

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: Q1837
Client: Chemtech Consulting Group
Contact: QA Officer

OrderDate: 4/18/2025 10:30:00 AM
Project: Weekly Storage Blanks
Location: L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1837-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	04/11/25	04/21/25	04/22/25	04/18/25
Q1837-14	PCB-GCP2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	04/11/25	04/21/25	04/22/25	04/18/25

Hit Summary Sheet
SW-846

SDG No.: Q1837

Order ID: Q1837

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB-GCP2-BLANK-SPIKE								
Q1837-14	PCB-GCP2-BLANK-§ SOIL		Aroclor-1016	370		4.50	100	ug/kg
Q1837-14	PCB-GCP2-BLANK-§ SOIL		Aroclor-1260	390		4.80	100	ug/kg
Total Concentration:				760.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q1837

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PQ070135.D	PIBLK-PQ070135.D	TCX	1	20	0.21	106		30	150
		DCB	1	40	0.45	112		30	150
		TCX	2	20	0.21	106		30	150
		DCB	2	40	0.43	109		30	150
I.BLK-PQ070220.D	PIBLK-PQ070220.D	TCX	1	20	0.18	91		30	150
		DCB	1	40	0.39	98		30	150
		TCX	2	20	0.19	94		30	150
		DCB	2	40	0.39	96		30	150
Q1837-13	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
Q1837-14	PCB-GCP2-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-PQ070224.D	PIBLK-PQ070224.D	TCX	1	20	0.19	94		30	150
		DCB	1	40	0.41	101		30	150
		TCX	2	20	0.20	99		30	150
		DCB	2	40	0.40	100		30	150

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: Q1837

SAS No.: Q1837 SDG NO.: Q1837

Lab Sample ID: _____

Lab File ID: _____

Matrix: (soil/water) _____

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) _____

Date Extracted: _____

Date Analyzed (1): _____

Date Analyzed (2): _____

Time Analyzed (1): _____

Time Analyzed (2): _____

Instrument ID (1): _____

Instrument ID (2): _____

GC Column (1): _____ ID: _____ (mm)

GC Column (2): _____ ID: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	PCB-GPC2-BLANK	SDG No.:	Q1837
Lab Sample ID:	Q1837-13	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	1000 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1000000 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
PQ070222.D	1	04/21/25 11:20	04/22/25 11:47	PB167678

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\PQ042225\
Data File : PQ070222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:47
Operator : YP\AJ
Sample : Q1837-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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

Target Compounds

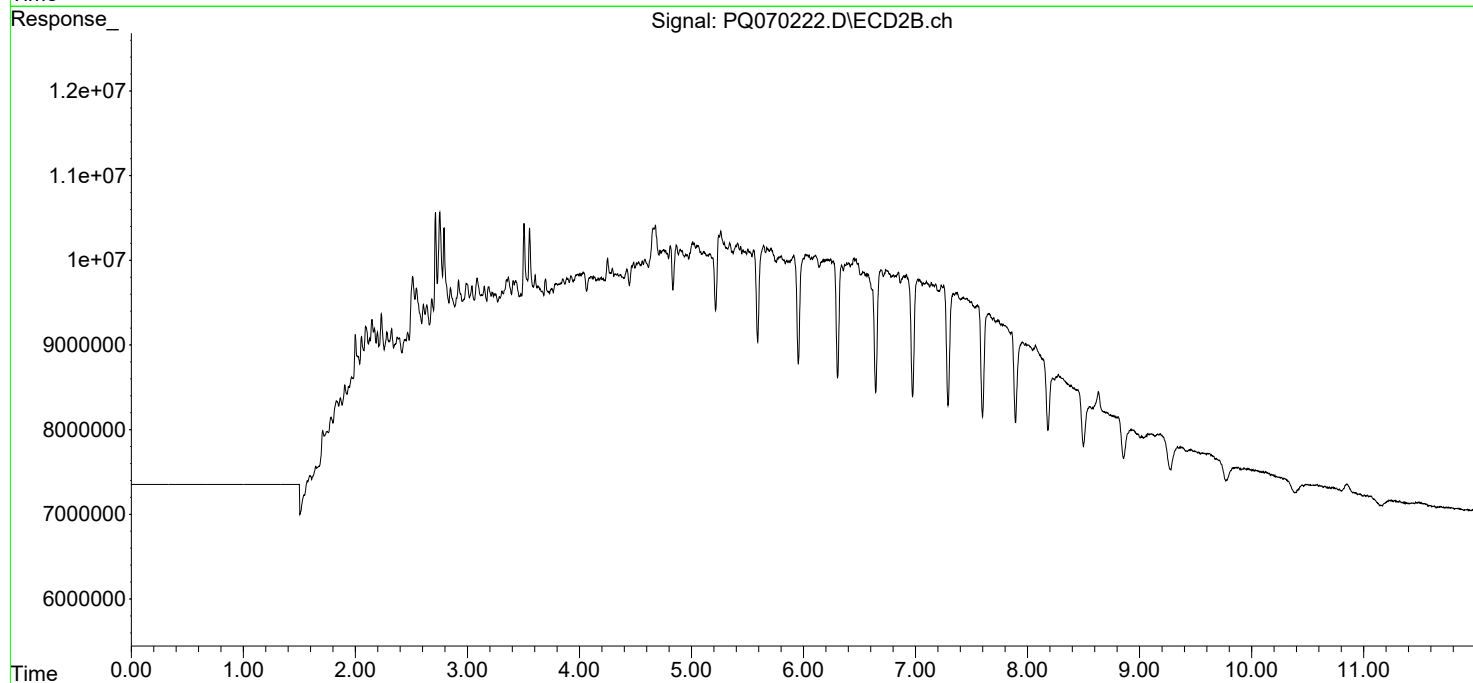
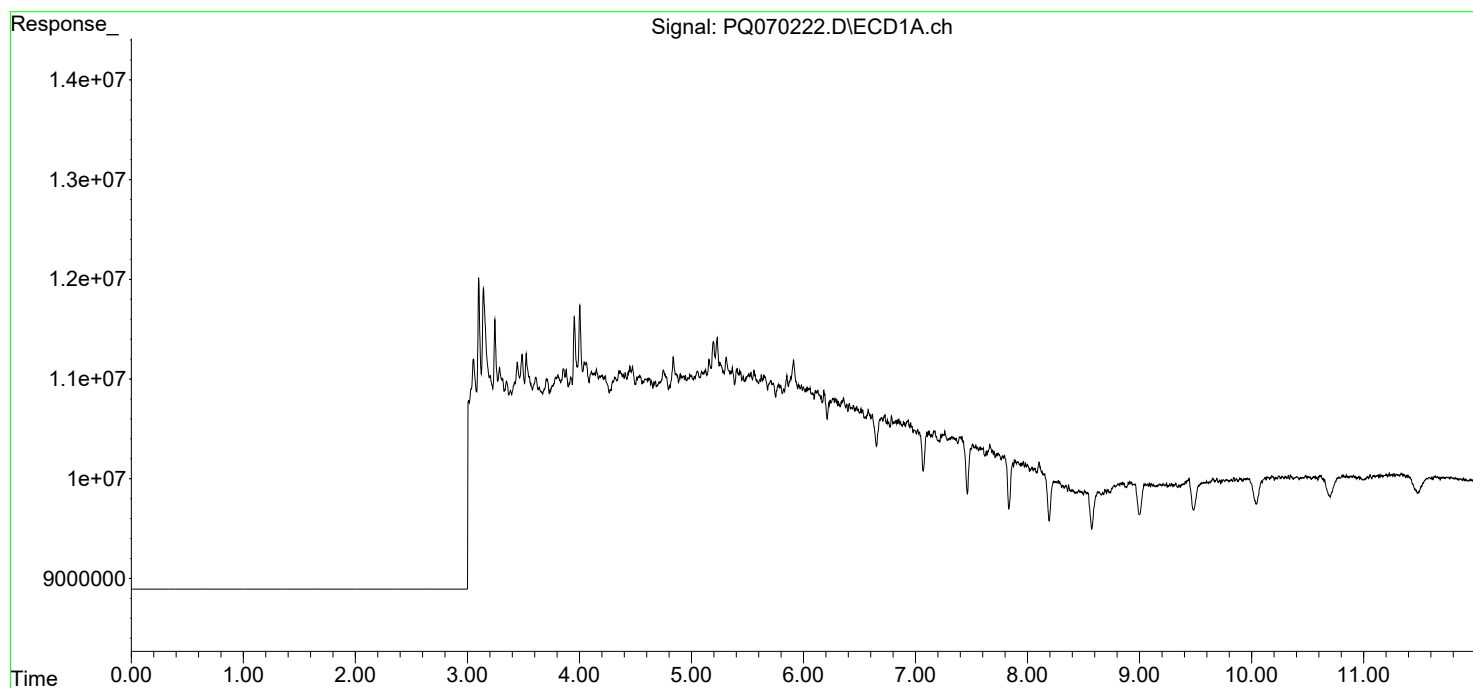
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 11:47
Operator : YP\AJ
Sample : Q1837-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:34:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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:	04/11/25
Project:	Weekly Storage Blanks	Date Received:	04/18/25
Client Sample ID:	PCB-GCP2-BLANK-SPIKE	SDG No.:	Q1837
Lab Sample ID:	Q1837-14	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	1000 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1000000 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
PQ070223.D	1	04/21/25 11:20	04/22/25 12:02	PB167678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	370		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	390		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\PQ042225\
 Data File : PQ070223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 12:02
 Operator : YP\AJ
 Sample : Q1837-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PCB-GCP2-BLANK-SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 13:35:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:58:55 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

Target Compounds

3)	L1	AR-1016-1	4.488	3.785	78419541	85845424	375.023	389.174
4)	L1	AR-1016-2	4.508	3.801	128.0E6	136.5E6	391.191	409.116
5)	L1	AR-1016-3	4.565	3.961	77508981	70527201	376.454	381.390
6)	L1	AR-1016-4	4.655	4.009	61616518	58620205	365.610	362.774
7)	L1	AR-1016-5	4.939	4.204	58872517	72758989	358.185	371.858
31)	L7	AR-1260-1	6.029	5.197	124.2E6	155.9E6	428.953	440.194
32)	L7	AR-1260-2	6.285	5.386	143.0E6	187.3E6	424.793	438.607
33)	L7	AR-1260-3	6.636	5.528	90219820	175.3E6	350.788	435.620
34)	L7	AR-1260-4	6.850	5.988	107.7E6	134.9E6	378.301	382.879
35)	L7	AR-1260-5	7.156	6.232	211.9E6	338.7E6	386.340	425.111

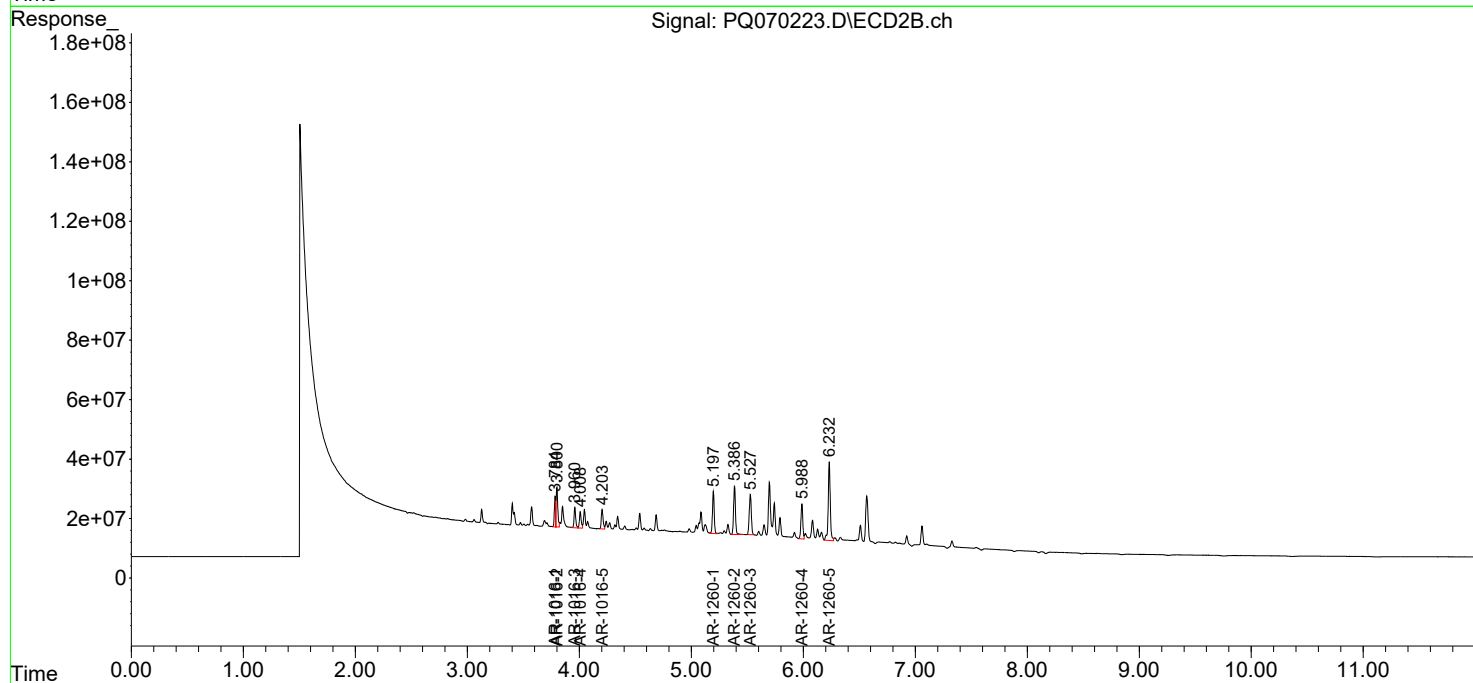
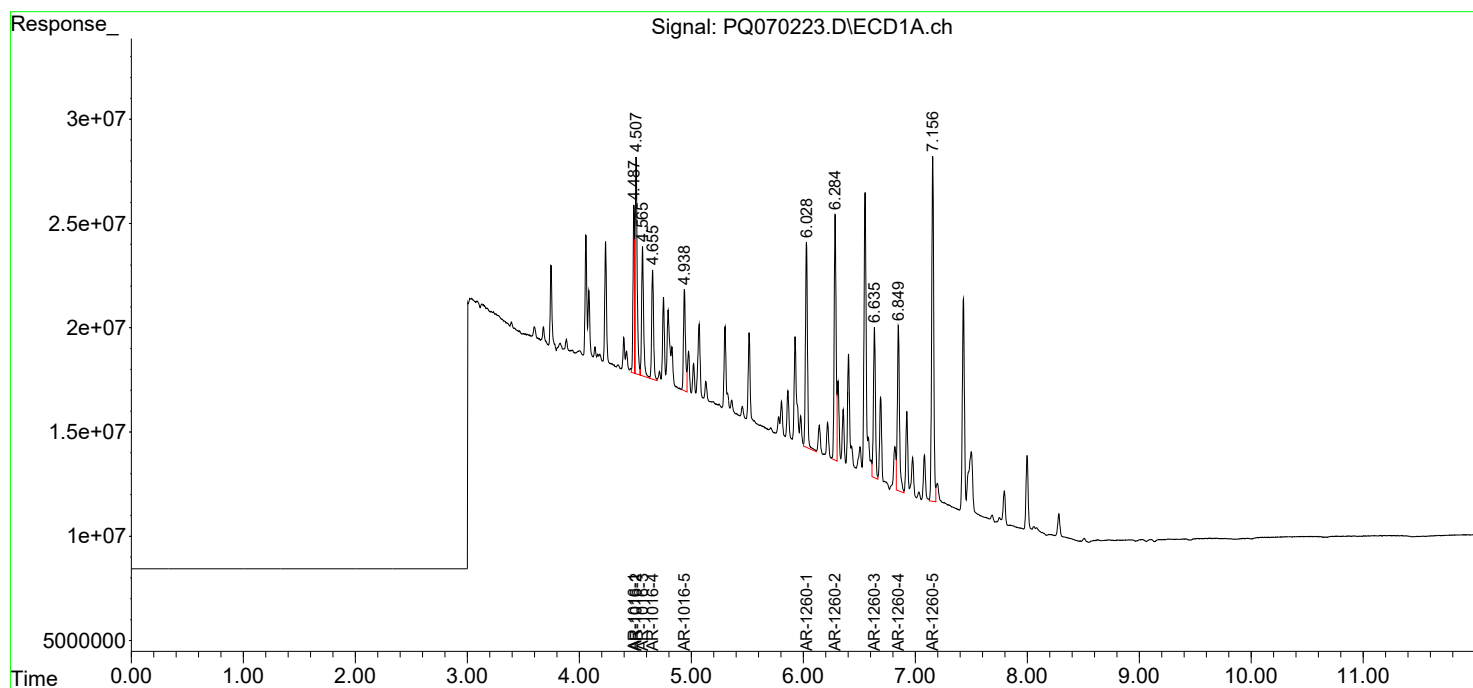
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:02
Operator : YP\AJ
Sample : Q1837-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GCP2-BLANK-SPIKE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:35:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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: CHEM02Lab Code: CHEMCase No.: Q1837SAS No.: Q1837SDG NO.: Q1837Instrument ID: ECD_Q

Calibration Date(s):

04/09/202504/09/2025

Calibration Times:

09:4119:09GC Column: ZB-MR1ID: 0.32 (mm)

LAB FILE ID:

RT 100 = PQ070136.DRT 200 = PQ070137.DRT 400 = PQ070138.DRT 800 = PQ070139.DRT 1600 = PQ070140.D

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.48	4.49	4.48	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		3.40	3.41	3.40	3.41	3.41	3.41	3.36	3.46
Aroclor-1221-1	(1)	3.60	3.60	3.60	3.60	3.60	3.60	3.53	3.67
Aroclor-1221-2	(2)	3.68	3.68	3.68	3.68	3.68	3.68	3.61	3.75
Aroclor-1221-3	(3)	3.74	3.74	3.74	3.74	3.74	3.74	3.67	3.81
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.41	3.41	3.40	3.41	3.41	3.41	3.36	3.46
Aroclor-1232-1	(1)	3.74	3.74	3.74	3.74	3.74	3.74	3.67	3.81
Aroclor-1232-2	(2)	4.23	4.23	4.23	4.23	4.23	4.23	4.16	4.30
Aroclor-1232-3	(3)	4.50	4.50	4.50	4.50	4.50	4.50	4.43	4.57
Aroclor-1232-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.58	4.72
Aroclor-1232-5	(5)	4.75	4.75	4.75	4.75	4.75	4.75	4.68	4.82
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.41	3.40	3.40	3.35	3.45
Aroclor-1242-1	(1)	4.48	4.49	4.49	4.48	4.49	4.49	4.42	4.56
Aroclor-1242-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.43	4.57
Aroclor-1242-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.49	4.63
Aroclor-1242-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.58	4.72
Aroclor-1242-5	(5)	5.36	5.36	5.36	5.36	5.36	5.36	5.29	5.43
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.40	3.40	3.40	3.35	3.45
Aroclor-1248-1	(1)	4.48	4.49	4.48	4.48	4.48	4.48	4.41	4.55
Aroclor-1248-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.68	4.82
Aroclor-1248-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.87	5.01
Aroclor-1248-4	(4)	5.32	5.32	5.32	5.32	5.32	5.32	5.25	5.39
Aroclor-1248-5	(5)	5.36	5.36	5.36	5.36	5.36	5.36	5.29	5.43
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.40	3.41	3.40	3.35	3.45

RETENTION TIMES OF INITIAL CALIBRATION

Aroclor-1254-1	(1)	5.30	5.30	5.30	5.30	5.30	5.30	5.23	5.37
Aroclor-1254-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.44	5.58
Aroclor-1254-3	(3)	5.86	5.86	5.86	5.86	5.86	5.86	5.79	5.93
Aroclor-1254-4	(4)	6.14	6.14	6.14	6.14	6.14	6.14	6.07	6.21
Aroclor-1254-5	(5)	6.55	6.55	6.55	6.55	6.55	6.55	6.48	6.62
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.40	3.40	3.40	3.35	3.45
Aroclor-1262-1	(1)	6.85	6.85	6.85	6.85	6.85	6.85	6.78	6.92
Aroclor-1262-2	(2)	7.15	7.15	7.15	7.15	7.15	7.15	7.08	7.22
Aroclor-1262-3	(3)	7.42	7.42	7.42	7.43	7.42	7.42	7.35	7.49
Aroclor-1262-4	(4)	7.50	7.50	7.50	7.50	7.50	7.50	7.43	7.57
Aroclor-1262-5	(5)	7.99	7.99	7.99	7.99	7.99	7.99	7.92	8.06
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.40	3.40	3.40	3.35	3.45
Aroclor-1268-1	(1)	7.42	7.42	7.42	7.42	7.42	7.42	7.35	7.49
Aroclor-1268-2	(2)	7.50	7.50	7.50	7.50	7.50	7.50	7.43	7.57
Aroclor-1268-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.61	7.75
Aroclor-1268-4	(4)	7.99	7.99	7.99	7.99	7.99	7.99	7.92	8.06
Aroclor-1268-5	(5)	8.28	8.28	8.28	8.28	8.28	8.28	8.21	8.35
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.41	3.41	3.40	3.40	3.41	3.41	3.36	3.46

19:09

ID: 0.32 (mm)

RT 1600 = PO070140.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1837 **SAS No.:** Q1837 **SDG NO.:** Q1837
Instrument ID: ECD_Q
Calibration Date(s): 04/09/2025 04/09/2025
Calibration Times: 09:41 19:09

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

LAB FILE ID:		CF 100 = <u>PQ070136.D</u>		CF 200 = <u>PQ070137.D</u>			
CF 400 = <u>PQ070138.D</u>		CF 800 = <u>PQ070139.D</u>		CF 1600 = <u>PQ070140.D</u>			
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	% RSD
Aroclor-1016-1	(1)	249763050	224775150	204155215	186161255	180676488	209106232
Aroclor-1016-2	(2)	384976690	351460750	323806283	294880266	281216291	327268056
Aroclor-1016-3	(3)	244527460	220764925	204373900	184653395	175140664	205892069
Aroclor-1016-4	(4)	200404980	181110060	165723520	151280245	144135296	168530820
Aroclor-1016-5	(5)	194892690	176771980	162665350	148098721	139388661	164363480
Aroclor-1260-1	(1)	344597770	307765250	284829255	259977844	250559227	289545869
Aroclor-1260-2	(2)	403345070	355839390	327234215	303176460	293137811	336546589
Aroclor-1260-3	(3)	300037390	274824575	252370055	232970993	225755974	257191797
Aroclor-1260-4	(4)	335321590	300263950	280280703	257292511	250260739	284683899
Aroclor-1260-5	(5)	626224630	578658625	535046863	503058616	499290124	548455772
DCB		3852041000	3616857350	3367328525	3095901850	3028387594	3392103264
TCX		8453367000	7803085600	7162715300	6652607350	6439273738	7302209798
Aroclor-1221-1	(1)	99985590	90199425	83271005	76395416	71421911	84254669
Aroclor-1221-2	(2)	69042840	61184150	56742780	52797200	48990068	57751408
Aroclor-1221-3	(3)	230369300	199658620	182985365	168427125	154975430	187283168
DCB		3824402900	3521747800	3357980200	3181631463	3033366988	3383825870
TCX		8678124200	8031927000	7454699150	7027083700	6726203988	7583607608
Aroclor-1232-1	(1)	178066420	159011455	147372078	136366765	125092483	149181840
Aroclor-1232-2	(2)	103584510	89009000	81307485	74752030	69913703	83713346
Aroclor-1232-3	(3)	182024280	164644930	151912513	141098261	132757514	154487500
Aroclor-1232-4	(4)	94645710	82631940	78160283	71539890	67361971	78867959
Aroclor-1232-5	(5)	63101380	54348725	51917020	47870774	44697929	52387166
DCB		3934139600	3587764300	3391018250	3181704463	3055915325	3430108388
TCX		8971385400	8052367400	7399591750	6978983575	6706179013	7621701428
Aroclor-1242-1	(1)	213603080	198703975	177018540	163968976	154304205	181519755
Aroclor-1242-2	(2)	328307680	302808275	278882430	257652641	249307827	283391771
Aroclor-1242-3	(3)	210055910	193062480	175865913	163370901	154452037	179361448
Aroclor-1242-4	(4)	169794630	154949690	143459175	133036525	126991226	145646249
Aroclor-1242-5	(5)	155561720	150410045	140501235	130674215	125811173	140591678
DCB		3883102600	3686509700	3413574800	3228196050	3134234106	3469123451
TCX		8450671400	8070960800	7491548450	7034362875	6818019613	7573112628
Aroclor-1248-1	(1)	164605890	145266540	136378668	125716768	115227908	137439155
Aroclor-1248-2	(2)	233809720	199502095	189341295	173068164	158480831	190840421
Aroclor-1248-3	(3)	277138600	240806610	226244858	208075665	192649591	228983065

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	290049390	253343145	239807183	223278169	209330638	243161705	13
Aroclor-1248-5	(5)	272889530	233804265	234790728	216664286	205333548	232696471	11
DCB		4057944600	3784720900	3464210375	3265882075	3113655913	3537282773	11
TCX		8879608200	7942057800	7352740200	6851244875	6501803488	7505490913	13
Aroclor-1254-1	(1)	302854610	279411805	254446368	226108266	213120638	255188337	15
Aroclor-1254-2	(2)	464147800	430952225	389204123	347971921	331035789	392662372	14
Aroclor-1254-3	(3)	475648200	444165230	409054165	370493481	354980801	410868375	12
Aroclor-1254-4	(4)	328403150	300047185	281022058	255040681	247413060	282385227	12
Aroclor-1254-5	(5)	366157740	342098460	319837540	288456235	279202967	319150588	11
DCB		4064620400	3777196350	3537407075	3232911213	3108644906	3544155989	11
TCX		8296091200	7917615900	7330357150	6620248675	6332071275	7299276840	11
Aroclor-1262-1	(1)	415137180	374665495	355371995	325227399	319018834	357884181	11
Aroclor-1262-2	(2)	745177040	672958940	625537058	592185150	586546946	644481027	10
Aroclor-1262-3	(3)	433891230	436762110	417179538	379273571	382323369	409885964	7
Aroclor-1262-4	(4)	373605980	348125720	338384735	310807106	305468103	335278329	8
Aroclor-1262-5	(5)	231273680	214143825	199096500	188017520	181527519	202811809	10
DCB		4317220100	3826260000	3557739075	3300433825	3197257900	3639782180	12
TCX		8539875000	7921745300	7186249900	6522050950	6429636125	7319911455	12
Aroclor-1268-1	(1)	851867840	816190885	727096280	680668058	655637546	746292122	11
Aroclor-1268-2	(2)	792919400	760581365	686802638	636628110	612661784	697918659	11
Aroclor-1268-3	(3)	673906890	627904940	569259908	523691860	505189009	579990521	12
Aroclor-1268-4	(4)	262772550	256240655	230264760	210831920	201799756	232381928	12
Aroclor-1268-5	(5)	1884061310	1784761040	1638320858	1520636569	1483204471	1662196849	10
DCB		8060966100	7515239050	6769809200	6202952513	5888748550	6887543083	13
TCX		8589194400	8040753200	7212303650	6653681875	6289940125	7357174650	13

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02
Lab Code: CHEM **Case No.:** Q1837 **SAS No.:** Q1837 **SDG NO.:** Q1837
Instrument ID: ECD_Q
Calibration Date(s): 04/09/2025 04/09/2025
Calibration Times: 09:41 19:09
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PQ070136.D</u>		CF 200 = <u>PQ070137.D</u>			
CF 400 = <u>PQ070138.D</u>		CF 800 = <u>PQ070139.D</u>		CF 1600 = <u>PQ070140.D</u>			
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	% RSD
Aroclor-1016-1	(1)	267706380	240149510	215617863	195076538	184368240	220583706
Aroclor-1016-2	(2)	398799990	357631625	325418048	297729016	288608279	333637392
Aroclor-1016-3	(3)	223358650	200653035	179940028	163355350	157299829	184921378
Aroclor-1016-4	(4)	198859160	177775385	158179853	140714338	132415214	161588790
Aroclor-1016-5	(5)	241987510	211088515	190979875	171021975	163239005	195663376
Aroclor-1260-1	(1)	423427040	379556595	344405948	318514340	305369473	354254679
Aroclor-1260-2	(2)	504309150	457295850	416490358	386146059	370486350	426945553
Aroclor-1260-3	(3)	476308260	428023580	391463698	363603344	352197272	402319231
Aroclor-1260-4	(4)	420036920	372615210	343535138	317648710	308142144	352395624
Aroclor-1260-5	(5)	907130970	841414240	756997773	744475633	733281271	796659977
DCB		6535604400	5852947600	5380023725	5035407675	4899016056	5540599891
TCX		8131999400	7443437200	6888261700	6456898025	6236661550	7031451575
Aroclor-1221-1	(1)	102650310	94151785	83595913	78608001	72942361	86389674
Aroclor-1221-2	(2)	73994600	65421480	59864215	55348631	51783409	61282467
Aroclor-1221-3	(3)	233765870	208136675	189628173	172930146	159329051	192757983
DCB		6481435000	5883893900	5370720450	5098018588	4889196425	5544652873
TCX		8099340600	7346610500	6739527150	6418585575	6192109800	6959234725
Aroclor-1232-1	(1)	188507030	173261055	152964000	138815121	125676611	155844763
Aroclor-1232-2	(2)	186302530	168460415	152863605	139764006	131031050	155684321
Aroclor-1232-3	(3)	102354730	89756075	82396380	76131875	70310489	84189910
Aroclor-1232-4	(4)	90000150	77455130	71377800	64871604	59285185	72597974
Aroclor-1232-5	(5)	102278410	86074350	79274728	72168070	66629351	81284982
DCB		6704351200	5925502000	5536721775	5152150500	4915175206	5646780136
TCX		8087265800	7461421900	6837631050	6455598150	6187239325	7005831245
Aroclor-1242-1	(1)	226399990	205837620	177449193	161209293	157327211	185644661
Aroclor-1242-2	(2)	335014360	304161420	272261593	247436299	242587584	280292251
Aroclor-1242-3	(3)	185128690	170203865	149501653	137477609	133187764	155099916
Aroclor-1242-4	(4)	176767690	162934115	141567113	128493226	122068773	146366183
Aroclor-1242-5	(5)	221216690	204998190	179077545	163439771	157983109	185343061
DCB		6656627800	6224051750	5490437225	5145624225	5056216013	5714591403
TCX		8176444800	7734070000	6988443300	6539849375	6448004175	7177362330
Aroclor-1248-1	(1)	172551350	150026530	138233948	125131790	114679439	140124611
Aroclor-1248-2	(2)	265596080	226910660	211885993	190284878	174331772	213801876
Aroclor-1248-3	(3)	259487790	220864925	205843245	185130823	169614557	208188268

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	316203260	265890980	249991765	226792396	209369018	253649484	16
Aroclor-1248-5	(5)	307761630	261844580	245137418	223445620	208434931	249324836	15
DCB		6821876300	6330252400	5590001050	5286447313	4894995394	5784714491	14
TCX		8587323200	7625509300	7220146150	6689572525	6364480838	7297406403	12
Aroclor-1254-1	(1)	452232520	415810180	374659888	327881964	312113079	376539526	16
Aroclor-1254-2	(2)	401965440	368052650	329043383	286694086	271991447	331549401	16
Aroclor-1254-3	(3)	630751260	583781200	524959120	461083610	447915403	529698119	15
Aroclor-1254-4	(4)	377369540	350771460	319312268	281666679	274425016	320708993	14
Aroclor-1254-5	(5)	567209870	531535745	480961875	428681108	408777653	483433250	14
DCB		6718161800	6274237100	5623043850	5080971700	4863532681	5711989426	14
TCX		8302043200	7742535400	7146211800	6364580475	6193526938	7149779563	13
Aroclor-1262-1	(1)	549175570	526412150	484975778	432665170	423525525	483350839	11
Aroclor-1262-2	(2)	503484530	509047360	445327908	417300923	395341229	454100390	11
Aroclor-1262-3	(3)	433072560	385250720	348805213	315340720	311690518	358831946	14
Aroclor-1262-4	(4)	724255690	649670675	633651833	571123538	580952826	631930912	10
Aroclor-1262-5	(5)	321409280	315736790	301302245	275456958	273716904	297524435	7
DCB		6270711900	6081579900	5487790150	5051265950	4893711225	5557011825	11
TCX		7650151400	7163812600	6960953350	6105068425	6217091550	6819415465	10
Aroclor-1268-1	(1)	1172688790	1110342955	997292465	922425329	892346753	1019019258	12
Aroclor-1268-2	(2)	1059649520	1014686725	902528473	848879576	827722193	930693297	11
Aroclor-1268-3	(3)	970600990	891422115	828495370	744677306	719980218	831035200	12
Aroclor-1268-4	(4)	392452430	378314640	345218365	319673034	305341517	348199997	11
Aroclor-1268-5	(5)	2931717850	2702209675	2458251545	2289988123	2235926499	2523618738	12
DCB		12477463300	11548770550	10490532075	9472314313	9012424938	10600301035	14
TCX		7945200600	7733277400	6856583350	6386768525	6064278800	6997221735	12



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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
		1				
		2				
		3				
		4				
		5				

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
 Data File : PQ070136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 09:41
 Operator : YP\AJ
 Sample : AR1660ICC100
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16601038

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:12:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:02:03 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	42266835	40659997	5.788	5.783
2) SA Decachlor...	8.503	7.547	38520410	65356044	11.356	11.796
Target Compounds						
3) L1 AR-1016-1	4.484	3.785	24976305	26770638	119.443	121.363
4) L1 AR-1016-2	4.503	3.801	38497669	39879999	117.633	119.531
5) L1 AR-1016-3	4.561	3.961	24452746	22335865	118.765	120.786
6) L1 AR-1016-4	4.651	4.010	20040498	19885916	118.913	123.065
7) L1 AR-1016-5	4.935	4.205	19489269	24198751	118.574	123.675
31) L7 AR-1260-1	6.025	5.199	34459777	42342704	119.013	119.526
32) L7 AR-1260-2	6.281	5.387	40334507	50430915	119.848	118.120
33) L7 AR-1260-3	6.632	5.529	30003739	47630826	116.659	118.391
34) L7 AR-1260-4	6.845	5.990	33532159	42003692	117.787	119.195
35) L7 AR-1260-5	7.151	6.233	62622463	90713097	114.180	113.867

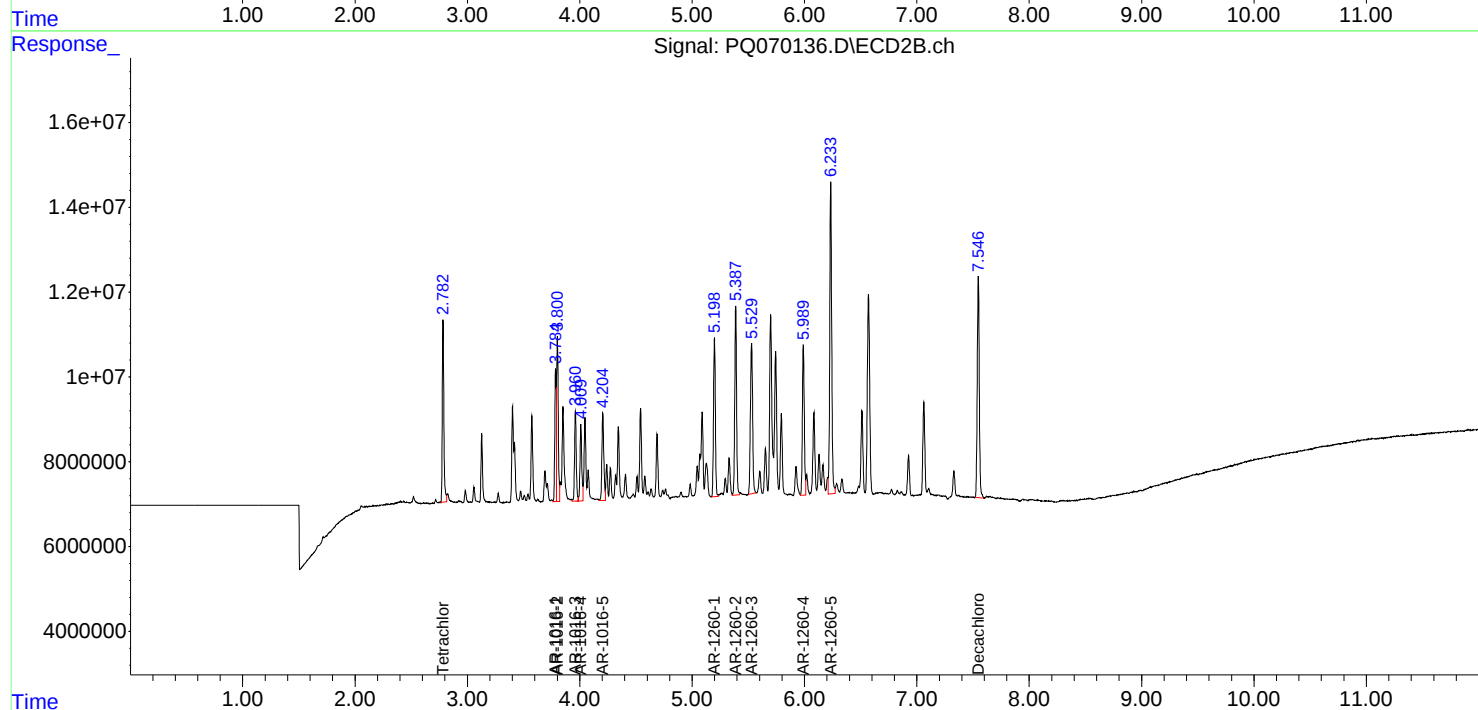
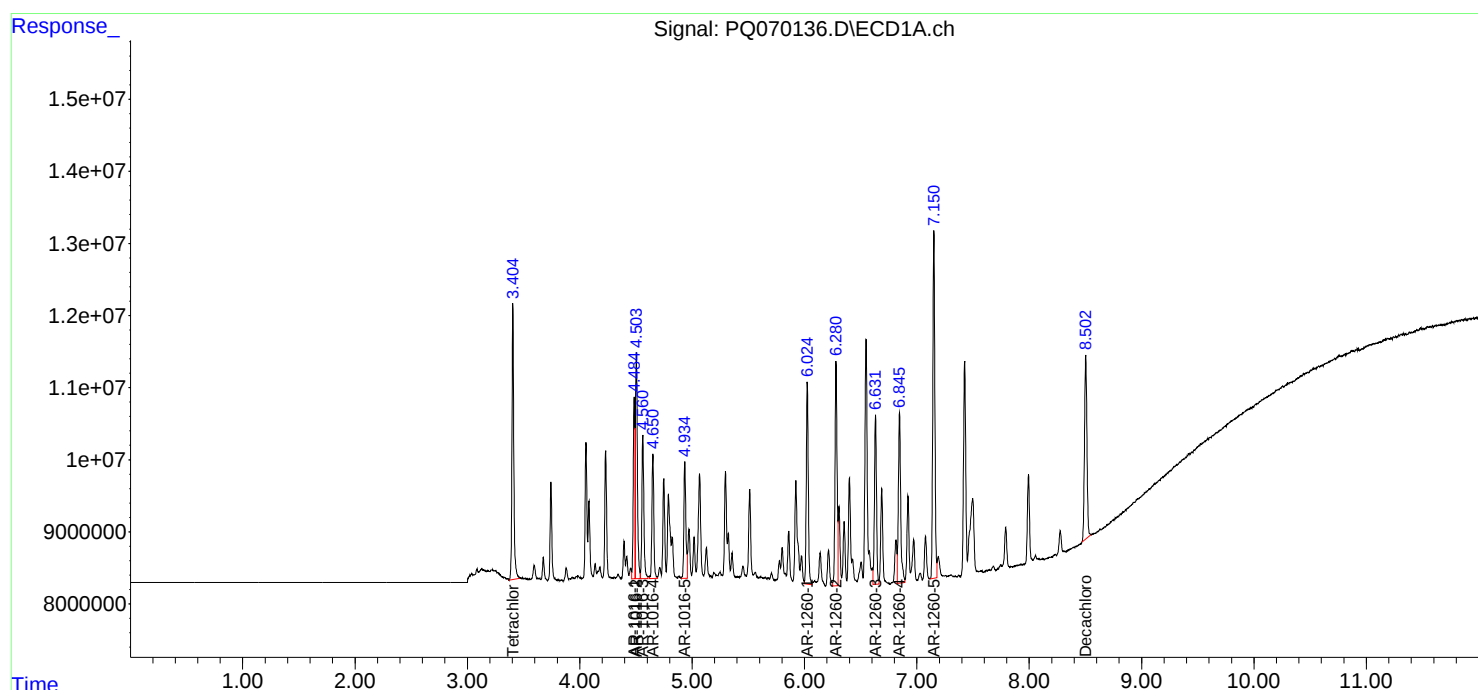
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 09:41
Operator : YP\AJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16601038

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:12:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:02:03 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\PQ040925\
 Data File : PQ070137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 09:55
 Operator : YP\AJ
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16602039

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:09:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:02:03 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	2.783	78030856	74434372	11.124	11.017
2) SA Decachlor...	8.504	7.547	72337147	117.1E6	22.073	22.121
Target Compounds						
3) L1 AR-1016-1	4.485	3.785	44955030	48029902	225.971	230.025
4) L1 AR-1016-2	4.503	3.801	70292150	71526325	224.690	225.389
5) L1 AR-1016-3	4.562	3.961	44152985	40130607	225.003	228.910
6) L1 AR-1016-4	4.651	4.010	36222012	35555077	225.595	233.498
7) L1 AR-1016-5	4.935	4.205	35354396	42217703	225.573	229.341
31) L7 AR-1260-1	6.025	5.199	61553050	75911319	223.194	225.282
32) L7 AR-1260-2	6.281	5.388	71167878	91459170	222.506	224.382
33) L7 AR-1260-3	6.632	5.529	54964915	85604716	222.999	223.032
34) L7 AR-1260-4	6.846	5.990	60052790	74523042	220.762	222.135
35) L7 AR-1260-5	7.152	6.235	115.7E6	168.3E6	218.769	218.821

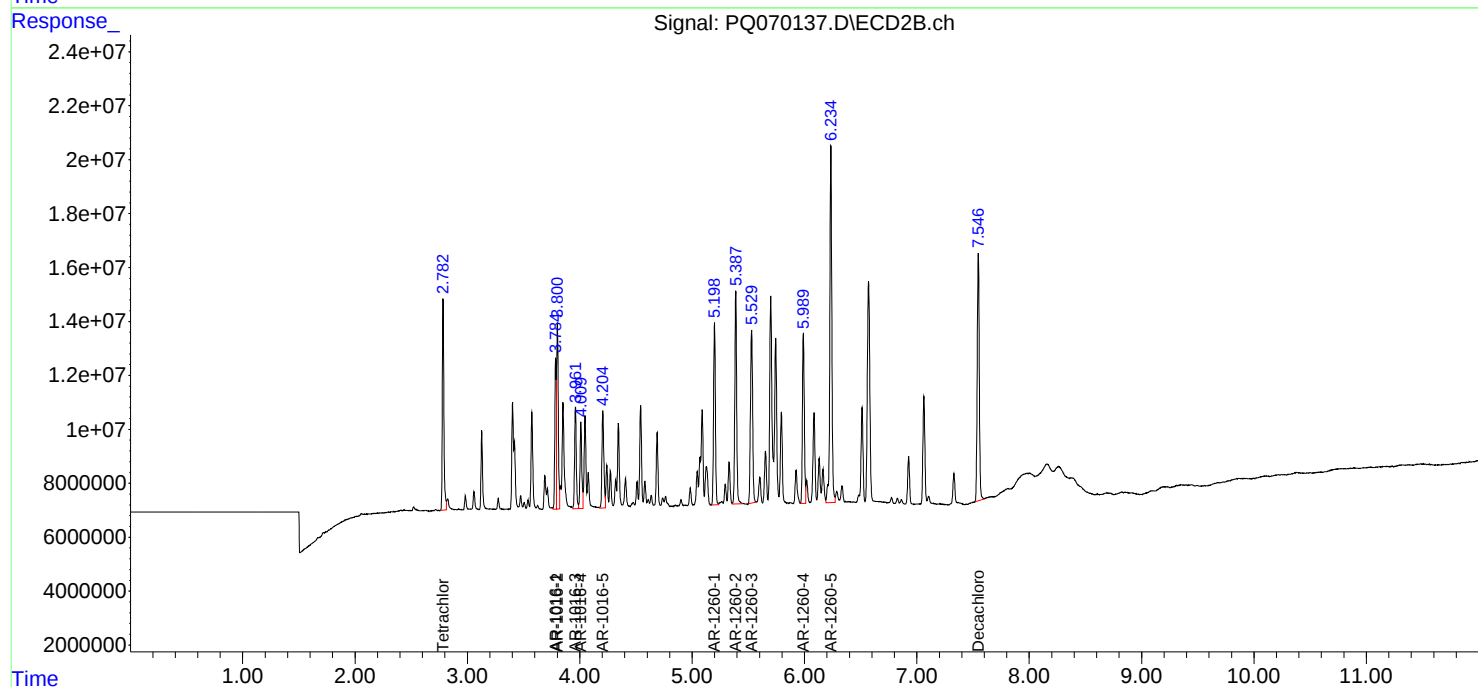
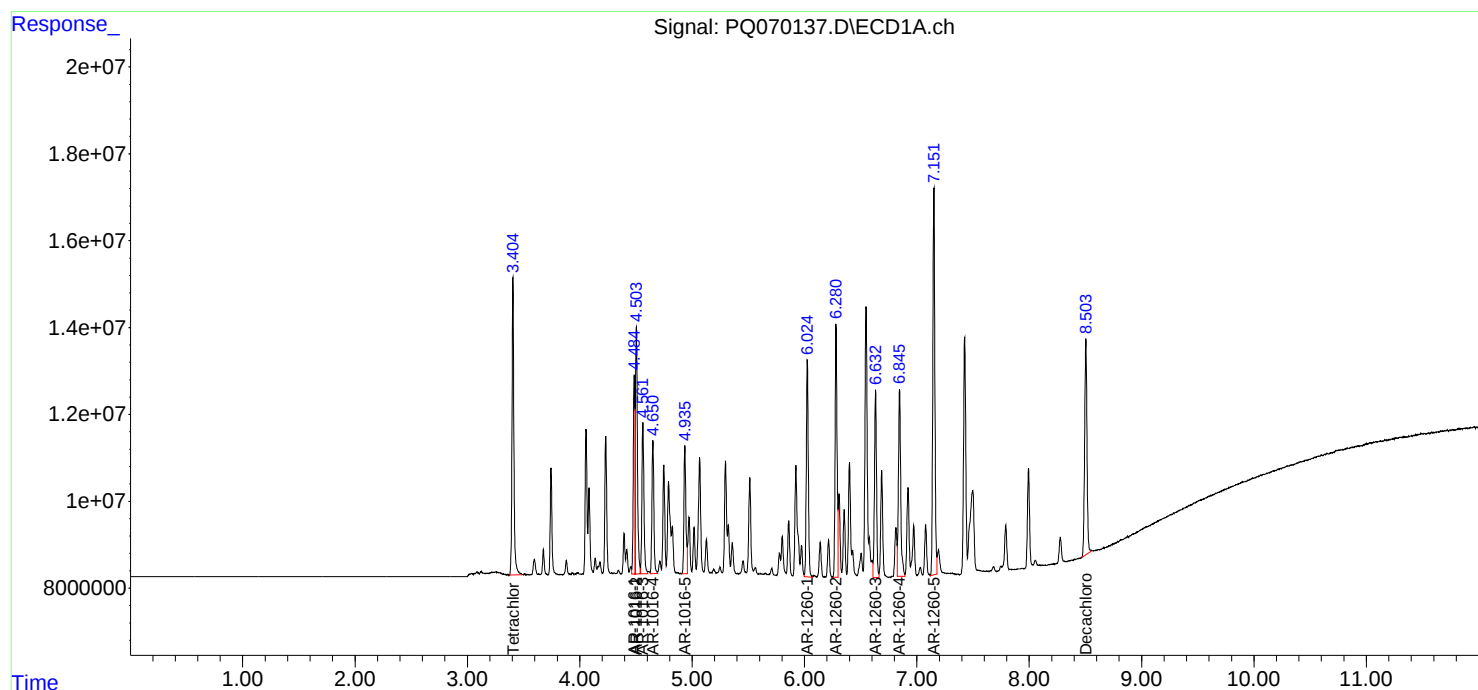
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070137.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16602039

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:02:03 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\PQ040925\
 Data File : PQ070138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 10:10
 Operator : YP\AJ
 Sample : AR1660ICC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603040

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:02:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:02:03 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	143.3E6	137.8E6	20.000	20.000
2) SA Decachlor...	8.502	7.546	134.7E6	215.2E6	40.000	40.000
Target Compounds						
3) L1 AR-1016-1	4.484	3.785	81662086	86247145	400.000	400.000
4) L1 AR-1016-2	4.503	3.800	129.5E6	130.2E6	400.000	400.000
5) L1 AR-1016-3	4.561	3.961	81749560	71976011	400.000	400.000
6) L1 AR-1016-4	4.651	4.009	66289408	63271941	400.000	400.000
7) L1 AR-1016-5	4.935	4.205	65066140	76391950	400.000	400.000
31) L7 AR-1260-1	6.025	5.198	113.9E6	137.8E6	400.000	400.000
32) L7 AR-1260-2	6.280	5.387	130.9E6	166.6E6	400.000	400.000
33) L7 AR-1260-3	6.631	5.529	100.9E6	156.6E6	400.000	400.000
34) L7 AR-1260-4	6.845	5.990	112.1E6	137.4E6	400.000	400.000
35) L7 AR-1260-5	7.151	6.234	214.0E6	302.8E6	400.000	400.000

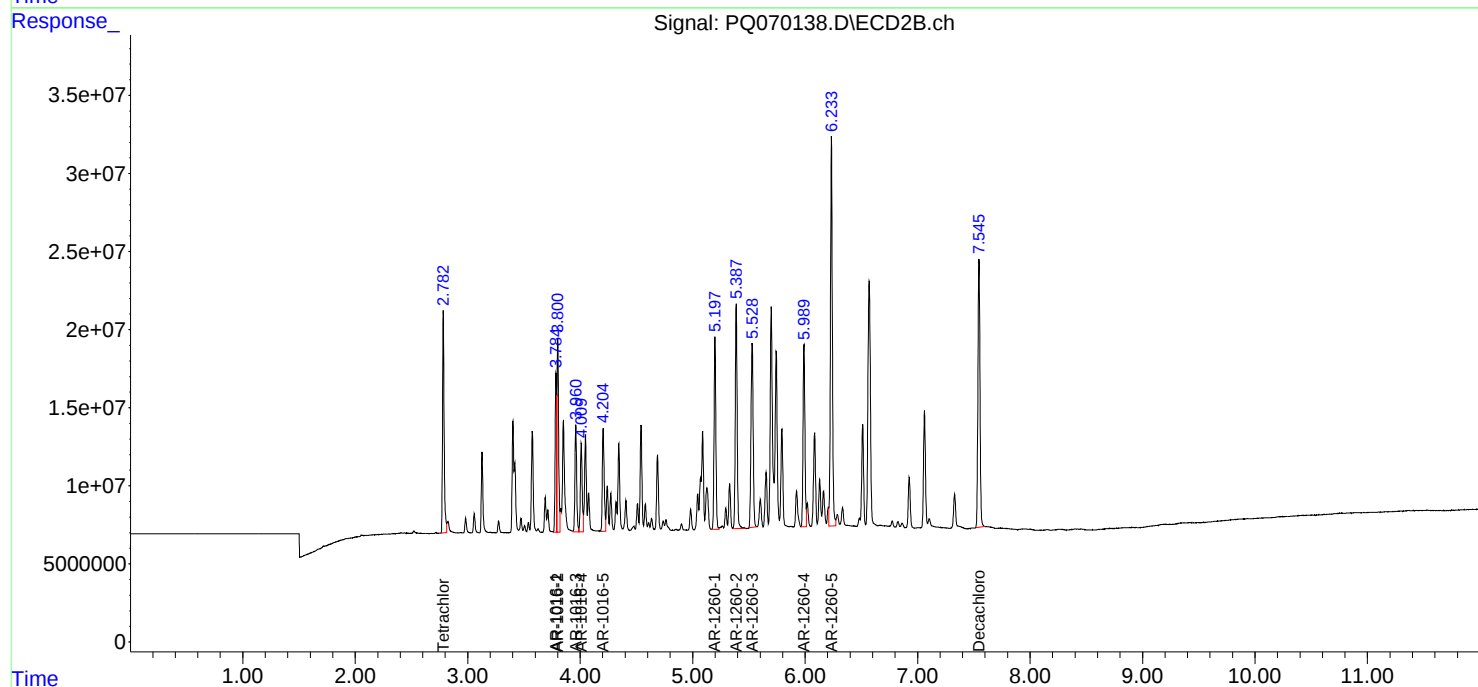
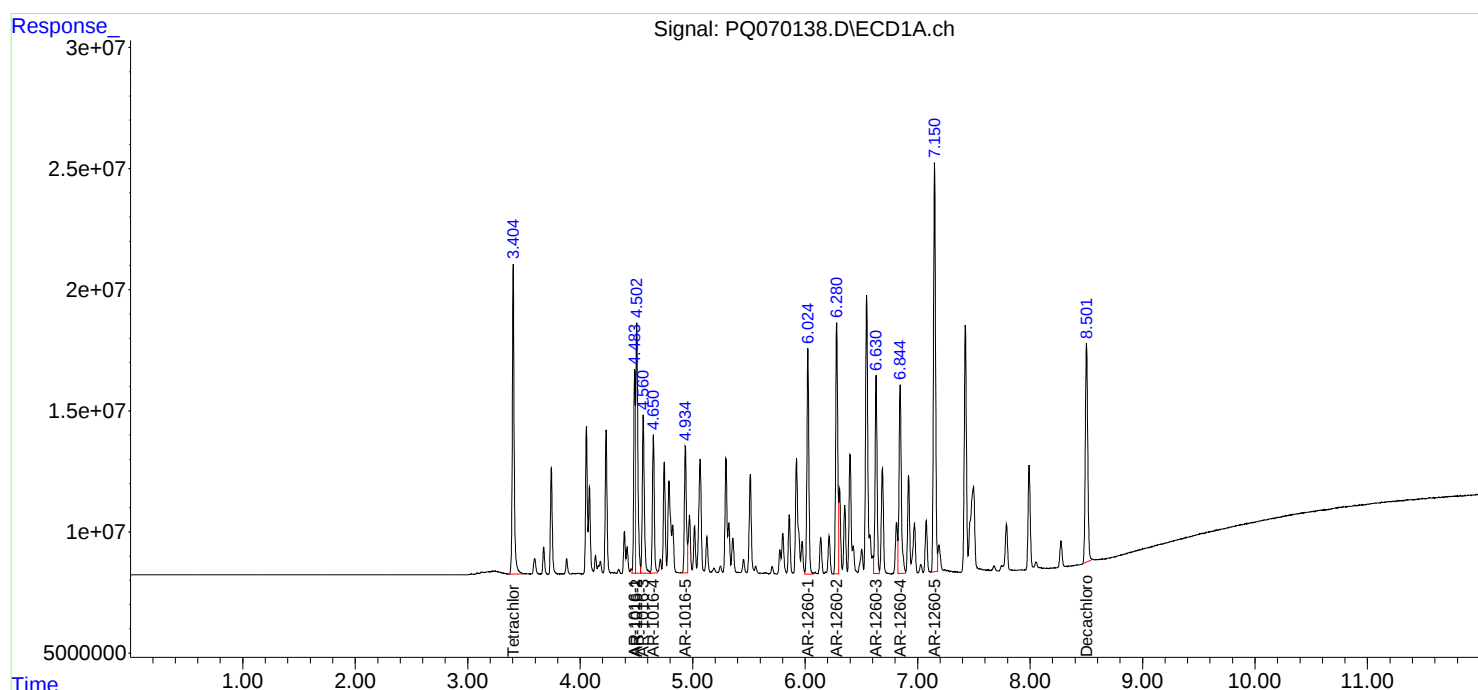
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 10:10
Operator : YP\AJ
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603040

