
Aroclor-1016 {2}	4.00	3.94	4.08	440985	447763	1.54
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1035693	10.87
Aroclor-1016 {4}	4.93	4.86	5.00	404062	432538	7.05
Aroclor-1016 {5}	5.10	5.03	5.17	310589	333634	7.42
Aroclor-1260	7.43	6.53	8.33	363048	376310	3.65
Aroclor-1260 {2}	7.68	6.79	8.59	525762	540695	2.84
Aroclor-1260 {3}	9.26	8.37	10.17	456214	487606	6.88
Aroclor-1260 {4}	9.77	8.88	10.68	916569	978968	6.81
Aroclor-1260 {5}	10.36	9.46	11.26	666324	691885	3.84
					Average %D	6.09

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8668.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.14	3.28	206206	225827	9.52
Aroclor-1016 {2}	4.05	3.98	4.12	285474	301705	5.69
Aroclor-1016 {3}	4.60	4.53	4.67	371376	388054	4.49
Aroclor-1016 {4}	5.11	5.03	5.17	166680	192231	15.33
Aroclor-1016 {5}	5.51	5.43	5.57	293615	308240	4.98
Aroclor-1260	8.30	7.39	9.19	849013	862978	1.64
Aroclor-1260 {2}	8.98	8.07	9.87	415817	400114	3.78
Aroclor-1260 {3}	9.45	8.54	10.34	956817	954318	0.26
Aroclor-1260 {4}	9.93	9.02	10.82	515317	499970	2.98
Aroclor-1260 {5}	11.00	10.09	11.89	221443	208665	5.77
					Average %D	5.44

Data File: R8668.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.44	3.37	3.51	218165	242165	11.00
Aroclor-1016 {2}	4.01	3.94	4.08	440985	452428	2.59
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1055293	12.96
Aroclor-1016 {4}	4.93	4.86	5.00	404062	442838	9.60
Aroclor-1016 {5}	5.10	5.03	5.17	310589	341953	10.10
Aroclor-1260	7.43	6.53	8.33	363048	400041	10.19
Aroclor-1260 {2}	7.68	6.79	8.59	525762	571946	8.78
Aroclor-1260 {3}	9.27	8.37	10.17	456214	506322	10.98
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1056184	15.23
Aroclor-1260 {5}	10.36	9.46	11.26	666324	737492	10.68
					Average %D	10.21

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8697.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	230546	11.80
Aroclor-1016 {2}	4.05	3.98	4.12	285474	312687	9.53
Aroclor-1016 {3}	4.60	4.53	4.67	371376	390328	5.10
Aroclor-1016 {4}	5.11	5.03	5.17	166680	197655	18.58
Aroclor-1016 {5}	5.51	5.43	5.57	293615	307228	4.64
Aroclor-1260	8.30	7.39	9.19	849013	834980	1.65
Aroclor-1260 {2}	8.98	8.07	9.87	415817	388041	6.68
Aroclor-1260 {3}	9.45	8.54	10.34	956817	916185	4.25
Aroclor-1260 {4}	9.93	9.02	10.82	515317	478928	7.06
Aroclor-1260 {5}	11.00	10.09	11.89	221443	188609	14.83
					Average %D	8.41

Data File: R8697.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	247381	13.39
Aroclor-1016 {2}	4.01	3.94	4.08	440985	456944	3.62
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1063687	13.86
Aroclor-1016 {4}	4.93	4.86	5.00	404062	445533	10.26
Aroclor-1016 {5}	5.10	5.03	5.17	310589	342438	10.25
Aroclor-1260	7.43	6.53	8.33	363048	392863	8.21
Aroclor-1260 {2}	7.68	6.79	8.59	525762	562148	6.92
Aroclor-1260 {3}	9.27	8.37	10.17	456214	492090	7.86
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1022931	11.60
Aroclor-1260 {5}	10.36	9.46	11.26	666324	708838	6.38
					Average %D	9.24

AROCLOR CALIBRATION VERIFICATION SUMMARY

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

Data File: R8703.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	226003	9.60
Aroclor-1016 {2}	4.05	3.98	4.12	285474	300024	5.10
Aroclor-1016 {3}	4.60	4.53	4.67	371376	385603	3.83
Aroclor-1016 {4}	5.11	5.03	5.17	166680	192570	15.53
Aroclor-1016 {5}	5.51	5.43	5.57	293615	304708	3.78
Aroclor-1260	8.30	7.39	9.19	849013	838592	1.23
Aroclor-1260 {2}	8.98	8.07	9.87	415817	387307	6.86
Aroclor-1260 {3}	9.45	8.54	10.34	956817	923055	3.53
Aroclor-1260 {4}	9.93	9.02	10.82	515317	487955	5.31
Aroclor-1260 {5}	11.00	10.09	11.89	221443	210712	4.85
					Average %D	5.96

Data File: R8703.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	242641	11.22
Aroclor-1016 {2}	4.01	3.94	4.08	440985	460050	4.32
Aroclor-1016 {3}	4.73	4.66	4.80	934187	1055490	12.98
Aroclor-1016 {4}	4.93	4.86	5.00	404062	441468	9.26
Aroclor-1016 {5}	5.10	5.03	5.17	310589	346493	11.56
Aroclor-1260	7.43	6.53	8.33	363048	391628	7.87
Aroclor-1260 {2}	7.68	6.79	8.59	525762	561762	6.85
Aroclor-1260 {3}	9.27	8.37	10.17	456214	490238	7.46
Aroclor-1260 {4}	9.77	8.88	10.68	916569	1018140	11.08
Aroclor-1260 {5}	10.36	9.46	11.26	666324	727305	9.15
					Average %D	9.18

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

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	BLKS130408-17	04/10/2013	18:33	2.75		12.10		2.61		12.04	
S-7	03031-007	04/10/2013	18:51	2.76		12.10		2.61		12.04	
S-17A	03032-001	04/10/2013	19:08	2.76		12.10		2.61		12.04	
S-49A	03032-003	04/10/2013	19:25	2.76		12.10		2.61		12.04	
AEC1-MC-B	03035-006	04/10/2013	19:43	2.76		12.10		2.61		12.04	
18-COMP	03036-001	04/10/2013	20:00	2.76		12.10		2.61		12.04	
DD-37_(2.0	03068-002	04/10/2013	21:27	2.75		12.10		2.61		12.04	
EE-37_(2.0	03068-006	04/10/2013	22:36	2.75		12.10		2.61		12.04	
PCB	LCSS130408-17	04/11/2013	01:30	2.76		12.10		2.61		12.04	
AEC1-GT-A	03035-001	04/12/2013	00:44	2.76		12.10		2.61		12.04	
AEC1-GT-B	03035-002	04/12/2013	01:01	2.76		12.10		2.61		12.04	
DD-37_(0-2	03068-001	04/12/2013	01:19	2.76		12.10		2.61		12.04	
DD-36_(0-2	03068-003	04/12/2013	01:36	2.76		12.10		2.61		12.04	
EE-37_(0-2	03068-005	04/12/2013	01:53	2.76		12.10		2.61		12.04	
EE-36_(0-2	03068-007	04/12/2013	02:11	2.76		12.09		2.61		12.04	
FF-35_(0-2	03068-009	04/12/2013	02:28	2.76		12.10		2.61		12.03	
FF-34_(0-2	03068-011	04/12/2013	02:46	2.75		12.10		2.61		12.04	
PCB	03068-011MS	04/12/2013	03:03	2.76		12.10		2.61		12.04	
PCB	03068-011MSD	04/12/2013	03:20	2.76		12.10		2.61		12.04	
DD-36_(2.0	03068-004	04/12/2013	18:17	2.75		12.10		2.61		12.04	
EE-36_(2.0	03068-008	04/12/2013	18:34	2.75		12.10		2.61		12.04	
FF-35_(2.0	03068-010	04/12/2013	18:52	2.75		12.10		2.61		12.04	
AEC1-MC-A	03035-005	04/12/2013	19:09	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-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.76 **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	BLKS130408-18	04/11/2013	03:14	2.76		12.10		2.61		12.04	
FF-34_(2.0	03068-012	04/11/2013	03:32	2.76		12.10		2.61		12.04	
H-28_(2.0-	03068-013	04/11/2013	03:49	2.76		12.10		2.61		12.04	
G-28_(2.0-	03068-014	04/11/2013	04:06	2.76		12.10		2.61		12.04	
F-28_(2.0-	03068-015	04/11/2013	04:24	2.76		12.10		2.61		12.04	
W-13W_(2.0	03068-022	04/11/2013	06:25	2.76		12.10		2.61		12.04	
W-12W_(2.0	03068-023	04/11/2013	06:43	2.76		12.10		2.61		12.04	
W-13E_(2.0	03068-025	04/11/2013	07:18	2.76		12.10		2.61		12.04	
V-12N_(0-2	03068-027	04/11/2013	07:53	2.76		12.06		2.61		12.03	
W-13S_(0-2	03068-029	04/11/2013	08:10	2.76		12.10		2.61		11.94	
PCB	LCSS130408-18	04/11/2013	09:20	2.75		12.10		2.61		12.04	
W-12N_(0-2	03068-016	04/12/2013	04:13	2.76		12.10		2.61		12.04	
W-12N_(2.0	03068-017	04/12/2013	04:30	2.75		12.10		2.61		12.02	
W-12E_(0-2	03068-018	04/12/2013	04:47	2.76		12.10		2.61		12.04	
W-12S_(2.0	03068-020	04/12/2013	05:22	2.76		12.10		2.61		12.04	
W-13W_(0-2	03068-021	04/12/2013	05:40	2.76		12.10		2.61		12.04	
W-13E_(0-2	03068-024	04/12/2013	05:57	2.76		12.09		2.61		12.03	
V-11E_(0-2	03068-026	04/12/2013	06:15	2.75		12.10		2.61		12.03	
W-13S_(2.0	03068-030	04/12/2013	06:32	2.76		12.10		2.61		12.04	
PCB	03068-030MS	04/12/2013	06:50	2.76		12.10		2.61		12.04	
PCB	03068-030MSD	04/12/2013	07:07	2.76		12.10		2.61		12.04	
W-12E_(2.0	03068-019	04/12/2013	19:26	2.75		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-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 SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8648.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:19
Operator : JS
Sample : DD-37_(0-2,03068-001,S,5.61g,23.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,20
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:51:10 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	2.76	2.61	105.7E6	111.0E6	8.918	9.544	
Spiked Amount 200.000			Recovery	=	4.46%	4.77%	
2) S DCB	12.10	12.04	46018043	39253669	14.719	12.775	
Spiked Amount 200.000			Recovery	=	7.36%	6.39%	
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	4.73	284.5E6	307.4E6	674.417	754.619	
24) L6 Aroclor-1248 {2}	4.99	5.30	198.8E6	619.7E6	769.858	984.833	#
25) L6 Aroclor-1248 {3}	5.32	5.69	253.1E6	458.7E6	748.129	1013.946	#
26) L6 Aroclor-1248 {4}	6.01	5.84	817.5E6	476.8E6	1735.752	1240.258	#
27) L6 Aroclor-1248 {5}	0.00	6.18	0	291.6E6	N.D. d	1310.914	#
Sum Aroclor-1248			1554.0E6	2154.2E6	3928.155	5304.569	
Average Aroclor-1248					982.039	1060.914	
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	

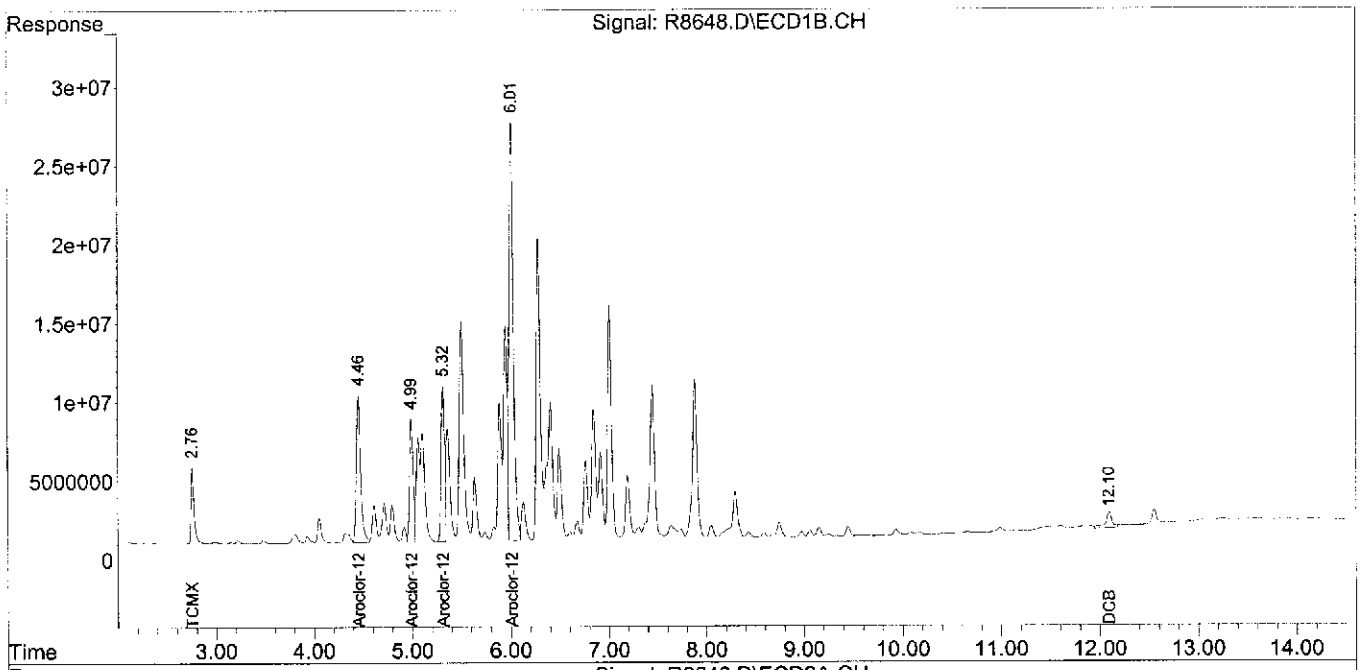
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

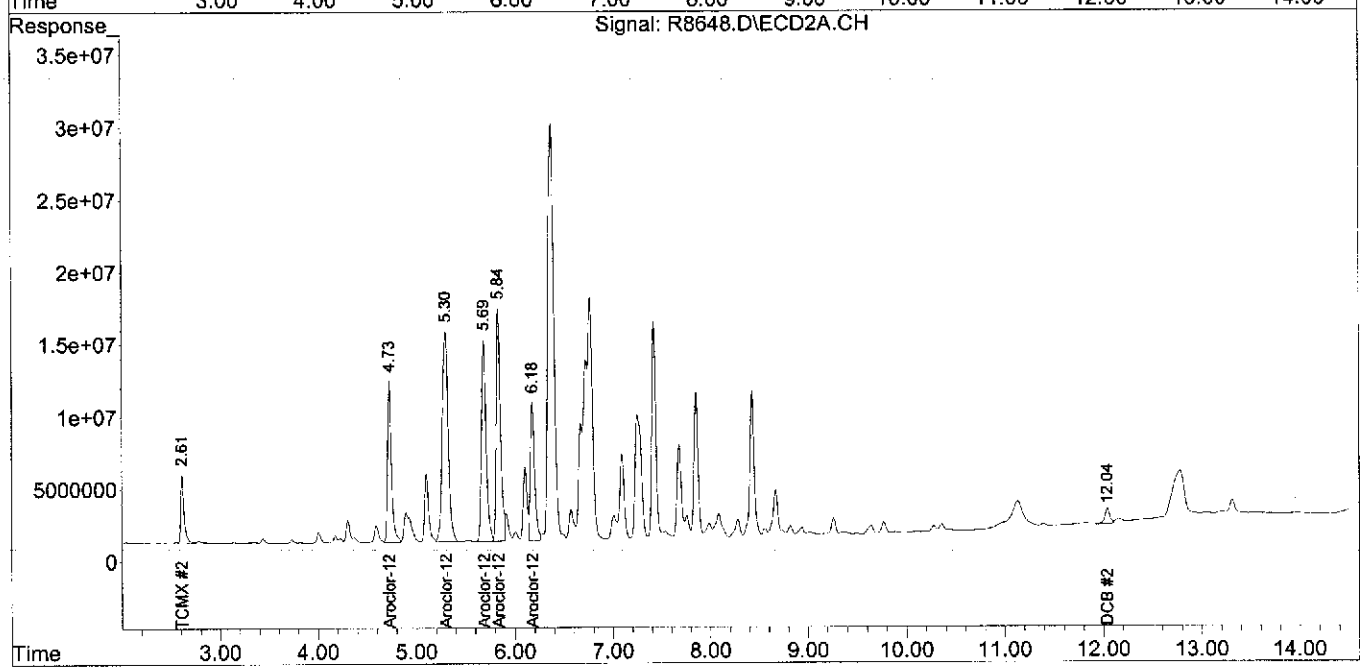
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8648.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:19
Operator : JS
Sample : DD-37_(0-2,03068-001,S,5.61g,23.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,20
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:51:10 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\04-10-13\
Data File : R8563.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 21:27
Operator : JS
Sample : DD-37_(2.0,03068-002,S,5.04g,41.3,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:42:07 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	1922.1E6	2274.2E6	162.148	195.604
Spiked Amount 200.000			Recovery	=	81.07%	97.80%
2) S DCB	12.10	12.04	635.1E6	584.1E6	203.118	190.084
Spiked Amount 200.000			Recovery	=	101.56%	95.04%
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	4.45	4.73	581.5E6	624.2E6	1378.557	1532.271
24) L6 Aroclor-1248 {2}	4.99	5.30	148.0E6	631.3E6	573.011	1003.358 #
25) L6 Aroclor-1248 {3}	5.31	5.69	527.2E6	497.1E6	1558.085m	1098.842 #
26) L6 Aroclor-1248 {4}	6.01	5.84	423.9E6	277.3E6	900.076	721.308
27) L6 Aroclor-1248 {5}	0.00	6.18	0	174.5E6	N.D. d	784.562 #
Sum Aroclor-1248			1680.6E6	2204.5E6	4409.730	5140.342
Average Aroclor-1248					1102.432	1028.068
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	98069778	0	115.510	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	7.68	84894462	98141021	204.163	186.664
35) L8 Aroclor-1260 {3}	9.45	9.26	73072601	52174901	76.371	114.365 #
36) L8 Aroclor-1260 {4}	9.93	9.77	26796921	66894789	52.001m	72.984 #
37) L8 Aroclor-1260 {5}	10.99	10.35	22905951	44010896	103.439m	66.050 #
Sum Aroclor-1260			305.7E6	261.2E6	551.484	440.063
Average Aroclor-1260					110.297	110.016
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8563.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 21:27
Operator : JS
Sample : DD-37_(2.0,03068-002,S,5.04g,41.3,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:42:07 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

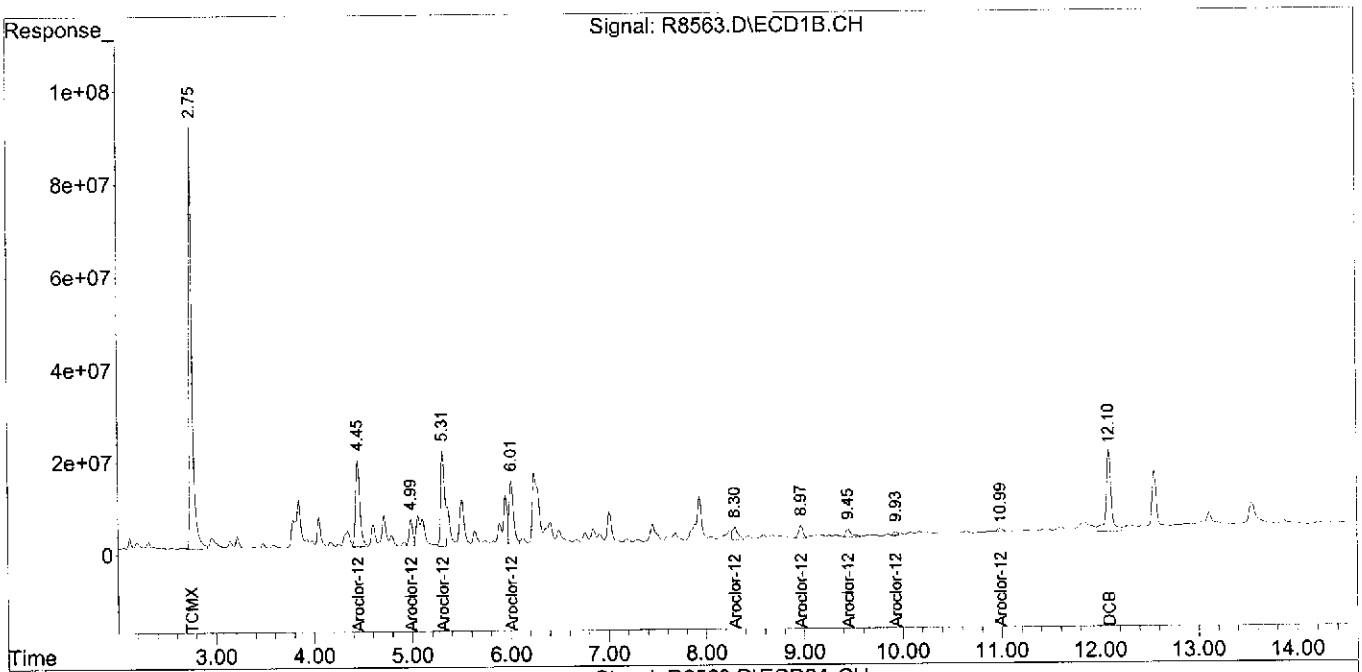
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

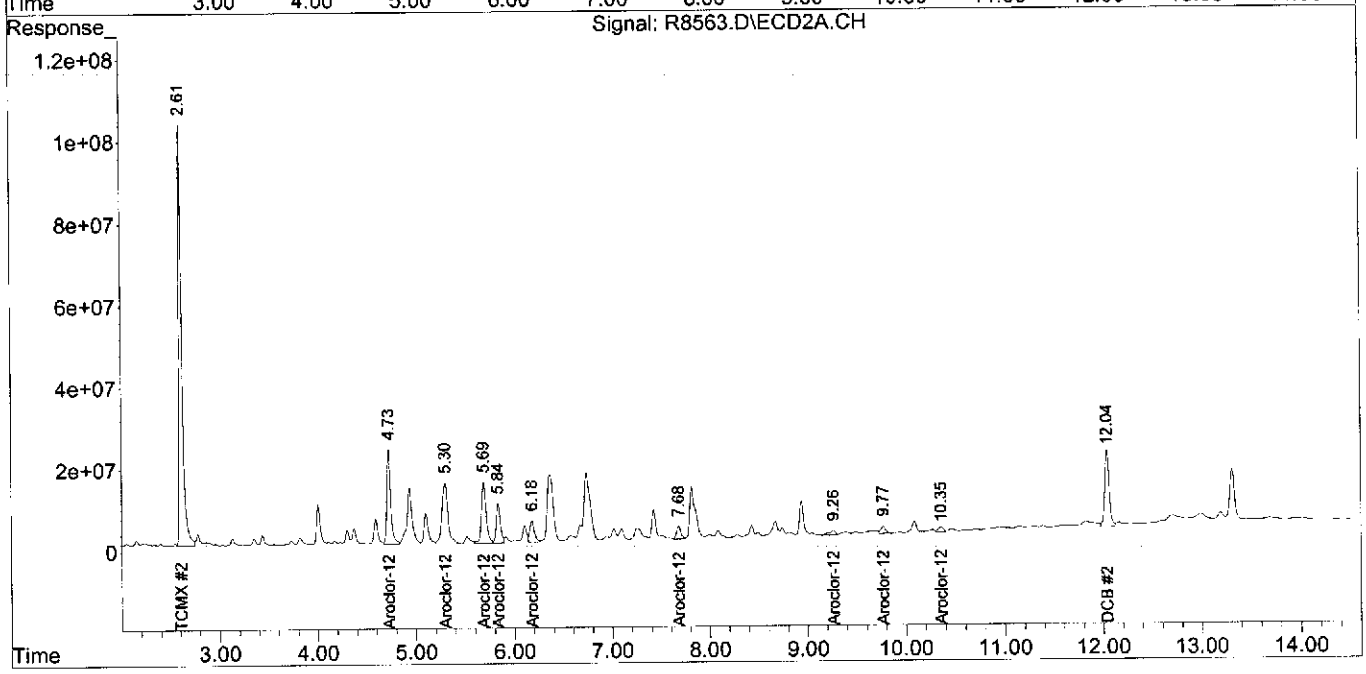
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8563.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 21:27
Operator : JS
Sample : DD-37_(2.0,03068-002,S,5.04g,41.3,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:42:07 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\04-11-13\
Data File : R8649.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:36
Operator : JS
Sample : DD-36_(0-2,03068-003,S,5.32g,23.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:24 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	2.76	2.61	48842706	50797922	4.120	4.369
Spiked Amount 200.000			Recovery =		2.06%	2.18%
2) S DCB	12.10	12.04	10662243	12625678	3.410m	4.109m
Spiked Amount 200.000			Recovery =		1.70%	2.05%
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	252.8E6	275.4E6	599.379	676.018
24) L6 Aroclor-1248 {2}	4.99	5.30	167.0E6	543.8E6	646.610	864.286 #
25) L6 Aroclor-1248 {3}	5.31	5.69	236.9E6	411.2E6	700.180	908.907 #
26) L6 Aroclor-1248 {4}	6.01	5.84	557.8E6	387.8E6	1184.273	1008.812
27) L6 Aroclor-1248 {5}	0.00	6.18	0	209.8E6	N.D. d	943.036 #
Sum Aroclor-1248			1214.5E6	1828.0E6	3130.443	4401.060
Average Aroclor-1248					782.611	880.212
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	61093341	0	71.958m	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	0.00	11767676	0	28.300	N.D. d#
35) L8 Aroclor-1260 {3}	9.45	9.26	28388724	35045986	29.670	76.819 #
36) L8 Aroclor-1260 {4}	9.93	9.77	15753330	35575011	30.570	38.813 #
37) L8 Aroclor-1260 {5}	10.99	10.35	9210057	22742031	41.591m	34.131
Sum Aroclor-1260			126.2E6	93363027	202.089	149.763
Average Aroclor-1260					40.418	49.921
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8649.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:36
Operator : JS
Sample : DD-36_(0-2,03068-003,S,5.32g,23.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:24 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

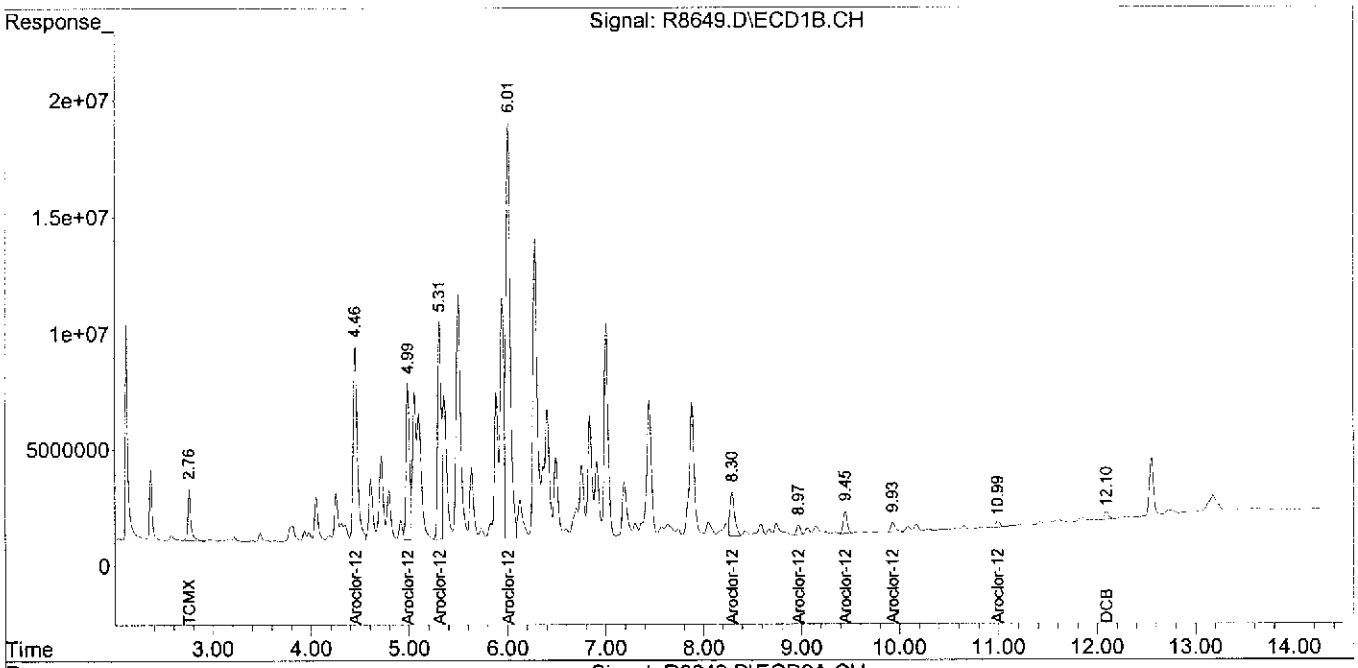
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

