

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID: Q1403
Client: Chemtech Consulting Group
Contact: QA Officer

OrderDate: 2/21/2025 9:14:00 AM
Project: Weekly Storage Blanks
Location: H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1403-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	02/21/25	02/24/25	02/26/25	02/21/25
Q1403-14	PCB-GPC2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	02/21/25	02/24/25	02/26/25	02/21/25

Hit Summary Sheet
SW-846

SDG No.: Q1403

Order ID: Q1403

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB-GPC2-BLANK-SPIKE								
Q1403-14	PCB-GPC2-BLANK-§ SOIL	§ SOIL	Aroclor-1016	350		4.50	100	ug/kg
Q1403-14	PCB-GPC2-BLANK-§ SOIL	§ SOIL	Aroclor-1260	400		4.80	100	ug/kg
Total Concentration:				750.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q1403

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PQ069997.D	PIBLK-PQ069997.D	TCX	1	20	0.20	102		30	150
		DCB	1	40	0.42	106		30	150
		TCX	2	20	0.21	105		30	150
		DCB	2	40	0.41	102		30	150
I.BLK-PQ070010.D	PIBLK-PQ070010.D	TCX	1	20	0.21	104		30	150
		DCB	1	40	0.43	109		30	150
		TCX	2	20	0.21	105		30	150
		DCB	2	40	0.42	104		30	150
Q1403-13	PCB-GPC2-BLANK	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
Q1403-14	PCB-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
I.BLK-PQ070014.D	PIBLK-PQ070014.D	TCX	1	20	0.21	103		30	150
		DCB	1	40	0.43	107		30	150
		TCX	2	20	0.20	102		30	150
		DCB	2	40	0.42	104		30	150



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/21/25
Project:	Weekly Storage Blanks	Date Received:	02/21/25
Client Sample ID:	PCB-GPC2-BLANK	SDG No.:	Q1403
Lab Sample ID:	Q1403-13	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	2.0	PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070012.D	1	02/24/25 10:36	02/26/25 16:06	PB166845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	100	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	100	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	100	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	100	ug/kg
12672-29-6	Aroclor-1248	4.80	U	4.80	100	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	100	ug/kg
11096-82-5	Aroclor-1260	4.80	U	4.80	100	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	100	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	30 - 150	%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	30 - 150	%	SPK: 40

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:06
Operator : YP\AJ
Sample : Q1403-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:35:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

Target Compounds

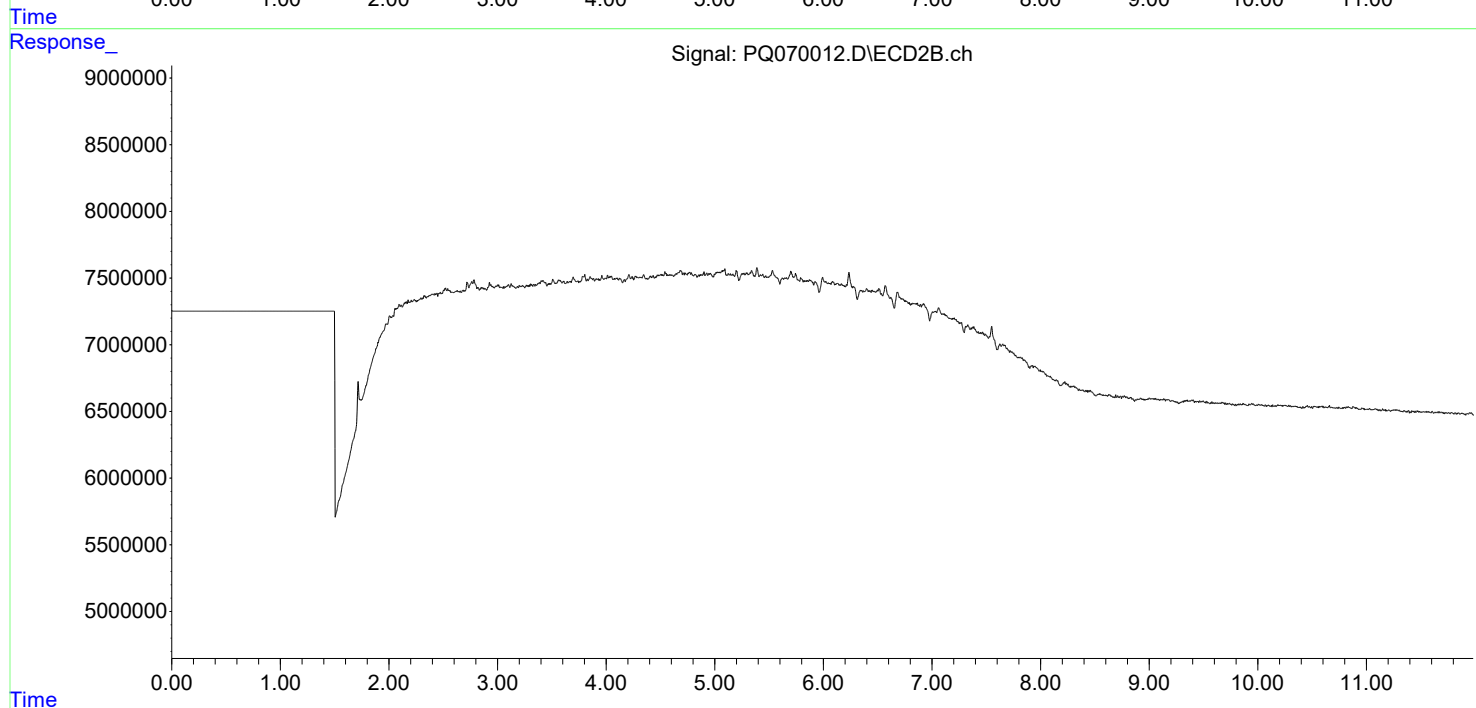
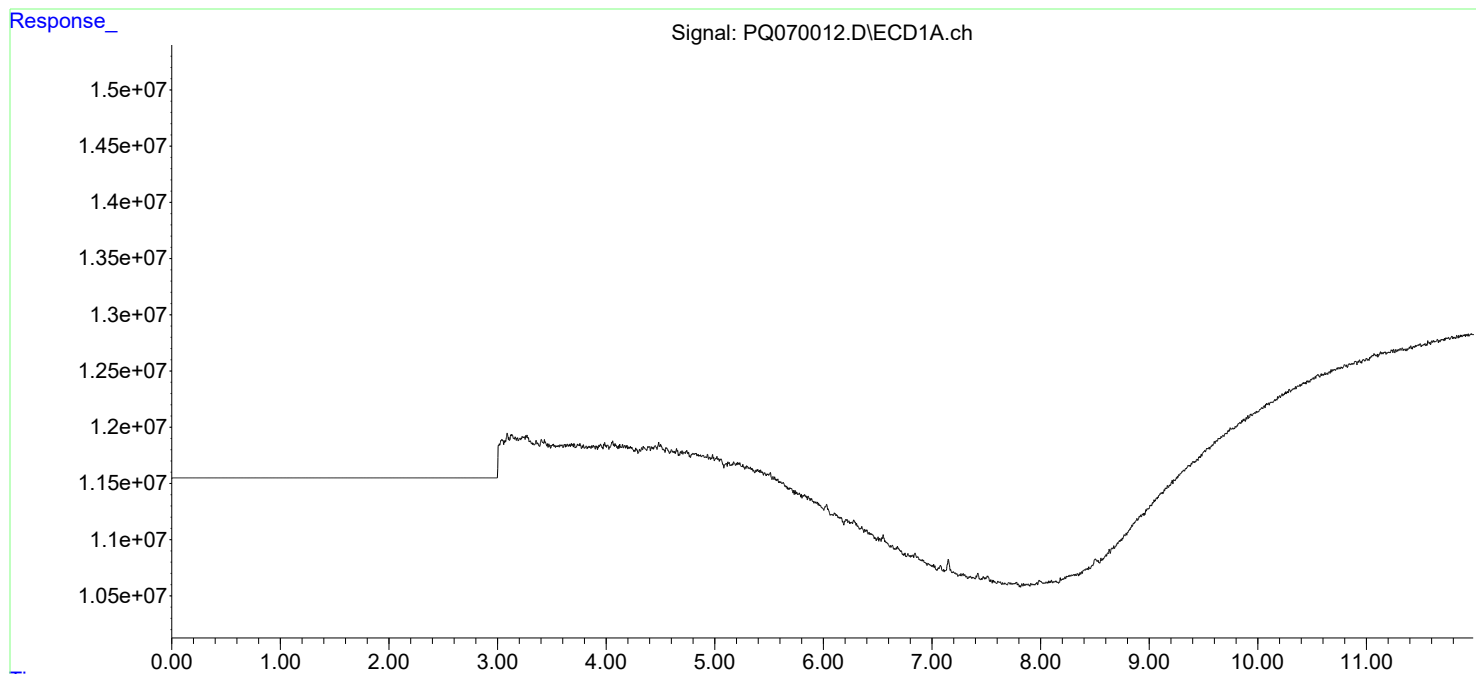
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070012.D
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Acq On : 26 Feb 2025 16:06
Operator : YP\AJ
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Misc :
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Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/21/25
Project:	Weekly Storage Blanks	Date Received:	02/21/25
Client Sample ID:	PCB-GPC2-BLANK-SPIKE	SDG No.:	Q1403
Lab Sample ID:	Q1403-14	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	2.0	PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070013.D	1	02/24/25 10:36	02/26/25 16:20	PB166845

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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11141-16-5	Aroclor-1232	4.80	U	4.80	100	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	100	ug/kg
12672-29-6	Aroclor-1248	4.80	U	4.80	100	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	100	ug/kg
11096-82-5	Aroclor-1260	400		4.80	100	ug/kg
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Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:20
 Operator : YP\AJ
 Sample : Q1403-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PCB-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:35:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

Target Compounds

3)	L1	AR-1016-1	4.487	3.787	99648409	86086786	375.761	396.356
4)	L1	AR-1016-2	4.505	3.803	168.6E6	140.9E6	370.169	345.303
5)	L1	AR-1016-3	4.563	3.964	101.6E6	76368878	339.019	372.709
6)	L1	AR-1016-4	4.652	4.012	81443018	66591939	343.098	350.892
7)	L1	AR-1016-5	4.936	4.207	78797877	79714736	338.363	360.923
31)	L7	AR-1260-1	6.026	5.201	168.0E6	164.3E6	422.248	412.253
32)	L7	AR-1260-2	6.282	5.390	187.6E6	193.1E6	437.246	417.912
33)	L7	AR-1260-3	6.633	5.532	133.9E6	183.2E6	385.253	416.363
34)	L7	AR-1260-4	6.847	5.992	154.6E6	138.1E6	410.735	353.945
35)	L7	AR-1260-5	7.152	6.237	266.2E6	341.6E6	402.127	419.480

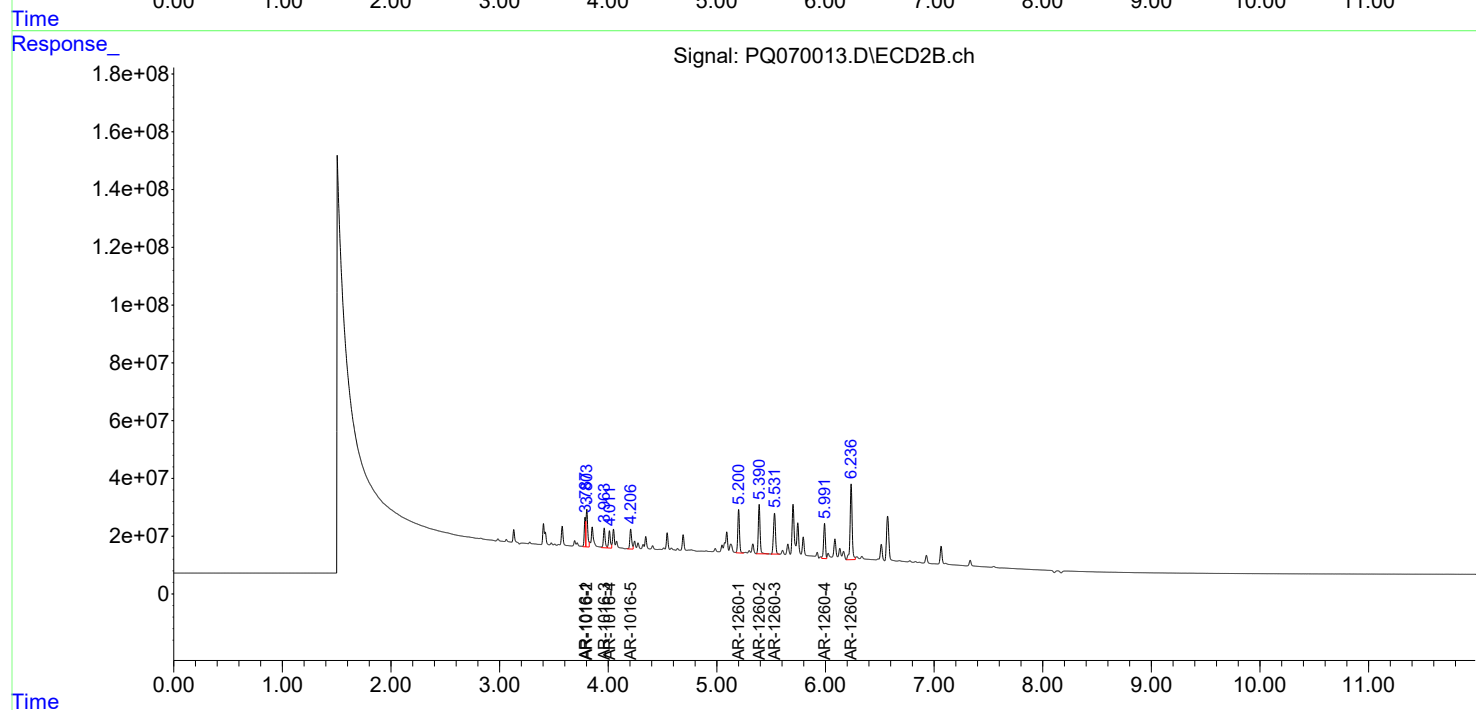
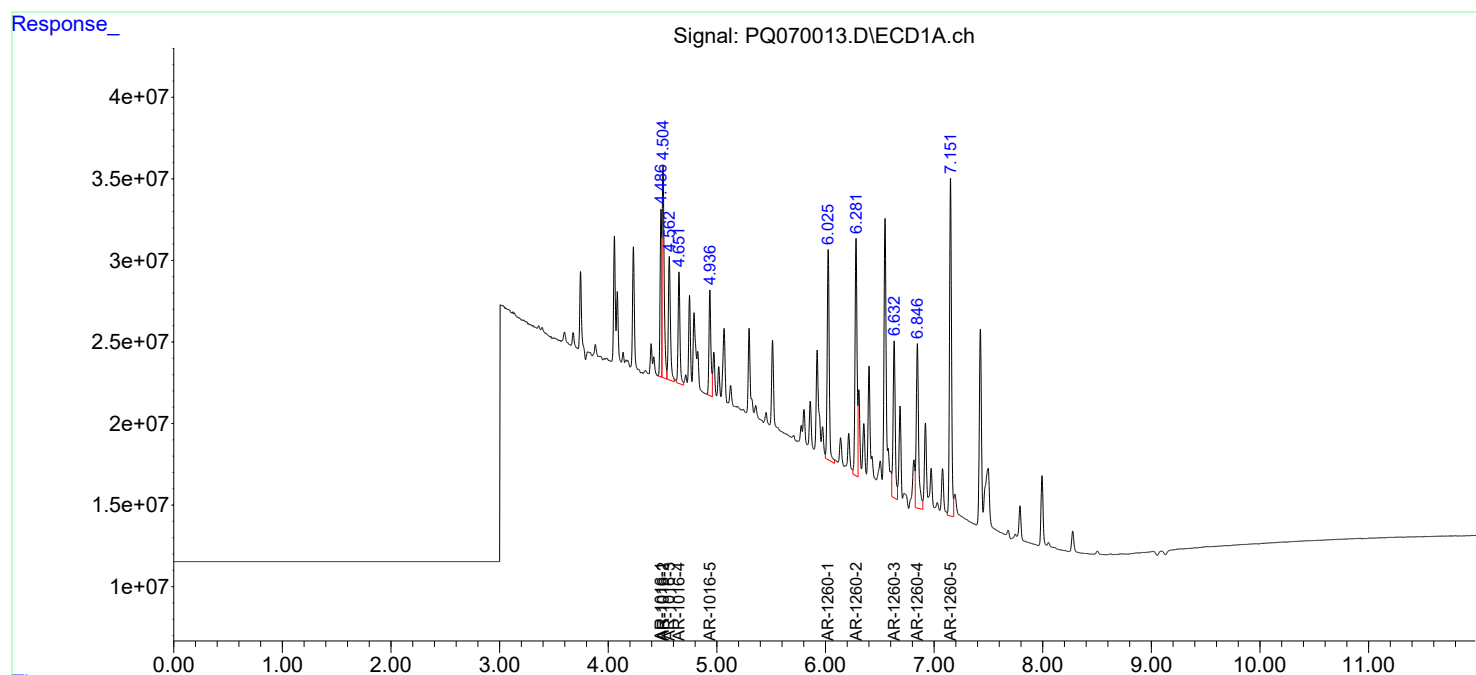
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:20
Operator : YP\AJ
Sample : Q1403-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK-SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:35:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1403 **SAS No.:** Q1403 **SDG NO.:** Q1403
Instrument ID: ECD_Q **Calibration Date(s):** 02/26/2025 02/26/2025
Calibration Times: 12:42 15:22

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 100 = <u>PQ069998.D</u>	RT 200 = <u>PQ069999.D</u>
RT 400 = <u>PQ070000.D</u>	RT 800 = <u>PQ070001.D</u>	RT 1600 = <u>PQ070002.D</u>

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.49	4.49	4.49	4.49	4.49	4.49	4.42	4.56
Aroclor-1016-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.43	4.57
Aroclor-1016-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.49	4.63
Aroclor-1016-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.58	4.72
Aroclor-1016-5	(5)	4.94	4.94	4.94	4.94	4.94	4.94	4.87	5.01
Aroclor-1260-1	(1)	6.03	6.03	6.03	6.03	6.03	6.03	5.96	6.10
Aroclor-1260-2	(2)	6.28	6.28	6.28	6.28	6.28	6.28	6.21	6.35
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.56	6.70
Aroclor-1260-4	(4)	6.85	6.85	6.85	6.85	6.85	6.85	6.78	6.92
Aroclor-1260-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.08	7.22
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.41	3.40	3.40	3.40	3.41	3.40	3.35	3.45

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1403 **SAS No.:** Q1403 **SDG NO.:** Q1403
Instrument ID: ECD_Q **Calibration Date(s):** 02/26/2025 02/26/2025
Calibration Times: 12:42 15:22

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:								
CF 100 =		PQ069998.D		CF 200 =		PQ069999.D		
CF 400 =		PQ070000.D		CF 800 =		PQ070001.D		
CF 1600 =		PQ070002.D						
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	287769220	290141315	269455573	253669045	224920764	265191183	10
Aroclor-1016-2	(2)	504388970	493940635	458617933	429486958	391008570	455488613	10
Aroclor-1016-3	(3)	327433730	331061875	304773685	281313378	254483443	299813222	11
Aroclor-1016-4	(4)	254306720	259527545	242859760	226552466	203632008	237375700	10
Aroclor-1016-5	(5)	251608870	257075515	238906318	218992596	197814684	232879597	11
Aroclor-1260-1	(1)	431144230	430503045	401100255	380071539	346821099	397928034	9
Aroclor-1260-2	(2)	456033420	461906395	433185380	416596829	377756414	429095688	8
Aroclor-1260-3	(3)	363241630	375248295	354527150	336016760	309011324	347609032	7
Aroclor-1260-4	(4)	397627450	406750035	382709013	361613446	333895588	376519106	8
Aroclor-1260-5	(5)	677911610	695790970	669357245	652186750	615050367	662059388	5
DCB		4623122600	4778915400	4575863700	4333576250	4026494663	4467594523	7
TCX		11090680600	11241966900	10557186400	10049934425	9272729850	10442499635	8



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Instrument ID: ECD_Q Calibration Date(s): 02/26/2025 02/26/2025

Calibration Times: 12:42 15:22

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:								
CF 100 = <u>PQ069998.D</u>		CF 200 = <u>PQ069999.D</u>						
CF 400 = <u>PQ070000.D</u>		CF 800 = <u>PQ070001.D</u>		CF 1600 = <u>PQ070002.D</u>				
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	234194970	232650705	221306160	209777771	188049476	217195816	9
Aroclor-1016-2	(2)	454247350	448576380	408661623	376801890	351912531	408039955	11
Aroclor-1016-3	(3)	227608480	223539735	206597285	191278898	175487643	204902408	11
Aroclor-1016-4	(4)	216493740	211431625	190816958	172864695	157289333	189779270	13
Aroclor-1016-5	(5)	247721640	244375430	220450758	203848838	187920418	220863417	12
Aroclor-1260-1	(1)	438401160	433339235	403838245	372842581	344220407	398528326	10
Aroclor-1260-2	(2)	504554480	497258900	468763188	436748509	402527533	461970522	9
Aroclor-1260-3	(3)	482147120	472141350	442007460	415357516	387929873	439916664	9
Aroclor-1260-4	(4)	435179050	422158955	390303883	360146516	343404181	390238517	10
Aroclor-1260-5	(5)	851436580	862009865	825075885	776183705	756662673	814273742	6
DCB		6413301400	6385198050	5969403750	5684959150	5306973356	5951967141	8
TCX		8784268800	8726402600	8076322800	7666987150	7236403838	8098077038	8