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:02:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:02:03 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\PQ040925\
 Data File : PQ070139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 10:25
 Operator : YP\AJ
 Sample : AR1660ICC800
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16604041

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:07:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:02:03 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	2.783	266.1E6	258.3E6	39.414	39.569
2) SA Decachlor...	8.502	7.547	247.7E6	402.8E6	78.281	78.912
Target Compounds						
3) L1 AR-1016-1	4.485	3.785	148.9E6	156.1E6	782.474	786.781
4) L1 AR-1016-2	4.503	3.801	235.9E6	238.2E6	786.432	783.708
5) L1 AR-1016-3	4.561	3.961	147.7E6	130.7E6	785.525	783.173
6) L1 AR-1016-4	4.650	4.010	121.0E6	112.6E6	787.339	782.998
7) L1 AR-1016-5	4.935	4.205	118.5E6	136.8E6	789.592	781.456
31) L7 AR-1260-1	6.025	5.199	208.0E6	254.8E6	784.477	789.469
32) L7 AR-1260-2	6.281	5.388	242.5E6	308.9E6	787.856	789.986
33) L7 AR-1260-3	6.632	5.530	186.4E6	290.9E6	786.293	788.112
34) L7 AR-1260-4	6.846	5.991	205.8E6	254.1E6	783.797	786.481
35) L7 AR-1260-5	7.151	6.235	402.4E6	595.6E6	785.316	799.525

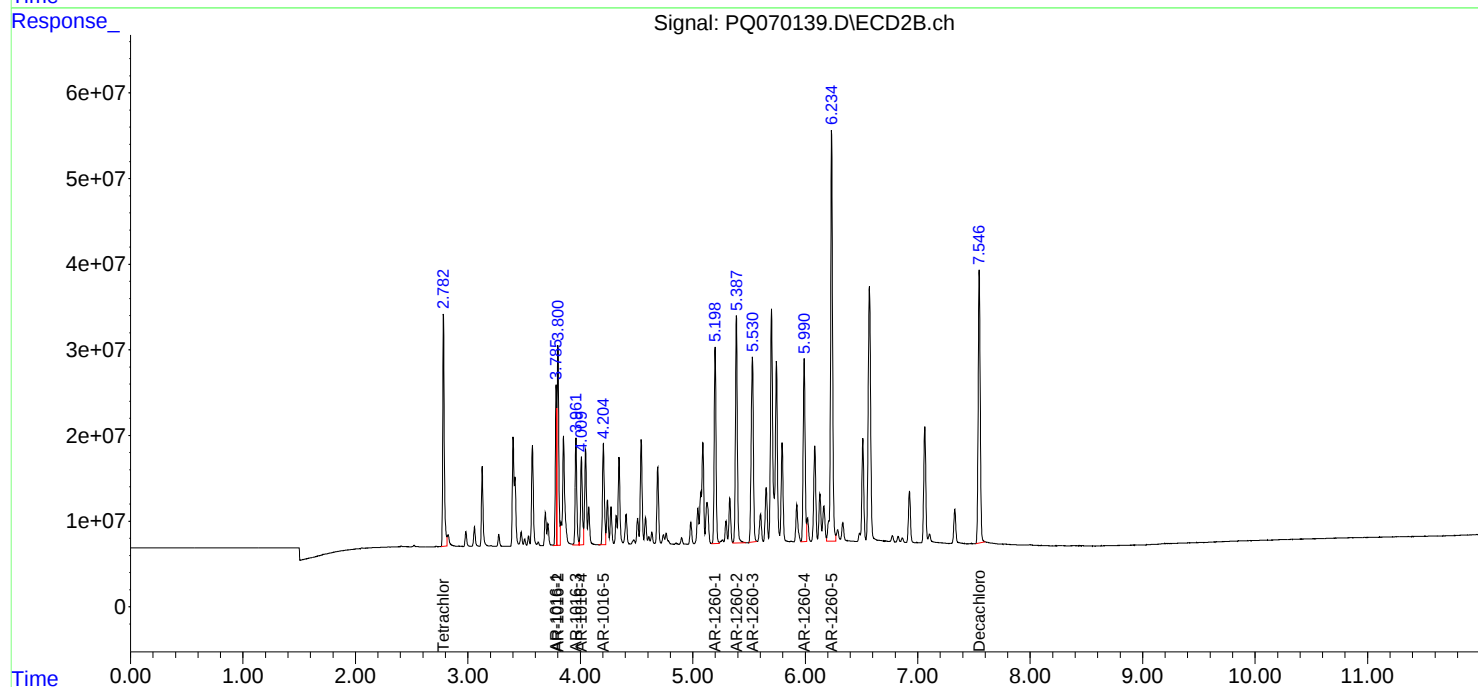
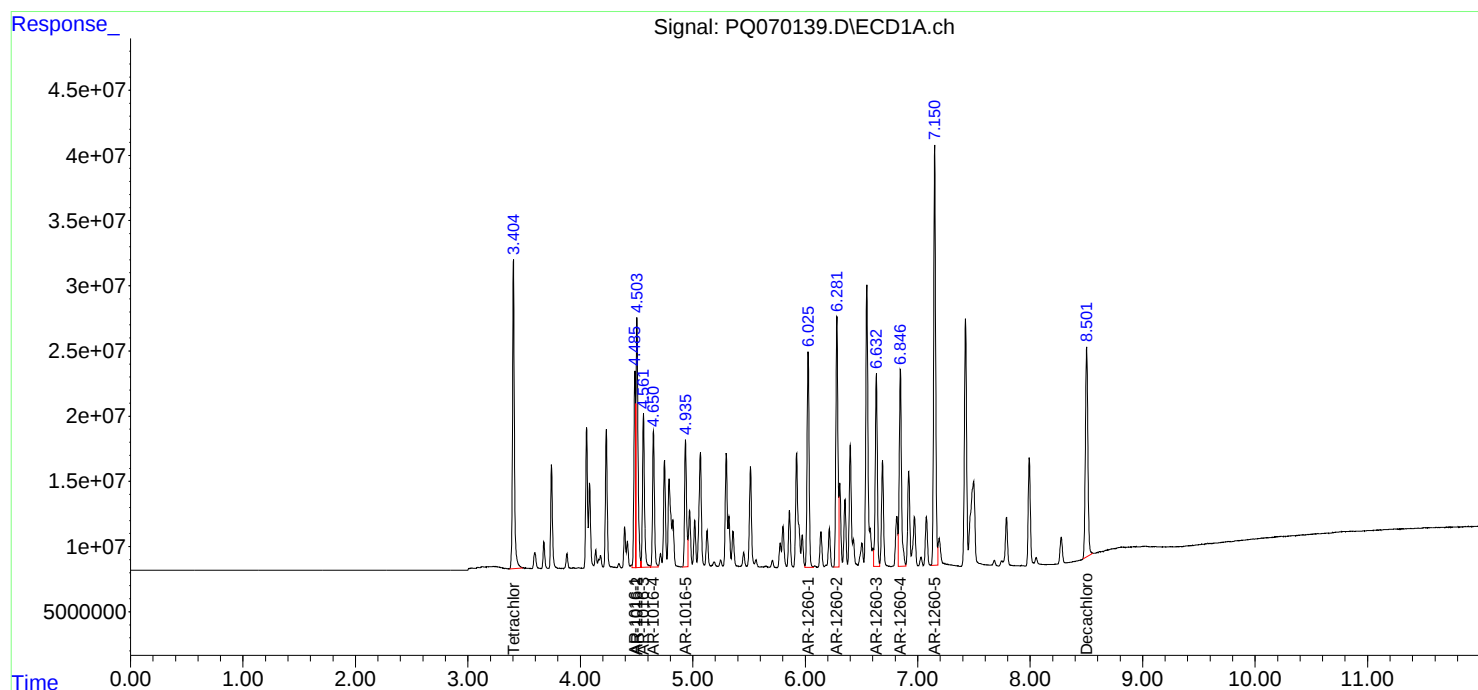
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 10:25
Operator : YP\AJ
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16604041

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:07:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:02:03 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\PQ040925\
 Data File : PQ070140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 10:39
 Operator : YP\AJ
 Sample : AR1660ICC1600
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16605042

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:04:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:02:03 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	2.783	515.1E6	498.9E6	75.745	76.028
2) SA Decachlor...	8.502	7.547	484.5E6	783.8E6	151.521	152.513
Target Compounds						
3) L1 AR-1016-1	4.485	3.785	289.1E6	295.0E6	1502.383	1474.997
4) L1 AR-1016-2	4.503	3.801	449.9E6	461.8E6	1487.370	1504.083
5) L1 AR-1016-3	4.561	3.961	280.2E6	251.7E6	1476.755	1492.586
6) L1 AR-1016-4	4.650	4.010	230.6E6	211.9E6	1488.526	1458.141
7) L1 AR-1016-5	4.935	4.205	223.0E6	261.2E6	1476.702	1474.695
31) L7 AR-1260-1	6.025	5.198	400.9E6	488.6E6	1497.585	1503.877
32) L7 AR-1260-2	6.280	5.388	469.0E6	592.8E6	1512.062	1506.469
33) L7 AR-1260-3	6.631	5.529	361.2E6	563.5E6	1510.939	1515.518
34) L7 AR-1260-4	6.845	5.990	400.4E6	493.0E6	1509.466	1513.103
35) L7 AR-1260-5	7.151	6.234	798.9E6	1173.3E6	1544.688	1574.537

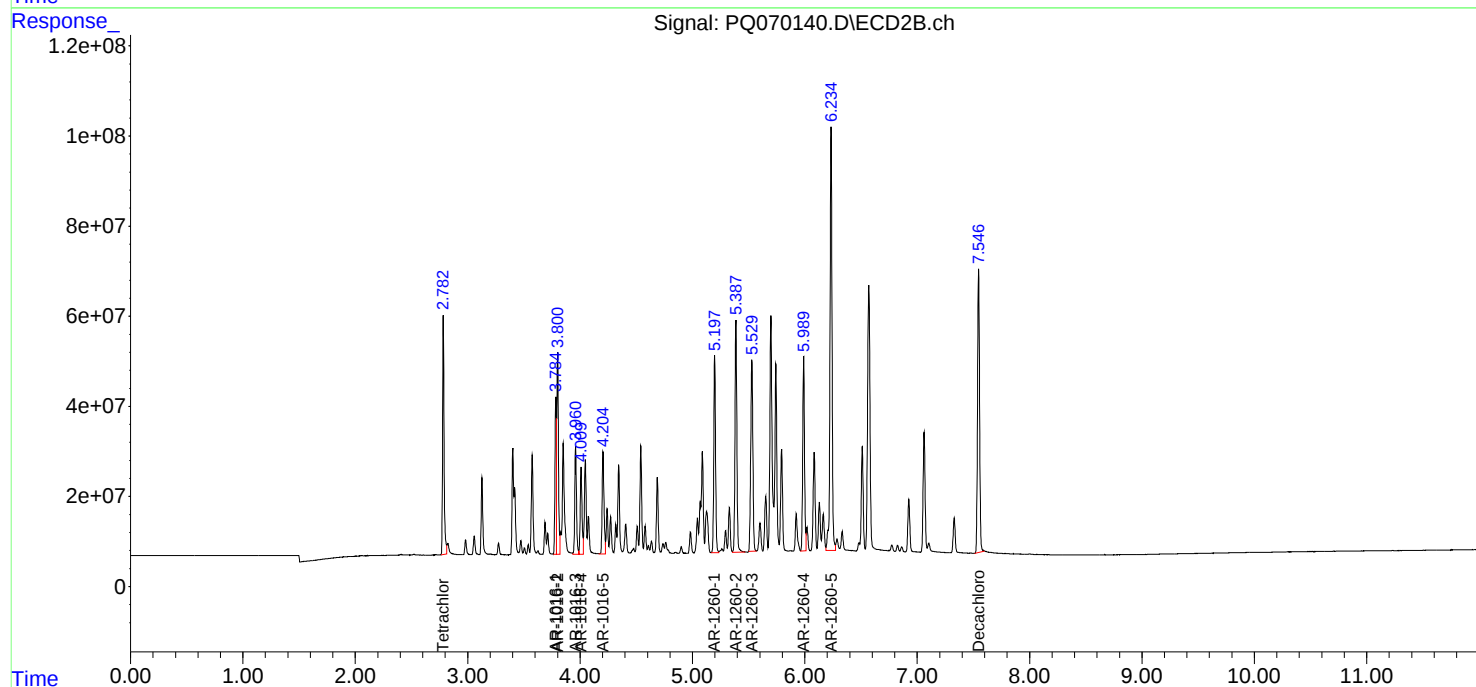
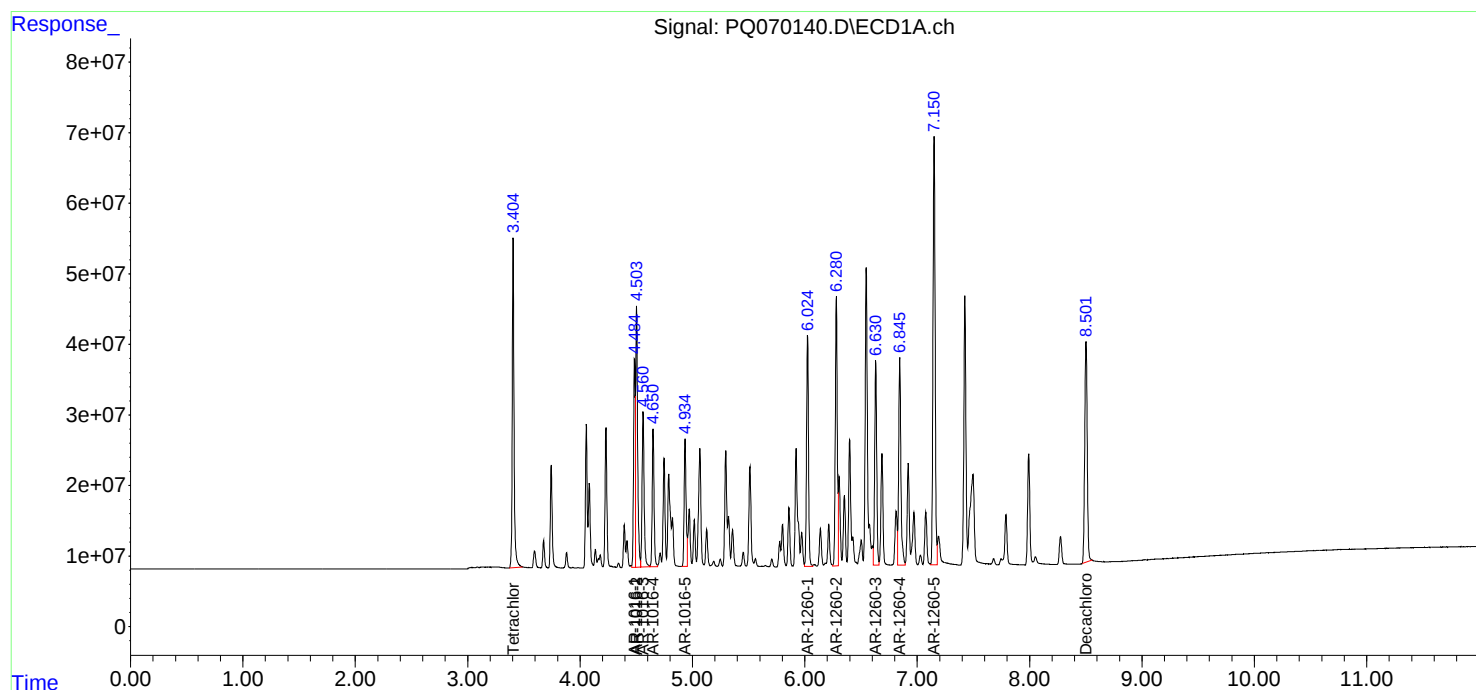
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 10:39
Operator : YP\AJ
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16605042

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:02:03 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\PQ040925\
 Data File : PQ070141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 10:54
 Operator : YP\AJ
 Sample : AR1221ICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12211043

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:40:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:35:47 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	2.783	43390621	40496703	5.387	5.476
2) SA Decachlor...	8.503	7.547	38244029	64814350	10.718	10.963
Target Compounds						
8) L2 AR-1221-1	3.597	2.983	9998559	10265031	109.691	109.826
9) L2 AR-1221-2	3.676	3.059	6904284	7399460	110.782	111.393
10) L2 AR-1221-3	3.743	3.128	23036930	23376587	112.739	111.047

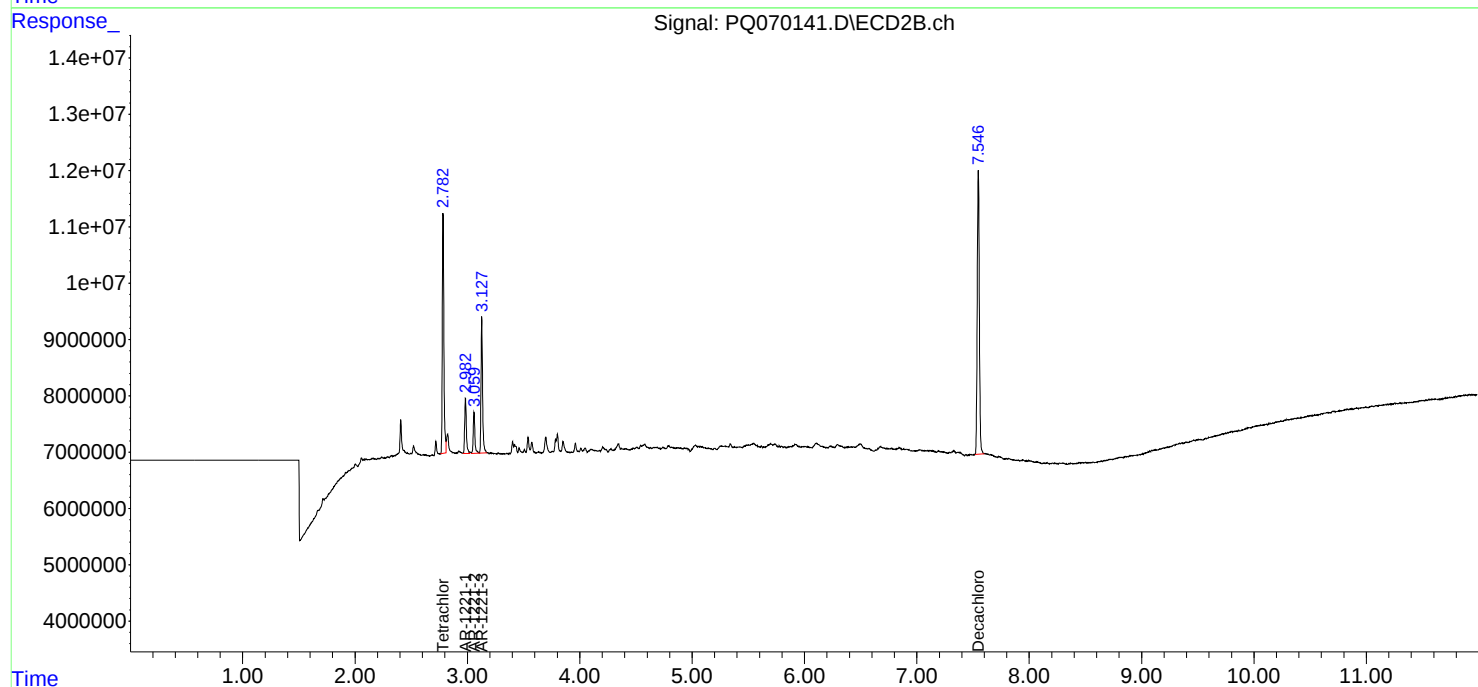
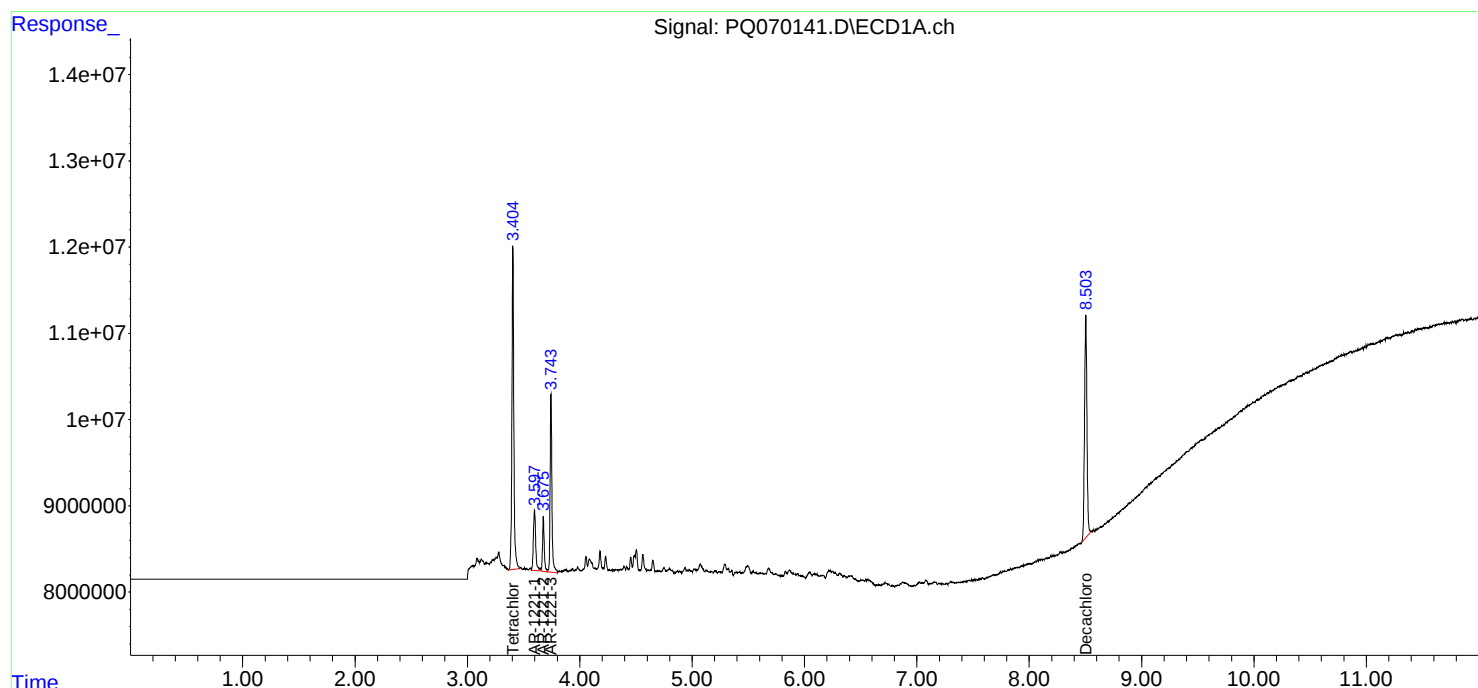
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 10:54
Operator : YP\AJ
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12211043

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:40:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:35:47 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\PQ040925\
 Data File : PQ070142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 11:08
 Operator : YP\AJ
 Sample : AR1221ICC200
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12212044

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:38:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:35:47 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	2.783	80319270	73466105	10.373	10.431
2) SA Decachlor...	8.502	7.547	70434956	117.7E6	20.476	20.912
Target Compounds						
8) L2 AR-1221-1	3.598	2.983	18039885	18830357	207.988	211.877
9) L2 AR-1221-2	3.676	3.059	12236830	13084296	207.532	208.871
10) L2 AR-1221-3	3.744	3.128	39931724	41627335	208.715	209.306

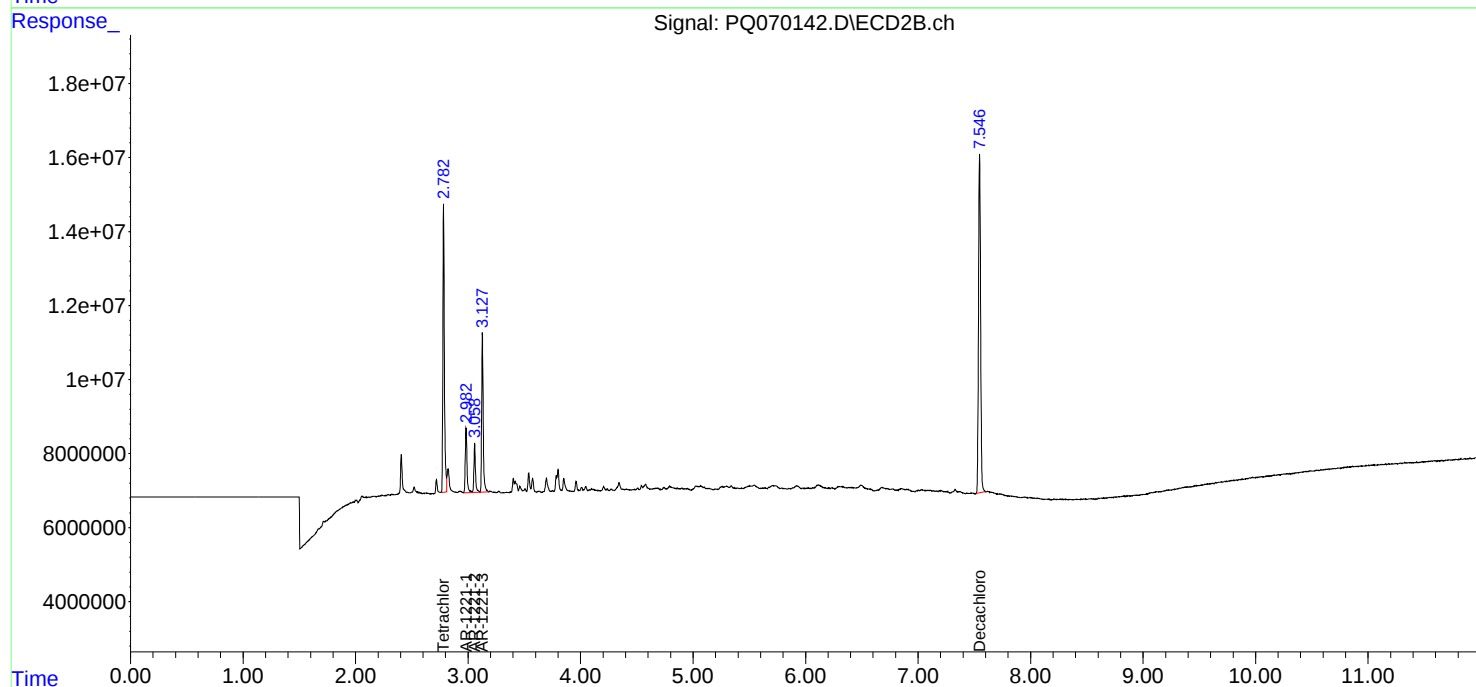
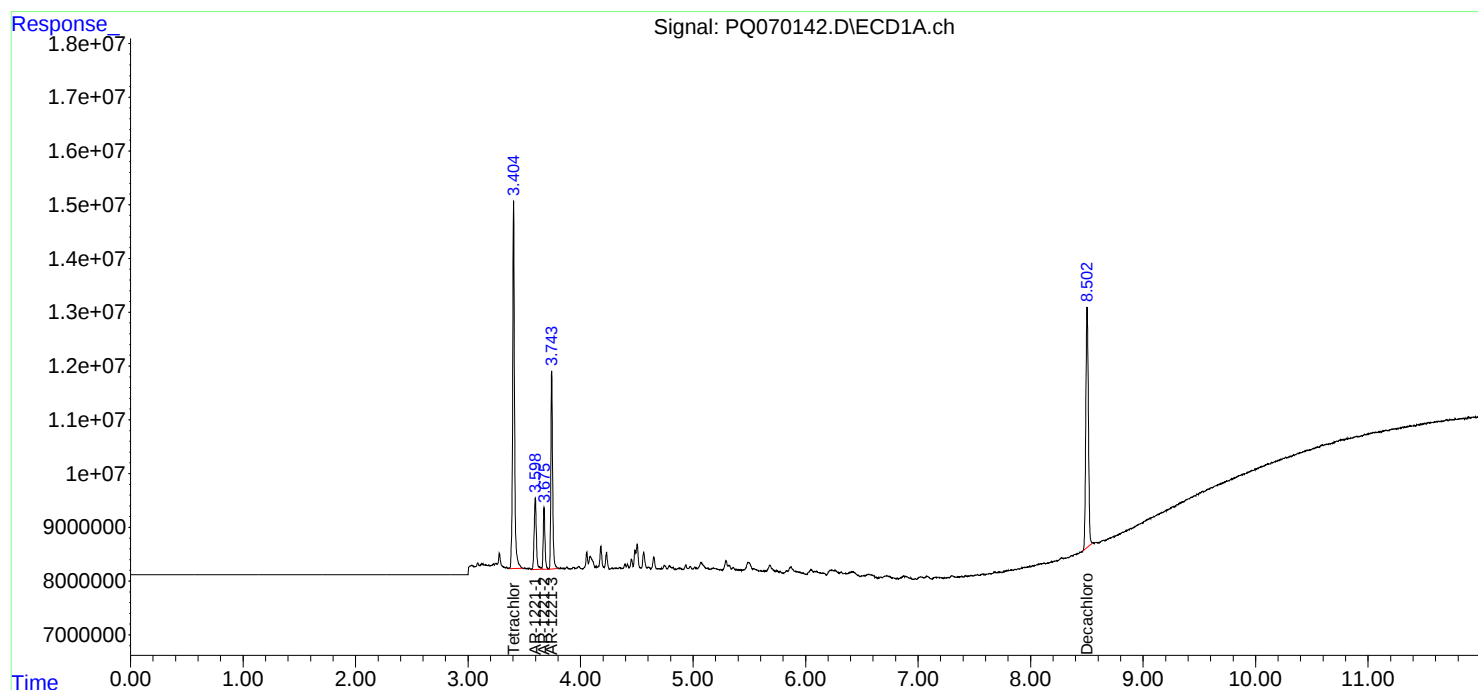
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 11:08
Operator : YP\AJ
Sample : AR1221ICC200
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12212044

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:38:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:35:47 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\PQ040925\
 Data File : PQ070143.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 11:23
 Operator : YP\AJ
 Sample : AR1221ICC400
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12213045

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:36:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:35:47 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	149.1E6	134.8E6	20.000	20.000
2) SA Decachlor...	8.502	7.546	134.3E6	214.8E6	40.000	40.000
Target Compounds						
8) L2 AR-1221-1	3.598	2.982	33308402	33438365	400.000	400.000
9) L2 AR-1221-2	3.676	3.058	22697112	23945686	400.000	400.000
10) L2 AR-1221-3	3.743	3.127	73194146	75851269	400.000	400.000

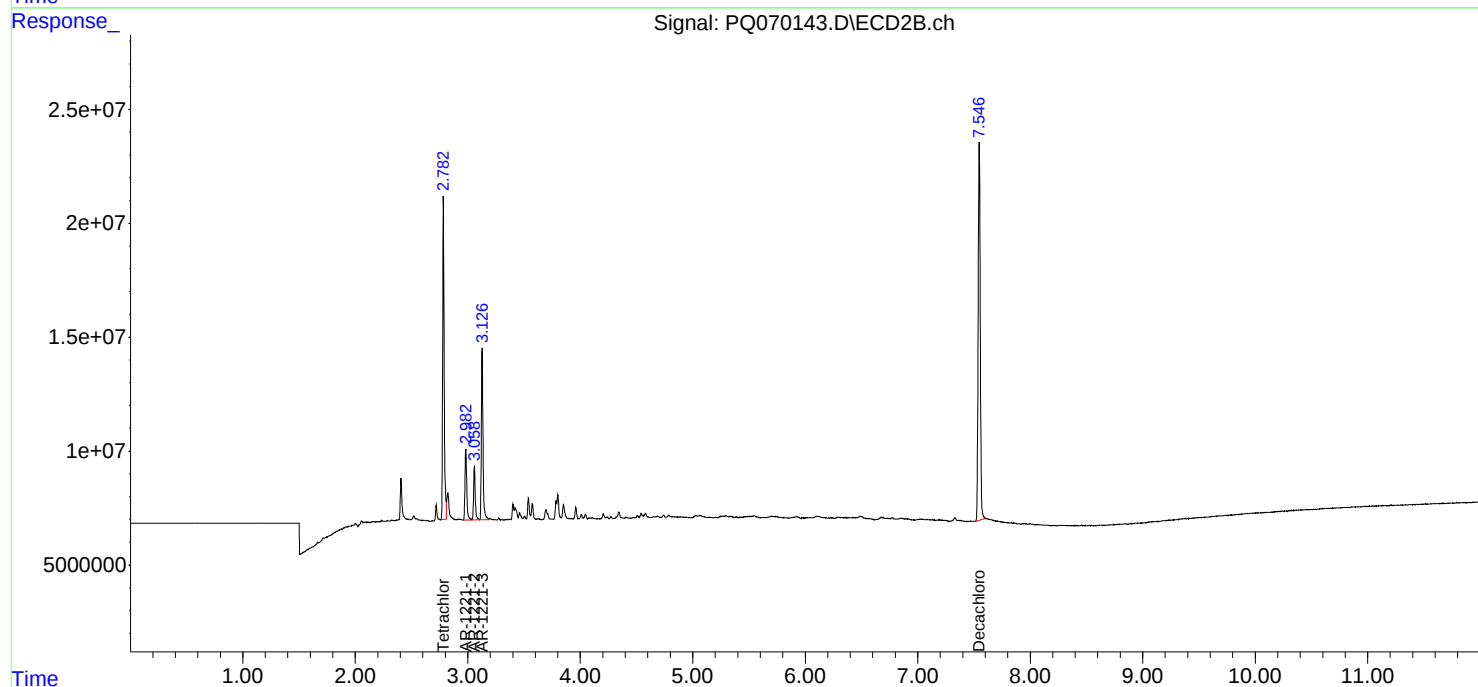
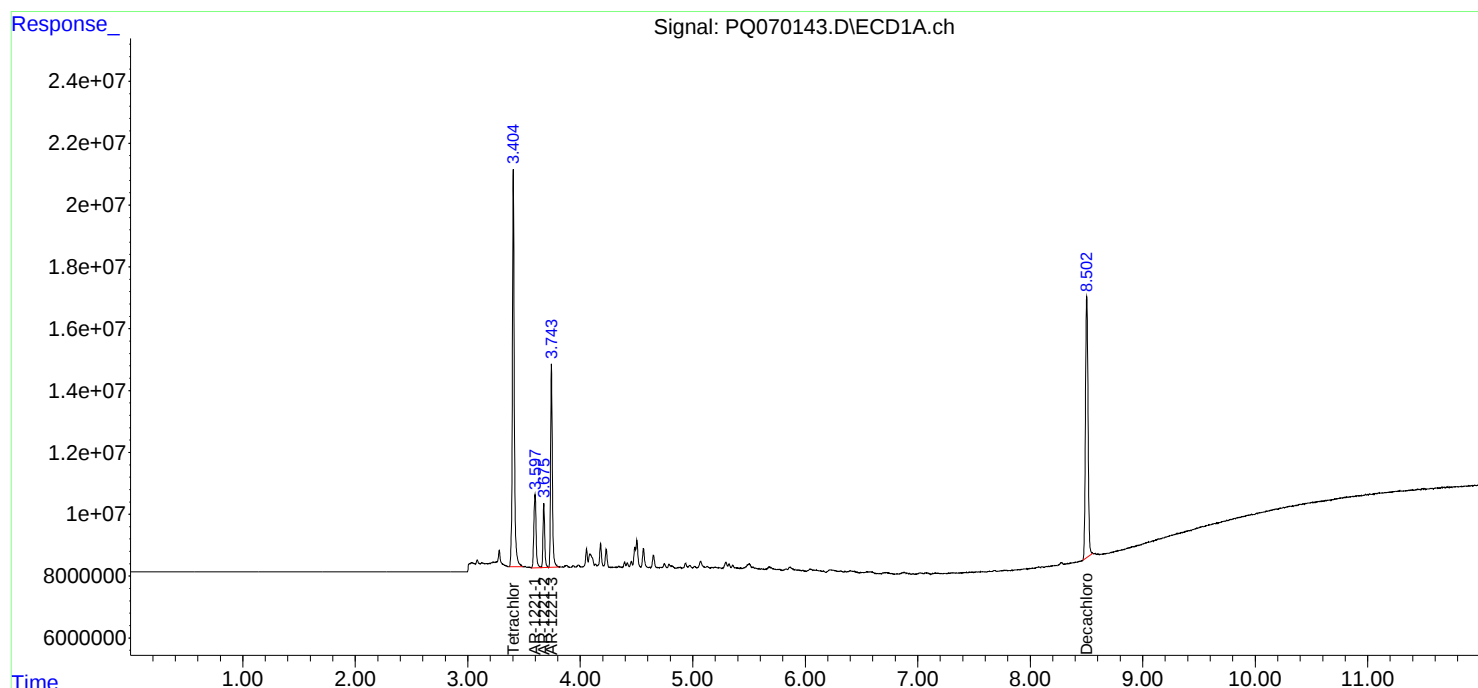
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 11:23
Operator : YP\AJ
Sample : AR1221ICC400
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12213045

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:36:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:35:47 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\PQ040925\
 Data File : PQ070144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 11:37
 Operator : YP\AJ
 Sample : AR1221ICC800
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12214046

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 11:49:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 11:49:02 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	2.783	281.1E6	256.7E6	36.046	35.903
2) SA Decachlor...	8.502	7.546	254.5E6	407.8E6	73.321	71.444
Target Compounds						
8) L2 AR-1221-1	3.598	2.983	61116333	62886401	698.769	700.672
9) L2 AR-1221-2	3.676	3.059	42237760	44278905	704.647	695.583
10) L2 AR-1221-3	3.743	3.127	134.7E6	138.3E6	689.709	687.885

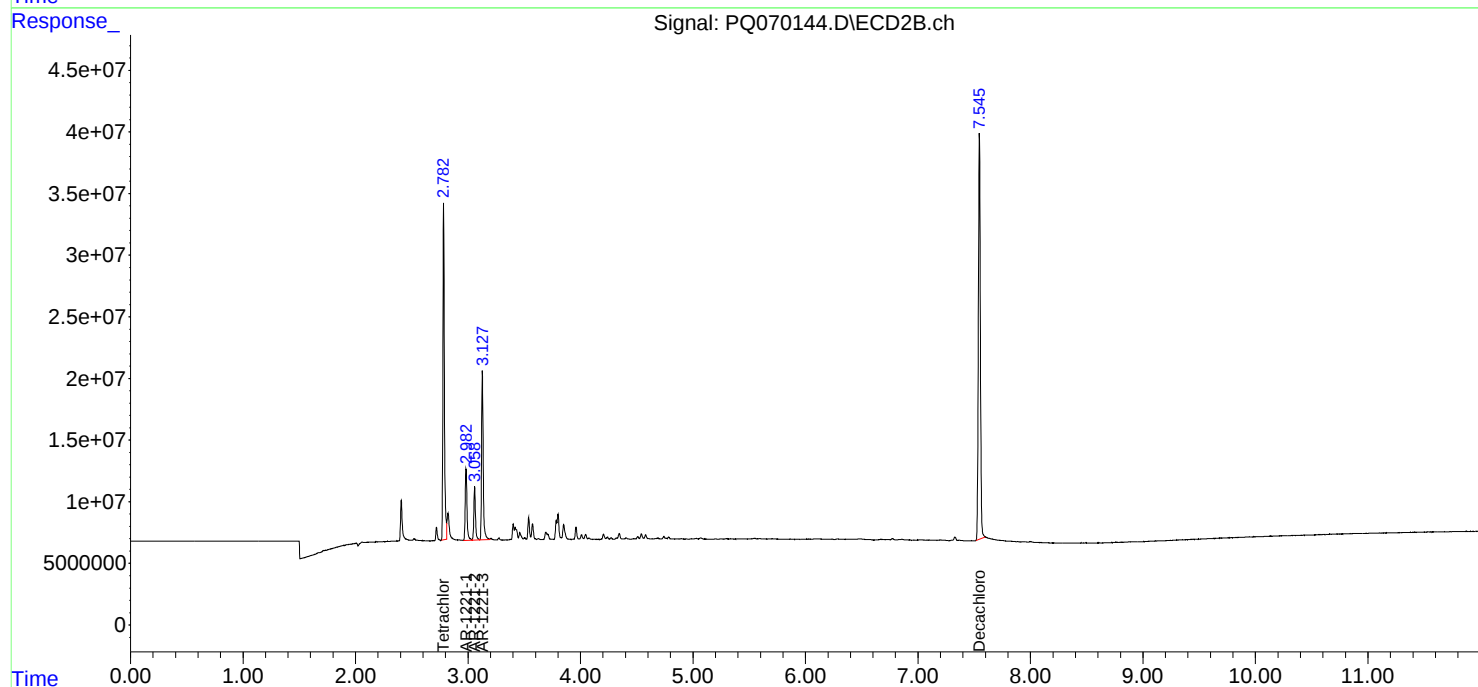
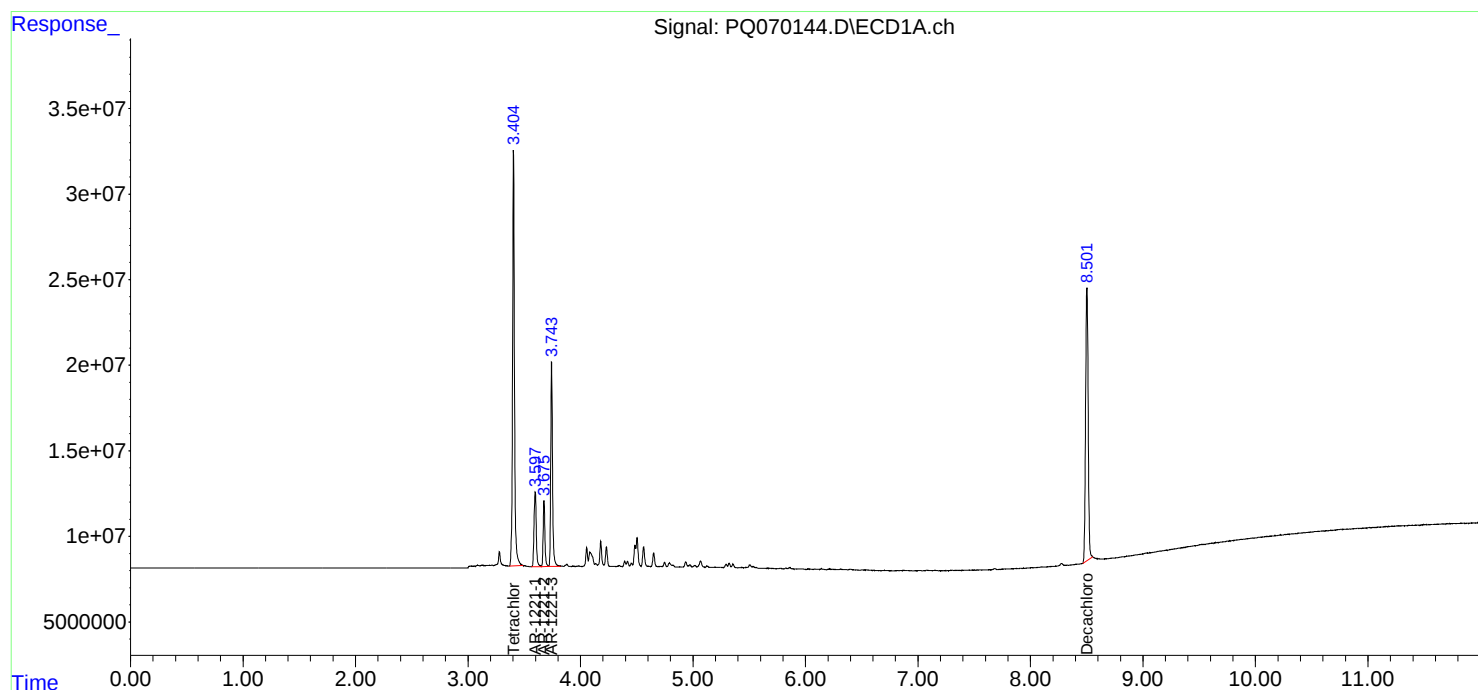
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 11:37
Operator : YP\AJ
Sample : AR1221ICC800
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12214046

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 11:49:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 11:49:02 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\PQ040925\
 Data File : PQ070145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 11:52
 Operator : YP\AJ
 Sample : AR1221ICC1600
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12215047

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 12:04:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 12:04:29 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	2.783	538.1E6	495.4E6	70.955	71.182
2) SA Decachlor...	8.502	7.546	485.3E6	782.3E6	143.429	141.086
Target Compounds						
8) L2 AR-1221-1	3.598	2.983	114.3E6	116.7E6	1356.305	1350.946
9) L2 AR-1221-2	3.675	3.059	78384109	82853455	1357.267	1351.993
10) L2 AR-1221-3	3.743	3.128	248.0E6	254.9E6	1323.988	1322.521

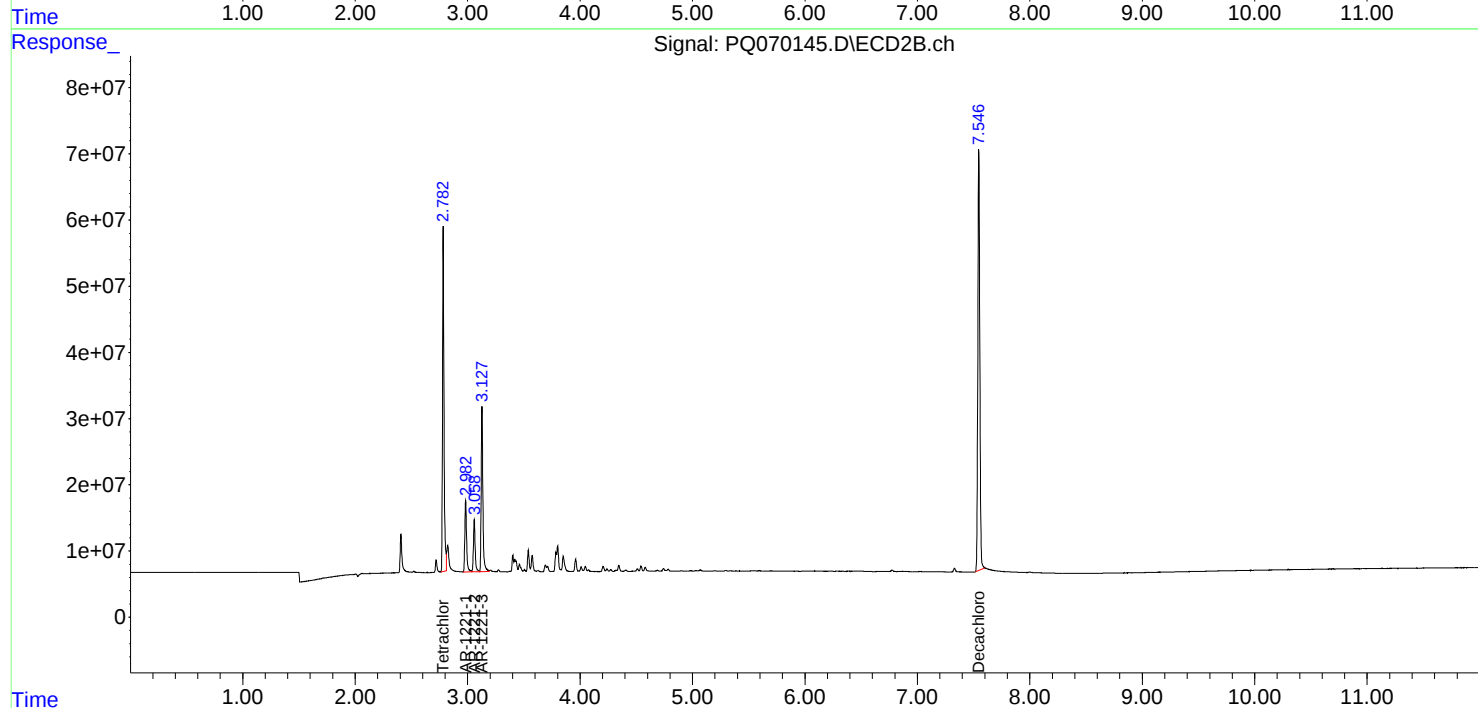
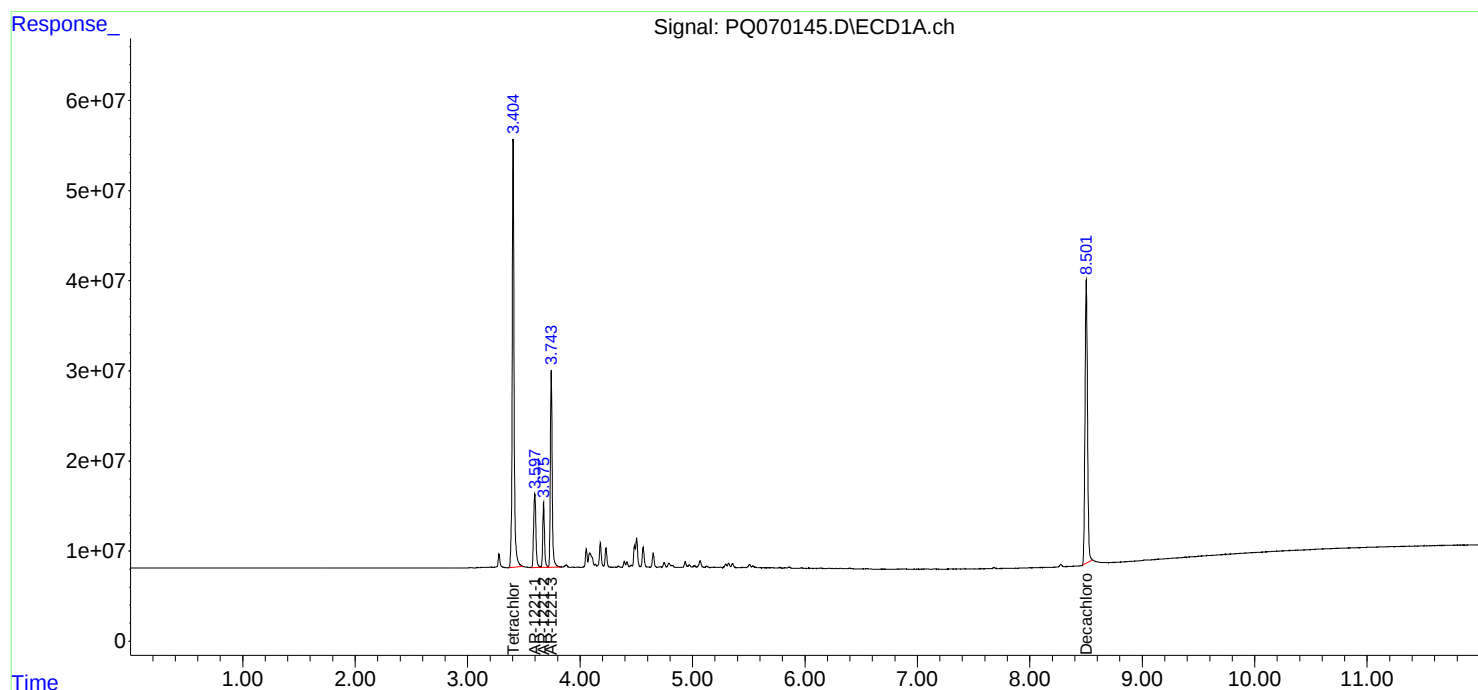
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 11:52
Operator : YP\AJ
Sample : AR1221ICC1600
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12215047

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 12:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 12:04:29 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\PQ040925\
 Data File : PQ070146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 12:07
 Operator : YP\AJ
 Sample : AR1232ICC100
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12321048

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 13:02:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 13:01:53 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	44856927	40436329	5.510	5.419
2) SA Decachlor...	8.502	7.546	39341396	67043512	10.815	11.071
Target Compounds						
11) L3 AR-1232-1	3.743	3.128	17806642	18850703	110.269	109.867
12) L3 AR-1232-2	4.231	3.801	10358451	18630253	113.455	110.102
13) L3 AR-1232-3	4.503	3.961	18202428	10235473	109.525	111.860
14) L3 AR-1232-4	4.651	4.047	9464571	9000015	111.157	113.050
15) L3 AR-1232-5	4.748	4.204	6310138	10227841	111.771	114.650