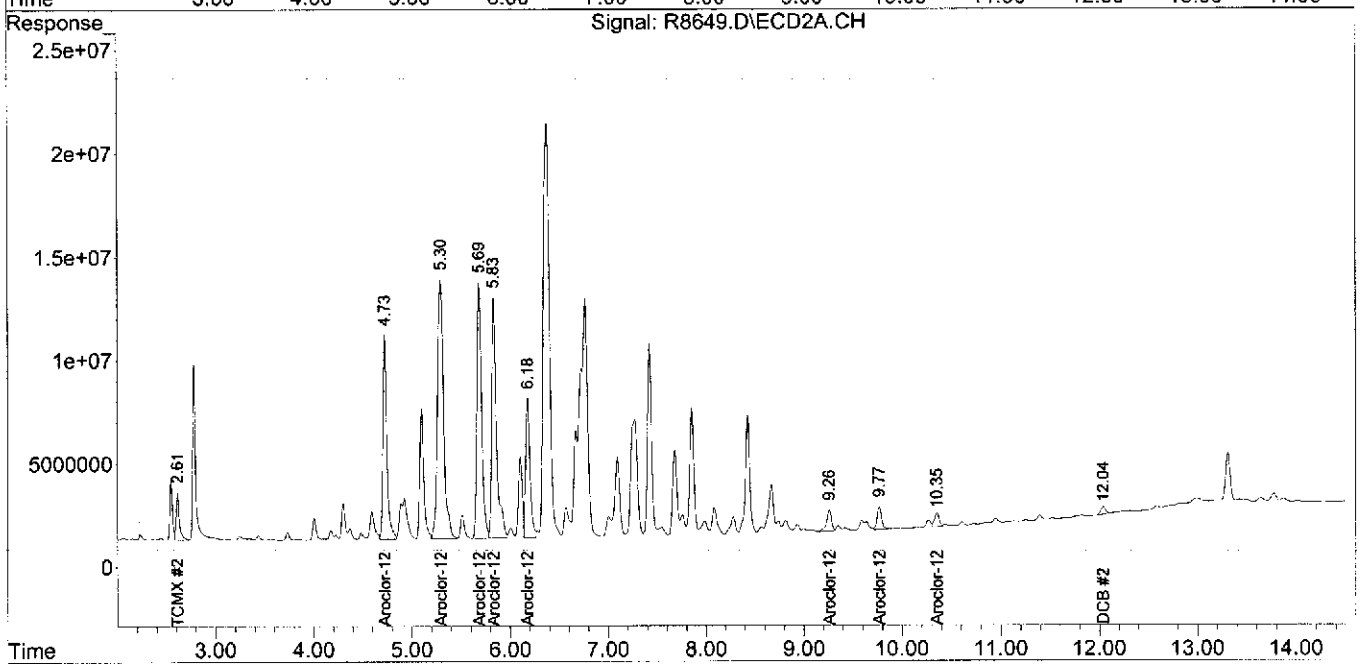
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8649.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:36
Operator : JS
Sample : DD-36_(0-2,03068-003,S,5.32g,23.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:24 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\04-12-13\
Data File : R8698.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:17
Operator : JS
Sample : DD-36_(2.0,03068-004,S,5.39g,44.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:21:35 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	2190.0E6	2305.8E6	184.752	198.323
Spiked Amount 200.000			Recovery	=	92.38%	99.16%
2) S DCB	12.10	12.04	636.7E6	695.8E6	203.642	226.436
Spiked Amount 200.000			Recovery	=	101.82%	113.22%
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	4.73	12034519	16768314	28.530	41.163m#
24) L6 Aroclor-1248 {2}	4.99	5.30	8112741	26211557	31.413	41.657m#
25) L6 Aroclor-1248 {3}	0.00	5.69	0	23125009	N.D. d	51.117m#
26) L6 Aroclor-1248 {4}	6.01	5.84	32786565	20949248	69.611	54.491m
27) L6 Aroclor-1248 {5}	0.00	6.16	0	19980419	N.D. d	89.819m#
Sum Aroclor-1248			52933825	107.0E6	129.555	278.246
Average Aroclor-1248					43.185	55.649
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

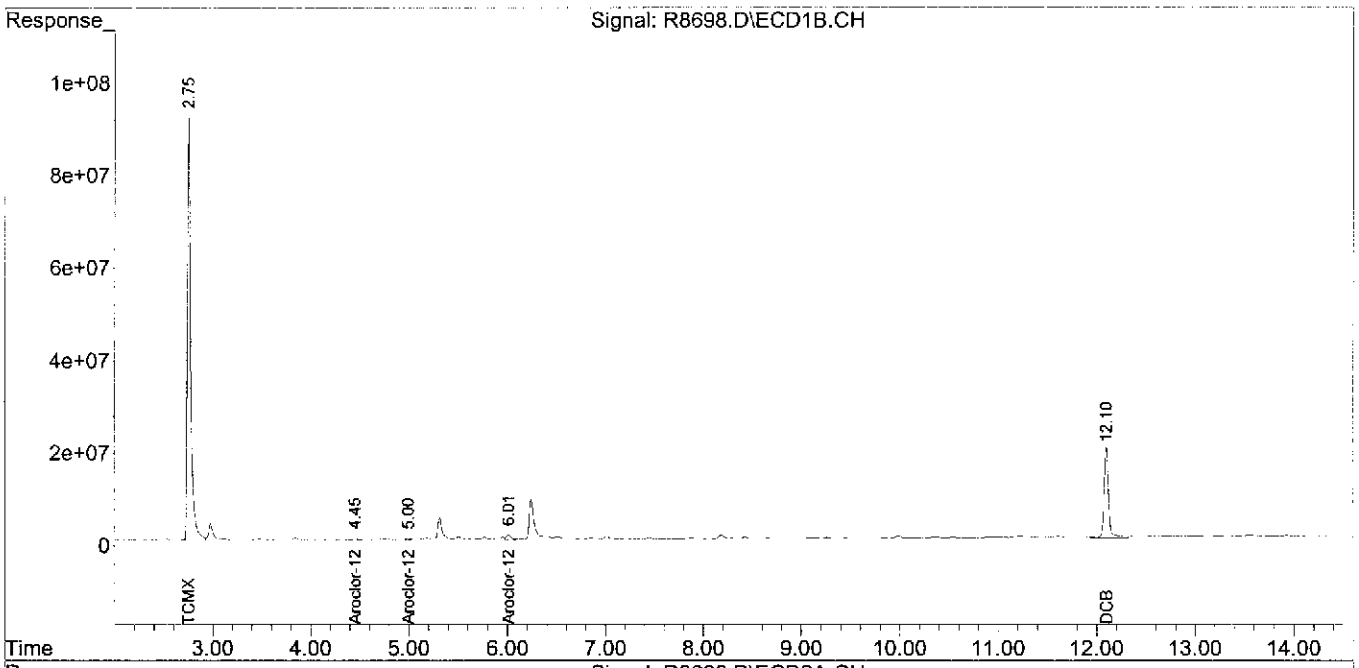
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

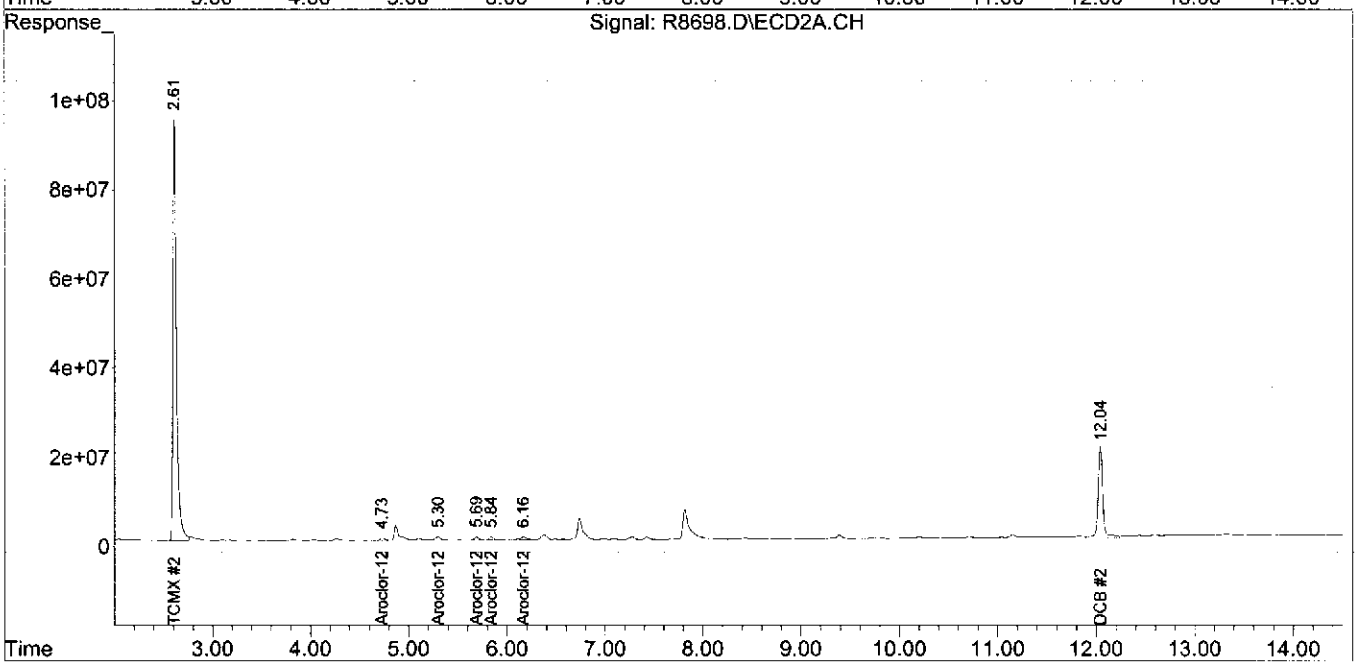
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8698.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:17
Operator : JS
Sample : DD-36_(2.0,03068-004,S,5.39g,44.6,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:21:35 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\04-11-13\
Data File : R8650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:53
Operator : JS
Sample : EE-37_(0-2,03068-005,S,5.03g,26.9,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,10
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:55:38 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	2.76	2.61	265.9E6	244.0E6	22.435	20.984	
Spiked Amount 200.000			Recovery	=	11.22%	10.49%	
2) S DCB	12.10	12.04	93142188	80628485	29.791	26.241	
Spiked Amount 200.000			Recovery	=	14.90%	13.12%	
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	509.0E6	559.0E6	1206.638	1372.196	
24) L6 Aroclor-1248 {2}	4.99	5.30	307.5E6	1169.8E6	1190.538	1859.164	#
25) L6 Aroclor-1248 {3}	5.31	5.69	442.3E6	815.5E6	1307.335	1802.679	#
26) L6 Aroclor-1248 {4}	6.01	5.84	988.6E6	713.0E6	2098.912m	1854.592	
27) L6 Aroclor-1248 {5}	0.00	6.18	0	354.2E6	N.D. d	1592.353	#
Sum Aroclor-1248			2247.4E6	3611.6E6	5803.423	8480.984	
Average Aroclor-1248					1450.856	1696.197	
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	

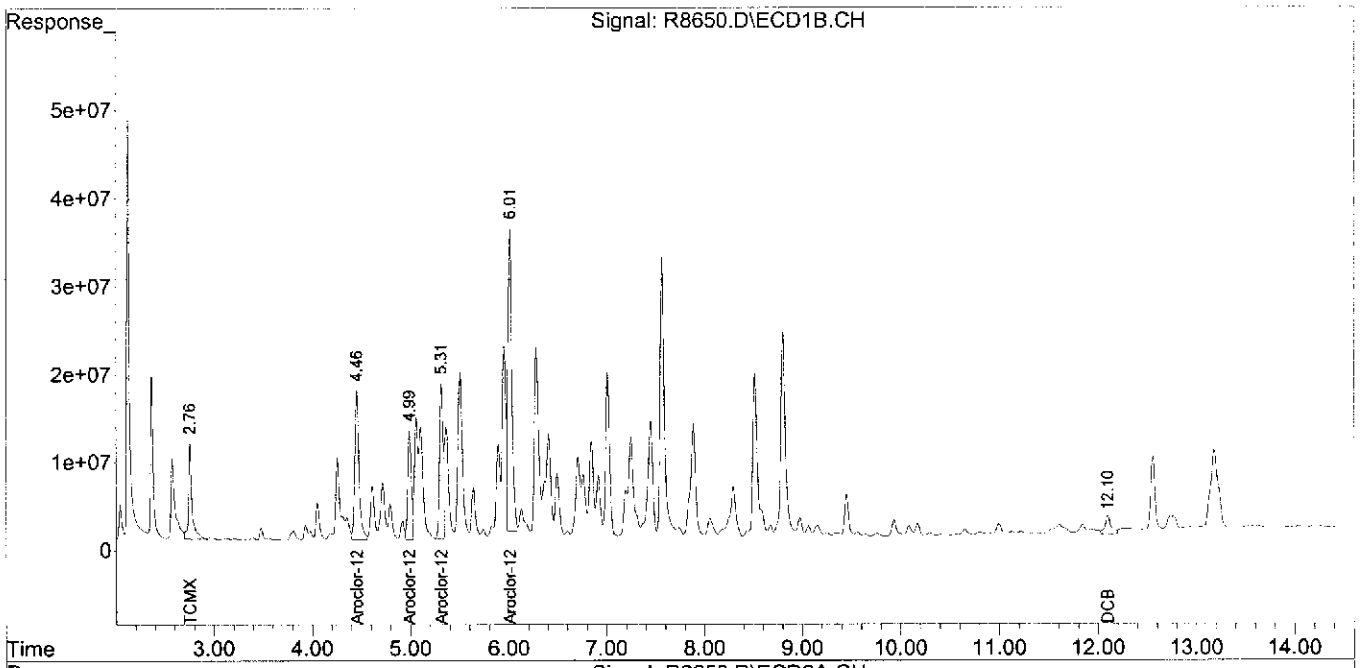
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

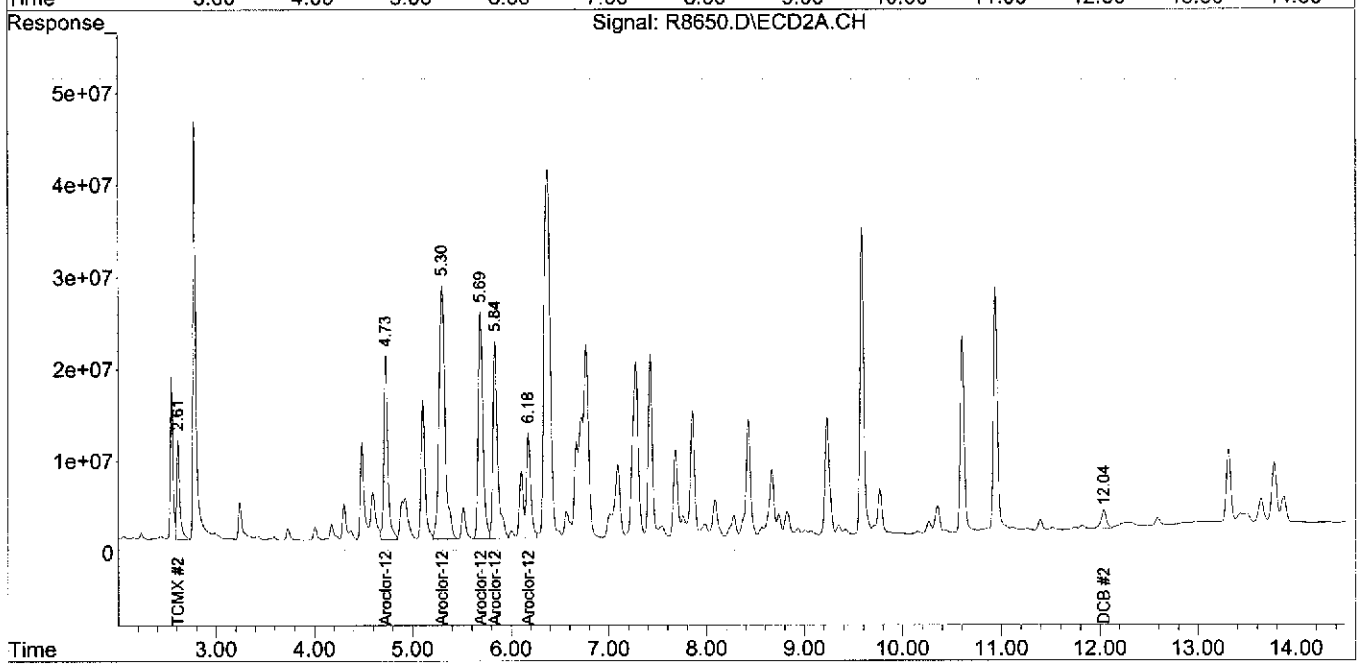
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8650.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 1:53
Operator : JS
Sample : EE-37_(0-2,03068-005,S,5.03g,26.9,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,10
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:55:38 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\04-10-13\
Data File : R8567.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 22:36
Operator : JS
Sample : EE-37_(2.0,03068-006,S,5.02g,35.8,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:45:46 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	1867.5E6	2164.1E6	157.545	186.135
Spiked Amount 200.000			Recovery	=	78.77%	93.07%
2) S DCB	12.10	12.04	595.8E6	595.9E6	190.558	193.951
Spiked Amount 200.000			Recovery	=	95.28%	96.98%
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	4.73	635.6E6	682.3E6	1506.737	1674.800
24) L6 Aroclor-1248 {2}	4.99	5.30	231.0E6	869.2E6	894.513	1381.366 #
25) L6 Aroclor-1248 {3}	5.31	5.69	530.6E6	723.9E6	1568.069	1600.146
26) L6 Aroclor-1248 {4}	6.01	5.84	766.5E6	574.5E6	1627.426	1494.367
27) L6 Aroclor-1248 {5}	0.00	6.18	0	315.7E6	N.D. d	1419.115 #
Sum Aroclor-1248			2163.6E6	3165.5E6	5596.745	7569.794
Average Aroclor-1248					1399.186	1513.959
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.28	0.00	115.4E6	0	135.946m	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	0.00	32018927	0	77.002	N.D. d#
35) L8 Aroclor-1260 {3}	9.45	9.26	89027745	50185764	93.046	110.005m
36) L8 Aroclor-1260 {4}	9.93	9.77	42511936	71952083	82.497	78.502
37) L8 Aroclor-1260 {5}	10.99	10.35	35297497	55991668	159.397m	84.031m#
Sum Aroclor-1260			314.3E6	178.1E6	547.888	272.537
Average Aroclor-1260					109.578	90.846
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8567.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 22:36
Operator : JS
Sample : EE-37_(2.0,03068-006,S,5.02g,35.8,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:45:46 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

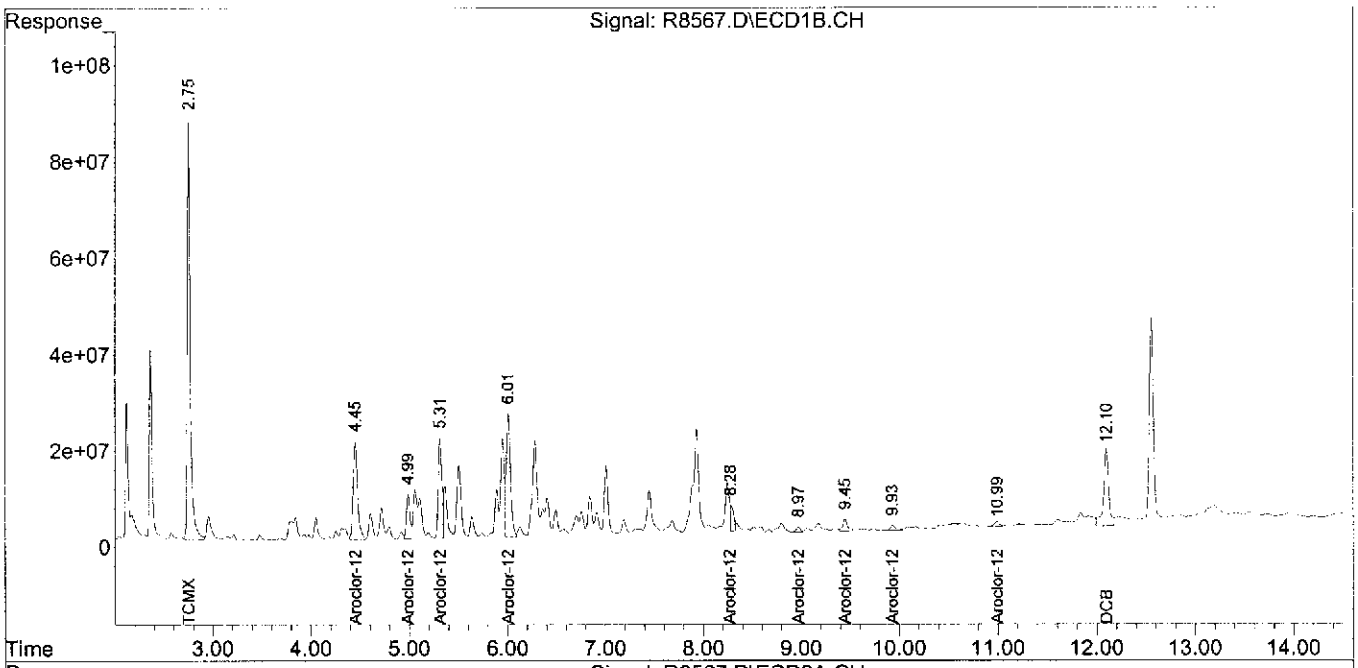
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

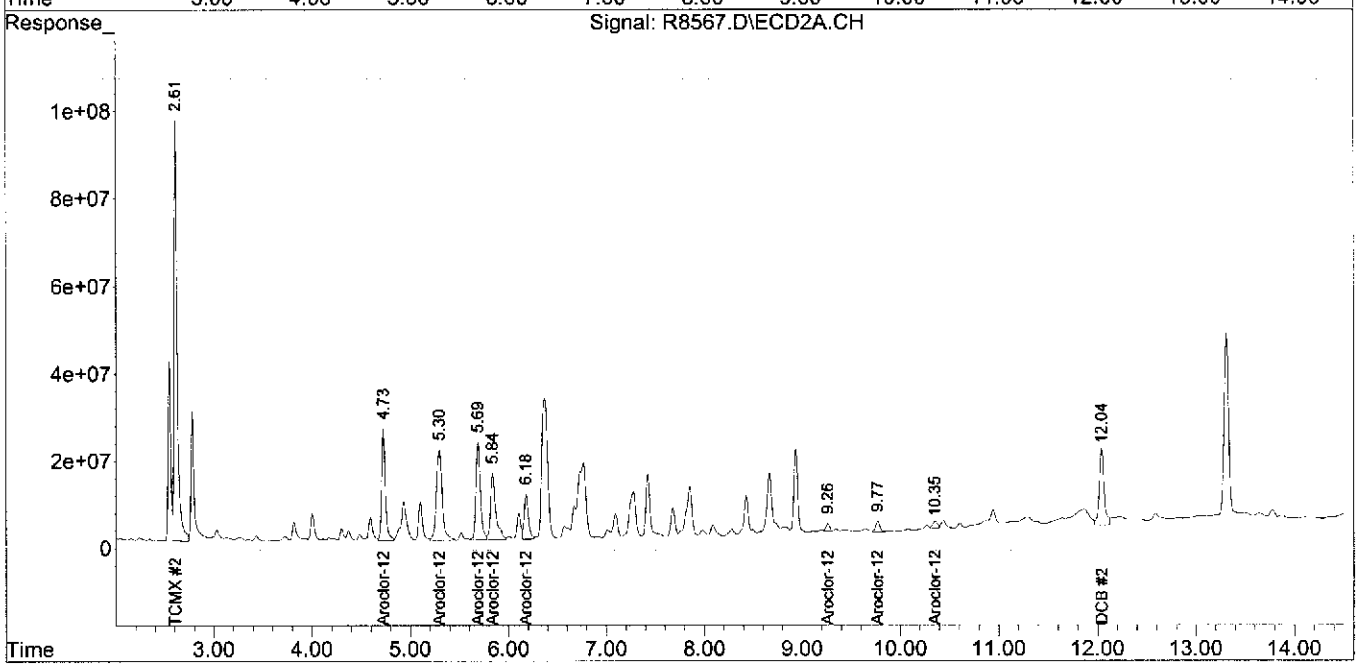
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8567.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 22:36
Operator : JS
Sample : EE-37_(2.0,03068-006,S,5.02g,35.8,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:45:46 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\04-11-13\
Data File : R8651.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:11
Operator : JS
Sample : EE-36_(0-2,03068-007,S,5.74g,21.2,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:58 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	2.76	2.61	46764432	45034496	3.945	3.873
Spiked Amount 200.000			Recovery	=	1.97%	1.94%
2) S DCB	12.09	12.04	7478787	10026954	2.392m	3.263m#
Spiked Amount 200.000			Recovery	=	1.20%	1.63%
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	4.73	387.7E6	396.1E6	919.160	972.332
24) L6 Aroclor-1248 {2}	4.99	5.30	163.0E6	565.2E6	631.181	898.195 #
25) L6 Aroclor-1248 {3}	5.31	5.69	233.2E6	408.7E6	689.159	903.382 #
26) L6 Aroclor-1248 {4}	6.01	5.84	414.0E6	354.8E6	878.898	922.798
27) L6 Aroclor-1248 {5}	0.00	6.18	0	158.9E6	N.D. d	714.450 #
Sum Aroclor-1248			1197.9E6	1883.7E6	3118.399	4411.158
Average Aroclor-1248					779.600	882.232
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	71234365	0	83.903	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	0.00	23495454	0	56.504	N.D. d#
35) L8 Aroclor-1260 {3}	9.45	9.26	59061085	38497358	61.727	84.384 #
36) L8 Aroclor-1260 {4}	9.93	9.77	25562300	66793390	49.605m	72.873 #
37) L8 Aroclor-1260 {5}	10.99	10.35	16613143	46094695	75.022m	69.178
Sum Aroclor-1260			196.0E6	151.4E6	326.761	226.435
Average Aroclor-1260					65.352	75.478
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8651.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:11
Operator : JS
Sample : EE-36_(0-2,03068-007,S,5.74g,21.2,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:58 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

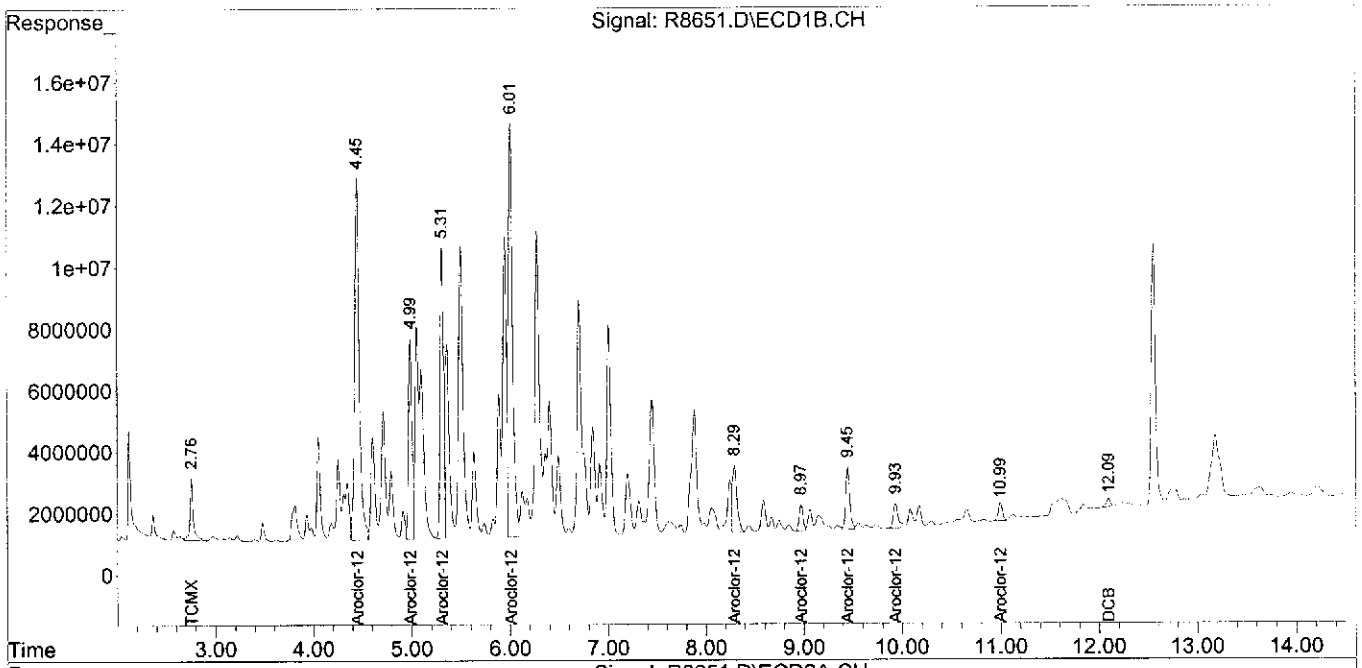
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

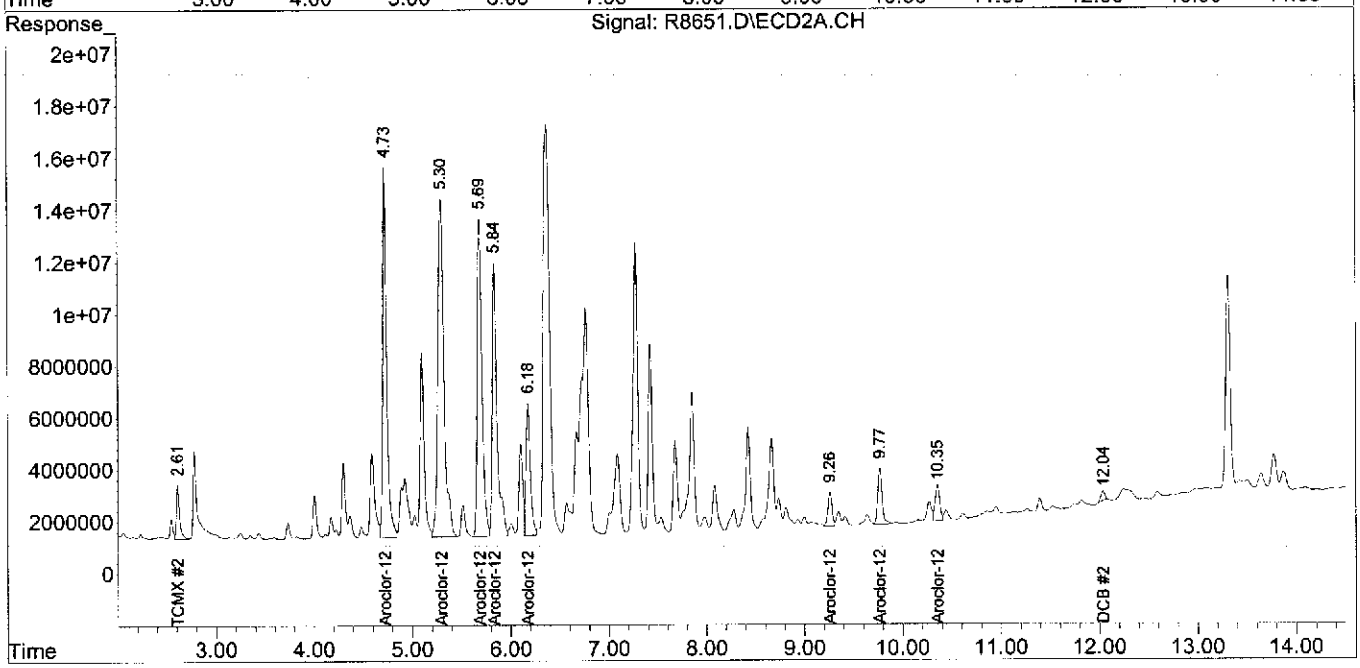
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8651.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:11
Operator : JS
Sample : EE-36_(0-2,03068-007,S,5.74g,21.2,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,50
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:52:58 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\04-12-13\
Data File : R8699.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:34
Operator : JS
Sample : EE-36_(2.0,03068-008,S,5.05g,49.7,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:37:11 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	2006.8E6	2135.8E6	169.297	183.699
Spiked Amount 200.000			Recovery	=	84.65%	91.85%
2) S DCB	12.10	12.04	554.5E6	531.3E6	177.343	172.900
Spiked Amount 200.000			Recovery	=	88.67%	86.45%
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	16308001	15876213	38.661	38.973m
24) L6 Aroclor-1248 {2}	4.99	5.30	5755024	18507457	22.284m	29.413m#
25) L6 Aroclor-1248 {3}	0.00	5.69	0	15695811	N.D. d	34.695m#
26) L6 Aroclor-1248 {4}	6.01	5.84	15915593	11565955	33.792	30.084m
27) L6 Aroclor-1248 {5}	0.00	6.18	0	11424203	N.D. d	51.356m#
Sum Aroclor-1248			37978619	73069639	94.736	184.520
Average Aroclor-1248					31.579	36.904
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