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Instrument ID: ECD_Q Date(s) Analyzed: 02/26/2025 02/26/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	3.60	3.53	3.67	135534000
		2	3.68	3.61	3.75	94135000
		3	3.75	3.68	3.82	309467000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.74	3.67	3.81	236353000
		2	4.23	4.16	4.30	141901000
		3	4.50	4.43	4.57	258438000
		4	4.65	4.58	4.72	128995000
		5	4.75	4.68	4.82	87064500
Aroclor-1242	100	1	4.49	4.42	4.56	258478000
		2	4.50	4.43	4.57	441279000
		3	4.56	4.49	4.63	275485000
		4	4.65	4.58	4.72	224102000
		5	5.36	5.29	5.43	192823000
Aroclor-1248	100	1	4.49	4.42	4.56	192187000
		2	4.75	4.68	4.82	307208000
		3	4.94	4.87	5.01	363369000
		4	5.32	5.25	5.39	349118000
		5	5.36	5.29	5.43	333994000
Aroclor-1254	100	1	5.30	5.23	5.37	407117000
		2	5.51	5.44	5.58	610278000
		3	5.86	5.79	5.93	616739000
		4	6.14	6.07	6.21	365326000
		5	6.55	6.48	6.62	437672000
Aroclor-1262	100	1	6.85	6.78	6.92	564170000
		2	7.15	7.08	7.22	885559000
		3	7.42	7.35	7.49	565858000
		4	7.50	7.43	7.57	551204000
		5	7.99	7.92	8.06	264133000
Aroclor-1268	100	1	7.42	7.35	7.49	1063980000
		2	7.50	7.43	7.57	1014610000
		3	7.68	7.61	7.75	840486000
		4	7.99	7.92	8.06	307733000
		5	8.28	8.21	8.35	2215080000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Instrument ID: ECD_Q Date(s) Analyzed: 02/26/2025 02/26/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	2.98	2.91	3.05	110098000
		2	3.06	2.99	3.13	76178800
		3	3.13	3.06	3.20	260440000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.13	3.06	3.20	199984000
		2	3.80	3.73	3.87	215804000
		3	3.96	3.89	4.03	103617000
		4	4.05	3.98	4.12	92158400
		5	4.21	4.14	4.28	109610000
Aroclor-1242	100	1	3.79	3.72	3.86	216183000
		2	3.80	3.73	3.87	381680000
		3	3.96	3.89	4.03	188370000
		4	4.05	3.98	4.12	186605000
		5	4.54	4.47	4.61	224457000
Aroclor-1248	100	1	3.79	3.72	3.86	175393000
		2	4.01	3.94	4.08	293286000
		3	4.05	3.98	4.12	279260000
		4	4.21	4.14	4.28	334690000
		5	4.58	4.51	4.65	292836000
Aroclor-1254	100	1	4.54	4.47	4.61	482328000
		2	4.69	4.62	4.76	428750000
		3	5.07	5.00	5.14	651744000
		4	5.30	5.23	5.37	335901000
		5	5.70	5.63	5.77	547591000
Aroclor-1262	100	1	5.75	5.68	5.82	641067000
		2	5.99	5.92	6.06	615038000
		3	6.52	6.45	6.59	438626000
		4	6.58	6.51	6.65	755438000
		5	7.06	6.99	7.13	351000000
Aroclor-1268	100	1	6.52	6.45	6.59	1212120000
		2	6.58	6.51	6.65	1108040000
		3	6.78	6.71	6.85	1042690000
		4	7.07	7.00	7.14	383219000
		5	7.33	7.26	7.40	2841810000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ069998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 12:42
 Operator : YP\AJ
 Sample : AR1660ICC100
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16601037

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:48:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:47:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.405	2.784	55453403	43921344	5.253	5.438
2) SA Decachlor...	8.503	7.551	46231226	64133014	10.103	10.744
Target Compounds						
3) L1 AR-1016-1	4.486	3.788	28776922	23419497	106.797	105.824
4) L1 AR-1016-2	4.504	3.803	50438897	45424735	109.980	111.155
5) L1 AR-1016-3	4.563	3.964	32743373	22760848	107.435	110.170
6) L1 AR-1016-4	4.652	4.012	25430672	21649374	104.713	113.456
7) L1 AR-1016-5	4.937	4.207	25160887	24772164	105.317	112.371
31) L7 AR-1260-1	6.026	5.201	43114423	43840116	107.490	108.559
32) L7 AR-1260-2	6.282	5.390	45603342	50455448	105.274	107.635
33) L7 AR-1260-3	6.633	5.532	36324163	48214712	102.458	109.081
34) L7 AR-1260-4	6.847	5.993	39762745	43517905	103.898	111.497
35) L7 AR-1260-5	7.152	6.237	67791161	85143658	101.278	103.195

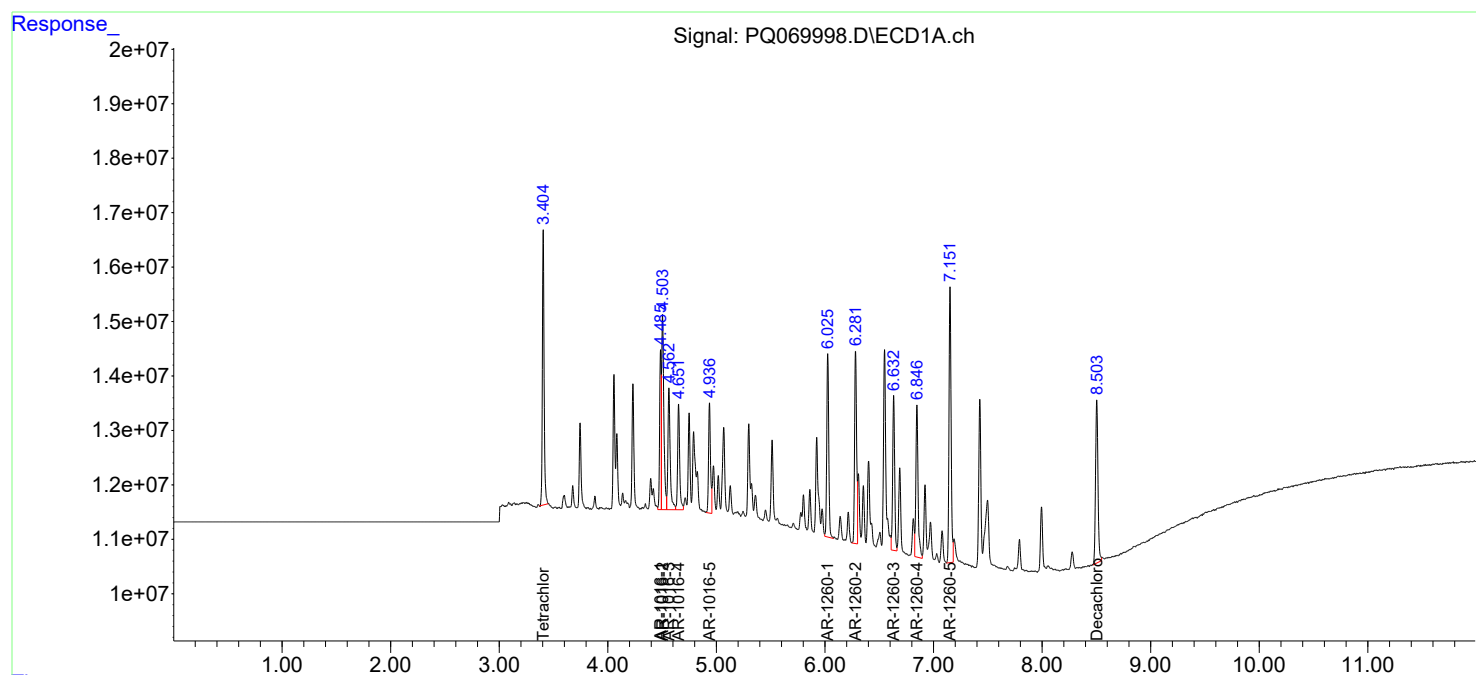
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 12:42
Operator : YP\AJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16601037

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:48:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:47:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ069999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 12:56
 Operator : YP\AJ
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16602038

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:48:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:47:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	112.4E6	87264026	10.649	10.805
2) SA Decachlor...	8.504	7.550	95578308	127.7E6	20.887	21.393
Target Compounds						
3) L1 AR-1016-1	4.486	3.787	58028263	46530141	215.354	210.252
4) L1 AR-1016-2	4.504	3.803	98788127	89715276	215.404	219.534
5) L1 AR-1016-3	4.562	3.963	66212375	44707947	217.251	216.401
6) L1 AR-1016-4	4.651	4.012	51905509	42286325	213.726	221.607
7) L1 AR-1016-5	4.935	4.207	51415103	48875086	215.210	221.705
31) L7 AR-1260-1	6.025	5.200	86100609	86667847	214.661	214.610
32) L7 AR-1260-2	6.281	5.390	92381279	99451780	213.260	212.158
33) L7 AR-1260-3	6.632	5.532	75049659	94428270	211.689	213.635
34) L7 AR-1260-4	6.846	5.993	81350007	84431791	212.564	216.323
35) L7 AR-1260-5	7.151	6.236	139.2E6	172.4E6	207.898	208.953

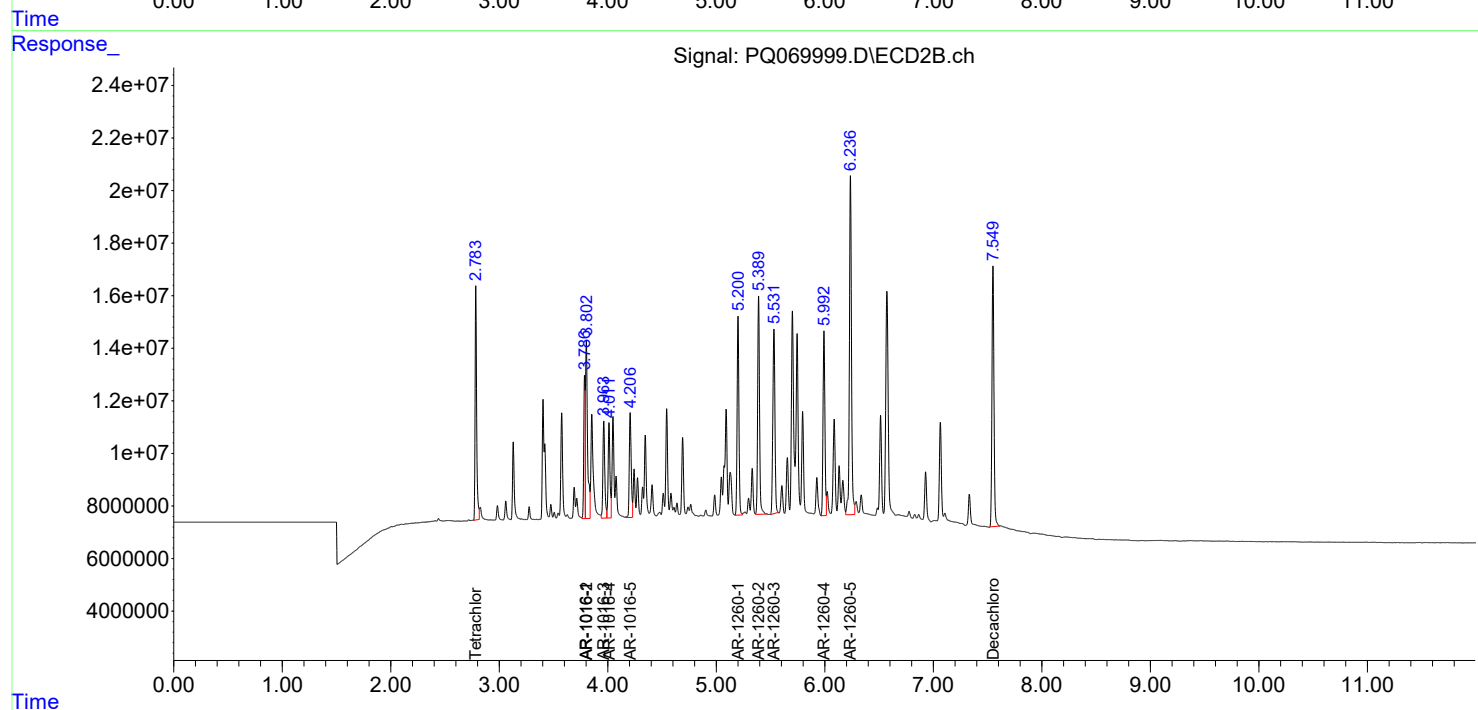
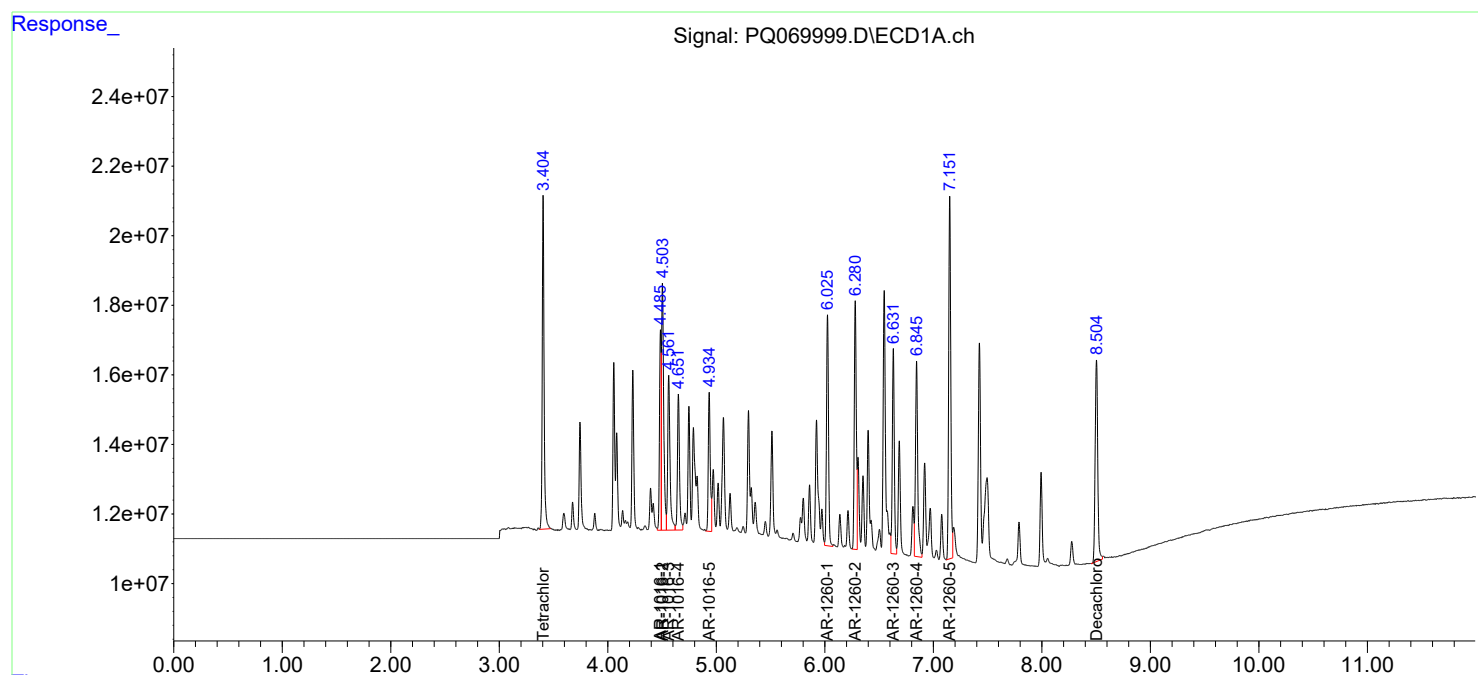
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 12:56
Operator : YP\AJ
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16602038

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:48:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:47:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:11
 Operator : YP\AJ
 Sample : AR1660ICC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603039

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:48:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:47:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	211.1E6	161.5E6	20.000	20.000
2) SA Decachlor...	8.504	7.550	183.0E6	238.8E6	40.000	40.000
Target Compounds						
3) L1 AR-1016-1	4.485	3.787	107.8E6	88522464	400.000	400.000
4) L1 AR-1016-2	4.503	3.802	183.4E6	163.5E6	400.000	400.000
5) L1 AR-1016-3	4.562	3.963	121.9E6	82638914	400.000	400.000
6) L1 AR-1016-4	4.651	4.011	97143904	76326783	400.000	400.000
7) L1 AR-1016-5	4.935	4.206	95562527	88180303	400.000	400.000
31) L7 AR-1260-1	6.026	5.200	160.4E6	161.5E6	400.000	400.000
32) L7 AR-1260-2	6.282	5.390	173.3E6	187.5E6	400.000	400.000
33) L7 AR-1260-3	6.632	5.531	141.8E6	176.8E6	400.000	400.000
34) L7 AR-1260-4	6.846	5.993	153.1E6	156.1E6	400.000	400.000
35) L7 AR-1260-5	7.152	6.237	267.7E6	330.0E6	400.000	400.000

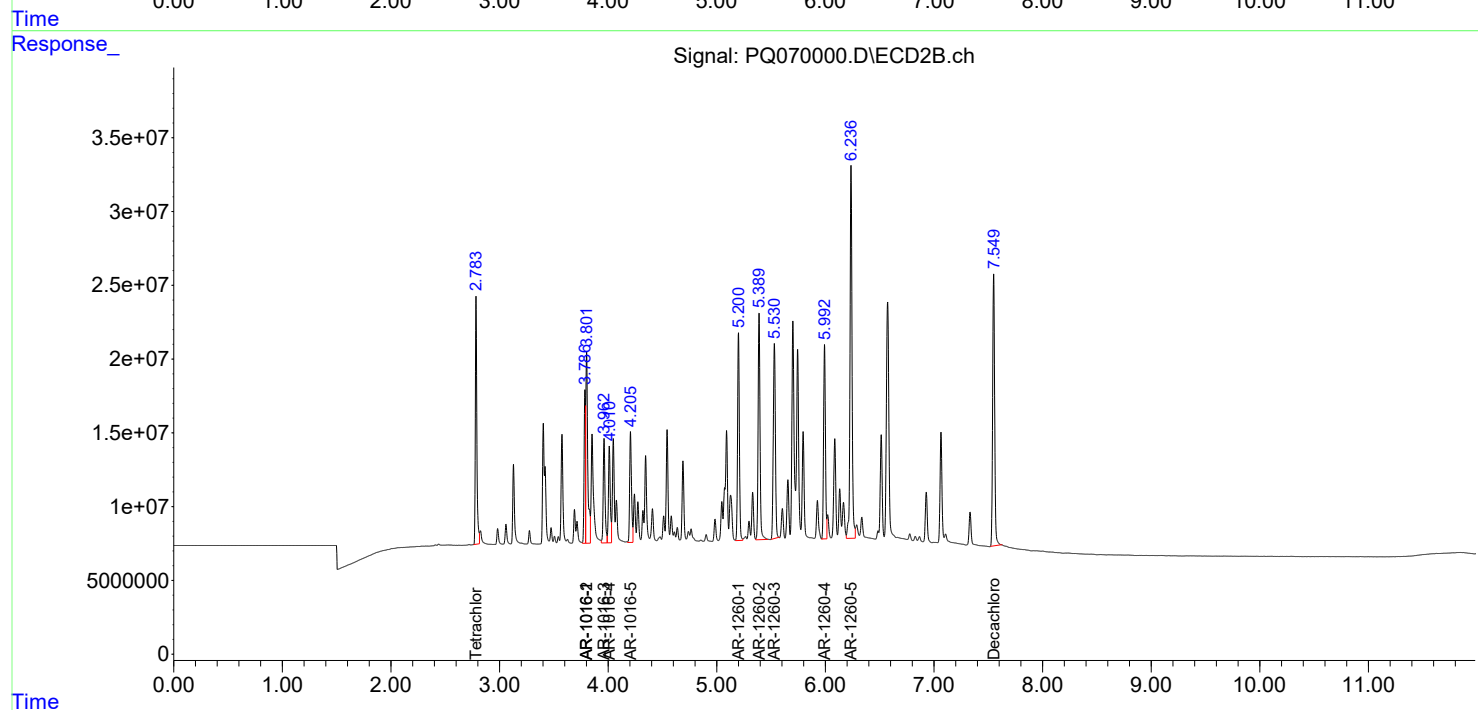
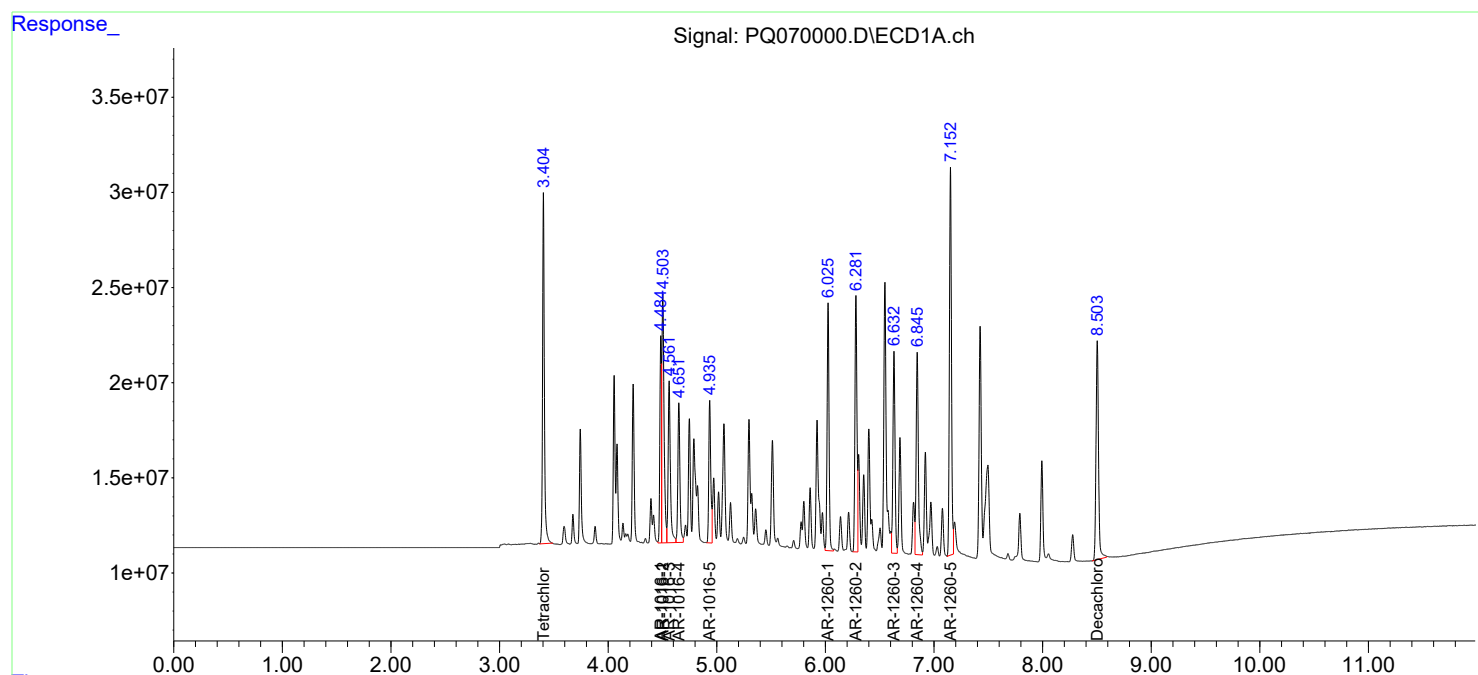
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:11
Operator : YP\AJ
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603039

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:47:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:26
 Operator : YP\AJ
 Sample : AR1660ICC800
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16604040

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:48:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:47:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	402.0E6	306.7E6	38.078	37.973
2) SA Decachlor...	8.502	7.550	346.7E6	454.8E6	75.764	76.188
Target Compounds						
3) L1 AR-1016-1	4.485	3.787	202.9E6	167.8E6	753.131	758.326
4) L1 AR-1016-2	4.504	3.802	343.6E6	301.4E6	749.185	737.631
5) L1 AR-1016-3	4.562	3.963	225.1E6	153.0E6	738.419	740.683
6) L1 AR-1016-4	4.651	4.011	181.2E6	138.3E6	746.282	724.735
7) L1 AR-1016-5	4.935	4.206	175.2E6	163.1E6	733.317	739.753
31) L7 AR-1260-1	6.025	5.201	304.1E6	298.3E6	758.058	738.598
32) L7 AR-1260-2	6.281	5.390	333.3E6	349.4E6	769.365	745.363
33) L7 AR-1260-3	6.632	5.532	268.8E6	332.3E6	758.231	751.766
34) L7 AR-1260-4	6.846	5.993	289.3E6	288.1E6	755.903	738.187
35) L7 AR-1260-5	7.151	6.237	521.7E6	620.9E6	779.478	752.594