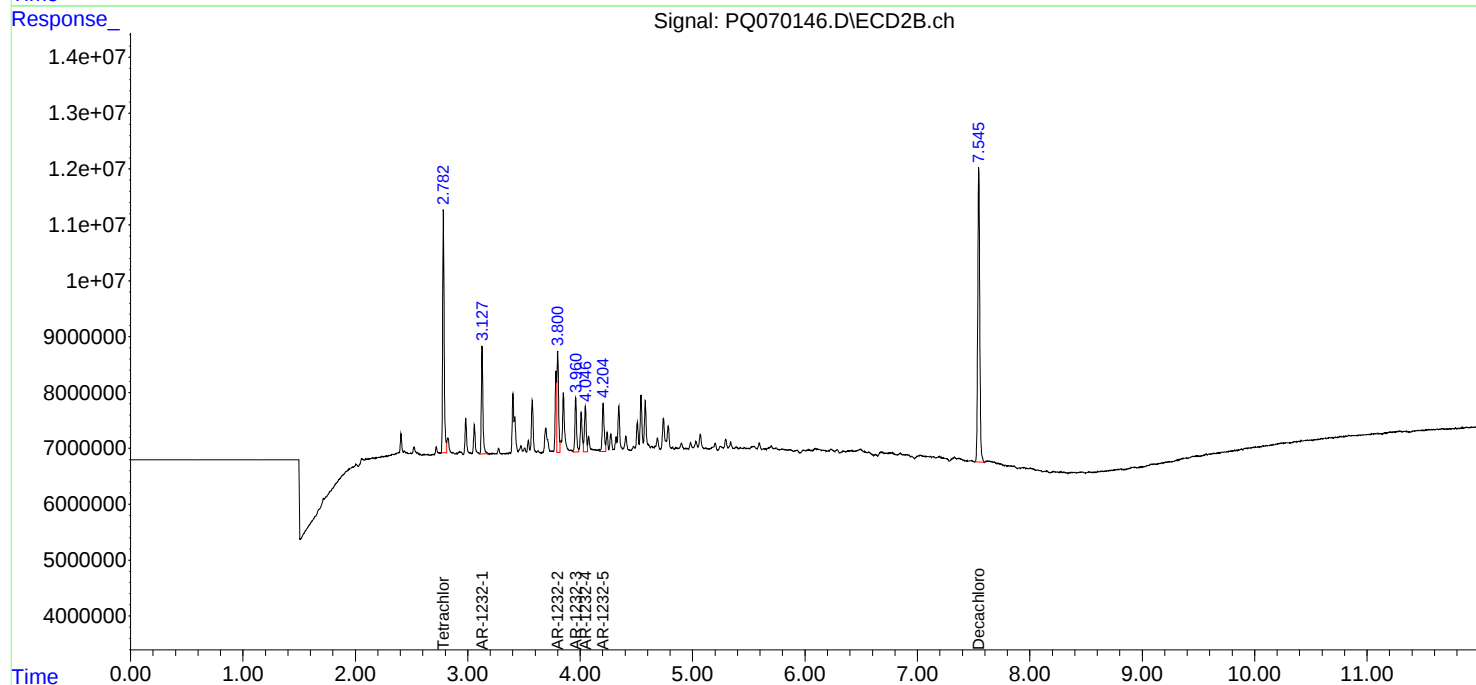
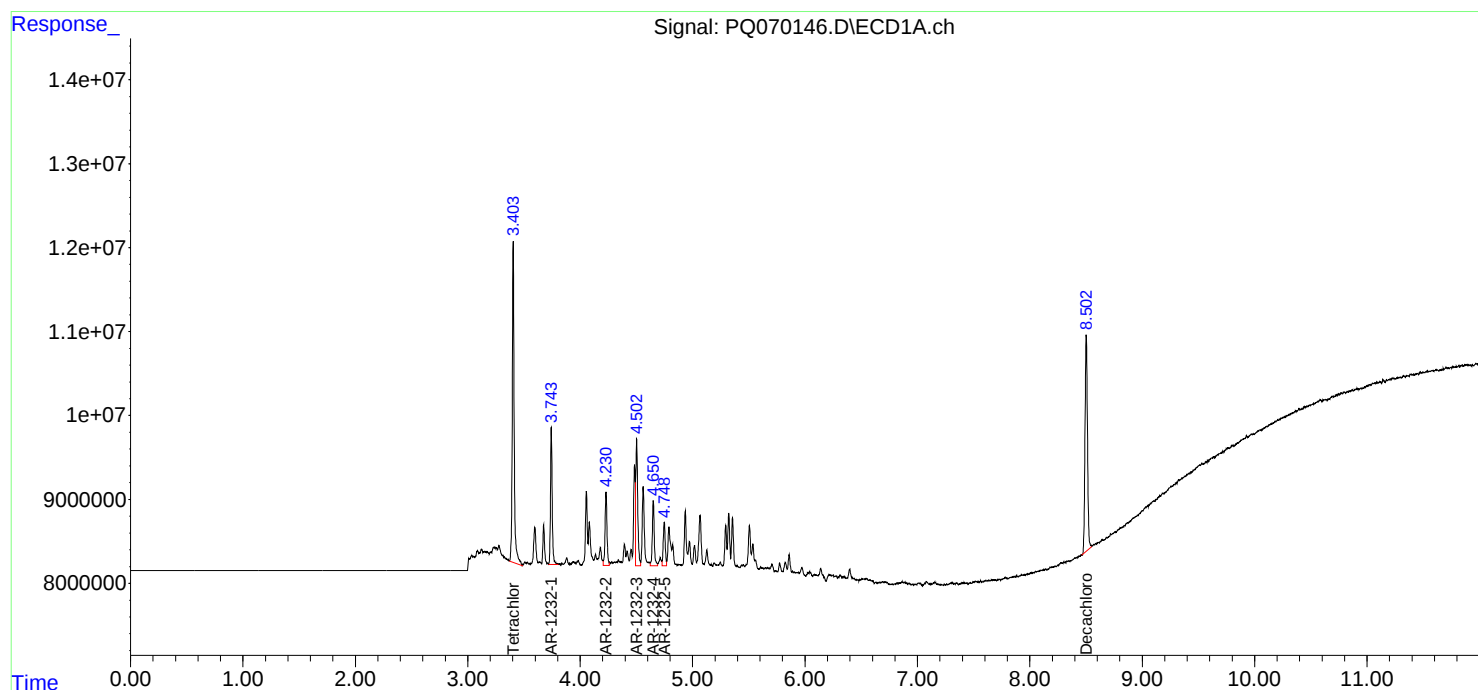
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 12:07
Operator : YP\AJ
Sample : AR1232ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12321048

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 13:02:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 13:01:53 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\PQ040925\
 Data File : PQ070147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 12:21
 Operator : YP\AJ
 Sample : AR1232ICC200
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12322049

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 12:59:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 12:58:56 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	2.783	80523674	74614219	10.422	10.436
2) SA Decachlor...	8.502	7.546	71755286	118.5E6	20.564	20.678
Target Compounds						
11) L3 AR-1232-1	3.744	3.127	31802291	34652211	207.598	212.444
12) L3 AR-1232-2	4.231	3.801	17801800	33692083	209.044	209.708
13) L3 AR-1232-3	4.503	3.961	32928986	17951215	208.044	208.550
14) L3 AR-1232-4	4.651	4.047	16526388	15491026	205.562	208.167
15) L3 AR-1232-5	4.748	4.205	10869745	17214870	204.577	208.225

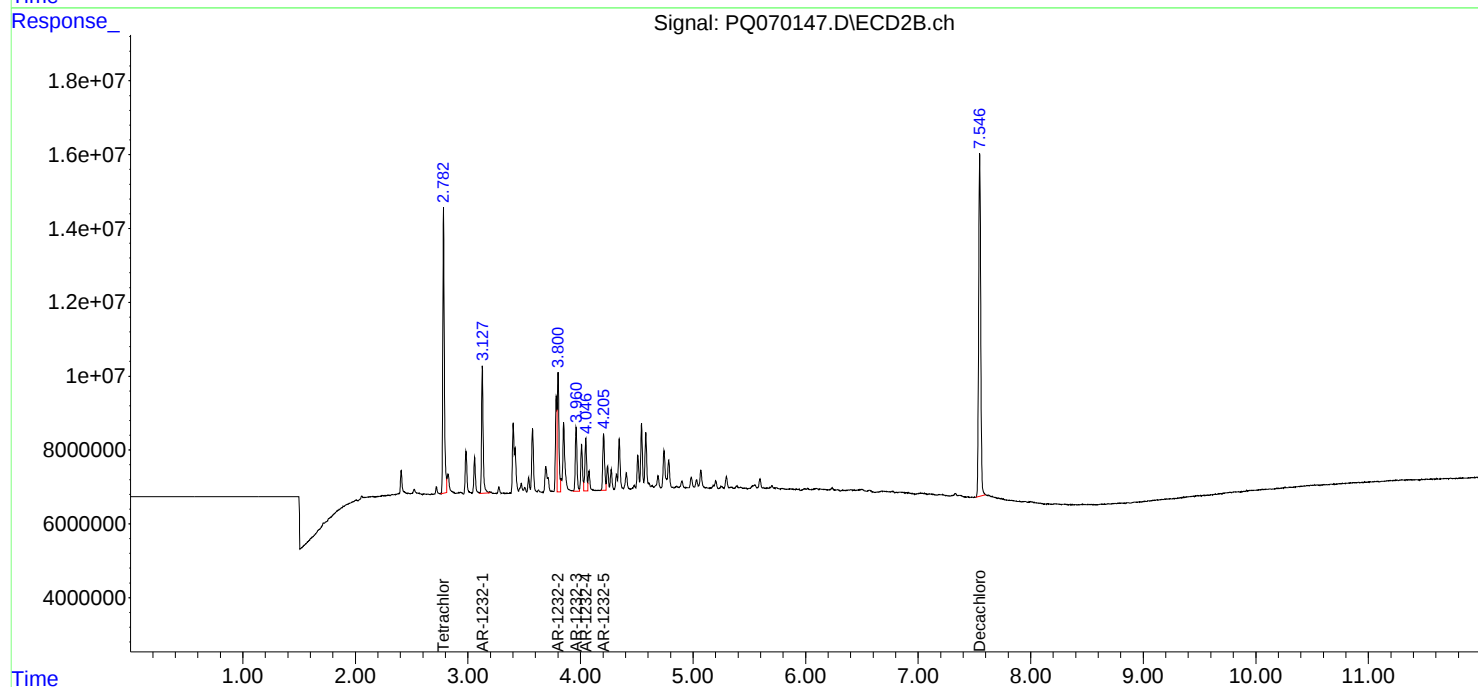
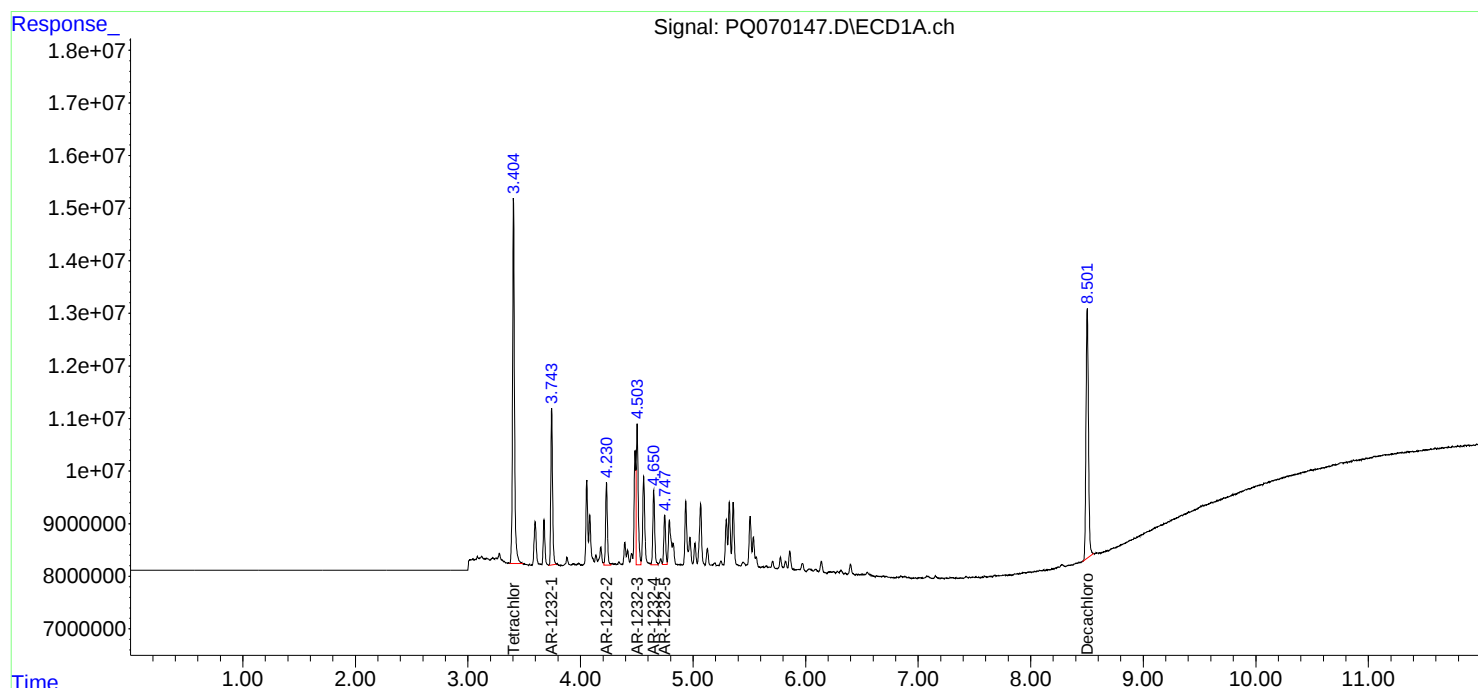
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 12:21
Operator : YP\AJ
Sample : AR1232ICC200
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12322049

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 12:59:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 12:58:56 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\PQ040925\
 Data File : PQ070148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 12:36
 Operator : YP\AJ
 Sample : AR1232ICC400
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12323050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 12:56:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 12:55:52 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	148.0E6	136.8E6	20.000	20.000
2) SA Decachlor...	8.502	7.547	135.6E6	221.5E6	40.000	40.000
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	58948831	61185600	400.000	400.000
12) L3 AR-1232-2	4.231	3.801	32522994	61145442	400.000	400.000
13) L3 AR-1232-3	4.504	3.961	60765005	32958552	400.000	400.000
14) L3 AR-1232-4	4.651	4.047	31264113	28551120	400.000	400.000
15) L3 AR-1232-5	4.748	4.205	20766808	31709891	400.000	400.000

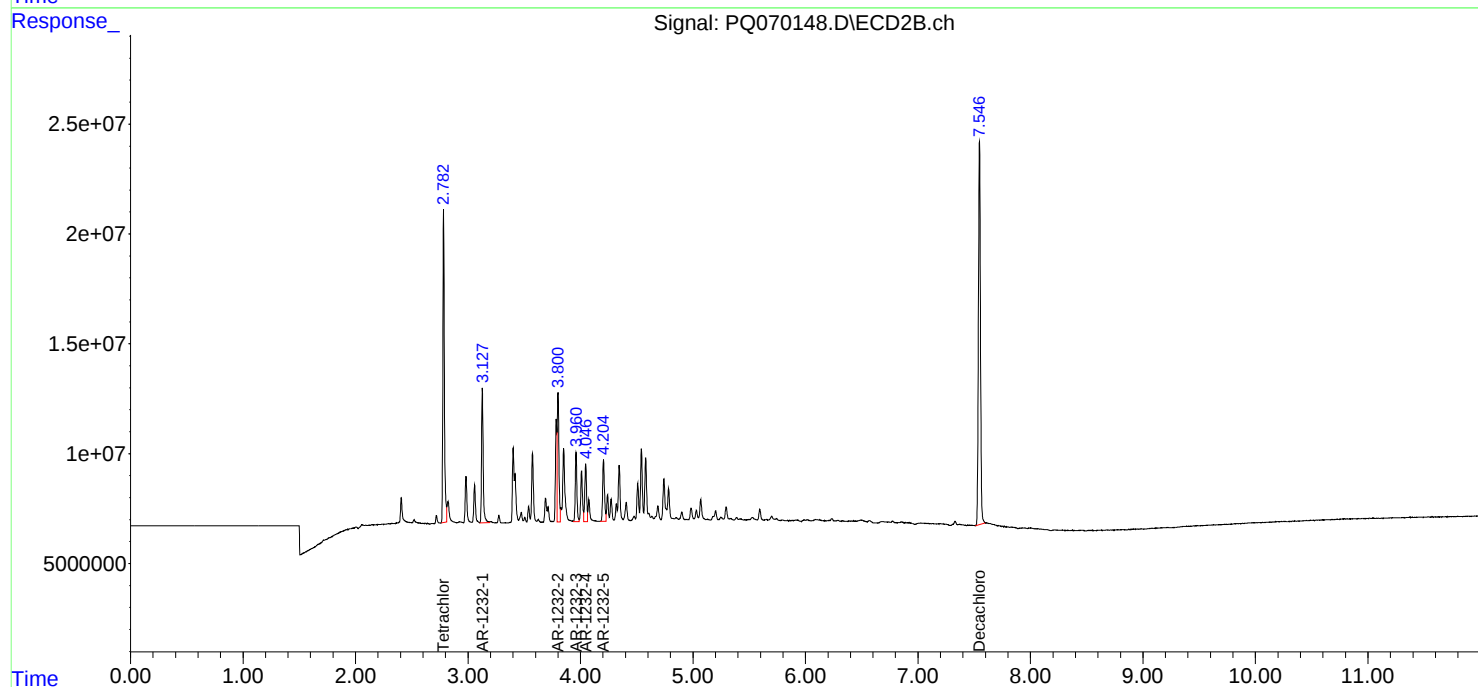
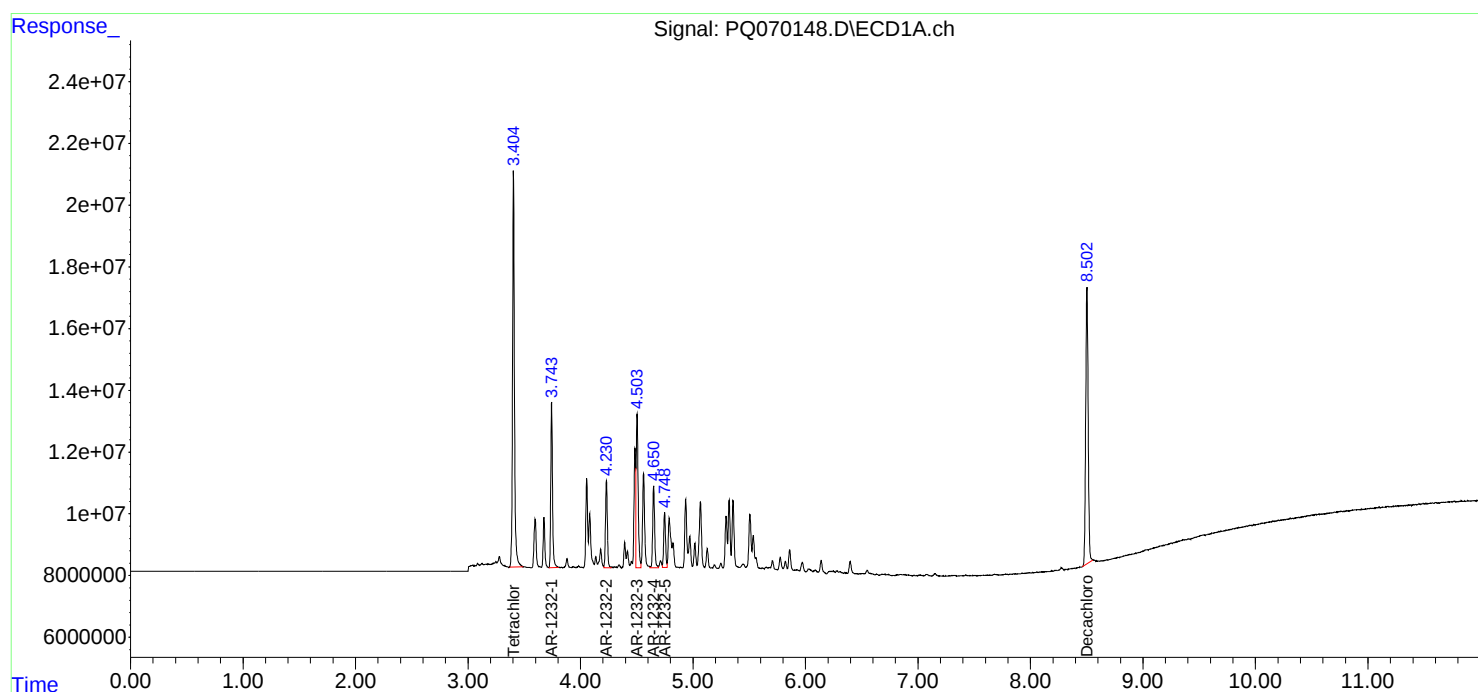
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 12:36
Operator : YP\AJ
Sample : AR1232ICC400
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12323050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 12:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 12:55:52 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\PQ040925\
 Data File : PQ070149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 12:50
 Operator : YP\AJ
 Sample : AR1232ICC800
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12324001

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 13:28:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 13:28:21 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	2.783	279.2E6	258.2E6	35.559	35.812
2) SA Decachlor...	8.502	7.546	254.5E6	412.2E6	72.236	70.702
Target Compounds						
11) L3 AR-1232-1	3.744	3.127	109.1E6	111.1E6	702.903	679.688
12) L3 AR-1232-2	4.231	3.800	59801624	111.8E6	686.088	690.842
13) L3 AR-1232-3	4.503	3.961	112.9E6	60905500	705.844	694.794
14) L3 AR-1232-4	4.651	4.046	57231912	51897283	700.132	683.523
15) L3 AR-1232-5	4.749	4.204	38296619	57734456	705.155	679.638

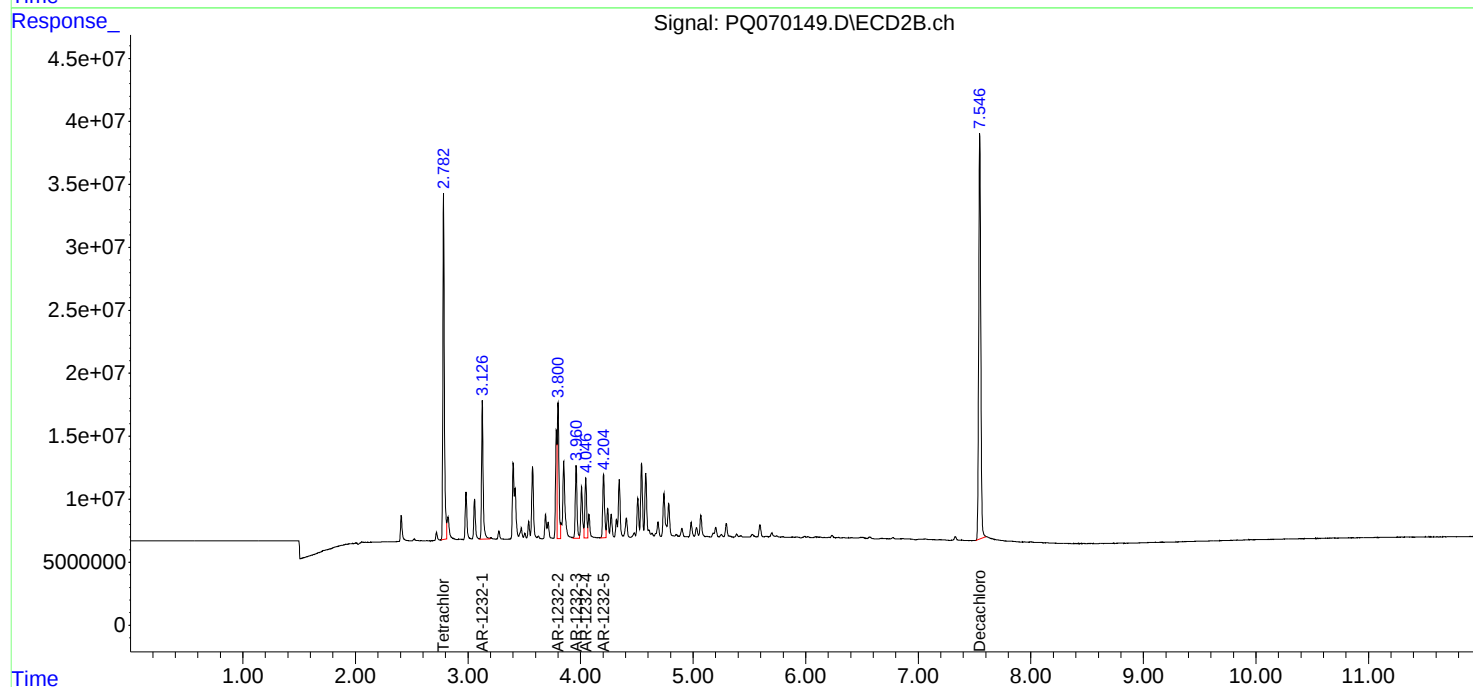
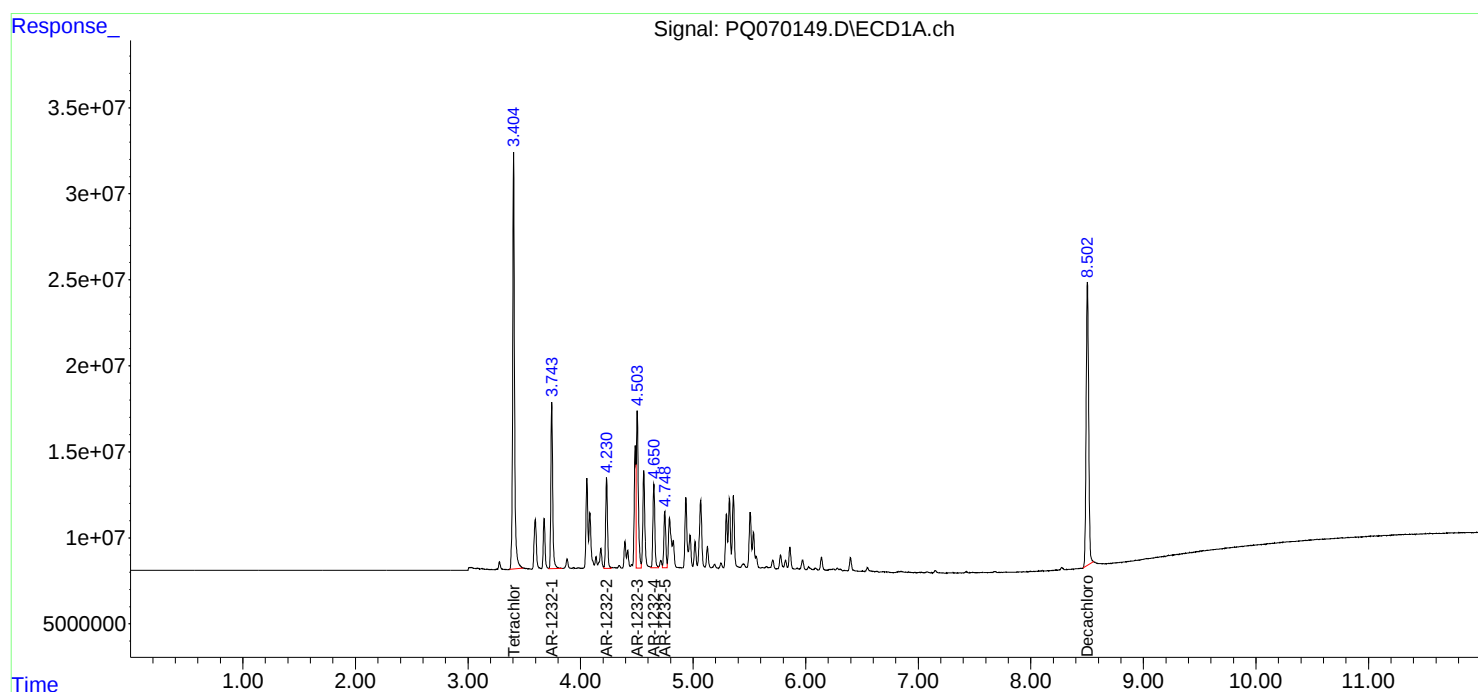
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 12:50
Operator : YP\AJ
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12324001

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 13:28:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 13:28:21 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\PQ040925\
 Data File : PQ070150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 13:05
 Operator : YP\AJ
 Sample : AR1232ICC1600
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12325002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 13:30:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 13:30:49 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	2.783	536.5E6	495.0E6	70.390	70.652
2) SA Decachlor...	8.502	7.547	488.9E6	786.4E6	142.545	139.270
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	200.1E6	201.1E6	1341.638	1290.275
12) L3 AR-1232-2	4.230	3.801	111.9E6	209.6E6	1336.250	1346.633
13) L3 AR-1232-3	4.503	3.961	212.4E6	112.5E6	1374.946	1336.226
14) L3 AR-1232-4	4.650	4.047	107.8E6	94856296	1366.577	1306.597
15) L3 AR-1232-5	4.748	4.205	71516687	106.6E6	1365.157	1311.521

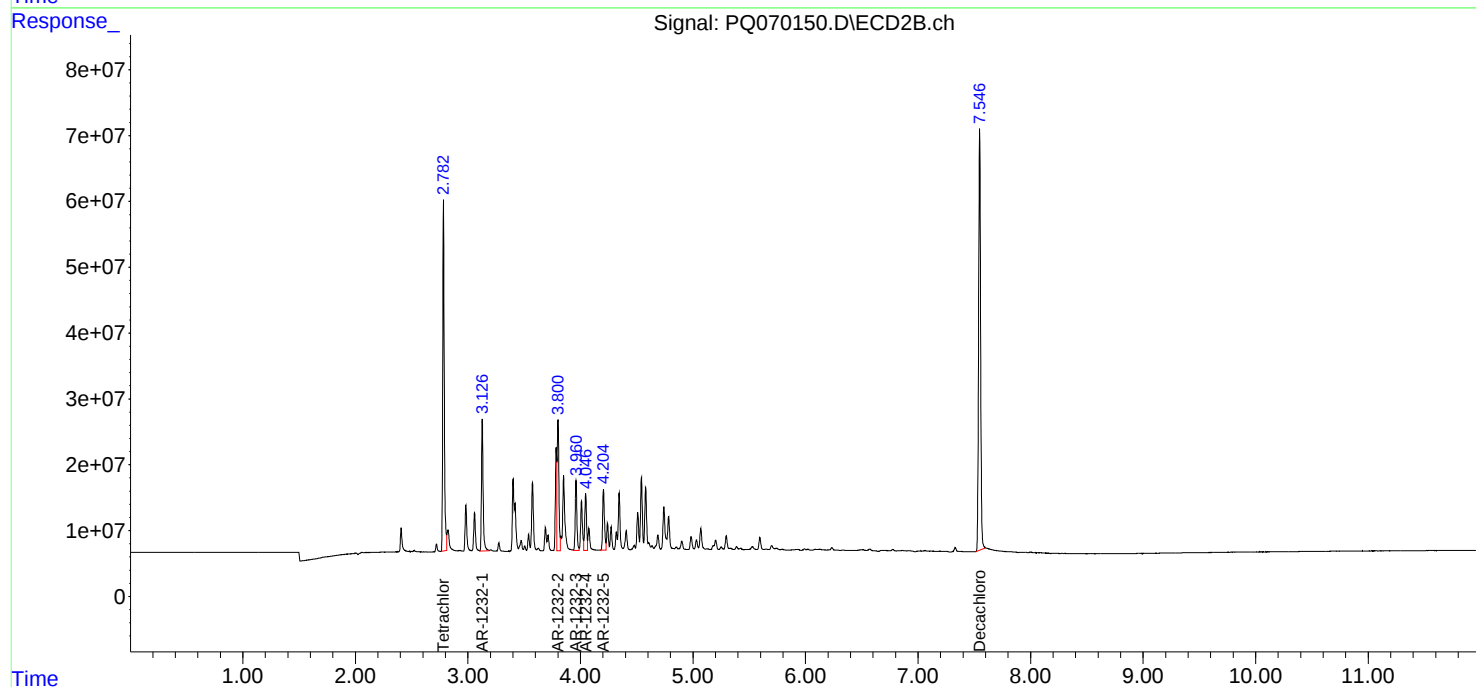
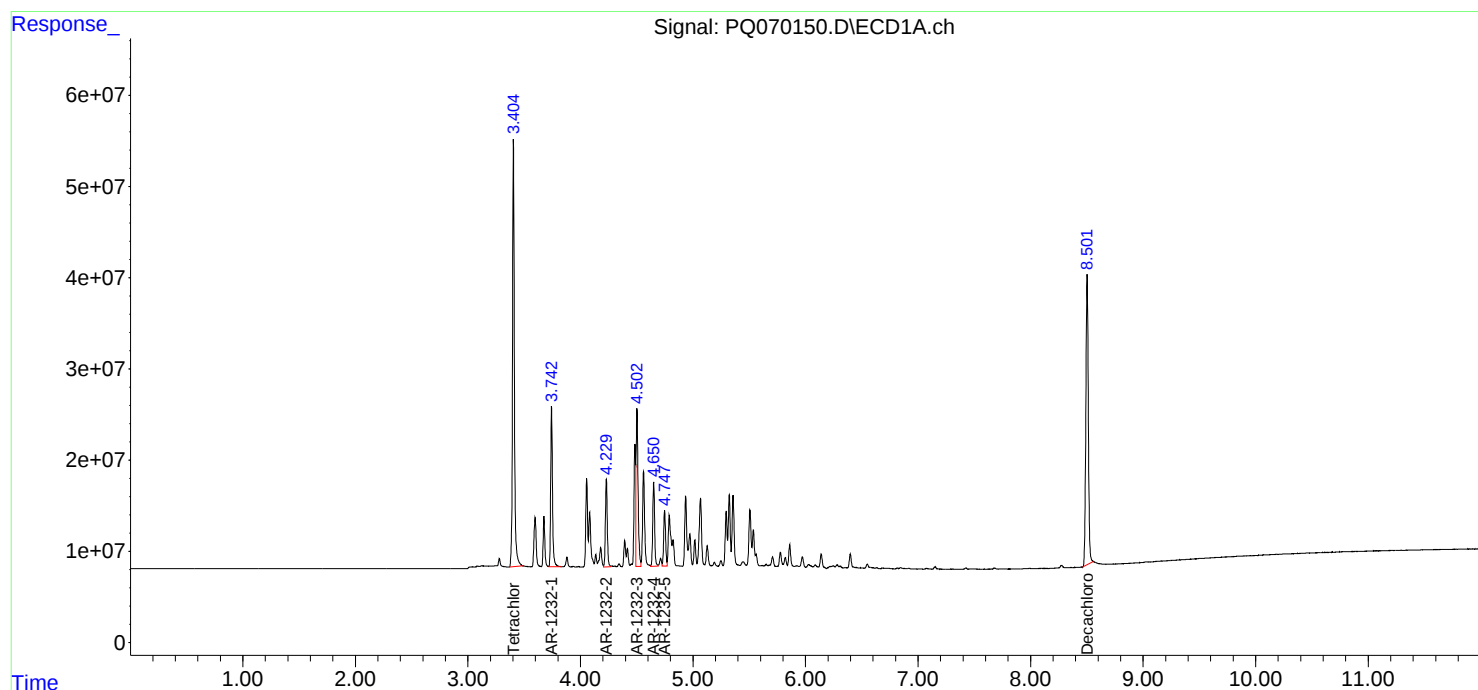
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 13:05
Operator : YP\AJ
Sample : AR1232ICC1600
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12325002

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 13:30:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 13:30:49 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\PQ040925\
 Data File : PQ070151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 13:19
 Operator : YP\AJ
 Sample : AR1242ICC100
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12421003

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:13:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 14:07:03 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	42253357	40882224	5.279	5.356
2) SA Decachlor...	8.502	7.546	38831026	66566278	10.606	10.870
Target Compounds						
16) L4 AR-1242-1	4.484	3.785	21360308	22639999	108.736	111.401
17) L4 AR-1242-2	4.503	3.801	32830768	33501436	108.233	110.270
18) L4 AR-1242-3	4.561	3.961	21005591	18512869	108.840	110.014
19) L4 AR-1242-4	4.651	4.047	16979463	17676769	108.795	110.189
20) L4 AR-1242-5	5.356	4.542	15556172	22121669	104.527	109.641

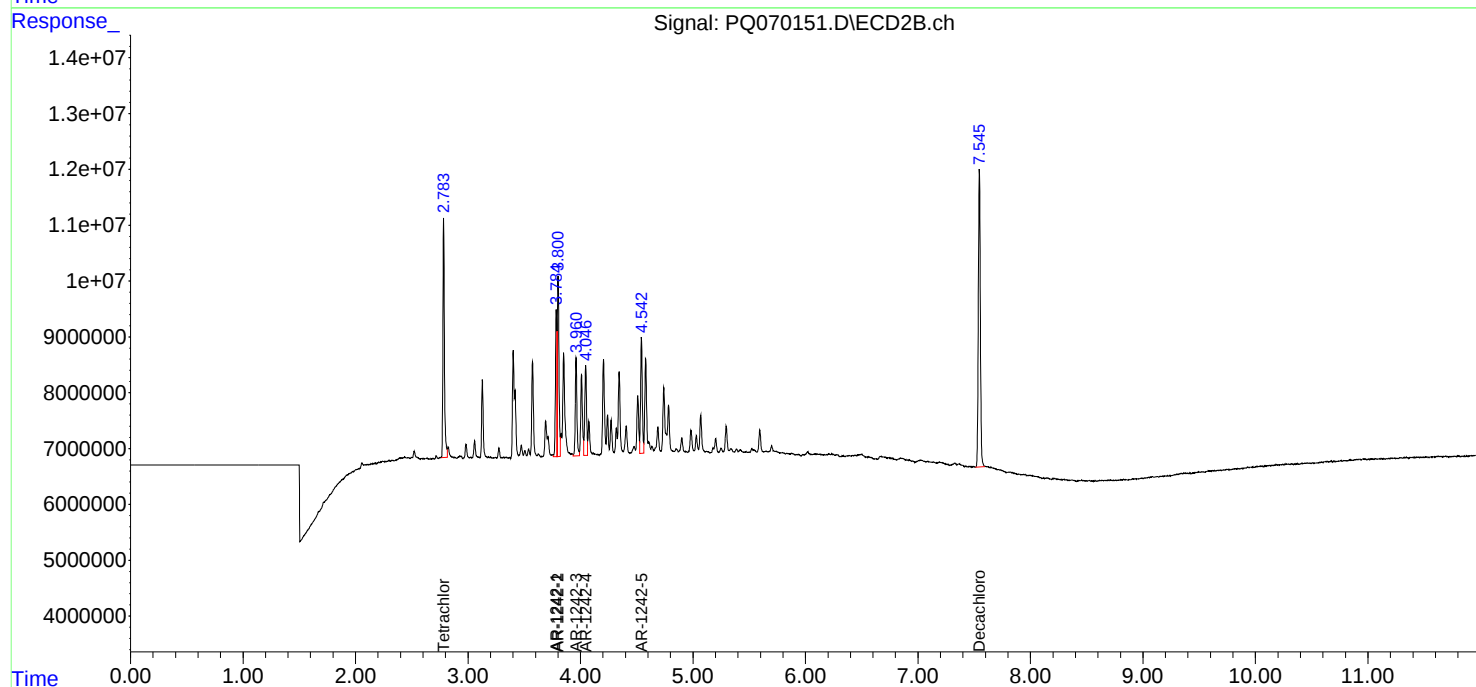
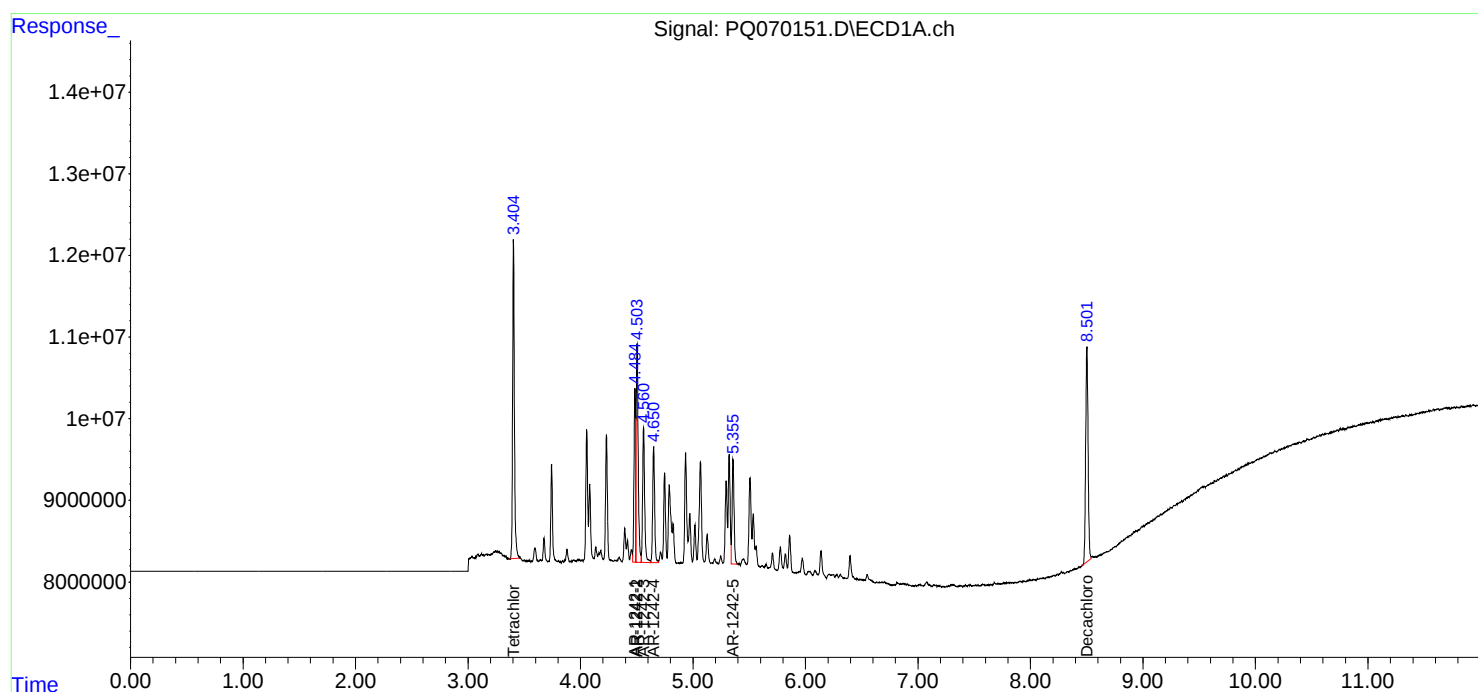
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 13:19
Operator : YP\AJ
Sample : AR1242ICC100
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12421003

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:13:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 14:07:03 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\PQ040925\
 Data File : PQ070152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 13:34
 Operator : YP\AJ
 Sample : AR1242ICC200
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12422004

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:09:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 14:07:03 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	2.783	80709608	77340700	10.372	10.506
2) SA Decachlor...	8.502	7.547	73730194	124.5E6	20.769	21.252
Target Compounds						
16) L4 AR-1242-1	4.485	3.785	39740795	41167524	211.543	214.813
17) L4 AR-1242-2	4.503	3.801	60561655	60832284	208.226	211.068
18) L4 AR-1242-3	4.562	3.961	38612496	34040773	209.322	212.951
19) L4 AR-1242-4	4.651	4.047	30989938	32586823	207.701	214.034
20) L4 AR-1242-5	5.357	4.542	30082009	40999638	206.812	213.498

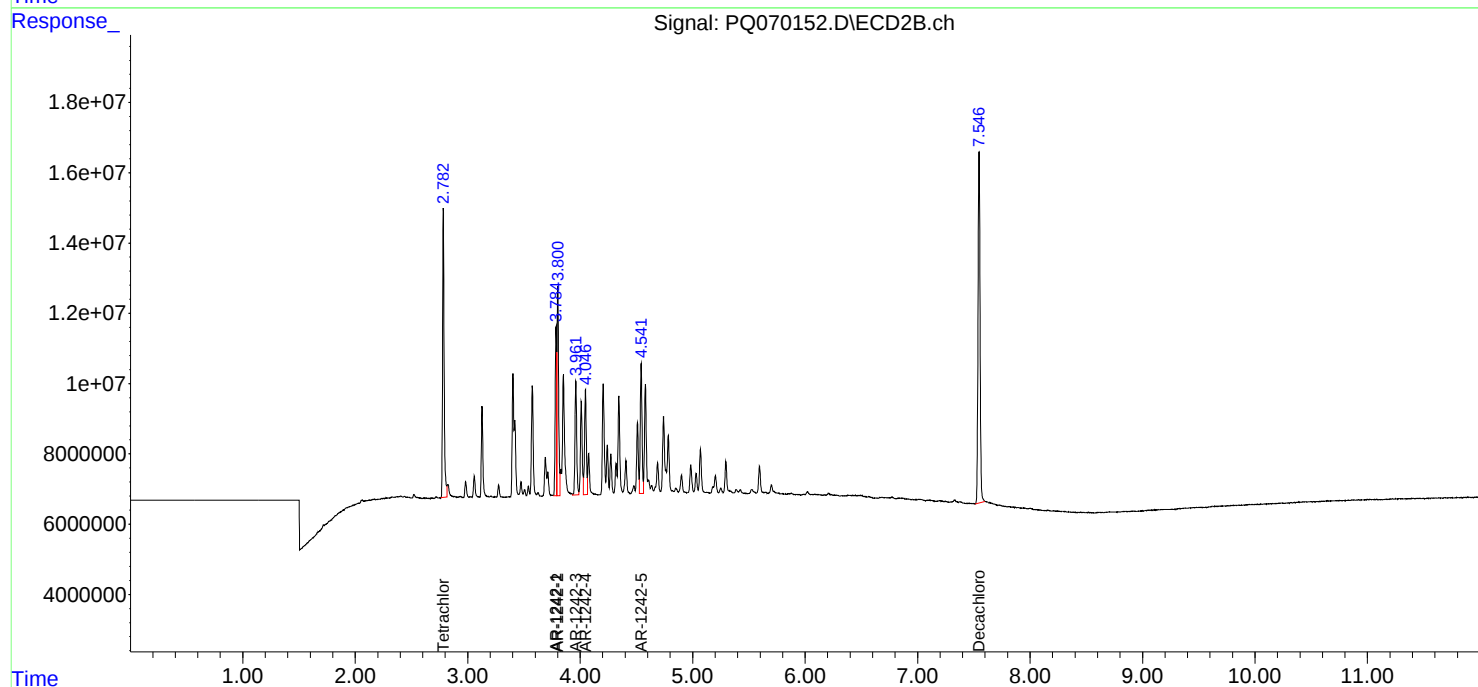
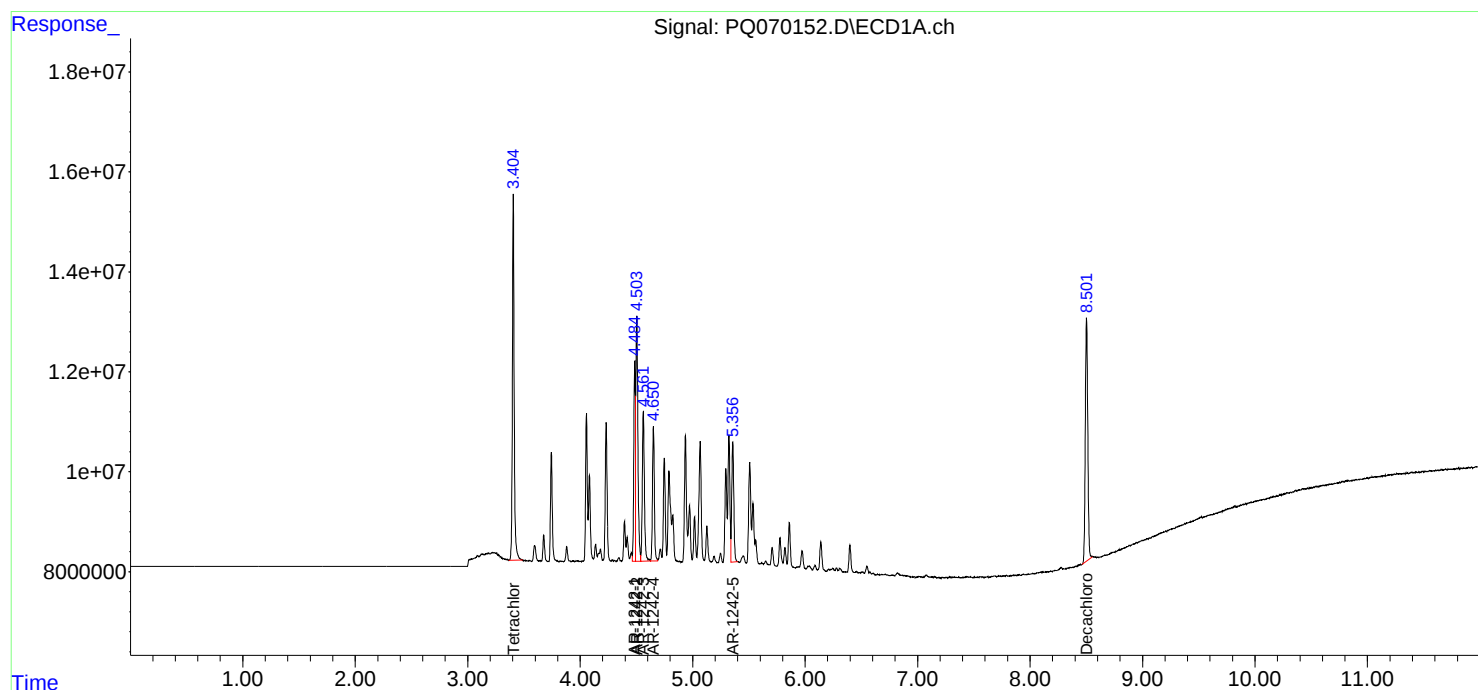
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 13:34
Operator : YP\AJ
Sample : AR1242ICC200
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12422004

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:09:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 14:07:03 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\PQ040925\
 Data File : PQ070153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 13:49
 Operator : YP\AJ
 Sample : AR1242ICC400
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12423005

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:07:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 14:07:03 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	149.8E6	139.8E6	20.000	20.000
2) SA Decachlor...	8.502	7.546	136.5E6	219.6E6	40.000	40.000
Target Compounds						
16) L4 AR-1242-1	4.485	3.785	70807416	70979677	400.000	400.000
17) L4 AR-1242-2	4.503	3.801	111.6E6	108.9E6	400.000	400.000
18) L4 AR-1242-3	4.561	3.961	70346365	59800661	400.000	400.000
19) L4 AR-1242-4	4.650	4.047	57383670	56626845	400.000	400.000
20) L4 AR-1242-5	5.356	4.542	56200494	71631018	400.000	400.000

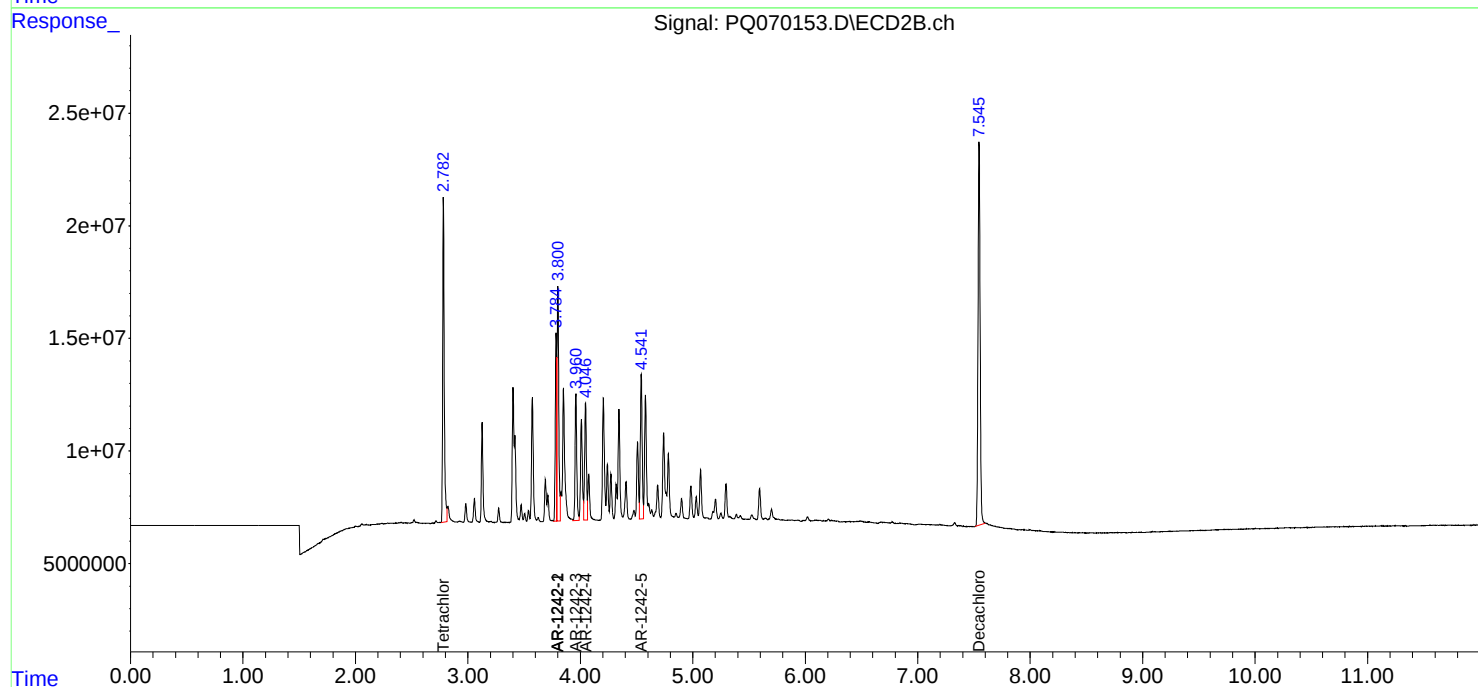
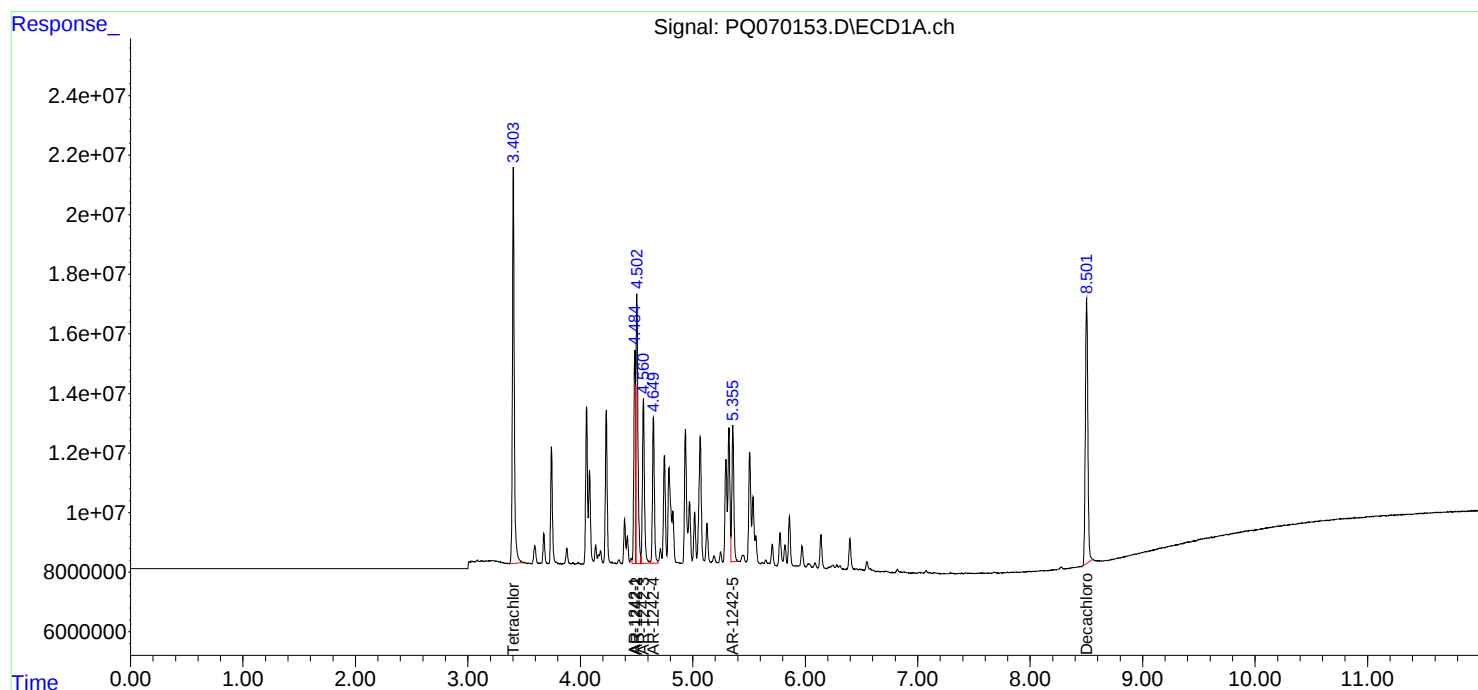
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 13:49
Operator : YP\AJ
Sample : AR1242ICC400
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12423005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 14:07:03 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\PQ040925\
 Data File : PQ070154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 14:03
 Operator : YP\AJ
 Sample : AR1242ICC800
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12424006