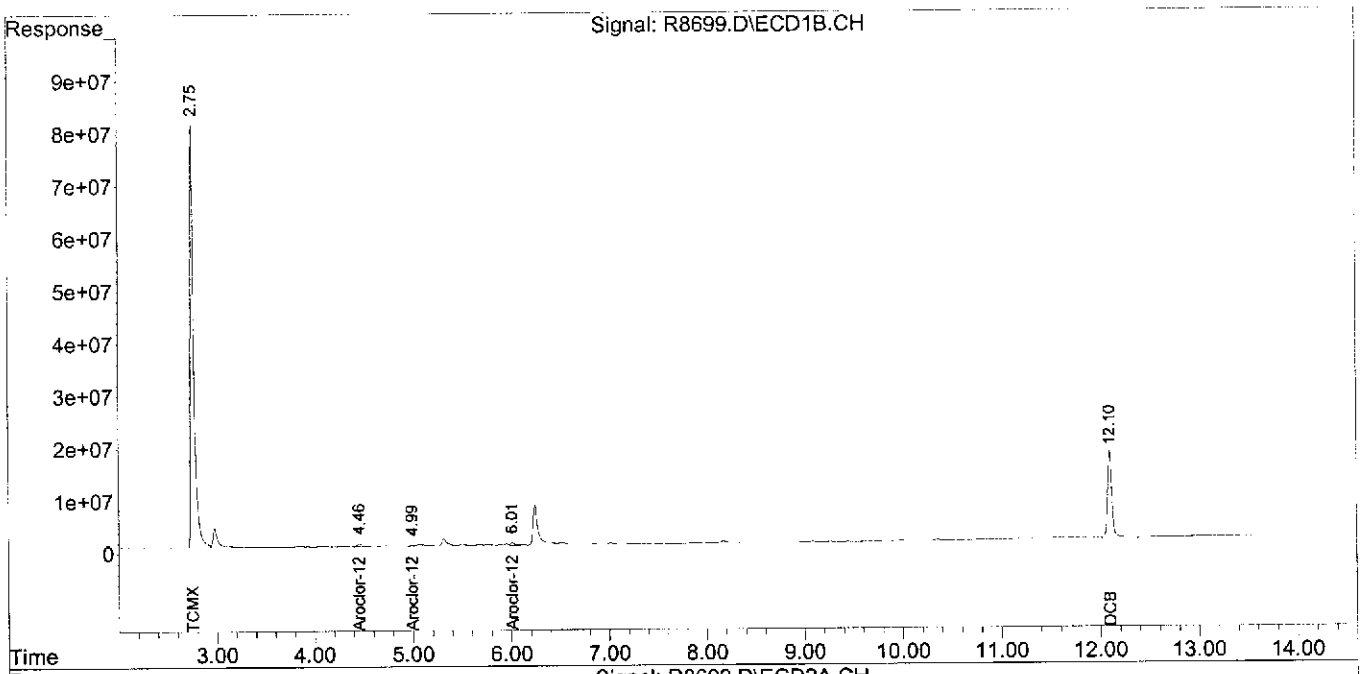
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

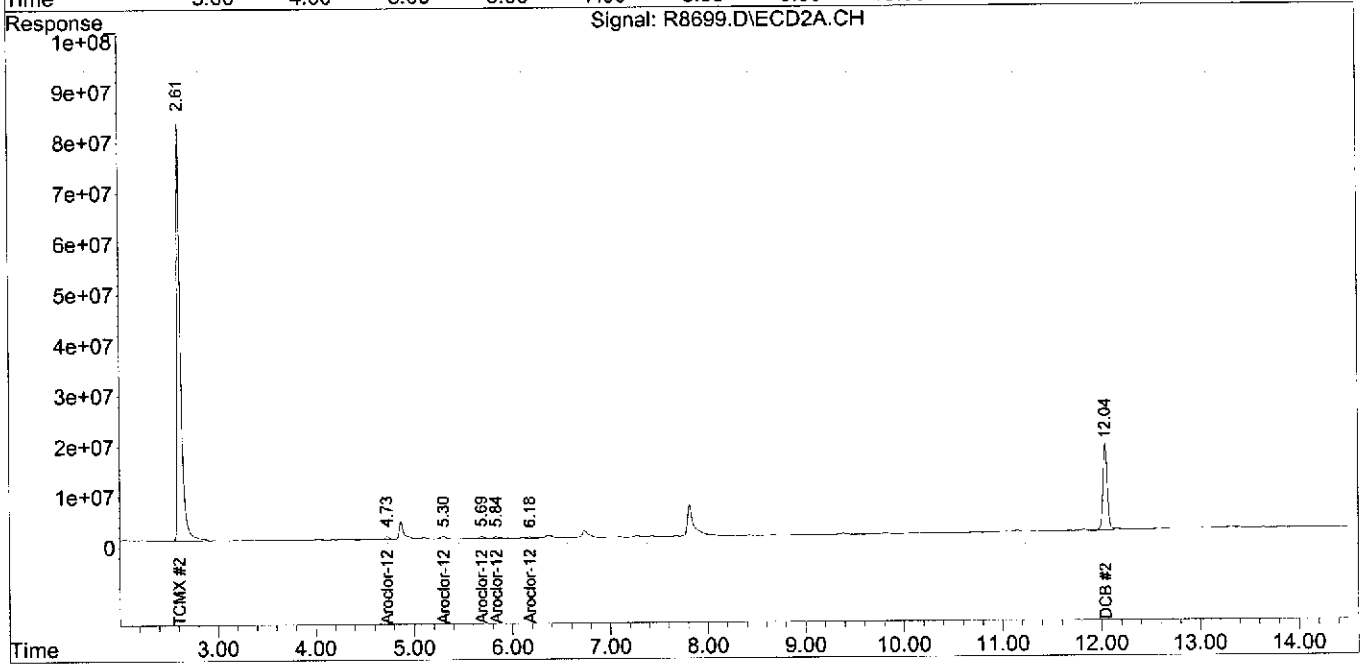
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8699.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:34
Operator : JS
Sample : EE-36_(2.0,03068-008,S,5.05g,49.7,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:37:11 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\04-11-13\
Data File : R8652.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:28
Operator : JS
Sample : FF-35_(0-2,03068-009,S,5.14g,25.5,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,20
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:59:35 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	2.76	2.61	99581438	110.8E6	8.401m	9.531m
Spiked Amount 200.000			Recovery	=	4.20%	4.77%
2) S DCB	12.10	12.03	32850390	42210582	10.507m	13.737m#
Spiked Amount 200.000			Recovery	=	5.25%	6.87%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	4.73	320.2E6	370.5E6	759.036	909.406
24) L6 Aroclor-1248 {2}	4.99	5.30	158.7E6	597.9E6	614.396	950.180m#
25) L6 Aroclor-1248 {3}	5.31	5.69	227.6E6	423.2E6	672.627	935.367 #
26) L6 Aroclor-1248 {4}	6.01	5.84	631.4E6	371.9E6	1340.609	967.246 #
27) L6 Aroclor-1248 {5}	0.00	6.18	0	216.1E6	N.D. d	971.651 #
Sum Aroclor-1248			1337.8E6	1979.5E6	3386.668	4733.849
Average Aroclor-1248					846.667	946.770
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

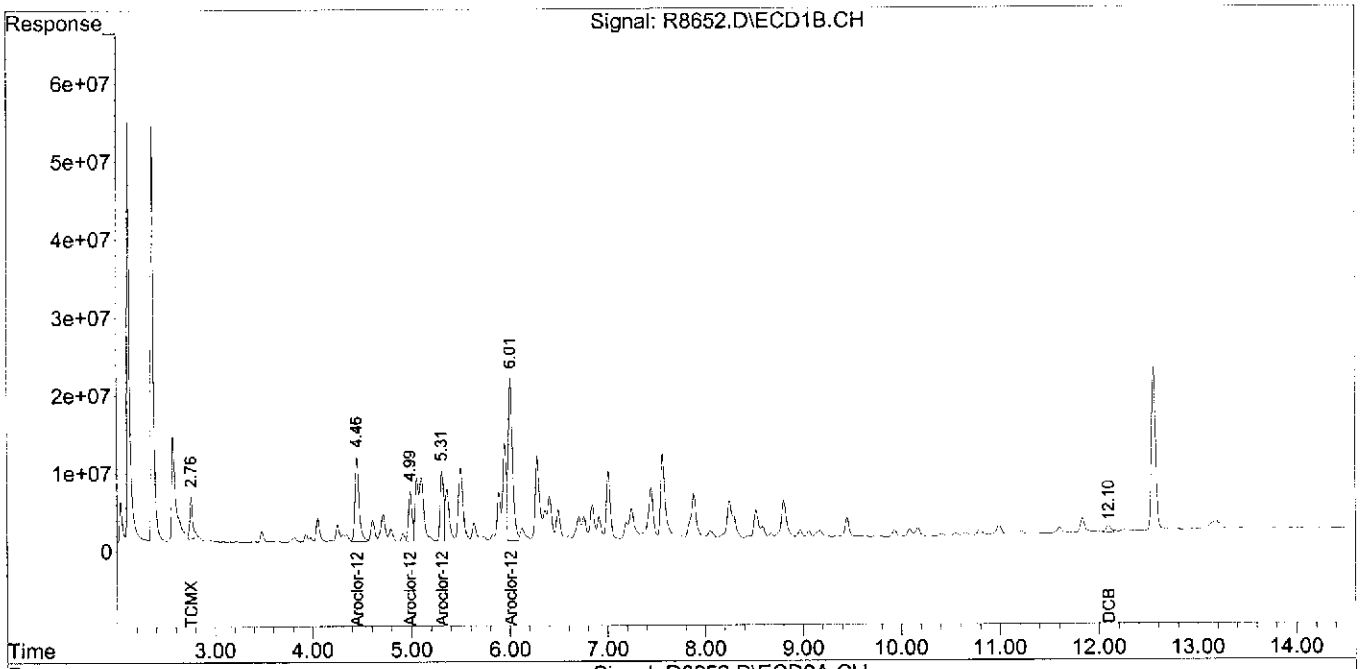
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

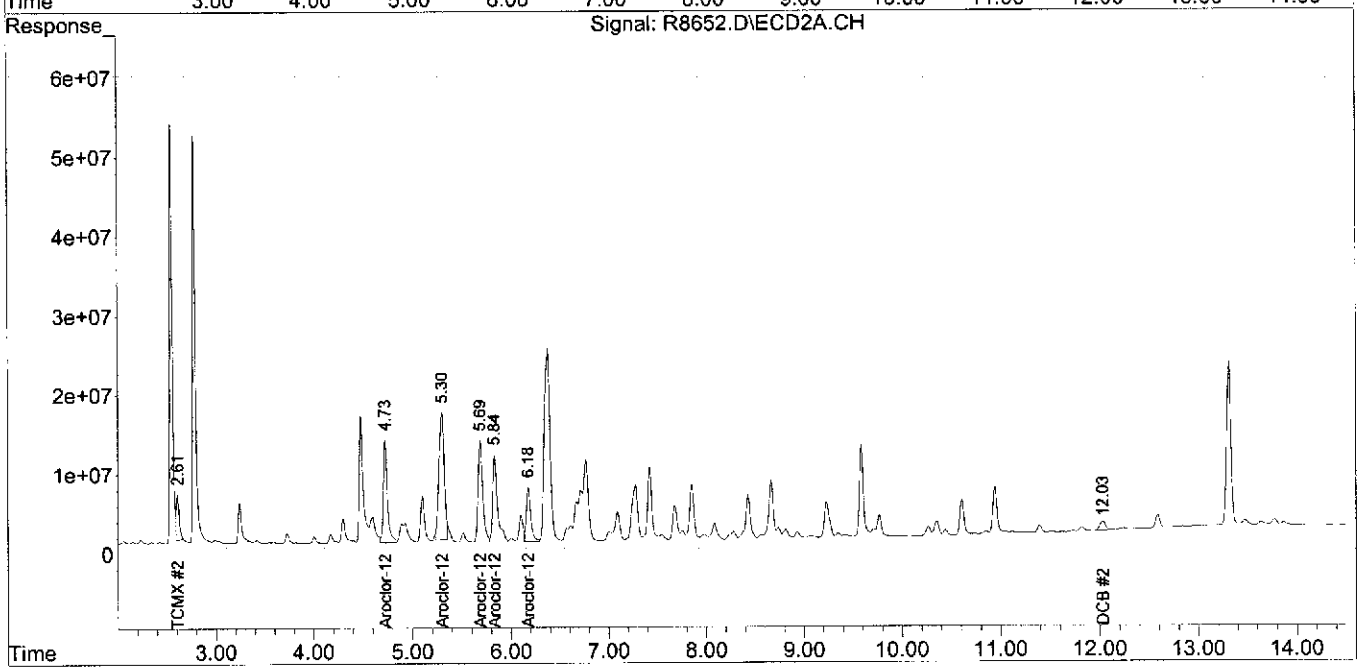
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8652.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:28
Operator : JS
Sample : FF-35_(0-2,03068-009,S,5.14g,25.5,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,20
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 10:59:35 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\04-12-13\
Data File : R8700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:52
Operator : JS
Sample : FF-35_(2.0,03068-010,S,5.34g,24.4,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:41:01 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	1727.5E6	1963.8E6	145.735	168.904
Spiked Amount 200.000			Recovery	=	72.87%	84.45%
2) S DCB	12.10	12.04	490.5E6	535.8E6	156.881	174.391
Spiked Amount 200.000			Recovery	=	78.44%	87.20%
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	15046147	12113961	35.670m	29.737m
24) L6 Aroclor-1248 {2}	5.00	5.30	8808554	18243621	34.107	28.994m
25) L6 Aroclor-1248 {3}	0.00	5.69	0	24571854	N.D. d	54.315m#
26) L6 Aroclor-1248 {4}	6.02	5.84	22940676	13370670	48.707m	34.778m#
Sum Aroclor-1248			46795376	68300106	118.484	147.824
Average Aroclor-1248					39.495	36.956
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

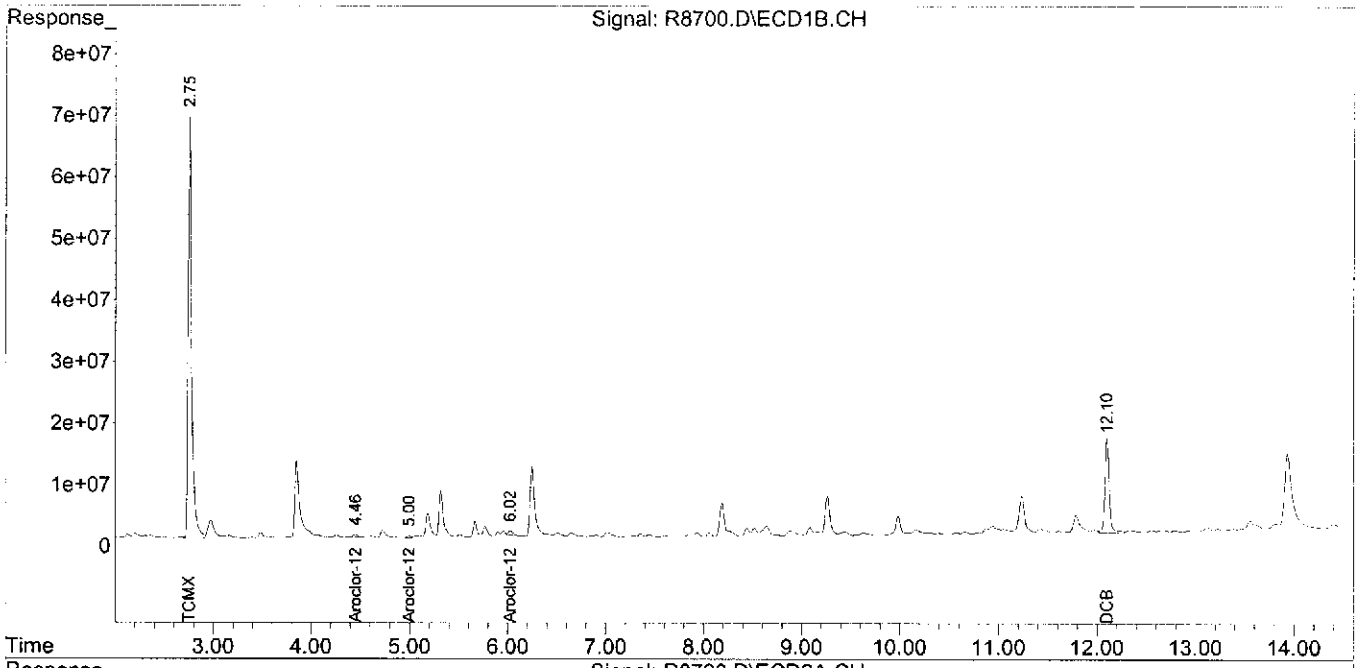
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

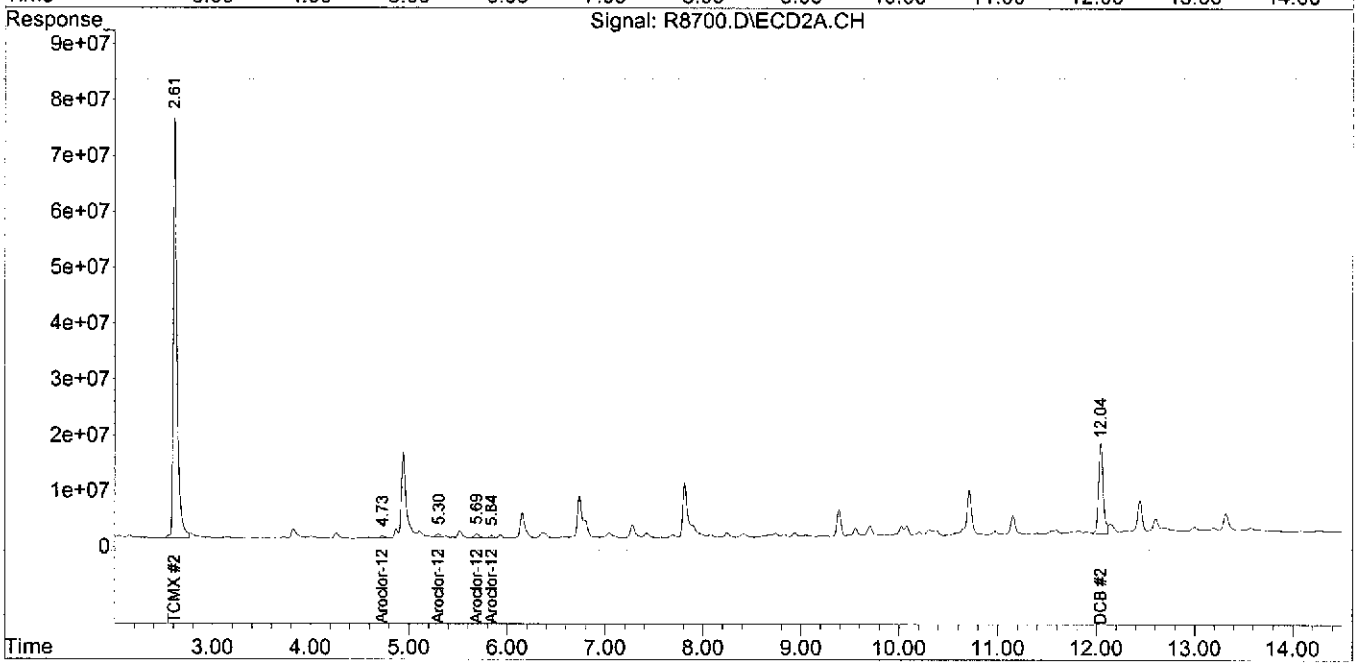
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 18:52
Operator : JS
Sample : FF-35_(2.0,03068-010,S,5.34g,24.4,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:41:01 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\04-11-13\
Data File : R8653.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:46
Operator : JS
Sample : FF-34_(0-2,03068-011,S,5.47g,23.5,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,10
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:00:42 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	196.3E6	226.2E6	16.563	19.459
Spiked Amount 200.000			Recovery	=	8.28%	9.73%
2) S DCB	12.10	12.04	89156897	86464033	28.516	28.140
Spiked Amount 200.000			Recovery	=	14.26%	14.07%
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	4.73	509.1E6	537.8E6	1206.797	1320.266
24) L6 Aroclor-1248 {2}	4.99	5.30	346.3E6	963.7E6	1340.744	1531.559
25) L6 Aroclor-1248 {3}	5.31	5.69	439.7E6	717.7E6	1299.432	1586.548
26) L6 Aroclor-1248 {4}	6.01	5.84	600.7E6	535.3E6	1275.317	1392.301
27) L6 Aroclor-1248 {5}	0.00	6.18	0	244.1E6	N.D. d	1097.270 #
Sum Aroclor-1248			1895.6E6	2998.6E6	5122.290	6927.943
Average Aroclor-1248					1280.573	1385.589
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	397.7E6	0	468.432	N.D. d#
34) L8 Aroclor-1260 {2}	8.97	7.68	153.5E6	298.7E6	369.172	568.132 #
35) L8 Aroclor-1260 {3}	9.45	9.26	374.9E6	196.5E6	391.859	430.652
36) L8 Aroclor-1260 {4}	9.93	9.77	174.4E6	411.0E6	338.418	448.457 #
37) L8 Aroclor-1260 {5}	11.00	10.35	107.1E6	282.0E6	483.802	423.224
Sum Aroclor-1260			1207.7E6	1188.2E6	2051.683	1870.466
Average Aroclor-1260					410.337	467.616
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8653.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:46
Operator : JS
Sample : FF-34_(0-2,03068-011,S,5.47g,23.5,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,10
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:00:42 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

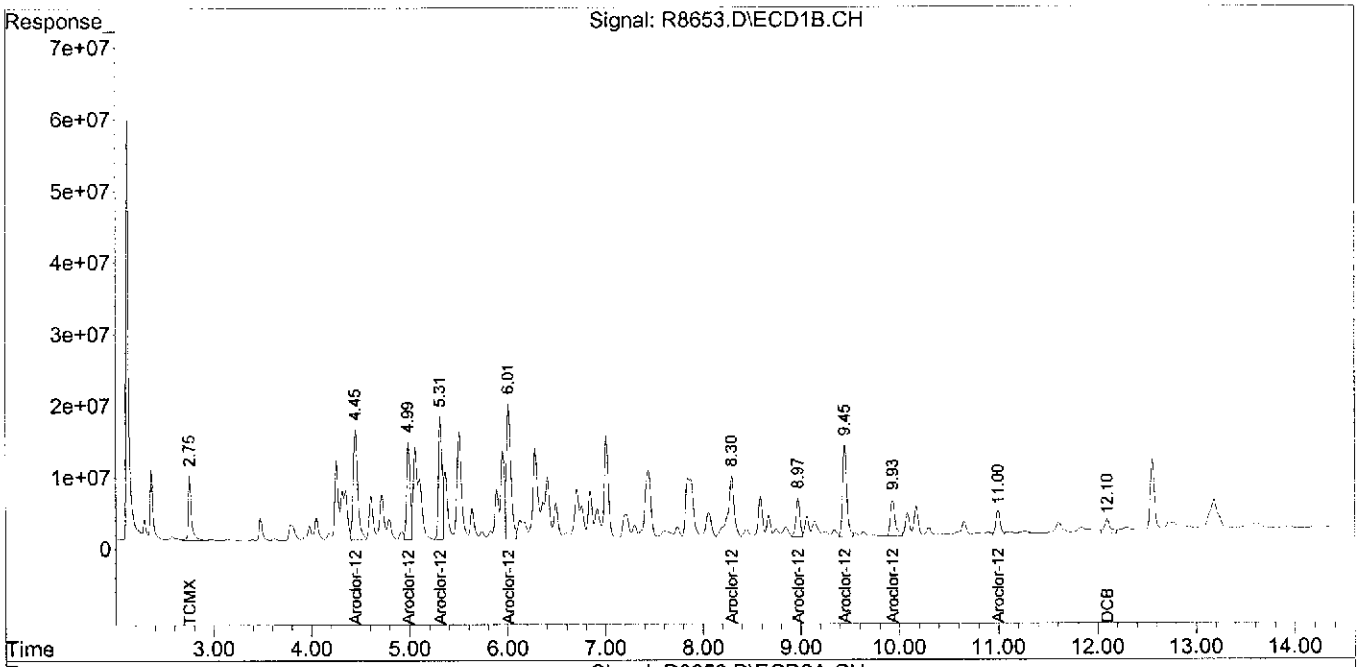
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

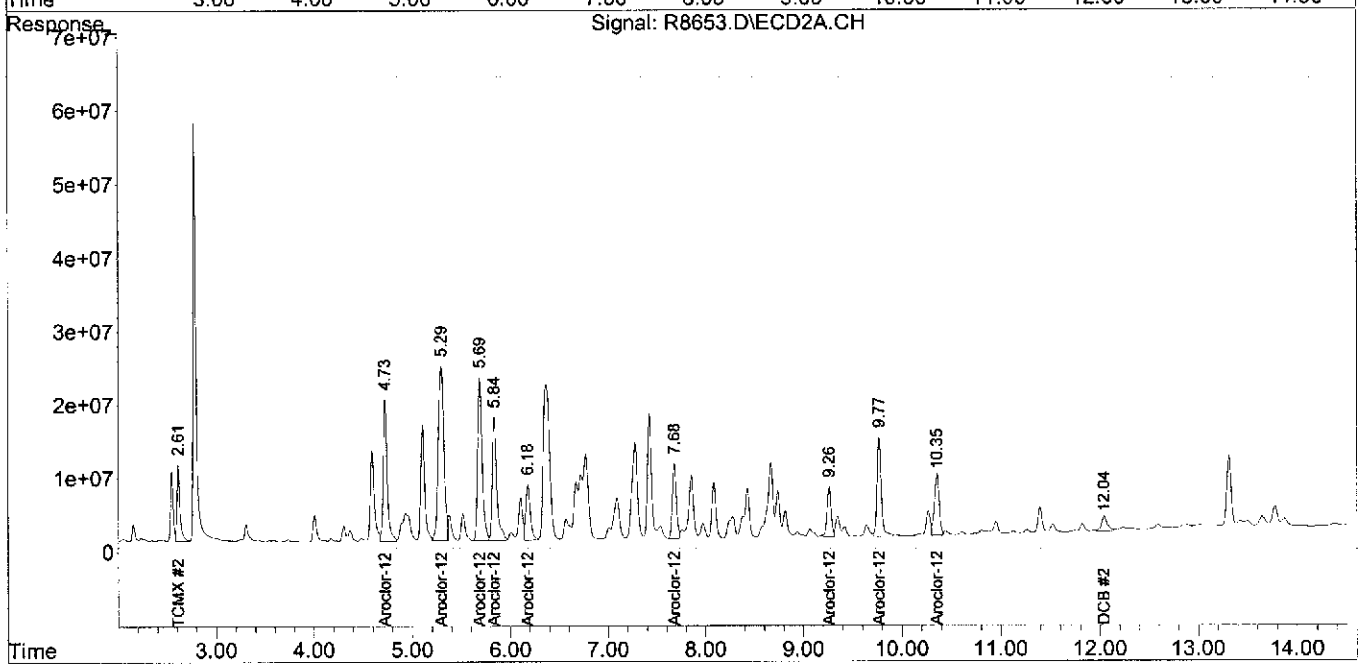
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8653.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 2:46
Operator : JS
Sample : FF-34_(0-2,03068-011,S,5.47g,23.5,04/08/13,4
Misc : 130408-17,04/04/13,04/04/13,10
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 11:00:42 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\04-10-13\
Data File : R8579.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:32
Operator : JS
Sample : FF-34_(2.0,03068-012,S,5.16g,50.3,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:09:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	2125.9E6	2265.3E6	179.344	194.839
Spiked Amount 200.000			Recovery	=	89.67%	97.42%
2) S DCB	12.10	12.04	558.6E6	614.1E6	178.676	199.859
Spiked Amount 200.000			Recovery	=	89.34%	99.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
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

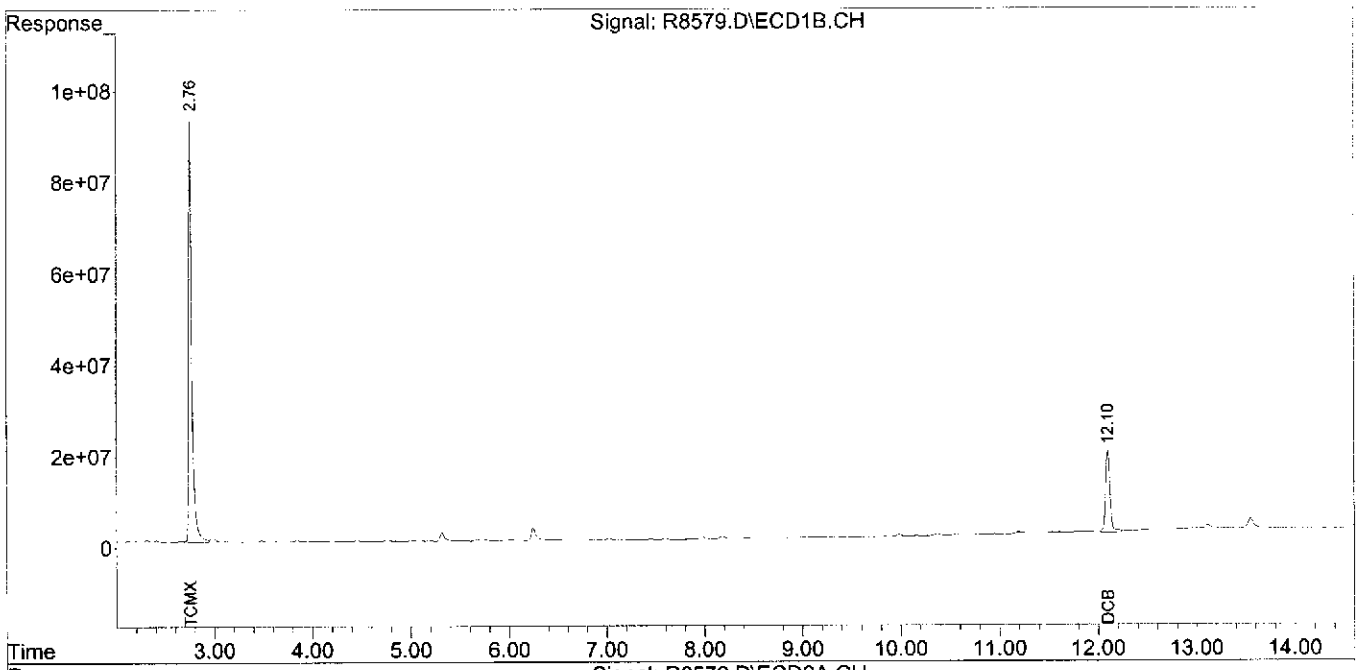
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