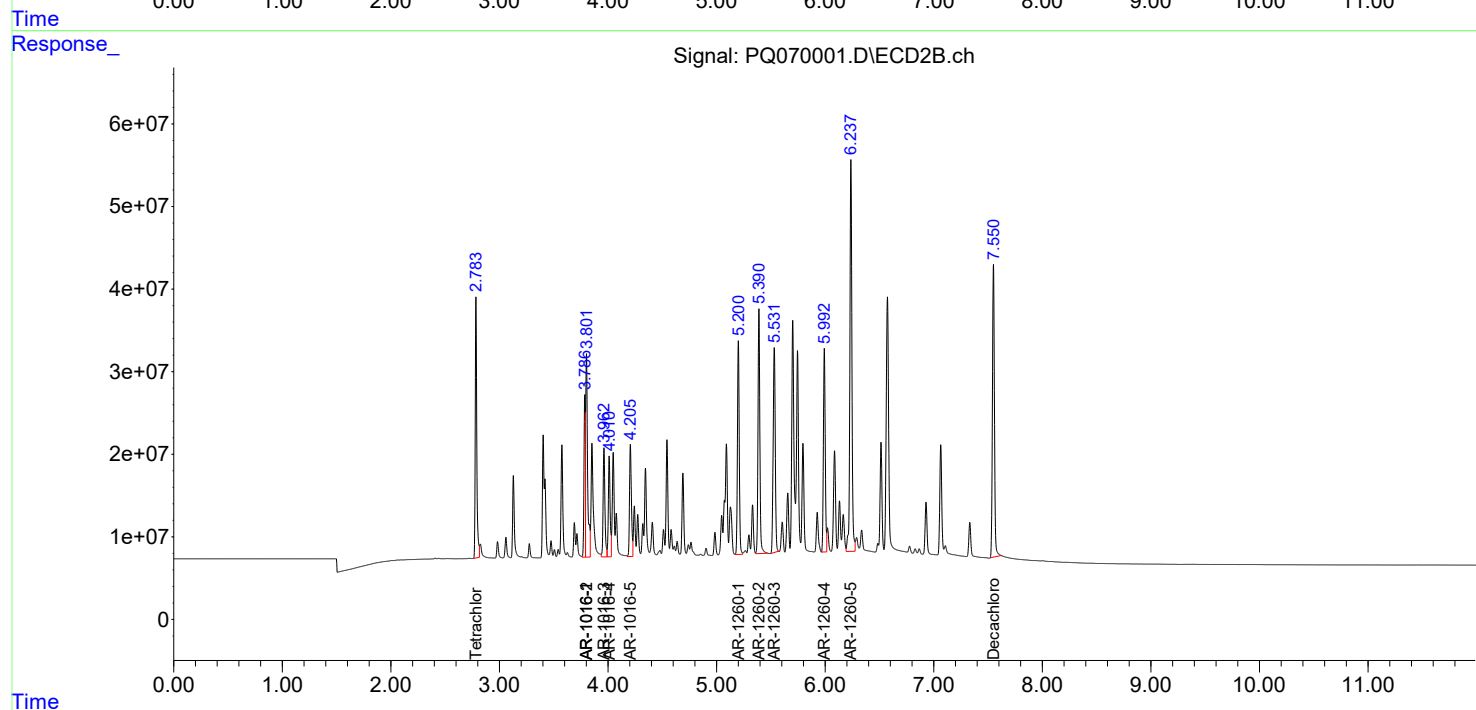
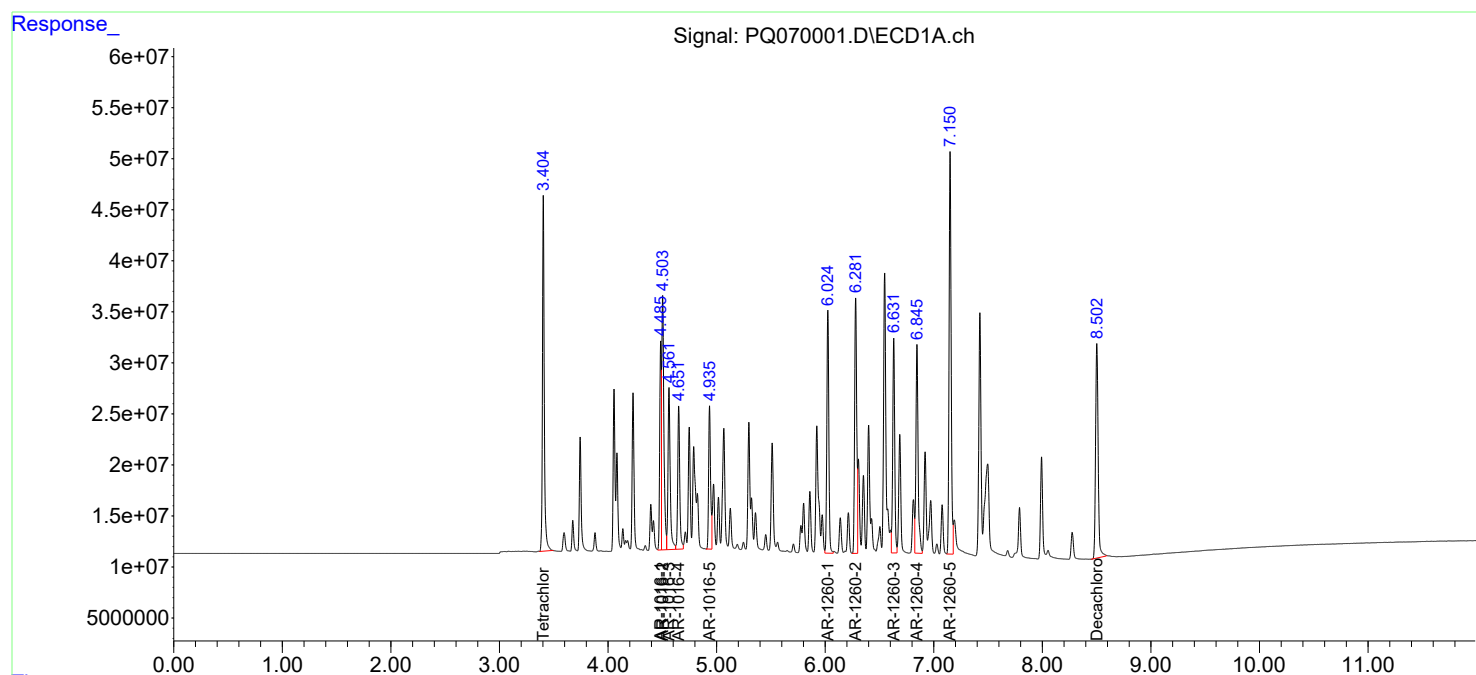
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:26
Operator : YP\AJ
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16604040

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:48:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:47:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:40
 Operator : YP\AJ
 Sample : AR1660ICC1600
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16605041

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:49:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:47:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.405	2.784	741.8E6	578.9E6	70.267	71.680
2) SA Decachlor...	8.503	7.550	644.2E6	849.1E6	140.791	142.245
Target Compounds						
3) L1 AR-1016-1	4.486	3.787	359.9E6	300.9E6	1335.557	1359.561
4) L1 AR-1016-2	4.504	3.803	625.6E6	563.1E6	1364.128	1377.815
5) L1 AR-1016-3	4.563	3.963	407.2E6	280.8E6	1335.986	1359.070
6) L1 AR-1016-4	4.652	4.012	325.8E6	251.7E6	1341.561	1318.871
7) L1 AR-1016-5	4.936	4.207	316.5E6	300.7E6	1324.802	1363.899
31) L7 AR-1260-1	6.025	5.201	554.9E6	550.8E6	1383.479	1363.795
32) L7 AR-1260-2	6.282	5.391	604.4E6	644.0E6	1395.269	1373.922
33) L7 AR-1260-3	6.632	5.532	494.4E6	620.7E6	1394.585	1404.247
34) L7 AR-1260-4	6.846	5.993	534.2E6	549.4E6	1395.925	1407.741
35) L7 AR-1260-5	7.151	6.237	984.1E6	1210.7E6	1470.187	1467.332

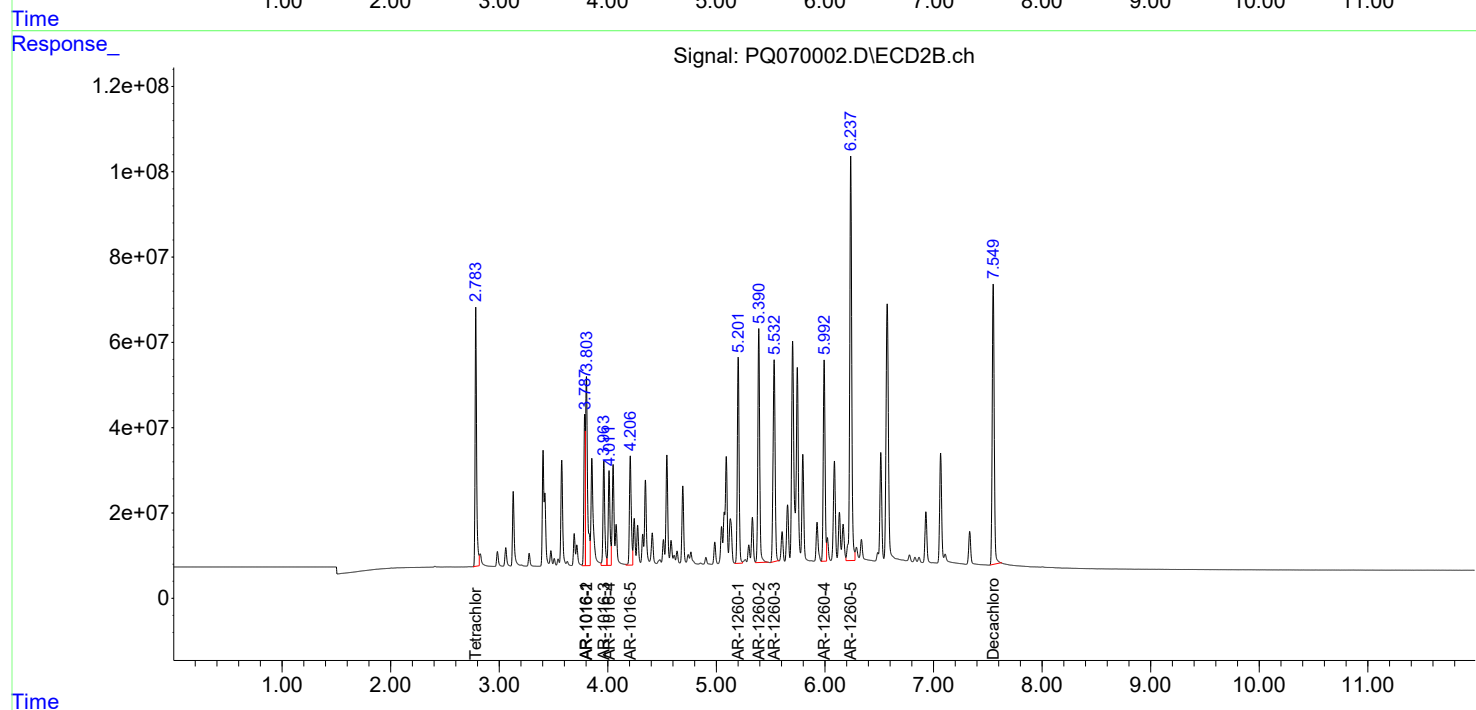
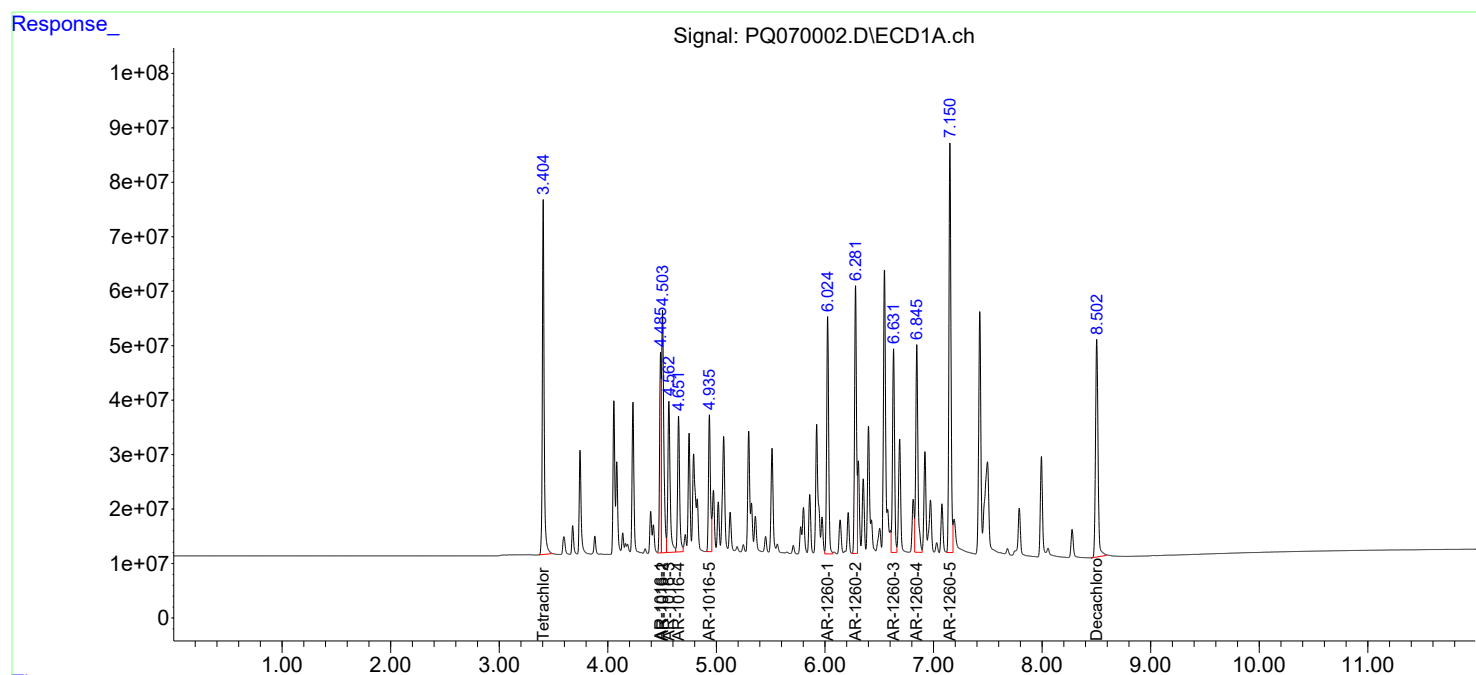
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:40
Operator : YP\AJ
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16605041

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:49:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:47:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:55
 Operator : YP\AJ
 Sample : AR1221ICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12211042

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 15:56:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:55:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.405	2.784	62114931	46268090	5.000	5.000
2) SA Decachlor...	8.503	7.550	51093214	68860622	10.000	10.000
Target Compounds						
8) L2 AR-1221-1	3.599	2.984	13553371	11009768	100.000	100.000
9) L2 AR-1221-2	3.676	3.061	9413497	7617882	100.000	100.000
10) L2 AR-1221-3	3.745	3.129	30946658	26043977	100.000	100.000

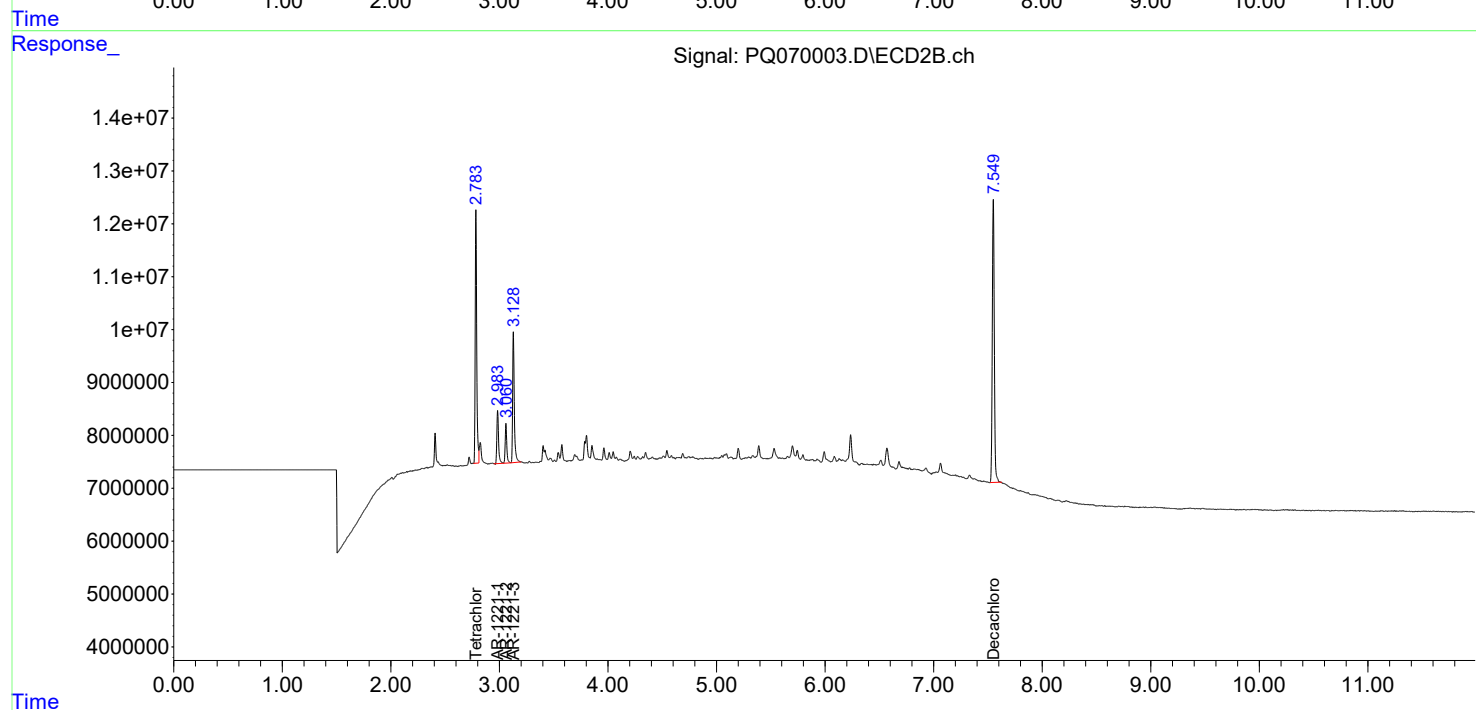
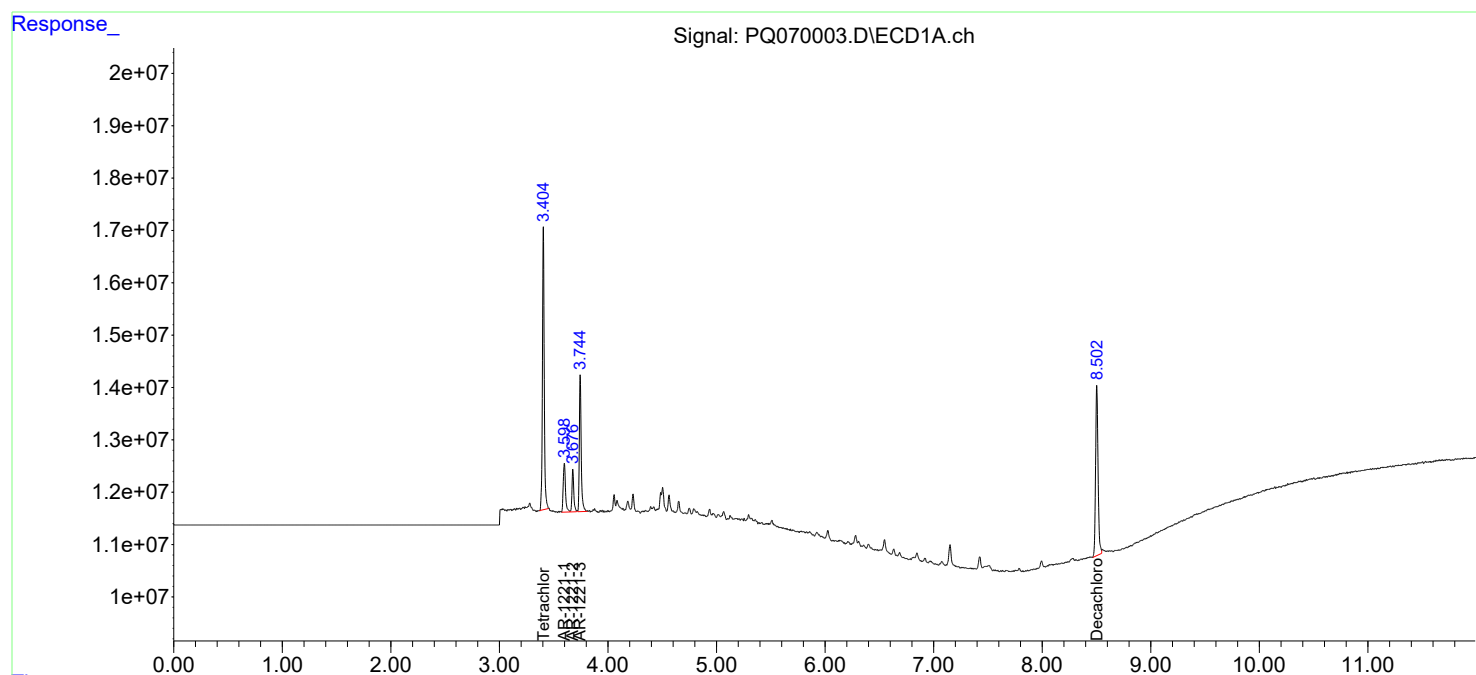
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:55
Operator : YP\AJ
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12211042

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 15:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:55:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 14:09
 Operator : YP\AJ
 Sample : AR1232ICC100
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12321043

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:00:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 15:59:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	61656679	44337730	5.000	5.000
2) SA Decachlor...	8.503	7.550	49398786	66744291	10.000	10.000
Target Compounds						
11) L3 AR-1232-1	3.744	3.129	23635313	19998409	100.000	100.000
12) L3 AR-1232-2	4.231	3.803	14190128	21580376	100.000	100.000
13) L3 AR-1232-3	4.504	3.963	25843833	10361656	100.000	100.000
14) L3 AR-1232-4	4.651	4.048	12899494	9215837	100.000	100.000
15) L3 AR-1232-5	4.748	4.206	8706454	10961042	100.000	100.000