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:20:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 14:07:03 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	281.4E6	261.6E6	36.251	35.544
2) SA Decachlor...	8.502	7.547	258.3E6	411.6E6	72.690	70.018
Target Compounds						
16) L4 AR-1242-1	4.484	3.785	131.2E6	129.0E6	696.541	669.182
17) L4 AR-1242-2	4.503	3.800	206.1E6	197.9E6	706.109	683.246
18) L4 AR-1242-3	4.561	3.961	130.7E6	110.0E6	704.227	684.914
19) L4 AR-1242-4	4.650	4.047	106.4E6	102.8E6	708.065	674.326
20) L4 AR-1242-5	5.357	4.542	104.5E6	130.8E6	724.525	680.350

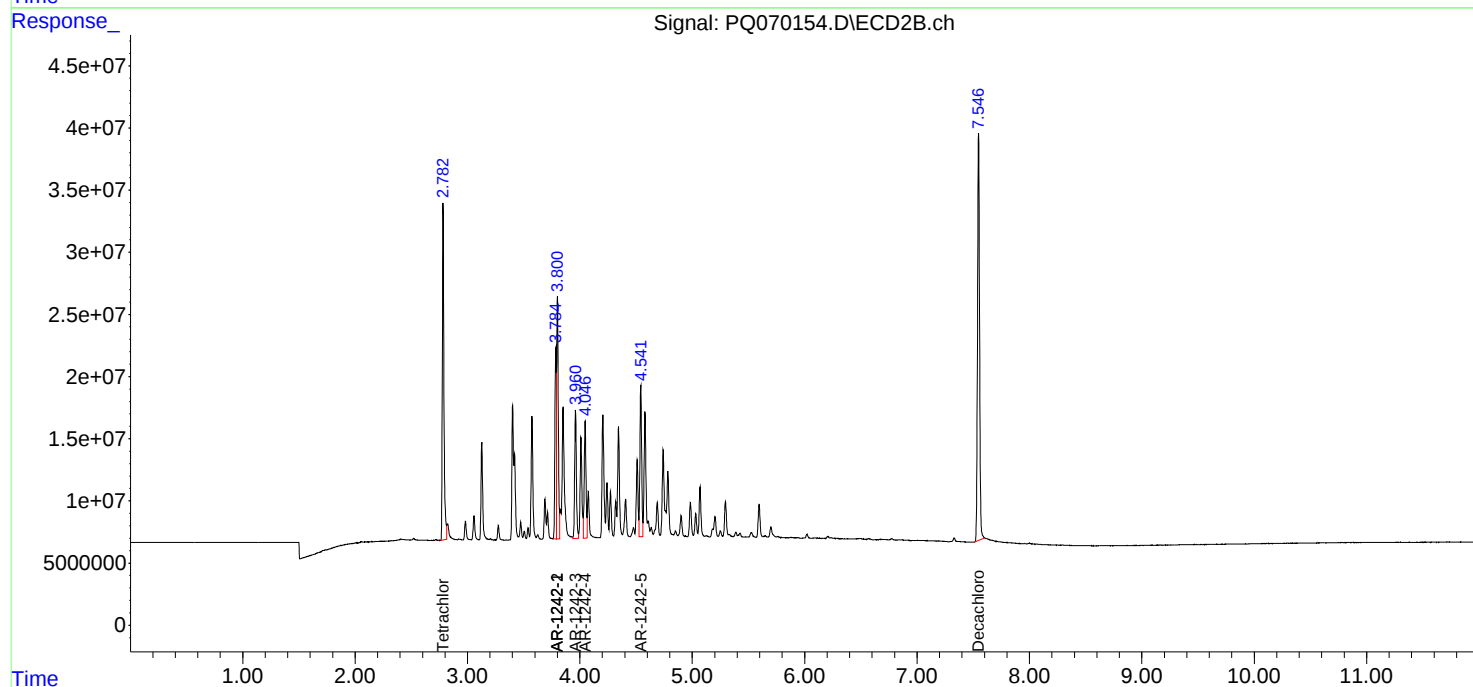
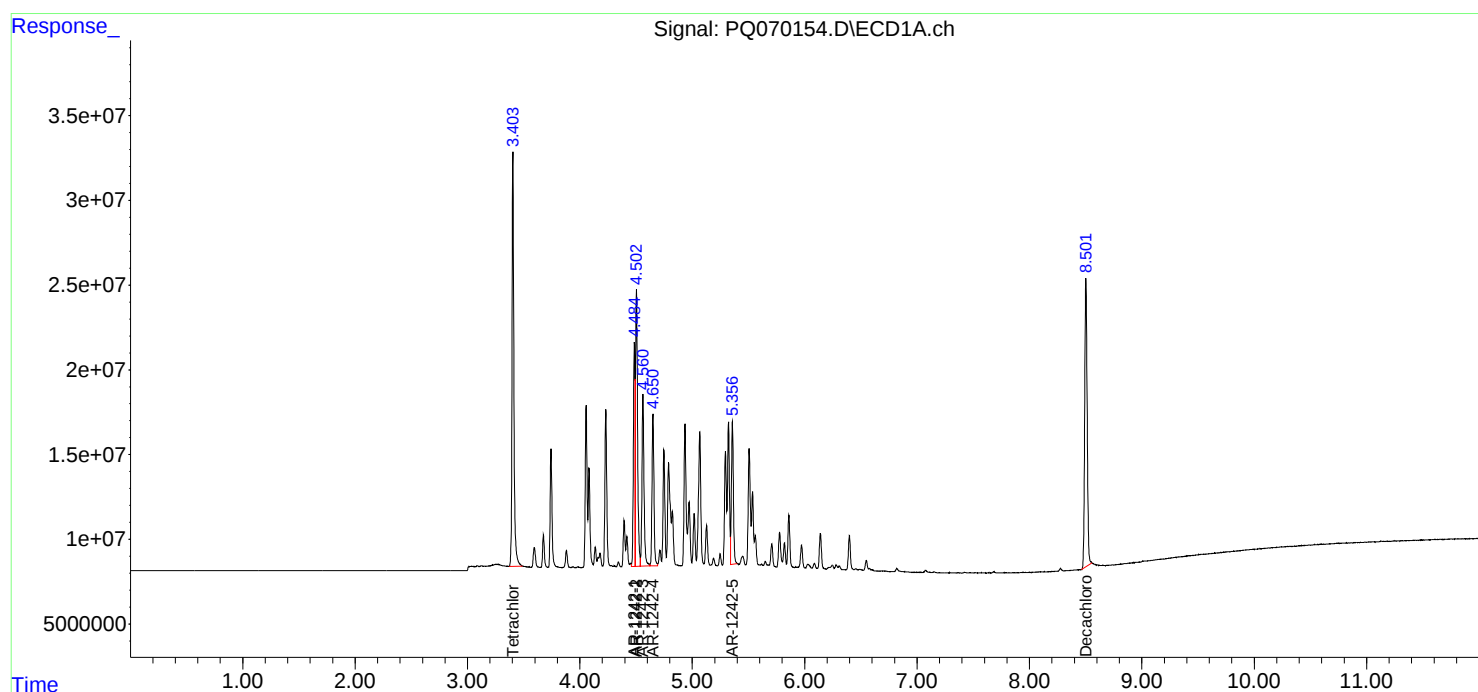
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 14:03
Operator : YP\AJ
Sample : AR1242ICC800
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12424006

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:20:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 14:07:03 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\PQ040925\
 Data File : PQ070155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 14:18
 Operator : YP\AJ
 Sample : AR1242ICC1600
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12425007

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 14:31:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 14:31:18 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	545.4E6	515.8E6	72.023	71.870
2) SA Decachlor...	8.502	7.546	501.5E6	809.0E6	144.555	141.566
Target Compounds						
16) L4 AR-1242-1	4.485	3.785	246.9E6	251.7E6	1360.109	1355.943
17) L4 AR-1242-2	4.503	3.800	398.9E6	388.1E6	1407.566	1384.769
18) L4 AR-1242-3	4.561	3.961	247.1E6	213.1E6	1377.795	1373.956
19) L4 AR-1242-4	4.651	4.047	203.2E6	195.3E6	1395.065	1334.393
20) L4 AR-1242-5	5.356	4.542	201.3E6	252.8E6	1431.791	1363.811

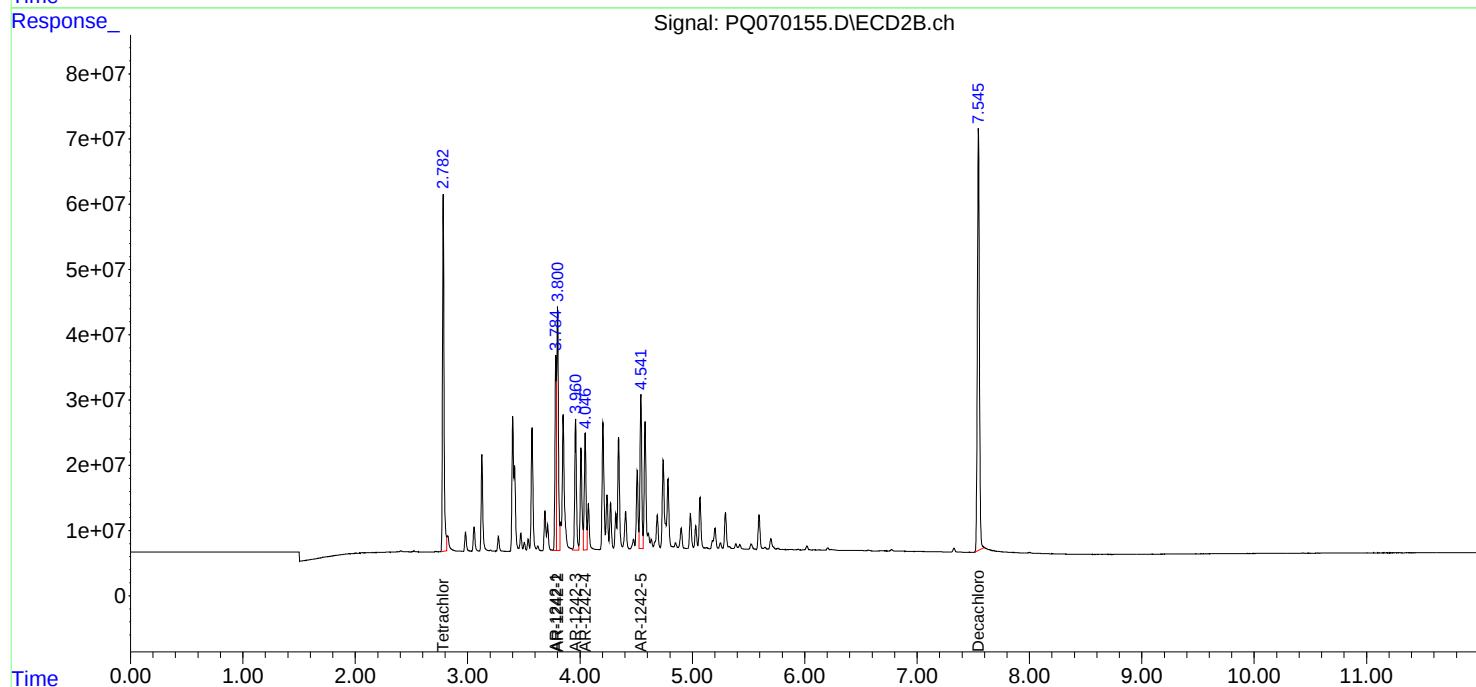
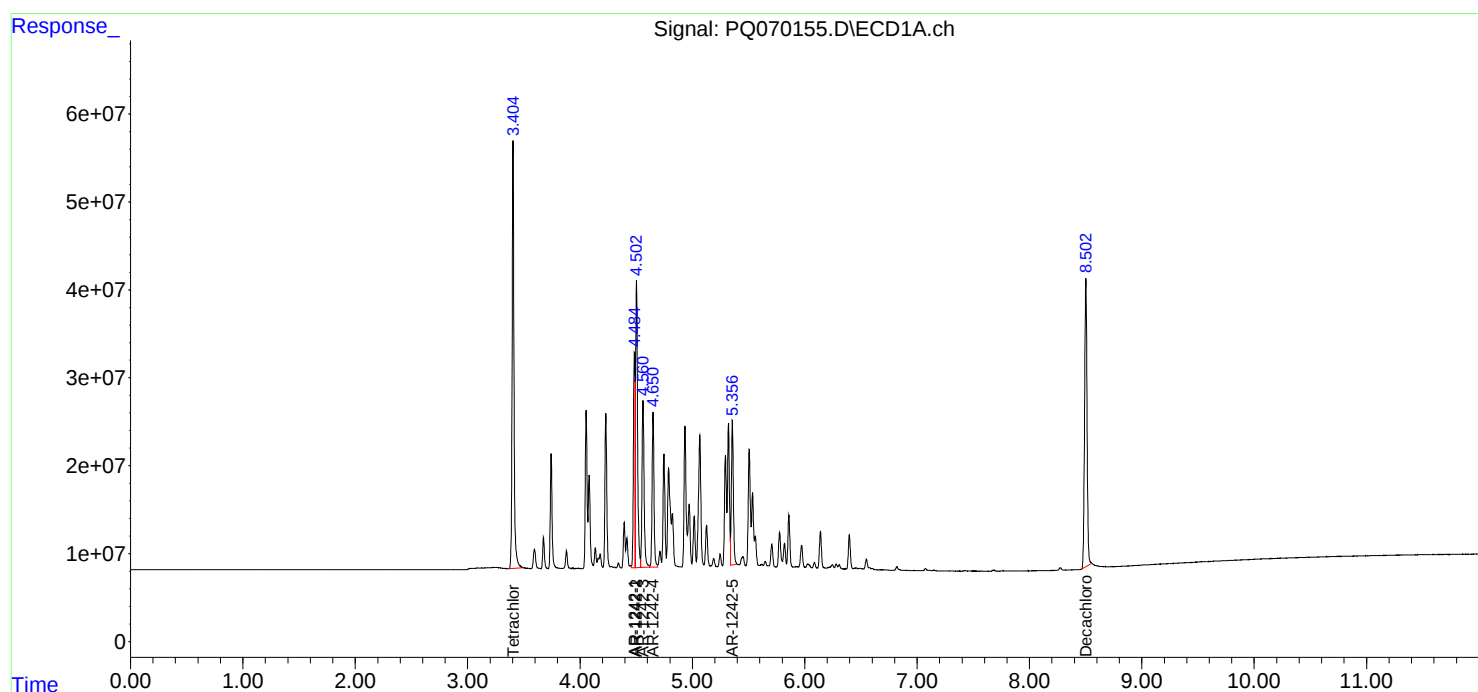
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 14:18
Operator : YP\AJ
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12425007

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 14:31:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 14:31:18 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\PQ040925\
 Data File : PQ070156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 14:32
 Operator : YP\AJ
 Sample : AR1248ICC100
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12481008

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 15:18:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 15:13:21 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	44398041	42936616	5.510	5.497
2) SA Decachlor...	8.502	7.546	40579446	68218763	10.767	10.920
Target Compounds						
21) L5 AR-1248-1	4.484	3.785	16460589	17255135	110.659	112.335
22) L5 AR-1248-2	4.748	4.010	23380972	26559608	112.652	113.117
23) L5 AR-1248-3	4.935	4.047	27713860	25948779	111.721	113.446
24) L5 AR-1248-4	5.323	4.205	29004939	31620326	111.102	114.004
25) L5 AR-1248-5	5.357	4.580	27288953	30776163	110.409	113.322

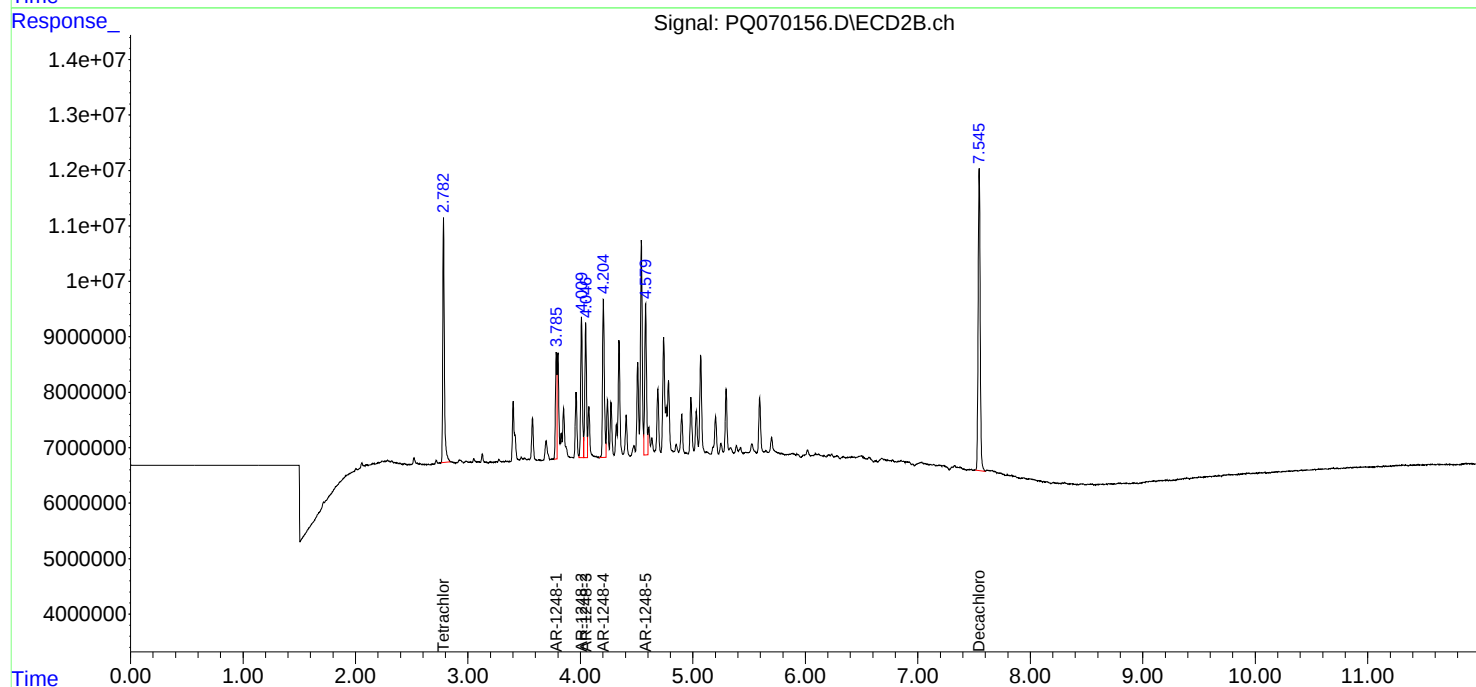
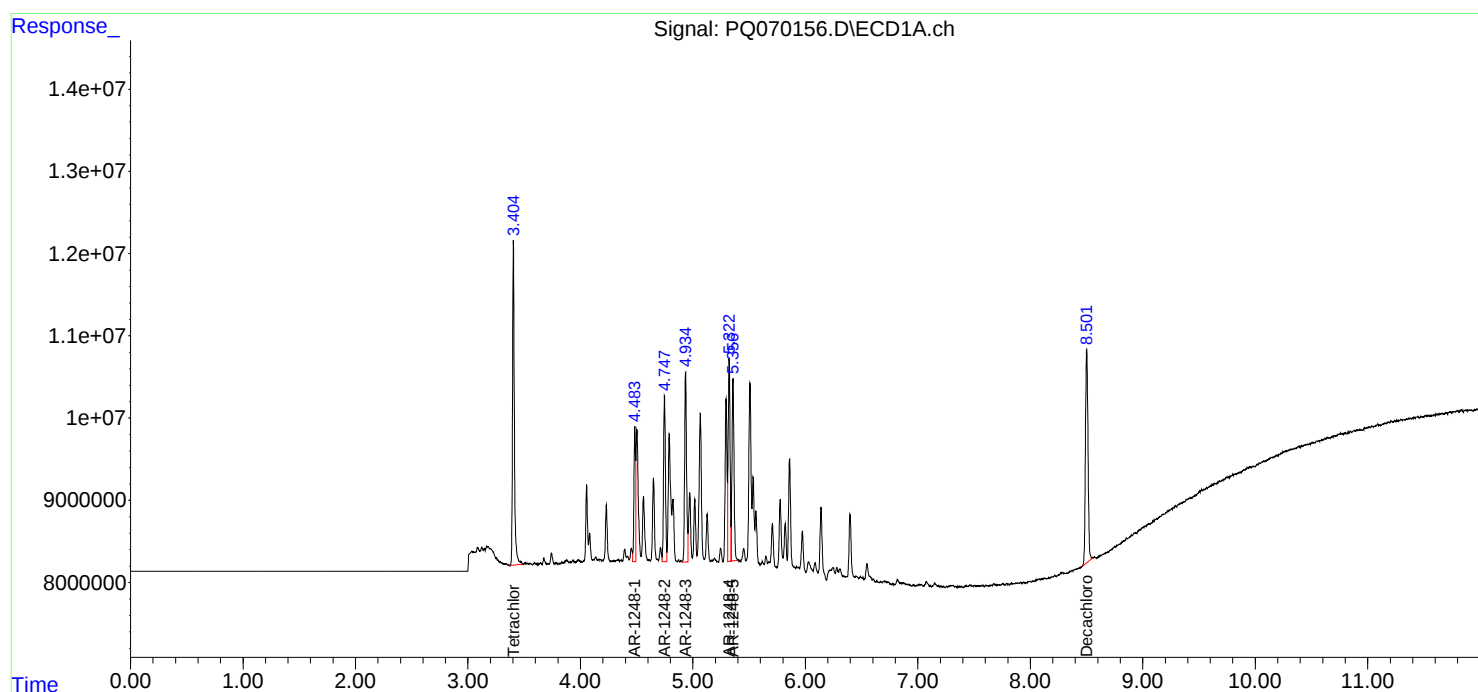
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 14:32
Operator : YP\AJ
Sample : AR1248ICC100
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12481008

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 15:18:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 15:13:21 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\PQ040925\
 Data File : PQ070157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 14:47
 Operator : YP\AJ
 Sample : AR1248ICC200
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12482009

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 15:16:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 15:13:21 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	2.783	79420578	76255093	10.385	10.273
2) SA Decachlor...	8.502	7.547	75694418	126.6E6	20.884	21.242
Target Compounds						
21) L5 AR-1248-1	4.485	3.785	29053308	30005306	206.311	208.182
22) L5 AR-1248-2	4.748	4.009	39900419	45382132	205.226	206.848
23) L5 AR-1248-3	4.936	4.047	48161322	44172985	206.236	207.041
24) L5 AR-1248-4	5.323	4.205	50668629	53178196	205.490	206.164
25) L5 AR-1248-5	5.356	4.579	46760853	52368916	199.579	206.591

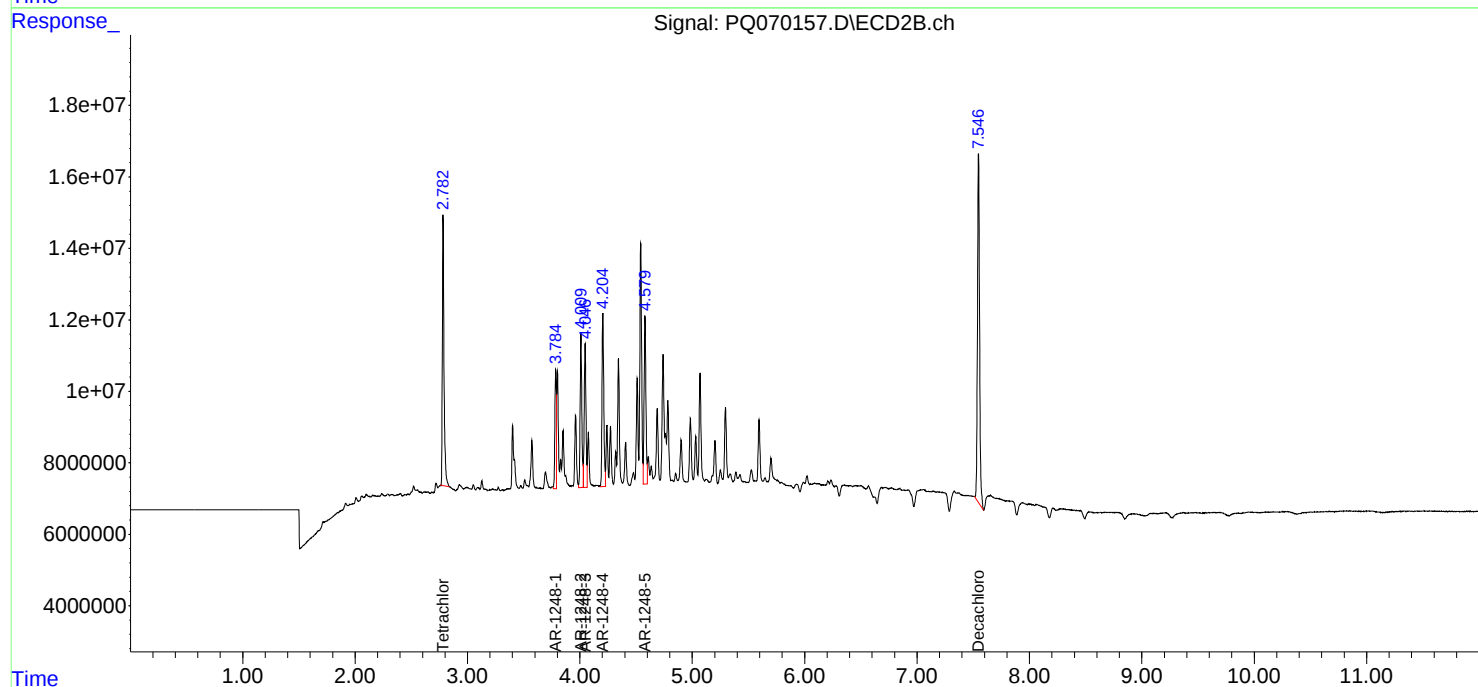
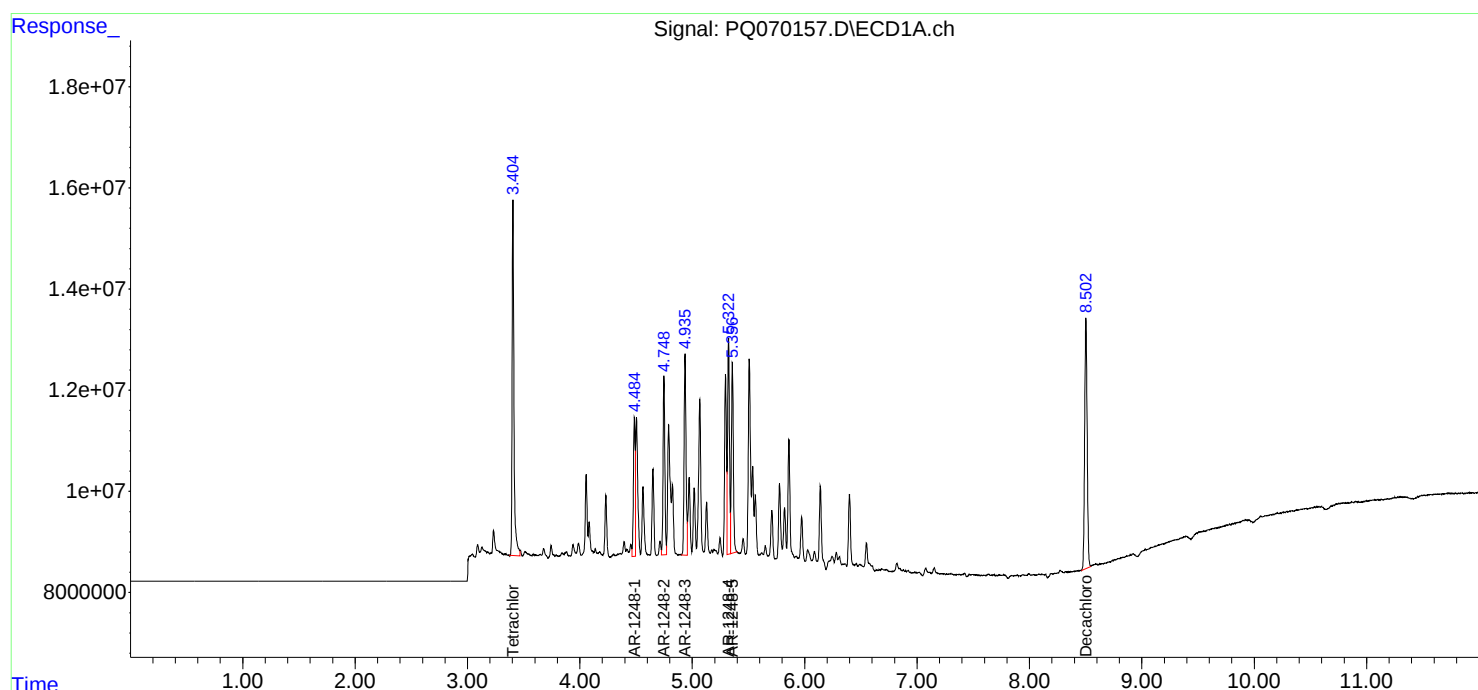
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 14:47
Operator : YP\AJ
Sample : AR1248ICC200
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12482009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 15:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 15:13:21 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\PQ040925\
 Data File : PQ070158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 15:01
 Operator : YP\AJ
 Sample : AR1248ICC400
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483010

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 15:13:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 15:13:21 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	2.782	147.1E6	144.4E6	20.000	20.000
2) SA Decachlor...	8.501	7.546	138.6E6	223.6E6	40.000	40.000
Target Compounds						
21) L5 AR-1248-1	4.484	3.784	54551467	55293579	400.000	400.000
22) L5 AR-1248-2	4.748	4.009	75736518	84754397	400.000	400.000
23) L5 AR-1248-3	4.935	4.046	90497943	82337298	400.000	400.000
24) L5 AR-1248-4	5.322	4.204	95922873	99996706	400.000	400.000
25) L5 AR-1248-5	5.357	4.579	93916291	98054967	400.000	400.000

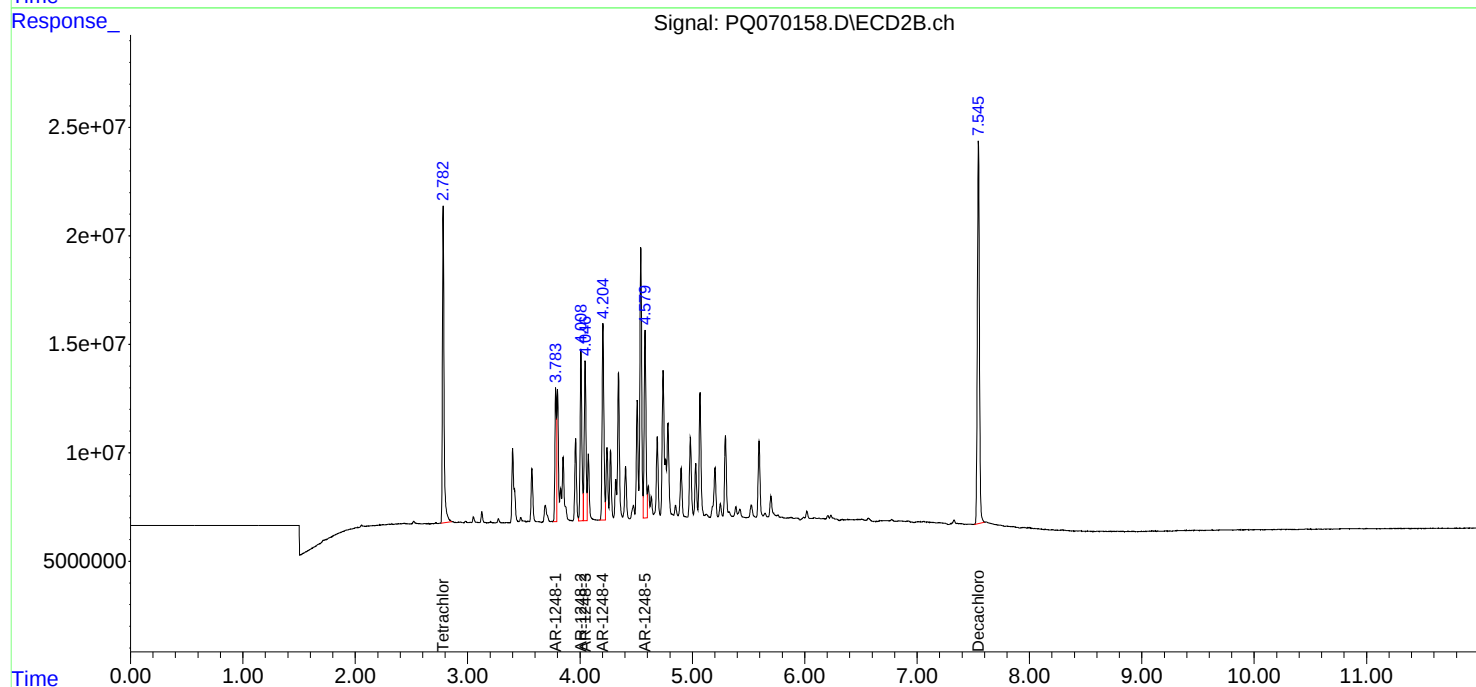
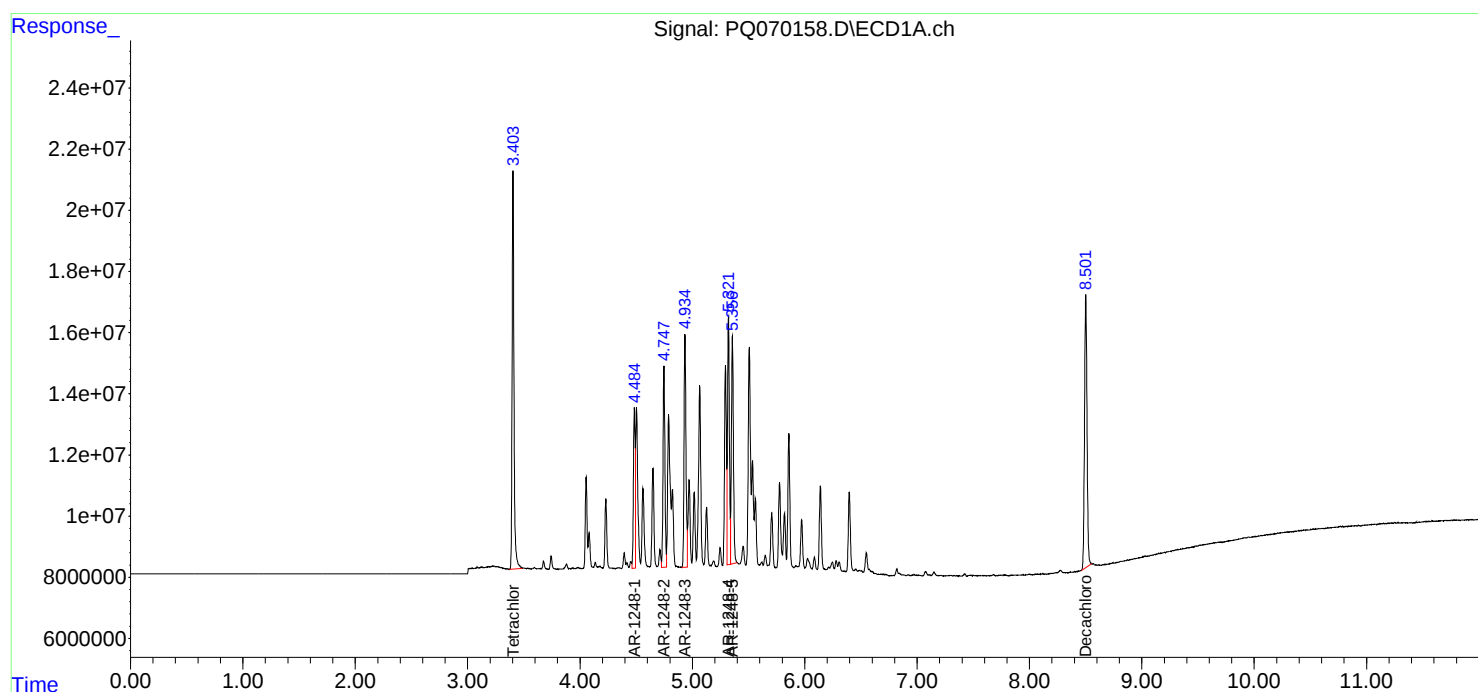
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 15:01
Operator : YP\AJ
Sample : AR1248ICC400
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12483010

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 15:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 15:13:21 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\PQ040925\
 Data File : PQ070159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 15:16
 Operator : YP\AJ
 Sample : AR1248ICC800
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12484011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 15:27:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 15:27:06 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	274.0E6	267.6E6	35.332	35.533
2) SA Decachlor...	8.502	7.547	261.3E6	422.9E6	71.715	70.402
Target Compounds						
21) L5 AR-1248-1	4.484	3.785	100.6E6	100.1E6	703.350	683.379
22) L5 AR-1248-2	4.747	4.009	138.5E6	152.2E6	695.995	680.593
23) L5 AR-1248-3	4.935	4.047	166.5E6	148.1E6	699.219	679.904
24) L5 AR-1248-4	5.322	4.205	178.6E6	181.4E6	709.892	685.381
25) L5 AR-1248-5	5.356	4.579	173.3E6	178.8E6	723.610	688.724

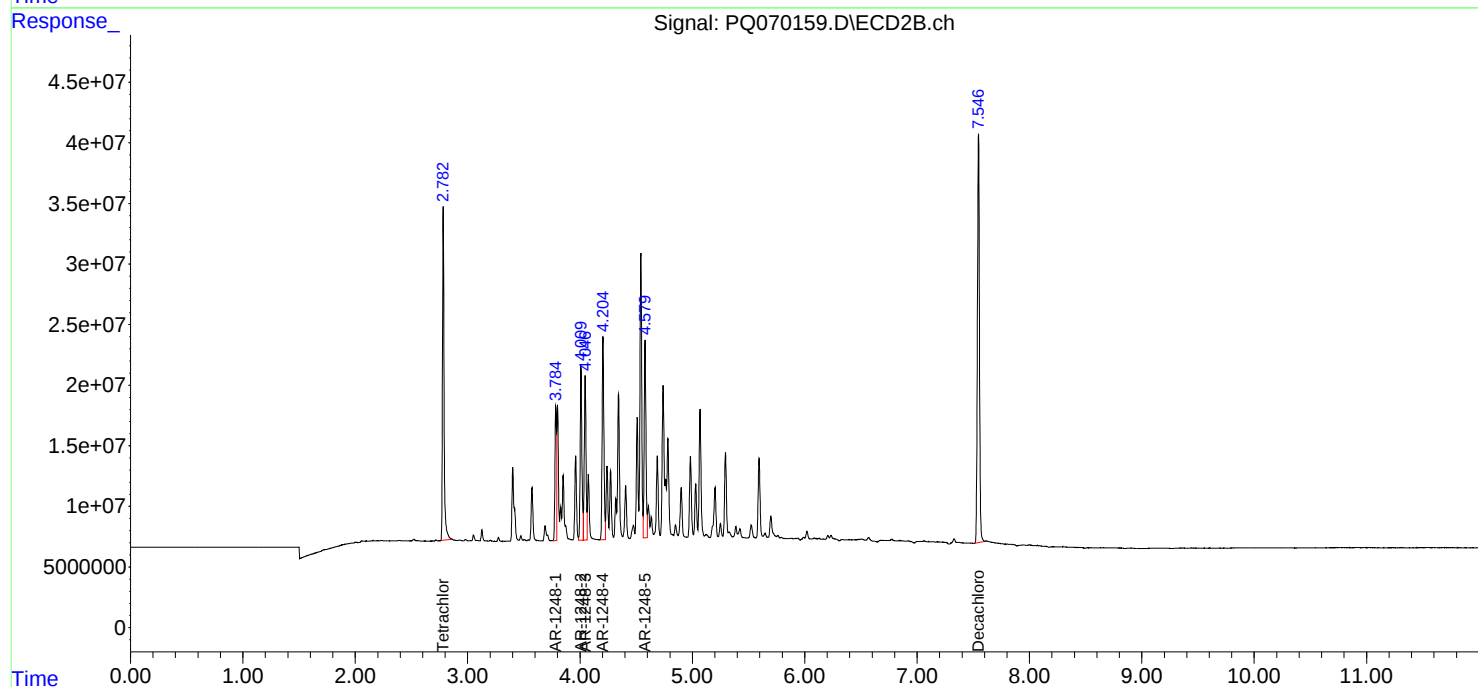
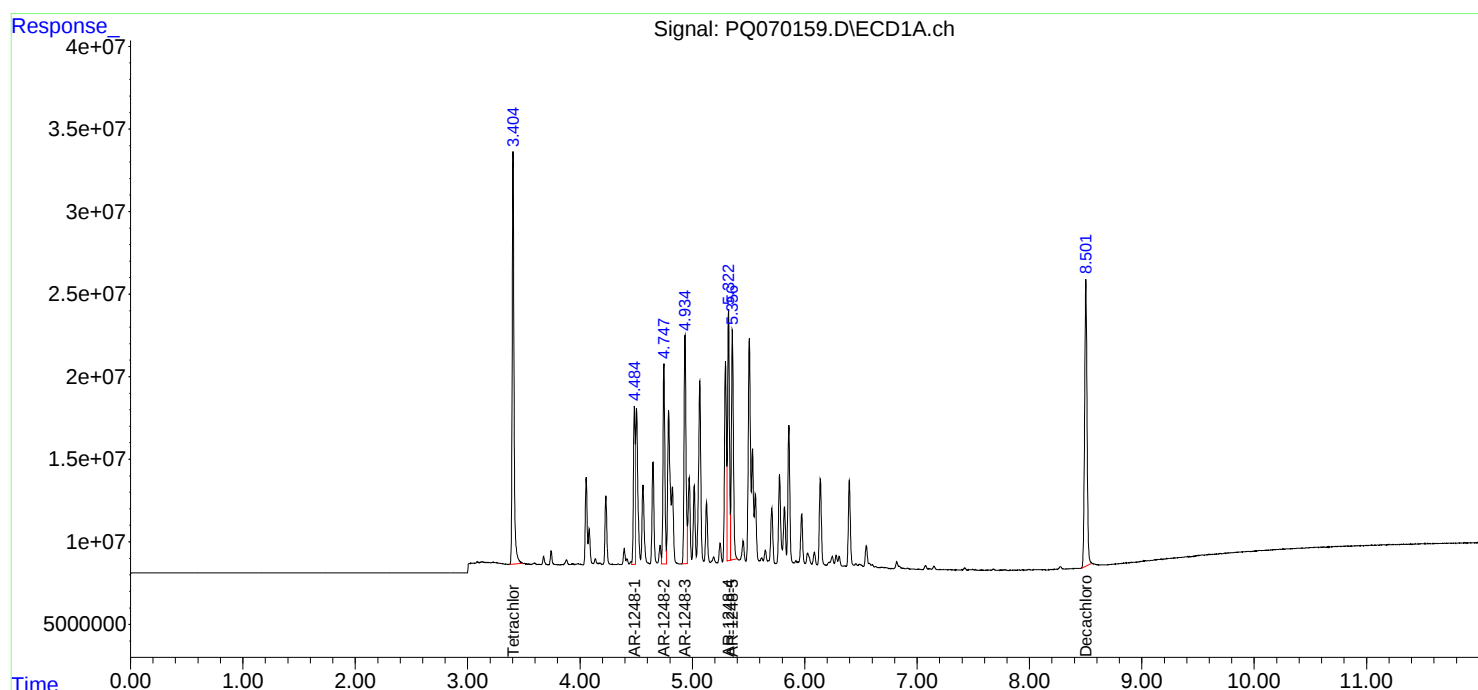
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 15:16
Operator : YP\AJ
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12484011

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 15:27:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 15:27:06 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\PQ040925\
 Data File : PQ070160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 15:31
 Operator : YP\AJ
 Sample : AR1248ICC1600
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12485012

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 15:49:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 15:49:14 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	2.783	520.1E6	509.2E6	69.302	69.773
2) SA Decachlor...	8.502	7.546	498.2E6	783.2E6	140.838	135.391
Target Compounds						
21) L5 AR-1248-1	4.484	3.785	184.4E6	183.5E6	1341.427	1309.457
22) L5 AR-1248-2	4.748	4.010	253.6E6	278.9E6	1328.698	1304.623
23) L5 AR-1248-3	4.935	4.047	308.2E6	271.4E6	1346.123	1303.547
24) L5 AR-1248-4	5.322	4.205	334.9E6	335.0E6	1377.392	1320.682
25) L5 AR-1248-5	5.357	4.580	328.5E6	333.5E6	1411.855	1337.596

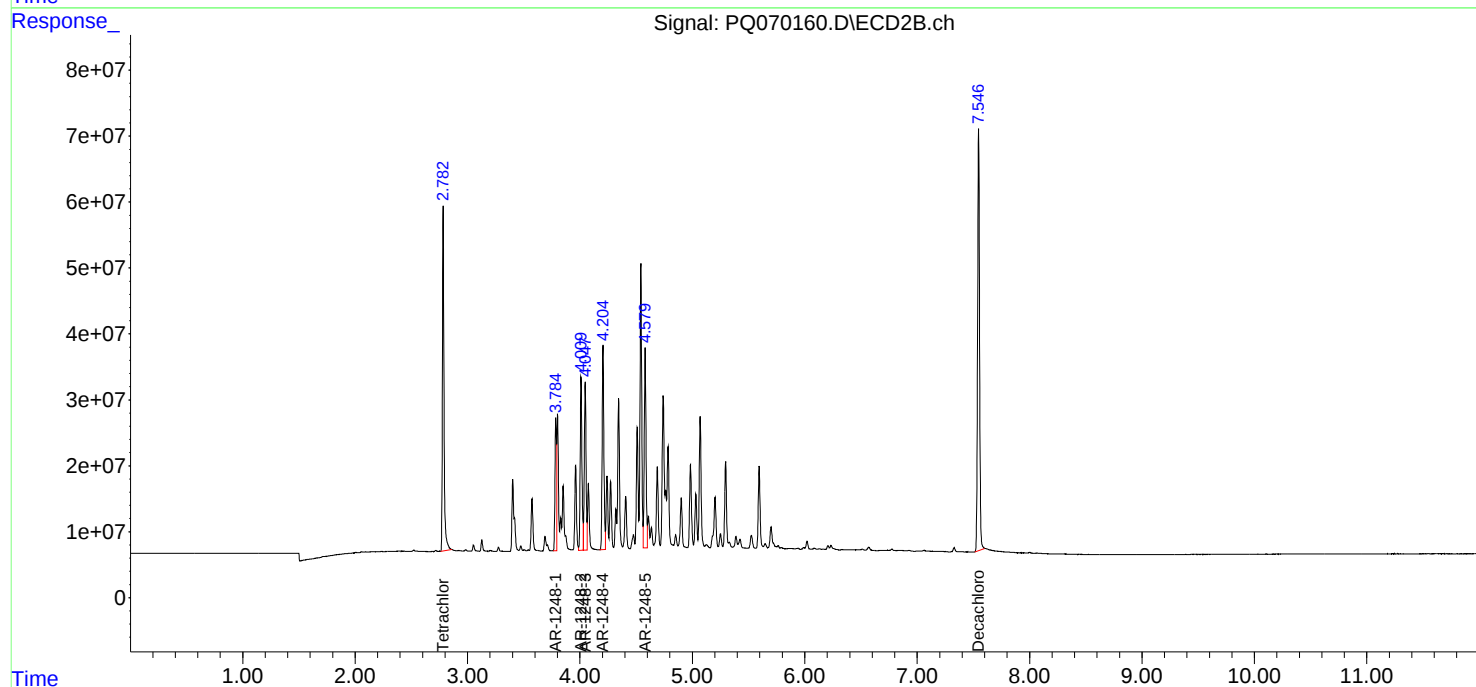
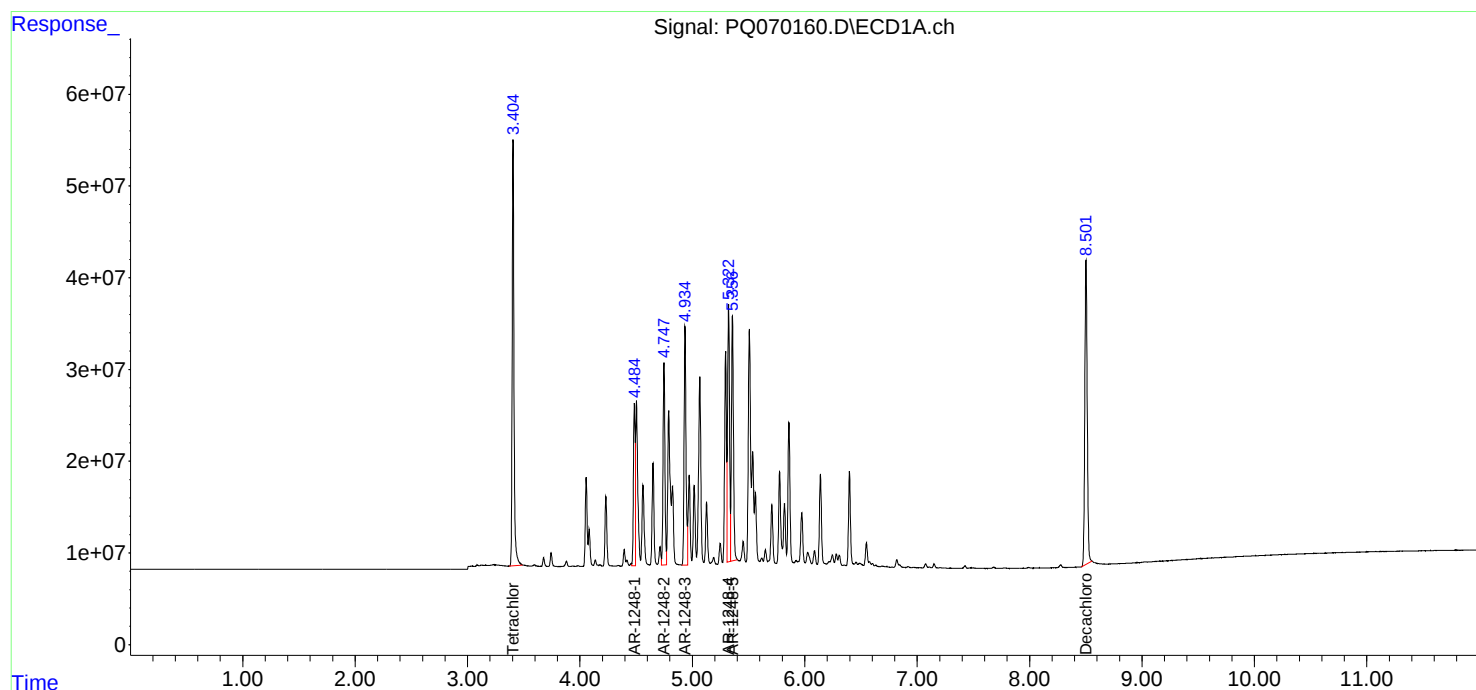
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 15:31
Operator : YP\AJ
Sample : AR1248ICC1600
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12485012

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 15:49:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 15:49:14 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\PQ040925\
 Data File : PQ070161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 15:45
 Operator : YP\AJ
 Sample : AR1254ICC100
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12541013

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 16:35:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 16:29:29 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	41480456	41510216	5.285	5.370
2) SA Decachlor...	8.502	7.547	40646204	67181618	10.716	10.827
Target Compounds						
26) L6 AR-1254-1	5.297	4.541	30285461	45223252	108.587	109.173
27) L6 AR-1254-2	5.512	4.688	46414780	40196544	108.420	109.721
28) L6 AR-1254-3	5.859	5.069	47564820	63075126	107.380	108.782
29) L6 AR-1254-4	6.140	5.295	32840315	37736954	108.328	108.082
30) L6 AR-1254-5	6.548	5.699	36615774	56720987	106.846	107.718