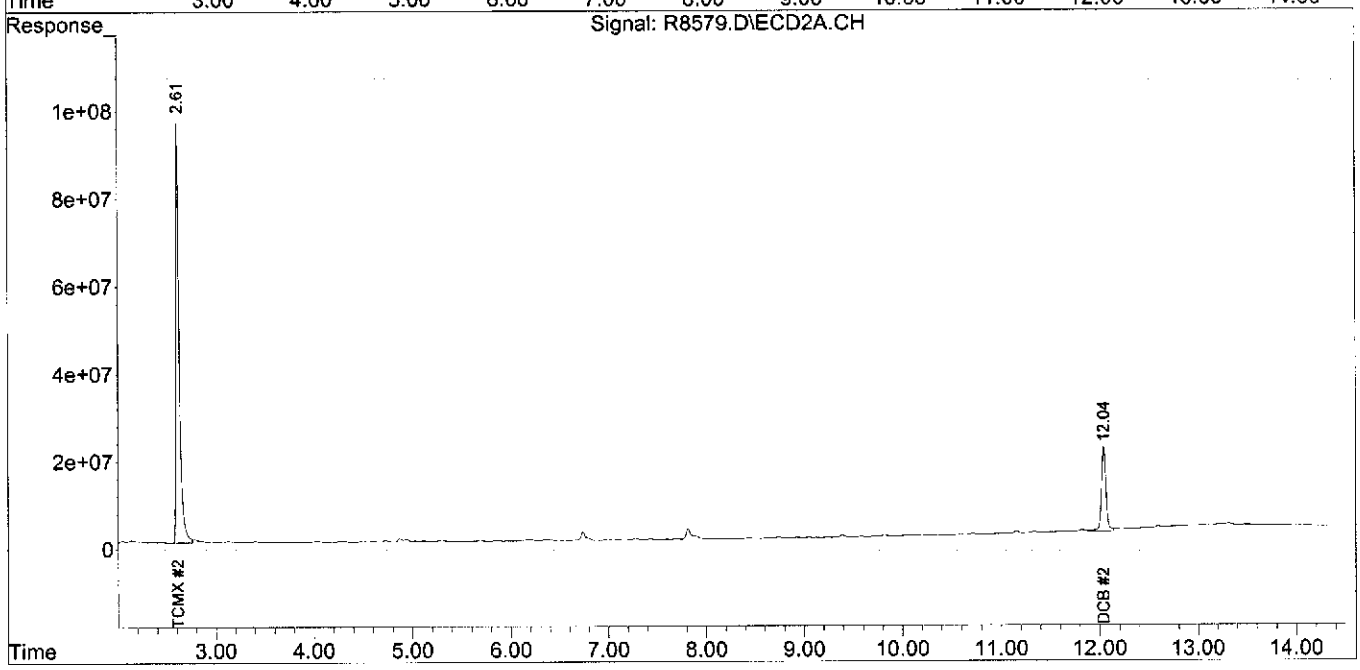
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8579.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:32
Operator : JS
Sample : FF-34_(2.0,03068-012,S,5.16g,50.3,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:09:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-10-13\
Data File : R8580.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:49
Operator : JS
Sample : H-28_(2.0-,03068-013,S,5.44g,9.60,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:21:46 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	2.76	2.61	1723.6E6	1784.3E6	145.399	153.466
Spiked Amount 200.000			Recovery	=	72.70%	76.73%
2) S DCB	12.10	12.04	520.1E6	467.9E6	166.363	152.269
Spiked Amount 200.000			Recovery	=	83.18%	76.13%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	4.73	452.3E6	467.5E6	1072.187	1147.616
24) L6 Aroclor-1248 {2}	4.99	5.30	151.0E6	557.5E6	584.777	885.950 #
25) L6 Aroclor-1248 {3}	5.32	5.69	237.2E6	435.3E6	700.987	962.150 #
26) L6 Aroclor-1248 {4}	6.01	5.84	282.1E6	280.3E6	598.900	728.995
27) L6 Aroclor-1248 {5}	0.00	6.18	0	132.3E6	N.D. d	594.809 #
Sum Aroclor-1248			1122.5E6	1872.8E6	2956.851	4319.521
Average Aroclor-1248					739.213	863.904
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	0.00	150.1E6	0	176.798	N.D. d#
34) L8 Aroclor-1260 {2}	8.98	7.68	53288348	135.4E6	128.153	257.442 #
35) L8 Aroclor-1260 {3}	9.45	9.26	135.7E6	82741632	141.835	181.366m#
36) L8 Aroclor-1260 {4}	9.93	9.77	66647734	153.7E6	129.334	167.695m#
37) L8 Aroclor-1260 {5}	11.00	10.36	40940979	117.6E6	184.882m	176.475
Sum Aroclor-1260			446.7E6	489.4E6	761.002	782.978
Average Aroclor-1260					152.200	195.744
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8580.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:49
Operator : JS
Sample : H-28_(2.0-,03068-013,S,5.44g,9.60,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:21:46 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

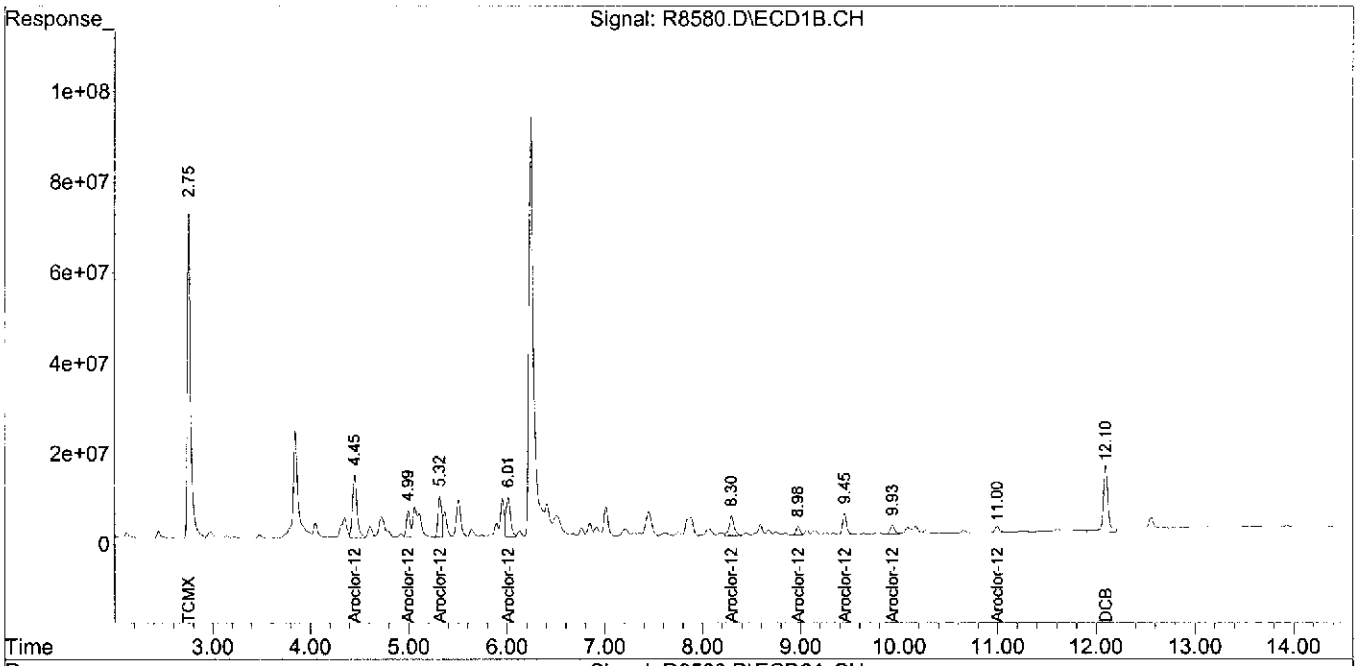
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

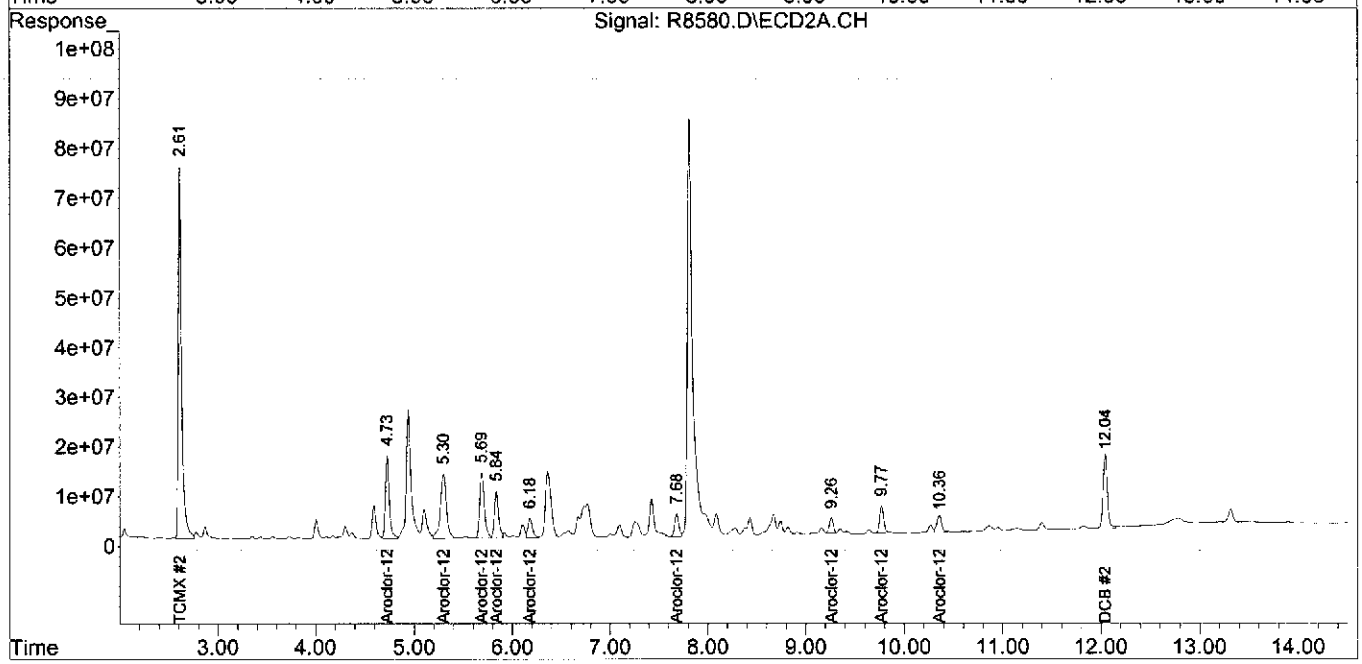
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8580.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:49
Operator : JS
Sample : H-28_(2.0-,03068-013,S,5.44g,9.60,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:21:46 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\04-10-13\
Data File : R8581.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 4:06
Operator : JS
Sample : G-28_(2.0-,03068-014,S,5.09g,44.6,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:17:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1895.8E6	2076.7E6	159.930	178.618
Spiked Amount 200.000			Recovery	=	79.97%	89.31%
2) S DCB	12.10	12.04	603.0E6	580.6E6	192.869	188.948
Spiked Amount 200.000			Recovery	=	96.43%	94.47%
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

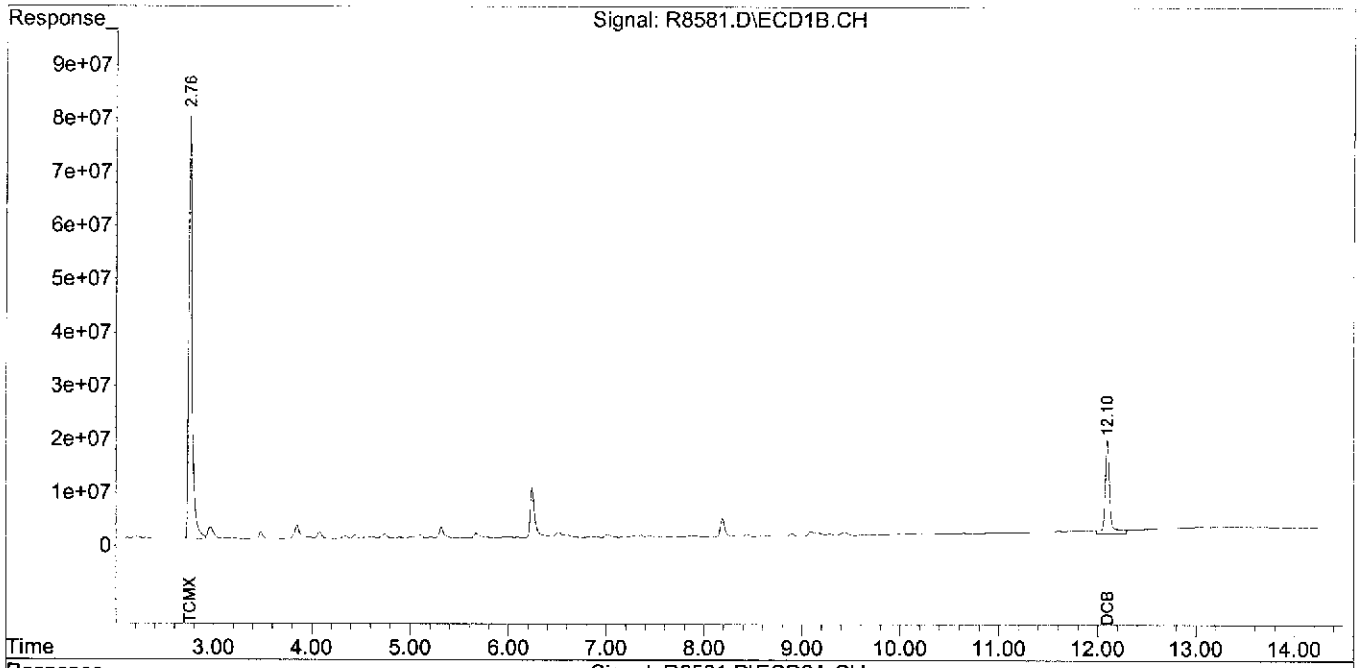
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

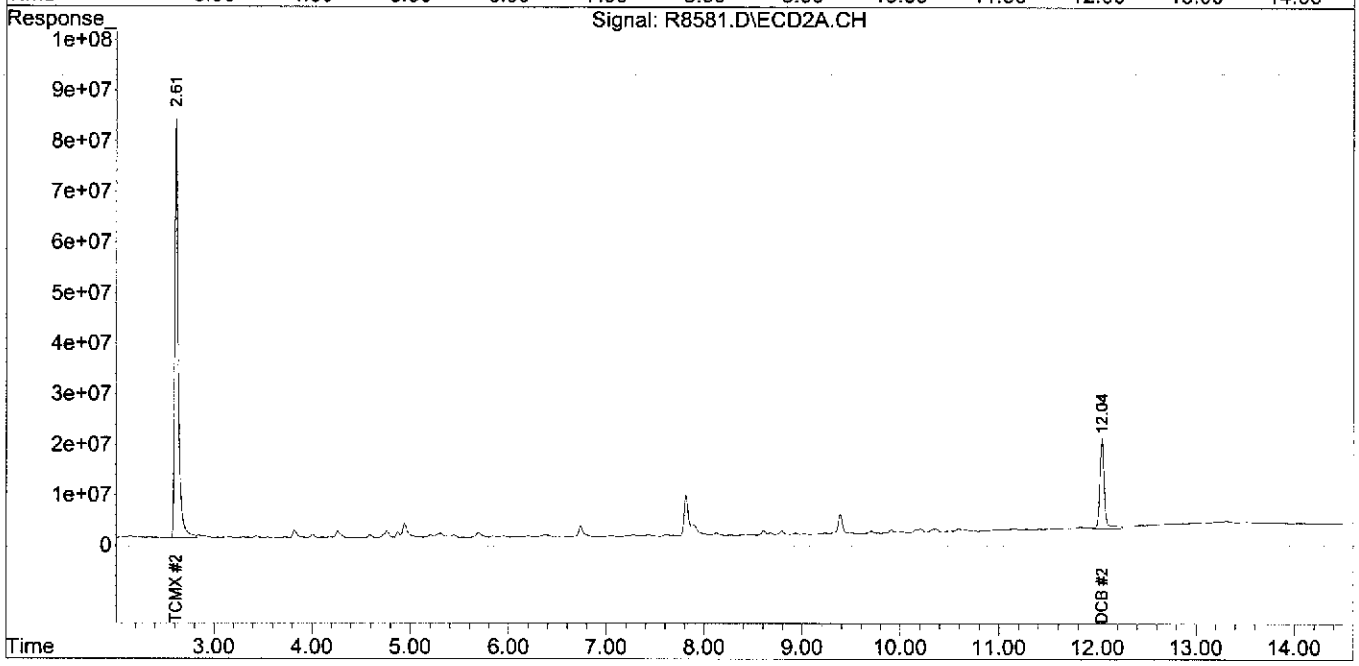
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8581.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 4:06
Operator : JS
Sample : G-28_(2.0-,03068-014,S,5.09g,44.6,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:17:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-10-13\
Data File : R8582.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 4:24
Operator : JS
Sample : F-28_(2.0-,03068-015,S,5.28g,43.1,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:22:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	2085.1E6	2278.9E6	175.899	196.005
Spiked Amount 200.000			Recovery	=	87.95%	98.00%
2) S DCB	12.10	12.04	517.3E6	582.8E6	165.439	189.682
Spiked Amount 200.000			Recovery	=	82.72%	94.84%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.30	7.43	22321443	14871080	26.291	40.962m#
34) L8 Aroclor-1260 {2}	8.98	7.68	9445449	14977298	22.715	28.487m#
35) L8 Aroclor-1260 {3}	9.45	9.26	16581308	10722629	17.330m	23.503m#
36) L8 Aroclor-1260 {4}	9.95	9.77	6518495	16356366	12.649m	17.845 #
37) L8 Aroclor-1260 {5}	11.00	10.36	4798814	17668556	21.671m	26.516
Sum Aroclor-1260			59665510	74595928	100.656	137.314
Average Aroclor-1260					20.131	27.463
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

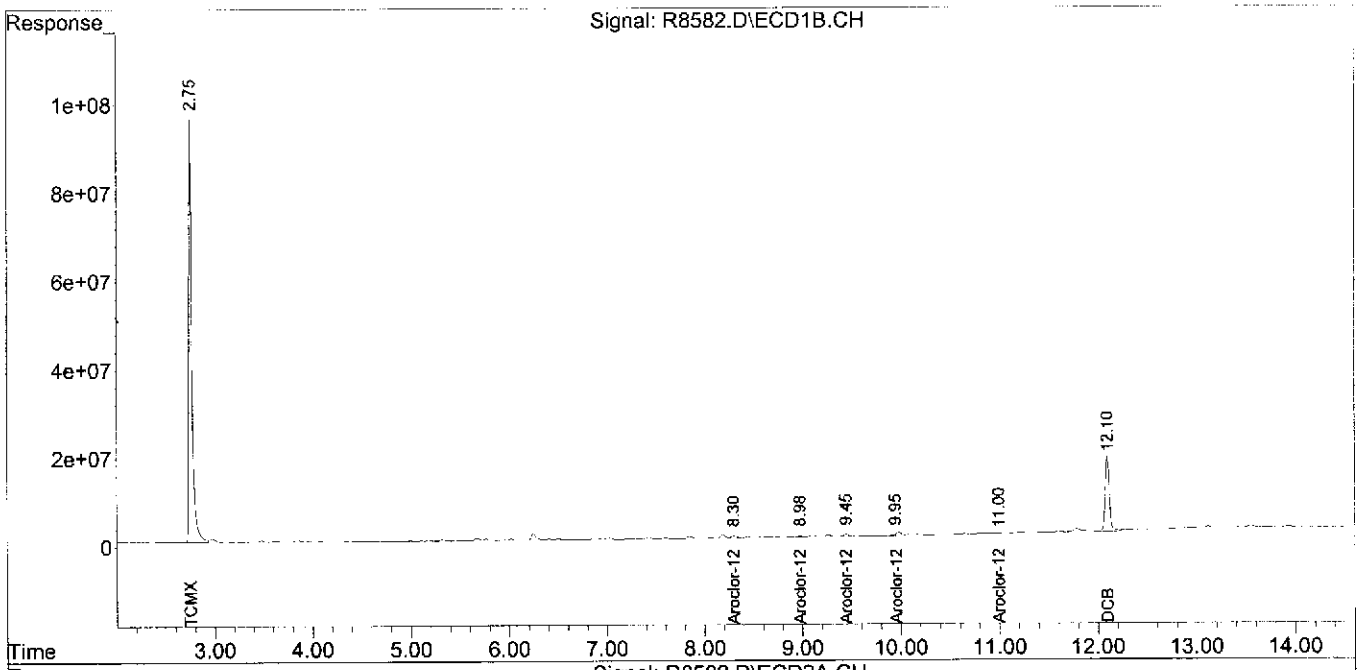
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

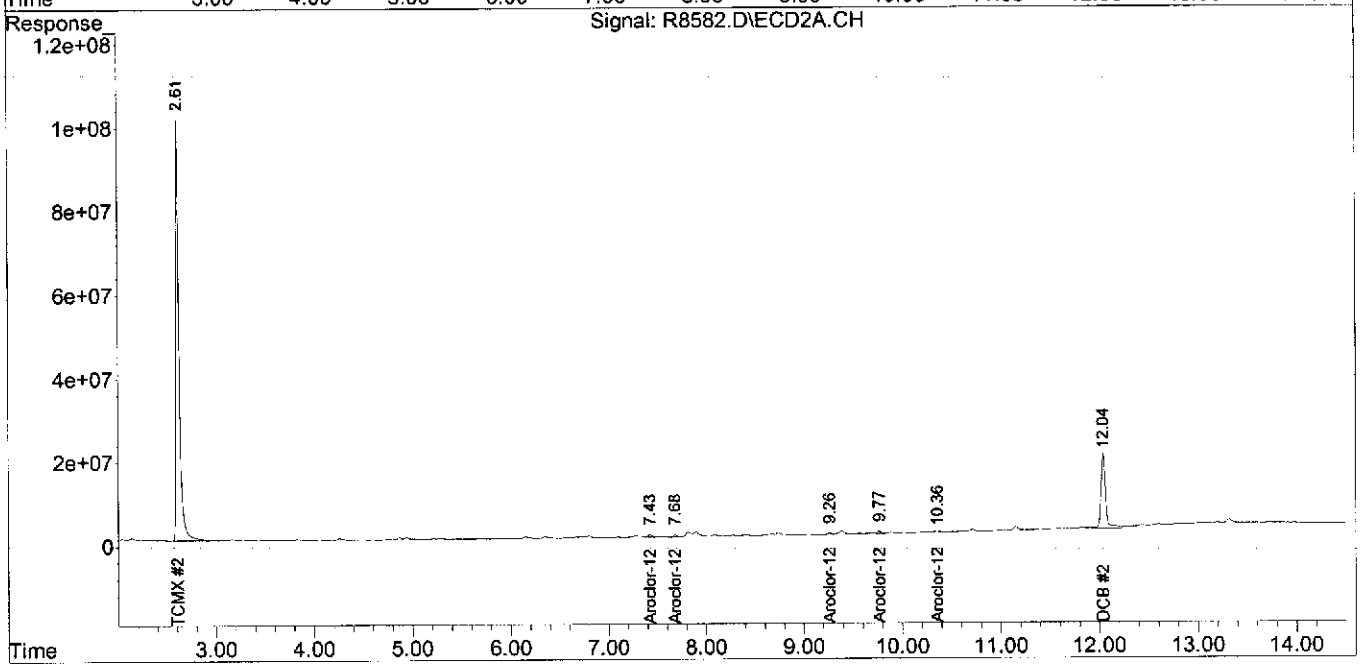
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8582.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 4:24
Operator : JS
Sample : F-28_(2.0-,03068-015,S,5.28g,43.1,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:22:00 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-11-13\
Data File : R8657.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:13
Operator : JS
Sample : W-12N_(0-2,03068-016,S,5.07g,7.00,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,50
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:42:15 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	2.76	2.61	39266480	40200096	3.313	3.458	
Spiked Amount 200.000			Recovery =		1.66%	1.73%	
2) S DCB	12.10	12.04	9890329	9961021	3.163m	3.242m	
Spiked Amount 200.000			Recovery =		1.58%	1.62%	
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	773.0E6	799.4E6	1832.532	1962.303	
24) L6 Aroclor-1248 {2}	4.99	5.30	201.2E6	801.5E6	779.104	1273.834	#
25) L6 Aroclor-1248 {3}	5.32	5.69	176.6E6	381.4E6	522.028	843.144	#
26) L6 Aroclor-1248 {4}	6.01	5.84	154.6E6	289.5E6	328.247	752.952	#
27) L6 Aroclor-1248 {5}	0.00	6.18	0	68380266	N.D. d	307.392	#
Sum Aroclor-1248			1305.4E6	2340.2E6	3461.911	5139.626	
Average Aroclor-1248					865.478	1027.925	
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	

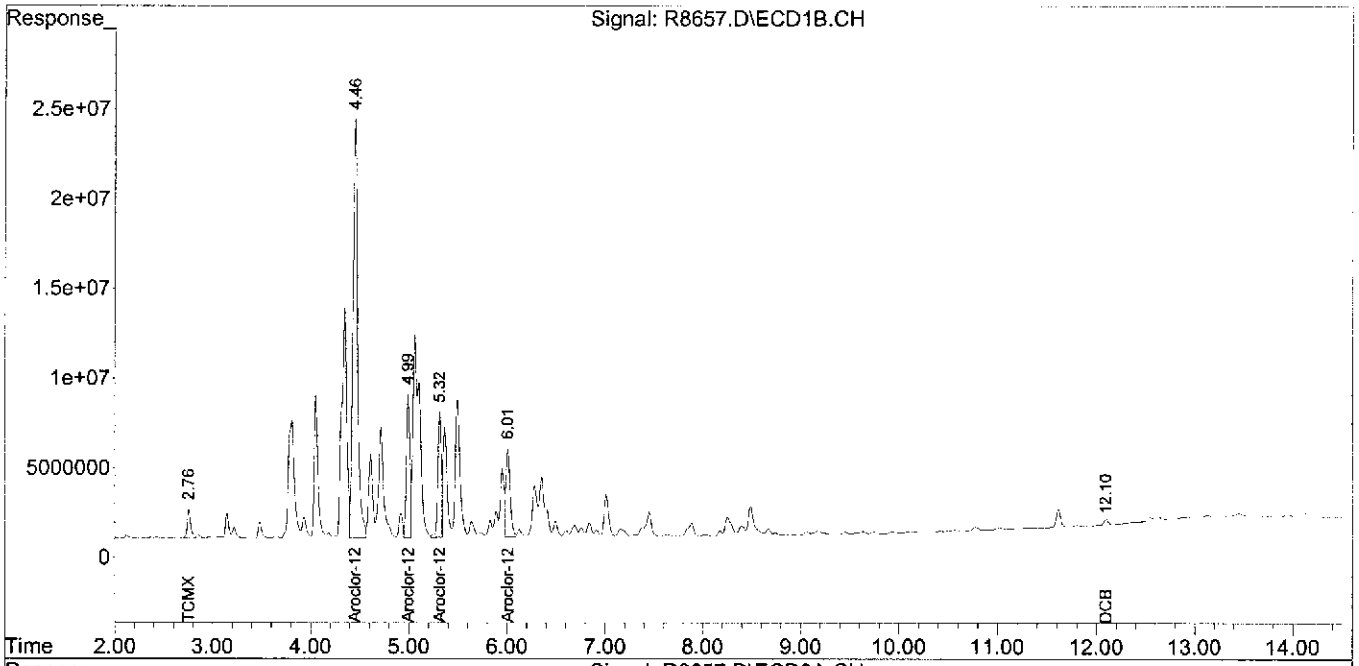
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

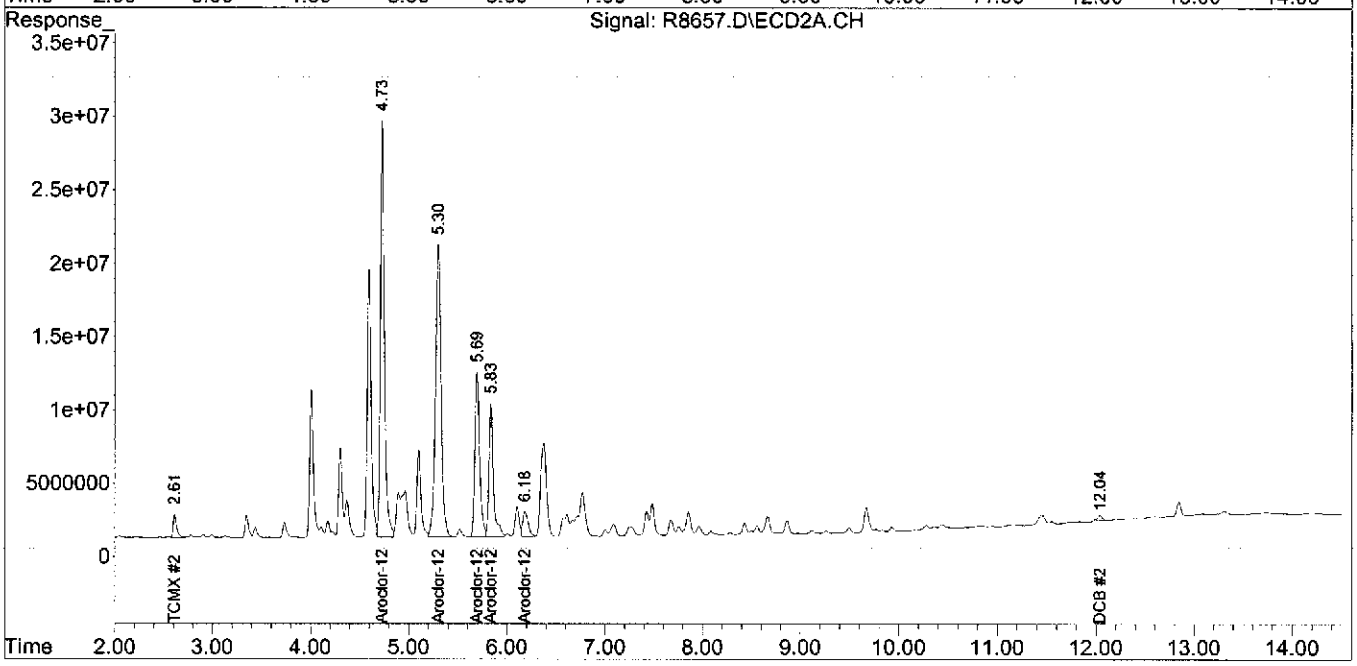
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8657.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:13
Operator : JS
Sample : W-12N_(0-2,03068-016,S,5.07g,7.00,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,50
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:42:15 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\04-11-13\
Data File : R8658.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:30
Operator : JS
Sample : W-12N_(2.0,03068-017,S,5.36g,30.5,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:42:46 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	93704667	119.8E6	7.905	10.302 #
Spiked Amount 200.000			Recovery	=	3.95%	5.15%
2) S DCB	12.10	12.02	23610611	633.0E6	7.552m	206.007 #
Spiked Amount 200.000			Recovery	=	3.78%	103.00%
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	4.45	4.73	571.8E6	610.6E6	1355.487	1498.859
24) L6 Aroclor-1248 {2}	4.99	5.30	298.3E6	861.9E6	1155.017	1369.797
25) L6 Aroclor-1248 {3}	5.31	5.69	428.8E6	698.5E6	1267.377	1543.981
26) L6 Aroclor-1248 {4}	6.01	5.84	536.3E6	503.1E6	1138.580	1308.620
27) L6 Aroclor-1248 {5}	0.00	6.18	0	239.7E6	N.D. d	1077.507 #
Sum Aroclor-1248			1835.1E6	2913.8E6	4916.462	6798.764
Average Aroclor-1248					1229.115	1359.753
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