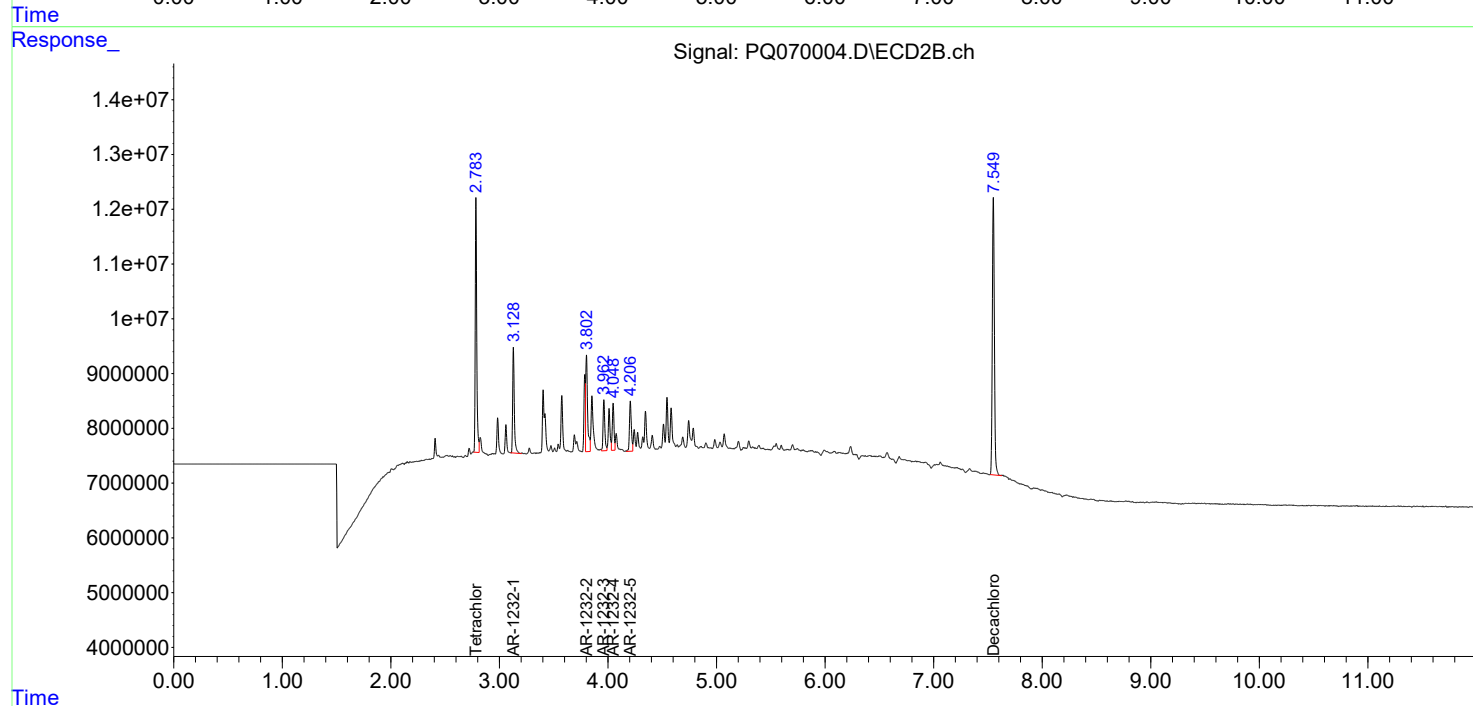
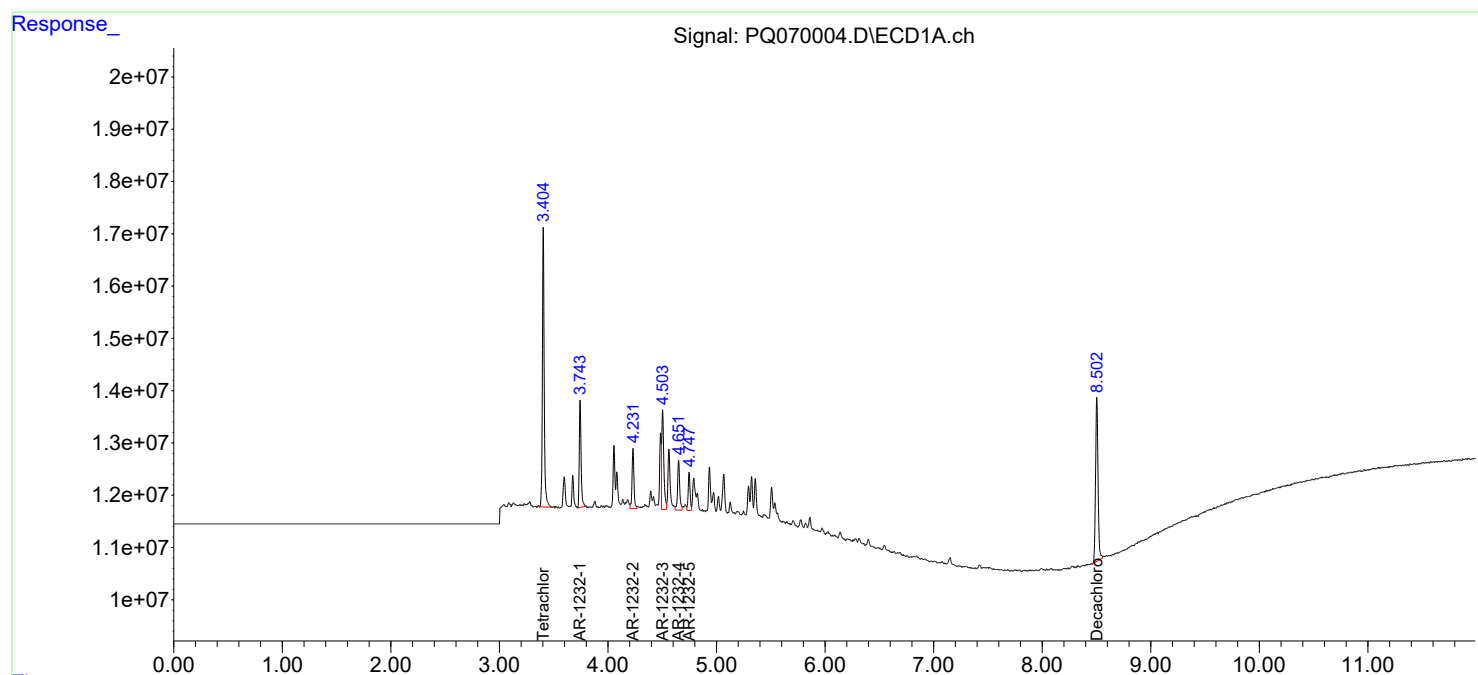
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 14:09
Operator : YP\AJ
Sample : AR1232ICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12321043

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:00:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 15:59:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 14:24
 Operator : YP\AJ
 Sample : AR1242ICC100
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12421044

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	60632180	45360532	5.000	5.000
2) SA Decachlor...	8.503	7.550	49425934	66286500	10.000	10.000
Target Compounds						
16) L4 AR-1242-1	4.485	3.787	25847824	21618302	100.000	100.000
17) L4 AR-1242-2	4.503	3.803	44127859	38168022	100.000	100.000
18) L4 AR-1242-3	4.562	3.963	27548476	18837048	100.000	100.000
19) L4 AR-1242-4	4.650	4.048	22410239	18660516	100.000	100.000
20) L4 AR-1242-5	5.358	4.544	19282325	22445708	100.000	100.000

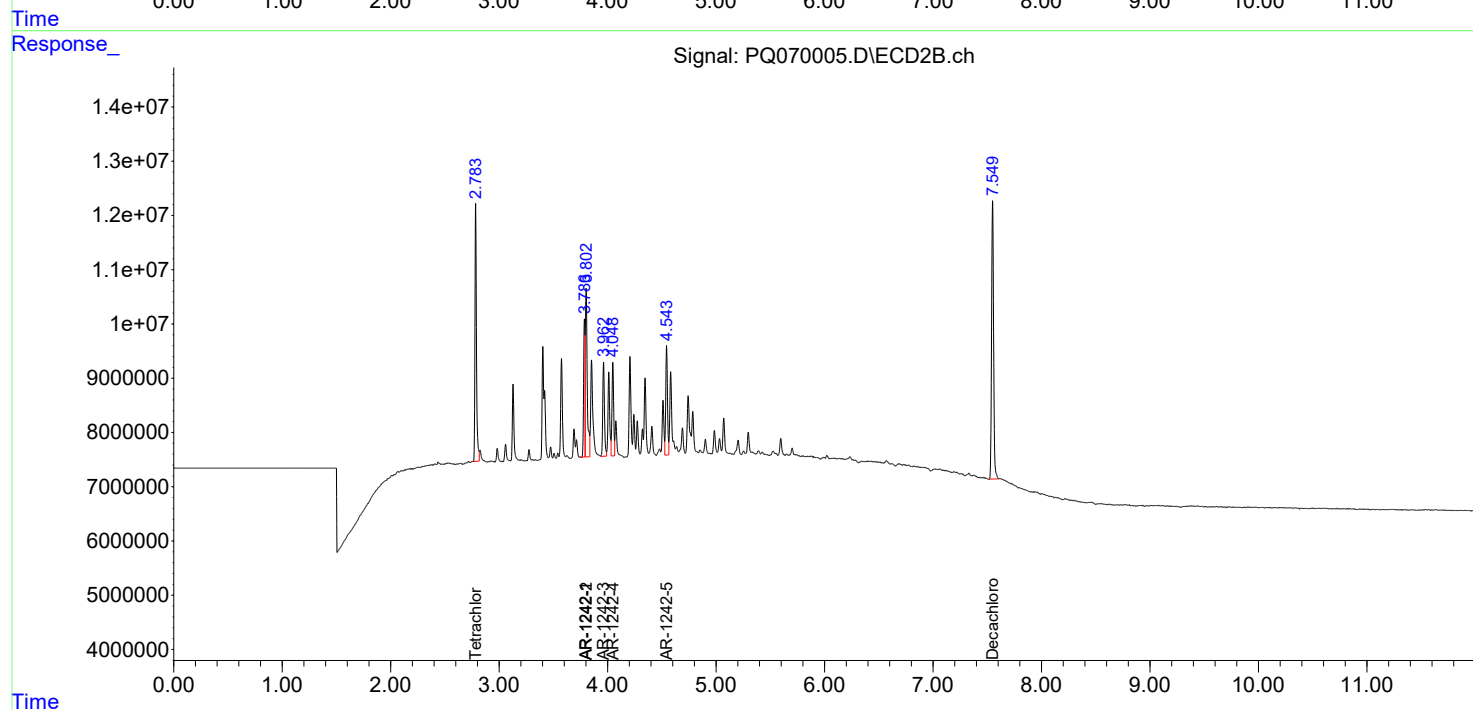
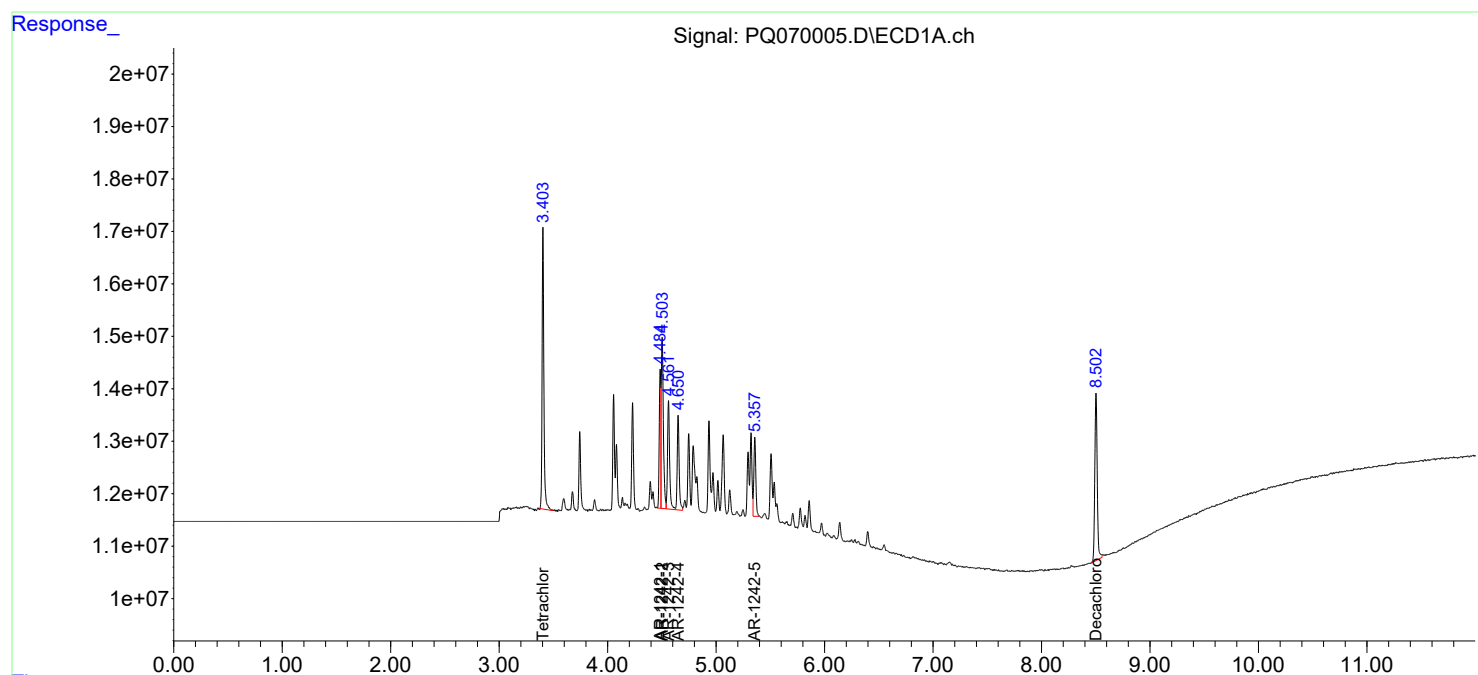
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 14:24
Operator : YP\AJ
Sample : AR1242ICC100
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12421044

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 14:38
 Operator : YP\AJ
 Sample : AR1248ICC100
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12481045

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:06:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:06:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.783	59016342	46098595	5.000	5.000
2) SA Decachlor...	8.503	7.551	49756416	68856488	10.000	10.000
Target Compounds						
21) L5 AR-1248-1	4.485	3.786	19218689	17539328	100.000	100.000
22) L5 AR-1248-2	4.748	4.011	30720750	29328609	100.000	100.000
23) L5 AR-1248-3	4.935	4.048	36336909	27926010	100.000	100.000
24) L5 AR-1248-4	5.323	4.206	34911758	33469046	100.000	100.000
25) L5 AR-1248-5	5.358	4.582	33399442	29283631	100.000	100.000

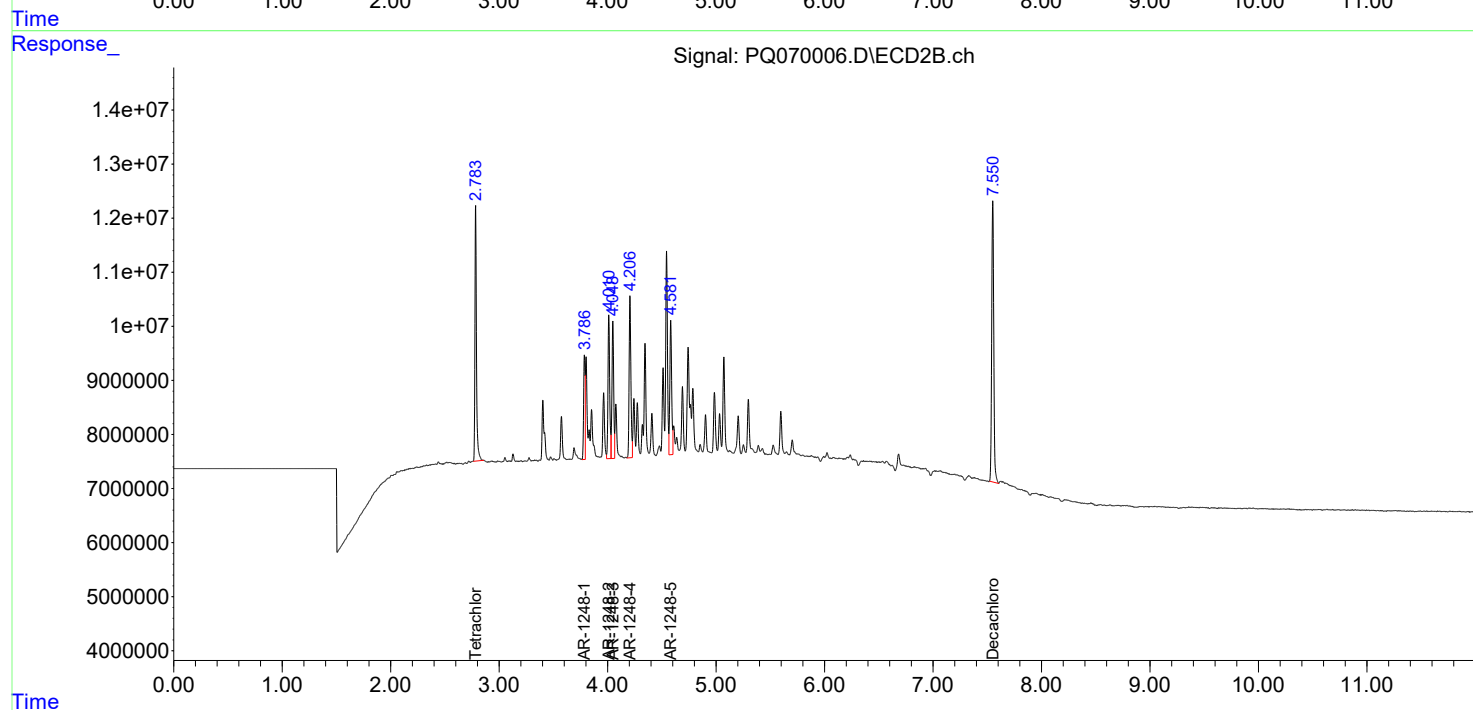
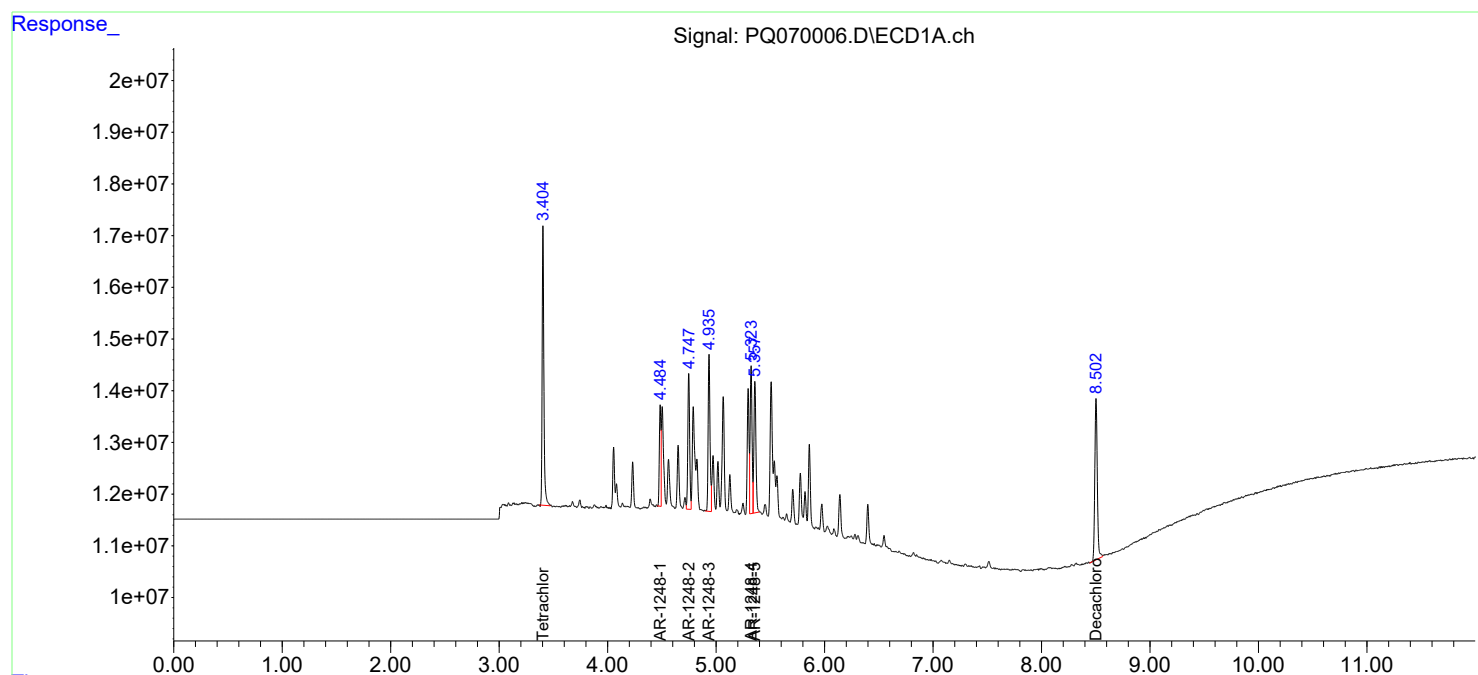
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 14:38
Operator : YP\AJ
Sample : AR1248ICC100
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12481045

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:06:18 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 14:53
 Operator : YP\AJ
 Sample : AR1254ICC100
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12541046

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:10:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:10:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	57291448	45497508	5.000	5.000
2) SA Decachlor...	8.503	7.550	49495177	67019697	10.000	10.000
Target Compounds						
26) L6 AR-1254-1	5.298	4.543	40711666	48232819	100.000	100.000
27) L6 AR-1254-2	5.512	4.690	61027789	42875045	100.000	100.000
28) L6 AR-1254-3	5.860	5.072	61673861	65174426	100.000	100.000
29) L6 AR-1254-4	6.140	5.298	36532622	33590128	100.000	100.000
30) L6 AR-1254-5	6.549	5.702	43767160	54759068	100.000	100.000