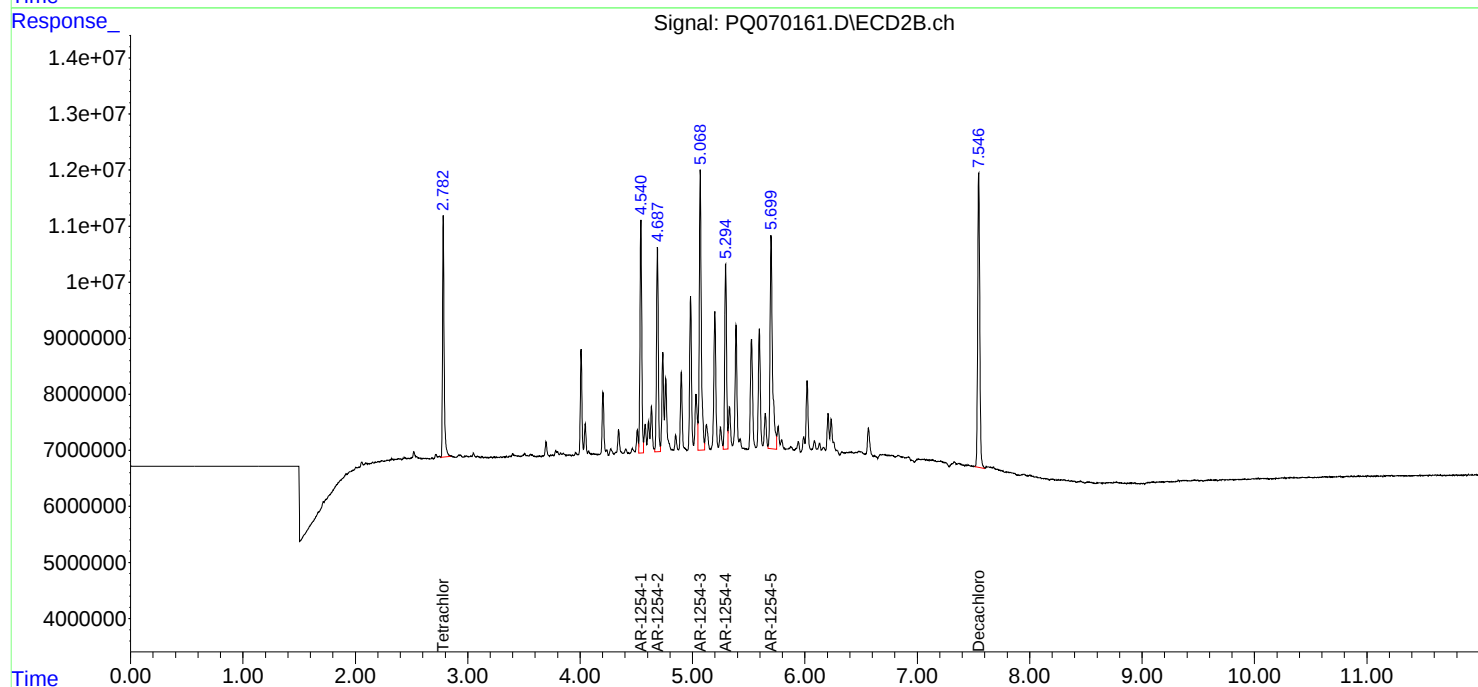
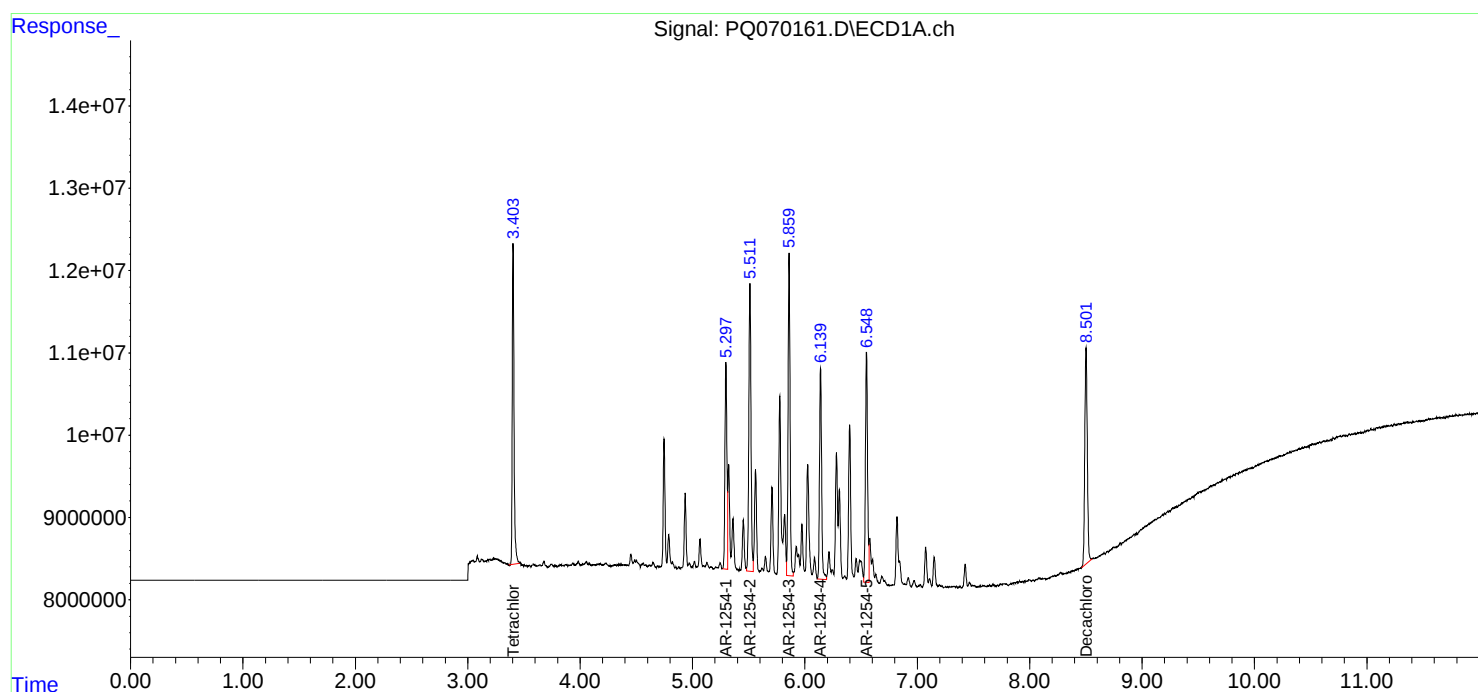
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 15:45
Operator : YP\AJ
Sample : AR1254ICC100
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12541013

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 16:35:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 16:29:29 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\PQ040925\
 Data File : PQ070162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:00
 Operator : YP\AJ
 Sample : AR1254ICC200
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12542014

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 16:32:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 16:29:29 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	2.783	79176159	77425354	10.385	10.401
2) SA Decachlor...	8.502	7.546	75543927	125.5E6	20.656	21.095
Target Compounds						
26) L6 AR-1254-1	5.297	4.541	55882361	83162036	209.353	210.412
27) L6 AR-1254-2	5.511	4.688	86190445	73610530	210.181	211.192
28) L6 AR-1254-3	5.859	5.069	88833046	116.8E6	208.230	210.611
29) L6 AR-1254-4	6.140	5.294	60009437	70154292	206.548	209.390
30) L6 AR-1254-5	6.549	5.699	68419692	106.3E6	206.726	209.990

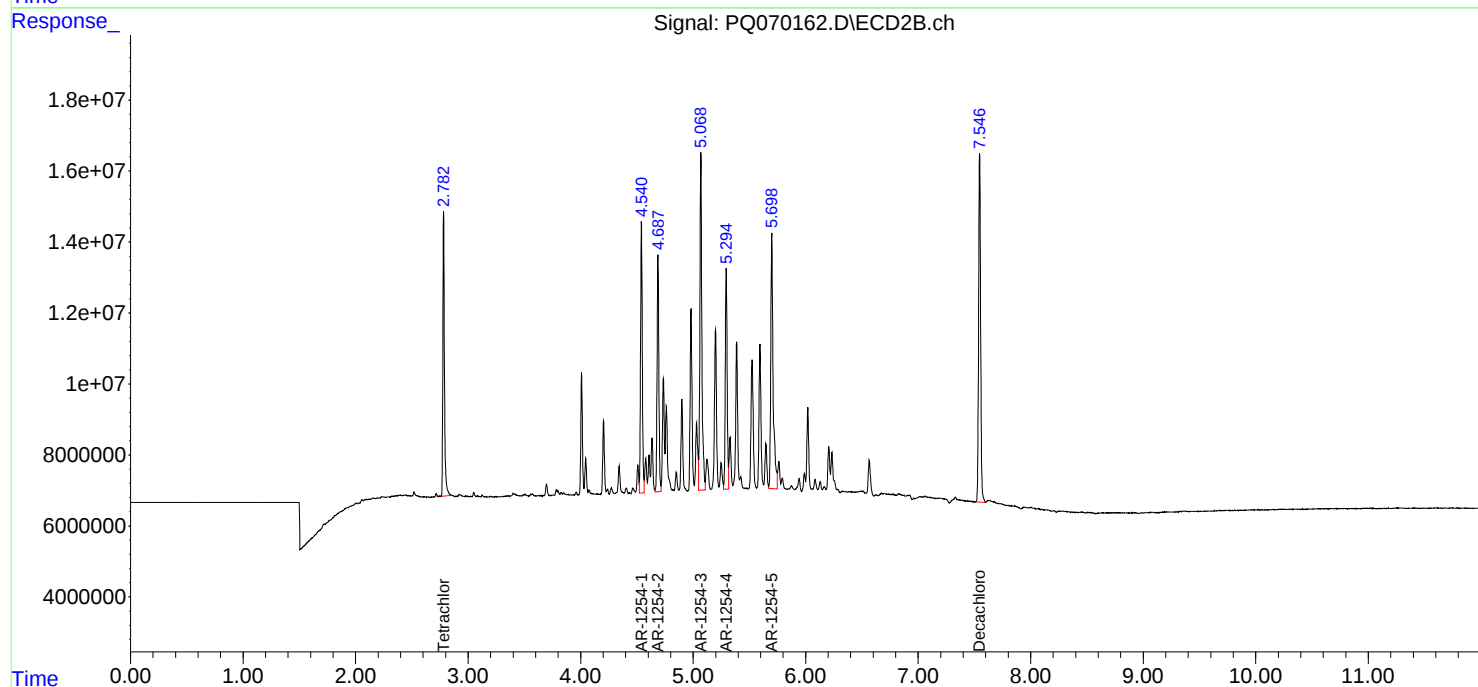
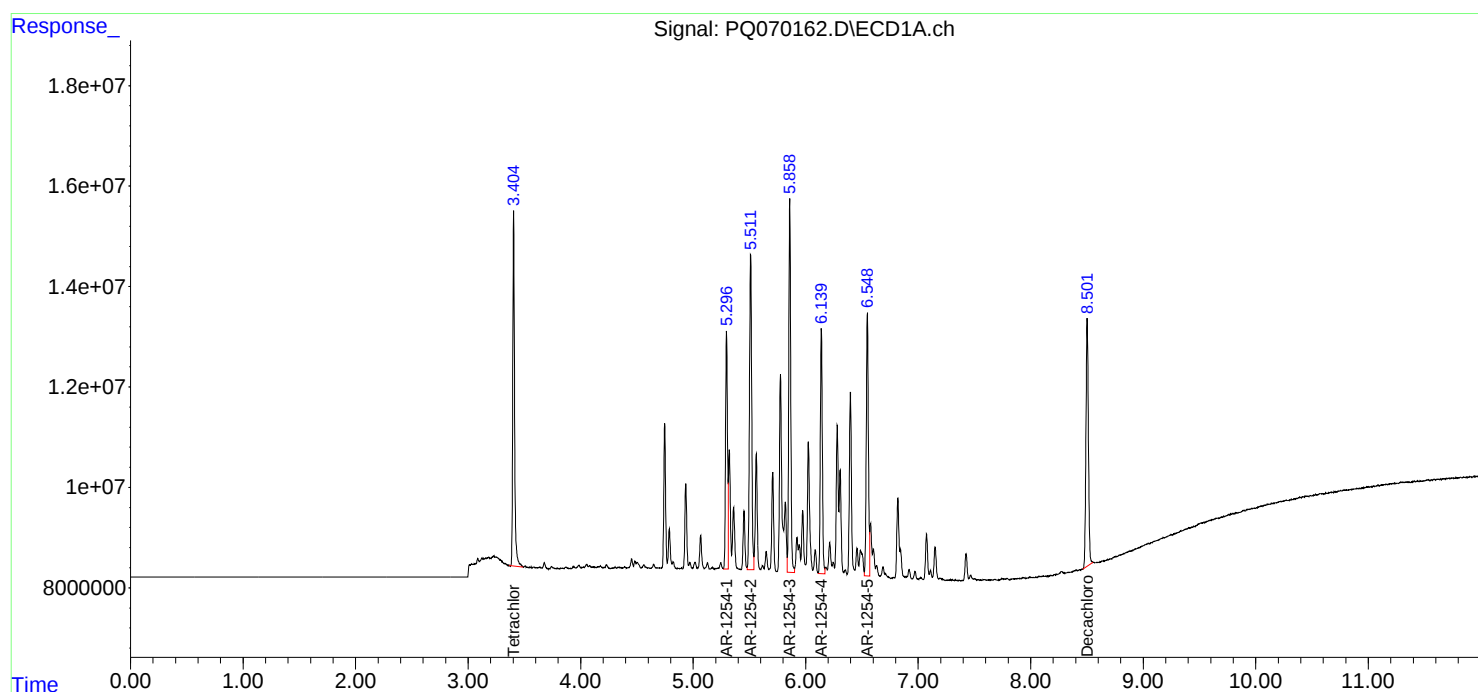
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:00
Operator : YP\AJ
Sample : AR1254ICC200
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12542014

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 16:32:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 16:29:29 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\PQ040925\
 Data File : PQ070163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:14
 Operator : YP\AJ
 Sample : AR1254ICC400
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 16:29:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 16:29:29 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	146.6E6	142.9E6	20.000	20.000
2) SA Decachlor...	8.502	7.546	141.5E6	224.9E6	40.000	40.000
Target Compounds						
26) L6 AR-1254-1	5.297	4.542	101.8E6	149.9E6	400.000	400.000
27) L6 AR-1254-2	5.511	4.688	155.7E6	131.6E6	400.000	400.000
28) L6 AR-1254-3	5.859	5.069	163.6E6	210.0E6	400.000	400.000
29) L6 AR-1254-4	6.140	5.295	112.4E6	127.7E6	400.000	400.000
30) L6 AR-1254-5	6.549	5.700	127.9E6	192.4E6	400.000	400.000

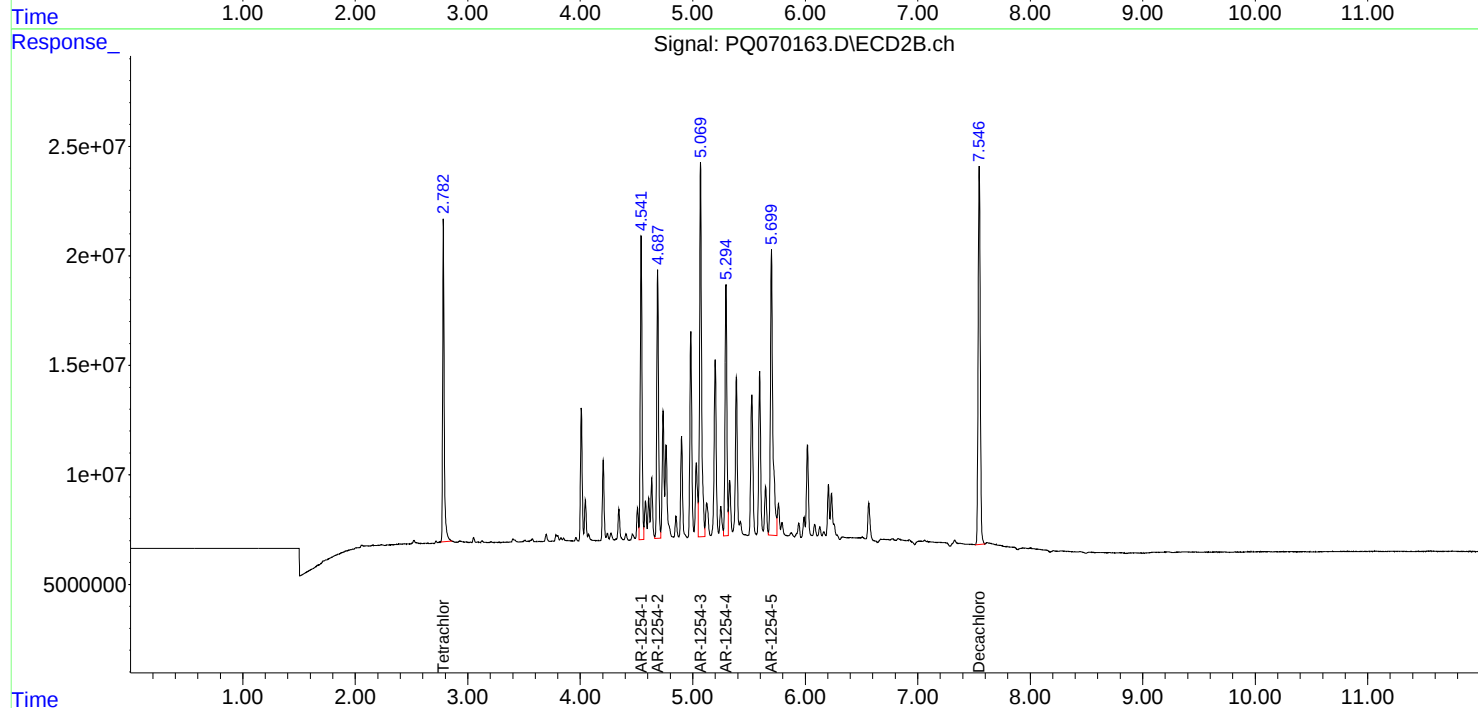
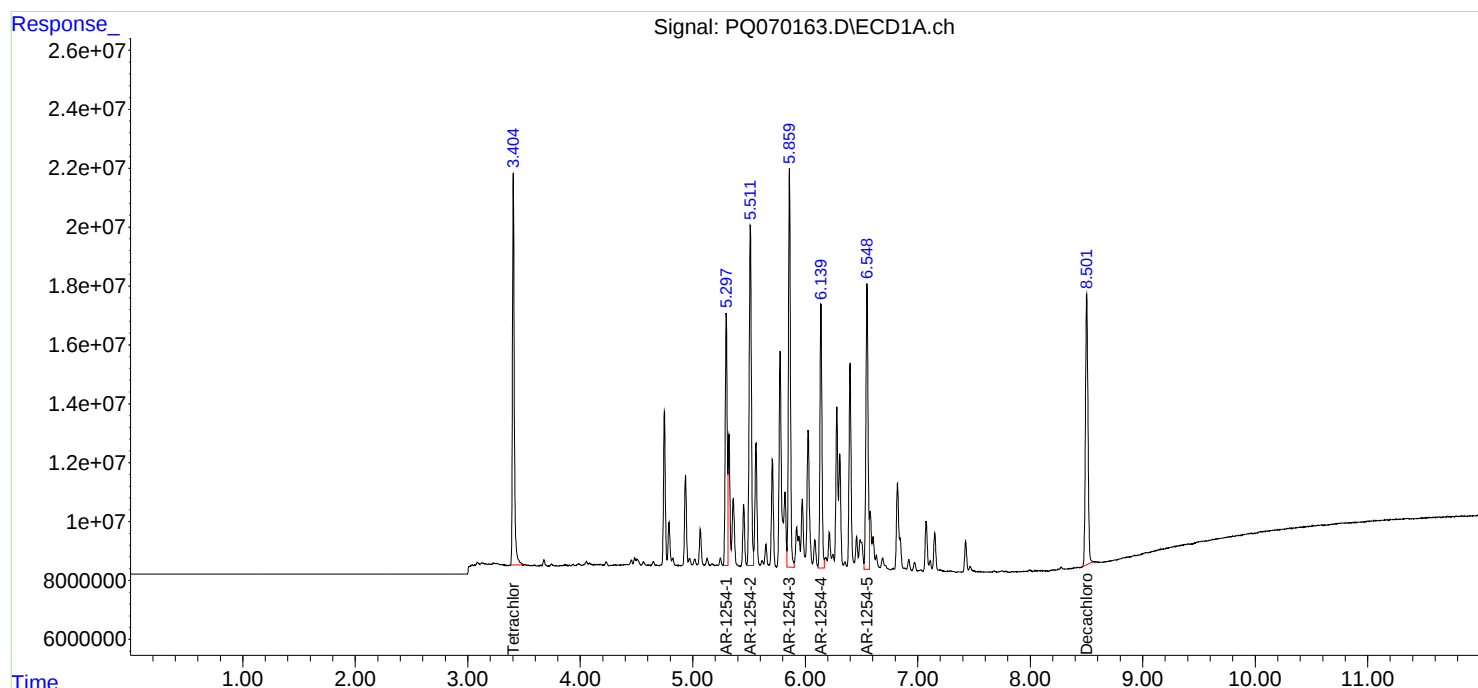
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:14
Operator : YP\AJ
Sample : AR1254ICC400
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12543015

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 16:29:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 16:29:29 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\PQ040925\
 Data File : PQ070164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:29
 Operator : YP\AJ
 Sample : AR1254ICC800
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12544016

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 17:21:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 17:21:31 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	264.8E6	254.6E6	35.116	34.455
2) SA Decachlor...	8.502	7.547	258.6E6	406.5E6	70.799	68.614
Target Compounds						
26) L6 AR-1254-1	5.297	4.541	180.9E6	262.3E6	680.779	668.046
27) L6 AR-1254-2	5.511	4.688	278.4E6	229.4E6	682.182	662.037
28) L6 AR-1254-3	5.859	5.069	296.4E6	368.9E6	697.662	670.492
29) L6 AR-1254-4	6.140	5.295	204.0E6	225.3E6	700.834	678.143
30) L6 AR-1254-5	6.548	5.700	230.8E6	342.9E6	701.120	683.025

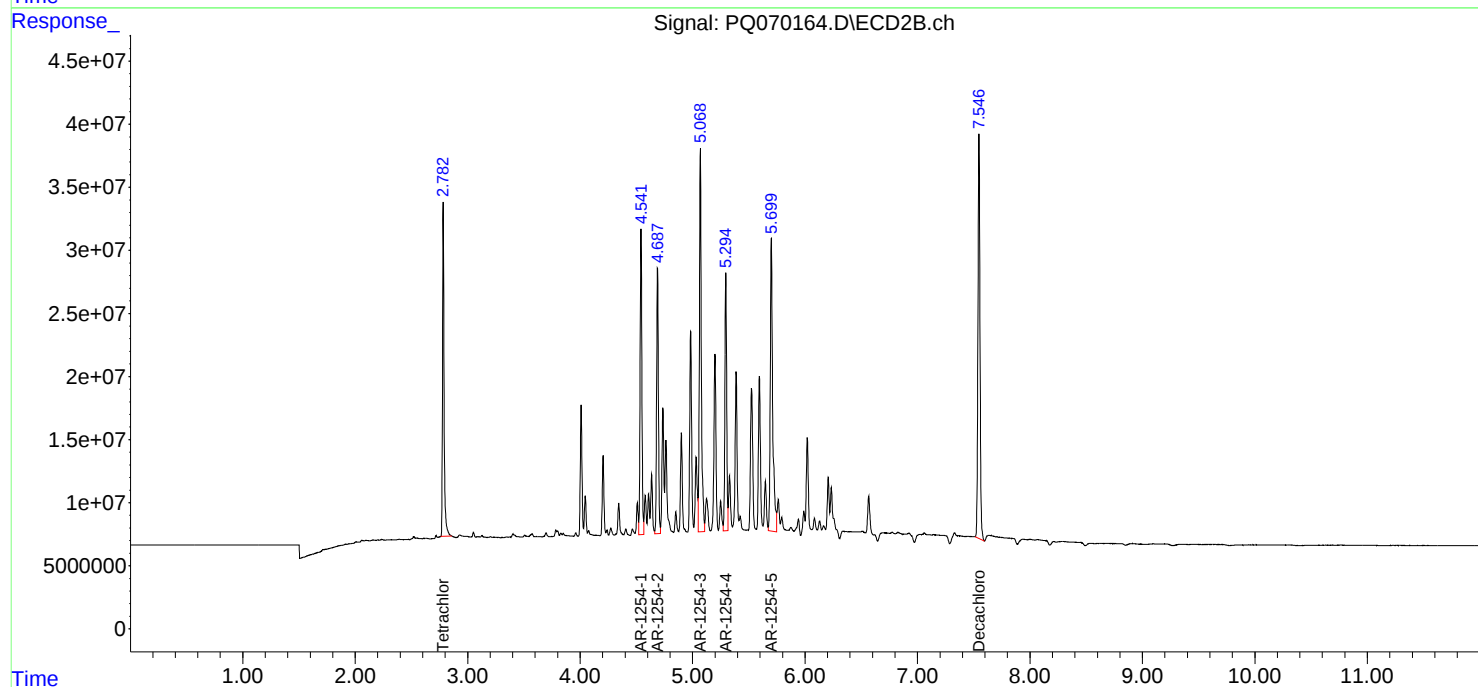
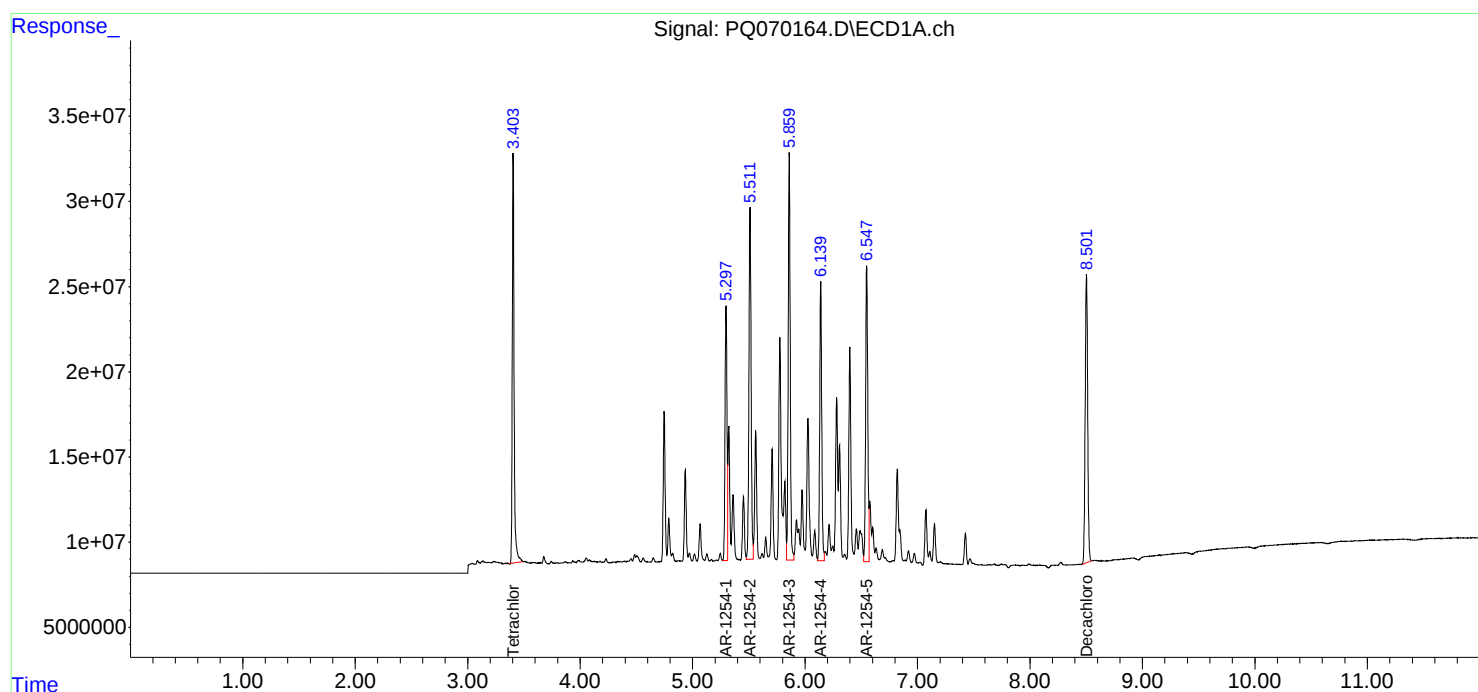
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:29
Operator : YP\AJ
Sample : AR1254ICC800
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12544016

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 17:21:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 17:21:31 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\PQ040925\
 Data File : PQ070165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:43
 Operator : YP\AJ
 Sample : AR1254ICC1600
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12545017

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 17:24:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 09 17:24:11 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	506.6E6	495.5E6	69.399	69.300
2) SA Decachlor...	8.502	7.546	497.4E6	778.2E6	140.339	136.234
Target Compounds						
26) L6 AR-1254-1	5.297	4.541	341.0E6	499.4E6	1336.241	1326.238
27) L6 AR-1254-2	5.511	4.688	529.7E6	435.2E6	1348.887	1312.584
28) L6 AR-1254-3	5.859	5.069	568.0E6	716.7E6	1382.363	1352.968
29) L6 AR-1254-4	6.139	5.295	395.9E6	439.1E6	1401.847	1369.092
30) L6 AR-1254-5	6.548	5.699	446.7E6	654.0E6	1399.730	1352.915

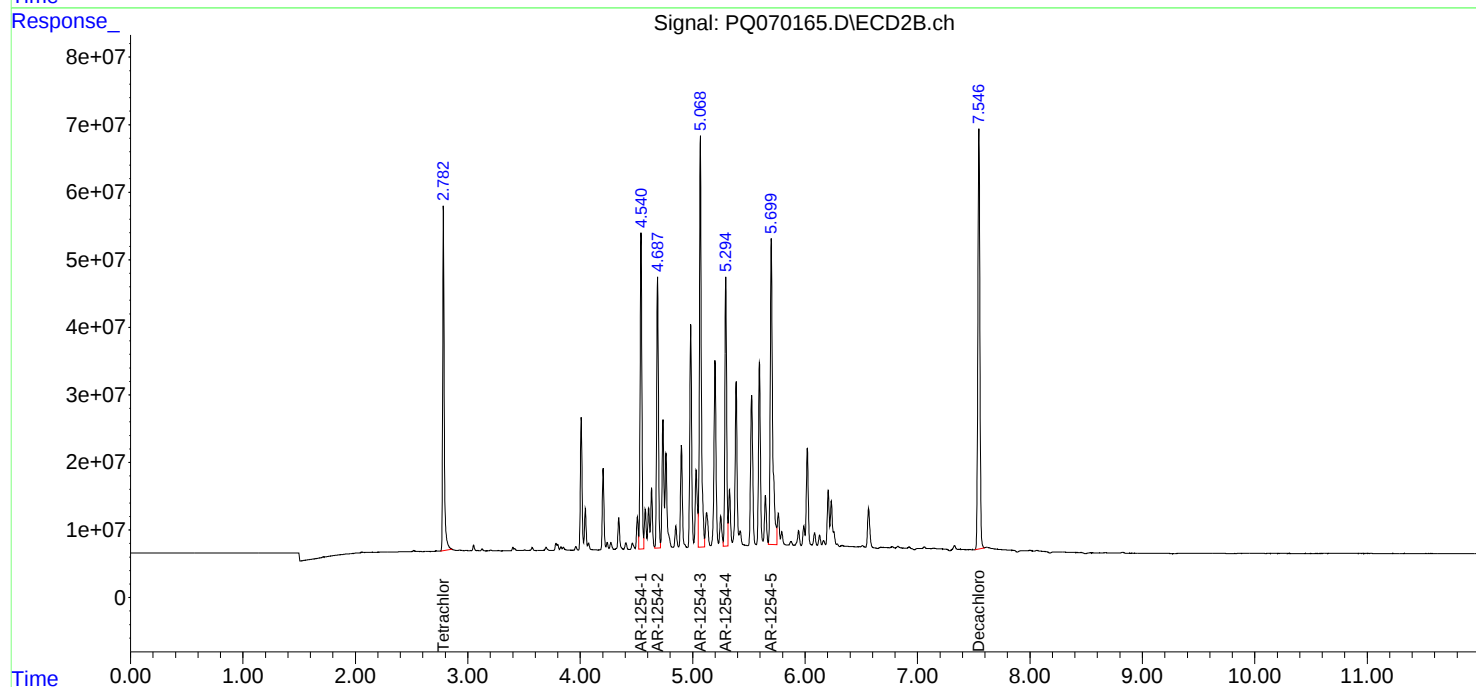
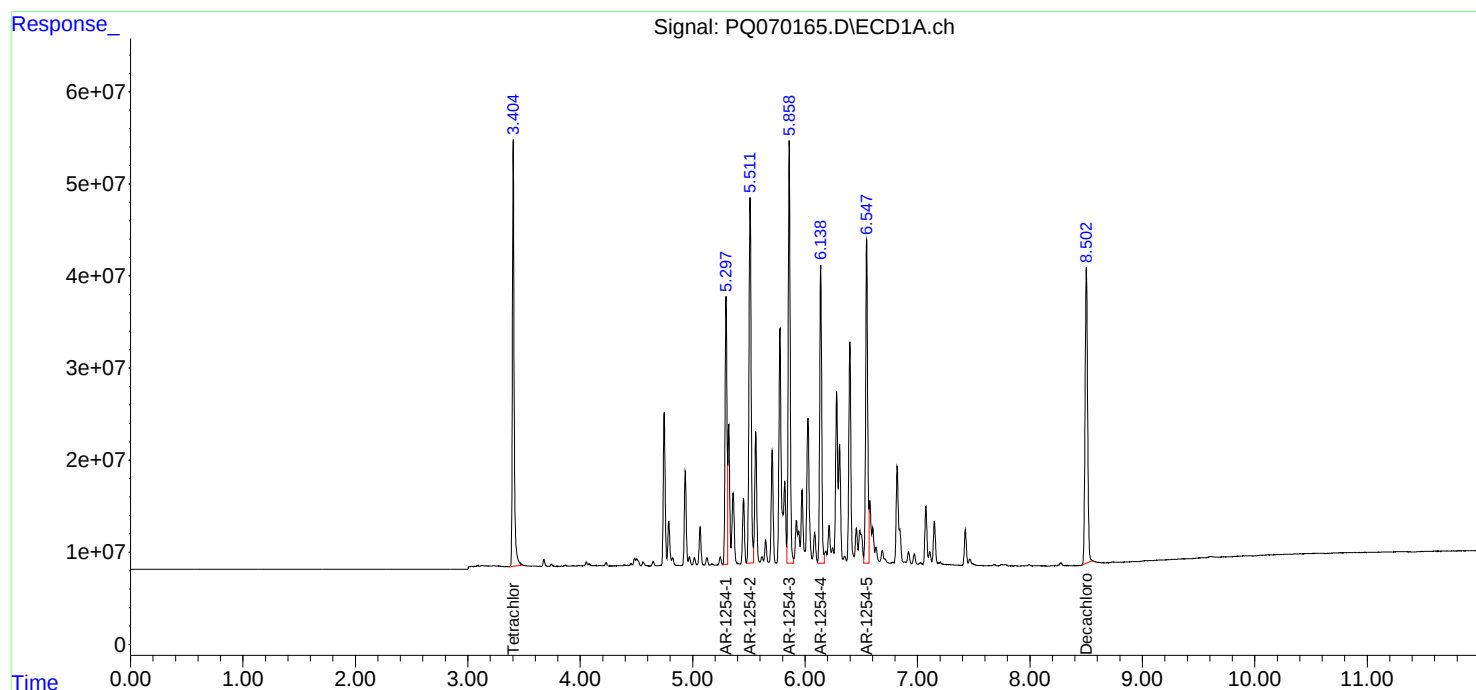
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:43
Operator : YP\AJ
Sample : AR1254ICC1600
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12545017

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 17:24:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 09 17:24:11 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\PQ040925\
 Data File : PQ070166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:58
 Operator : YP\AJ
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR12621018

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/10/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:30:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:05:05 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	2.782	42699375	38250757	5.942	5.495
2) SA Decachlor...	8.502	7.544	43172201	62707119	12.135	11.427m
Target Compounds						
36) L8 AR-1262-1	6.846	5.740	41513718	54917557	116.818	113.238m
37) L8 AR-1262-2	7.151	5.987	74517704	50348453	119.126	113.059m
38) L8 AR-1262-3	7.424	6.509	43389123	43307256	104.006	124.159
39) L8 AR-1262-4	7.498	6.570	37360598	72425569	110.409	114.299
40) L8 AR-1262-5	7.993	7.060	23127368	32140928	116.162	106.673

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:58
Operator : YP\AJ
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR12621018

Manual Integrations

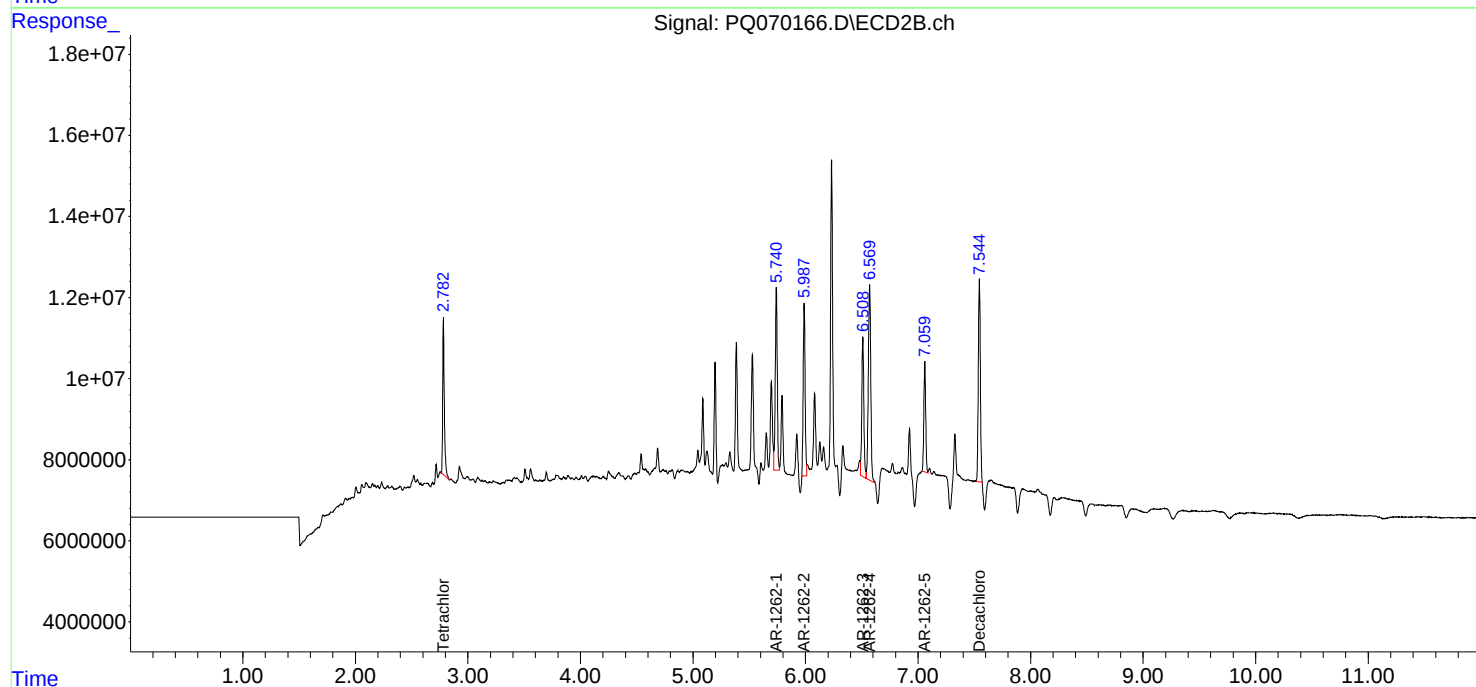
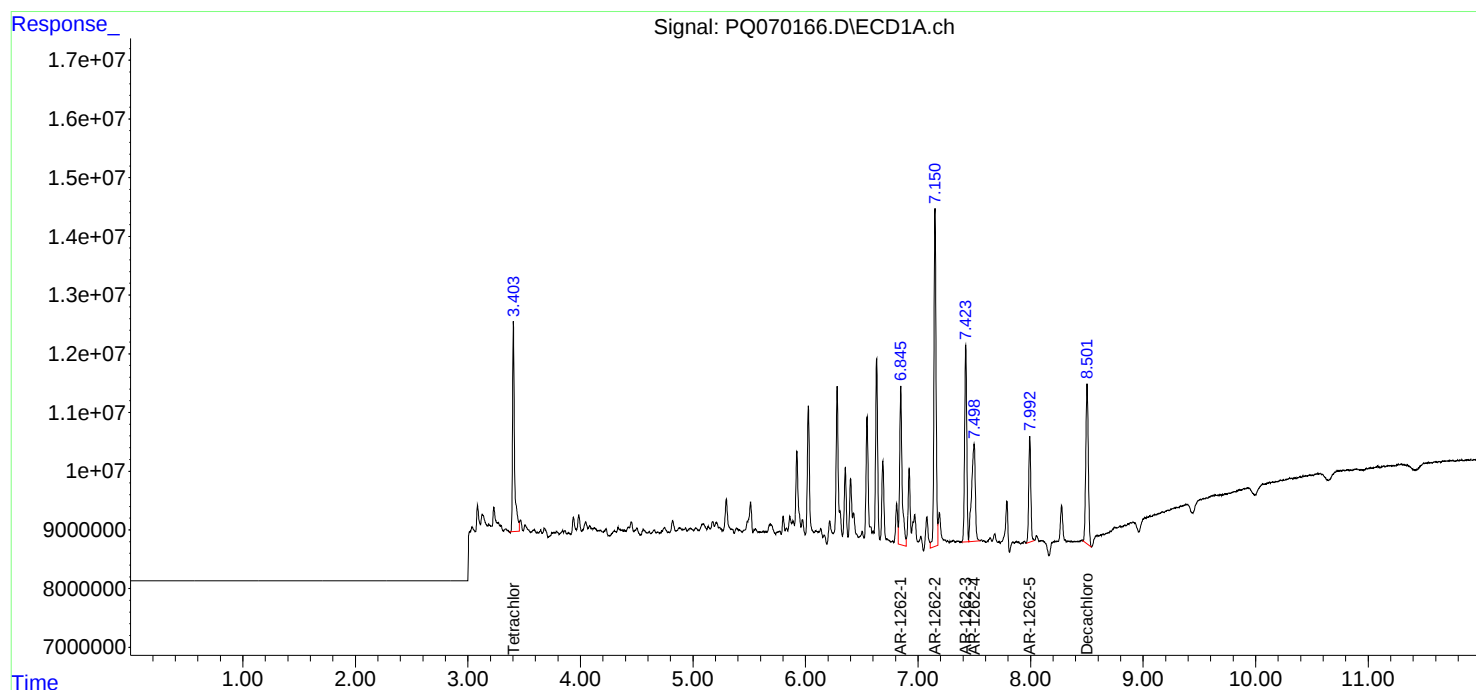
APPROVED

Reviewed By :Yogesh Patel 04/10/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:30:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:05:05 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\PQ040925\
 Data File : PQ070167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 17:13
 Operator : YP\AJ
 Sample : AR1262ICC200
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12622019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:30:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:05:05 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	2.782	79217453	71638126	11.023	10.291
2) SA Decachlor...	8.503	7.545	76525200	121.6E6	21.510	22.164
Target Compounds						
36) L8 AR-1262-1	6.846	5.741	74933099	105.3E6	210.858	217.088
37) L8 AR-1262-2	7.151	5.988	134.6E6	101.8E6	215.162	228.617
38) L8 AR-1262-3	7.424	6.510	87352422	77050144	209.388	220.897
39) L8 AR-1262-4	7.497	6.569	69625144	129.9E6	205.757	205.056
40) L8 AR-1262-5	7.992	7.061	42828765	63147358	215.116	209.581

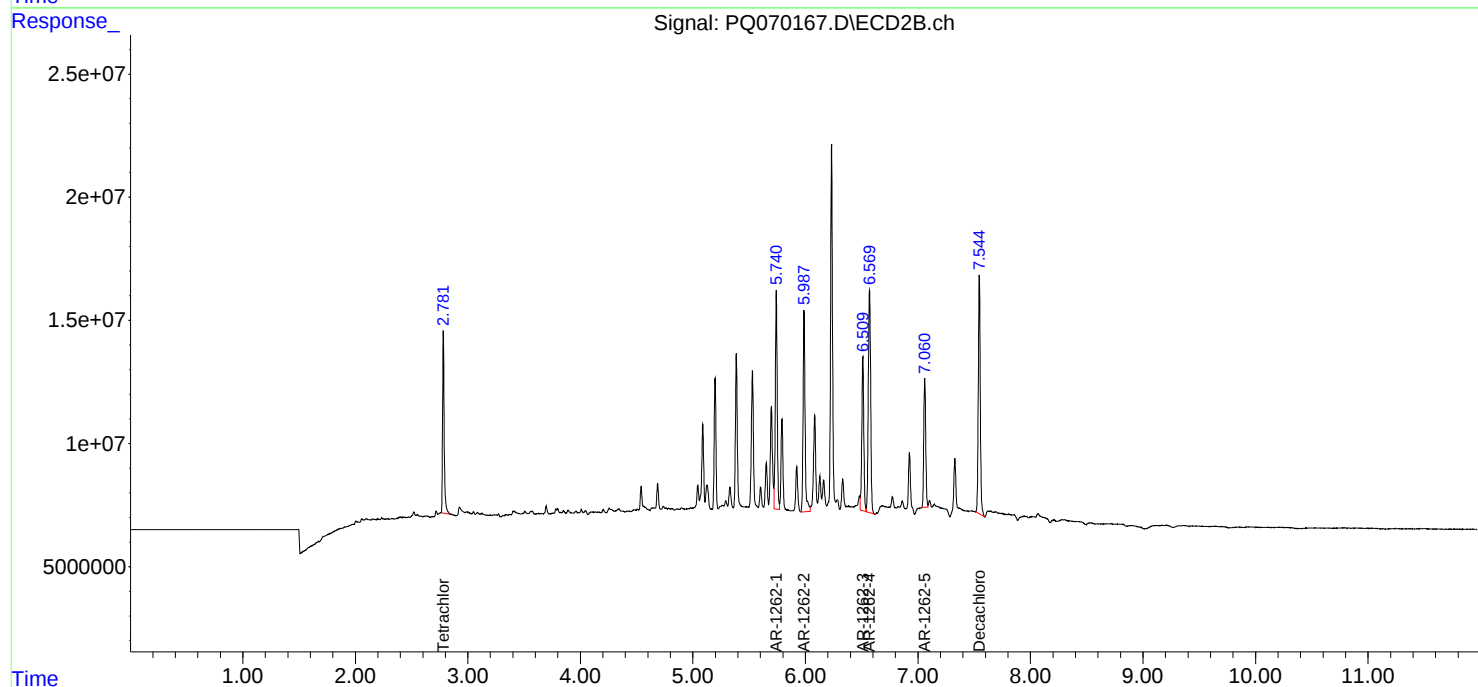
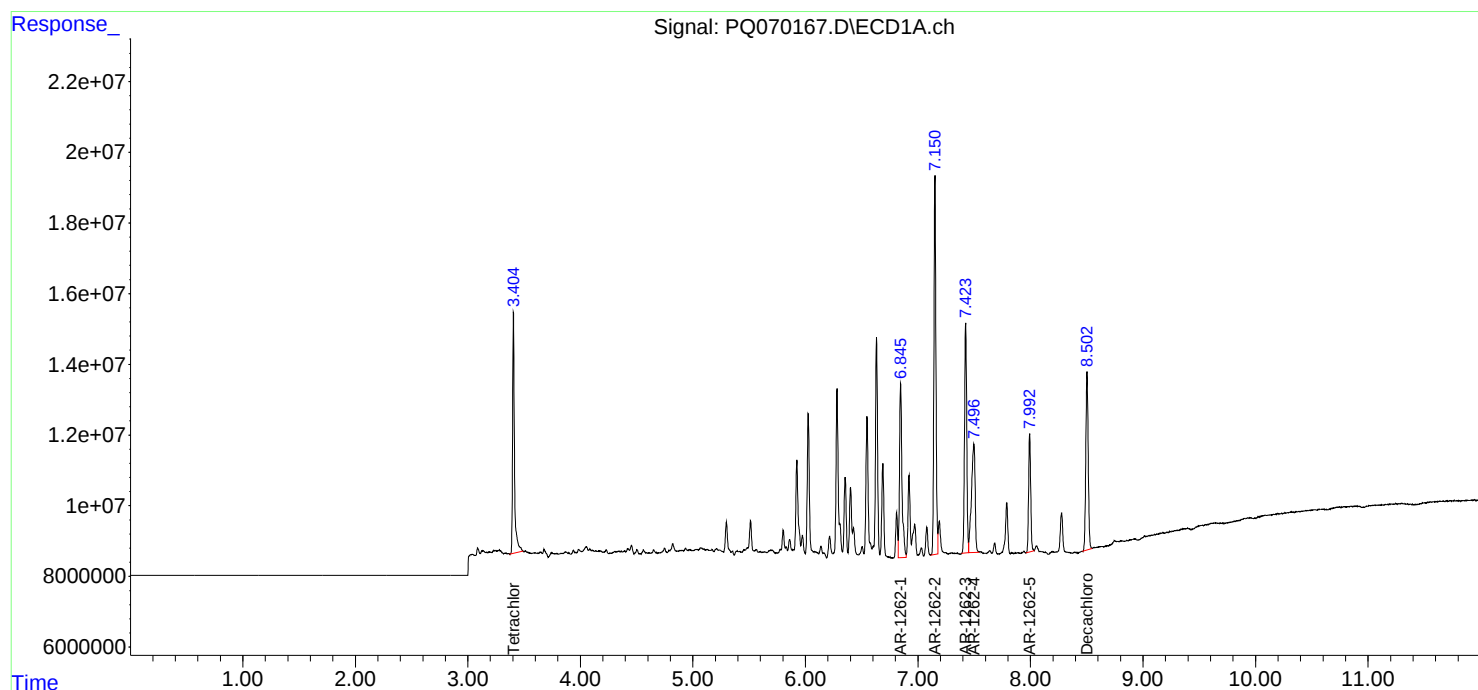
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 17:13
Operator : YP\AJ
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12622019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:05:05 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\PQ040925\
 Data File : PQ070168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 17:27
 Operator : YP\AJ
 Sample : AR1262ICC400
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12623020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:30:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:05:05 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	2.782	143.7E6	139.2E6	20.000	20.000
2) SA Decachlor...	8.502	7.545	142.3E6	219.5E6	40.000	40.000
Target Compounds						
36) L8 AR-1262-1	6.845	5.741	142.1E6	194.0E6	400.000	400.000
37) L8 AR-1262-2	7.151	5.989	250.2E6	178.1E6	400.000	400.000
38) L8 AR-1262-3	7.424	6.510	166.9E6	139.5E6	400.000	400.000
39) L8 AR-1262-4	7.497	6.571	135.4E6	253.5E6	400.000	400.000
40) L8 AR-1262-5	7.992	7.061	79638600	120.5E6	400.000	400.000

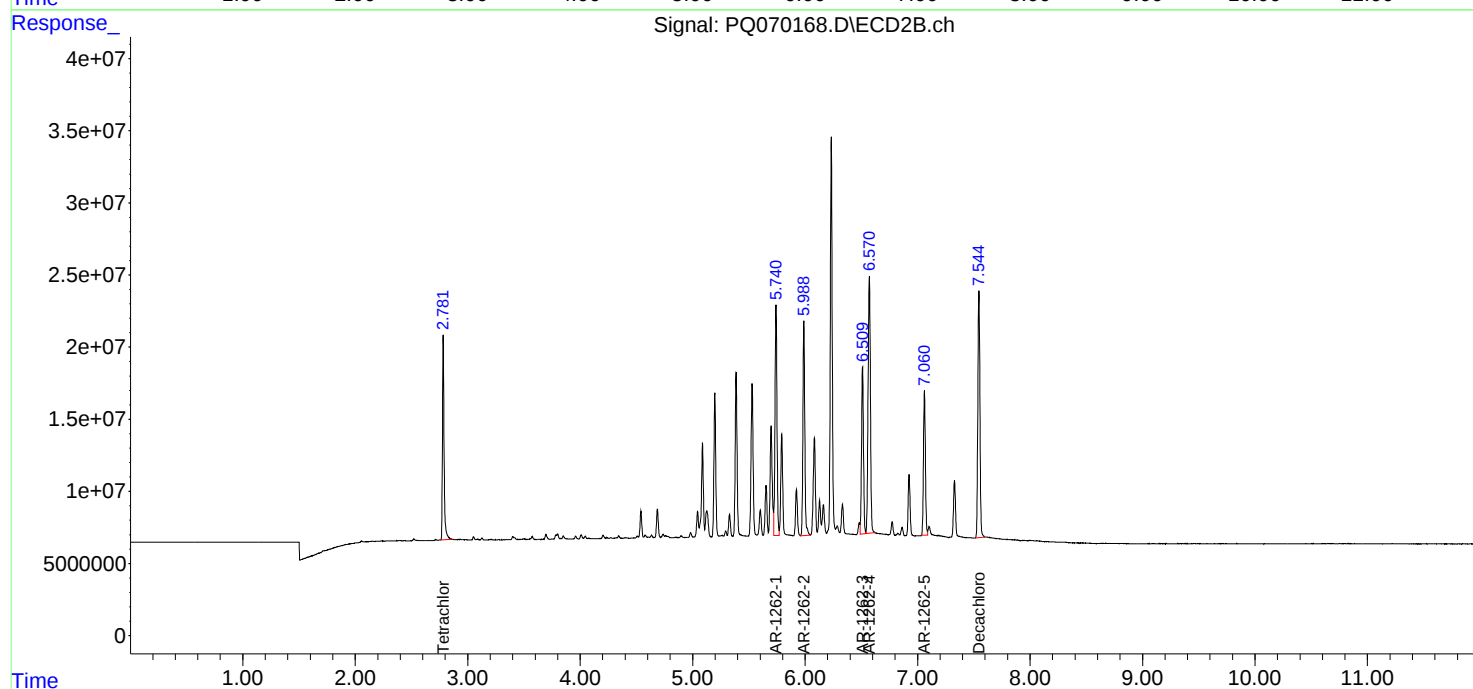
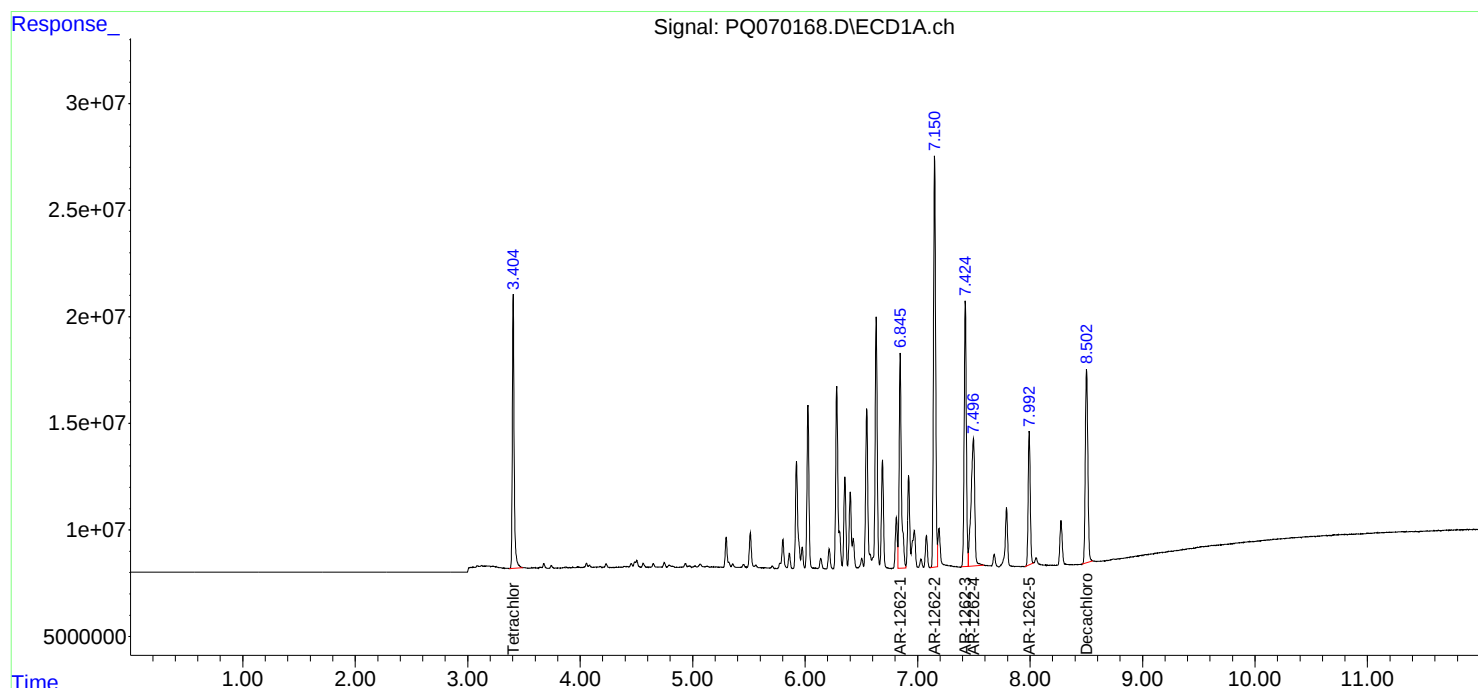
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 17:27
Operator : YP\AJ
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12623020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:30:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:05:05 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\PQ040925\
 Data File : PQ070169.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 17:42
 Operator : YP\AJ
 Sample : AR1262ICC800
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12624021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:31:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:05:05 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	2.782	260.9E6	244.2E6	36.303	35.082
2) SA Decachlor...	8.503	7.545	264.0E6	404.1E6	74.214	73.636
Target Compounds						
36) L8 AR-1262-1	6.846	5.741	260.2E6	346.1E6	732.140	713.710
37) L8 AR-1262-2	7.151	5.988	473.7E6	333.8E6	757.346	749.652
38) L8 AR-1262-3	7.425	6.510	303.4E6	252.3E6	727.310	723.248
39) L8 AR-1262-4	7.496	6.570	248.6E6	456.9E6	734.802	721.057
40) L8 AR-1262-5	7.993	7.061	150.4E6	220.4E6	755.483	731.377