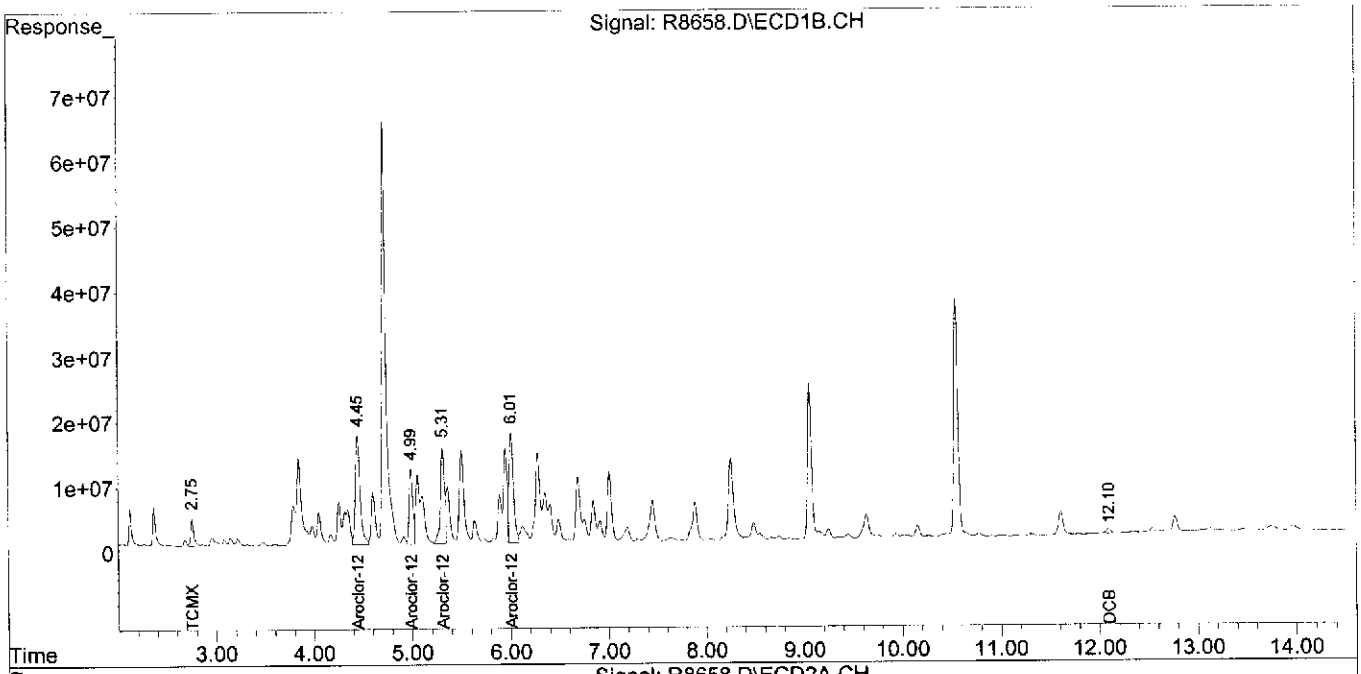
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

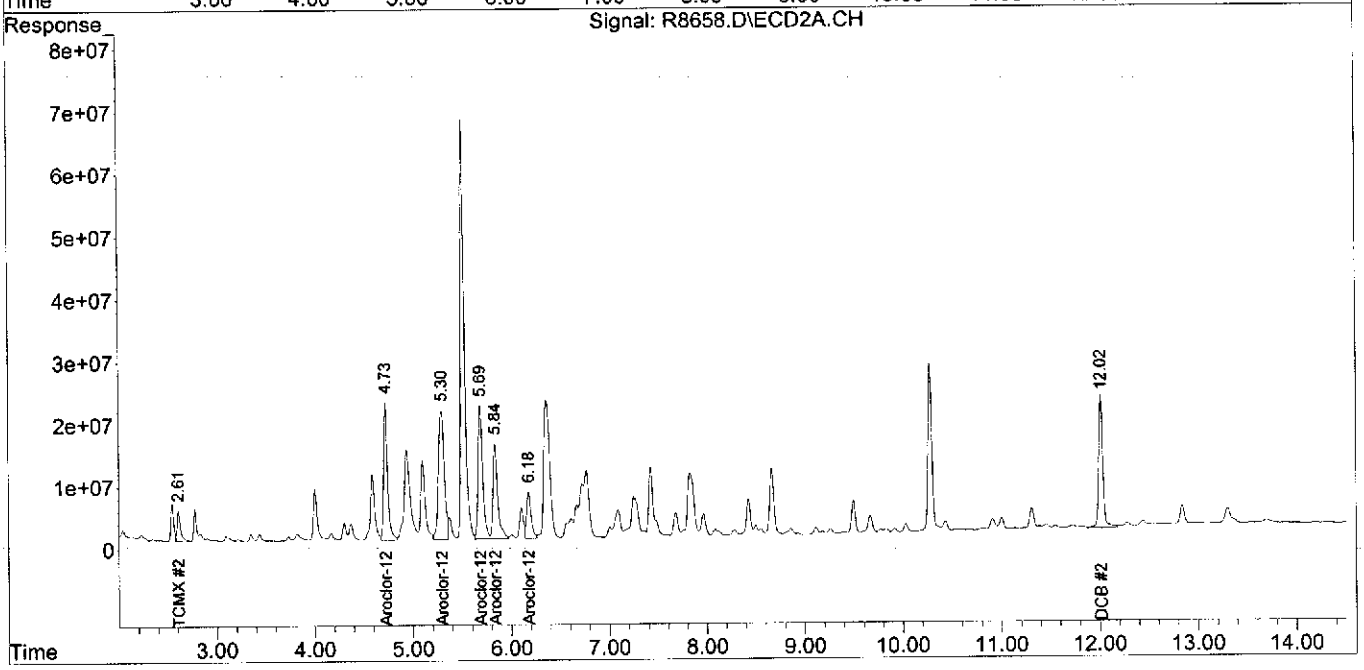
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8658.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:30
Operator : JS
Sample : W-12N_(2.0,03068-017,S,5.36g,30.5,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:42:46 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\04-11-13\
Data File : R8659.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:47
Operator : JS
Sample : W-12E_(0-2,03068-018,S,5.20g,4.60,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,10
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:43:39 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	2.76	2.61	193.9E6	195.8E6	16.355	16.842
Spiked Amount 200.000			Recovery	=	8.18%	8.42%
2) S DCB	12.10	12.04	41630601	45855473	13.315m	14.924m
Spiked Amount 200.000			Recovery	=	6.66%	7.46%
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	4.73	682.0E6	714.3E6	1616.782	1753.415
24) L6 Aroclor-1248 {2}	4.99	5.30	247.5E6	776.9E6	958.351	1234.643 #
25) L6 Aroclor-1248 {3}	5.31	5.69	333.0E6	582.4E6	984.223	1287.459 #
26) L6 Aroclor-1248 {4}	6.01	5.84	549.8E6	441.5E6	1167.240	1148.300
27) L6 Aroclor-1248 {5}	0.00	6.18	0	247.4E6	N.D. d	1112.259 #
Sum Aroclor-1248			1812.3E6	2762.5E6	4726.596	6536.076
Average Aroclor-1248					1181.649	1307.215
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

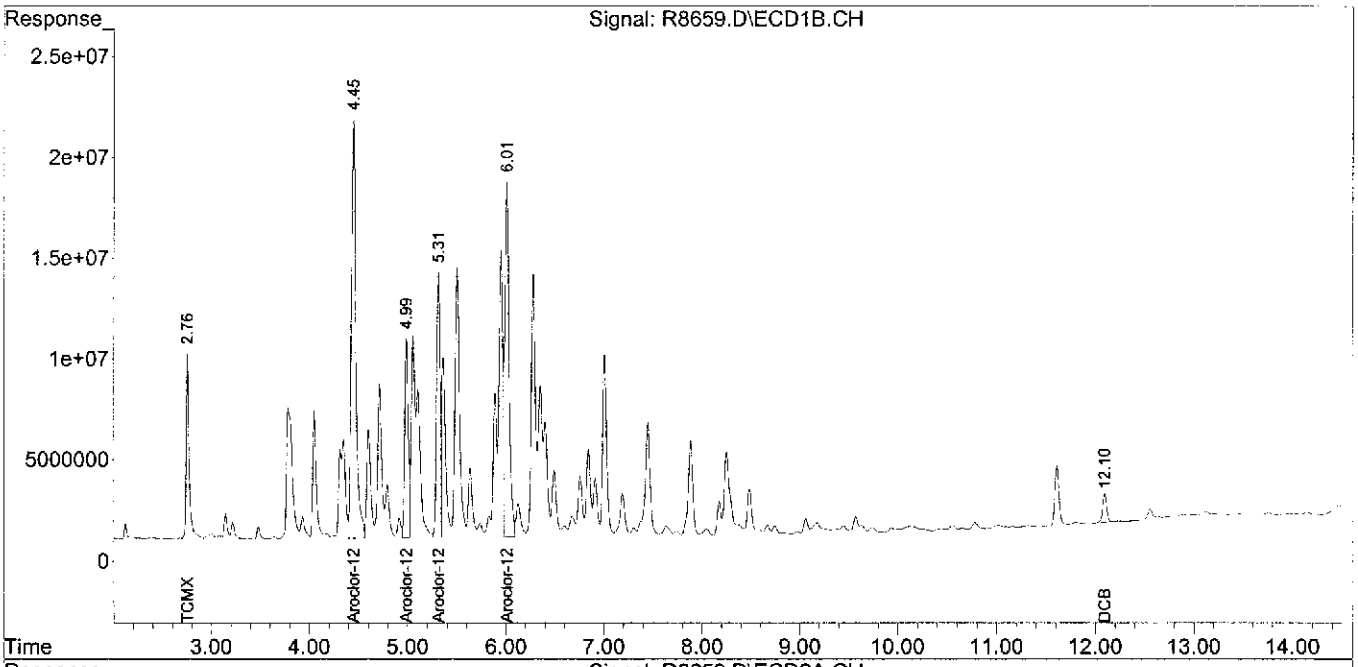
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

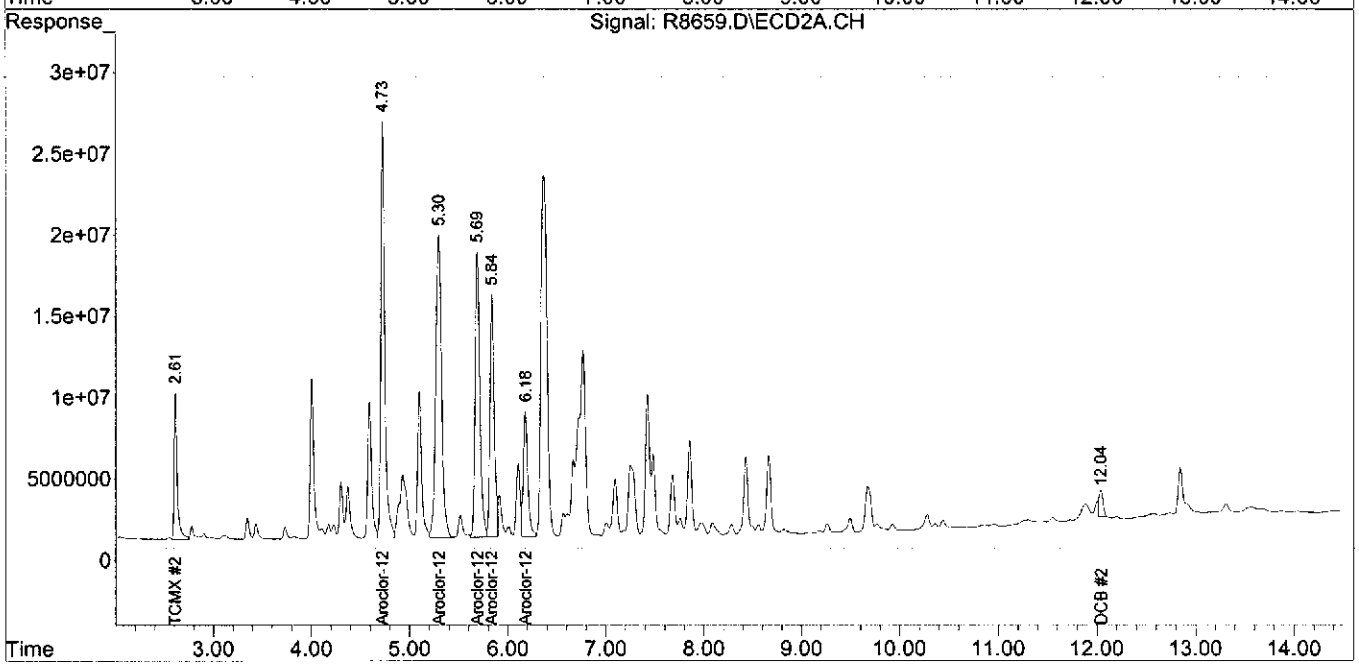
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8659.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 4:47
Operator : JS
Sample : W-12E_(0-2,03068-018,S,5.20g,4.60,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,10
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:43:39 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\04-12-13\
Data File : R8702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 19:26
Operator : JS
Sample : W-12E_(2.0,03068-019,S,5.56g,25.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:45:51 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	88701856	103.1E6	7.483m	8.870
Spiked Amount 200.000			Recovery	=	3.74%	4.43%
2) S DCB	12.10	12.04	23877001	28307874	7.637m	9.213
Spiked Amount 200.000			Recovery	=	3.82%	4.61%
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	4.73	585.4E6	615.8E6	1387.779	1511.639
24) L6 Aroclor-1248 {2}	4.99	5.30	100.8E6	427.2E6	390.383	679.001 #
25) L6 Aroclor-1248 {3}	5.31	5.69	96206254	202.7E6	284.342	448.168 #
26) L6 Aroclor-1248 {4}	6.01	5.83	182.3E6	158.5E6	387.020	412.261
27) L6 Aroclor-1248 {5}	0.00	6.18	0	86799083	N.D. d	390.191 #
Sum Aroclor-1248			964.7E6	1491.1E6	2449.524	3441.261
Average Aroclor-1248					612.381	688.252
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

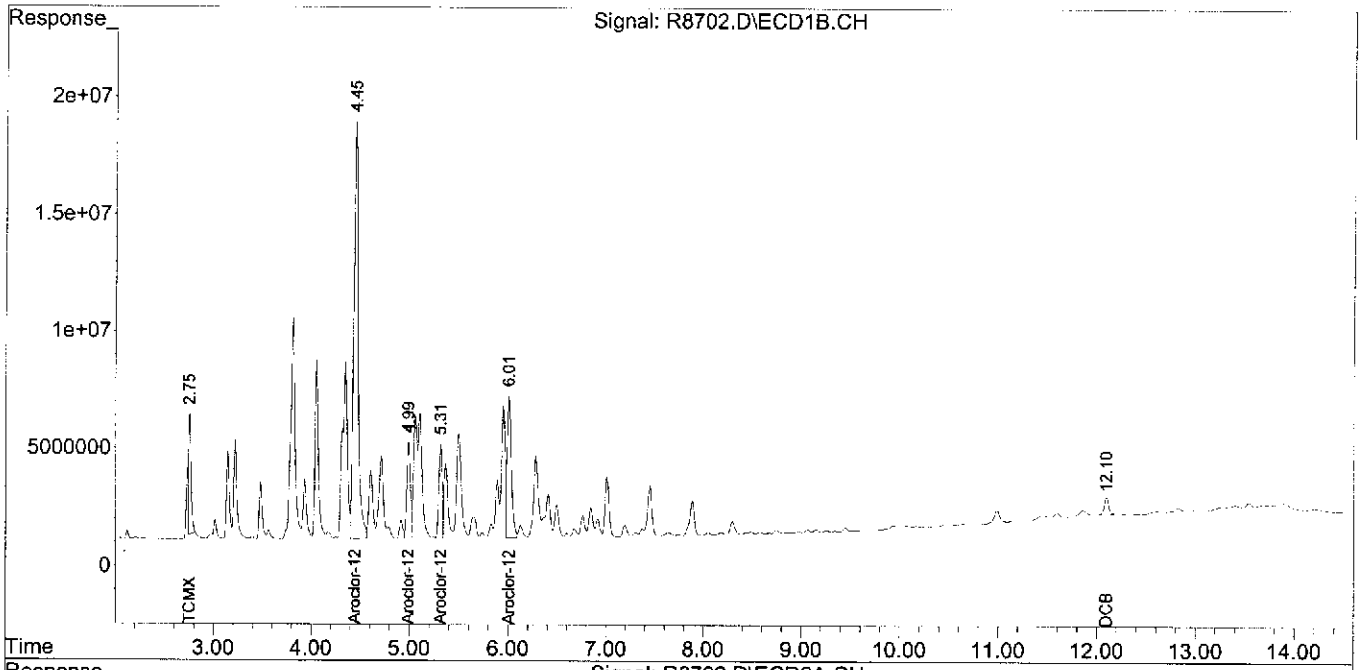
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

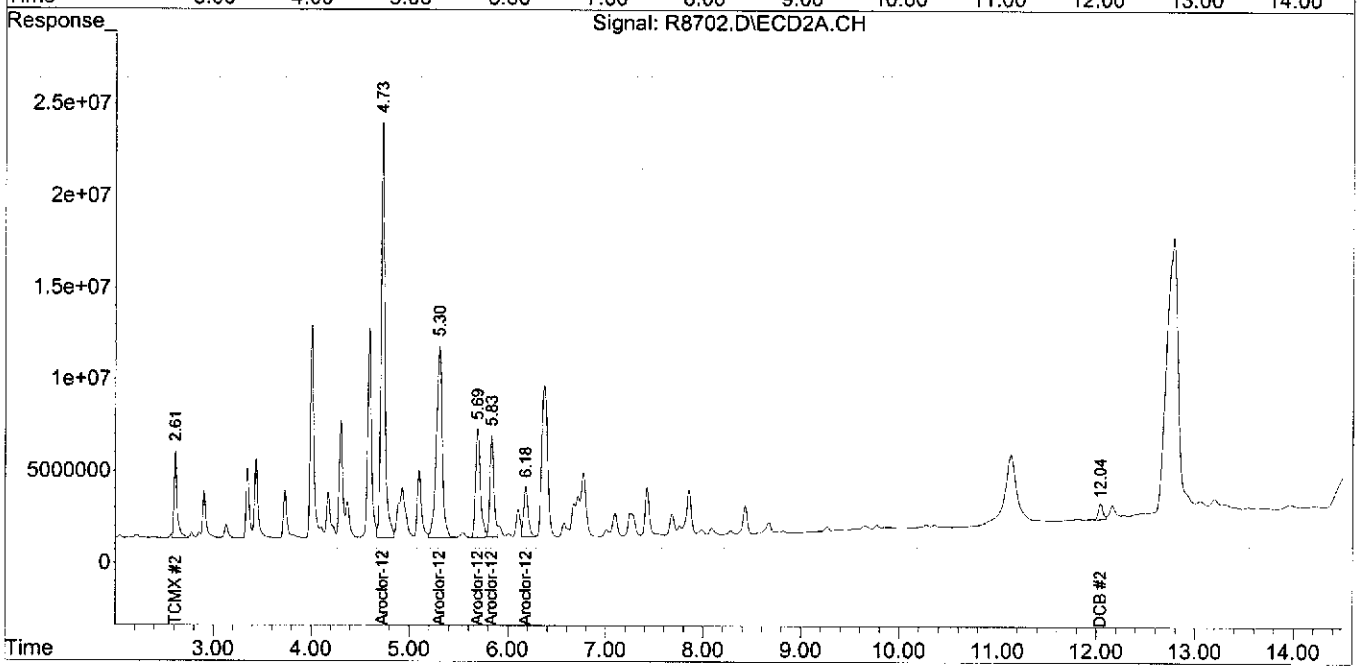
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 19:26
Operator : JS
Sample : W-12E_(2.0,03068-019,S,5.56g,25.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:45:51 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\04-11-13\
Data File : R8661.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:22
Operator : JS
Sample : W-12S_(2.0,03068-020,S,5.10g,45.5,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:26:37 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	2.76	2.61	457.1E6	482.5E6	38.561	41.504
Spiked Amount 200.000			Recovery	=	19.28%	20.75%
2) S DCB	12.10	12.04	132.4E6	159.0E6	42.333	51.742
Spiked Amount 200.000			Recovery	=	21.17%	25.87%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.73	456.7E6	480.6E6	1082.753	1179.723
24) L6 Aroclor-1248 {2}	4.99	5.30	237.5E6	698.8E6	919.647	1110.528
25) L6 Aroclor-1248 {3}	5.32	5.69	317.2E6	506.3E6	937.506	1119.240
26) L6 Aroclor-1248 {4}	6.01	5.84	514.6E6	449.4E6	1092.570	1168.811
27) L6 Aroclor-1248 {5}	0.00	6.18	0	248.0E6	N.D. d	1114.731 #
Sum Aroclor-1248			1526.0E6	2383.0E6	4032.476	5693.033
Average Aroclor-1248					1008.119	1138.607
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

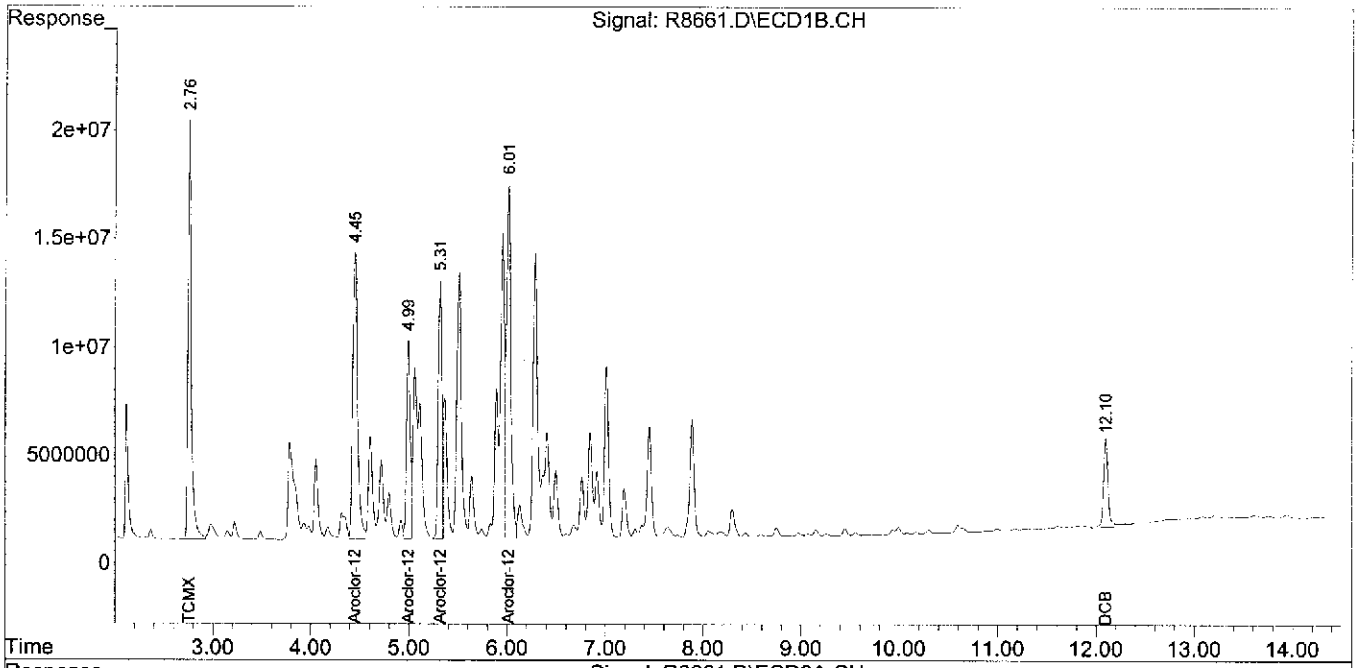
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

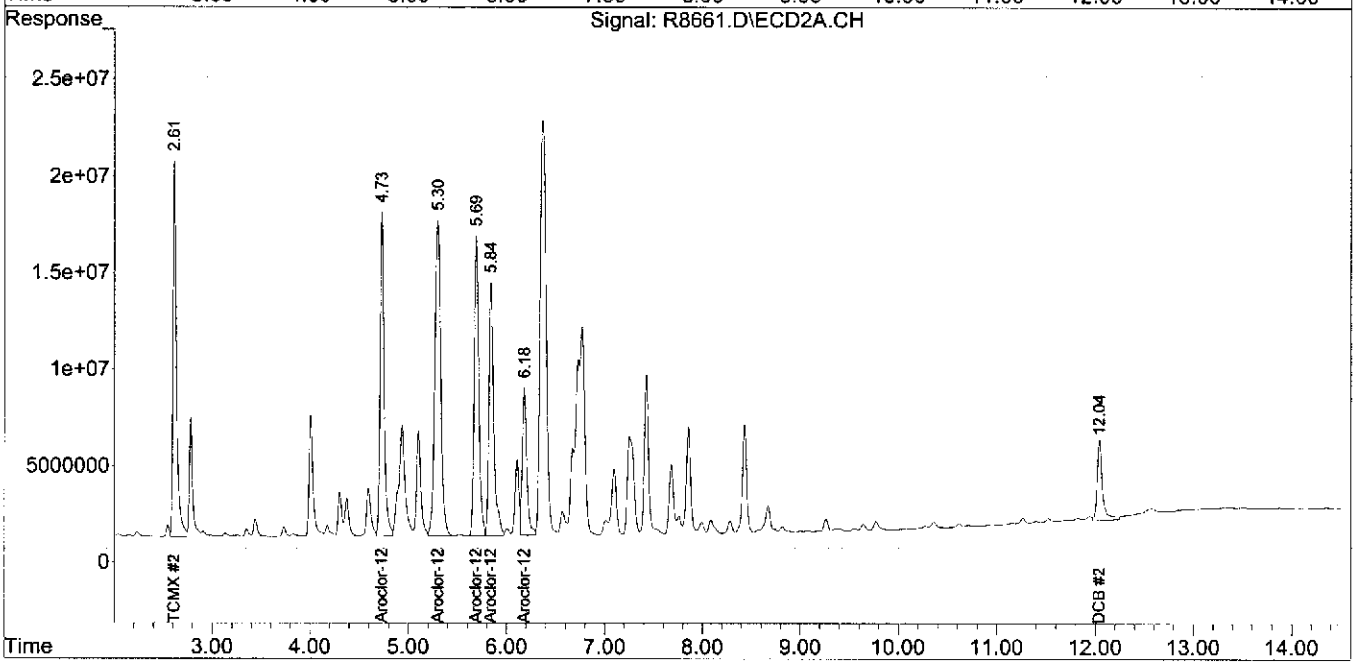
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8661.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:22
Operator : JS
Sample : W-12S_(2.0,03068-020,S,5.10g,45.5,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:26:37 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\04-11-13\
Data File : R8662.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:40
Operator : JS
Sample : W-13W_(0-2,03068-021,S,5.46g,16.2,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,10
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:26:53 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	2.76	2.61	203.1E6	202.4E6	17.137	17.405
Spiked Amount 200.000			Recovery	=	8.57%	8.70%
2) S DCB	12.10	12.04	86994547	63071288	27.825	20.527 #
Spiked Amount 200.000			Recovery	=	13.91%	10.26%
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	4.73	468.5E6	502.3E6	1110.616	1233.102
24) L6 Aroclor-1248 {2}	4.99	5.30	274.0E6	801.3E6	1060.886	1273.506
25) L6 Aroclor-1248 {3}	5.31	5.69	381.3E6	614.9E6	1127.072	1359.240
26) L6 Aroclor-1248 {4}	6.01	5.84	701.8E6	567.9E6	1490.097	1477.030
27) L6 Aroclor-1248 {5}	0.00	6.18	0	331.7E6	N.D. d	1490.973 #
Sum Aroclor-1248			1825.6E6	2818.1E6	4788.671	6833.851
Average Aroclor-1248					1197.168	1366.770
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

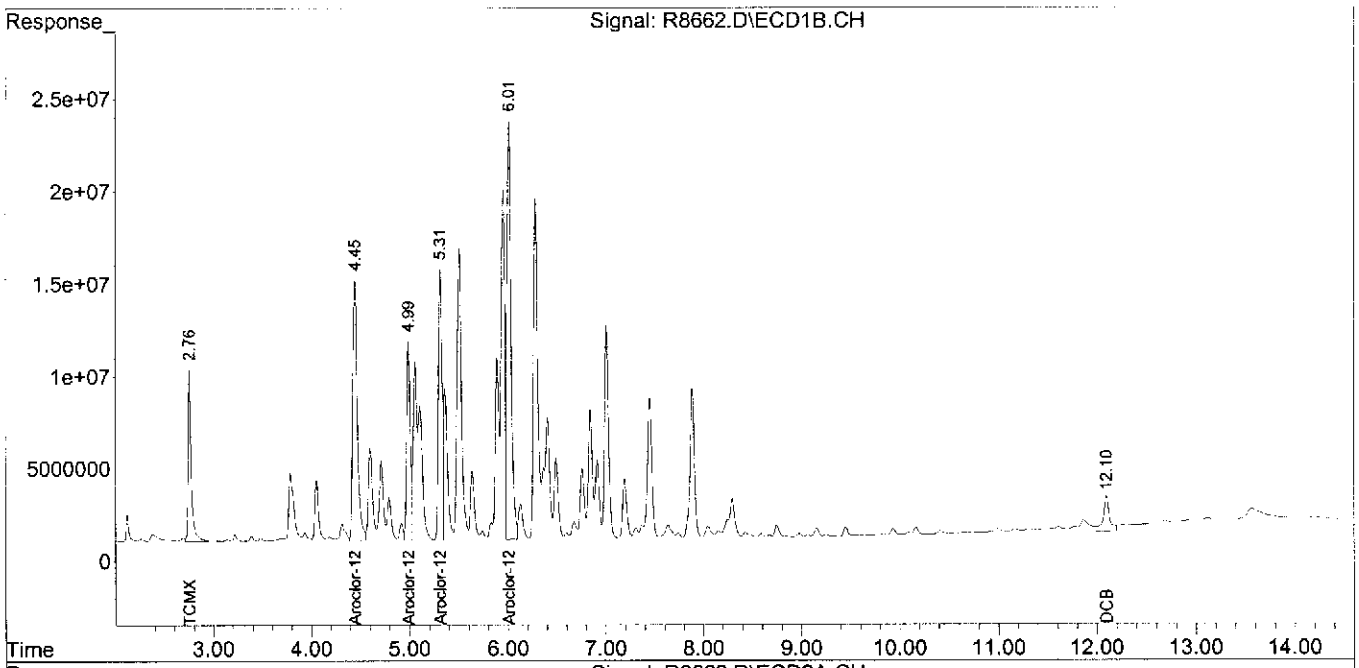
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