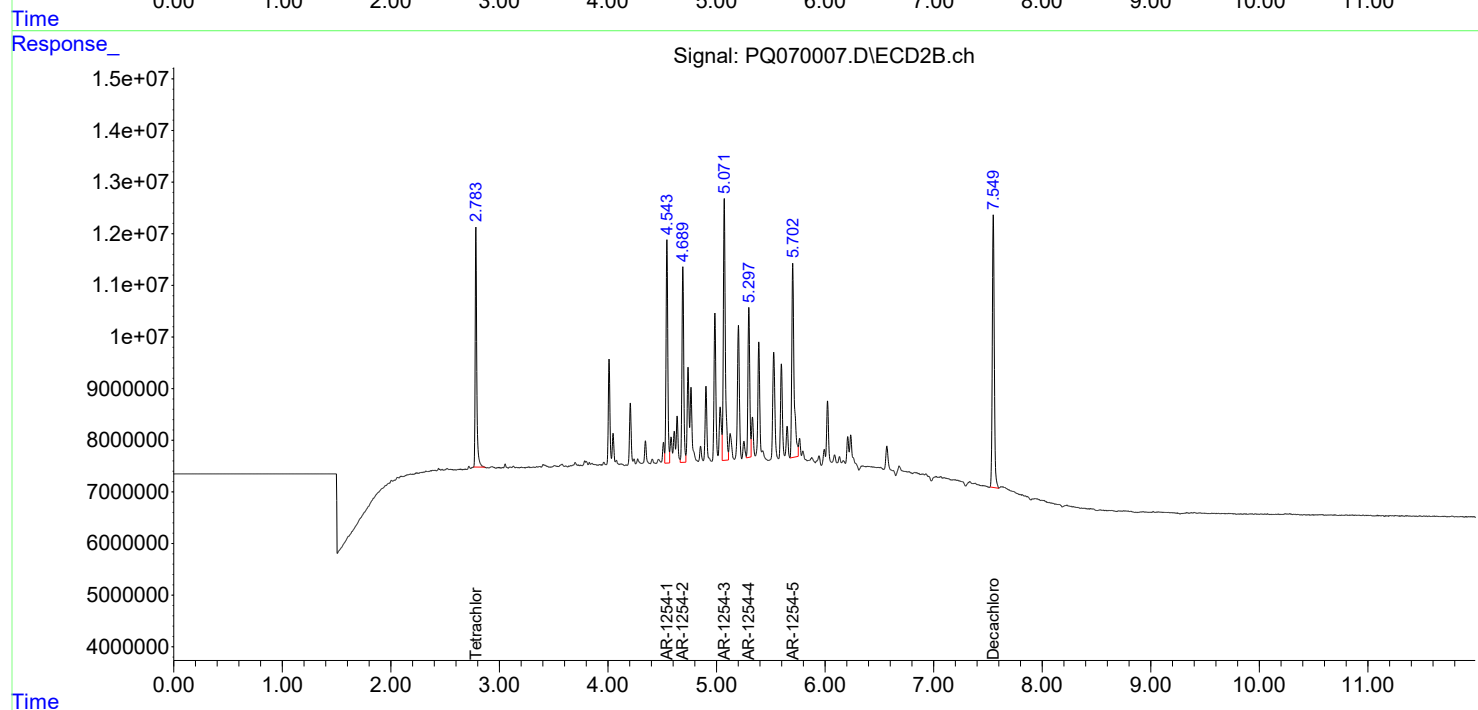
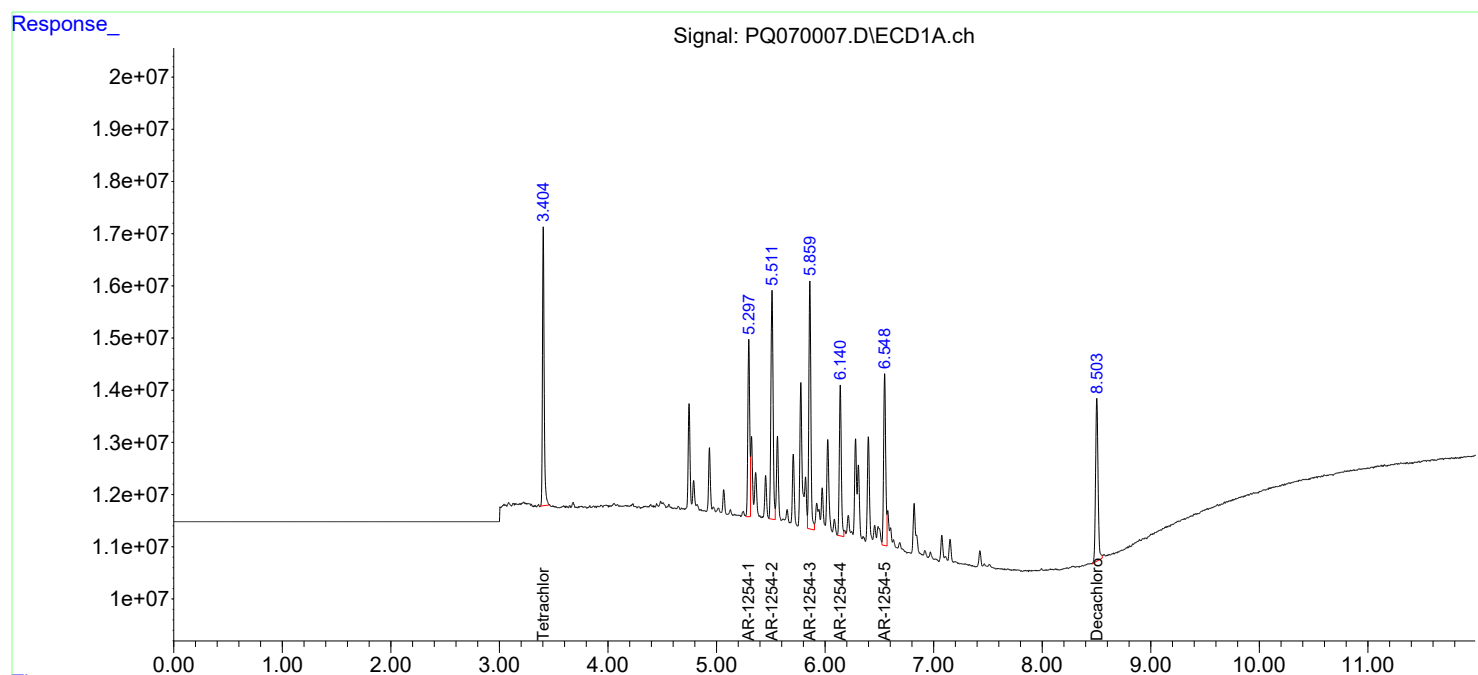
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC100
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12541046

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:10:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:10:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:08
 Operator : YP\AJ
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12621047

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:17:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:16:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	61059066	43563976	5.000	5.000
2) SA Decachlor...	8.503	7.550	51096205	67608392	10.000	10.000
Target Compounds						
36) L8 AR-1262-1	6.846	5.746	56417049	64106675	100.000	100.000
37) L8 AR-1262-2	7.152	5.993	88555859	61503774	100.000	100.000
38) L8 AR-1262-3	7.424	6.515	56585843	43862636	100.000	100.000
39) L8 AR-1262-4	7.499	6.575	55120377	75543829	100.000	100.000
40) L8 AR-1262-5	7.993	7.064	26413306	35100018	100.000	100.000

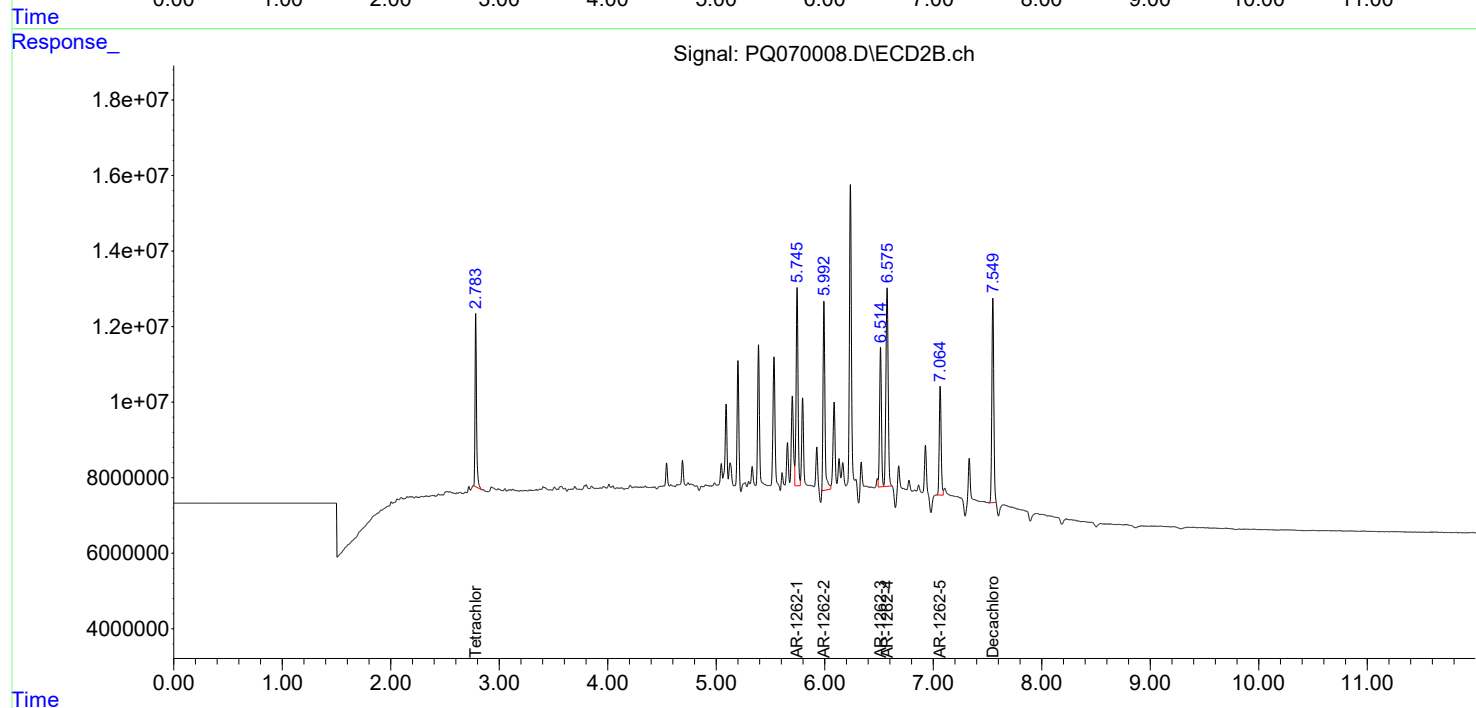
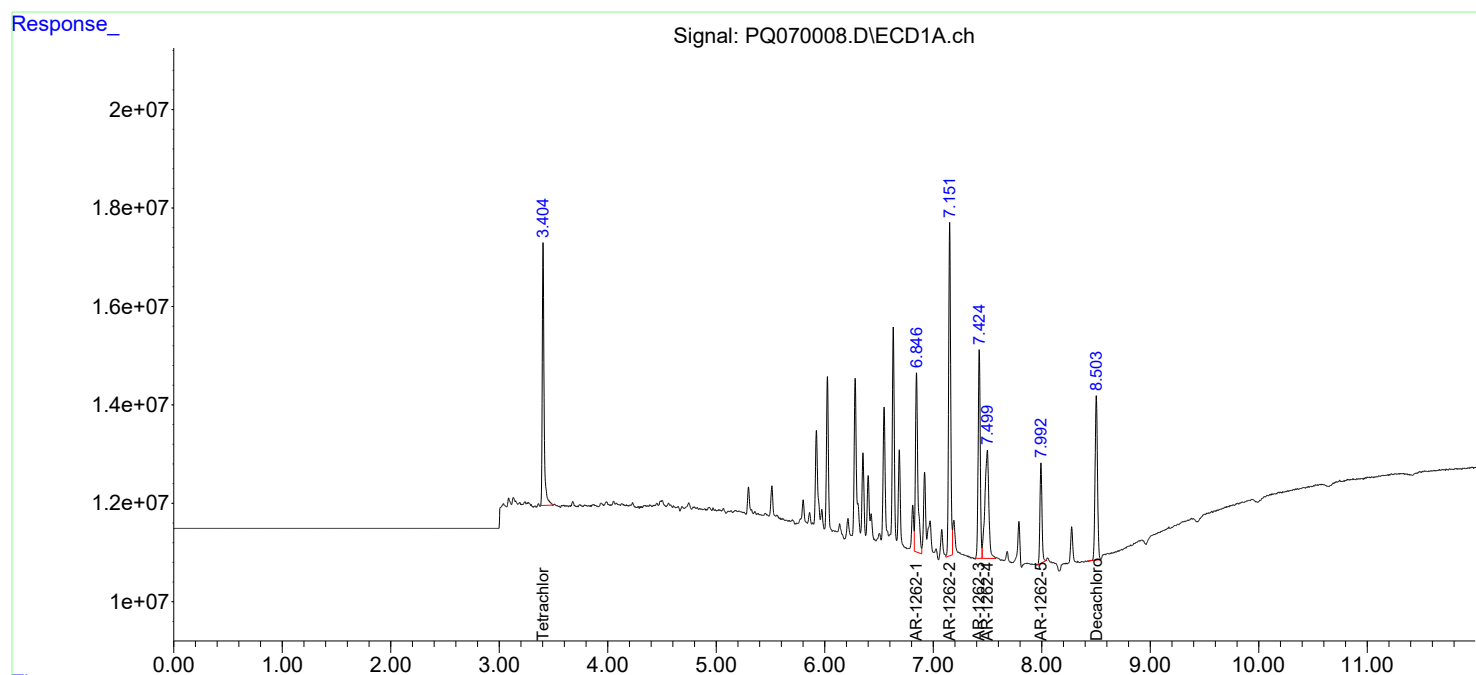
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:08
Operator : YP\AJ
Sample : AR1262ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12621047

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:17:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:16:46 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:22
 Operator : YP\AJ
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12681048

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:20:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:20:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	59222274	45901628	5.000	5.000
2) SA Decachlor...	8.503	7.551	95914916	127.0E6	10.000	10.000
Target Compounds						
41) L9 AR-1268-1	7.423	6.515	106.4E6	121.2E6	100.000	100.000
42) L9 AR-1268-2	7.500	6.577	101.5E6	110.8E6	100.000	100.000
43) L9 AR-1268-3	7.682	6.778	84048637	104.3E6	100.000	100.000
44) L9 AR-1268-4	7.993	7.065	30773255	38321873	100.000	100.000
45) L9 AR-1268-5	8.276	7.333	221.5E6	284.2E6	100.000	100.000

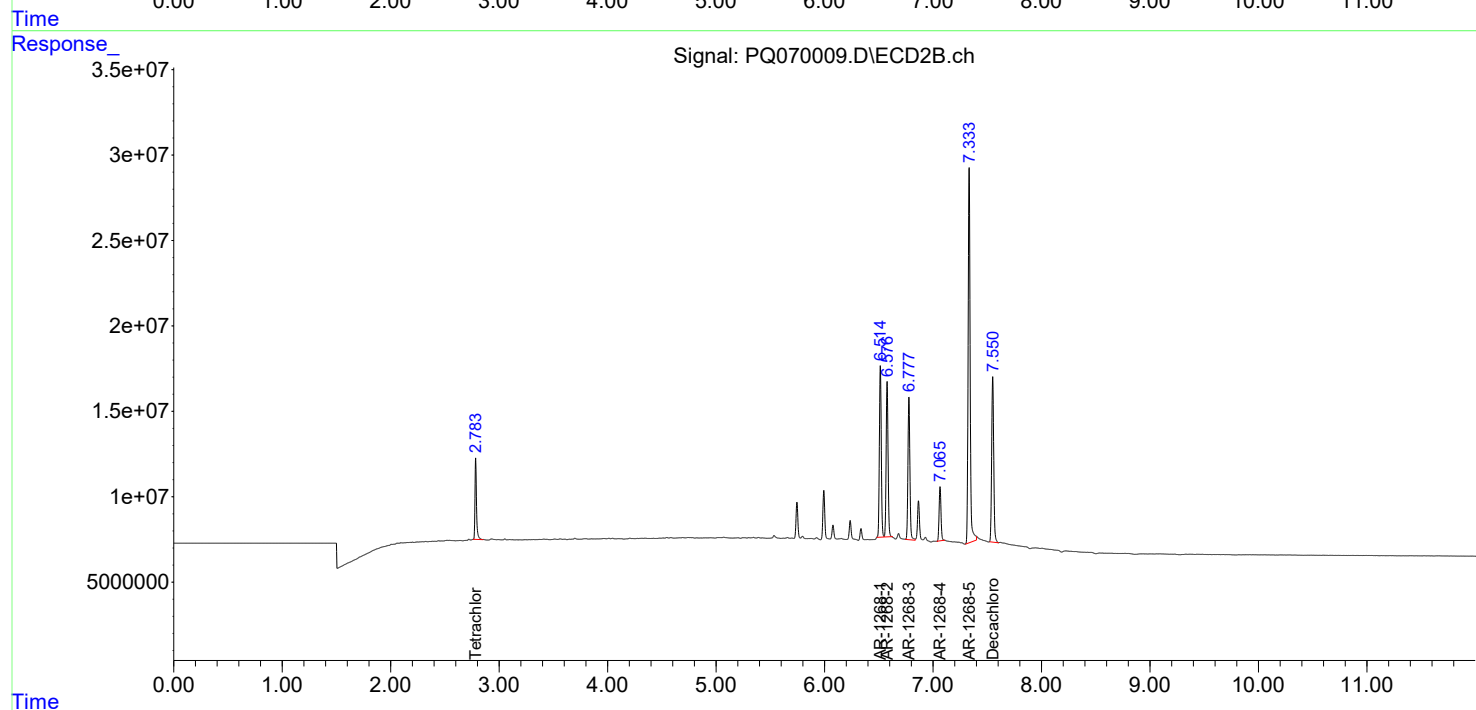
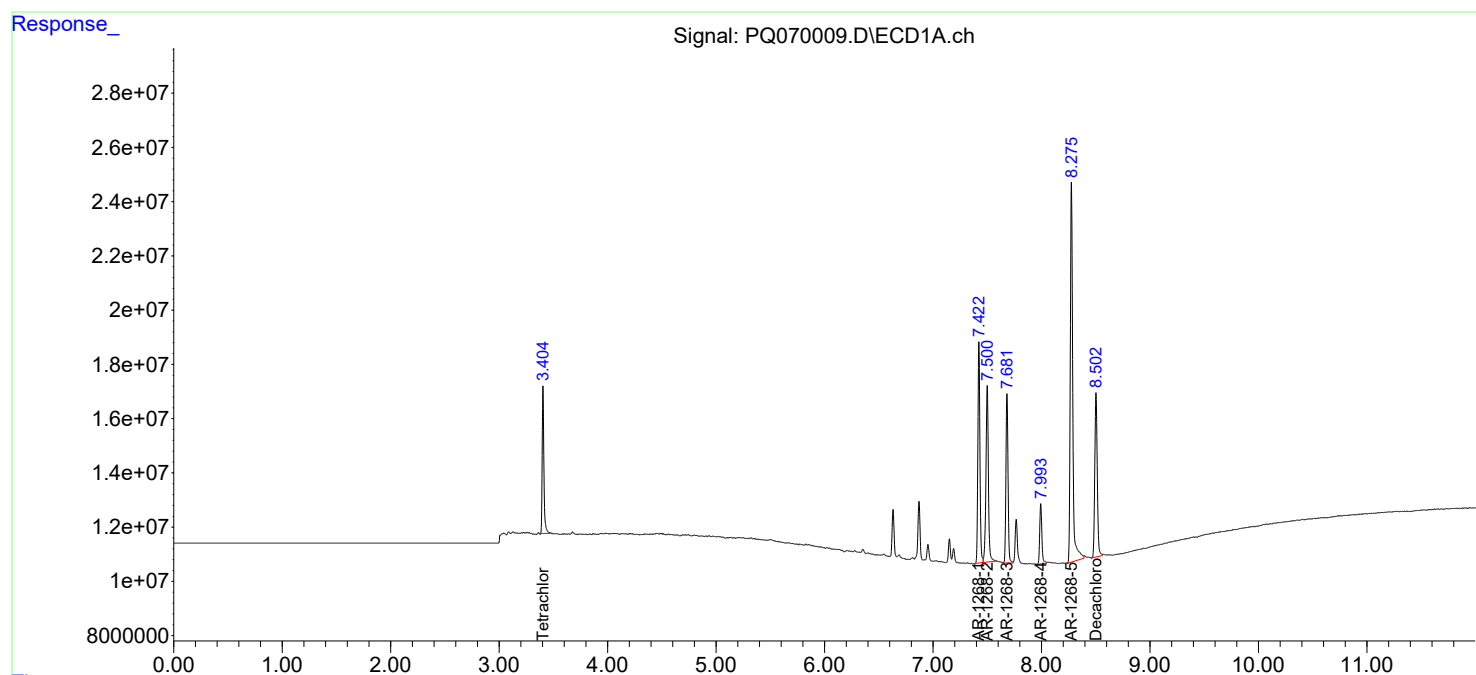
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:22
Operator : YP\AJ
Sample : AR1268ICC100
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12681048

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:20:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:20:34 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/26/2025 02/26/2025

Continuing Calib Time: 15:51 Initial Calibration Time(s): 12:42 15:22

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.49	4.49	4.42	4.56	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.43	4.57	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.49	4.63	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.58	4.72	0.00
Aroclor-1016-5	(5)	4.94	4.94	4.87	5.01	0.01
Aroclor-1260-1	(1)	6.03	6.03	5.96	6.10	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.21	6.35	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.56	6.70	0.00
Aroclor-1260-4	(4)	6.85	6.85	6.78	6.92	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.08	7.22	0.00
TCX		3.41	3.40	3.35	3.45	0.00
DCB		8.50	8.50	8.40	8.60	0.00



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/26/2025 02/26/2025

Continuing Calib Time: 15:51 Initial Calibration Time(s): 12:42 15:22

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.79	3.79	3.72	3.86	0.00
Aroclor-1016-2	(2)	3.80	3.80	3.73	3.87	0.00
Aroclor-1016-3	(3)	3.96	3.96	3.89	4.03	0.00
Aroclor-1016-4	(4)	4.01	4.01	3.94	4.08	0.00
Aroclor-1016-5	(5)	4.21	4.21	4.14	4.28	0.00
Aroclor-1260-1	(1)	5.20	5.20	5.13	5.27	0.00
Aroclor-1260-2	(2)	5.39	5.39	5.32	5.46	0.00
Aroclor-1260-3	(3)	5.53	5.53	5.46	5.60	0.00
Aroclor-1260-4	(4)	5.99	5.99	5.92	6.06	0.00
Aroclor-1260-5	(5)	6.24	6.24	6.17	6.31	0.00
TCX		2.78	2.78	2.73	2.83	0.00
DCB		7.55	7.55	7.45	7.65	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/26/2025 02/26/2025

Client Sample No.: CCAL01 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070011.D Time Analyzed: 15:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.485	4.385	4.585	265191200.000	272527000.000	2.8
Aroclor-1016-2	4.504	4.403	4.603	455488600.000	440471000.000	-3.3
Aroclor-1016-3	4.561	4.462	4.662	299813200.000	286973000.000	-4.3
Aroclor-1016-4	4.651	4.551	4.751	237375700.000	232464000.000	-2.1
Aroclor-1016-5	4.935	4.835	5.035	232879600.000	228914000.000	-1.7
Aroclor-1260-1	6.025	5.926	6.126	397928000.000	387817000.000	-2.5
Aroclor-1260-2	6.281	6.182	6.382	429095700.000	423510000.000	-1.3
Aroclor-1260-3	6.632	6.532	6.732	347609000.000	342531000.000	-1.5
Aroclor-1260-4	6.846	6.746	6.946	376519100.000	371117000.000	-1.4
Aroclor-1260-5	7.152	7.052	7.252	662059400.000	663860000.000	0.3
DCB	8.504	8.404	8.604	4467595000.000	4409720000.000	-1.3
TCX	3.405	3.304	3.504	10442500000.000	10209900000.000	-2.3