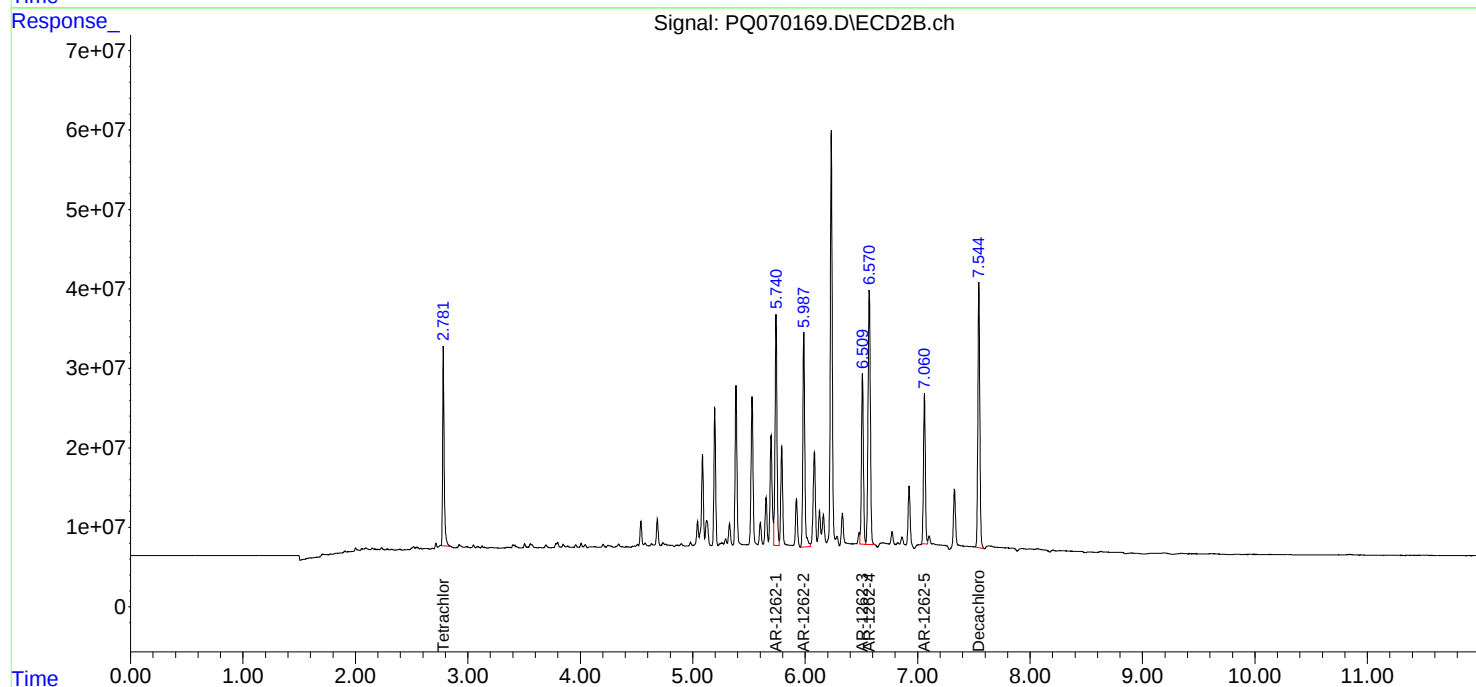
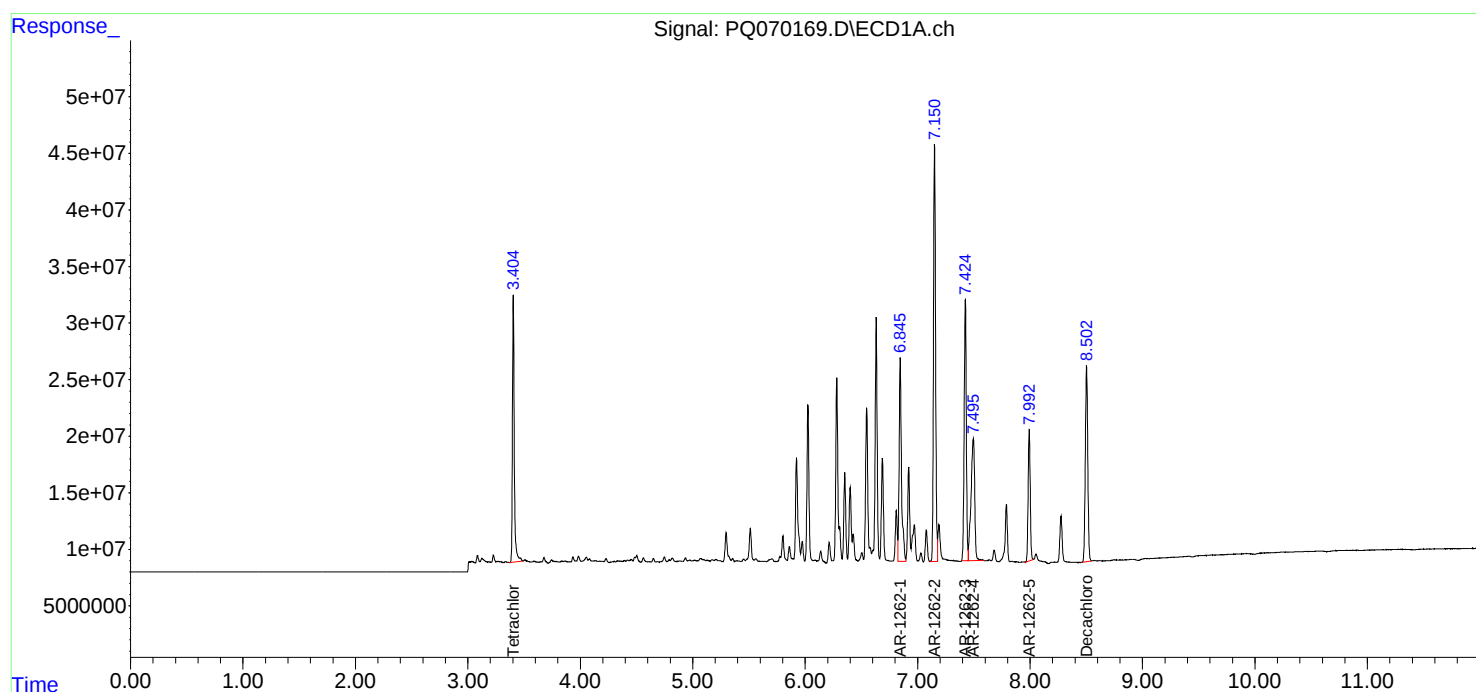
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 17:42
Operator : YP\AJ
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12624021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:05:05 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\PQ040925\
 Data File : PQ070170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 17:56
 Operator : YP\AJ
 Sample : AR1262ICC1600
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12625022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:31:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:05:05 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	2.782	514.4E6	497.4E6	71.577	71.451
2) SA Decachlor...	8.502	7.545	511.6E6	783.0E6	143.788	142.679
Target Compounds						
36) L8 AR-1262-1	6.846	5.741	510.4E6	677.6E6	1436.326	1397.267
37) L8 AR-1262-2	7.151	5.988	938.5E6	632.5E6	1500.271	1420.405
38) L8 AR-1262-3	7.424	6.510	611.7E6	498.7E6	1466.317	1429.752
39) L8 AR-1262-4	7.498	6.570	488.7E6	929.5E6	1444.359	1466.933
40) L8 AR-1262-5	7.992	7.060	290.4E6	437.9E6	1458.810	1453.514

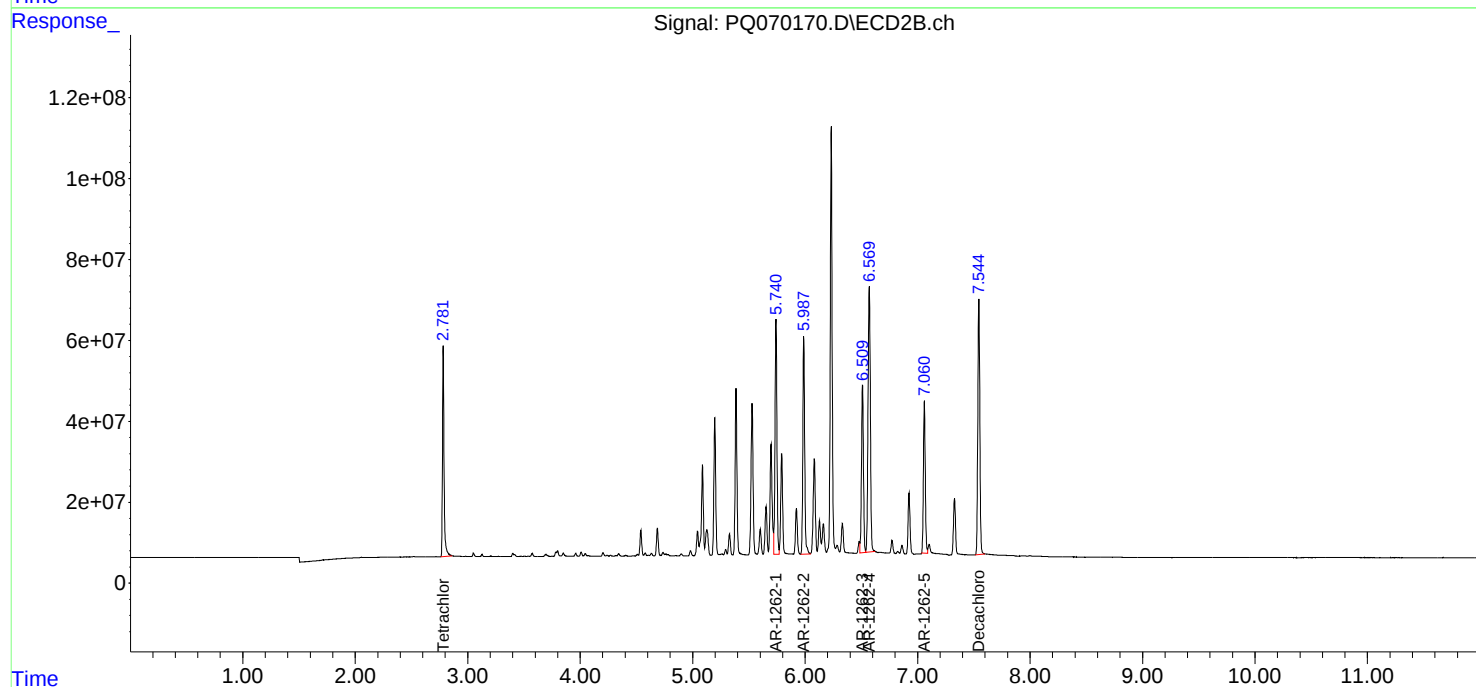
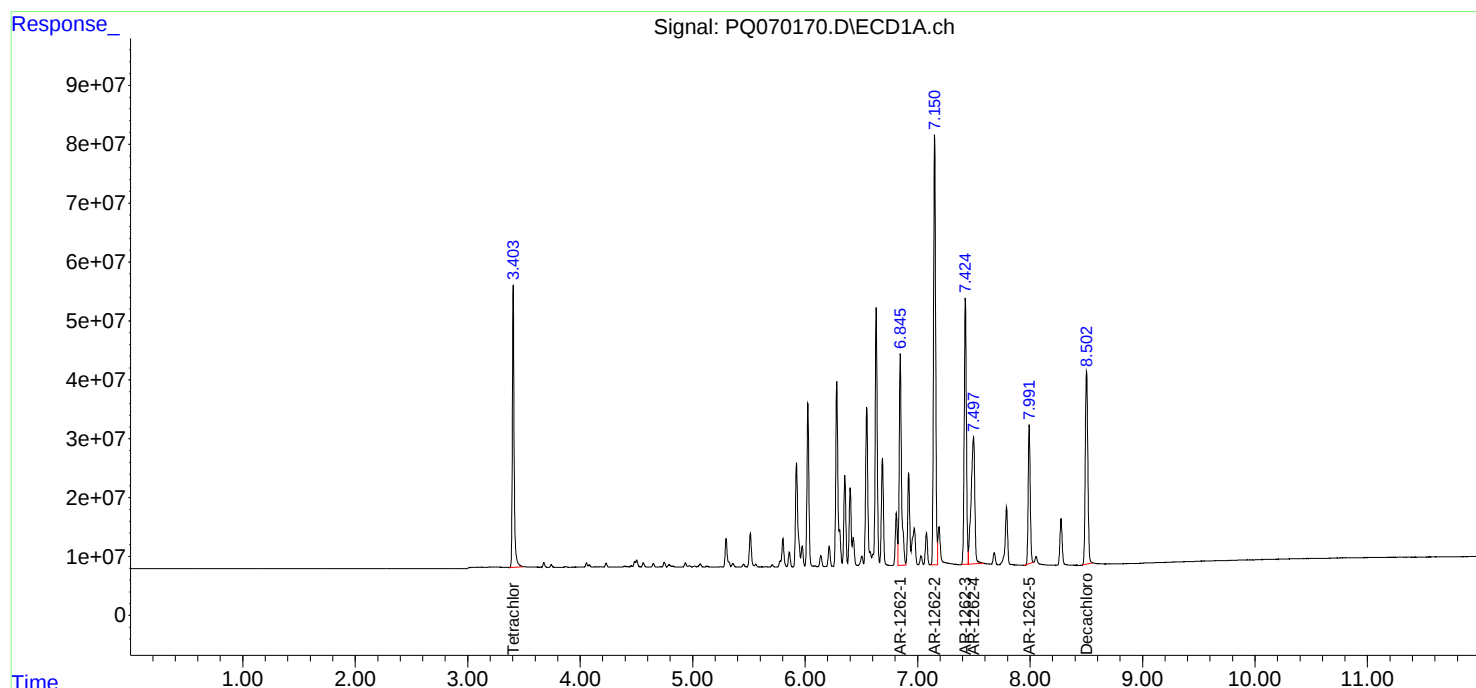
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 17:56
Operator : YP\AJ
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12625022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:05:05 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\PQ040925\
 Data File : PQ070171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:11
 Operator : YP\AJ
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12681023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:42:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:41:06 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	2.782	42945972	39726003	5.955	5.794
2) SA Decachlor...	8.503	7.545	80609661	124.8E6	11.907	11.894
Target Compounds						
41) L9 AR-1268-1	7.423	6.510	85186784	117.3E6	117.160	117.587
42) L9 AR-1268-2	7.500	6.572	79291940	106.0E6	115.451	117.409
43) L9 AR-1268-3	7.681	6.773	67390689	97060099	118.383	117.152
44) L9 AR-1268-4	7.992	7.060	26277255	39245243	114.118	113.682
45) L9 AR-1268-5	8.276	7.327	188.4E6	293.2E6	115.000	119.260

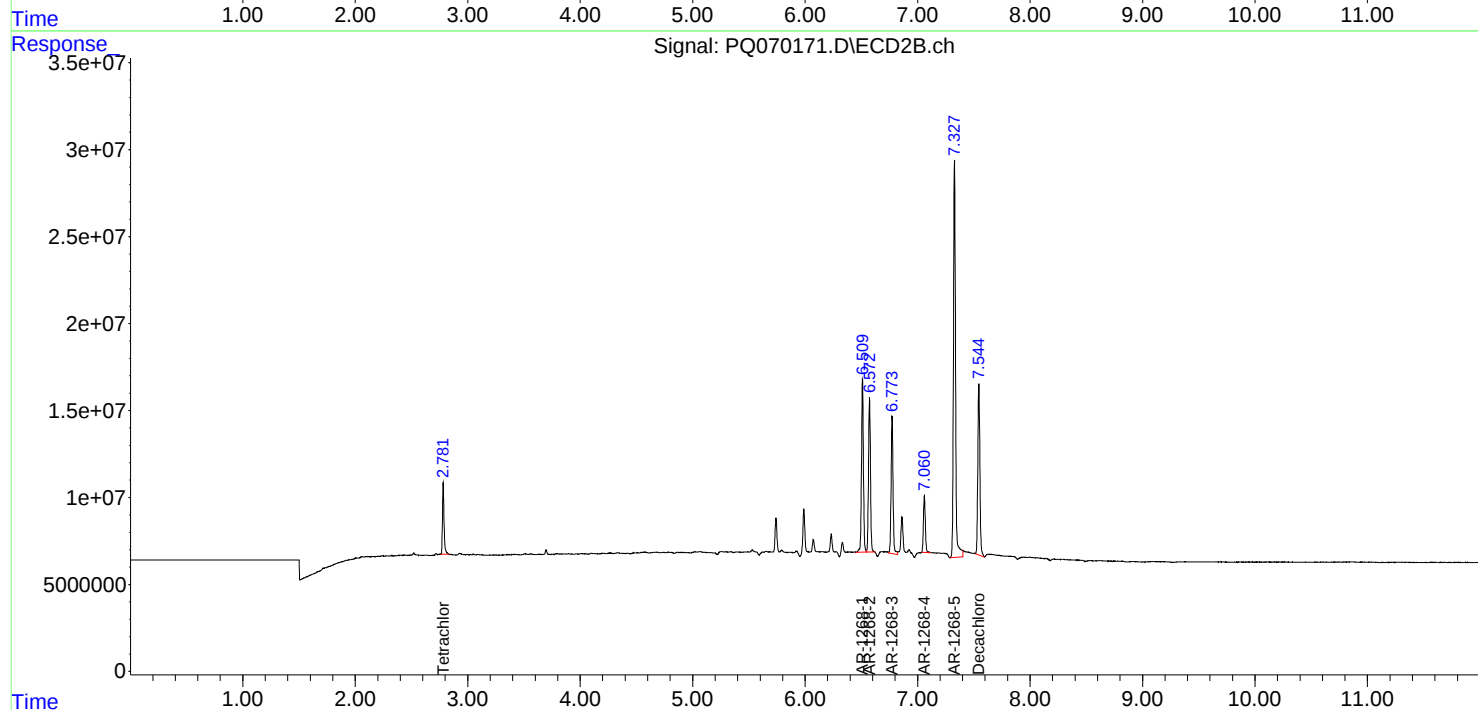
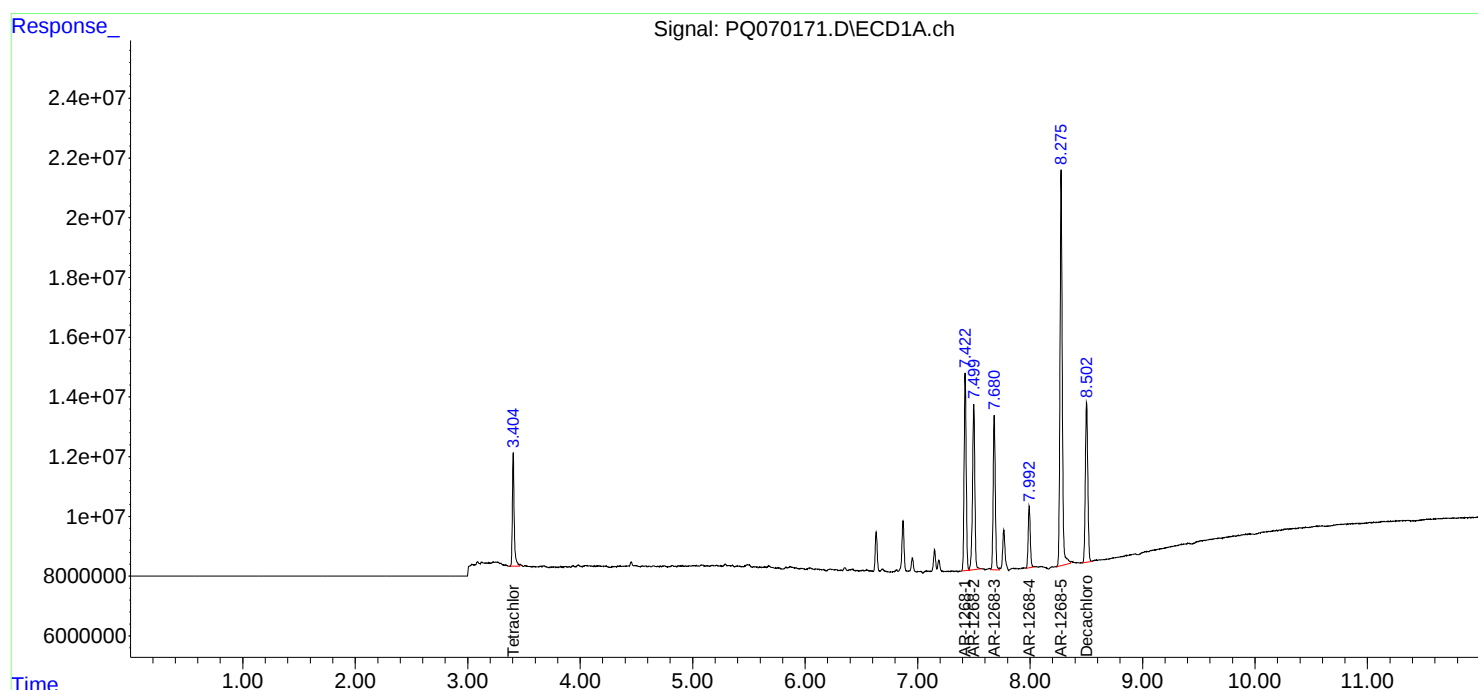
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:11
Operator : YP\AJ
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12681023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:42:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:41:06 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\PQ040925\
 Data File : PQ070172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:25
 Operator : YP\AJ
 Sample : AR1268ICC200
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12682024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:42:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:41:06 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	2.782	80407532	77332774	11.149	11.279
2) SA Decachlor...	8.502	7.543	150.3E6	231.0E6	22.202	22.018
Target Compounds						
41) L9 AR-1268-1	7.424	6.508	163.2E6	222.1E6	224.507	222.671
42) L9 AR-1268-2	7.500	6.571	152.1E6	202.9E6	221.485	224.854
43) L9 AR-1268-3	7.682	6.772	125.6E6	178.3E6	220.604	215.191
44) L9 AR-1268-4	7.993	7.059	51248131	75662928	222.562	219.174
45) L9 AR-1268-5	8.275	7.326	357.0E6	540.4E6	217.877	219.848

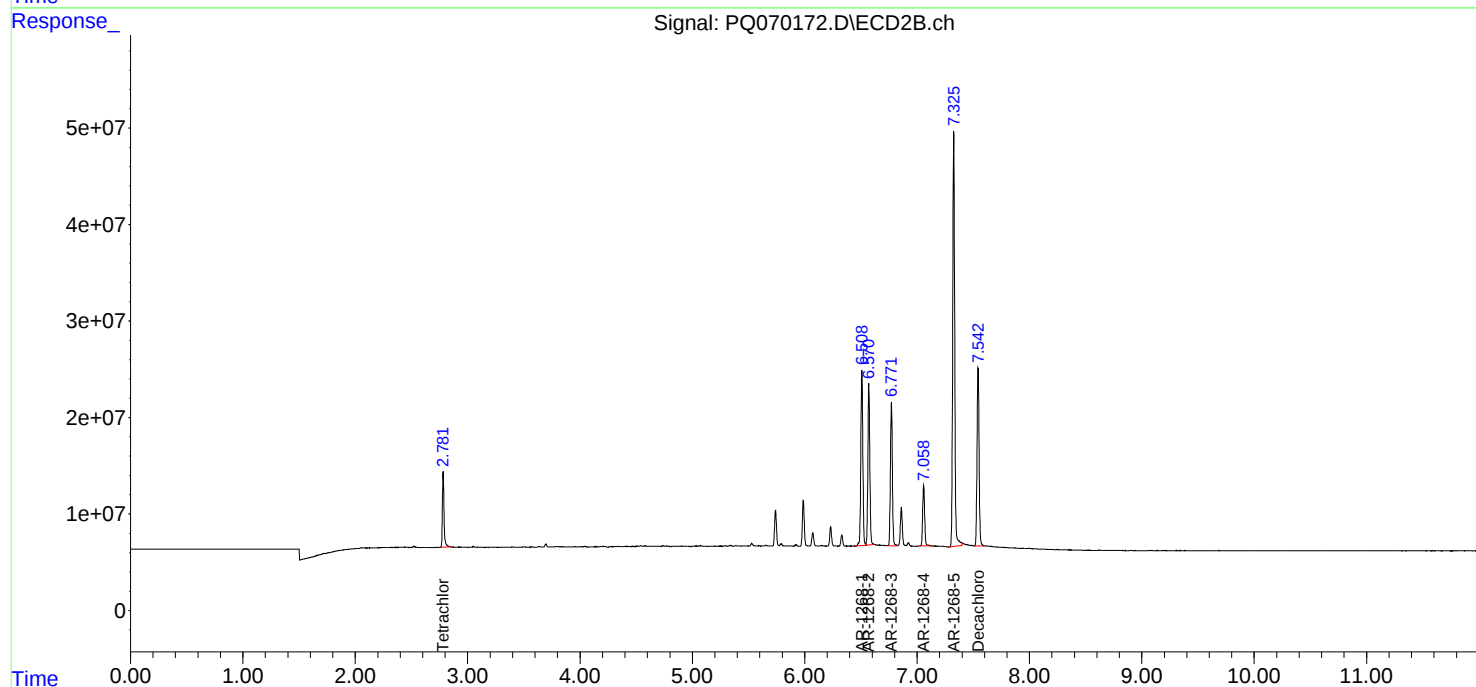
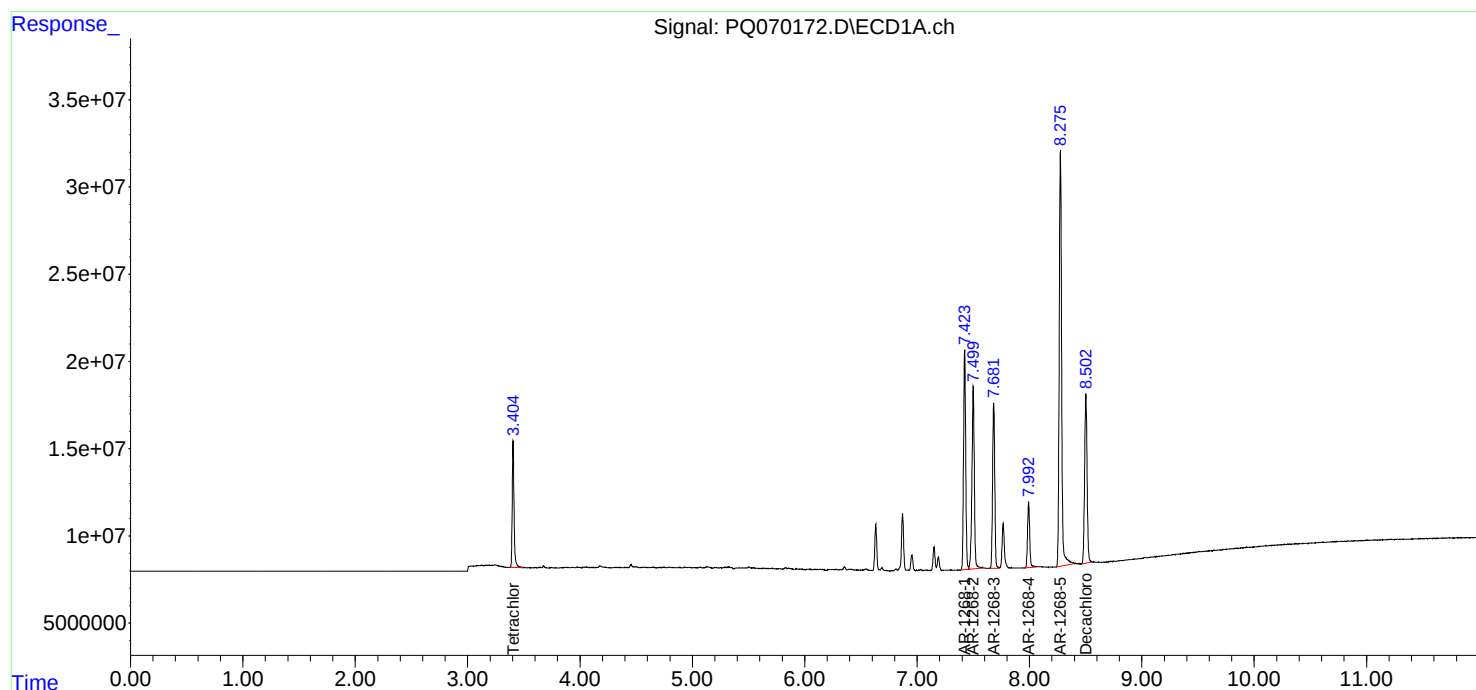
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:25
Operator : YP\AJ
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12682024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:41:06 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\PQ040925\
 Data File : PQ070173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:40
 Operator : YP\AJ
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12683025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:42:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:41:06 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	144.2E6	137.1E6	20.000	20.000
2) SA Decachlor...	8.502	7.546	270.8E6	419.6E6	40.000	40.000
Target Compounds						
41) L9 AR-1268-1	7.423	6.511	290.8E6	398.9E6	400.000	400.000
42) L9 AR-1268-2	7.499	6.574	274.7E6	361.0E6	400.000	400.000
43) L9 AR-1268-3	7.682	6.775	227.7E6	331.4E6	400.000	400.000
44) L9 AR-1268-4	7.992	7.062	92105904	138.1E6	400.000	400.000
45) L9 AR-1268-5	8.275	7.329	655.3E6	983.3E6	400.000	400.000

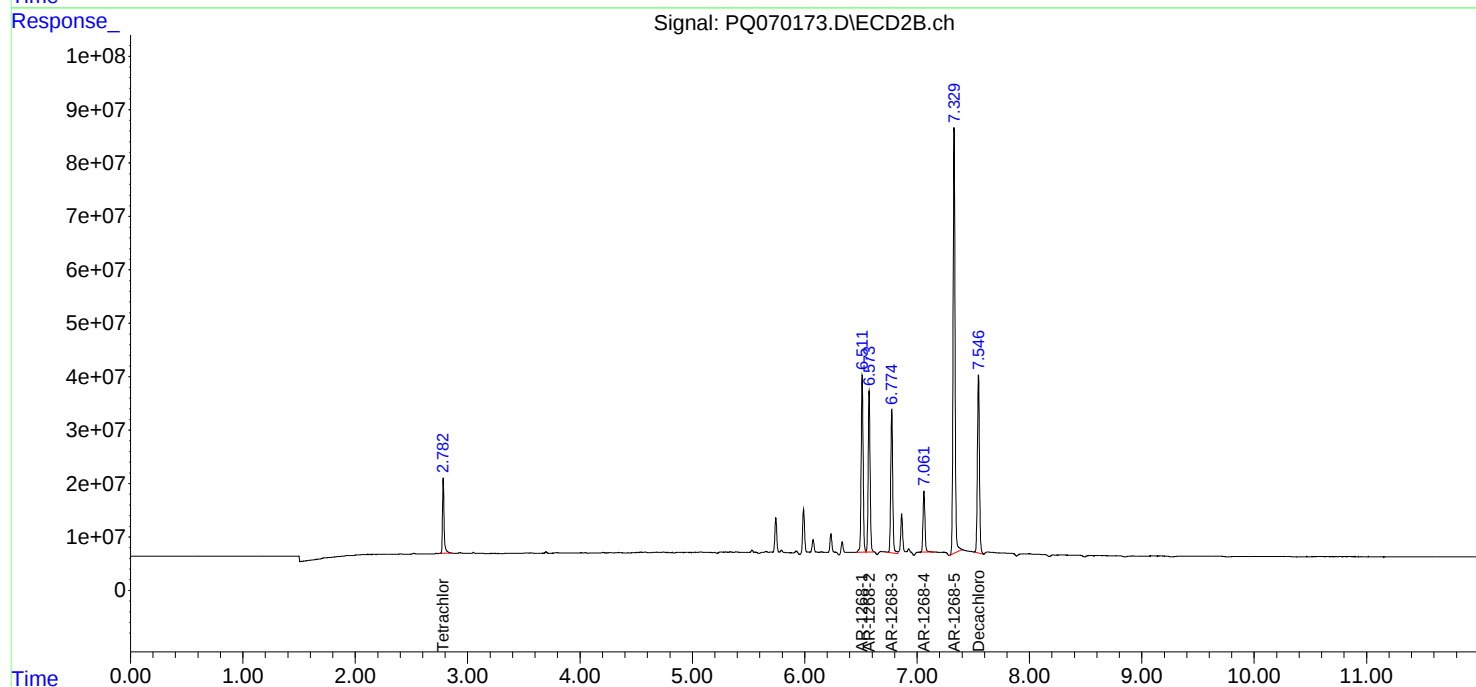
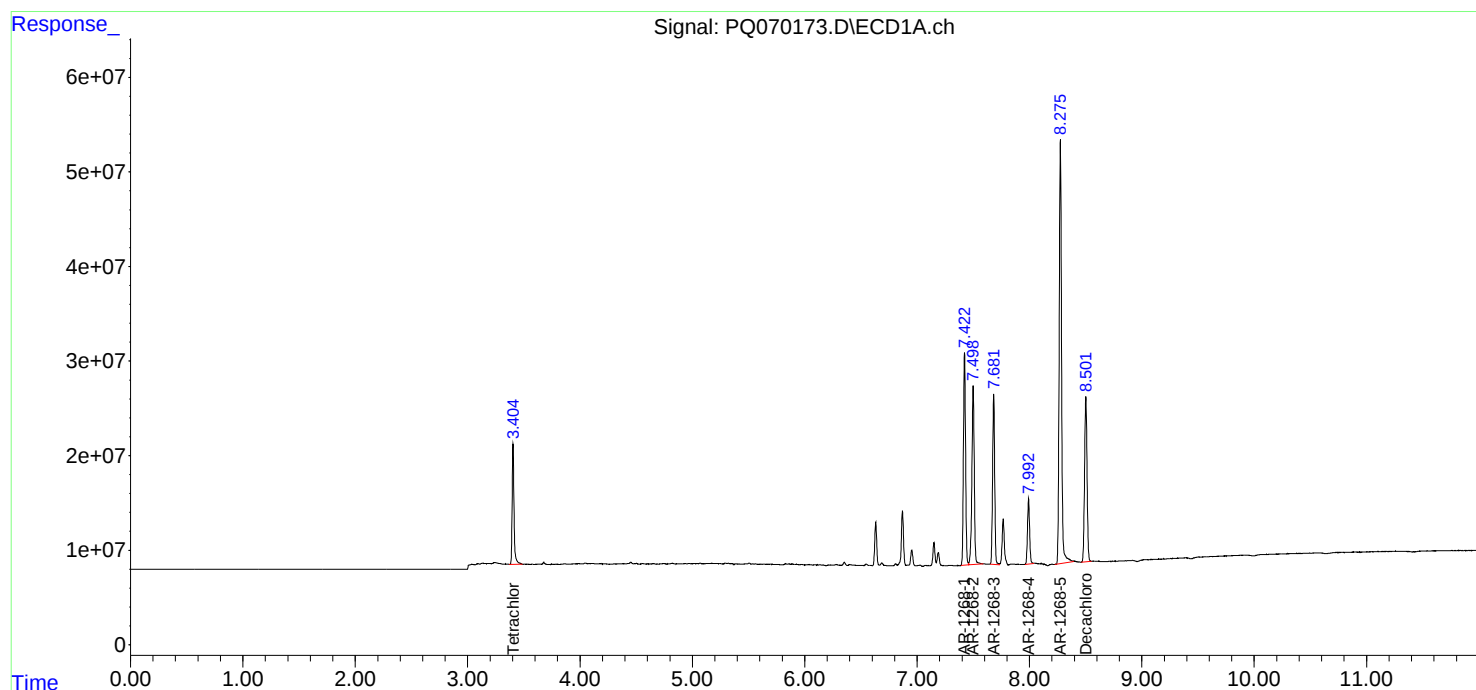
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:40
Operator : YP\AJ
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12683025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:42:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:41:06 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\PQ040925\
 Data File : PQ070174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:54
 Operator : YP\AJ
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12684026

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:43:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:41:06 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	266.1E6	255.5E6	36.902	37.259
2) SA Decachlor...	8.503	7.546	496.2E6	757.8E6	73.301	72.235
Target Compounds						
41) L9 AR-1268-1	7.423	6.512	544.5E6	737.9E6	748.917	739.944
42) L9 AR-1268-2	7.500	6.574	509.3E6	679.1E6	741.556	752.446
43) L9 AR-1268-3	7.681	6.775	419.0E6	595.7E6	735.962	719.065
44) L9 AR-1268-4	7.992	7.061	168.7E6	255.7E6	732.485	740.802
45) L9 AR-1268-5	8.275	7.329	1216.5E6	1832.0E6	742.534	745.241

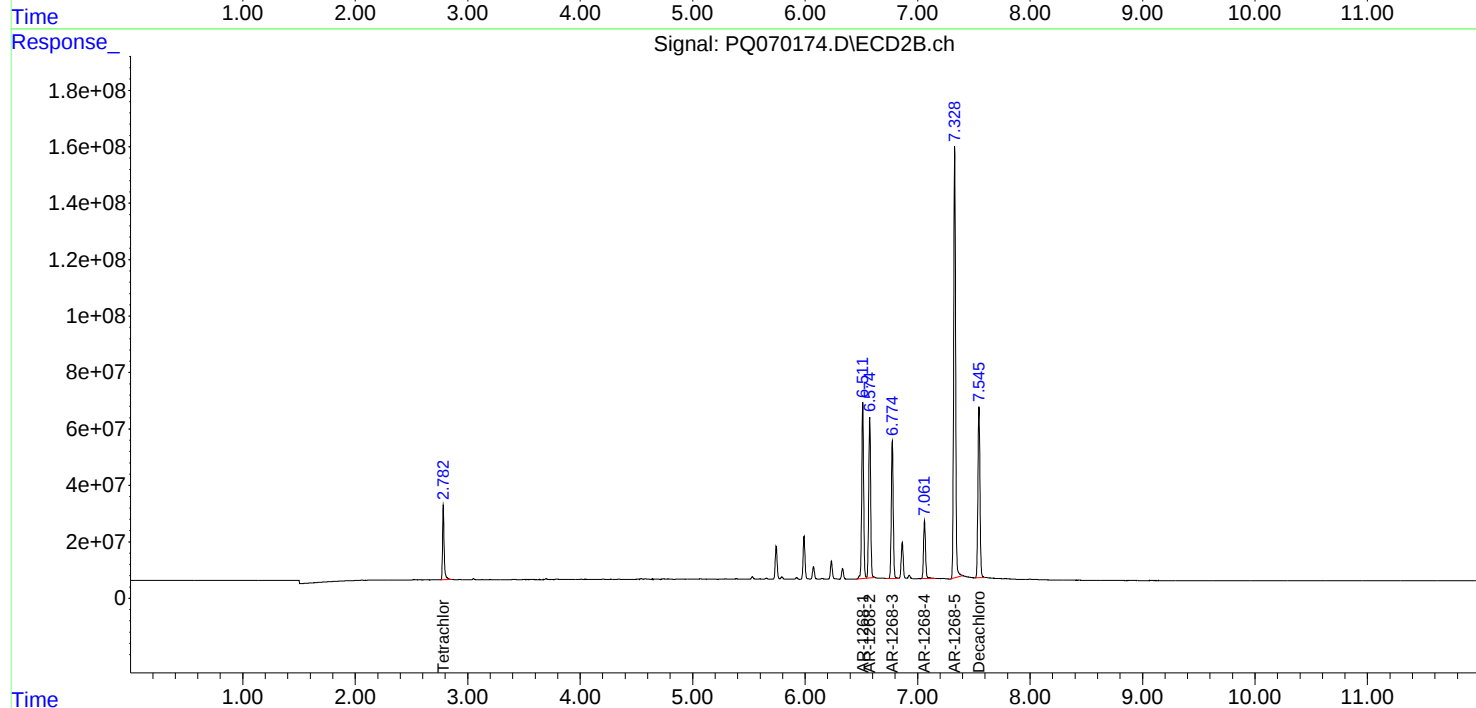
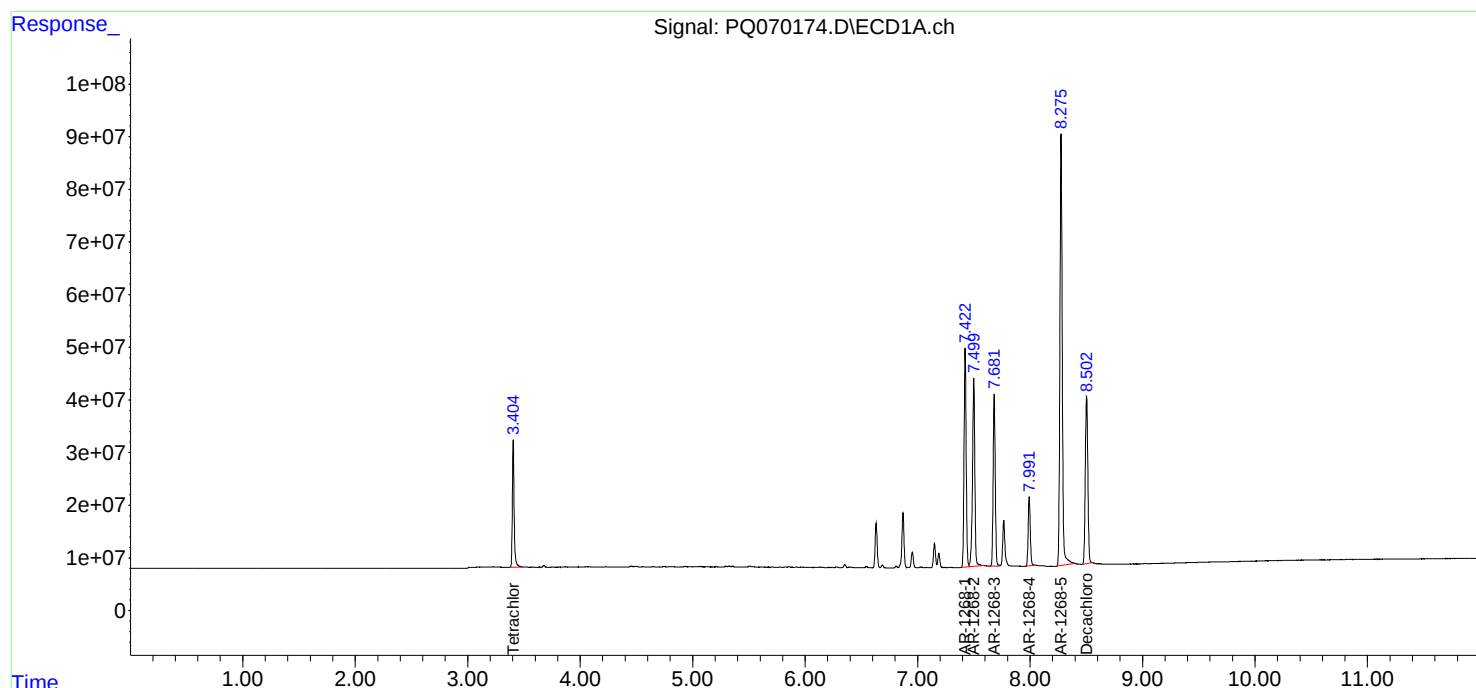
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:54
Operator : YP\AJ
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12684026

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:43:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:41:06 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\PQ040925\
 Data File : PQ070175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 19:09
 Operator : YP\AJ
 Sample : AR1268ICC1600
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12685027

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 09:43:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:41:06 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	2.783	503.2E6	485.1E6	69.769	70.756
2) SA Decachlor...	8.502	7.546	942.2E6	1442.0E6	139.177	137.456
Target Compounds						
41) L9 AR-1268-1	7.423	6.511	1049.0E6	1427.8E6	1442.753	1431.631
42) L9 AR-1268-2	7.500	6.574	980.3E6	1324.4E6	1427.279	1467.384
43) L9 AR-1268-3	7.681	6.774	808.3E6	1152.0E6	1419.918	1390.434
44) L9 AR-1268-4	7.993	7.061	322.9E6	488.5E6	1402.210	1415.181
45) L9 AR-1268-5	8.276	7.329	2373.1E6	3577.5E6	1448.512	1455.295

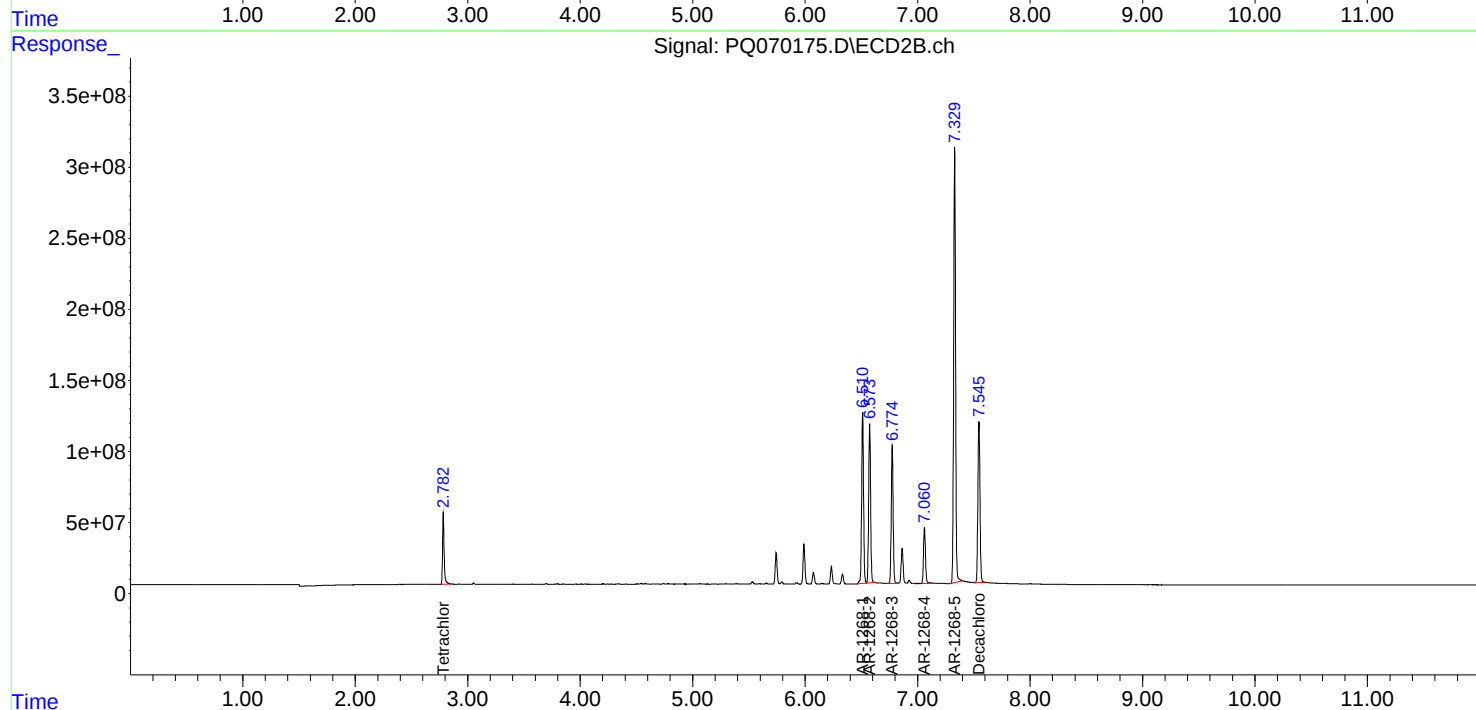
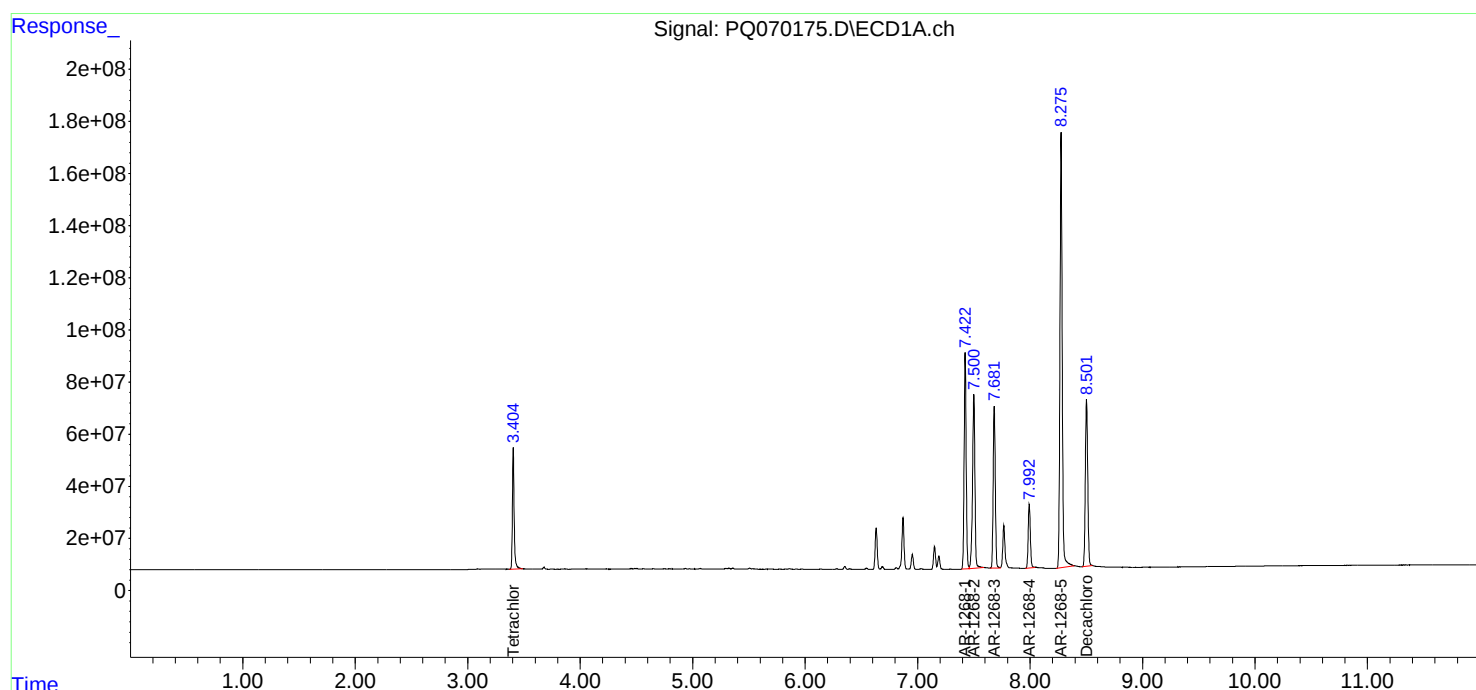
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 19:09
Operator : YP\AJ
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12685027

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 09:43:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:41:06 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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Continuing Calib Date: 04/22/2025 Initial Calibration Date(s): 04/09/2025 04/09/2025

Continuing Calib Time: 10:17 Initial Calibration Time(s): 09:41 19:09

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.41	4.55	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		3.40	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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Continuing Calib Date: 04/22/2025 Initial Calibration Date(s): 04/09/2025 04/09/2025

Continuing Calib Time: 10:17 Initial Calibration Time(s): 09:41 19:09

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.79	3.72	3.86	0.01
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)	4.20	4.21	4.14	4.28	0.01
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)	6.23	6.23	6.16	6.30	0.00
TCX		2.78	2.78	2.73	2.83	0.00
DCB		7.54	7.55	7.45	7.65	0.01



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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/09/2025 04/09/2025

Client Sample No.: CCAL01 Date Analyzed: 04/22/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070221.D Time Analyzed: 10:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.484	4.384	4.584	209106200.000	209800000.000	0.3
Aroclor-1016-2	4.503	4.403	4.603	327268100.000	333931000.000	2.0
Aroclor-1016-3	4.561	4.461	4.661	205892100.000	213396000.000	3.6
Aroclor-1016-4	4.651	4.551	4.751	168530800.000	172401000.000	2.3
Aroclor-1016-5	4.935	4.835	5.035	164363500.000	169563000.000	3.2
Aroclor-1260-1	6.025	5.925	6.125	289545900.000	295051000.000	1.9
Aroclor-1260-2	6.281	6.180	6.380	336546600.000	338938000.000	0.7
Aroclor-1260-3	6.632	6.531	6.731	257191800.000	265666000.000	3.3
Aroclor-1260-4	6.846	6.745	6.945	284683900.000	293216000.000	3.0
Aroclor-1260-5	7.152	7.051	7.251	548455700.000	550642000.000	0.4
DCB	8.503	8.402	8.602	3392103000.000	3573900000.000	5.4
TCX	3.404	3.304	3.504	7302210000.000	7472250000.000	2.4



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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/09/2025 04/09/2025