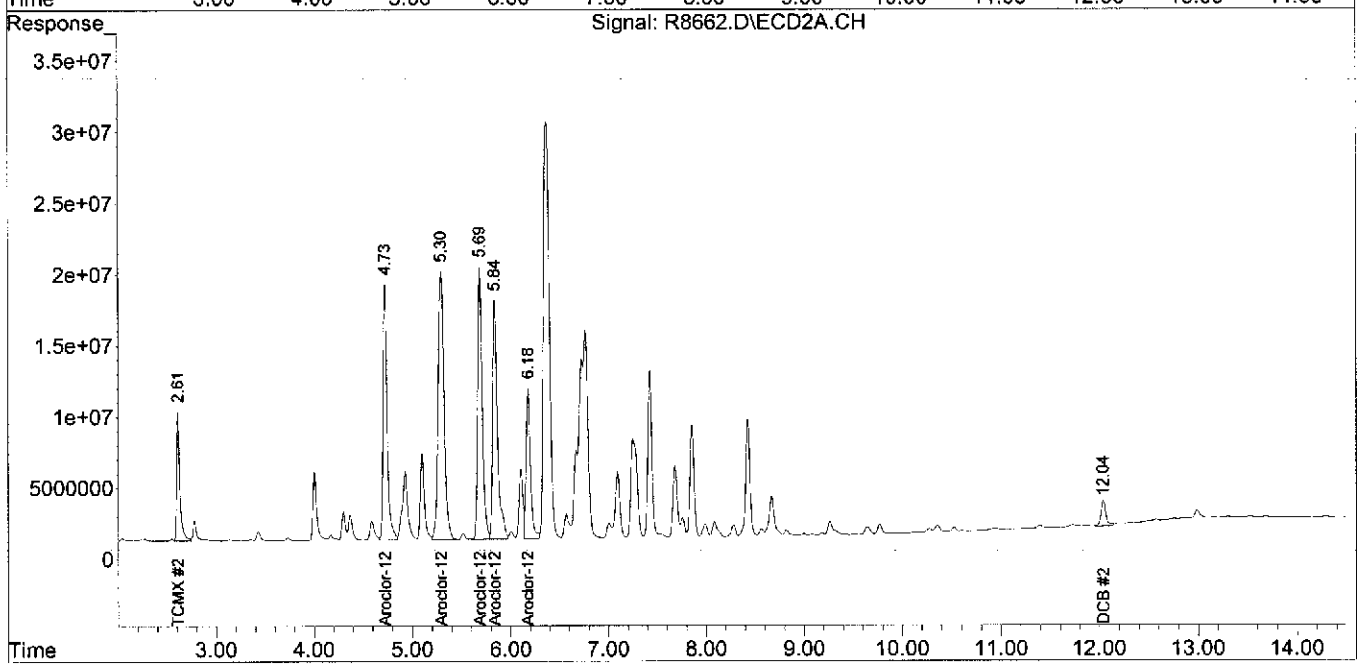
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8662.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:40
Operator : JS
Sample : W-13W_(0-2,03068-021,S,5.46g,16.2,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,10
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:26:53 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\04-10-13\
Data File : R8589.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 6:25
Operator : JS
Sample : W-13W_(2.0,03068-022,S,5.11g,24.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:39:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1878.1E6	2010.6E6	158.439	172.928
Spiked Amount 200.000			Recovery	=	79.22%	86.46%
2) S DCB	12.10	12.04	563.6E6	695.4E6	180.271	226.312m#
Spiked Amount 200.000			Recovery	=	90.14%	113.16%
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	4.73	348.4E6	372.9E6	825.855	915.404
24) L6 Aroclor-1248 {2}	4.99	5.30	163.5E6	532.2E6	633.030	845.779 #
25) L6 Aroclor-1248 {3}	5.32	5.69	230.0E6	405.8E6	679.801	896.929 #
26) L6 Aroclor-1248 {4}	6.01	5.84	545.3E6	366.0E6	1157.775	951.976
27) L6 Aroclor-1248 {5}	0.00	6.18	0	237.2E6	N.D. d	1066.416 #
Sum Aroclor-1248			1287.2E6	1914.1E6	3296.460	4676.504
Average Aroclor-1248					824.115	935.301
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

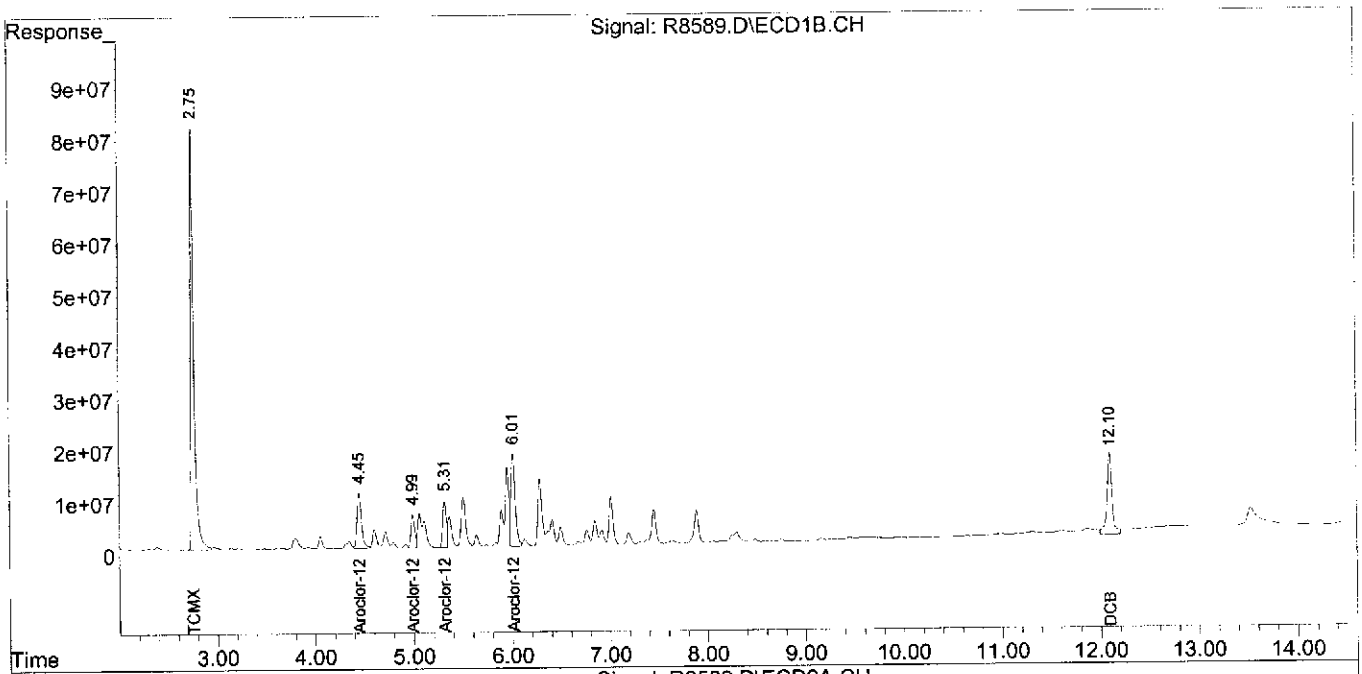
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

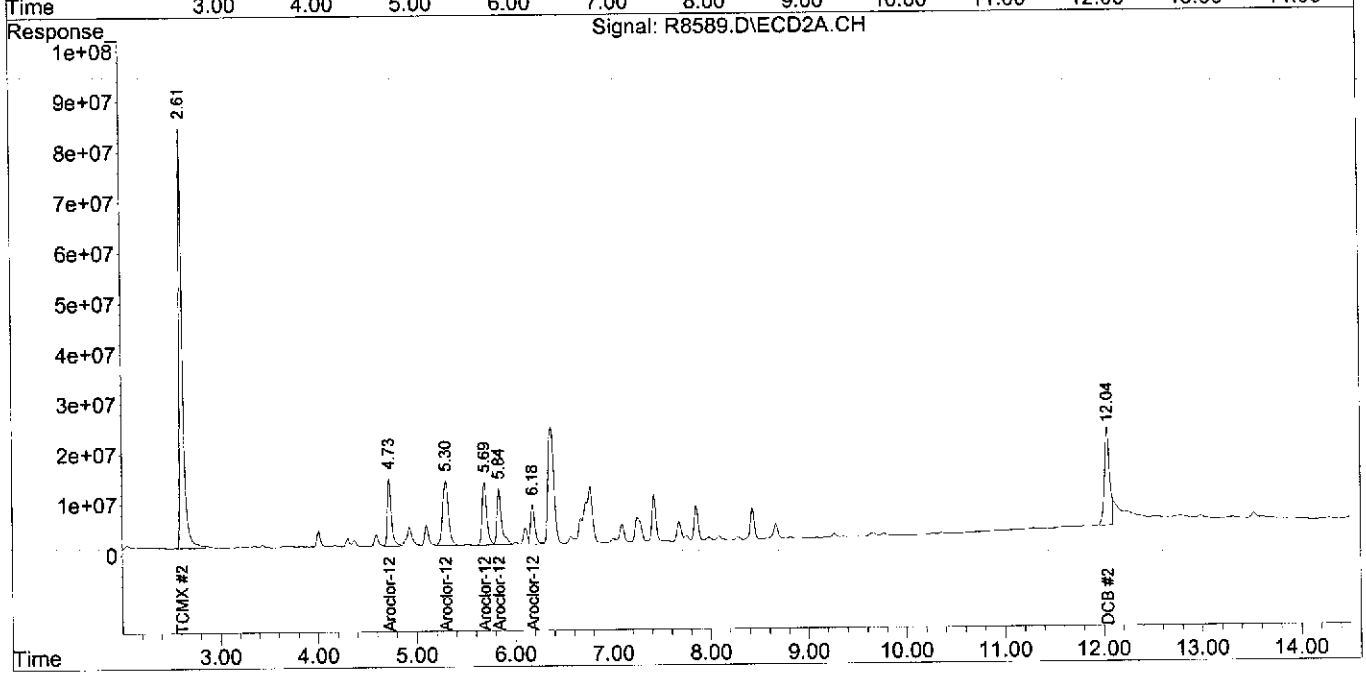
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8589.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 6:25
Operator : JS
Sample : W-13W_(2.0,03068-022,S,5.11g,24.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:39:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-10-13\
Data File : R8590.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 6:43
Operator : JS
Sample : W-12W_(2.0,03068-023,S,5.08g,49.4,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:24:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1618.5E6	2049.8E6	136.536	176.298 #
Spiked Amount 200.000			Recovery	=	68.27%	88.15%
2) S DCB	12.10	12.04	647.9E6	741.7E6	207.232	241.392
Spiked Amount 200.000			Recovery	=	103.62%	120.70%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.73	548.3E6	478.9E6	1299.732	1175.493
24) L6 Aroclor-1248 {2}	5.00	5.30	192.6E6	532.6E6	745.696	846.509
25) L6 Aroclor-1248 {3}	5.32	5.69	158.9E6	270.4E6	469.650	597.604 #
26) L6 Aroclor-1248 {4}	6.01	5.84	239.7E6	193.6E6	508.878	503.610
27) L6 Aroclor-1248 {5}	0.00	6.20	0	140.1E6	N.D. d	629.889 #
Sum Aroclor-1248			1139.4E6	1615.6E6	3023.957	3753.105
Average Aroclor-1248					755.989	750.621
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

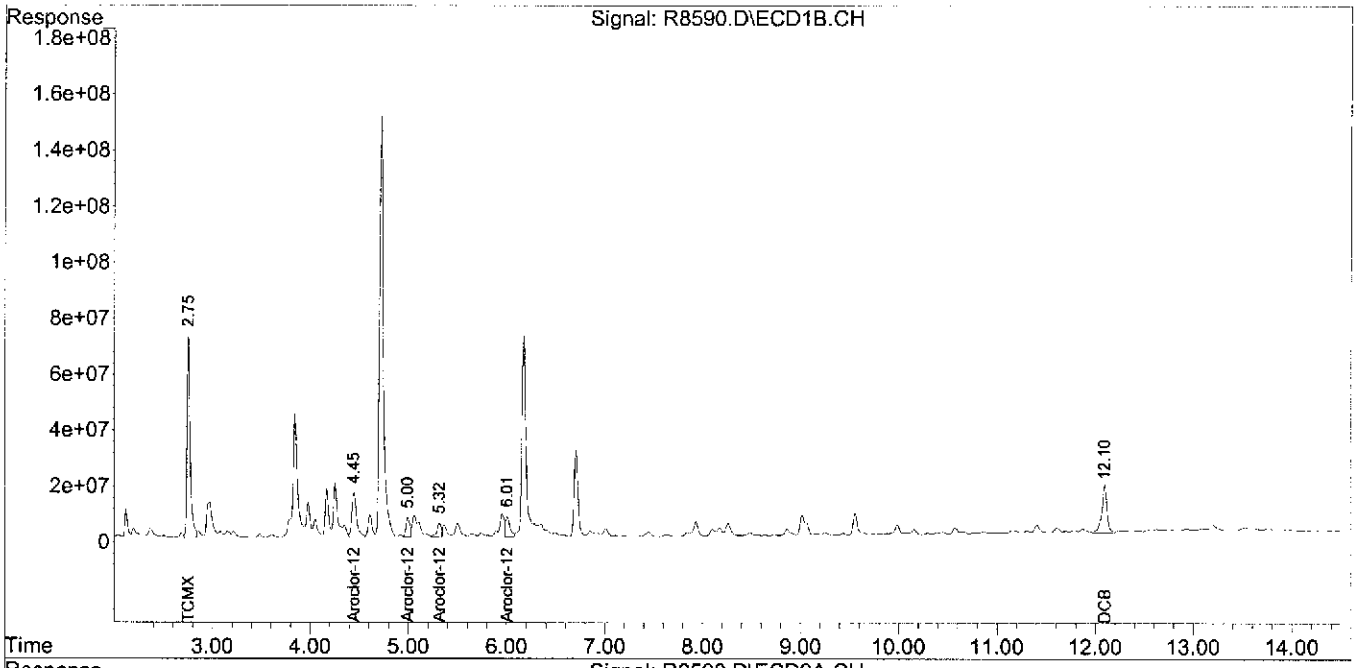
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

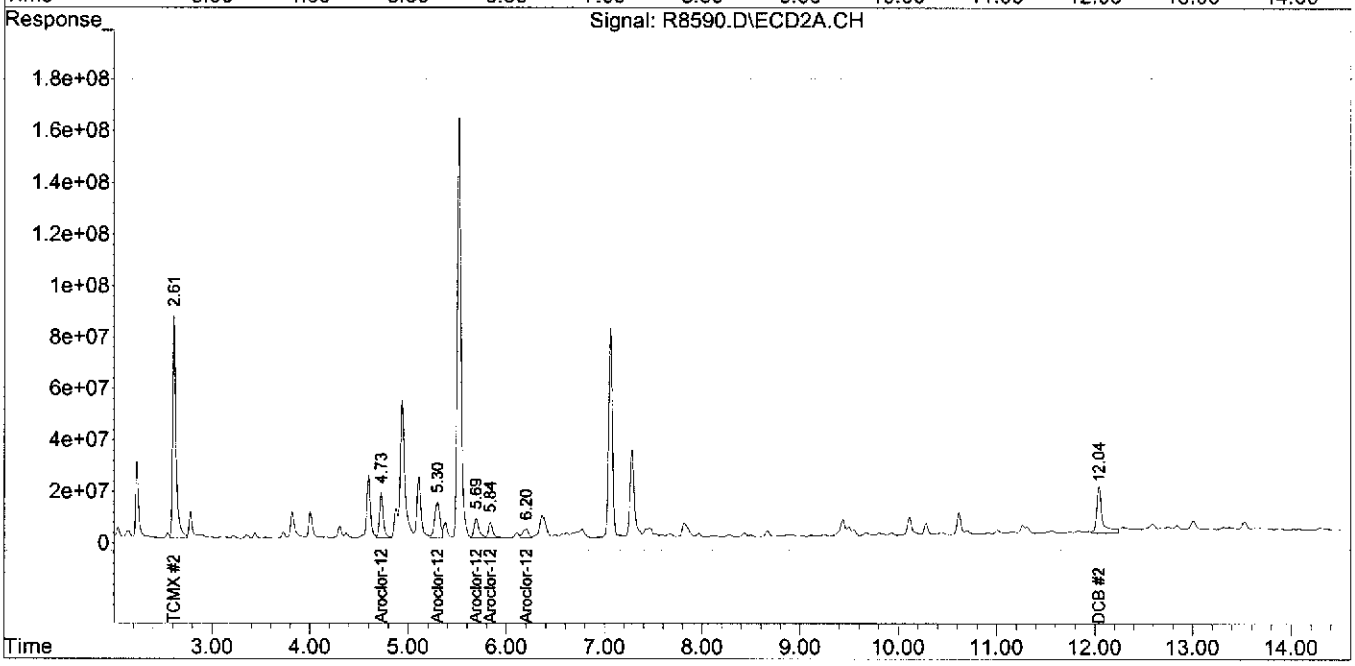
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8590.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 6:43
Operator : JS
Sample : W-12W_(2.0,03068-023,S,5.08g,49.4,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 14 12:24:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-11-13\
Data File : R8663.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:57
Operator : JS
Sample : W-13E_(0-2,03068-024,S,5.83g,12.2,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,50
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:51:11 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	2.76	2.61	41875727	39284147	3.533	3.379
Spiked Amount 200.000			Recovery	=	1.77%	1.69%
2) S DCB	12.09	12.03	9548996	18455456	3.054m	6.006m#
Spiked Amount 200.000			Recovery	=	1.53%	3.00%
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	4.45	4.73	493.4E6	516.7E6	1169.795	1268.283
24) L6 Aroclor-1248 {2}	4.99	5.30	183.8E6	644.4E6	711.878	1024.174 #
25) L6 Aroclor-1248 {3}	5.31	5.69	214.9E6	437.8E6	635.031	967.635 #
26) L6 Aroclor-1248 {4}	6.01	5.84	435.0E6	451.7E6	923.601	1175.028 #
27) L6 Aroclor-1248 {5}	0.00	6.18	0	208.8E6	N.D. d	938.830 #
Sum Aroclor-1248			1327.2E6	2259.4E6	3440.306	5373.950
Average Aroclor-1248					860.076	1074.790
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

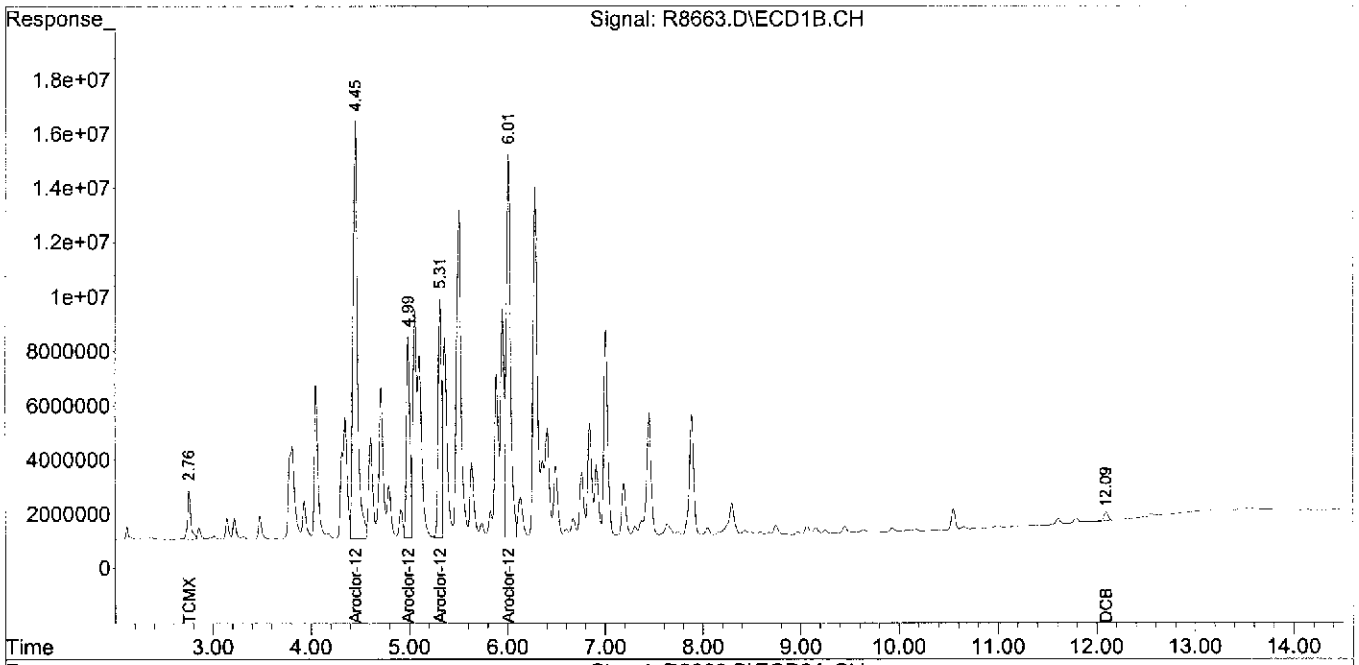
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

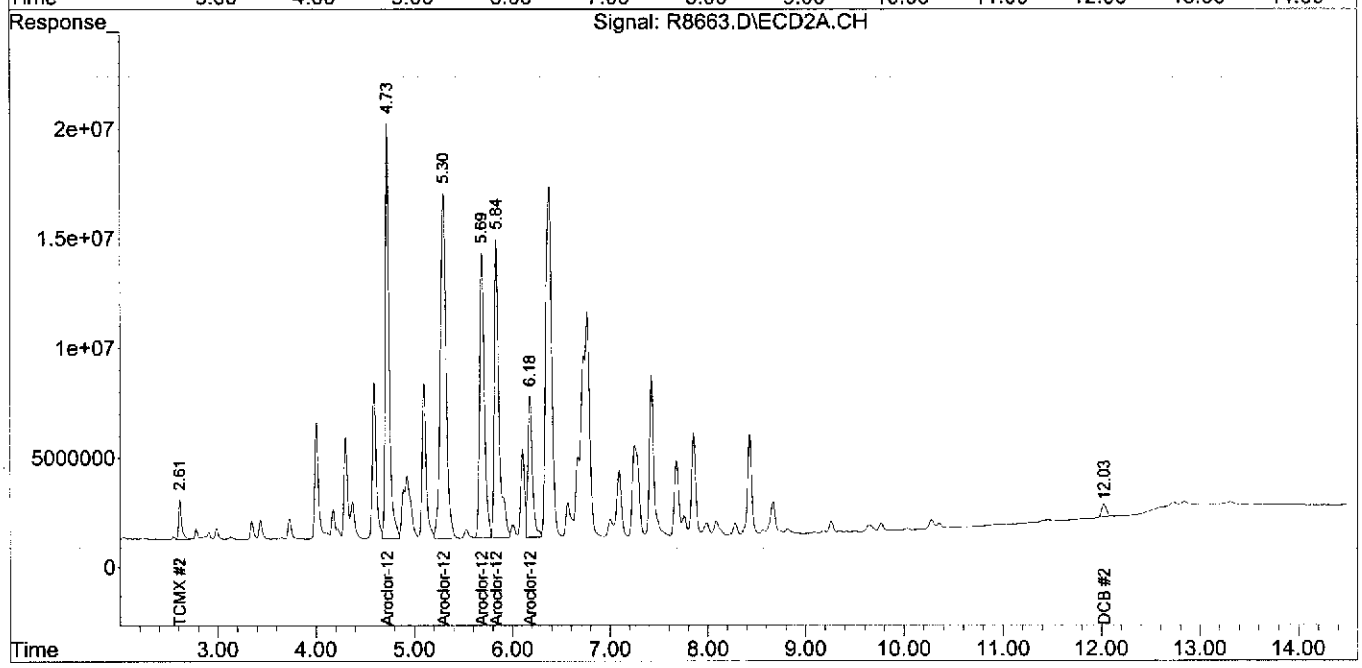
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8663.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 5:57
Operator : JS
Sample : W-13E_(0-2,03068-024,S,5.83g,12.2,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,50
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:51:11 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\04-10-13\
Data File : R8592.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 7:18
Operator : JS
Sample : W-13E_(2.0,03068-025,S,5.52g,76.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:22:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	2138.8E6	2172.7E6	180.426	186.873
Spiked Amount 200.000			Recovery	=	90.21%	93.44%
2) S DCB	12.10	12.04	635.5E6	692.4E6	203.255	225.337
Spiked Amount 200.000			Recovery	=	101.63%	112.67%
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	4.73	816.7E6	835.6E6	1936.178m	2051.318m
24) L6 Aroclor-1248 {2}	4.99	5.30	256.4E6	997.8E6	992.970	1585.787 #
25) L6 Aroclor-1248 {3}	5.32	5.69	170.6E6	341.4E6	504.143	754.721 #
26) L6 Aroclor-1248 {4}	6.01	5.84	256.5E6	238.9E6	544.665	621.342
27) L6 Aroclor-1248 {5}	0.00	6.18	0	130.9E6	N.D. d	588.410 #
Sum Aroclor-1248			1500.3E6	2544.7E6	3977.956	5601.577
Average Aroclor-1248					994.489	1120.315
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

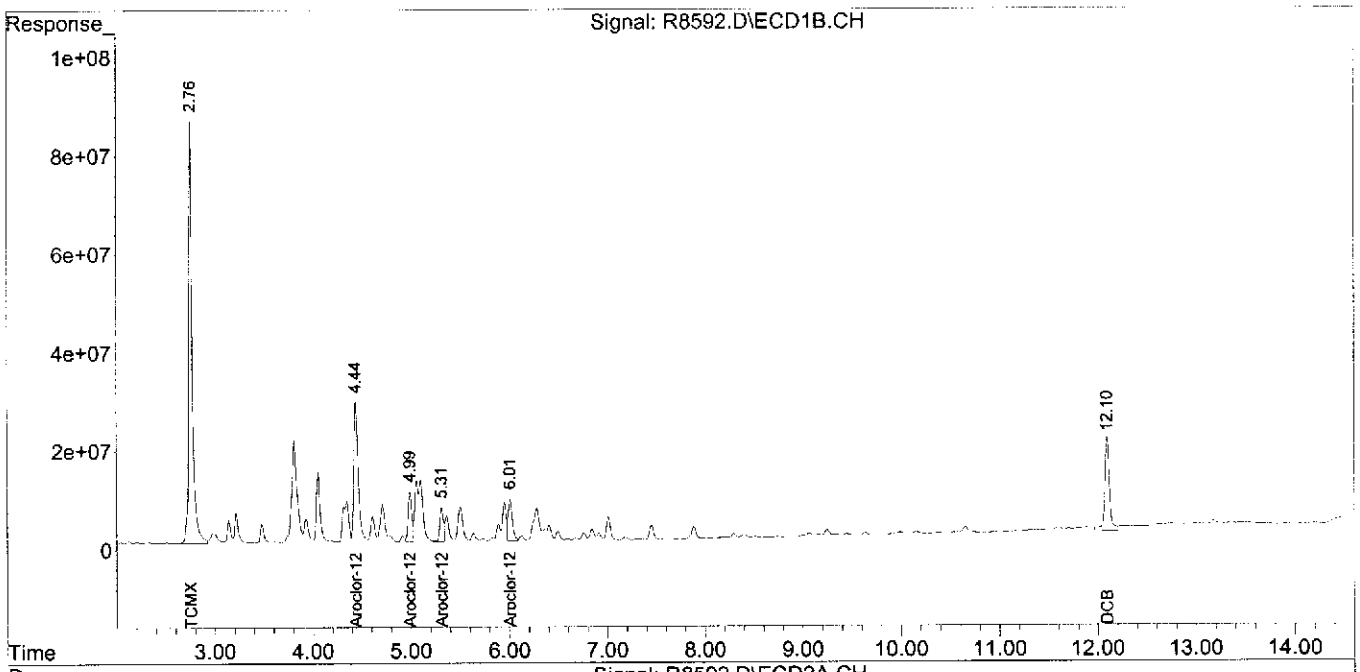
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

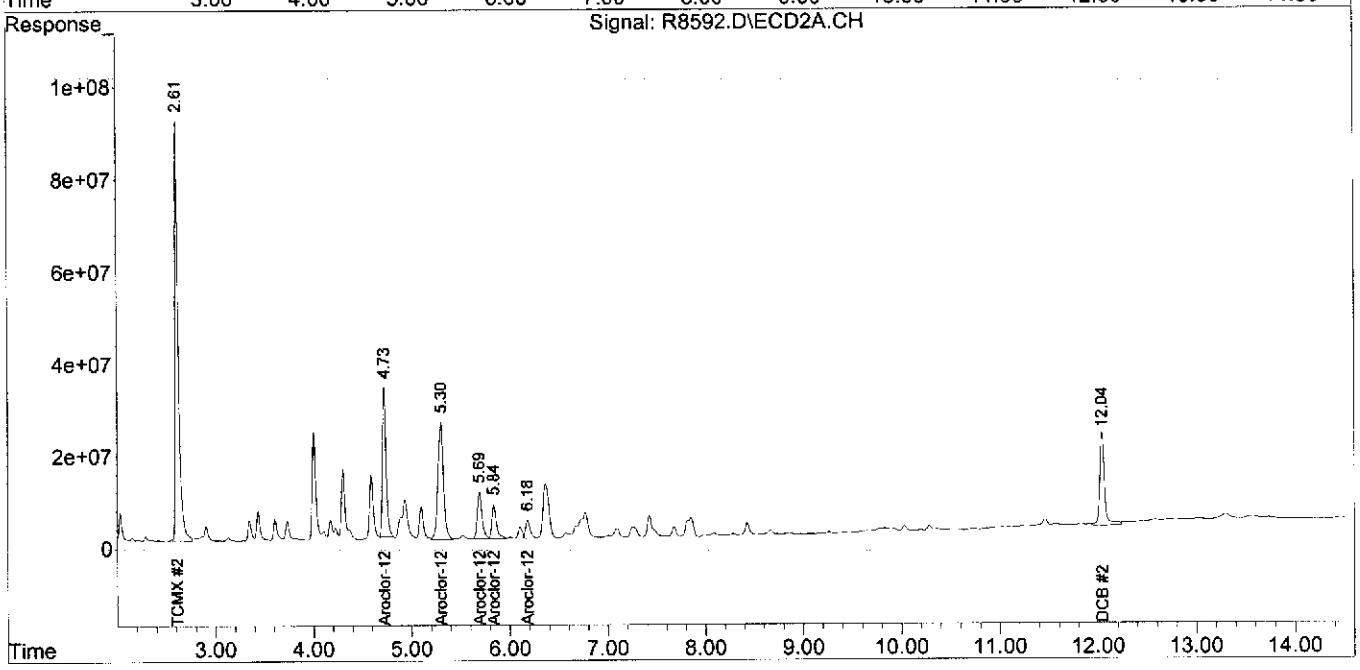
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8592.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 7:18
Operator : JS
Sample : W-13E_(2.0,03068-025,S,5.52g,76.0,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:22:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-11-13\
Data File : R8664.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 6:15
Operator : JS
Sample : V-11E_(0-2,03068-026,S,5.08g,7.90,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:45:05 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	320.0E6	378.6E6	26.992	32.561
Spiked Amount 200.000			Recovery	=	13.50%	16.28%
2) S DCB	12.10	12.03	90831136	91225004	29.052m	29.689m
Spiked Amount 200.000			Recovery	=	14.53%	14.84%
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	4.73	698.6E6	772.8E6	1656.235	1897.079
24) L6 Aroclor-1248 {2}	4.99	5.30	263.4E6	805.9E6	1019.954	1280.726 #
25) L6 Aroclor-1248 {3}	5.32	5.69	372.8E6	658.2E6	1101.727	1454.882 #
26) L6 Aroclor-1248 {4}	6.01	5.84	730.1E6	501.3E6	1550.199	1303.911
27) L6 Aroclor-1248 {5}	0.00	6.18	0	338.0E6	N.D. d	1519.214m#
Sum Aroclor-1248			2064.9E6	3076.1E6	5328.116	7455.811
Average Aroclor-1248					1332.029	1491.162
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