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/26/2025 02/26/2025

Client Sample No.: CCAL01 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070011.D Time Analyzed: 15:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.787	3.687	3.887	217195800.000	219495000.000	1.1
Aroclor-1016-2	3.802	3.702	3.902	408040000.000	343379000.000	-15.8
Aroclor-1016-3	3.963	3.863	4.063	204902400.000	193557000.000	-5.5
Aroclor-1016-4	4.011	3.911	4.111	189779300.000	172713000.000	-9.0
Aroclor-1016-5	4.206	4.106	4.306	220863400.000	205447000.000	-7.0
Aroclor-1260-1	5.201	5.100	5.300	398528300.000	374300000.000	-6.1
Aroclor-1260-2	5.390	5.290	5.490	461970500.000	441007000.000	-4.5
Aroclor-1260-3	5.532	5.431	5.631	439916700.000	417353000.000	-5.1
Aroclor-1260-4	5.993	5.893	6.093	390238500.000	365461000.000	-6.4
Aroclor-1260-5	6.237	6.137	6.337	814273700.000	793284000.000	-2.6
DCB	7.550	7.450	7.650	5951967000.000	5599390000.000	-5.9
TCX	2.784	2.684	2.884	8098077000.000	7527800000.000	-7.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:51
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603136

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:34:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.405	2.784	204.2E6	150.6E6	19.554	18.592
2) SA Decachlor...	8.504	7.550	176.4E6	224.0E6	39.482	37.631
Target Compounds						
3) L1 AR-1016-1	4.485	3.787	109.0E6	87798140	411.065	404.235
4) L1 AR-1016-2	4.504	3.802	176.2E6	137.4E6	386.812	336.613
5) L1 AR-1016-3	4.561	3.963	114.8E6	77422916	382.870	377.853
6) L1 AR-1016-4	4.651	4.011	92985748	69085272	391.724	364.030
7) L1 AR-1016-5	4.935	4.206	91565751	82178837	393.189	372.080
31) L7 AR-1260-1	6.025	5.201	155.1E6	149.7E6	389.837	375.682
32) L7 AR-1260-2	6.281	5.390	169.4E6	176.4E6	394.793	381.848
33) L7 AR-1260-3	6.632	5.532	137.0E6	166.9E6	394.156	379.483
34) L7 AR-1260-4	6.846	5.993	148.4E6	146.2E6	394.261	374.602
35) L7 AR-1260-5	7.152	6.237	265.5E6	317.3E6	401.088	389.689

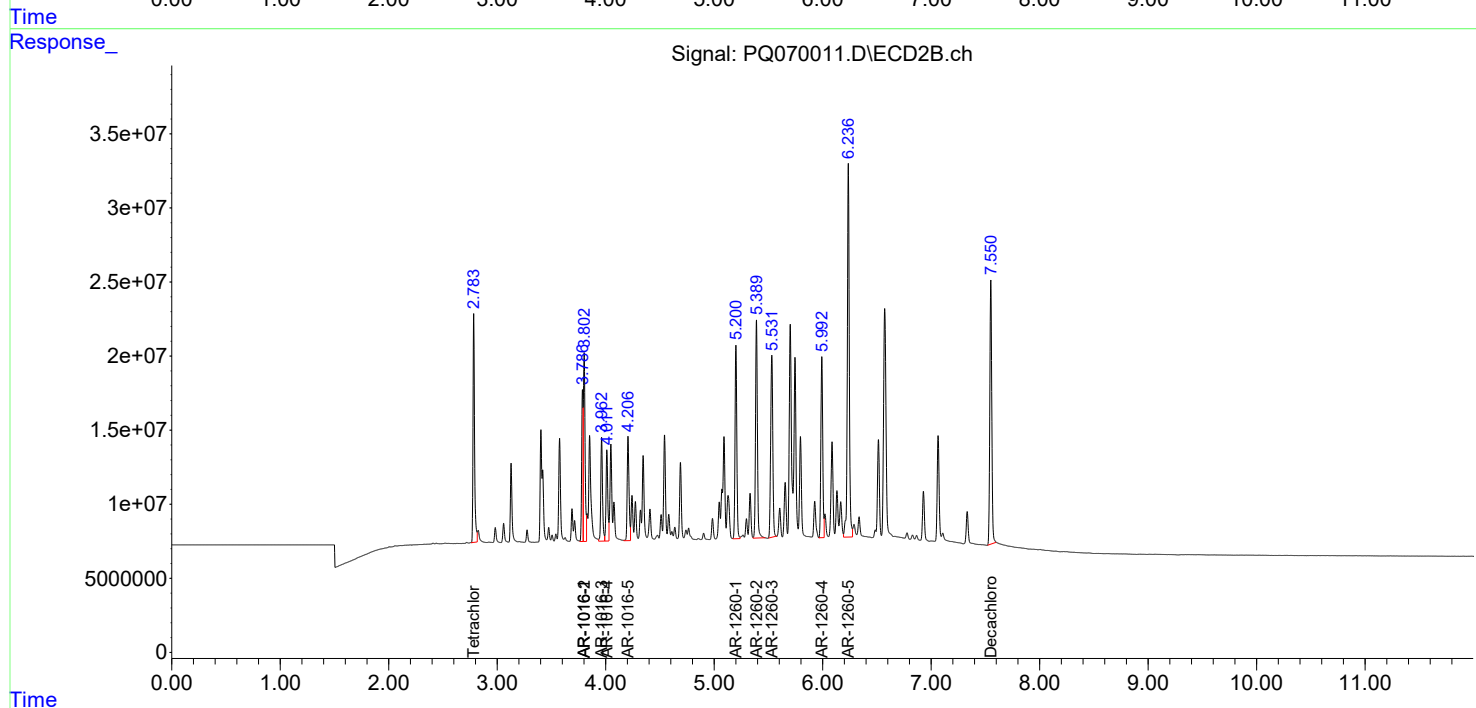
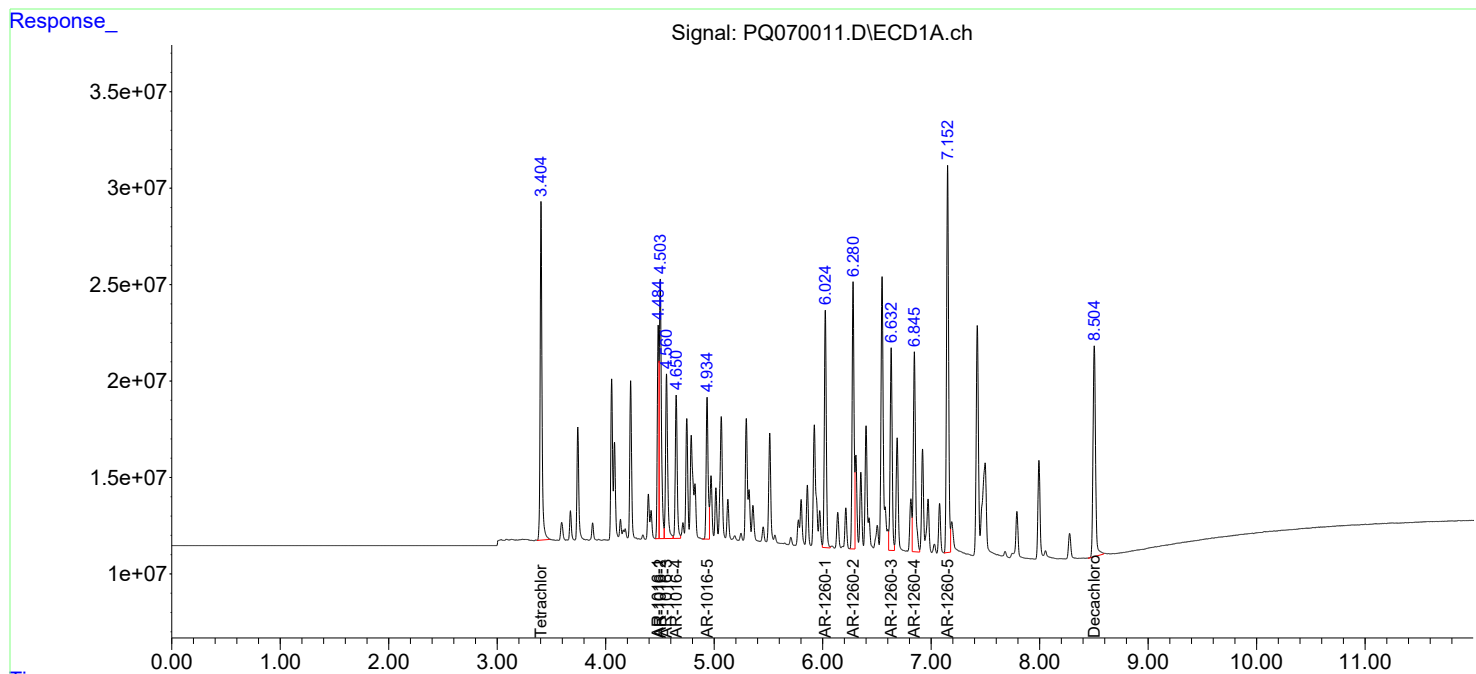
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:51
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603136

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:34:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/26/2025 02/26/2025

Continuing Calib Time: 16:50 Initial Calibration Time(s): 12:42 15:22

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.49	4.49	4.42	4.56	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.43	4.57	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.49	4.63	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.58	4.72	0.00
Aroclor-1016-5	(5)	4.94	4.94	4.87	5.01	0.01
Aroclor-1260-1	(1)	6.02	6.03	5.96	6.10	0.01
Aroclor-1260-2	(2)	6.28	6.28	6.21	6.35	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.56	6.70	0.00
Aroclor-1260-4	(4)	6.85	6.85	6.78	6.92	0.01
Aroclor-1260-5	(5)	7.15	7.15	7.08	7.22	0.00
TCX		3.40	3.40	3.35	3.45	0.00
DCB		8.50	8.50	8.40	8.60	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/26/2025 02/26/2025

Continuing Calib Time: 16:50 Initial Calibration Time(s): 12:42 15:22

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	3.79	3.79	3.72	3.86	0.00
Aroclor-1016-2	(2)	3.80	3.80	3.73	3.87	0.00
Aroclor-1016-3	(3)	3.96	3.96	3.89	4.03	0.00
Aroclor-1016-4	(4)	4.01	4.01	3.94	4.08	0.00
Aroclor-1016-5	(5)	4.21	4.21	4.14	4.28	0.00
Aroclor-1260-1	(1)	5.20	5.20	5.13	5.27	0.00
Aroclor-1260-2	(2)	5.39	5.39	5.32	5.46	0.00
Aroclor-1260-3	(3)	5.53	5.53	5.46	5.60	0.00
Aroclor-1260-4	(4)	5.99	5.99	5.92	6.06	0.00
Aroclor-1260-5	(5)	6.24	6.24	6.17	6.31	0.00
TCX		2.78	2.78	2.73	2.83	0.00
DCB		7.55	7.55	7.45	7.65	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/26/2025 02/26/2025

Client Sample No.: CCAL02 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070015.D Time Analyzed: 16:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.485	4.385	4.585	265191200.000	272691000.000	2.8
Aroclor-1016-2	4.503	4.403	4.603	455488600.000	439956000.000	-3.4
Aroclor-1016-3	4.561	4.462	4.662	299813200.000	284814000.000	-5.0
Aroclor-1016-4	4.650	4.551	4.751	237375700.000	232122000.000	-2.2
Aroclor-1016-5	4.935	4.835	5.035	232879600.000	229971000.000	-1.3
Aroclor-1260-1	6.024	5.926	6.126	397928000.000	387539000.000	-2.6
Aroclor-1260-2	6.280	6.182	6.382	429095700.000	432665000.000	0.8
Aroclor-1260-3	6.632	6.532	6.732	347609000.000	340026000.000	-2.2
Aroclor-1260-4	6.845	6.746	6.946	376519100.000	371330000.000	-1.4
Aroclor-1260-5	7.151	7.052	7.252	662059400.000	674763000.000	1.9
DCB	8.504	8.404	8.604	4467595000.000	4461590000.000	-0.1
TCX	3.404	3.304	3.504	10442500000.000	10103000000.000	-3.3



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/26/2025 02/26/2025

Client Sample No.: CCAL02 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070015.D Time Analyzed: 16:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.786	3.687	3.887	217195800.000	219189000.000	0.9
Aroclor-1016-2	3.802	3.702	3.902	408040000.000	341350000.000	-16.3
Aroclor-1016-3	3.962	3.863	4.063	204902400.000	190788000.000	-6.9
Aroclor-1016-4	4.011	3.911	4.111	189779300.000	169318000.000	-10.8
Aroclor-1016-5	4.206	4.106	4.306	220863400.000	200366000.000	-9.3
Aroclor-1260-1	5.201	5.100	5.300	398528300.000	365807000.000	-8.2
Aroclor-1260-2	5.389	5.290	5.490	461970500.000	437649000.000	-5.3
Aroclor-1260-3	5.531	5.431	5.631	439916700.000	412053000.000	-6.3
Aroclor-1260-4	5.992	5.893	6.093	390238500.000	366523000.000	-6.1
Aroclor-1260-5	6.236	6.137	6.337	814273700.000	800579000.000	-1.7
DCB	7.550	7.450	7.650	5951967000.000	5641450000.000	-5.2
TCX	2.784	2.684	2.884	8098077000.000	7347340000.000	-9.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:50
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603137

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 08:47:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	202.1E6	146.9E6	19.350	18.146
2) SA Decachlor...	8.504	7.550	178.5E6	225.7E6	39.946	37.913
Target Compounds						
3) L1 AR-1016-1	4.485	3.786	109.1E6	87675563	411.313	403.671
4) L1 AR-1016-2	4.503	3.802	176.0E6	136.5E6	386.359	334.624
5) L1 AR-1016-3	4.561	3.962	113.9E6	76315005	379.989	372.446
6) L1 AR-1016-4	4.650	4.011	92848636	67727034	391.146	356.873
7) L1 AR-1016-5	4.935	4.206	91988556	80146543	395.005	362.878
31) L7 AR-1260-1	6.024	5.201	155.0E6	146.3E6	389.557	367.158
32) L7 AR-1260-2	6.280	5.389	173.1E6	175.1E6	403.327	378.941
33) L7 AR-1260-3	6.632	5.531	136.0E6	164.8E6	391.275	374.665
34) L7 AR-1260-4	6.845	5.992	148.5E6	146.6E6	394.488	375.691
35) L7 AR-1260-5	7.151	6.236	269.9E6	320.2E6	407.675	393.273

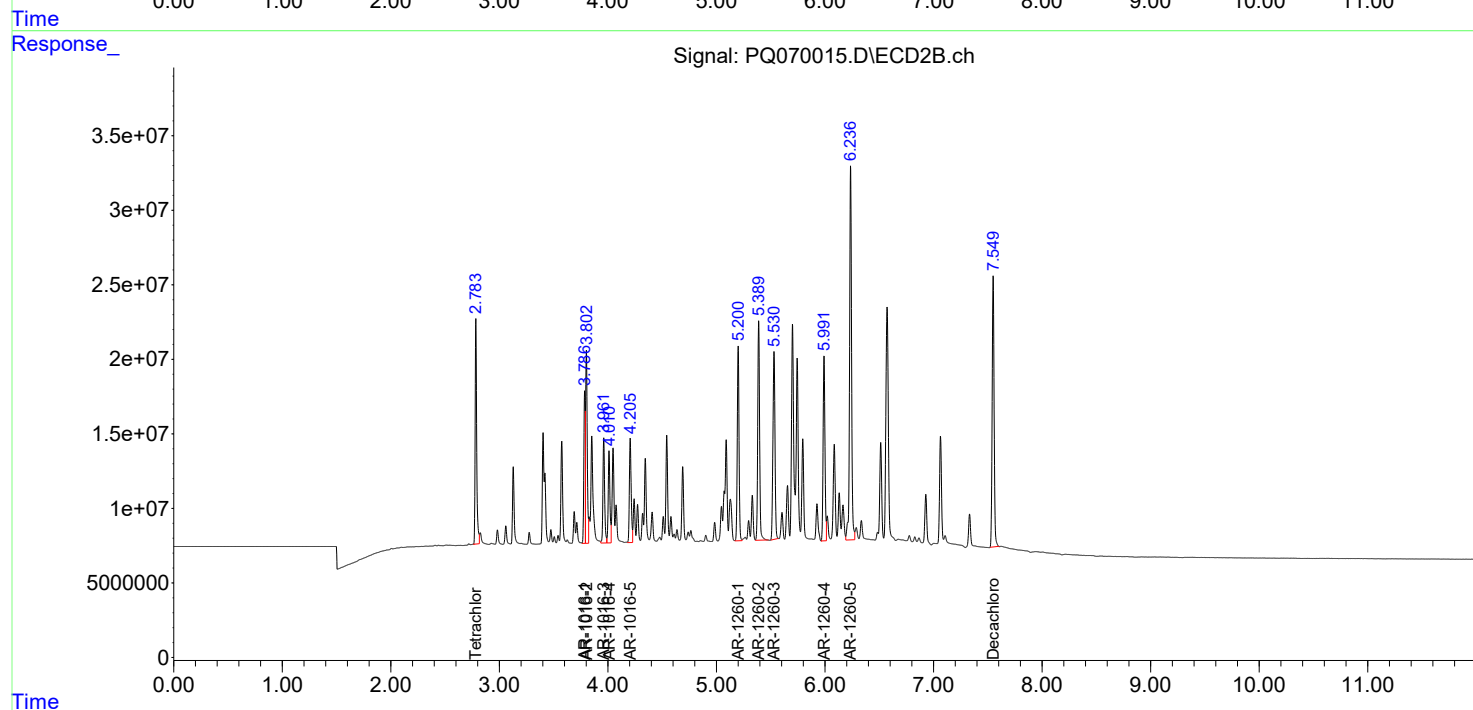
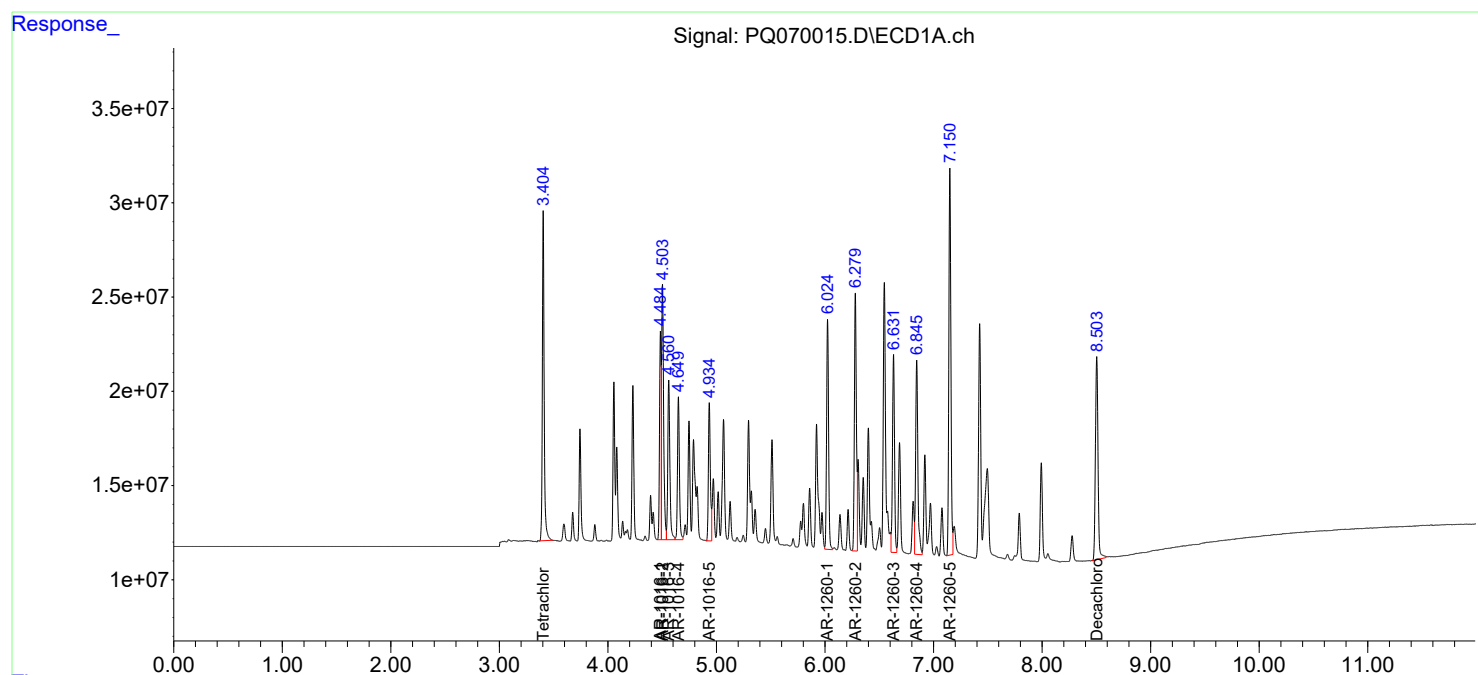
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:50
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603137

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 08:47:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1403

Project: Weekly Storage Blanks

Instrument ID: ECD_Q

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 02/26/2025 02/26/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
AIBLK321	AIBLK011	02/26/2025	12:27	PQ069997.D	8.50	3.41
AR16601037	AR1660ICC100	02/26/2025	12:42	PQ069998.D	8.50	3.41
AR16602038	AR1660ICC200	02/26/2025	12:56	PQ069999.D	8.50	3.40
AR16603039	AR1660ICC400	02/26/2025	13:11	PQ070000.D	8.50	3.40
AR16604040	AR1660ICC800	02/26/2025	13:26	PQ070001.D	8.50	3.40
AR16605041	AR1660ICC1600	02/26/2025	13:40	PQ070002.D	8.50	3.41
AR12211042	AR1221ICC100	02/26/2025	13:55	PQ070003.D	8.50	3.41
AR12321043	AR1232ICC100	02/26/2025	14:09	PQ070004.D	8.50	3.40
AR12421044	AR1242ICC100	02/26/2025	14:24	PQ070005.D	8.50	3.40
AR12481045	AR1248ICC100	02/26/2025	14:38	PQ070006.D	8.50	3.40
AR12541046	AR1254ICC100	02/26/2025	14:53	PQ070007.D	8.50	3.40
AR12621047	AR1262ICC100	02/26/2025	15:08	PQ070008.D	8.50	3.40
AR12681048	AR1268ICC100	02/26/2025	15:22	PQ070009.D	8.50	3.40
AIBLK322	AIBLK012	02/26/2025	15:37	PQ070010.D	8.50	3.40
AR16603136	AR1660CCC400	02/26/2025	15:51	PQ070011.D	8.50	3.41
PCB-GPC2-BLANK	Q1403-13	02/26/2025	16:06	PQ070012.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1403-14	02/26/2025	16:20	PQ070013.D	0.00	0.00
AIBLK323	AIBLK013	02/26/2025	16:35	PQ070014.D	8.50	3.40
AR16603137	AR1660CCC400	02/26/2025	16:50	PQ070015.D	8.50	3.40