Client Sample No.: CCAL01 Date Analyzed: 04/22/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070221.D Time Analyzed: 10:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.784	3.685	3.885	220583700.000	219817000.000	-0.3
Aroclor-1016-2	3.800	3.700	3.900	333637400.000	341206000.000	2.3
Aroclor-1016-3	3.960	3.861	4.061	184921400.000	194424000.000	5.1
Aroclor-1016-4	4.008	3.909	4.109	161588800.000	170684000.000	5.6
Aroclor-1016-5	4.203	4.105	4.305	195663400.000	204099000.000	4.3
Aroclor-1260-1	5.197	5.098	5.298	354254700.000	371117000.000	4.8
Aroclor-1260-2	5.386	5.287	5.487	426945600.000	443939000.000	4.0
Aroclor-1260-3	5.528	5.429	5.629	402319200.000	412148000.000	2.4
Aroclor-1260-4	5.988	5.890	6.090	352395600.000	362852000.000	3.0
Aroclor-1260-5	6.232	6.134	6.334	796660000.000	826287000.000	3.7
DCB	7.544	7.446	7.646	554060000.000	569178000.000	2.7
TCX	2.782	2.683	2.883	7031452000.000	7377570000.000	4.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
 Data File : PQ070221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 10:17
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603154

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 10:29:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:58:55 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	2.782	149.4E6	147.6E6	20.466	20.984
2) SA Decachlor...	8.503	7.544	143.0E6	227.7E6	42.144	41.091
Target Compounds						
3) L1 AR-1016-1	4.484	3.784	83920090	87926812	401.328	398.610
4) L1 AR-1016-2	4.503	3.800	133.6E6	136.5E6	408.144	409.074
5) L1 AR-1016-3	4.561	3.960	85358322	77769581	414.578	420.555
6) L1 AR-1016-4	4.651	4.008	68960443	68273551	409.186	422.514
7) L1 AR-1016-5	4.935	4.203	67825108	81639421	412.653	417.244
31) L7 AR-1260-1	6.025	5.197	118.0E6	148.4E6	407.605	419.039
32) L7 AR-1260-2	6.281	5.386	135.6E6	177.6E6	402.843	415.921
33) L7 AR-1260-3	6.632	5.528	106.3E6	164.9E6	413.179	409.772
34) L7 AR-1260-4	6.846	5.988	117.3E6	145.1E6	411.988	411.869
35) L7 AR-1260-5	7.152	6.232	220.3E6	330.5E6	401.594	414.876

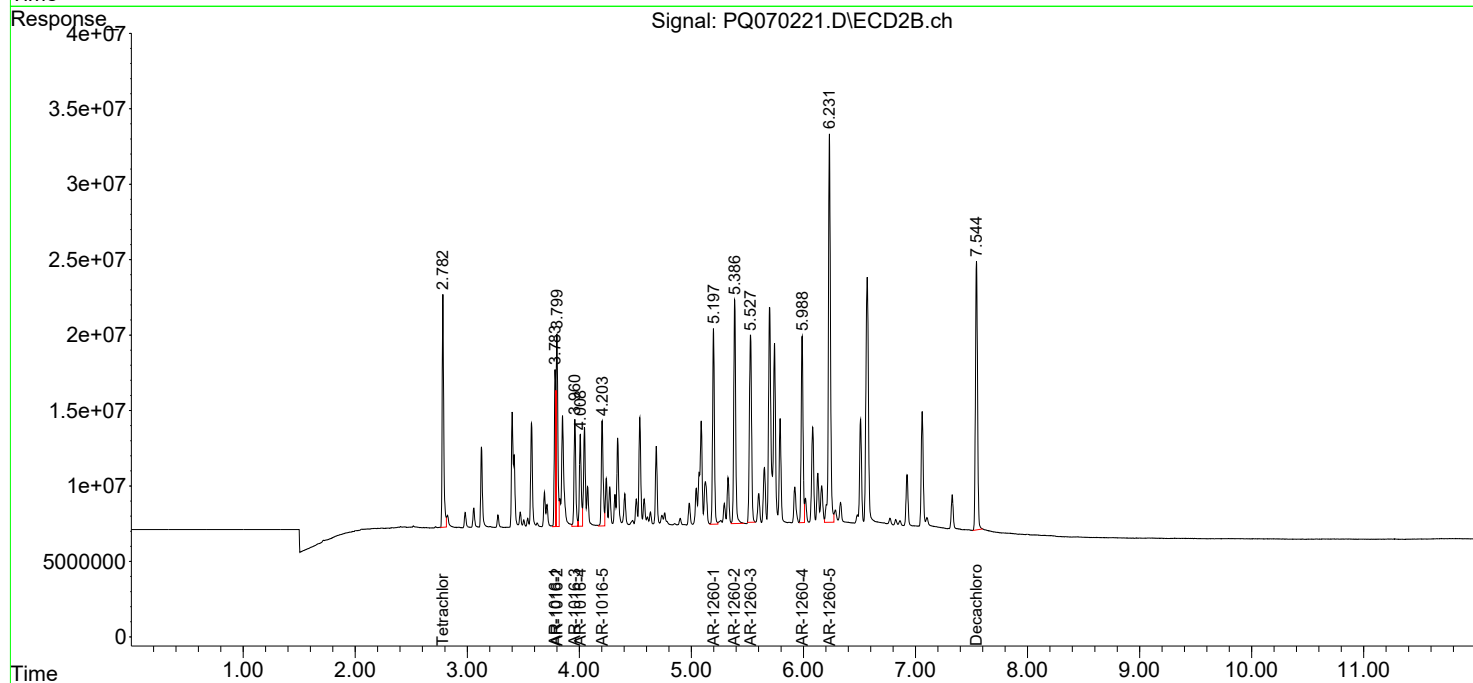
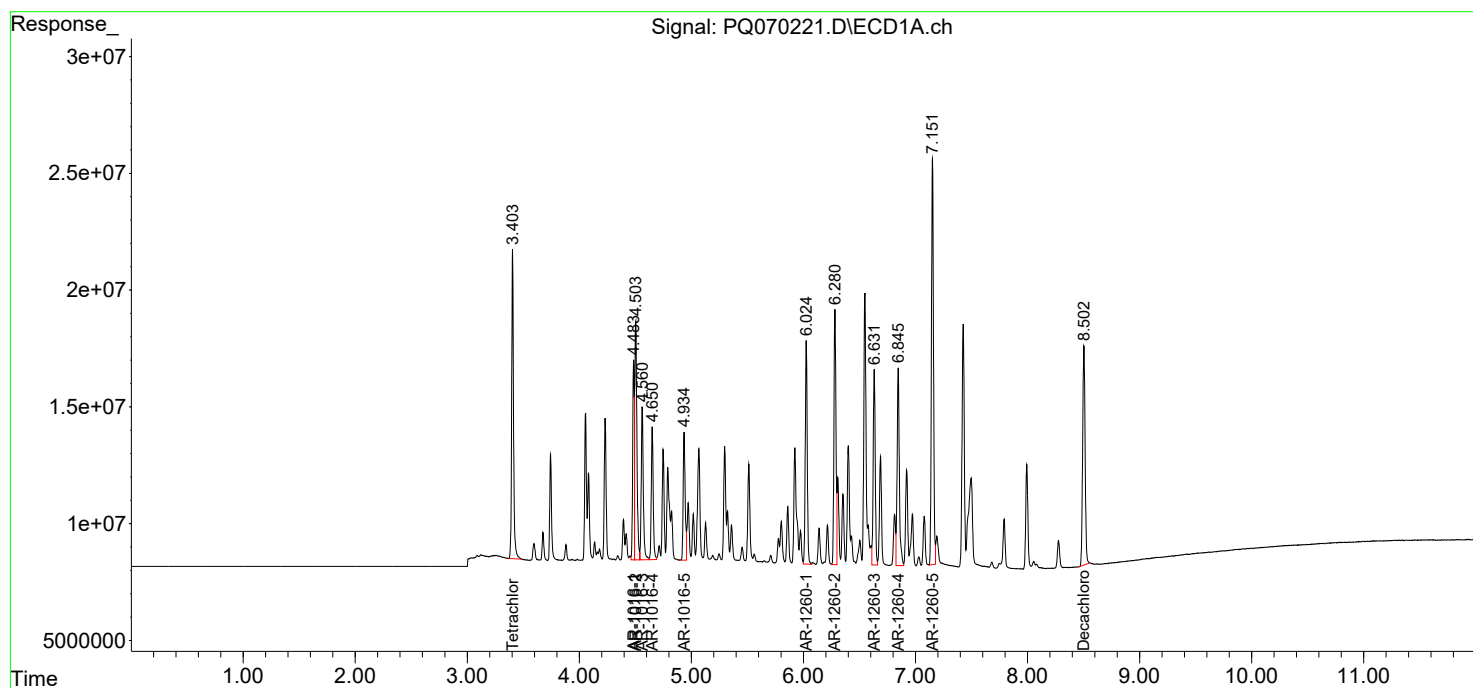
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070221.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:17
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603154

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 10:29:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Continuing Calib Date: 04/22/2025 Initial Calibration Date(s): 04/09/2025 04/09/2025

Continuing Calib Time: 12:31 Initial Calibration Time(s): 09:41 19:09

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	4.48	4.41	4.55	-0.01
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		3.40	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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Continuing Calib Date: 04/22/2025 Initial Calibration Date(s): 04/09/2025 04/09/2025

Continuing Calib Time: 12:31 Initial Calibration Time(s): 09:41 19:09

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.79	3.72	3.86	0.01
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)	4.20	4.21	4.14	4.28	0.01
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)	6.23	6.23	6.16	6.30	0.00
TCX		2.78	2.78	2.73	2.83	0.00
DCB		7.55	7.55	7.45	7.65	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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/09/2025 04/09/2025

Client Sample No.: CCAL02 Date Analyzed: 04/22/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070225.D Time Analyzed: 12:31

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.485	4.384	4.584	209106200.000	208512000.000	-0.3
Aroclor-1016-2	4.504	4.403	4.603	327268100.000	330383000.000	1.0
Aroclor-1016-3	4.561	4.461	4.661	205892100.000	208499000.000	1.3
Aroclor-1016-4	4.651	4.551	4.751	168530800.000	170659000.000	1.3
Aroclor-1016-5	4.935	4.835	5.035	164363500.000	165737000.000	0.8
Aroclor-1260-1	6.025	5.925	6.125	289545900.000	291130000.000	0.5
Aroclor-1260-2	6.281	6.180	6.380	336546600.000	338292000.000	0.5
Aroclor-1260-3	6.632	6.531	6.731	257191800.000	262038000.000	1.9
Aroclor-1260-4	6.846	6.745	6.945	284683900.000	289915000.000	1.8
Aroclor-1260-5	7.152	7.051	7.251	548455700.000	555183000.000	1.2
DCB	8.503	8.402	8.602	3392103000.000	3569510000.000	5.2
TCX	3.404	3.304	3.504	7302210000.000	7378300000.000	1.1



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.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/09/2025 04/09/2025

Client Sample No.: CCAL02 Date Analyzed: 04/22/2025

Lab Sample No.: AR1660CCC400 Data File : PQ070225.D Time Analyzed: 12:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.783	3.685	3.885	220583700.000	218223000.000	-1.1
Aroclor-1016-2	3.799	3.700	3.900	333637400.000	334793000.000	0.3
Aroclor-1016-3	3.960	3.861	4.061	184921400.000	188798000.000	2.1
Aroclor-1016-4	4.008	3.909	4.109	161588800.000	165260000.000	2.3
Aroclor-1016-5	4.203	4.105	4.305	195663400.000	199664000.000	2.0
Aroclor-1260-1	5.197	5.098	5.298	354254700.000	357664000.000	1.0
Aroclor-1260-2	5.386	5.287	5.487	426945600.000	428407000.000	0.3
Aroclor-1260-3	5.527	5.429	5.629	402319200.000	402124000.000	0.0
Aroclor-1260-4	5.988	5.890	6.090	352395600.000	358499000.000	1.7
Aroclor-1260-5	6.233	6.134	6.334	796660000.000	789675000.000	-0.9
DCB	7.545	7.446	7.646	554060000.000	565919000.000	2.2
TCX	2.782	2.683	2.883	7031452000.000	7174390000.000	2.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
 Data File : PQ070225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 12:31
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603155

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 13:37:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:58:55 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	2.782	147.6E6	143.5E6	20.208	20.407
2) SA Decachlor...	8.503	7.545	142.8E6	226.4E6	42.092	40.856
Target Compounds						
3) L1 AR-1016-1	4.485	3.783	83404987	87289306	398.864	395.720
4) L1 AR-1016-2	4.504	3.799	132.2E6	133.9E6	403.807	401.385
5) L1 AR-1016-3	4.561	3.960	83399481	75519203	405.064	408.385
6) L1 AR-1016-4	4.651	4.008	68263639	66103934	405.051	409.087
7) L1 AR-1016-5	4.935	4.203	66294929	79865799	403.343	408.180
31) L7 AR-1260-1	6.025	5.197	116.5E6	143.1E6	402.189	403.850
32) L7 AR-1260-2	6.281	5.386	135.3E6	171.4E6	402.075	401.369
33) L7 AR-1260-3	6.632	5.527	104.8E6	160.8E6	407.537	399.806
34) L7 AR-1260-4	6.846	5.988	116.0E6	143.4E6	407.350	406.927
35) L7 AR-1260-5	7.152	6.233	222.1E6	315.9E6	404.906	396.493

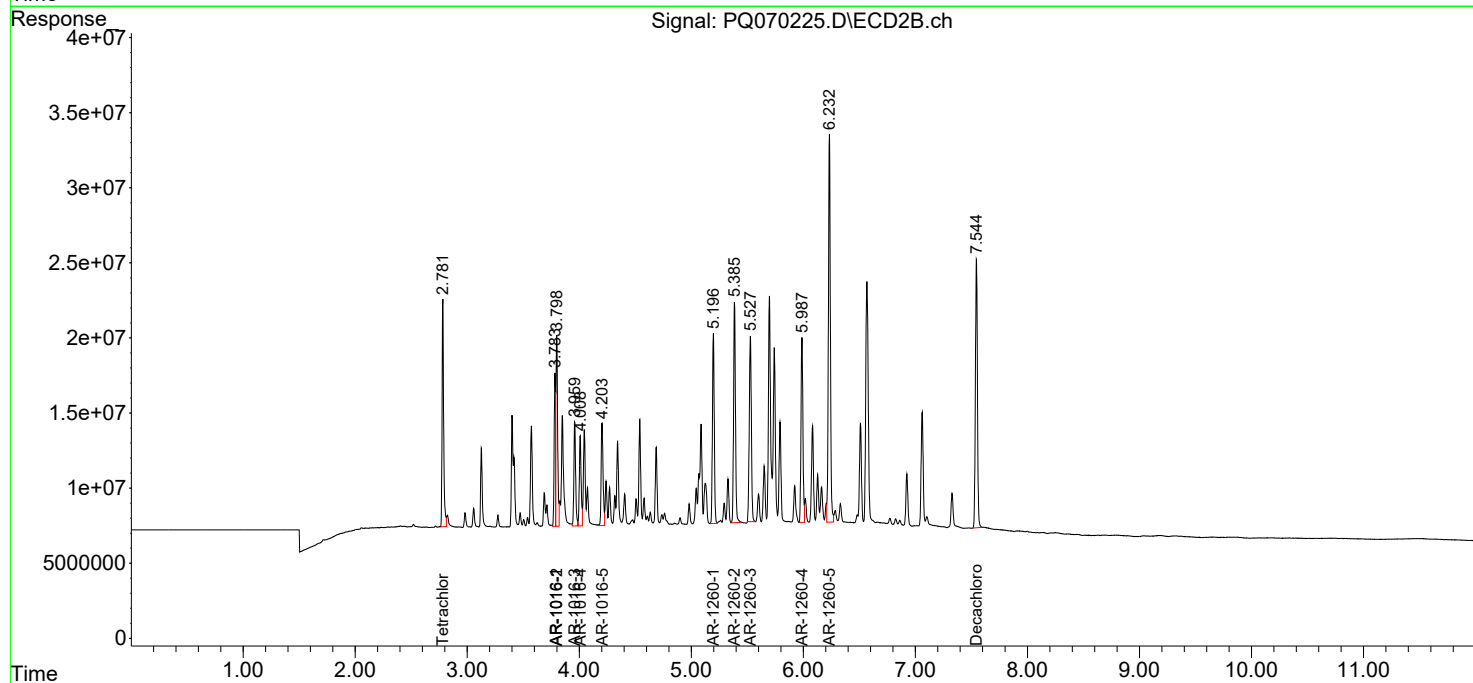
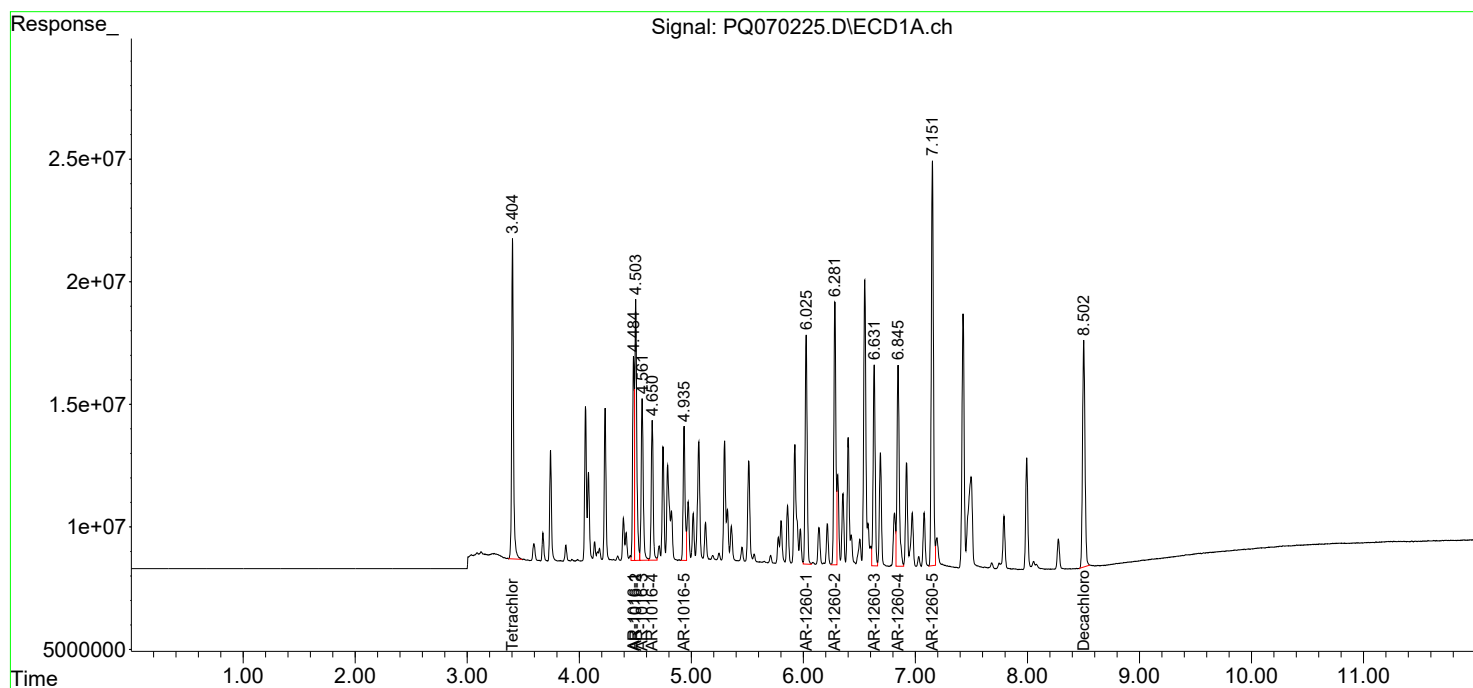
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070225.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:31
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603155

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:37:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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.: Q1837

Project: Weekly Storage Blanks

Instrument ID: ECD_Q

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/09/2025

04/09/2025

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 #
AIBLK340	AIBLK13	04/09/2025	09:26	PQ070135.D	8.50	3.41
AR16601038	AR1660ICC100	04/09/2025	09:41	PQ070136.D	8.50	3.40
AR16602039	AR1660ICC200	04/09/2025	09:55	PQ070137.D	8.50	3.41
AR16603040	AR1660ICC400	04/09/2025	10:10	PQ070138.D	8.50	3.40
AR16604041	AR1660ICC800	04/09/2025	10:25	PQ070139.D	8.50	3.41
AR16605042	AR1660ICC1600	04/09/2025	10:39	PQ070140.D	8.50	3.41
AR12211043	AR1221ICC100	04/09/2025	10:54	PQ070141.D	8.50	3.41
AR12212044	AR1221ICC200	04/09/2025	11:08	PQ070142.D	8.50	3.41
AR12213045	AR1221ICC400	04/09/2025	11:23	PQ070143.D	8.50	3.40
AR12214046	AR1221ICC800	04/09/2025	11:37	PQ070144.D	8.50	3.41
AR12215047	AR1221ICC1600	04/09/2025	11:52	PQ070145.D	8.50	3.41
AR12321048	AR1232ICC100	04/09/2025	12:07	PQ070146.D	8.50	3.40
AR12322049	AR1232ICC200	04/09/2025	12:21	PQ070147.D	8.50	3.41
AR12323050	AR1232ICC400	04/09/2025	12:36	PQ070148.D	8.50	3.40
AR12324001	AR1232ICC800	04/09/2025	12:50	PQ070149.D	8.50	3.41
AR12325002	AR1232ICC1600	04/09/2025	13:05	PQ070150.D	8.50	3.40
AR12421003	AR1242ICC100	04/09/2025	13:19	PQ070151.D	8.50	3.40
AR12422004	AR1242ICC200	04/09/2025	13:34	PQ070152.D	8.50	3.41
AR12423005	AR1242ICC400	04/09/2025	13:49	PQ070153.D	8.50	3.40
AR12424006	AR1242ICC800	04/09/2025	14:03	PQ070154.D	8.50	3.40
AR12425007	AR1242ICC1600	04/09/2025	14:18	PQ070155.D	8.50	3.40
AR12481008	AR1248ICC100	04/09/2025	14:32	PQ070156.D	8.50	3.40
AR12482009	AR1248ICC200	04/09/2025	14:47	PQ070157.D	8.50	3.41
AR12483010	AR1248ICC400	04/09/2025	15:01	PQ070158.D	8.50	3.40
AR12484011	AR1248ICC800	04/09/2025	15:16	PQ070159.D	8.50	3.40
AR12485012	AR1248ICC1600	04/09/2025	15:31	PQ070160.D	8.50	3.41
AR12541013	AR1254ICC100	04/09/2025	15:45	PQ070161.D	8.50	3.40
AR12542014	AR1254ICC200	04/09/2025	16:00	PQ070162.D	8.50	3.41
AR12543015	AR1254ICC400	04/09/2025	16:14	PQ070163.D	8.50	3.40
AR12544016	AR1254ICC800	04/09/2025	16:29	PQ070164.D	8.50	3.40
AR12545017	AR1254ICC1600	04/09/2025	16:43	PQ070165.D	8.50	3.40
AR12621018	AR1262ICC100	04/09/2025	16:58	PQ070166.D	8.50	3.40
AR12622019	AR1262ICC200	04/09/2025	17:13	PQ070167.D	8.50	3.41
AR12623020	AR1262ICC400	04/09/2025	17:27	PQ070168.D	8.50	3.40
AR12624021	AR1262ICC800	04/09/2025	17:42	PQ070169.D	8.50	3.40
AR12625022	AR1262ICC1600	04/09/2025	17:56	PQ070170.D	8.50	3.40
AR12681023	AR1268ICC100	04/09/2025	18:11	PQ070171.D	8.50	3.41
AR12682024	AR1268ICC200	04/09/2025	18:25	PQ070172.D	8.50	3.41
AR12683025	AR1268ICC400	04/09/2025	18:40	PQ070173.D	8.50	3.40
AR12684026	AR1268ICC800	04/09/2025	18:54	PQ070174.D	8.50	3.40
AR12685027	AR1268ICC1600	04/09/2025	19:09	PQ070175.D	8.50	3.41
AIBLK344	AIBLK17	04/22/2025	10:02	PQ070220.D	8.50	3.41

Analytical Sequence

AR16603154	AR1660CCC400	04/22/2025	10:17	PQ070221.D	8.50	3.40
PCB-GPC2-BLANK	Q1837-13	04/22/2025	11:47	PQ070222.D	0.00	0.00
PCB-GCP2-BLANK-SPIKE	Q1837-14	04/22/2025	12:02	PQ070223.D	0.00	0.00
AIBLK345	AIBLK18	04/22/2025	12:16	PQ070224.D	8.51	3.41
AR16603155	AR1660CCC400	04/22/2025	12:31	PQ070225.D	8.50	3.40

Analytical Sequence

Client: Chemtech Consulting Group	SDG No.: Q1837
Project: Weekly Storage Blanks	Instrument ID: ECD_Q
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 04/09/2025 04/09/2025

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 #
AIBLK340	AIBLK13	04/09/2025	09:26	PQ070135.D	7.55	2.78
AR16601038	AR1660ICC100	04/09/2025	09:41	PQ070136.D	7.55	2.78
AR16602039	AR1660ICC200	04/09/2025	09:55	PQ070137.D	7.55	2.78
AR16603040	AR1660ICC400	04/09/2025	10:10	PQ070138.D	7.55	2.78
AR16604041	AR1660ICC800	04/09/2025	10:25	PQ070139.D	7.55	2.78
AR16605042	AR1660ICC1600	04/09/2025	10:39	PQ070140.D	7.55	2.78
AR12211043	AR1221ICC100	04/09/2025	10:54	PQ070141.D	7.55	2.78
AR12212044	AR1221ICC200	04/09/2025	11:08	PQ070142.D	7.55	2.78
AR12213045	AR1221ICC400	04/09/2025	11:23	PQ070143.D	7.55	2.78
AR12214046	AR1221ICC800	04/09/2025	11:37	PQ070144.D	7.55	2.78
AR12215047	AR1221ICC1600	04/09/2025	11:52	PQ070145.D	7.55	2.78
AR12321048	AR1232ICC100	04/09/2025	12:07	PQ070146.D	7.55	2.78
AR12322049	AR1232ICC200	04/09/2025	12:21	PQ070147.D	7.55	2.78
AR12323050	AR1232ICC400	04/09/2025	12:36	PQ070148.D	7.55	2.78
AR12324001	AR1232ICC800	04/09/2025	12:50	PQ070149.D	7.55	2.78
AR12325002	AR1232ICC1600	04/09/2025	13:05	PQ070150.D	7.55	2.78
AR12421003	AR1242ICC100	04/09/2025	13:19	PQ070151.D	7.55	2.78
AR12422004	AR1242ICC200	04/09/2025	13:34	PQ070152.D	7.55	2.78
AR12423005	AR1242ICC400	04/09/2025	13:49	PQ070153.D	7.55	2.78
AR12424006	AR1242ICC800	04/09/2025	14:03	PQ070154.D	7.55	2.78
AR12425007	AR1242ICC1600	04/09/2025	14:18	PQ070155.D	7.55	2.78
AR12481008	AR1248ICC100	04/09/2025	14:32	PQ070156.D	7.55	2.78
AR12482009	AR1248ICC200	04/09/2025	14:47	PQ070157.D	7.55	2.78
AR12483010	AR1248ICC400	04/09/2025	15:01	PQ070158.D	7.55	2.78
AR12484011	AR1248ICC800	04/09/2025	15:16	PQ070159.D	7.55	2.78
AR12485012	AR1248ICC1600	04/09/2025	15:31	PQ070160.D	7.55	2.78
AR12541013	AR1254ICC100	04/09/2025	15:45	PQ070161.D	7.55	2.78
AR12542014	AR1254ICC200	04/09/2025	16:00	PQ070162.D	7.55	2.78
AR12543015	AR1254ICC400	04/09/2025	16:14	PQ070163.D	7.55	2.78
AR12544016	AR1254ICC800	04/09/2025	16:29	PQ070164.D	7.55	2.78
AR12545017	AR1254ICC1600	04/09/2025	16:43	PQ070165.D	7.55	2.78
AR12621018	AR1262ICC100	04/09/2025	16:58	PQ070166.D	7.54	2.78
AR12622019	AR1262ICC200	04/09/2025	17:13	PQ070167.D	7.55	2.78
AR12623020	AR1262ICC400	04/09/2025	17:27	PQ070168.D	7.55	2.78
AR12624021	AR1262ICC800	04/09/2025	17:42	PQ070169.D	7.55	2.78
AR12625022	AR1262ICC1600	04/09/2025	17:56	PQ070170.D	7.55	2.78
AR12681023	AR1268ICC100	04/09/2025	18:11	PQ070171.D	7.55	2.78
AR12682024	AR1268ICC200	04/09/2025	18:25	PQ070172.D	7.54	2.78
AR12683025	AR1268ICC400	04/09/2025	18:40	PQ070173.D	7.55	2.78
AR12684026	AR1268ICC800	04/09/2025	18:54	PQ070174.D	7.55	2.78
AR12685027	AR1268ICC1600	04/09/2025	19:09	PQ070175.D	7.55	2.78
AIBLK344	AIBLK17	04/22/2025	10:02	PQ070220.D	7.55	2.78

Analytical Sequence

AR16603154	AR1660CCC400	04/22/2025	10:17	PQ070221.D	7.54	2.78
PCB-GPC2-BLANK	Q1837-13	04/22/2025	11:47	PQ070222.D	0.00	0.00
PCB-GCP2-BLANK-SPIKE	Q1837-14	04/22/2025	12:02	PQ070223.D	0.00	0.00
AIBLK345	AIBLK18	04/22/2025	12:16	PQ070224.D	7.55	2.78
AR16603155	AR1660CCC400	04/22/2025	12:31	PQ070225.D	7.55	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab Sample ID: _____ Date(s) Analyzed: _____

Instrument ID (1): _____ Instrument ID (2): _____

GC Column: (1): _____ ID: _____ (mm) GC Column:(2): _____ ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	1					
	2					

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GCP2-BLANK-SPIK

Contract: CHEM02

Lab Code: CHEM Case No.: Q1837 SAS No.: Q1837 SDG NO.: Q1837

Lab Sample ID: Q1837-14 Date(s) Analyzed: 04/22/2025 04/22/2025

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.49	4.44	4.54	375.02	373.000	2.60
COLUMN 1	2	4.51	4.46	4.56	391.19		
	3	4.57	4.52	4.62	376.45		
	4	4.66	4.61	4.71	365.61		
	5	4.94	4.89	4.99	358.18		
	1	3.79	3.74	3.84	389.17		
COLUMN 2	2	3.80	3.75	3.85	409.12	383.000	
	3	3.96	3.91	4.01	381.39		
	4	4.01	3.96	4.06	362.77		
	5	4.20	4.15	4.25	371.86		
Aroclor-1260	1	6.03	5.98	6.08	428.95	394.000	7.80
COLUMN 1	2	6.29	6.24	6.34	424.79		
	3	6.64	6.59	6.69	350.79		
	4	6.85	6.80	6.90	378.30		
	5	7.16	7.11	7.21	386.34		
	1	5.20	5.15	5.25	440.19		
COLUMN 2	2	5.39	5.34	5.44	438.61	424.000	
	3	5.53	5.48	5.58	435.62		
	4	5.99	5.94	6.04	382.88		
	5	6.23	6.18	6.28	425.11		



QC SAMPLE DATA

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/09/25
Project:	Weekly Storage Blanks	Date Received:	04/09/25
Client Sample ID:	PIBLK-PQ070135.D	SDG No.:	Q1837
Lab Sample ID:	I.BLK-PQ070135.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
PQ070135.D	1		04/09/25	PQ040925

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	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.43		30 - 150	109%	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\PQ040925\
 Data File : PQ070135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 09:26
 Operator : YP\AJ
 Sample : AIBLK13
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AIBLK340

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 10:01:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 10 09:58:55 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	2.783	154.8E6	149.7E6	21.195	21.290
2) SA Decachlor...	8.503	7.547	152.2E6	240.8E6	44.871	43.470

Target Compounds

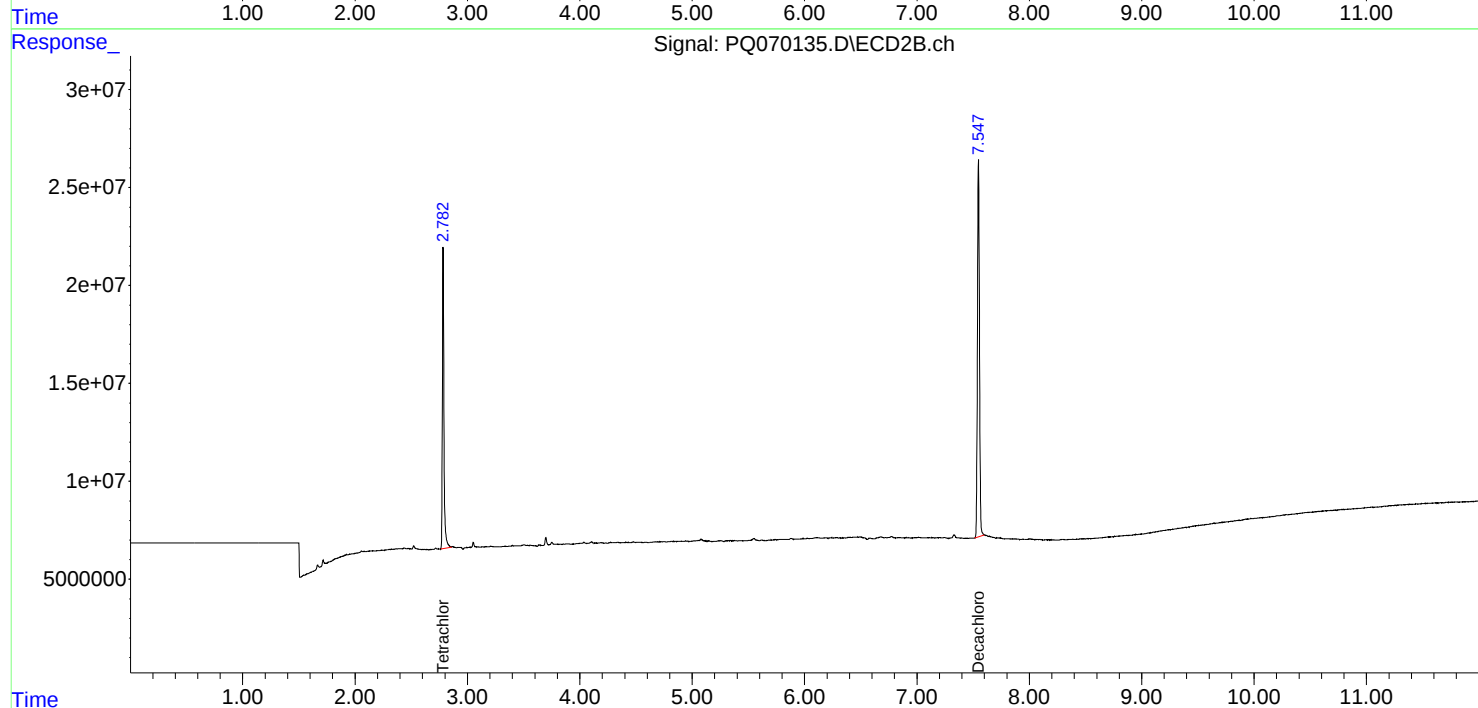
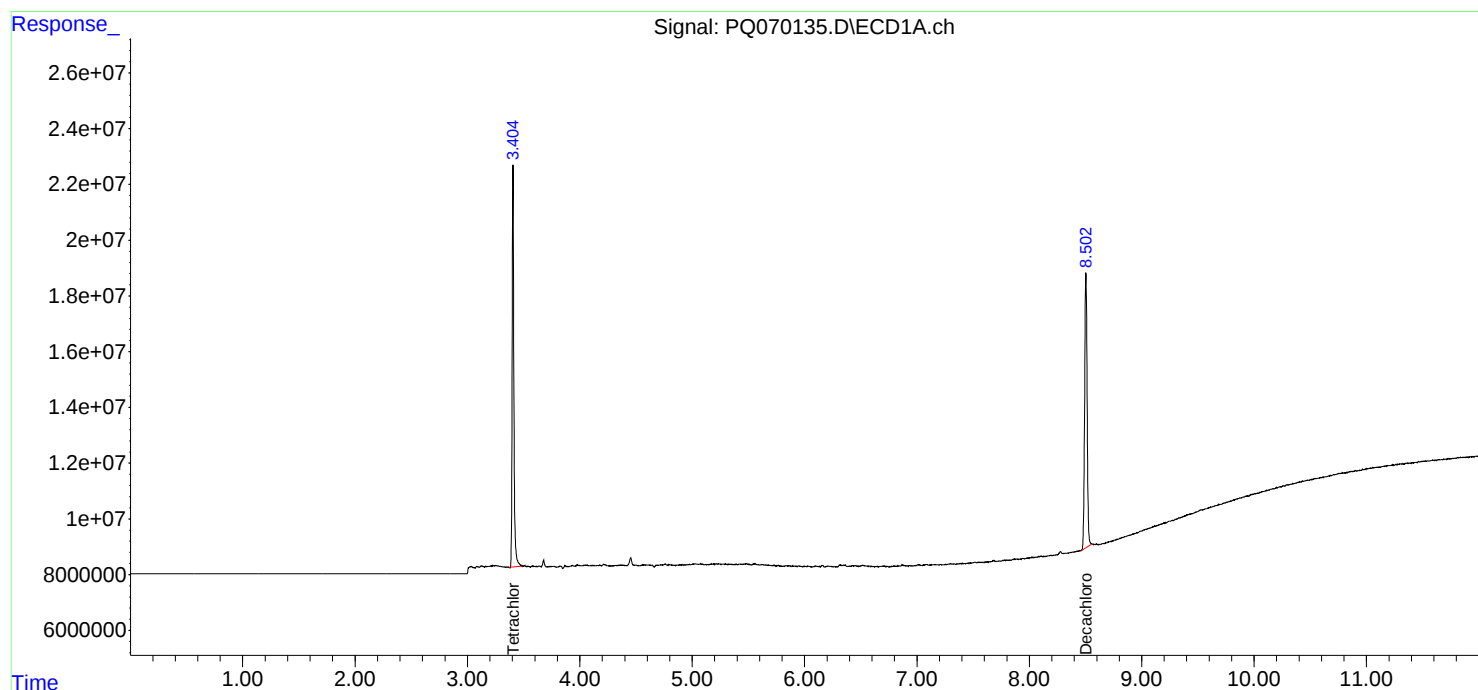
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040925\
Data File : PQ070135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 09:26
Operator : YP\AJ
Sample : AIBLK13
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK340

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 10:01:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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:	04/22/25
Project:	Weekly Storage Blanks	Date Received:	04/22/25
Client Sample ID:	PIBLK-PQ070220.D	SDG No.:	Q1837
Lab Sample ID:	I.BLK-PQ070220.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
PQ070220.D	1		04/22/25	PQ042225

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	0.18		30 - 150	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.39		30 - 150	96%	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\PQ042225\
Data File : PQ070220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:02
Operator : YP\AJ
Sample : AIBLK17
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK344

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 10:16:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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	2.782	132.4E6	132.6E6	18.136	18.862
2) SA Decachlor...	8.503	7.545	133.5E6	213.5E6	39.365	38.532

Target Compounds

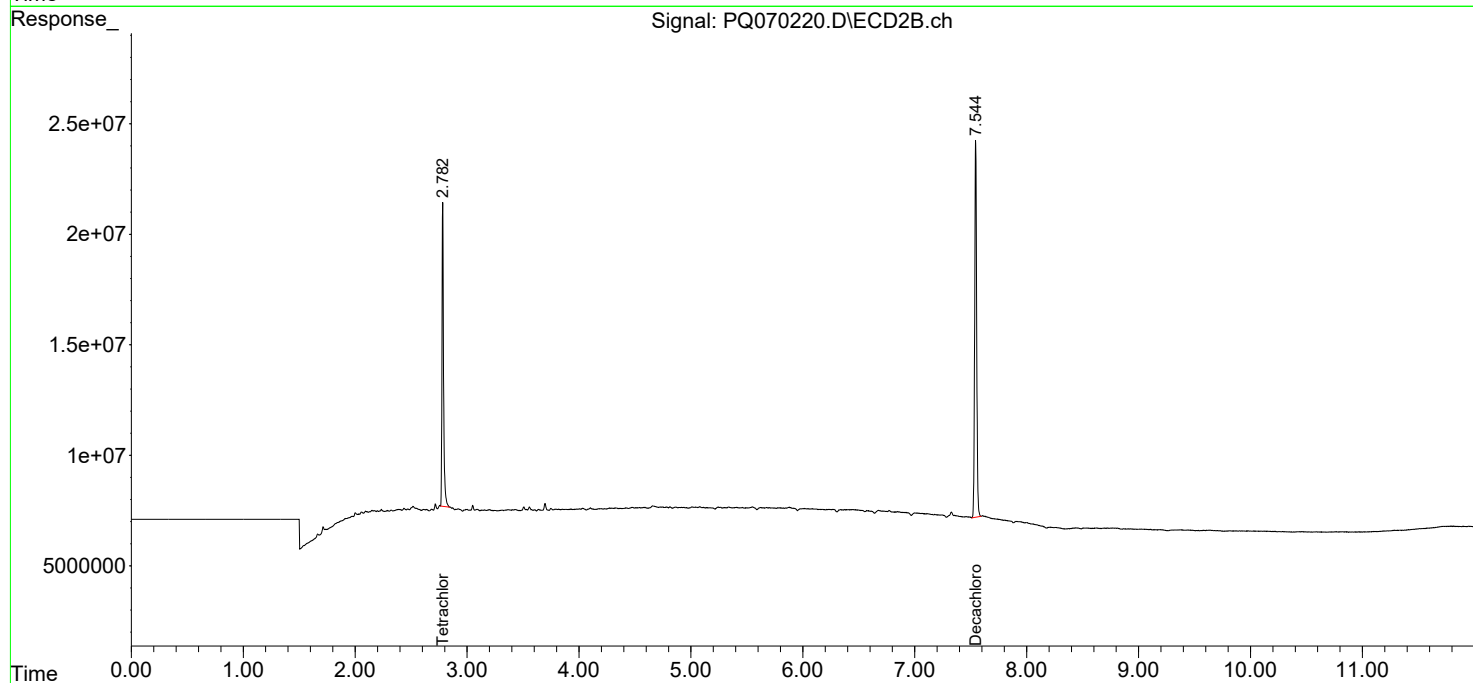
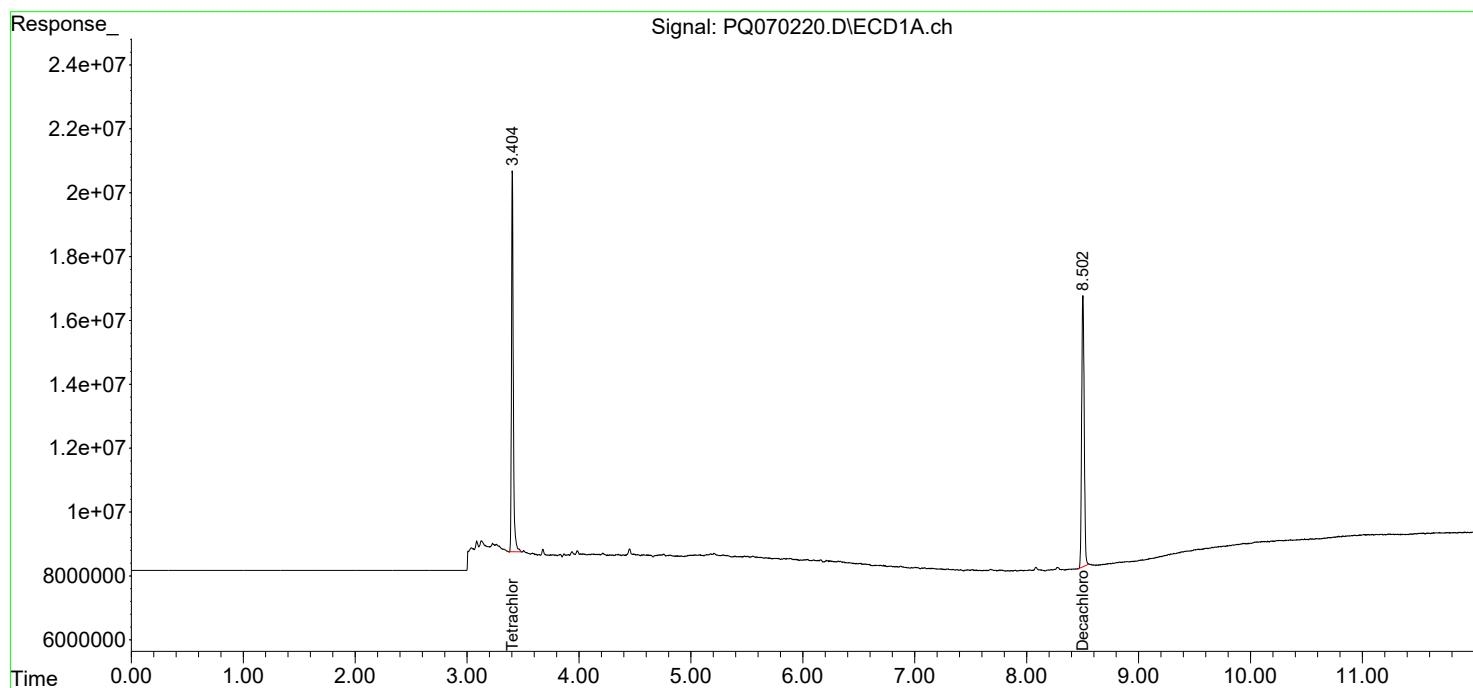
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 10:02
Operator : YP\AJ
Sample : AIBLK17
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK344

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 10:16:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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:	04/22/25
Project:	Weekly Storage Blanks	Date Received:	04/22/25
Client Sample ID:	PIBLK-PQ070224.D	SDG No.:	Q1837
Lab Sample ID:	I.BLK-PQ070224.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
PQ070224.D	1		04/22/25	PQ042225

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	0.19		30 - 150	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.40		30 - 150	100%	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\PQ042225\
Data File : PQ070224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:16
Operator : YP\AJ
Sample : AIBLK18
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK345

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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	2.782	137.4E6	139.8E6	18.819	19.885
2) SA Decachlor...	8.505	7.546	137.5E6	220.6E6	40.545	39.821

Target Compounds

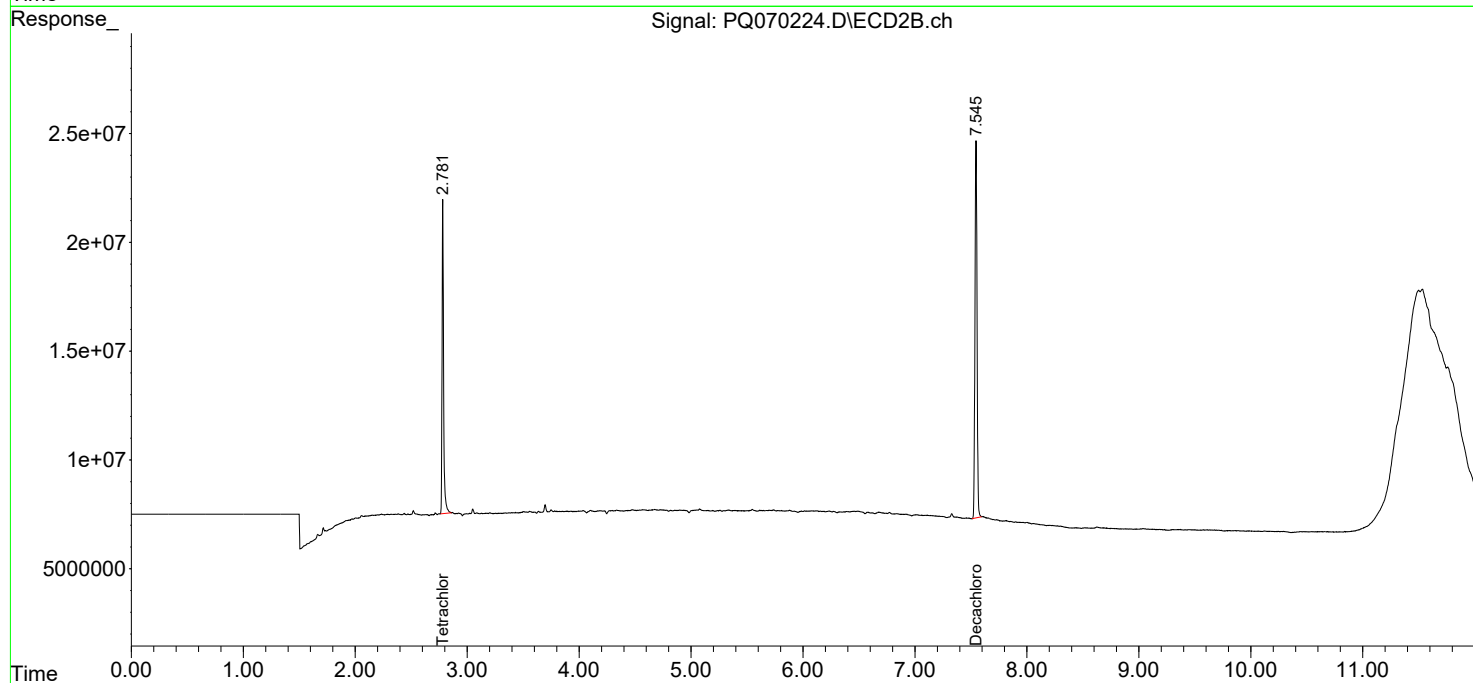
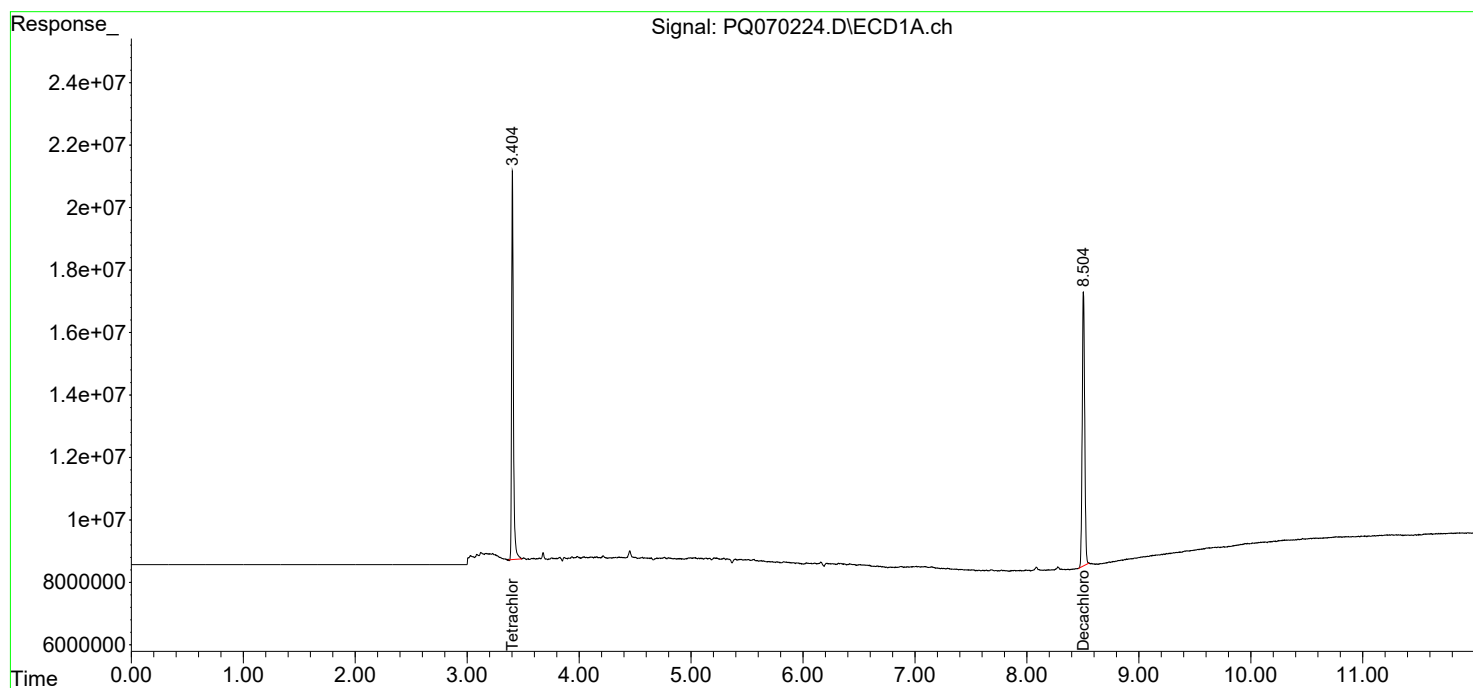
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042225\
Data File : PQ070224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 12:16
Operator : YP\AJ
Sample : AIBLK18
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AIBLK345

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 13:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040925CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Apr 10 09:58:55 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



Manual Integration Report

Sequence:

PQ040925

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1262ICC100	PQ070166.D	AR-1262-1 #2	yogesh	4/10/2025 10:27:07 AM	mohammad	4/14/2025 12:39:35	Peak Integrated by Software
AR1262ICC100	PQ070166.D	AR-1262-2 #2	yogesh	4/10/2025 10:27:07 AM	mohammad	4/14/2025 12:39:35	Peak Integrated by Software
AR1262ICC100	PQ070166.D	Decachlorobiphenyl #2	yogesh	4/10/2025 10:27:07 AM	mohammad	4/14/2025 12:39:35	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PQ042225

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 # PQ040925

Review By	yogesh	Review On	4/10/2025 8:36:14 AM
Supervise By	mohammad	Supervise On	4/14/2025 12:39:35 AM
SubDirectory	PQ040925	HP Acquire Method	HP Processing Method PQ040925
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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070134.D	09 Apr 2025 09:12	YP\AJ	Ok
2	AIBLK13	PQ070135.D	09 Apr 2025 09:26	YP\AJ	Ok
3	AR1660ICC100	PQ070136.D	09 Apr 2025 09:41	YP\AJ	Ok
4	AR1660ICC200	PQ070137.D	09 Apr 2025 09:55	YP\AJ	Ok
5	AR1660ICC400	PQ070138.D	09 Apr 2025 10:10	YP\AJ	Ok
6	AR1660ICC800	PQ070139.D	09 Apr 2025 10:25	YP\AJ	Ok
7	AR1660ICC1600	PQ070140.D	09 Apr 2025 10:39	YP\AJ	Ok
8	AR1221ICC100	PQ070141.D	09 Apr 2025 10:54	YP\AJ	Ok
9	AR1221ICC200	PQ070142.D	09 Apr 2025 11:08	YP\AJ	Ok
10	AR1221ICC400	PQ070143.D	09 Apr 2025 11:23	YP\AJ	Ok
11	AR1221ICC800	PQ070144.D	09 Apr 2025 11:37	YP\AJ	Ok
12	AR1221ICC1600	PQ070145.D	09 Apr 2025 11:52	YP\AJ	Ok
13	AR1232ICC100	PQ070146.D	09 Apr 2025 12:07	YP\AJ	Ok
14	AR1232ICC200	PQ070147.D	09 Apr 2025 12:21	YP\AJ	Ok
15	AR1232ICC400	PQ070148.D	09 Apr 2025 12:36	YP\AJ	Ok
16	AR1232ICC800	PQ070149.D	09 Apr 2025 12:50	YP\AJ	Ok
17	AR1232ICC1600	PQ070150.D	09 Apr 2025 13:05	YP\AJ	Ok
18	AR1242ICC100	PQ070151.D	09 Apr 2025 13:19	YP\AJ	Ok
19	AR1242ICC200	PQ070152.D	09 Apr 2025 13:34	YP\AJ	Ok
20	AR1242ICC400	PQ070153.D	09 Apr 2025 13:49	YP\AJ	Ok
21	AR1242ICC800	PQ070154.D	09 Apr 2025 14:03	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ040925