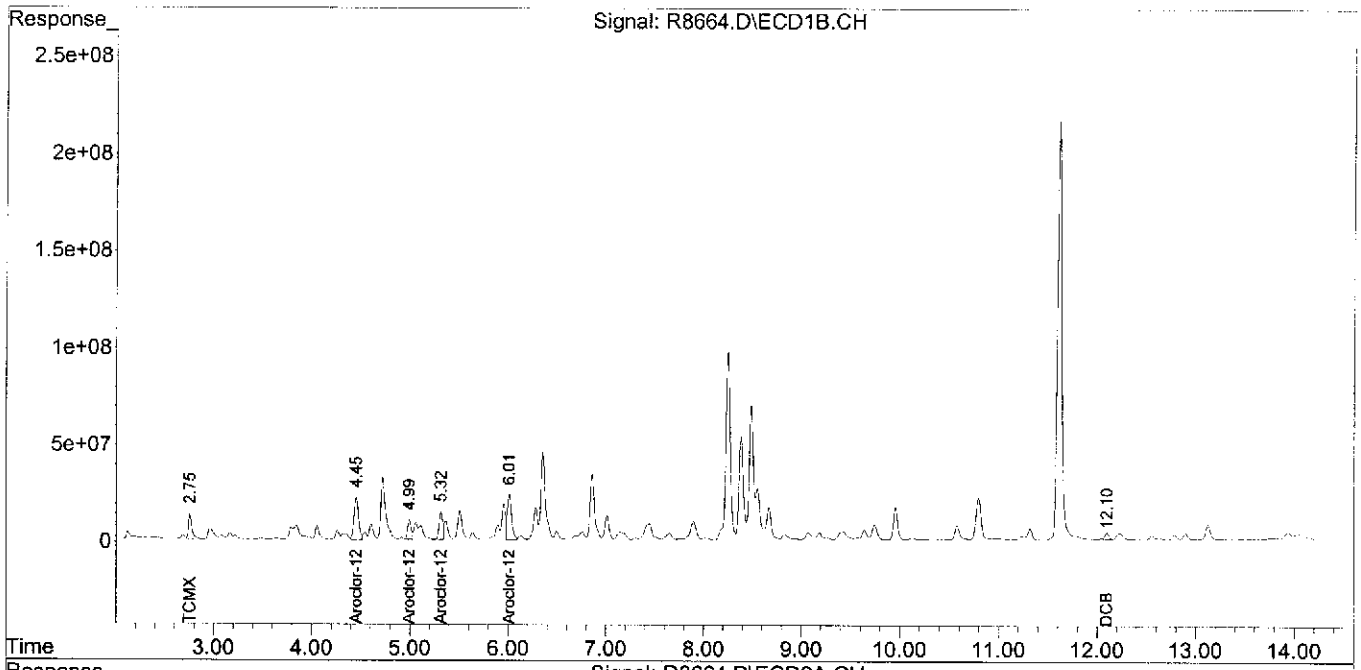
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

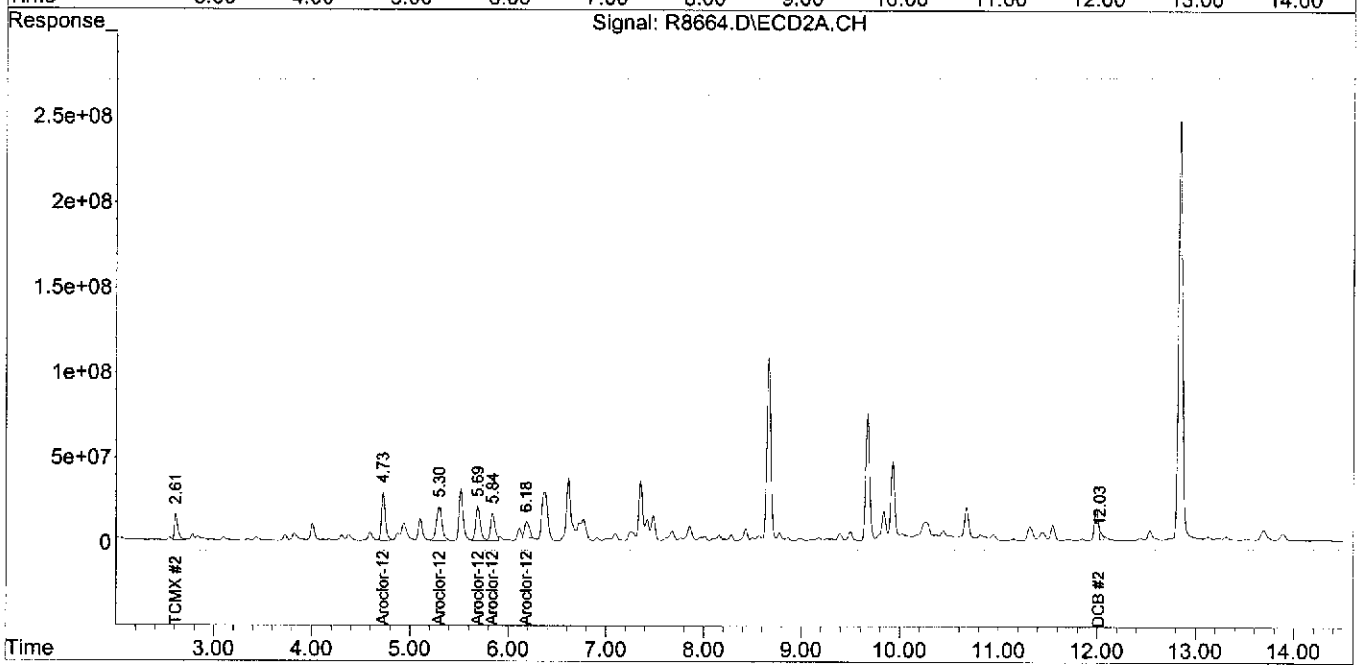
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8664.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 6:15
Operator : JS
Sample : V-11E_(0-2,03068-026,S,5.08g,7.90,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:45:05 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\04-10-13\
Data File : R8594.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 7:53
Operator : JS
Sample : V-12N_(0-2,03068-027,S,5.03g,19.4,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:23:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	88642900	102.5E6	7.478m	8.818m
Spiked Amount 200.000			Recovery	=	3.74%	4.41%
2) S DCB	12.06	12.03	52902272	591.9E6	16.920	192.640m#
Spiked Amount 200.000			Recovery	=	8.46%	96.32%
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	173.7E6	166.0E6	411.812	407.422
24) L6 Aroclor-1248 {2}	4.99	5.30	36598225	96567198	141.711	153.470m
25) L6 Aroclor-1248 {3}	5.32	5.69	47761031	88879415	141.160	196.465 #
26) L6 Aroclor-1248 {4}	6.01	5.84	88216084	58004305	187.298m	150.874
Sum Aroclor-1248			346.3E6	409.4E6	881.981	908.231
Average Aroclor-1248					220.495	227.058
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

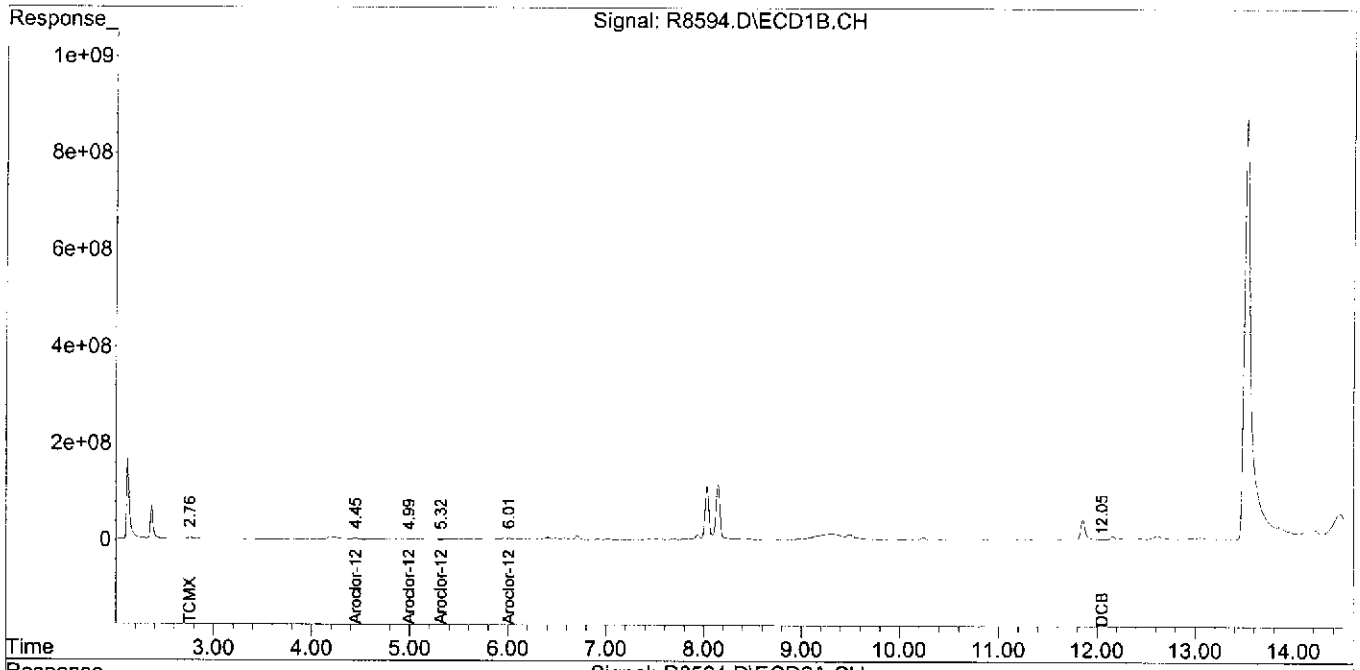
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

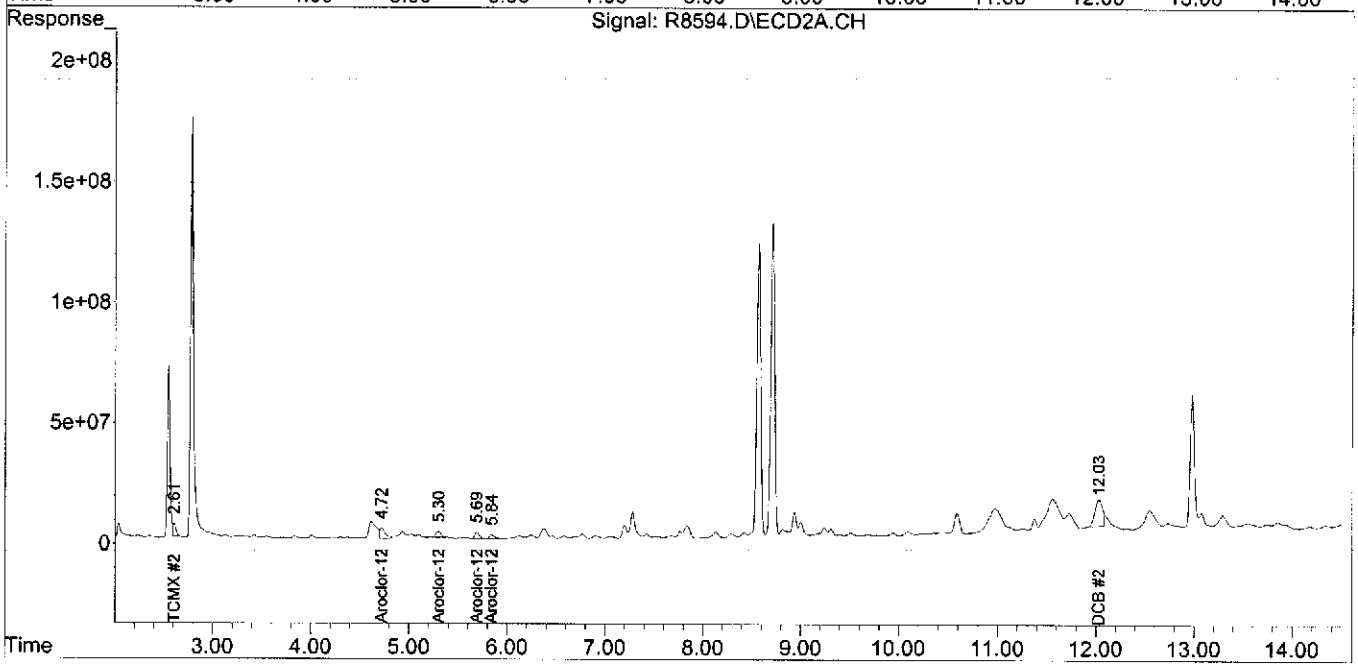
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8594.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 7:53
Operator : JS
Sample : V-12N_(0-2,03068-027,S,5.03g,19.4,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,20
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:23:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-12-13\
Data File : R8683.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 12:22
Operator : JS
Sample : FB-63,03068-028,A,1000ml,100,04/10/13,1
Misc : 130410-06,04/04/13,04/04/13,1
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 17:55:52 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	2.76	2.61	1502.2E6	1572.6E6	126.729	135.262
Spiked Amount 200.000			Recovery	=	63.36%	67.63%
2) S DCB	12.10	12.04	438.1E6	509.1E6	140.128	165.671
Spiked Amount 200.000			Recovery	=	70.06%	82.84%
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

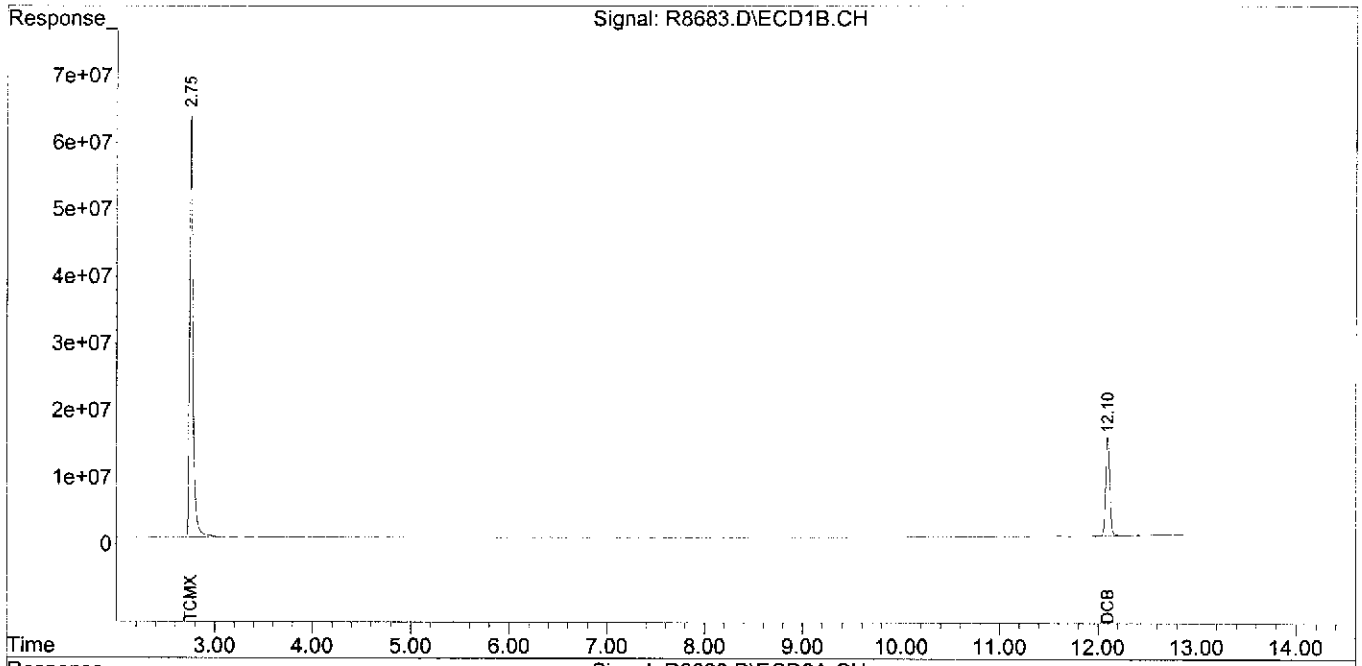
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

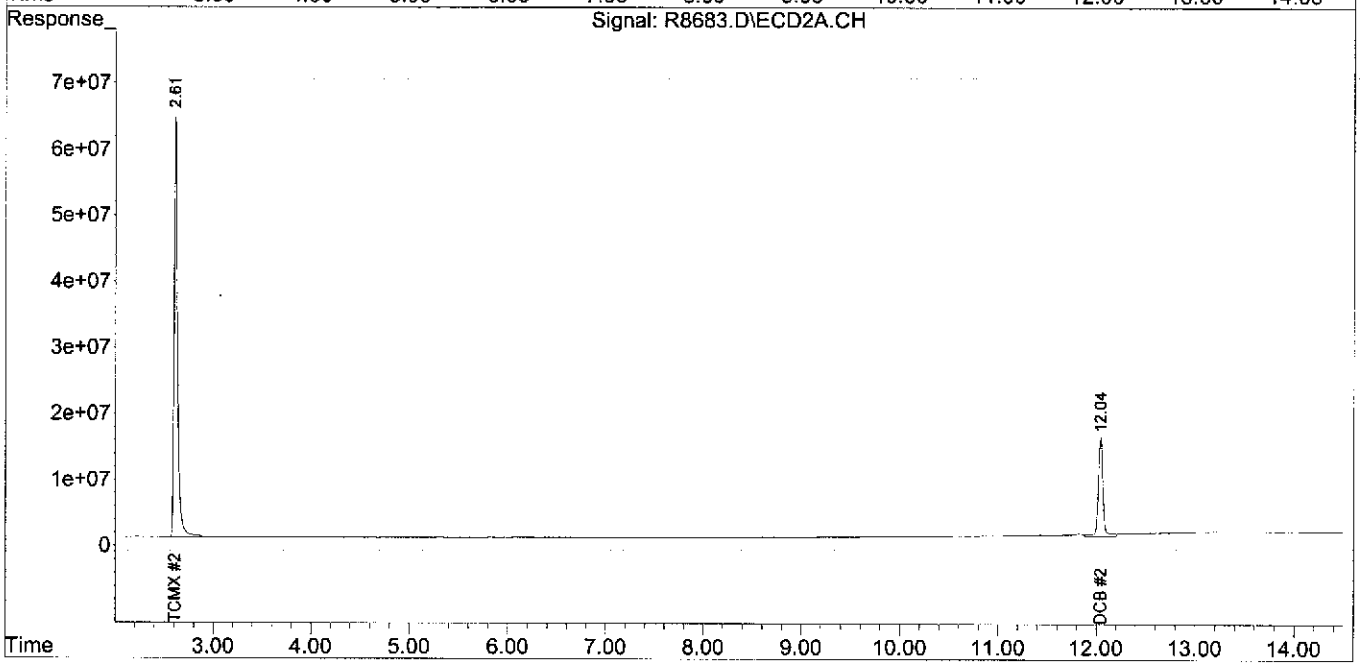
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-12-13\
Data File : R8683.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 12:22
Operator : JS
Sample : FB-63,03068-028,A,1000ml,100,04/10/13,1
Misc : 130410-06,04/04/13,04/04/13,1
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 17:55:52 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\04-10-13\
Data File : R8595.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 8:10
Operator : JS
Sample : W-13S_(0-2,03068-029,S,5.45g,6.90,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:24:16 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1744.5E6	1849.0E6	147.165	159.028
Spiked Amount 200.000			Recovery	=	73.58%	79.51%
2) S DCB	12.10	11.94	548.4E6	44147.3E6	175.410	14367.808 #
Spiked Amount 200.000			Recovery	=	87.70%	7183.90%
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	414.8E6	440.0E6	983.355	1080.115
24) L6 Aroclor-1248 {2}	4.99	5.30	208.4E6	807.6E6	806.884	1283.490 #
25) L6 Aroclor-1248 {3}	5.32	5.69	209.3E6	429.8E6	618.638	950.098 #
26) L6 Aroclor-1248 {4}	6.01	5.84	310.5E6	341.3E6	659.332	887.637 #
27) L6 Aroclor-1248 {5}	0.00	6.18	0	126.6E6	N.D. d	569.004 #
Sum Aroclor-1248			1143.0E6	2145.3E6	3068.209	4770.343
Average Aroclor-1248					767.052	954.069
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

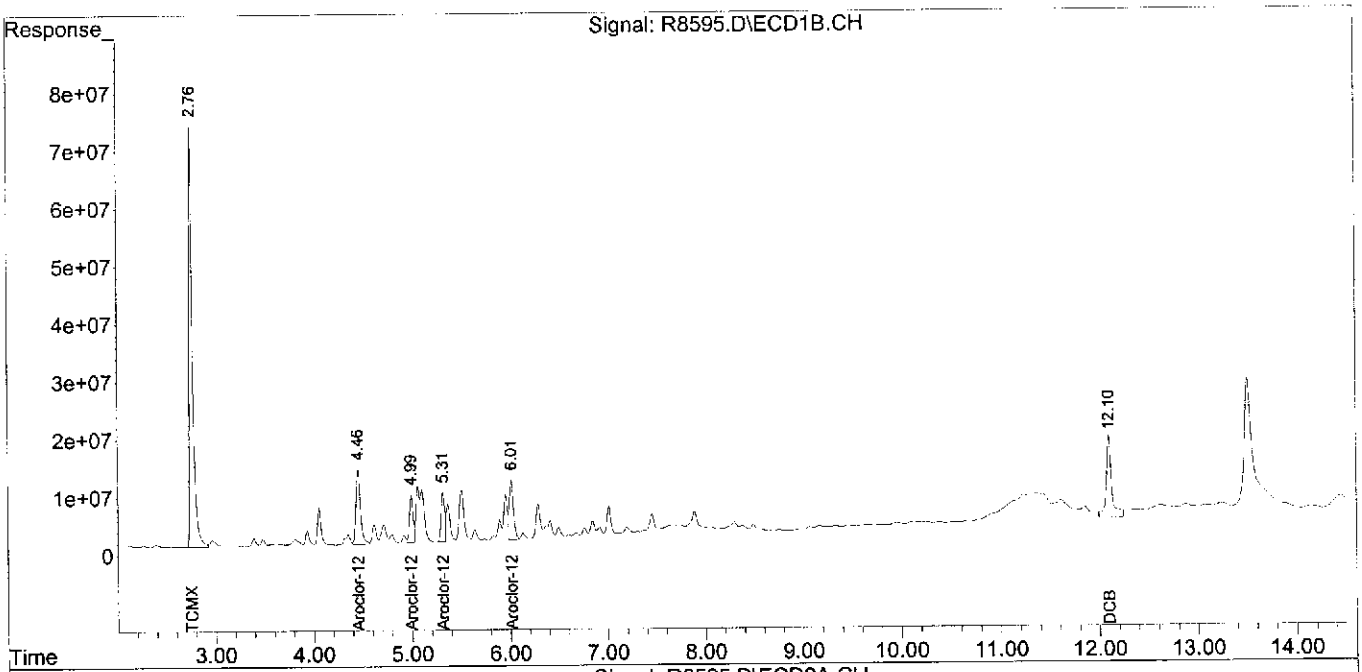
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

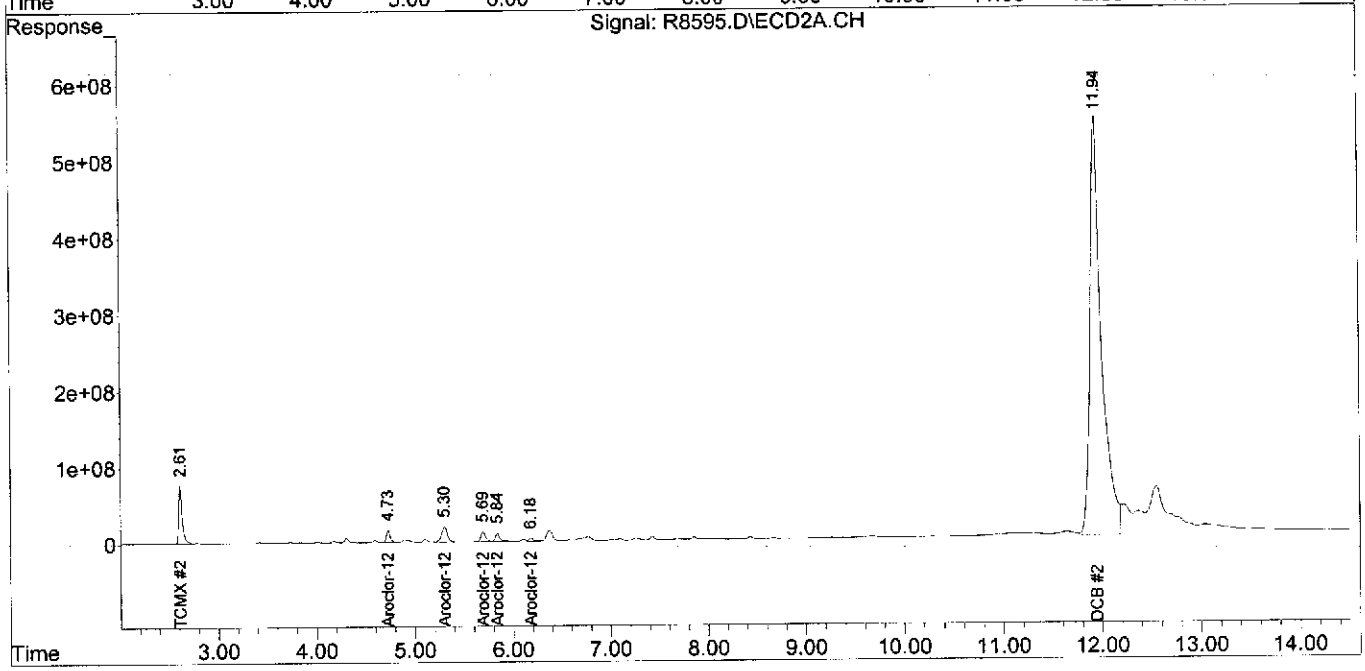
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8595.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 8:10
Operator : JS
Sample : W-13S_(0-2,03068-029,S,5.45g,6.90,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:24:16 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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\04-11-13\
Data File : R8665.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 6:32
Operator : JS
Sample : W-13S_(2.0,03068-030,S,5.60g,19.1,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:27:56 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	2.76	2.61	375.9E6	374.6E6	31.711	32.220
Spiked Amount 200.000			Recovery	=	15.86%	16.11%
2) S DCB	12.10	12.04	99444365	394.6E6	31.807	128.419 #
Spiked Amount 200.000			Recovery	=	15.90%	64.21%
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	4.73	444.1E6	477.8E6	1052.936	1172.808
24) L6 Aroclor-1248 {2}	4.99	5.30	180.0E6	601.3E6	696.842	955.619 #
25) L6 Aroclor-1248 {3}	5.31	5.69	211.4E6	372.4E6	624.858	823.077 #
26) L6 Aroclor-1248 {4}	6.01	5.84	370.1E6	345.9E6	785.709	899.814
27) L6 Aroclor-1248 {5}	0.00	6.18	0	181.4E6	N.D. d	815.658 #
Sum Aroclor-1248			1205.6E6	1978.8E6	3160.345	4666.975
Average Aroclor-1248					790.086	933.395
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

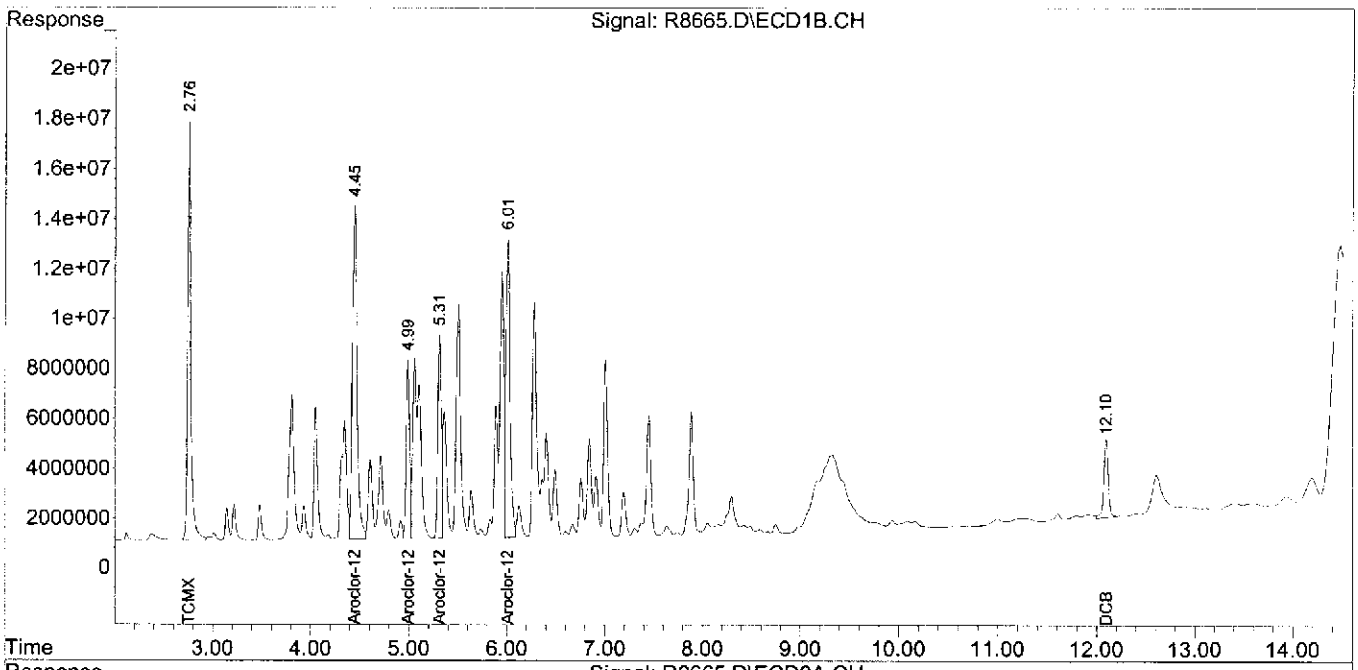
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