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q1403

Project: Weekly Storage Blanks

Instrument ID: ECD_Q

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 02/26/2025 02/26/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
AIBLK321	AIBLK011	02/26/2025	12:27	PQ069997.D	7.55	2.78
AR16601037	AR1660ICC100	02/26/2025	12:42	PQ069998.D	7.55	2.78
AR16602038	AR1660ICC200	02/26/2025	12:56	PQ069999.D	7.55	2.78
AR16603039	AR1660ICC400	02/26/2025	13:11	PQ070000.D	7.55	2.78
AR16604040	AR1660ICC800	02/26/2025	13:26	PQ070001.D	7.55	2.78
AR16605041	AR1660ICC1600	02/26/2025	13:40	PQ070002.D	7.55	2.78
AR12211042	AR1221ICC100	02/26/2025	13:55	PQ070003.D	7.55	2.78
AR12321043	AR1232ICC100	02/26/2025	14:09	PQ070004.D	7.55	2.78
AR12421044	AR1242ICC100	02/26/2025	14:24	PQ070005.D	7.55	2.78
AR12481045	AR1248ICC100	02/26/2025	14:38	PQ070006.D	7.55	2.78
AR12541046	AR1254ICC100	02/26/2025	14:53	PQ070007.D	7.55	2.78
AR12621047	AR1262ICC100	02/26/2025	15:08	PQ070008.D	7.55	2.78
AR12681048	AR1268ICC100	02/26/2025	15:22	PQ070009.D	7.55	2.78
AIBLK322	AIBLK012	02/26/2025	15:37	PQ070010.D	7.55	2.78
AR16603136	AR1660CCC400	02/26/2025	15:51	PQ070011.D	7.55	2.78
PCB-GPC2-BLANK	Q1403-13	02/26/2025	16:06	PQ070012.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1403-14	02/26/2025	16:20	PQ070013.D	0.00	0.00
AIBLK323	AIBLK013	02/26/2025	16:35	PQ070014.D	7.55	2.78
AR16603137	AR1660CCC400	02/26/2025	16:50	PQ070015.D	7.55	2.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GPC2-BLANK-SPIK

Contract: CHEM02

Lab Code: CHEM Case No.: Q1403 SAS No.: Q1403 SDG NO.: Q1403

Lab Sample ID: Q1403-14 Date(s) Analyzed: 02/26/2025 02/26/2025

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PQ070013.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.487	4.437	4.537	188	177	3.4
COLUMN 1	2	4.505	4.455	4.555	185		
	3	4.563	4.513	4.613	170		
	4	4.652	4.602	4.702	172		
	5	4.936	4.886	4.986	169		
	1	3.787	3.737	3.837	198		
COLUMN 2	2	3.803	3.753	3.853	173	183	
	3	3.964	3.914	4.014	186		
	4	4.012	3.962	4.062	175		
	5	4.207	4.157	4.257	180		
Aroclor-1260	1	6.026	5.976	6.076	211	206	1.9
COLUMN 1	2	6.282	6.232	6.332	219		
	3	6.633	6.583	6.683	193		
	4	6.847	6.797	6.897	205		
	5	7.152	7.102	7.202	201		
	1	5.201	5.151	5.251	206	202	
COLUMN 2	2	5.39	5.34	5.44	209		
	3	5.532	5.482	5.582	208		
	4	5.992	5.942	6.042	177		
	5	6.237	6.187	6.287	210		



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/26/25
Project:	Weekly Storage Blanks	Date Received:	02/26/25
Client Sample ID:	PIBLK-PQ069997.D	SDG No.:	Q1403
Lab Sample ID:	I.BLK-PQ069997.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ069997.D	1		02/26/25	PQ022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.057	U	0.057	1.00	ug/L
11104-28-2	Aroclor-1221	0.057	U	0.057	1.00	ug/L
11141-16-5	Aroclor-1232	0.057	U	0.057	1.00	ug/L
53469-21-9	Aroclor-1242	0.057	U	0.057	1.00	ug/L
12672-29-6	Aroclor-1248	0.057	U	0.057	1.00	ug/L
11097-69-1	Aroclor-1254	0.057	U	0.057	1.00	ug/L
11096-82-5	Aroclor-1260	0.057	U	0.057	1.00	ug/L
37324-23-5	Aroclor-1262	0.057	U	0.057	1.00	ug/L
11100-14-4	Aroclor-1268	0.057	U	0.057	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.20		30 - 150	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.41		30 - 150	102%	SPK: 40

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ069997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 12:27
 Operator : YP\AJ
 Sample : AIBLK011
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AIBLK321

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:34:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.405	2.784	212.0E6	170.6E6	20.306	21.064
2) SA Decachlor...	8.504	7.550	189.4E6	243.3E6	42.386	40.881

Target Compounds

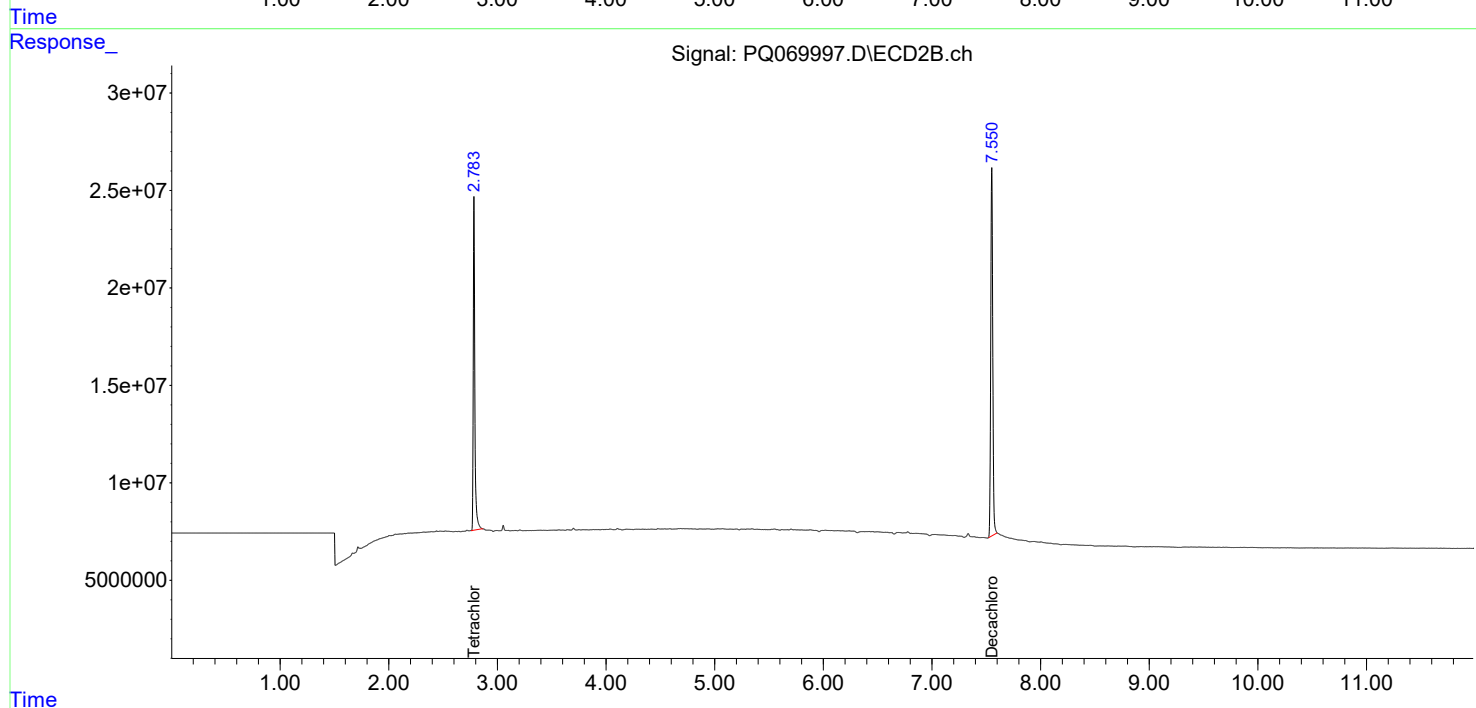
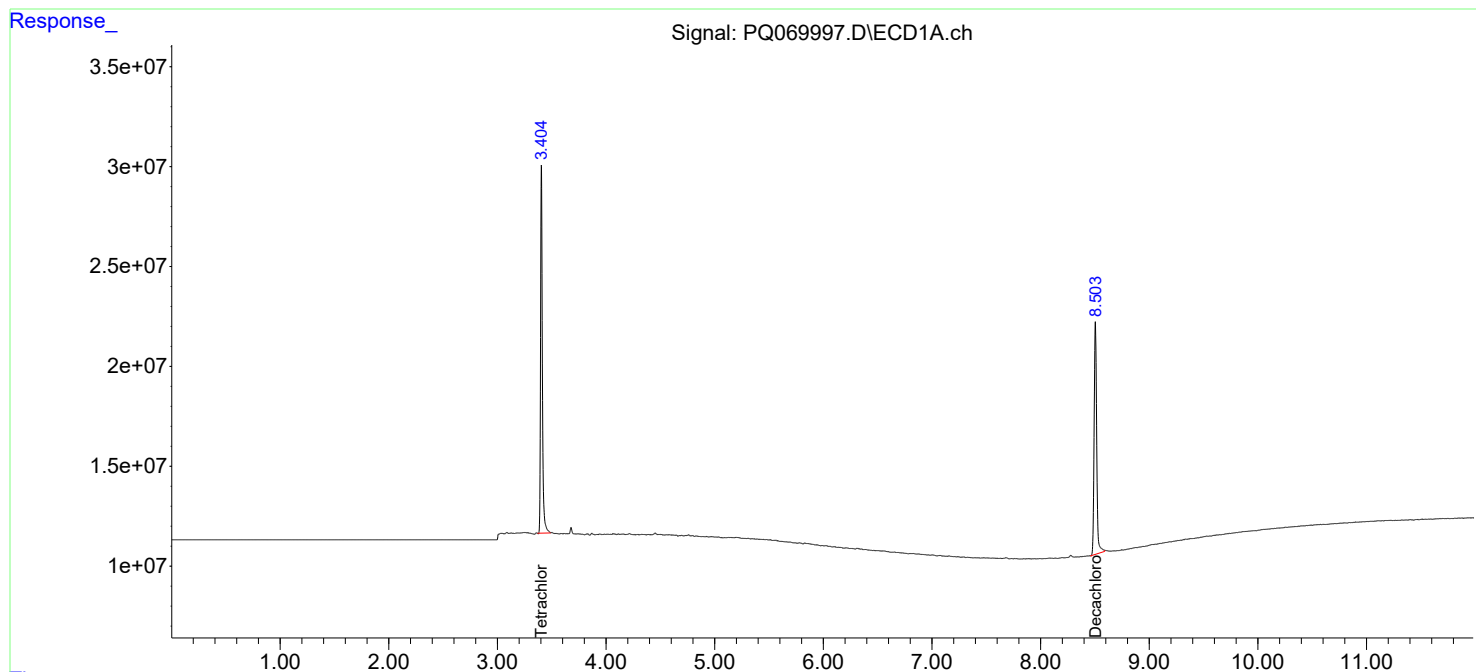
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 12:27
Operator : YP\AJ
Sample : AIBLK011
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK321

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:34:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/26/25
Project:	Weekly Storage Blanks	Date Received:	02/26/25
Client Sample ID:	PIBLK-PQ070010.D	SDG No.:	Q1403
Lab Sample ID:	I.BLK-PQ070010.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070010.D	1		02/26/25	PQ022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.057	U	0.057	1.00	ug/L
11104-28-2	Aroclor-1221	0.057	U	0.057	1.00	ug/L
11141-16-5	Aroclor-1232	0.057	U	0.057	1.00	ug/L
53469-21-9	Aroclor-1242	0.057	U	0.057	1.00	ug/L
12672-29-6	Aroclor-1248	0.057	U	0.057	1.00	ug/L
11097-69-1	Aroclor-1254	0.057	U	0.057	1.00	ug/L
11096-82-5	Aroclor-1260	0.057	U	0.057	1.00	ug/L
37324-23-5	Aroclor-1262	0.057	U	0.057	1.00	ug/L
11100-14-4	Aroclor-1268	0.057	U	0.057	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.21		30 - 150	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.42		30 - 150	104%	SPK: 40

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:37
 Operator : YP\AJ
 Sample : AIBLK012
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AIBLK322

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:34:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	216.2E6	170.3E6	20.702	21.032
2) SA Decachlor...	8.503	7.549	193.9E6	248.8E6	43.395	41.798

Target Compounds

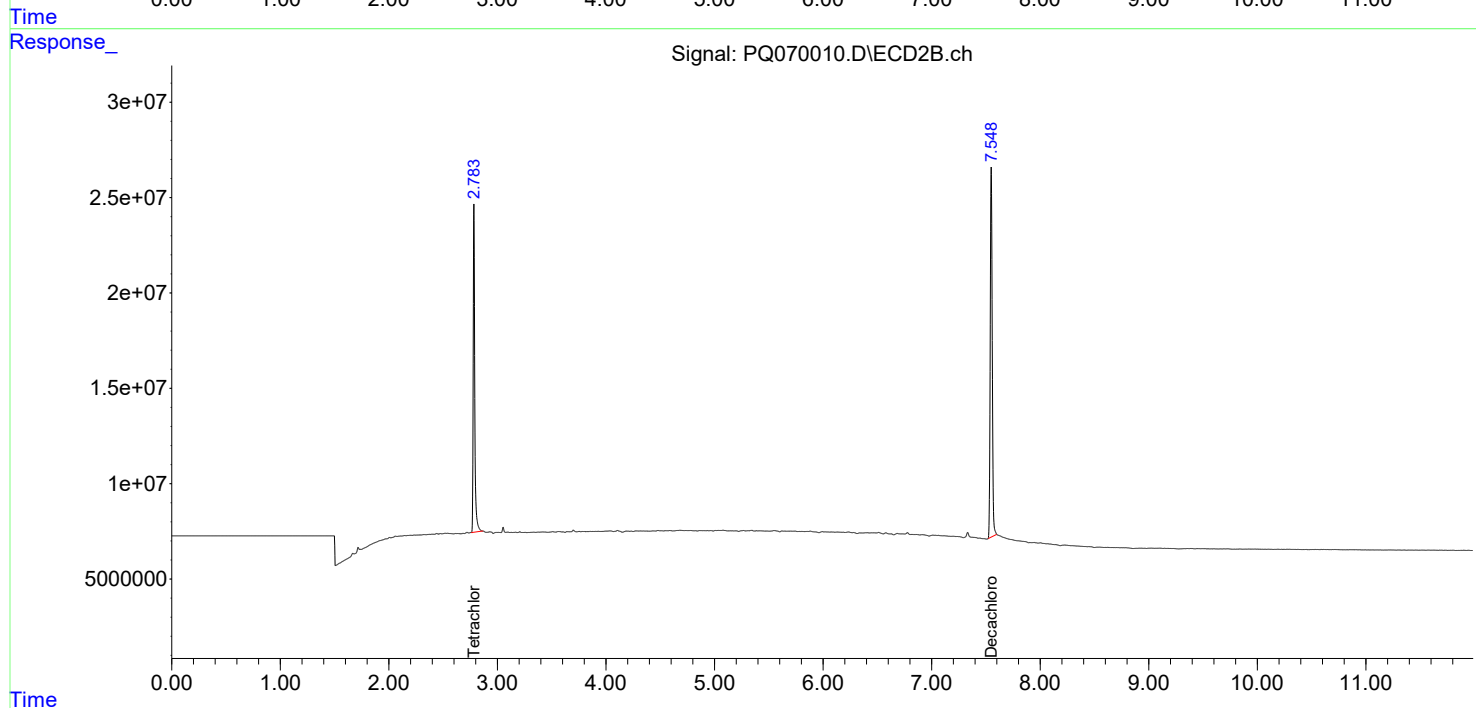
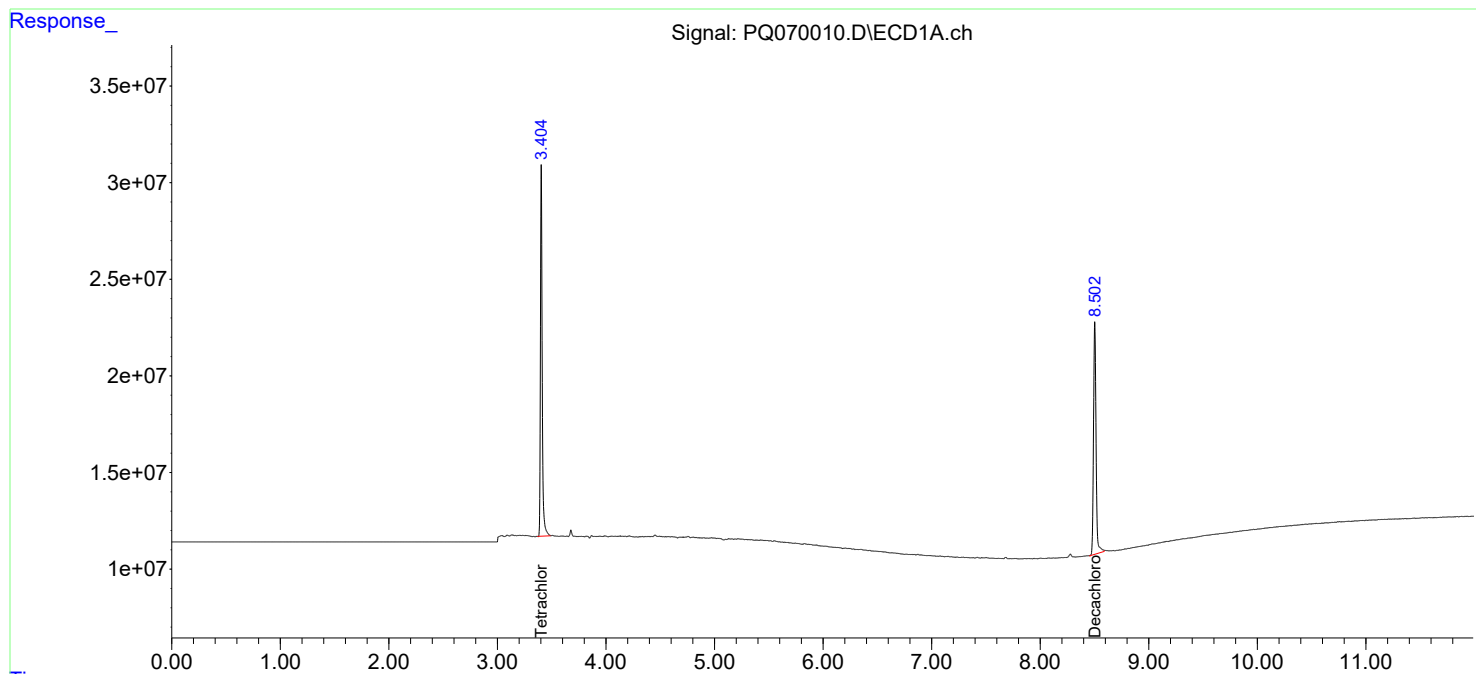
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:37
Operator : YP\AJ
Sample : AIBLK012
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK322

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:34:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/26/25
Project:	Weekly Storage Blanks	Date Received:	02/26/25
Client Sample ID:	PIBLK-PQ070014.D	SDG No.:	Q1403
Lab Sample ID:	I.BLK-PQ070014.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070014.D	1		02/26/25	PQ022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.057	U	0.057	1.00	ug/L
11104-28-2	Aroclor-1221	0.057	U	0.057	1.00	ug/L
11141-16-5	Aroclor-1232	0.057	U	0.057	1.00	ug/L
53469-21-9	Aroclor-1242	0.057	U	0.057	1.00	ug/L
12672-29-6	Aroclor-1248	0.057	U	0.057	1.00	ug/L
11097-69-1	Aroclor-1254	0.057	U	0.057	1.00	ug/L
11096-82-5	Aroclor-1260	0.057	U	0.057	1.00	ug/L
37324-23-5	Aroclor-1262	0.057	U	0.057	1.00	ug/L
11100-14-4	Aroclor-1268	0.057	U	0.057	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.20		30 - 150	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.42		30 - 150	104%	SPK: 40

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
 Data File : PQ070014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:35
 Operator : YP\AJ
 Sample : AIBLK013
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AIBLK323

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 16:49:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 16:32:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.784	214.4E6	164.6E6	20.528	20.327
2) SA Decachlor...	8.504	7.550	191.0E6	247.0E6	42.756	41.498

Target Compounds

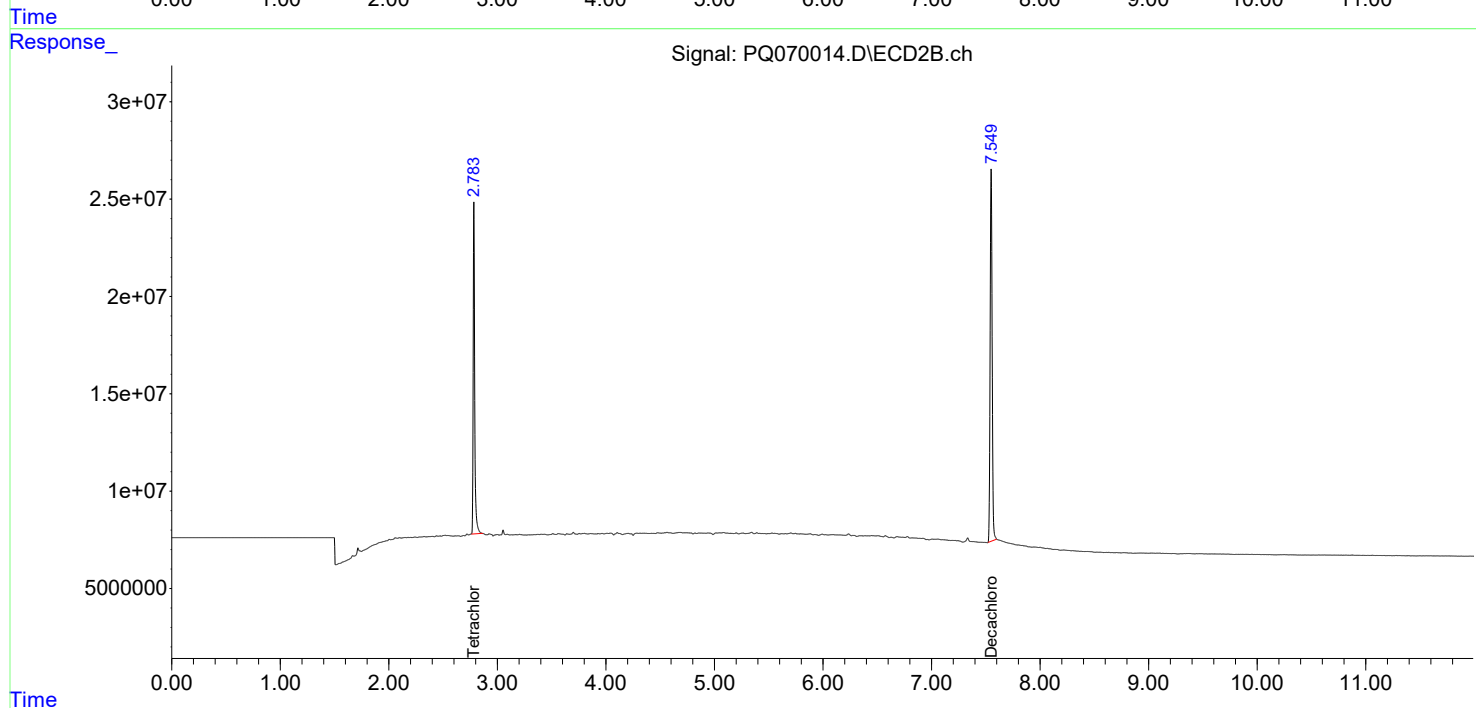
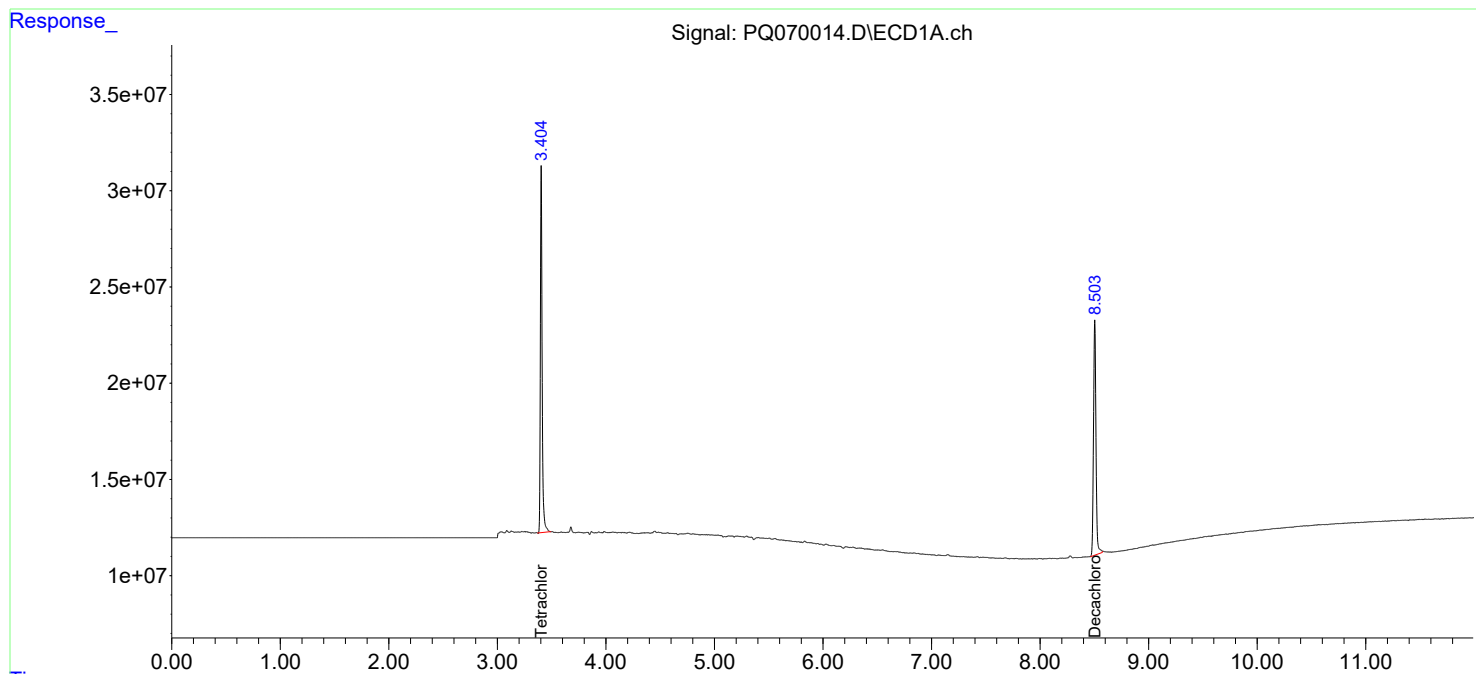
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022625\
Data File : PQ070014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:35
Operator : YP\AJ
Sample : AIBLK013
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK323

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 16:49:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 26 16:32:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

PQ022625

Instrument

ECD_q

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ022625

Review By	yogesh	Review On	2/27/2025 9:17:58 AM
Supervise By	Ankita	Supervise On	2/27/2025 9:19:38 AM
SubDirectory	PQ022625	HP Acquire Method	HP Processing Method PQ022625
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
CCC	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ069996.D	26 Feb 2025 12:13	YP\AJ	Ok
2	AIBLK011	PQ069997.D	26 Feb 2025 12:27	YP\AJ	Ok
3	AR1660ICC100	PQ069998.D	26 Feb 2025 12:42	YP\AJ	Ok
4	AR1660ICC200	PQ069999.D	26 Feb 2025 12:56	YP\AJ	Ok
5	AR1660ICC400	PQ070000.D	26 Feb 2025 13:11	YP\AJ	Ok
6	AR1660ICC800	PQ070001.D	26 Feb 2025 13:26	YP\AJ	Ok
7	AR1660ICC1600	PQ070002.D	26 Feb 2025 13:40	YP\AJ	Ok
8	AR1221ICC100	PQ070003.D	26 Feb 2025 13:55	YP\AJ	Ok
9	AR1232ICC100	PQ070004.D	26 Feb 2025 14:09	YP\AJ	Ok
10	AR1242ICC100	PQ070005.D	26 Feb 2025 14:24	YP\AJ	Ok
11	AR1248ICC100	PQ070006.D	26 Feb 2025 14:38	YP\AJ	Ok
12	AR1254ICC100	PQ070007.D	26 Feb 2025 14:53	YP\AJ	Ok
13	AR1262ICC100	PQ070008.D	26 Feb 2025 15:08	YP\AJ	Ok
14	AR1268ICC100	PQ070009.D	26 Feb 2025 15:22	YP\AJ	Ok
15	AIBLK012	PQ070010.D	26 Feb 2025 15:37	YP\AJ	Ok
16	AR1660CCC400	PQ070011.D	26 Feb 2025 15:51	YP\AJ	Ok
17	Q1403-13	PQ070012.D	26 Feb 2025 16:06	YP\AJ	Ok
18	Q1403-14	PQ070013.D	26 Feb 2025 16:20	YP\AJ	Ok
19	AIBLK013	PQ070014.D	26 Feb 2025 16:35	YP\AJ	Ok
20	AR1660CCC400	PQ070015.D	26 Feb 2025 16:50	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ022625

Review By	yogesh	Review On	2/27/2025 9:17:58 AM
Supervise By	Ankita	Supervise On	2/27/2025 9:19:38 AM
SubDirectory	PQ022625	HP Acquire Method	HP Processing Method PQ022625

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,PP24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051 PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ069996.D	26 Feb 2025 12:13		YPIAJ	Ok
2	AIBLK011	AIBLK321	PQ069997.D	26 Feb 2025 12:27		YPIAJ	Ok
3	AR1660ICC100	AR16601037	PQ069998.D	26 Feb 2025 12:42		YPIAJ	Ok
4	AR1660ICC200	AR16602038	PQ069999.D	26 Feb 2025 12:56		YPIAJ	Ok
5	AR1660ICC400	AR16603039	PQ070000.D	26 Feb 2025 13:11		YPIAJ	Ok
6	AR1660ICC800	AR16604040	PQ070001.D	26 Feb 2025 13:26		YPIAJ	Ok
7	AR1660ICC1600	AR16605041	PQ070002.D	26 Feb 2025 13:40		YPIAJ	Ok
8	AR1221ICC100	AR12211042	PQ070003.D	26 Feb 2025 13:55		YPIAJ	Ok
9	AR1232ICC100	AR12321043	PQ070004.D	26 Feb 2025 14:09		YPIAJ	Ok
10	AR1242ICC100	AR12421044	PQ070005.D	26 Feb 2025 14:24		YPIAJ	Ok
11	AR1248ICC100	AR12481045	PQ070006.D	26 Feb 2025 14:38		YPIAJ	Ok
12	AR1254ICC100	AR12541046	PQ070007.D	26 Feb 2025 14:53		YPIAJ	Ok
13	AR1262ICC100	AR12621047	PQ070008.D	26 Feb 2025 15:08		YPIAJ	Ok
14	AR1268ICC100	AR12681048	PQ070009.D	26 Feb 2025 15:22		YPIAJ	Ok
15	AIBLK012	AIBLK322	PQ070010.D	26 Feb 2025 15:37		YPIAJ	Ok
16	AR1660CCC400	AR16603136	PQ070011.D	26 Feb 2025 15:51		YPIAJ	Ok
17	Q1403-13	PCB-GPC2-BLANK	PQ070012.D	26 Feb 2025 16:06		YPIAJ	Ok
18	Q1403-14	PCB-GPC2-BLANK-SP	PQ070013.D	26 Feb 2025 16:20		YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ022625

Review By	yogesh	Review On	2/27/2025 9:17:58 AM
Supervise By	Ankita	Supervise On	2/27/2025 9:19:38 AM
SubDirectory	PQ022625	HP Acquire Method	HP Processing Method PQ022625
STD. NAME	STD REF.#		
Tune/Reschk	PP24020,PP24019,PP24018,PP24017,PP24016,PP24025,PP24024,PP24023,PP24022,PP24021,PP24030,PP24029,PP24028,PP24027,PP24026,P P24035,PP24034,PP24033,PP24032,PP24031,PP24040,PP24039,PP24038,PP24037,PP24036,PP24045,PP24044,PP24043,PP24042,PP24041,PP 24050,PP24049,PP24048,PP24047,PP24046,PP24055,PP24054,PP24053,PP24052,PP24051		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard	PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

19	AIBLK013	AIBLK323	PQ070014.D	26 Feb 2025 16:35		YP\AJ	Ok
20	AR1660CCC400	AR16603137	PQ070015.D	26 Feb 2025 16:50		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Baldev
Analyst: Nilesch
Date: 3/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 02/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134780

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1401-07	BP-VPB-192-GW-825-827	1	1.15	8.83	9.98	2.04	10.1	sludge sample
Q1401-08	BP-VPB-192-GW-860-862	2	1.13	8.65	9.78	1.93	9.2	sludge sample
Q1401-09	BP-VPB-192-GW-880-882	3	1.13	8.68	9.81	1.64	5.9	sludge sample
Q1403-05	SVOC-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1403-06	PEST-GPC-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q1403-07	PEST-GPC-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q1403-08	PCB-GPC-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1403-09	PCB-GPC-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1403-10	SVOC-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1403-11	PEST-GPC2-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q1403-12	PEST-GPC2-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
Q1403-13	PCB-GPC2-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q1403-14	PCB-GPC2-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q1407-01	022125	14	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1411-01	HR-02-02212025	15	1.16	8.48	9.64	9.09	93.5	
Q1411-02	HR-02-02212025-E2	16	1.15	8.70	9.85	9.12	91.6	
Q1411-03	HR-03-02212025	17	1.15	8.81	9.96	9.2	91.4	
Q1411-04	HR-03-02212025-E2	18	1.14	8.43	9.57	8.93	92.4	
Q1412-01	GAS-FUEL-ISLAND-MAT	19	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1413-01	BU-2-022125	20	1.18	8.58	9.76	9.28	94.4	
Q1413-02	BU-2-022125	21	1.19	8.45	9.64	9.22	95.0	
Q1414-01	BUR-1316	22	1.12	8.78	9.9	6.68	63.3	
Q1415-01	B-163-SB01	23	1.15	8.80	9.95	8.94	88.5	
Q1415-02	B-172-SB01	24	1.17	8.60	9.77	8.62	86.6	
Q1415-03	B-163-SB02	25	1.13	8.85	9.98	7.54	72.4	
Q1415-04	B-172-SB02	26	1.18	8.77	9.95	9.05	89.7	
Q1416-01	OK-01-022425	27	1.15	8.48	9.63	8.58	87.6	
Q1416-02	OK-01-022425-E2	28	1.16	8.69	9.85	8.77	87.6	

PERCENT SOLID

Supervisor: Baldev
Analyst: Nilesch
Date: 3/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 02/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134780

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q1418-01	TR-06-02242025	35	1.15	8.71	9.86	8.87	88.6	
Q1418-02	TR-06-02242025-E2	36	1.12	8.75	9.87	8.76	87.3	
Q1420-01	TP-1-WC	29	1.15	8.82	9.97	9.04	89.5	
Q1420-02	TP-1-WC-EPH	30	1.12	8.76	9.88	8.96	89.5	
Q1420-03	TP-1-WC-VOC	31	1.14	8.85	9.99	9.18	90.8	
Q1420-05	TP-2-WC	32	1.15	8.62	9.77	8.79	88.6	
Q1420-06	TP-2-WC-EPH	33	1.15	8.40	9.55	8.63	89.0	
Q1420-07	TP-2-WC-VOC	34	1.14	8.85	9.99	9.00	88.8	
Q1421-01	P001-CLAY-CF01-01	37	1.17	8.60	9.77	7.22	70.3	
Q1421-02	Q1421-01MS	38	1.17	8.60	9.77	7.22	70.3	
Q1421-03	Q1421-01MSD	39	1.17	8.60	9.77	7.22	70.3	
Q1421-04	P001-CLAY-CF01-01	40	1.00	9.00	10.00	1.00	0.0	
Q1421-05	Q1421-04MS	41	1.00	9.00	10.00	1.00	0.0	
Q1421-06	Q1421-04MSD	42	1.00	9.00	10.00	1.00	0.0	
Q1421-07	P001-CLAY-CF01-02	43	1.12	8.55	9.67	7.55	75.2	
Q1421-08	P001-CLAY-CF01-02	44	1.00	9.00	10.00	1.00	0.0	
Q1421-09	P001-CLAY-CF02-01	45	1.11	8.74	9.85	7.96	78.4	
Q1421-10	P001-CLAY-CF02-01	46	1.00	9.00	10.00	1.00	0.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

134780

WorkList Name : %1-022425 WorkList ID : 187836 Department : Wet-Chemistry Date : 02-24-2025 07:59:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1401-07	BP-VPB-192-GW-825-827	Solid	Percent Solids	1:1 HCl to pH < 2	TETR06	H31	02/17/2025	Chemtech -SO
Q1401-08	BP-VPB-192-GW-860-862	Solid	Percent Solids	1:1 HCl to pH < 2	TETR06	H31	02/17/2025	Chemtech -SO
Q1401-09	BP-VPB-192-GW-880-882	Solid	Percent Solids	1:1 HCl to pH < 2	TETR06	H31	02/17/2025	Chemtech -SO
Q1403-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1403-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1407-01	022125	Solid	Percent Solids	Cool 4 deg C	CHEM02	H11	02/21/2025	Chemtech -SO
Q1411-01	HR-02-02212025	Solid	Percent Solids	Cool 4 deg C	PSEG03	H23	02/21/2025	Chemtech -SO
Q1411-02	HR-02-02212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/21/2025	Chemtech -SO
Q1411-03	HR-03-02212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/21/2025	Chemtech -SO
Q1411-04	HR-03-02212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/21/2025	Chemtech -SO
Q1412-01	GAS-FUEL-ISLAND-MAT	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/21/2025	Chemtech -SO
Q1413-01	BU-2-022125	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/21/2025	Chemtech -SO
Q1413-02	BU-2-022125	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/21/2025	Chemtech -SO

Date/Time 02/24/25 15:25 Date/Time 02/24/25 17:10

Raw Sample Received by: JR wpc Raw Sample Received by: OR SN

Raw Sample Relinquished by: OR SN Raw Sample Relinquished by: OR SN

WORKLIST(Hardcopy Internal Chain)

134780

WorkList Name : %1-022425 WorkList ID : 187836 Department : Wet-Chemistry Date : 02-24-2025 07:59:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1414-01	BUR-1316	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/21/2025	Chemtech -SO
Q1415-01	B-163-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	N31	02/22/2025	Chemtech -SO
Q1415-02	B-172-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	N31	02/22/2025	Chemtech -SO
Q1415-03	B-163-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	N31	02/22/2025	Chemtech -SO
Q1415-04	B-172-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	N31	02/22/2025	Chemtech -SO
Q1416-01	OK-01-022425	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/22/2025	Chemtech -SO
Q1416-02	OK-01-022425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/24/2025	Chemtech -SO
Q1418-01	TR-06-02242025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H41	02/24/2025	Chemtech -SO
Q1418-02	TR-06-02242025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H41	02/24/2025	Chemtech -SO
Q1420-01	TP-1-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1420-02	TP-1-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1420-03	TP-1-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1420-05	TP-2-WC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1420-06	TP-2-WC-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1420-07	TP-2-WC-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	02/24/2025	Chemtech -SO
Q1421-01	P001-CLAY-CF01-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-02	Q1421-01MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-03	Q1421-01MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-04	P001-CLAY-CF01-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-05	Q1421-04MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-06	Q1421-04MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO

Date/Time 02/24/25 15:23
 Raw Sample Received by: SP WDC
 Raw Sample Relinquished by: SP WDC
 Date/Time 02/24/25 17:10
 Raw Sample Received by: SP
 Raw Sample Relinquished by: SP WDC

WORKLIST(Hardcopy Internal Chain)

2134780

WorkList Name : %1-022425 WorkList ID : 187836 Department : Wet-Chemistry Date : 02-24-2025 07:59:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1421-07	P001-CLAY-CF01-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-08	P001-CLAY-CF01-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-09	P001-CLAY-CF02-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO
Q1421-10	P001-CLAY-CF02-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	H31	02/24/2025	Chemtech -SO

Date/Time 02/24/25 15:25
 Raw Sample Received by: SPW/JSR
 Raw Sample Relinquished by: SPW/JSR

SOP ID: M3640A-GPC cleanup-6, M3665A-Sulfuric Acid Cleanup-7

Clean Up SOP #: GPC Cleanup, Acid Cleanup

Matrix : Solid

Extraction Start Date : 02/24/2025

Extraction Start Time : 10:36

Weigh By: N/A **Extraction By:** N/A

Extraction End Date : 02/25/2025

Balance check: N/A **Filter By:** N/A

Extraction End Time : 09:40

Balance ID: N/A **pH Meter ID:** N/A

Concentration By: RS

pH Strip Lot#: N/A **Hood ID:** 6,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
GPC Pcb Spike	10.0ML	400 PPB	PP24124
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2582
Baked Na2SO4	N/A	EP2589
Hexane	N/A	E3877
H2SO4 1:1	N/A	EP2565
Methylene Chloride	N/A	E3878
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

No Extraction only GPC Check prepared.

KD Bath ID: Water bath -01 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/25/25	RS (Ext Lab)	Y. P. Pest/PCB
9:45	Preparation Group	Analysis Group

Analytical Method: M3640A-GPC cleanup-6, M3665A-Sulfuric Acid Cleanup-7

Concentration Date: 02/25/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1403-13	PCB-GPC2-BLANK	PCB	10.0	N/A	RUPESH	ritesh	5			
Q1403-14	PCB-GPC2-BLANK-SPIKE	PCB	10.0	N/A	RUPESH	ritesh	5			

Ry
2/25

166865
10-36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1403

WorkList ID : 187852

Department : Extraction

Date : 02-24-2025 10:33:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1403-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	H11	02/21/2025	SFAM_SVOC
Q1403-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	H11	02/21/2025	SFAM_PEST
Q1403-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	H11	02/21/2025	SFAM_PEST
Q1403-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	H11	02/21/2025	SFAM_PCB
Q1403-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	H11	02/21/2025	SFAM_PCB

Date/Time 2/24/25 10:33
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: AP SR

Date/Time 2/24/25 10:35
Raw Sample Received by: AP SR
Raw Sample Relinquished by: RS (Ext-Lab)



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

#1

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION												
Report to be sent to:			PROJECT NAME: <u>Weekly Storage Blanks</u>			Chemtech Project Number: <u>Q1403</u>												
COMPANY: <u>Chemtech</u>			PROJECT #: _____			COC Number: _____												
ADDRESS: <u>284 Sheffield Street</u>			LOCATION: <u>NJ</u>			BILL TO: <u>Same</u>												
CITY: <u>Mountainside</u> STATE: <u>NJ</u> ZIP: <u>08816</u>			PROJECT MANAGER: _____			ADDRESS: _____												
ATTENTION: <u>QA Officer</u>			E-MAIL: _____			CITY: _____												
PHONE: <u>(908) 789-8900</u> FAX: <u>(908) 789-8922</u>			PHONE: _____ FAX: _____			STATE: _____ ZIP: _____												
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS												
FAX (RUSH) _____ DAYS*			☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT ☐ Other _____			1. VOC-GPC-Blank 2. SVOC-GPC-Blank 3. PEST-GPC-Blank 4. PCB-GPC-Blank 5. PCB-GPC-Blank-Spike 6. PCB-GPC-Blank-Spike 7. PCB-GPC-Blank-Spike 8. PCB-GPC-Blank-Spike 9. PCB-GPC-Blank-Spike												
HARDCOPY (DATA PACKAGE): _____ DAYS*																		
EDD: _____ DAYS*																		
TO BE APPROVED BY CHEMTECH																		
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		PRESERVATIVES									COMMENTS		
			Comp	Env	DATE	TIME	# of Bottles	A/E	1	2	3	4	5	6	7	8	9	
1.	Storage-Blank-SOTL-REF-6	AQ		X			2	X										
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X										
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X										
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X										
5.	SVOC-GPC-BLANK	SO		X			2	X										
6.	PEST-GPC-BLANK	SO		X			1		X									
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X								
8.	PCB-GPC-BLANK	SO		X			1			X								
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X							
10.	SVOC-GPC2-BLANK	SO		X			1			X								
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER			DATE/TIME			RECEIVED BY			Conditions of bottles or coolers at receipt									
1. <u>Sam</u>			5/2/21/21						☒ COMPLAINT ☐ NON COMPLAINT ☐ COOLER TEMP <u>6.0</u>									
RELINQUISHED BY			DATE/TIME			RECEIVED BY			Comments:									
2.																		
RELINQUISHED BY			DATE/TIME			RECEIVED FOR LAB BY												
3.																		
Page <u>1</u> of <u>2</u>								CLIENT: ☐ Hand Delivered ☐ Other: _____								Shipment Complete		
								CHEMTECH: ☐ Picked Up								☒ YES ☐ NO		

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

2/21

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number

COG Number

#2
Q1403

CLIENT INFORMATION

Report to be sent to:
COMPANY: CHEMTECH
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Tanks
PROJECT #:
PROJECT MANAGER:
LOCATION: AST
E-MAIL:
PHONE:
FAX:
BILL TO: SAME
ADDRESS:
CITY:
ATTENTION:
STATE:
ZIP:
POB:
PICKUP:
DATE:
TIME:
ANALYSIS:
PRESERVATIVES:
COMMENTS:
A-HCI D-HCI
B-HNO3 G-HCI
C-H2SO4 F-OTHER

DATA TURNAROUND INFORMATION

FAX (FURNISH)
HARDCOPY DATA PACKAGE: 3 DAYS
EOD:
TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

Level 1 (Results Only)
Level 2 (Results + QC)
Level 3 (Results + QC + Raw Data)
EOD FORMAT
Level 4 (QC + Full Raw Data)
NJ Packaged
NYS ASPA
NYS ASPB
Other

CHEMTECH
SAMPLE ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE

SAMPLE
COLLECTION

DATE TIME

1

2

3

4

5

6

7

8

9

10

COMMENTS

Specify Preservatives

A-HCI D-HCI

B-HNO3 G-HCI

C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER
1. Sam DATE/TIME 02/21/05
RELINQUISHED BY
2. DATE/TIME
RELINQUISHED BY
3. DATE/TIME
RECEIVED BY
1. RECEIVED BY
2. RECEIVED FOR LAB BY
3.

Conditions of bottles or culture at receipt: COMPLAINT NON COMPLAINT COOLER TEMP 6.0
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete
YES NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

10/2016

2/21

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488