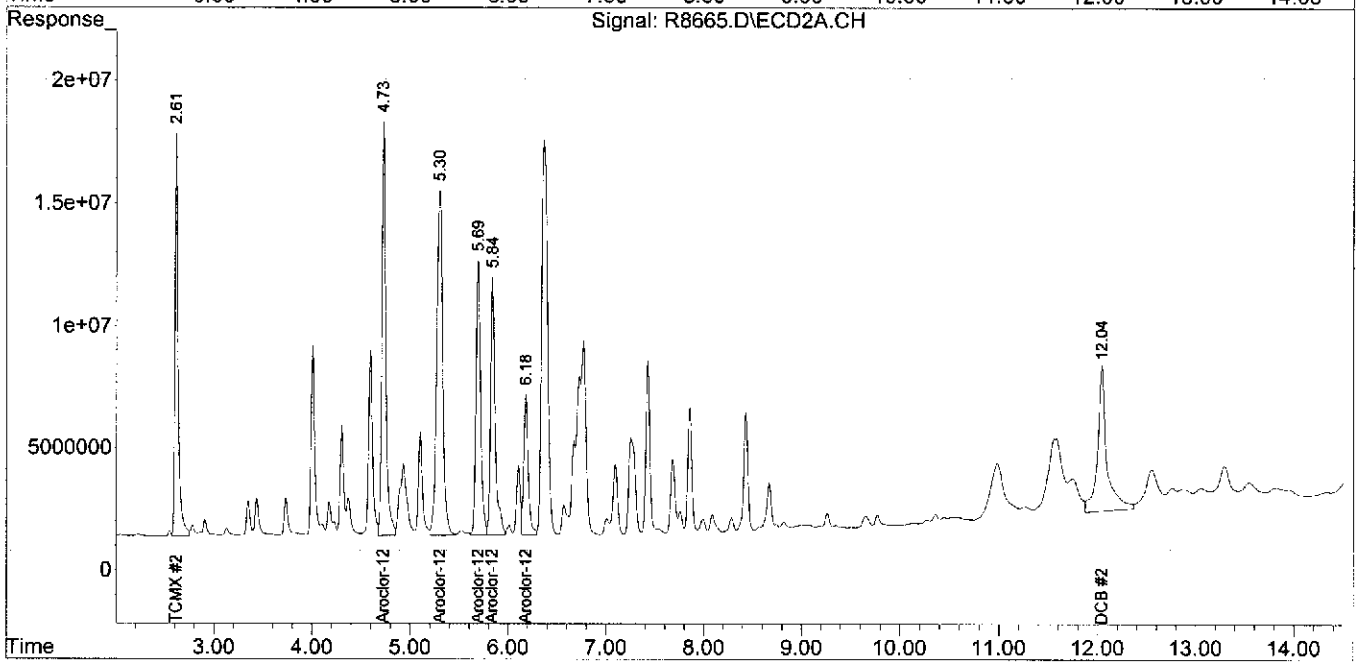
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-11-13\
Data File : R8665.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 12 Apr 2013 6:32
Operator : JS
Sample : W-13S_(2.0,03068-030,S,5.60g,19.1,04/08/13,4
Misc : 130408-18,04/04/13,04/04/13,5
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 15 15:27:56 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS130408-17
Client ID: PCB
Date Received: NA
Date Extracted: 04/08/2013
Date Analyzed: 04/10/2013
Data file: R8553.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\04-10-13\
Data File : R8553.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 18:33
Operator : JS
Sample : PCB,BLKS130408-17,S,5.00g,0,04/08/13,4
Misc : NA,NA,NA,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 13:42:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1855.4E6	1986.0E6	156.519	170.818
Spiked Amount 200.000			Recovery	=	78.26%	85.41%
2) S DCB	12.10	12.04	440.1E6	472.3E6	140.749	153.703
Spiked Amount 200.000			Recovery	=	70.37%	76.85%
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

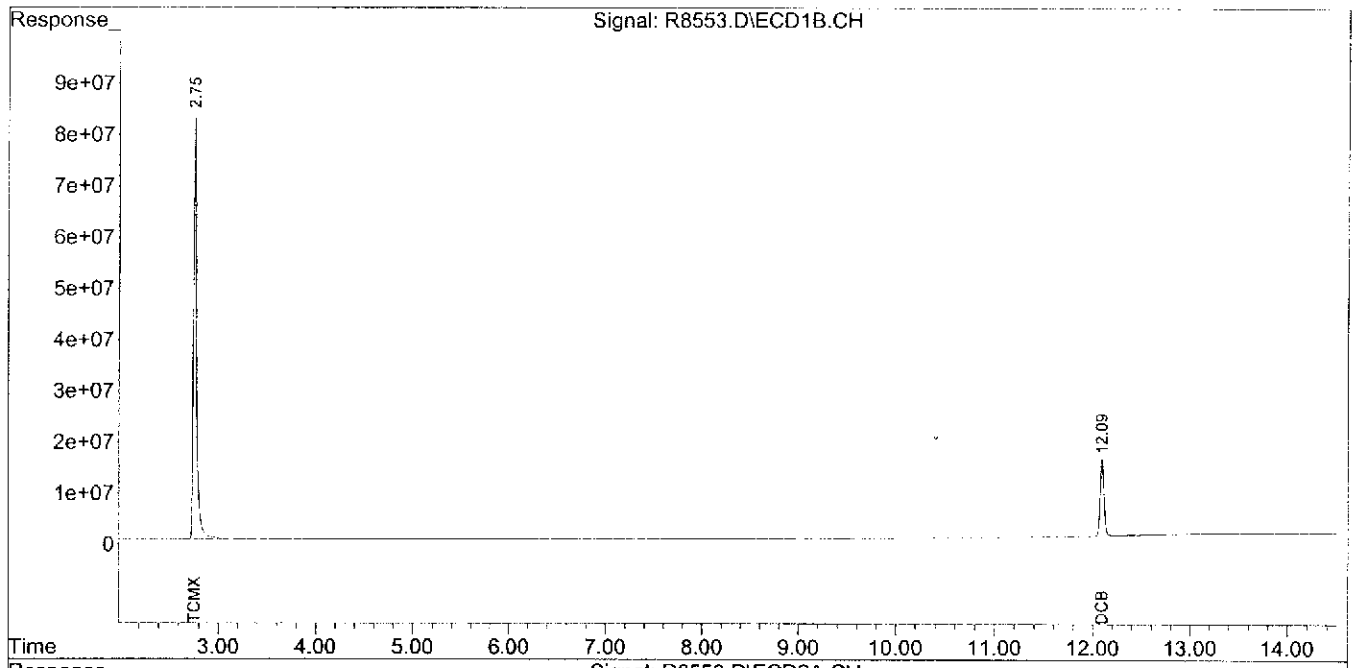
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

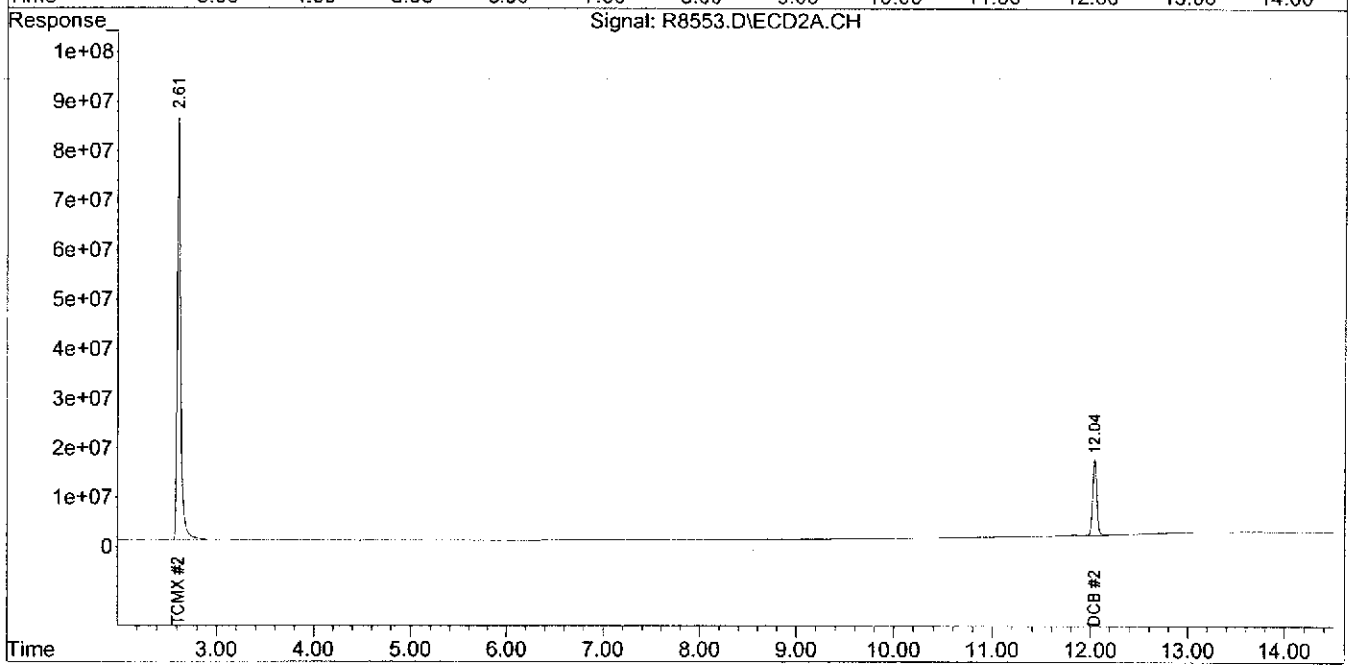
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8553.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Apr 2013 18:33
Operator : JS
Sample : PCB,BLKS130408-17,S,5.00g,0,04/08/13,4
Misc : NA,NA,NA,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 13:42:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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: BLKS130408-18
Client ID: PCB
Date Received: NA
Date Extracted: 04/08/2013
Date Analyzed: 04/11/2013
Data file: R8578.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\04-10-13\
Data File : R8578.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:14
Operator : JS
Sample : PCB,BLKS130408-18,S,5.00g,0,04/08/13,4
Misc : NA,NA,NA,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 15:06:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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	1859.6E6	1972.4E6	156.875	169.646
Spiked Amount 200.000			Recovery	=	78.44%	84.82%
2) S DCB	12.10	12.04	520.7E6	548.9E6	166.542	178.643
Spiked Amount 200.000			Recovery	=	83.27%	89.32%
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

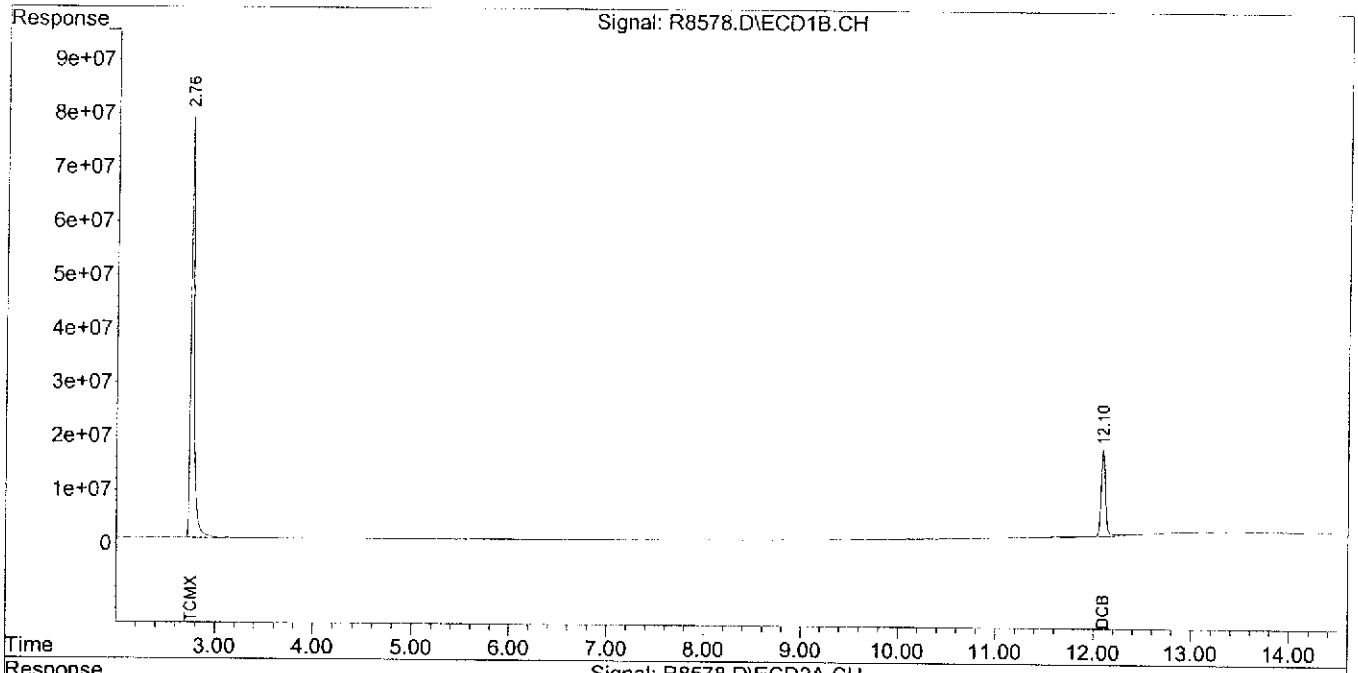
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

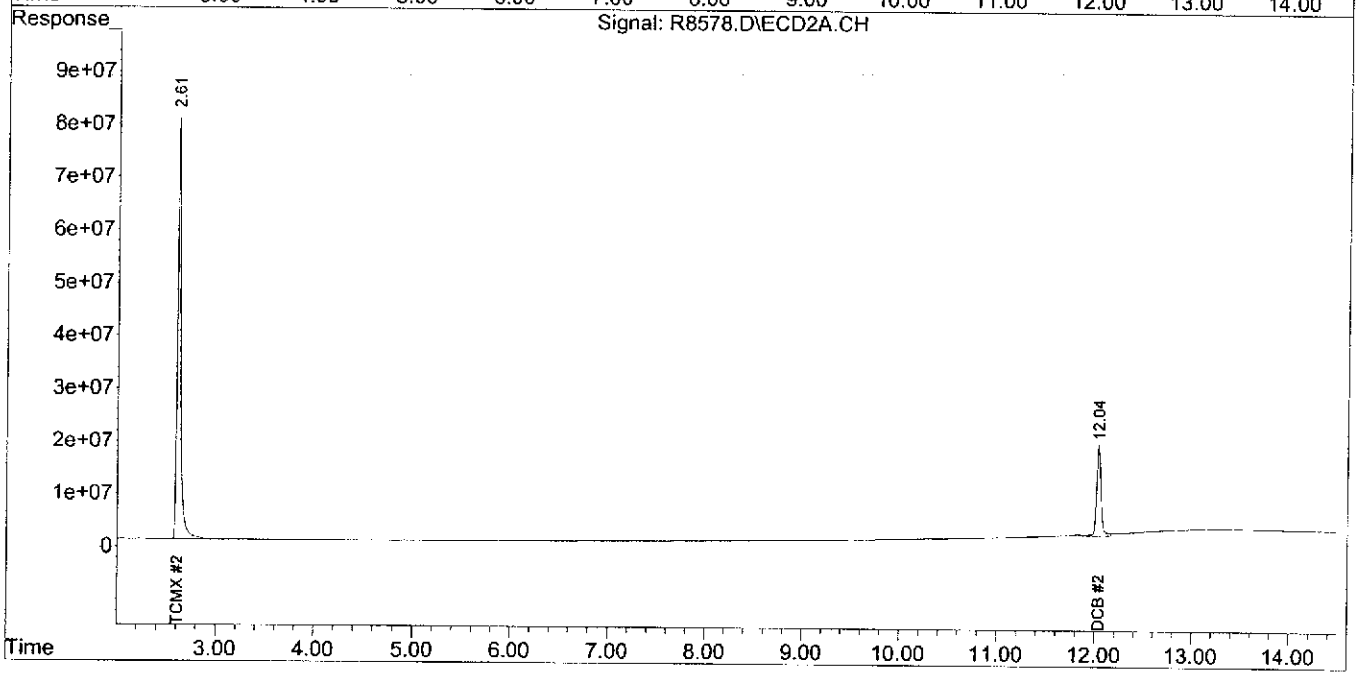
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\04-10-13\
Data File : R8578.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Apr 2013 3:14
Operator : JS
Sample : PCB,BLKS130408-18,S,5.00g,0,04/08/13,4
Misc : NA,NA,NA,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Apr 12 15:06:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0318.M
Quant Title :
QLast Update : Mon Apr 08 09:47:11 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

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

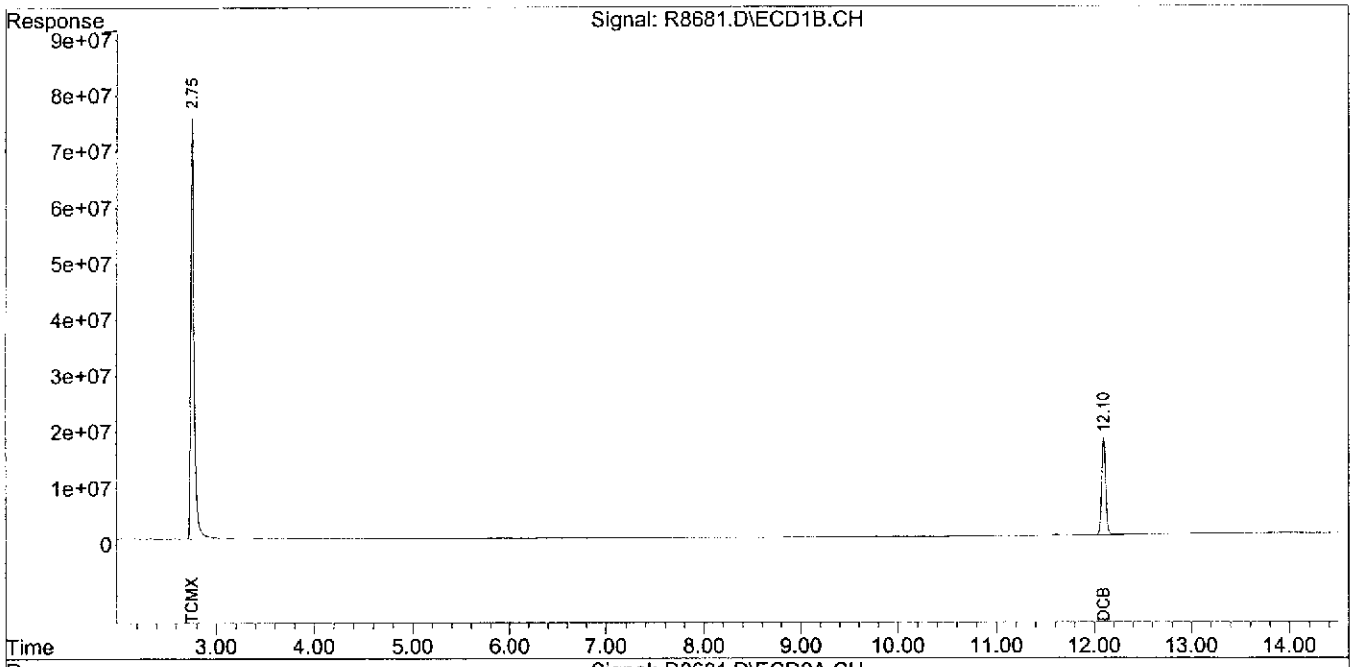
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

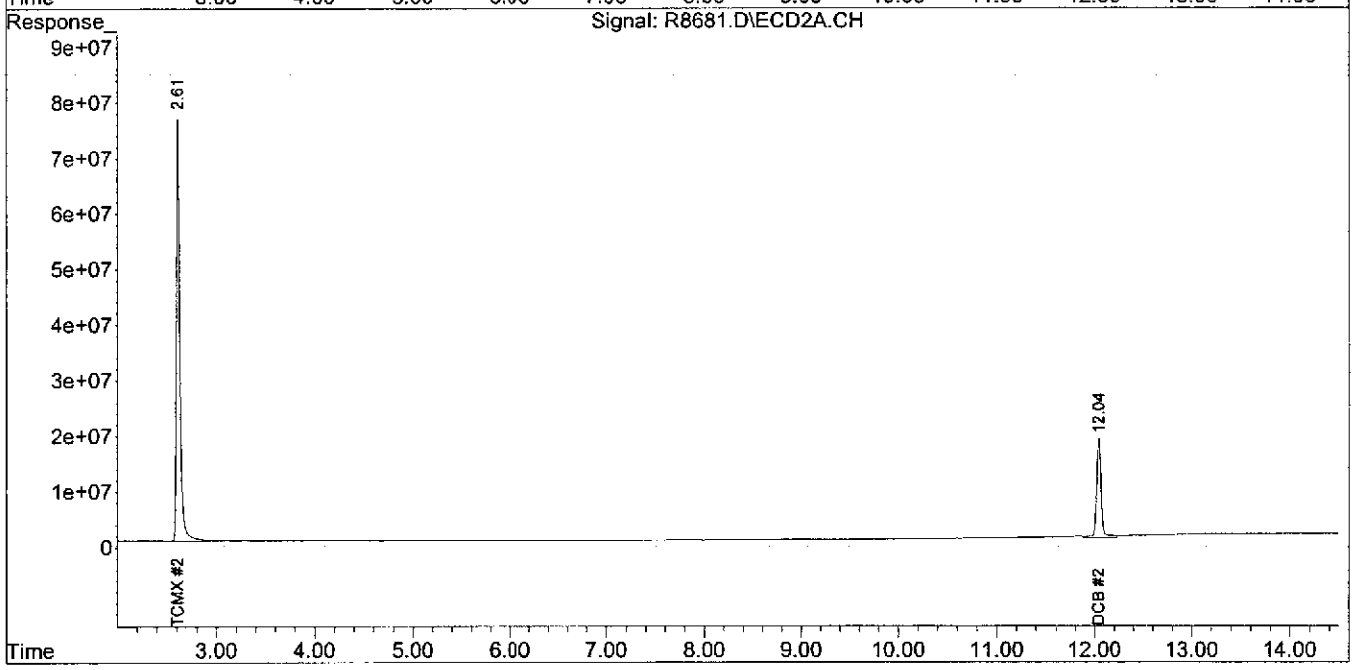
Quantitation Report (QT Reviewed)

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 :





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 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: TCL PCB (8082)

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-37 (0-2.0)		4/4/13	9:00	S	1	1	X						
DD-37 (2.0-4.0)			9:01	S	1	2	X						
DD-36 (0-2.0)			9:15	S	1	3	X						
DD-36 (2.0-4.0)			9:16	S	1	4	X						
EE-37 (0-2.0)			9:28	S	1	5	X						
EE-37 (2.0-4.0)			9:29	S	1	6	X						
EE-36 (0-2.0)			9:42	S	1	7	X						
EE-36 (2.0-4.0)			9:43	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:	4/4/13		Received by:	4/4/13	1500
Relinquished by:	4-4-13	1730	Received by:	4/4/13	1730
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 3068

PAGE: 1 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0159

C:\Documents and Settings\skosch\Desktop\Copy of PCB IALCOC

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 Y °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
FF-35 (0-2.0)		4/4/13	10:00	S	1	9	x						
FF-35 (2.0-4.0)		↓	10:01	S	1	10	x						
FF-34 (0-2.0)			10:18	S	1	11	x						
FF-34 (2.0-4.0)			10:19	S	1	12	x						
H-28 (2.0-4.0)			10:45	S	1	13	x						
G-28 (2.0-4.0)			11:13	S	1	14	x						
F-28 (2.0-4.0)			11:28	S	1	15	x						
W-12N (0-2.0)		↓	12:10	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: [signature]	4/4/13		Received by: [signature]	4-4-13	1500
Relinquished by: [signature]	4-4-13	1730	Received by: [signature] (IEAL)	4/4/13	1730
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 3068

PAGE: 2 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

01557

C:\Documents and Settings\skosch\Desktop\Copy of PCB IALCOC

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 °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
W-12N (2.0-4.0)		4/4/13	12:11	S	1	17	x						
W-12E (0-2.0)			12:25	S	1	18	x						
W-12E (2.0-4.0)			12:26	S	1	19	x						
W-12S (2.0-4.0)			12:37	S	1	20	x						
W-13W (0-2.0)			1:46	S	1	21	x						
W-13W (2.0-4.0)			1:47	S	1	22	x						
W-12W (2.0-4.0)			1:25	S	1	23	x						
W-13E (0-2.0)			2:00	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:	4/4/13		Received by:	4/4/13	500
Relinquished by:	4-4-13	1730	Received by: IAL	4/4/13	1730
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 3068

PAGE: 3 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0158

C:\Documents and Settings\skosch\Desktop\Copy of PCB IALCOC

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 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
W-13E (2.0-4.0)		4/4/13	2:01	S	1	25	X						
V-11E (0-2.0)			2:42	S	1	26	X						
V-12N (0-2.0)			3:00	S	1	27	X						
FB-63			3:12	Aq	2	28	X						
							X						
							X						
							X						
							X						

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

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

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:	4/4/13		Received by:	4-4-13	600
Relinquished by:	4-4-13	1730	Received by:	4/4/13	1730
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 3068

PAGE: 4 of 4

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

C:\Documents and Settings\skosch\Desktop\Copy of PCB IALCOC

10/2010 rev

PROJECT INFORMATION

E13-03068

Case No. E13-03068 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	
Contact	Jim Clabby	**Received**	4/4/2013 17:30
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co kdamm@jmcenvironmental.com; dbosch@jmcenvironmental.com	**Verbal Due**	4/19/2013
Phone	(732) 295-2144 **Fax** (732) 295-2150	**Report Due**	4/26/2013
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	

☑ EMail EDDs

Report Format **Reduced**

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03068-001	DD-37 (0-2.0)	0 / 2	4/4/2013@09:00	Soil	mg/Kg	1
03068-002	DD-37 (2.0-4.0)	2 / 4	4/4/2013@09:01	Soil	mg/Kg	1
03068-003	DD-36 (0-2.0)	0 / 2	4/4/2013@09:15	Soil	mg/Kg	1
03068-004	DD-36 (2.0-4.0)	2 / 4	4/4/2013@09:16	Soil	mg/Kg	1
03068-005	EE-37 (0-2.0)	0 / 2	4/4/2013@09:28	Soil	mg/Kg	1
03068-006	EE-37 (2.0-4.0)	2 / 4	4/4/2013@09:29	Soil	mg/Kg	1
03068-007	EE-36 (0-2.0)	0 / 2	4/4/2013@09:42	Soil	mg/Kg	1
03068-008	EE-36 (2.0-4.0)	2 / 4	4/4/2013@09:43	Soil	mg/Kg	1
03068-009	FF-35 (0-2.0)	0 / 2	4/4/2013@10:00	Soil	mg/Kg	1
03068-010	FF-35 (2.0-4.0)	2 / 4	4/4/2013@10:01	Soil	mg/Kg	1
03068-011	FF-34 (0-2.0)	0 / 2	4/4/2013@10:18	Soil	mg/Kg	1
03068-012	FF-34 (2.0-4.0)	2 / 4	4/4/2013@10:19	Soil	mg/Kg	1
03068-013	H-28 (2.0-4.0)	2 / 4	4/4/2013@10:45	Soil	mg/Kg	1
03068-014	G-28 (2.0-4.0)	2 / 4	4/4/2013@11:13	Soil	mg/Kg	1
03068-015	F-28 (2.0-4.0)	2 / 4	4/4/2013@11:28	Soil	mg/Kg	1
03068-016	W-12N (0-2.0)	0 / 2	4/4/2013@12:10	Soil	mg/Kg	1
03068-017	W-12N (2.0-4.0)	2 / 4	4/4/2013@12:11	Soil	mg/Kg	1
03068-018	W-12E (0-2.0)	0 / 2	4/4/2013@12:25	Soil	mg/Kg	1
03068-019	W-12E (2.0-4.0)	2 / 4	4/4/2013@12:26	Soil	mg/Kg	1
03068-020	W-12S (2.0-4.0)	2 / 4	4/4/2013@12:37	Soil	mg/Kg	1
03068-021	W-13W (0-2.0)	0 / 2	4/4/2013@13:46	Soil	mg/Kg	1
03068-022	W-13W (2.0-4.0)	2 / 4	4/4/2013@13:47	Soil	mg/Kg	1
03068-023	W-12W (2.0-4.0)	2 / 4	4/4/2013@13:25	Soil	mg/Kg	1
03068-024	W-13E (0-2.0)	0 / 2	4/4/2013@14:00	Soil	mg/Kg	1
03068-025	W-13E (2.0-4.0)	2 / 4	4/4/2013@14:01	Soil	mg/Kg	1
03068-026	V-11E (0-2.0)	0 / 2	4/4/2013@14:42	Soil	mg/Kg	1
03068-027	V-12N (0-2.0)	0 / 2	4/4/2013@15:00	Soil	mg/Kg	1
03068-028	FB-63	n/a	4/4/2013@15:12	Aqueous	mg/L	2
03068-029	W-13S (0-2.0)	0 / 2	4/4/2013	Soil	mg/Kg	1

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

April 08, 2013

PROJECT INFORMATION

E13-03068

Case No. E13-03068 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
03068-030	W-13S (2.0-4.0)	2 / 4	4/4/2013	Soil	mg/Kg	1

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

04/05/2013 13:32 by Ellen - NOTE 3

2 SAMPLES RECEIVED BUT NOT ON COC. AS PER KIM'S CONVERSATION W/ STEVE K., PLEASE ANALYZE.

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

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 13** **03068** CLIENT: JMC

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

COC: (COMPLETE) / INCOMPLETE

Comments

KEY

✓ = **YES/NA**
✗ = **NO**

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

✓	Bottles Intact	029 - W - 135(0 - 2.0) - 4/4/13 - (1) JMR
✓	no-Missing Bottles	030 - W - 135(2.0 - 4.0) - 4/4/13 - (1) JMR
✗	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 [JR] DATE [4/4/13]

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 [MT] DATE [4.8.13]

Laboratory Custody Chronicle

IAL Case No.

E13-03068

Client JMC Environmental Consultants

Project ARSYNCO

Received On 4/ 4/2013@17:30

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	03068-001	Soil	4/ 8/13	Archimede	4/12/13	Justyna
"	-002	"	4/ 8/13	Archimede	4/10/13	Justyna
"	-003	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-004	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-005	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-006	"	4/ 8/13	Archimede	4/10/13	Justyna
"	-007	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-008	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-009	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-010	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-011	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-012	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-013	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-014	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-015	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-016	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-017	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-018	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-019	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-020	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-021	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-022	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-023	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-024	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-025	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-026	"	4/ 8/13	Archimede	4/12/13	Justyna
"	-027	"	4/ 8/13	Archimede	4/11/13	Justyna
"	-028	Aqueous	4/10/13	Archimede	4/12/13	Justyna
"	-029	Soil	4/ 8/13	Archimede	4/11/13	Justyna
"	-030	"	4/ 8/13	Archimede	4/12/13	Justyna

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