Review By	yogesh	Review On	4/10/2025 8:36:14 AM
Supervise By	mohammad	Supervise On	4/14/2025 12:39:35 AM
SubDirectory	PQ040925	HP Acquire Method	HP Processing Method PQ040925
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			

22	AR1242ICC1600	PQ070155.D	09 Apr 2025 14:18	YPIAJ	Ok
23	AR1248ICC100	PQ070156.D	09 Apr 2025 14:32	YPIAJ	Ok
24	AR1248ICC200	PQ070157.D	09 Apr 2025 14:47	YPIAJ	Ok
25	AR1248ICC400	PQ070158.D	09 Apr 2025 15:01	YPIAJ	Ok
26	AR1248ICC800	PQ070159.D	09 Apr 2025 15:16	YPIAJ	Ok
27	AR1248ICC1600	PQ070160.D	09 Apr 2025 15:31	YPIAJ	Ok
28	AR1254ICC100	PQ070161.D	09 Apr 2025 15:45	YPIAJ	Ok
29	AR1254ICC200	PQ070162.D	09 Apr 2025 16:00	YPIAJ	Ok
30	AR1254ICC400	PQ070163.D	09 Apr 2025 16:14	YPIAJ	Ok
31	AR1254ICC800	PQ070164.D	09 Apr 2025 16:29	YPIAJ	Ok
32	AR1254ICC1600	PQ070165.D	09 Apr 2025 16:43	YPIAJ	Ok
33	AR1262ICC100	PQ070166.D	09 Apr 2025 16:58	YPIAJ	Ok,M
34	AR1262ICC200	PQ070167.D	09 Apr 2025 17:13	YPIAJ	Ok
35	AR1262ICC400	PQ070168.D	09 Apr 2025 17:27	YPIAJ	Ok
36	AR1262ICC800	PQ070169.D	09 Apr 2025 17:42	YPIAJ	Ok
37	AR1262ICC1600	PQ070170.D	09 Apr 2025 17:56	YPIAJ	Ok
38	AR1268ICC100	PQ070171.D	09 Apr 2025 18:11	YPIAJ	Ok
39	AR1268ICC200	PQ070172.D	09 Apr 2025 18:25	YPIAJ	Ok
40	AR1268ICC400	PQ070173.D	09 Apr 2025 18:40	YPIAJ	Ok
41	AR1268ICC800	PQ070174.D	09 Apr 2025 18:54	YPIAJ	Ok
42	AR1268ICC1600	PQ070175.D	09 Apr 2025 19:09	YPIAJ	Ok
43	AIBLK14	PQ070176.D	09 Apr 2025 19:24	YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ042225

Review By	yogesh	Review On	4/22/2025 2:51:26 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:34:18 AM
SubDirectory	PQ042225	HP Acquire Method	HP Processing Method PQ040925
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	PQ070219.D	22 Apr 2025 09:48	YP\AJ	Ok
2	AIBLK17	PQ070220.D	22 Apr 2025 10:02	YP\AJ	Ok
3	AR1660CCC400	PQ070221.D	22 Apr 2025 10:17	YP\AJ	Ok
4	Q1837-13	PQ070222.D	22 Apr 2025 11:47	YP\AJ	Ok
5	Q1837-14	PQ070223.D	22 Apr 2025 12:02	YP\AJ	Ok
6	AIBLK18	PQ070224.D	22 Apr 2025 12:16	YP\AJ	Ok
7	AR1660CCC400	PQ070225.D	22 Apr 2025 12:31	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ040925

Review By	yogesh	Review On	4/10/2025 8:36:14 AM
Supervise By	mohammad	Supervise On	4/14/2025 12:39:35 AM
SubDirectory	PQ040925	HP Acquire Method	HP Processing Method PQ040925

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	PQ070134.D	09 Apr 2025 09:12		YP\AJ	Ok
2	AIBLK13	AIBLK340	PQ070135.D	09 Apr 2025 09:26		YP\AJ	Ok
3	AR1660ICC100	AR16601038	PQ070136.D	09 Apr 2025 09:41		YP\AJ	Ok
4	AR1660ICC200	AR16602039	PQ070137.D	09 Apr 2025 09:55		YP\AJ	Ok
5	AR1660ICC400	AR16603040	PQ070138.D	09 Apr 2025 10:10		YP\AJ	Ok
6	AR1660ICC800	AR16604041	PQ070139.D	09 Apr 2025 10:25		YP\AJ	Ok
7	AR1660ICC1600	AR16605042	PQ070140.D	09 Apr 2025 10:39		YP\AJ	Ok
8	AR1221ICC100	AR12211043	PQ070141.D	09 Apr 2025 10:54		YP\AJ	Ok
9	AR1221ICC200	AR12212044	PQ070142.D	09 Apr 2025 11:08		YP\AJ	Ok
10	AR1221ICC400	AR12213045	PQ070143.D	09 Apr 2025 11:23		YP\AJ	Ok
11	AR1221ICC800	AR12214046	PQ070144.D	09 Apr 2025 11:37		YP\AJ	Ok
12	AR1221ICC1600	AR12215047	PQ070145.D	09 Apr 2025 11:52		YP\AJ	Ok
13	AR1232ICC100	AR12321048	PQ070146.D	09 Apr 2025 12:07		YP\AJ	Ok
14	AR1232ICC200	AR12322049	PQ070147.D	09 Apr 2025 12:21		YP\AJ	Ok
15	AR1232ICC400	AR12323050	PQ070148.D	09 Apr 2025 12:36		YP\AJ	Ok
16	AR1232ICC800	AR12324001	PQ070149.D	09 Apr 2025 12:50		YP\AJ	Ok
17	AR1232ICC1600	AR12325002	PQ070150.D	09 Apr 2025 13:05		YP\AJ	Ok
18	AR1242ICC100	AR12421003	PQ070151.D	09 Apr 2025 13:19		YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ040925

Review By	yogesh	Review On	4/10/2025 8:36:14 AM
Supervise By	mohammad	Supervise On	4/14/2025 12:39:35 AM
SubDirectory	PQ040925	HP Acquire Method	HP Processing Method PQ040925
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,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 PP24018,PP24023,PP24028,PP24033,PP24038,PP24043,PP24048,PP24053		

19	AR1242ICC200	AR12422004	PQ070152.D	09 Apr 2025 13:34		YPIAJ	Ok
20	AR1242ICC400	AR12423005	PQ070153.D	09 Apr 2025 13:49		YPIAJ	Ok
21	AR1242ICC800	AR12424006	PQ070154.D	09 Apr 2025 14:03		YPIAJ	Ok
22	AR1242ICC1600	AR12425007	PQ070155.D	09 Apr 2025 14:18		YPIAJ	Ok
23	AR1248ICC100	AR12481008	PQ070156.D	09 Apr 2025 14:32		YPIAJ	Ok
24	AR1248ICC200	AR12482009	PQ070157.D	09 Apr 2025 14:47		YPIAJ	Ok
25	AR1248ICC400	AR12483010	PQ070158.D	09 Apr 2025 15:01		YPIAJ	Ok
26	AR1248ICC800	AR12484011	PQ070159.D	09 Apr 2025 15:16		YPIAJ	Ok
27	AR1248ICC1600	AR12485012	PQ070160.D	09 Apr 2025 15:31		YPIAJ	Ok
28	AR1254ICC100	AR12541013	PQ070161.D	09 Apr 2025 15:45		YPIAJ	Ok
29	AR1254ICC200	AR12542014	PQ070162.D	09 Apr 2025 16:00		YPIAJ	Ok
30	AR1254ICC400	AR12543015	PQ070163.D	09 Apr 2025 16:14		YPIAJ	Ok
31	AR1254ICC800	AR12544016	PQ070164.D	09 Apr 2025 16:29		YPIAJ	Ok
32	AR1254ICC1600	AR12545017	PQ070165.D	09 Apr 2025 16:43		YPIAJ	Ok
33	AR1262ICC100	AR12621018	PQ070166.D	09 Apr 2025 16:58		YPIAJ	Ok,M
34	AR1262ICC200	AR12622019	PQ070167.D	09 Apr 2025 17:13		YPIAJ	Ok
35	AR1262ICC400	AR12623020	PQ070168.D	09 Apr 2025 17:27		YPIAJ	Ok
36	AR1262ICC800	AR12624021	PQ070169.D	09 Apr 2025 17:42		YPIAJ	Ok
37	AR1262ICC1600	AR12625022	PQ070170.D	09 Apr 2025 17:56		YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ040925

Review By	yogesh	Review On	4/10/2025 8:36:14 AM
Supervise By	mohammad	Supervise On	4/14/2025 12:39:35 AM
SubDirectory	PQ040925	HP Acquire Method	HP Processing Method PQ040925
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		

38	AR1268ICC100	AR12681023	PQ070171.D	09 Apr 2025 18:11		YP\AJ	Ok
39	AR1268ICC200	AR12682024	PQ070172.D	09 Apr 2025 18:25		YP\AJ	Ok
40	AR1268ICC400	AR12683025	PQ070173.D	09 Apr 2025 18:40		YP\AJ	Ok
41	AR1268ICC800	AR12684026	PQ070174.D	09 Apr 2025 18:54		YP\AJ	Ok
42	AR1268ICC1600	AR12685027	PQ070175.D	09 Apr 2025 19:09		YP\AJ	Ok
43	AIBLK14	AIBLK341	PQ070176.D	09 Apr 2025 19:24		YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ042225

Review By	yogesh	Review On	4/22/2025 2:51:26 PM
Supervise By	mohammad	Supervise On	4/24/2025 6:34:18 AM
SubDirectory	PQ042225	HP Acquire Method	HP Processing Method PQ040925
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	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070219.D	22 Apr 2025 09:48		YP\AJ	Ok
2	AIBLK17	AIBLK344	PQ070220.D	22 Apr 2025 10:02		YP\AJ	Ok
3	AR1660CCC400	AR16603154	PQ070221.D	22 Apr 2025 10:17		YP\AJ	Ok
4	Q1837-13	PCB-GPC2-BLANK	PQ070222.D	22 Apr 2025 11:47		YP\AJ	Ok
5	Q1837-14	PCB-GPC2-BLANK-SP	PQ070223.D	22 Apr 2025 12:02		YP\AJ	Ok
6	AIBLK18	AIBLK345	PQ070224.D	22 Apr 2025 12:16		YP\AJ	Ok
7	AR1660CCC400	AR16603155	PQ070225.D	22 Apr 2025 12:31		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135479

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
Q1832-01	PL-714-COMP-01	1	1.14	10.54	11.68	8.96	74.2	
Q1832-02	PL-714-VOC-01	2	1.15	10.97	12.12	10.02	80.9	
Q1832-03	PL-714-01	3	1.18	9.09	10.27	8.53	80.9	
Q1832-04	PL-714-02	4	1.18	10.09	11.27	8.99	77.4	
Q1832-05	PL-714-03	5	1.16	9.87	11.03	8.75	76.9	
Q1832-07	PL-714-COMP-02	6	1.14	10.41	11.55	8.62	71.9	
Q1832-08	PL-714-VOC-02	7	1.18	11.49	12.67	10.23	78.8	
Q1832-09	PL-714-04	8	1.13	10.63	11.76	9.86	82.1	
Q1832-10	PL-714-05	9	1.18	9.84	11.02	8.66	76.0	
Q1832-11	PL-714-06	10	1.18	10.84	12.02	9.63	78.0	
Q1832-13	PL-714-COMP-03	11	1.11	9.89	11.00	9.11	80.9	
Q1832-14	PL-714-VOC-03	12	1.15	11.09	12.24	10.2	81.6	
Q1832-15	PL-714-07	13	1.18	10.06	11.24	9.2	79.7	
Q1832-16	PL-714-08	14	1.18	10.20	11.38	9.36	80.2	
Q1832-17	PL-714-09	15	1.18	10.40	11.58	9.24	77.5	
Q1832-19	PL-714-COMP-04	16	1.18	10.48	11.66	9.65	80.8	
Q1832-20	PL-714-VOC-04	17	1.13	10.65	11.78	9.28	76.5	
Q1832-21	PL-714-10	18	1.19	9.80	10.99	9.00	79.7	
Q1832-22	PL-714-11	19	1.18	10.35	11.53	9.03	75.8	
Q1832-23	PL-714-12	20	1.19	11.05	12.24	10.37	83.1	
Q1832-25	PL-714-COMP-05	21	1.18	10.17	11.35	9.28	79.6	
Q1832-26	PL-714-VOC-05	22	1.18	10.15	11.33	9.09	77.9	
Q1832-27	PL-714-13	23	1.19	9.97	11.16	8.99	78.2	
Q1832-28	PL-714-14	24	1.18	9.62	10.8	8.74	78.6	
Q1832-29	PL-714-15	25	1.18	10.14	11.32	9.13	78.4	
Q1832-31	PL-714-COMP-6	26	1.14	11.41	12.55	11.02	86.6	
Q1832-32	PL-714-VOC-6	27	1.14	12.66	13.8	11.94	85.3	
Q1832-33	PL-714-16	28	1.18	9.22	10.4	8.49	79.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135479

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
Q1832-34	PL-714-17	29	1.17	9.92	11.09	9.21	81.0	
Q1832-35	PL-714-18	30	1.14	11.07	12.21	10.00	80.0	
Q1832-37	PL-714-COMP-07	31	1.18	10.43	11.61	9.85	83.1	
Q1832-38	PL-714-VOC-07	32	1.15	12.12	13.27	10.88	80.3	
Q1832-39	PL-714-19	33	1.19	9.57	10.76	9.37	85.5	
Q1832-40	PL-714-20	34	1.19	10.45	11.64	10.04	84.7	
Q1832-41	PL-714-21	35	1.19	10.66	11.85	9.81	80.9	
Q1837-05	SVOC-GPC-BLANK	36	1.00	1.00	2.00	2.00	100.0	
Q1837-06	PEST-GPC-BLANK	37	1.00	1.00	2.00	2.00	100.0	
Q1837-07	PEST-GPC-BLANK-SPIKE	38	1.00	1.00	2.00	2.00	100.0	
Q1837-08	PCB-GPC-BLANK	39	1.00	1.00	2.00	2.00	100.0	
Q1837-09	PCB-GPC-BLANK-SPIKE	40	1.00	1.00	2.00	2.00	100.0	
Q1837-10	SVOC-GPC2-BLANK	41	1.00	1.00	2.00	2.00	100.0	
Q1837-11	PEST-GPC2-BLANK	42	1.00	1.00	2.00	2.00	100.0	
Q1837-12	PEST-GPC2-BLANK-SPIKE	43	1.00	1.00	2.00	2.00	100.0	
Q1837-13	PCB-GPC2-BLANK	44	1.00	1.00	2.00	2.00	100.0	
Q1837-14	PCB-GCP2-BLANK-SPIKE	45	1.00	1.00	2.00	2.00	100.0	
Q1838-01	AT054P-SD38-041625-00	46	1.15	10.30	11.45	7.85	65.0	
Q1838-02	AT054P-SD39-041625-00	47	1.19	10.38	11.57	7.79	63.6	
Q1838-03	AT050P-SD06-041625-00	48	1.13	11.00	12.13	7.96	62.1	
Q1838-04	AT057P-SD06-041625-00	49	1.19	10.62	11.81	7.82	62.4	
Q1838-05	AT057P-SD05-041625-00	50	1.18	11.35	12.53	8.17	61.6	
Q1838-06	AT050P-SD33-041625-00	51	1.17	10.83	12.00	9.66	78.4	
Q1838-07	AT050P-SD32-041625-00	52	1.19	10.33	11.52	6.18	48.3	
Q1839-01	AT016P-SD03-041625-00	53	1.14	10.59	11.73	9.53	79.2	
Q1839-02	AT016P-SD09-041625-00	54	1.17	11.46	12.63	9.39	71.7	
Q1839-03	AT016P-SD12-041625-00	55	1.13	9.85	10.98	9.22	82.1	
Q1839-04	AT016P-SD11-041625-00	56	1.13	9.93	11.06	8.35	72.7	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135479

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
Q1839-05	AT016P-SD10-041625-00	57	1.18	10.88	12.06	8.91	71.0	
Q1839-06	AT091P-SD06-041625-00	58	1.15	10.31	11.46	8.32	69.5	
Q1839-07	AT016P-SD07-041625-00	59	1.17	10.39	11.56	9.42	79.4	
Q1839-08	AT016P-SD08-041625-00	60	1.12	10.64	11.76	8.45	68.9	
Q1839-09	AT014P-SD16-041625-00	61	1.15	10.32	11.47	8.96	75.7	
Q1839-10	AT014P-SD17-041625-00	62	1.19	10.10	11.29	9.39	81.2	
Q1839-11	AT014P-SD18-041625-00	63	1.17	10.48	11.65	10.74	91.3	
Q1839-12	AT014P-SD19-041625-00	64	1.15	10.14	11.29	10.96	96.7	
Q1839-13	AT014P-SD21-041625-00	65	1.19	10.58	11.77	9.82	81.6	
Q1839-14	AT014P-SD20-041625-00	66	1.13	9.63	10.76	8.18	73.2	
Q1839-15	AT014P-SD15-041625-00	67	1.12	10.07	11.19	9.72	85.4	
Q1839-16	AT014P-SD22-041625-00	68	1.18	10.23	11.41	8.96	76.1	
Q1839-17	AT014P-SD23-041625-00	69	1.14	10.29	11.43	8.24	69.0	
Q1840-01	OK-04-04182025	70	1.19	10.31	11.5	10.55	90.8	
Q1840-02	OK-04-04182025-E2	71	1.19	10.07	11.26	10.47	92.2	
Q1841-01	VNJ-231	72	1.15	10.14	11.29	10.1	88.3	
Q1841-02	VNJ-231	73	1.17	10.14	11.31	10.15	88.6	
Q1842-01	PL-714-COMP-08	74	1.19	10.11	11.3	9.2	79.2	
Q1842-02	PL-714-VOC-08	75	1.14	10.29	11.43	9.37	80.0	
Q1842-03	PL-714-22	76	1.18	9.99	11.17	8.78	76.1	
Q1842-04	PL-714-23	77	1.18	9.76	10.94	8.76	77.7	
Q1842-05	PL-714-24	78	1.19	10.19	11.38	9.28	79.4	
Q1842-07	PL-714-COMP-09	79	1.17	10.73	11.9	9.84	80.8	
Q1842-08	PL-714-VOC-09	80	1.14	11.11	12.25	9.95	79.3	
Q1842-09	PL-714-25	81	1.19	9.85	11.04	9.14	80.7	
Q1842-10	PL-714-26	82	1.19	10.12	11.31	9.48	81.9	
Q1842-11	PL-714-27	83	1.18	10.00	11.18	8.61	74.3	
Q1842-13	PL-714-COMP-10	84	1.13	10.75	11.88	9.87	81.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:44
Out Date: 04/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135479

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
Q1842-14	PL-714-VOC-10	85	1.17	11.91	13.08	10.55	78.8	
Q1842-15	PL-714-28	86	1.12	9.67	10.79	8.92	80.7	
Q1842-16	PL-714-29	87	1.17	10.71	11.88	9.47	77.5	
Q1842-17	PL-714-30	88	1.14	10.44	11.58	9.35	78.6	
Q1842-18	PL-714-COMP-10	89	1.17	10.33	11.5	9.25	78.2	
Q1842-19	PL-714-COMP-11	90	1.11	11.66	12.77	10.42	79.8	
Q1842-20	PL-714-VOC-11	91	1.19	9.96	11.15	8.65	74.9	
Q1842-21	PL-714-31	92	1.16	10.80	11.96	9.61	78.2	
Q1842-22	PL-714-32	93	1.18	10.11	11.29	9.24	79.7	
Q1842-23	PL-714-33	94	1.15	10.10	11.25	8.98	77.5	
Q1842-25	PL-714-COMP-12	95	1.14	10.04	11.18	9.52	83.5	
Q1842-26	PL-714-VOC-12	96	1.16	10.39	11.55	9.64	81.6	
Q1842-27	PL-714-34	97	1.18	10.04	11.22	9.95	87.4	
Q1842-28	PL-714-35	98	1.13	10.72	11.85	9.92	82.0	
Q1842-29	PL-714-36	99	1.18	10.01	11.19	9.36	81.7	
Q1842-31	PL-714-COMP-13	100	1.12	10.56	11.68	10.13	85.3	
Q1842-32	PL-714-VOC-13	101	1.12	12.71	13.83	12.36	88.4	
Q1842-33	PL-714-37	102	1.19	10.17	11.36	10.18	88.4	
Q1842-34	PL-714-38	103	1.13	10.00	11.13	9.24	81.1	
Q1842-35	PL-714-39	104	1.14	10.53	11.67	9.39	78.3	
Q1842-37	PL-714-COMP-14	105	1.13	10.66	11.79	10.36	86.6	
Q1842-38	PL-714-VOC-14	106	1.13	11.37	12.5	10.84	85.4	
Q1842-39	PL-714-40	107	1.16	10.54	11.7	9.98	83.7	
Q1842-40	PL-714-41	108	1.13	11.09	12.22	10.49	84.4	
Q1842-41	PL-714-42	109	1.17	10.89	12.06	10.26	83.5	

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

WORKLIST(Hardcopy Internal Chain)

135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1837-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1838-01	AT054P-SD38-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-02	AT054P-SD39-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-03	AT050P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-04	AT057P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-05	AT057P-SD05-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-06	AT050P-SD33-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1838-07	AT050P-SD32-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L41	04/16/2025	Chemtech -SO
Q1839-01	AT016P-SD03-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-02	AT016P-SD09-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-03	AT016P-SD12-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-04	AT016P-SD11-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-05	AT016P-SD10-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-06	AT091P-SD06-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-07	AT016P-SD07-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-08	AT016P-SD08-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-09	AT014P-SD16-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-10	AT014P-SD17-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-11	AT014P-SD18-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO

Date/Time 04-18-25 15:00

Raw Sample Received by: SPWC

Raw Sample Relinquished by: SPWC

Date/Time 04-18-25

Raw Sample Received by: SPWC

Raw Sample Relinquished by: SPWC

WORKLIST(Hardcopy Internal Chain)

135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1839-12	AT014P-SD19-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-13	AT014P-SD21-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-14	AT014P-SD20-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-15	AT014P-SD15-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-16	AT014P-SD22-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1839-17	AT014P-SD23-041625-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L31	04/16/2025	Chemtech -SO
Q1840-01	OK-04-04182025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/18/2025	Chemtech -SO
Q1840-02	OK-04-04182025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	04/18/2025	Chemtech -SO
Q1841-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/18/2025	Chemtech -SO
Q1841-02	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/18/2025	Chemtech -SO
Q1842-01	PL-714-COMP-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-02	PL-714-VOC-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-03	PL-714-22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-04	PL-714-23	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-05	PL-714-24	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-07	PL-714-COMP-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-08	PL-714-VOC-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-09	PL-714-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-10	PL-714-26	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-11	PL-714-27	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-13	PL-714-COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

Date/Time 04-18-25 15:00

Raw Sample Received by: SA WCV

Raw Sample Relinquished by: SA WCV

Date/Time 04-18-25

Raw Sample Received by: SA WCV

Raw Sample Relinquished by: SA WCV

WORKLIST(Hardcopy Internal Chain)

135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1832-01	PL-714-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-02	PL-714-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-03	PL-714-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-04	PL-714-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-05	PL-714-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-07	PL-714-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-08	PL-714-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-09	PL-714-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-10	PL-714-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-11	PL-714-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-13	PL-714-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-14	PL-714-VOC-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-15	PL-714-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-16	PL-714-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-17	PL-714-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-19	PL-714-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-20	PL-714-VOC-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-21	PL-714-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-22	PL-714-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-23	PL-714-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-25	PL-714-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO

Date/Time 04-18-25 15:00

Raw Sample Received by: SP woc

Raw Sample Relinquished by: [Signature]

Date/Time 04-18-25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1832-26	PL-714-VOC-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-27	PL-714-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-28	PL-714-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-29	PL-714-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-31	PL-714-COMP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-32	PL-714-VOC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-33	PL-714-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-34	PL-714-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-35	PL-714-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-37	PL-714-COMP-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-38	PL-714-VOC-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-39	PL-714-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-40	PL-714-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1832-41	PL-714-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/16/2025	Chemtech -SO
Q1837-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/16/2025	Chemtech -SO
Q1837-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1837-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO

Date/Time 04-18-25 15:00

Raw Sample Received by: SA WJC

Raw Sample Relinquished by: [Signature]

Date/Time 04-18-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

IF:10

WORKLIST(Hardcopy Internal Chain)

9-135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1842-14	PL-714-VOC-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-15	PL-714-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-16	PL-714-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-17	PL-714-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-18	PL-714-COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-19	PL-714-COMP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-20	PL-714-VOC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-21	PL-714-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-22	PL-714-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-23	PL-714-33	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-25	PL-714-COMP-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-26	PL-714-VOC-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-27	PL-714-34	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-28	PL-714-35	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-29	PL-714-36	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-31	PL-714-COMP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-32	PL-714-VOC-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-33	PL-714-37	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-34	PL-714-38	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-35	PL-714-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-37	PL-714-COMP-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

04-18-25 751.00

Raw Sample Received by: SB CWC

Raw Sample Relinquished by: ASU SH

Date/Time 04-18-25

Raw Sample Received by: ASU SH

Raw Sample Relinquished by: SB CWC

WORKLIST(Hardcopy Internal Chain)

27135479

WorkList Name : %1-041825

WorkList ID : 189012

Department : Wet-Chemistry

Date : 04-18-2025 08:06:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1842-38	PL-714-VOC-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-39	PL-714-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-40	PL-714-41	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO
Q1842-41	PL-714-42	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/17/2025	Chemtech -SO

Date/Time 04.18.25 75100

Raw Sample Received by: SP LEOC

Raw Sample Relinquished by: SP LEOC

Date/Time 04.18.25

Raw Sample Received by: SP LEOC

Raw Sample Relinquished by: SP LEOC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 04/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 04/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135506

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
Q1837-15	FLORISIL CHECK	1	1.00	1.00	2.00	2.00	100.0	
Q1845-01	GAS-PIPE-1	2	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1846-01	JEI294J-1-1	12	1.00	1.00	2.00	2.00	100.0	pile
Q1846-02	JEI294J-1-2	13	1.00	1.00	2.00	2.00	100.0	pile
Q1847-01	MOO-25-0121	14	1.18	10.13	11.31	10.13	88.4	
Q1847-02	MOO-25-0122	15	1.15	9.96	11.11	10.58	94.7	
Q1847-03	PAD-24125	16	1.18	10.49	11.67	11.22	95.7	
Q1848-01	RBR200027	17	1.13	10.13	11.26	10.14	88.9	
Q1848-02	RBR200027-E2	18	1.15	10.37	11.52	9.94	84.8	
Q1848-03	ETGI-275	19	1.18	10.98	12.16	10.61	85.9	
Q1848-04	ETGI-275-E2	20	1.17	9.95	11.12	9.8	86.7	
Q1848-05	ETGI-342	21	1.14	10.56	11.7	10.38	87.5	
Q1848-06	ETGI-342-E2	22	1.16	10.33	11.49	10.15	87.0	
Q1850-01	CONCRETE-PILE-N-C-LOT	3	1.00	1.00	2.00	2.00	100.0	CONCRETE- PILE
Q1850-02	CONCRETE-PILE-N-C-LOT	4	1.00	1.00	2.00	2.00	100.0	CONCRETE- PILE
Q1851-01	DP5	5	1.14	9.88	11.02	10.7	96.8	
Q1851-02	DP6	6	1.14	9.88	11.02	10.72	97.0	
Q1851-03	DP7	7	1.15	9.82	10.97	10.82	98.5	
Q1851-04	DP8	8	1.13	10.84	11.97	11.14	92.3	
Q1851-05	GP5	9	1.14	10.60	11.74	11.47	97.5	
Q1851-06	GP6	10	1.13	11.10	12.23	11.00	88.9	
Q1851-07	GP7	11	1.18	10.44	11.62	10.91	93.2	

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

WORKLIST(Hardcopy Internal Chain)

VB 133506

WorkList Name : %1-042125

WorkList ID : 189042

Department : Wet-Chemistry

Date : 04-21-2025 08:36:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1837-15	FLORISIL CHECK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/11/2025	Chemtech -SO
Q1845-01	GAS-PIPE-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1846-01	JEI294J-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1846-02	JEI294J-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-01	MOO-25-0121	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-02	MOO-25-0122	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1847-03	PAD-24125	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/21/2025	Chemtech -SO
Q1848-01	RBR200027	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-02	RBR200027-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-03	ETGI-275	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-04	ETGI-275-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-05	ETGI-342	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1848-06	ETGI-342-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1850-01	CONCRETE-PILE-N-C-LOT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1850-02	CONCRETE-PILE-N-C-LOT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/21/2025	Chemtech -SO
Q1851-01	DP5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-02	DP6	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-03	DP7	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-04	DP8	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-05	GP5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO
Q1851-06	GP6	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO

Date/Time 04/21/25 15:00

Raw Sample Received by: SO WCC

Raw Sample Relinquished by: A.C. (sum)

Date/Time 04/21/25

Raw Sample Received by: F.C. SMI

Raw Sample Relinquished by: SO WCC

MB135506

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-042125 WorkList ID : 189042 Department : Wet-Chemistry Date : 04-21-2025 08:36:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1851-07	GP7	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	04/21/2025	Chemtech -SO

Date/Time 04/21/25 15:00
Raw Sample Received by: SP Wong
Raw Sample Relinquished by: L.C (sm)

Date/Time 04/21/25 17:10
Raw Sample Received by: T. P. my
Raw Sample Relinquished by: SP Wong

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

Clean Up SOP #: GPC Cleanup, Acid Cleanup

Extraction Start Date : 04/21/2025

Matrix : Solid

Extraction Start Time : 11:20

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 04/22/2025

Balance check: N/A

Filter By: N/A

Extraction End Time : 10:00

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

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	PP24452
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	EP2600
Baked Na2SO4	N/A	EP2604
Hexane	N/A	E3916
H2SO4 1:1	N/A	EP2565
Methylene Chloride	N/A	E3926
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

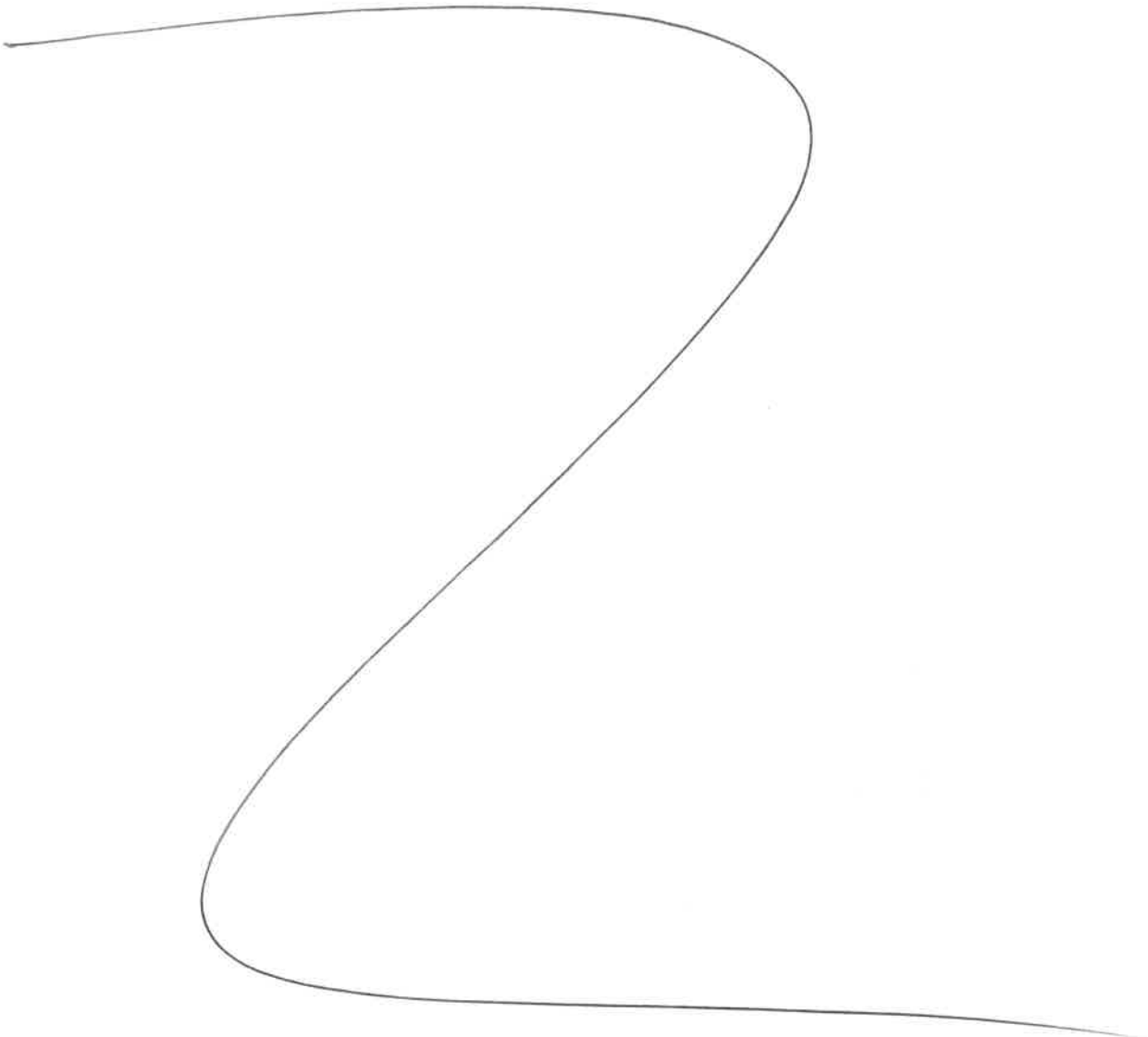
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/22/25	RS (Ext Lab)	RS (Ext Lab)
10:05	Preparation Group	Analysis Group

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

Concentration Date: 04/22/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1837-13	PCB-GPC2-BLANK	PCB	10.0	N/A	Evelyn	RUPESH	5			
Q1837-14	PCB-GCP2-BLANK-SPIKE	PCB	10.0	N/A	Evelyn	RUPESH	5			



RS
4/22

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1837

WorkList ID : 189063

Department : Extraction

Date : 04-21-2025 11:07:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1837-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_SVOC
Q1837-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_PEST
Q1837-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_PEST
Q1837-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_PCB
Q1837-14	PCB-GCP2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_PCB
Q1837-15	FLORISIL CHECK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	04/11/2025	SFAM_PEST

Date/Time 4/21/25 11:07
 Raw Sample Received by: RJ (Ext 166)
 Raw Sample Relinquished by: [Signature] SH

Date/Time 4/21/25 11:30
 Raw Sample Received by: [Signature] SH
 Raw Sample Relinquished by: RJ (Ext 166)

Prep Standard - Chemical Standard Summary

Order ID : Q1837

Test : PCB

Prepbatch ID : PB167678,

Sequence ID/Qc Batch ID: PQ042225,

Standard ID :

EP2565,EP2600,EP2604,PP24014,PP24016,PP24017,PP24018,PP24019,PP24020,PP24021,PP24022,PP24023,PP24024,PP24025,PP24026,PP24027,PP24028,PP24029,PP24030,PP24031,PP24032,PP24033,PP24034,PP24035,PP24036,PP24037,PP24038,PP24039,PP24040,PP24041,PP24042,PP24043,PP24044,PP24045,PP24046,PP24047,PP24048,PP24049,PP24050,PP24051,PP24052,PP24053,PP24054,PP24055,PP24370,PP24452,

Chemical ID :

E3551,E3804,E3826,E3830,E3904,E3916,E3917,E3926,M5173,P10662,P11582,P12930,P12935,P12949,P13370,P13376,P13378,P13380,P13704,W3112,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2600	04/07/2025	10/03/2025	Rajesh Parikh	None	None	Riteshkumar Patel 04/07/2025

FROM 8000.00000ml of E3904 + 8000.00000ml of E3917 = Final Quantity: 16000.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2604	04/16/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 04/16/2025
<u>FROM</u> 4000.00000gram of E3551 = Final Quantity: 4000.000 gram								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
70	10/20 PPM Pest/PCB SOM01.2 Surg Stock	PP24014	11/21/2024	05/18/2025	Ankita Jodhani	None	None	Yogesh Patel 11/22/2024
<u>FROM</u> 1.00000ml of P10662 + 9.00000ml of E3830 = Final Quantity: 10.000 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
704	Aroclor 1016/1260 CS5 (1600 ng/ml)	PP24016	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P13370 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
705	Aroclor 1016/1260 CS4 (800 ng/ml)	PP24017	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24016 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
706	Aroclor 1016/1260 CS3 (400 ng/ml)	PP24018	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24016 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
707	Aroclor 1016/1260 CS2 (200 ng/ml)	PP24019	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24017 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
708	Aroclor 1016/1260 CS1 (100 ng/ml)	PP24020	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24018 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
696	Aroclor 1221 CS5 (1600\80\160 ng/ml)	PP24021	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P11582 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1857	Aroclor 1221 CS4 (800 ng/ml)	PP24022	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24021 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
689	Aroclor 1221 CS3 (400 ng/ml)	PP24023	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24021 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1858	Aroclor 1221 CS2 (200 ng/ml)	PP24024	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24023 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1859	Aroclor 1221 CS1 (100 ng/ml)	PP24025	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24024 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
697	Aroclor 1232 CS5 (1600\80\160 ng/ml)	PP24026	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P13376 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1860	Aroclor 1232 CS4 (800 ng/ml)	PP24027	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24026 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
690	Aroclor 1232 CS3 (400 ng/ml)	PP24028	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24026 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1861	Aroclor 1232 CS2 (200 ng/ml)	PP24029	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24028 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1862	Aroclor 1232 CS1 (100 ng/ml)	PP24030	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24029 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
698	Aroclor 1242 CS5 (1600\80\160 ng/ml)	PP24031	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P12930 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1432	Aroclor 1242 CS4 (800 ng/ml)	PP24032	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24031 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
691	Aroclor 1242 CS3 (400 ng/ml)	PP24033	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24031 = Final Quantity: 1.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1433	Aroclor 1242 CS2 (200 ng/ml)	PP24034	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
<u>FROM</u> 0.50000ml of E3826 + 0.50000ml of PP24033 = Final Quantity: 1.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1434	Aroclor 1242 CS1 (100 ng/ml)	PP24035	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
<u>FROM</u> 0.50000ml of E3826 + 0.50000ml of PP24034 = Final Quantity: 1.000 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
699	Aroclor 1248 CS5 (1600\80\160 ng/ml)	PP24036	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P12935 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1255	Aroclor 1248 CS4 (800 ng/ml)	PP24037	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24036 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
692	Aroclor 1248 CS3 (400 ng/ml)	PP24038	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24036 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1256	Aroclor 1248 CS2 (200 ng/ml)	PP24039	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24038 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1257	Aroclor 1248 CS1 (100 ng/ml)	PP24040	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24039 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
700	Aroclor 1254 CS5 (1600\80\160 ng/ml)	PP24041	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P13704 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1863	Aroclor 1254 CS4 (800 ng/ml)	PP24042	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24041 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
693	Aroclor 1254 CS3 (400 ng/ml)	PP24043	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24041 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1864	Aroclor 1254 CS2 (200 ng/ml)	PP24044	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24043 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1865	Aroclor 1254 CS1 (100 ng/ml)	PP24045	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24044 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
701	Aroclor 1262 CS5 (1600\80\160 ng/ml)	PP24046	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P13378 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1866	Aroclor 1262 CS4 (800 ng/ml)	PP24047	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24046 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
694	Aroclor 1262 CS3 (400 ng/ml)	PP24048	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24046 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1867	Aroclor 1262 CS2 (200 ng/ml)	PP24049	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24048 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1868	Aroclor 1262 CS1 (100 ng/ml)	PP24050	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24049 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
702	Aroclor 1268 CS5 (1600\80\160 ng/ml)	PP24051	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.16000ml of P13380 + 99.04000ml of E3826 + 0.80000ml of PP24014 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1869	Aroclor 1268 CS4 (800 ng/ml)	PP24052	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24051 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
703	Aroclor 1268 CS3 (400 ng/ml)	PP24053	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.75000ml of E3826 + 0.25000ml of PP24051 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1870	Aroclor 1268 CS2 (200 ng/ml)	PP24054	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24053 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1871	Aroclor 1268 CS1 (100 ng/ml)	PP24055	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel
								11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24054 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3798	400 PPB PCB GPC SPIKE	PP24452	04/03/2025	09/18/2025	Abdul Mirza	None	None	Yogesh Patel
								04/16/2025

FROM 99.60000ml of E3904 + 0.40000ml of PP24370 = Final Quantity: 100.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	05/09/2025	11/09/2024 / Rajesh	11/07/2024 / Rajesh	E3826

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	05/18/2025	11/18/2024 / Rajesh	11/15/2024 / Rajesh	E3830

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	01/07/2026	03/13/2025 /	12/27/2024 / RUPESH	E3904

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3916

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	10/03/2025	04/03/2025 / Rajesh	03/31/2025 / Rajesh	E3917

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32453 / Pesticide Stock Standard, Pesticide Surrogate Mix, 1mL, 100-200ug/mL, acetone	A0170323	05/21/2025	11/21/2024 / Ankita	05/24/2021 / Abdul	P10662

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0175456	05/21/2025	11/21/2024 / Ankita	03/18/2022 / Abdul	P11582

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	05/21/2025	11/21/2024 / Ankita	12/07/2023 / Ankita	P12930

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	05/21/2025	11/21/2024 / Ankita	12/07/2023 / Ankita	P12935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0203315	05/21/2025	11/21/2024 / Ankita	05/03/2024 / Abdul	P13370

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0206618	05/21/2025	11/21/2024 / Ankita	05/03/2024 / Abdul	P13376

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0208576	05/21/2025	11/21/2024 / Ankita	05/03/2024 / Abdul	P13378

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0207475	05/21/2025	11/21/2024 / Ankita	05/03/2024 / Abdul	P13380

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0212239	08/31/2030	11/21/2024 /	10/17/2024 / yogesh	P13704

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.5	0.1
Water (H ₂ O)	≤ 0.5 %	0.1 %
Solubility in H ₂ O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
------	---------------	--------

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales
Sr. Manager, Quality Assurance

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3826

Rec'd by RP on 11/7/24

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 11/15/24

E 3830

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Harout Sahagian

Harout Sahagian - Quality Control Manager - Fair Lawn

Recd by RP on 3/31/25

E 3946

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.
 *Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 03/31/25

E3917

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor



Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date: 2026-02-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	99.9%
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.8 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3926

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

Hydrochloric Acid, 36.5–38.0%
 BAKER INSTRA-ANALYZED® Reagent
 For Trace Metal Analysis



Material No.: 9530-33
 Batch No.: 0000281827
 Manufactured Date: 2021/03/30
 Retest Date: 2026/03/29
 Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.6
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	1
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.189
ACS – Bromide (Br)	<= 0.005 %	< 0.005
ACS – Extractable Organic Substances	<= 5 ppm	< 1
ACS – Free Chlorine (as Cl ₂)	<= 0.5 ppm	< 0.5
Phosphate (PO ₄)	<= 0.05 ppm	< 0.03
Sulfate (SO ₄)	<= 0.5 ppm	< 0.3
Sulfite (SO ₃)	<= 0.8 ppm	0.3
Ammonium (NH ₄)	<= 3 ppm	< 1
Trace Impurities – Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities – Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities – Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities – Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities – Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities – Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities – Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities – Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities – Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities – Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities – Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities – Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
 Avantor Performance Materials, LLC
 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities – Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities – Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities – Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities – Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities – Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities – Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities – Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities – Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities – Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities – Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities – Selenium (Se), For Information Only	ppb	1.0
Trace Impurities – Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities – Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities – Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities – Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities – Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities – Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities – Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities – Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities – Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities – Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities – Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use

Product Information (not specifications):

Appearance (clear, fuming liquid)

Meets ACS Specifications

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32453 Lot No.: A0170323
Description : SOM01.1 Pesticide Surrogate Standard
Pesticide Surrogate Mix 100-200µg/mL, Acetone, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : June 30, 2027 Storage: 0°C or colder
Handling: Contains PCBs - sonicate prior to use. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene CAS # 877-09-8 (Lot 0052481) Purity 98%	100.0 µg/mL	+/- 0.7088 µg/mL Gravimetric +/- 3.1930 µg/mL Unstressed +/- 4.1577 µg/mL Stressed
2	Decachlorobiphenyl (BZ# 209) CAS # 2051-24-3 (Lot ER071509-01) Purity 99%	200.0 µg/mL	+/- 1.4182 µg/mL Gravimetric +/- 6.3886 µg/mL Unstressed +/- 8.3187 µg/mL Stressed

Solvent: Acetone
CAS # 67-64-1
Purity 99%

P 10653
↓
P 10662
AR
05.26.2021

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

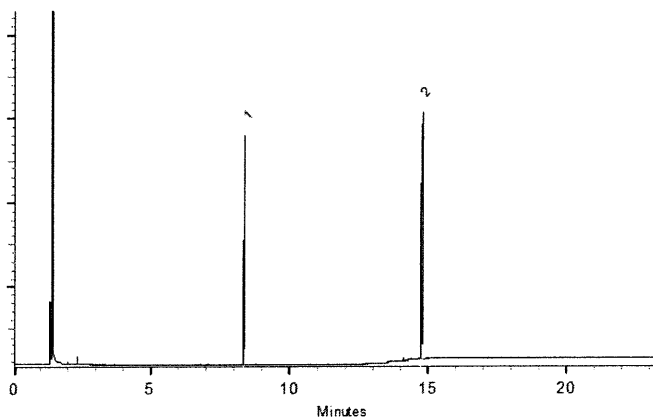
250°C

Det. Temp:

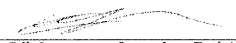
330°C

Det. Type:

FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Erik Strommer - Operations Tech I

Date Mixed: 18-Mar-2021

Balance: B251644995


Justine Albertson - Operations Tech-ARM QC

Date Passed: 22-Mar-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 Lot No.: A0175456
Description : Aroclor® 1221 Standard
Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : November 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516 µg/mL Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706 µg/mL Unstressed
	Purity ----%		+/- 41.4958 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578
↓
P 11582 / (S)

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

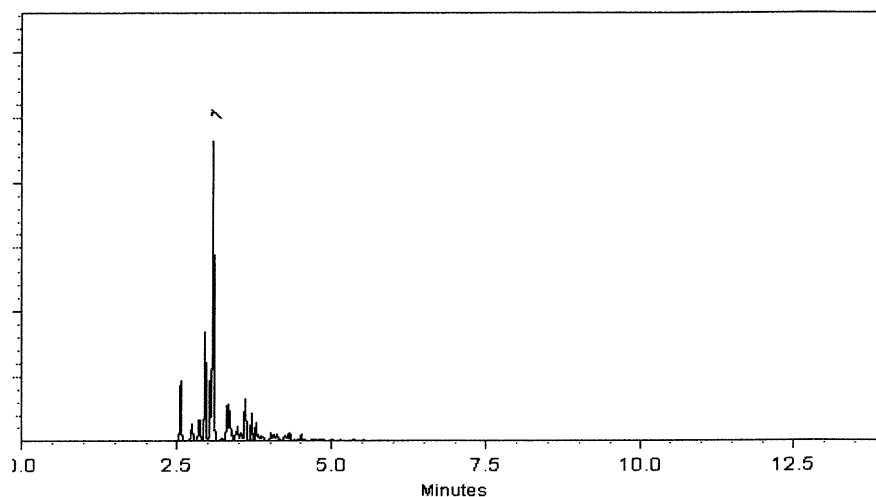
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 Balance: B442140311

Marlene Cowan
Marlene Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11578
↓
P11582 / (S)

AR
04/30/22



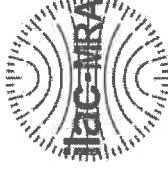
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32009 **Lot No.:** A0203672

Description: Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

p12928

→

p12932

AJ

12/27/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	—%	1,004.7 µg/mL	+/- 55.7515

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

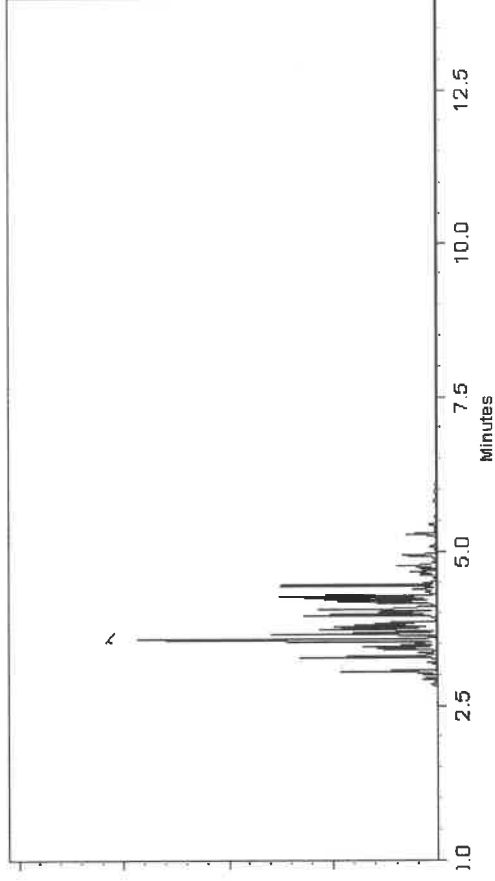
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Boothamer

Russ Boothamer - Operations Technician I

Date Mixed: 26-Oct-2023

Balance Serial #

B442140311

Jennifer Polino

Jennifer Polino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



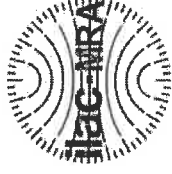
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32010 **Lot No.:** A0202803

Description: Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P1210967
P1210977
AF
1210967

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	---%	1,001.7 µg/mL	+/- 55.5850

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

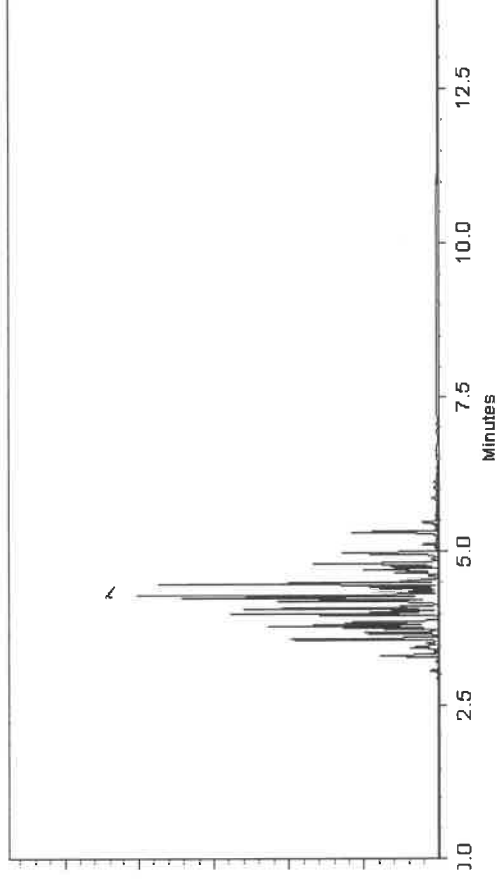
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

[Signature]
Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023

Balance Serial # 1128360905

[Signature]
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Solvent(s):
Hexane

Lot#
273615

Lot Number:
022023

CLP PCB'S - Aroclor Mix

Description:
Aroclors 1016 & 1260

022033

Expiration Date:
Ambient (20 °C)

5E-05 Balance Uncertainty

Recommended Storage:
1000

0.010 Flask Uncertainty

Nominal Concentration (µg/mL):
6UTB

200.0

NIST Test ID#:
20064

022023

Weight(s) shown below were combined and diluted to (mL):

200.0

Formulated By:
Benson Chan

022023

DATE

Reviewed By:
Pedro L. Rentas

022023

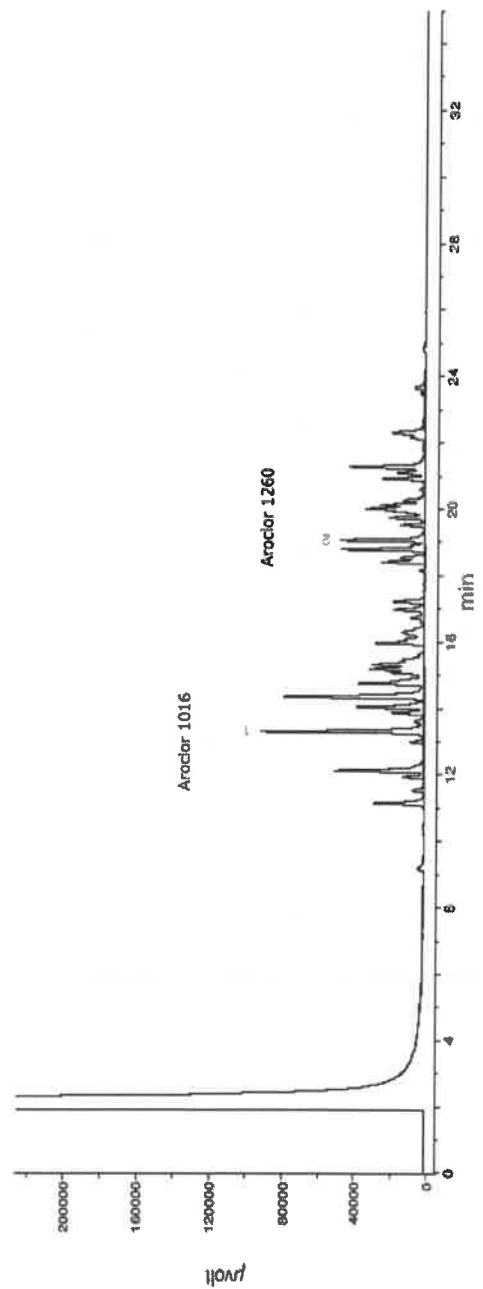
DATE

PR2946 7/18
↓
12/20/23
P12955

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information		
										(Solvent Safety Info. On Attached pg.)	CAS#	OSHA PEL (TWA) LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3	orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0203315
Description : Aroclor® 1016/1260 Mix
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : January 31, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	4	----%	1,009.5 µg/mL	+/- 56.0077
2	Aroclor 1260	11096-82-5	1396281	----%	1,009.0 µg/mL	+/- 55.9800

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13370
↓
P 13371 } ②

[Signature]
05/06/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

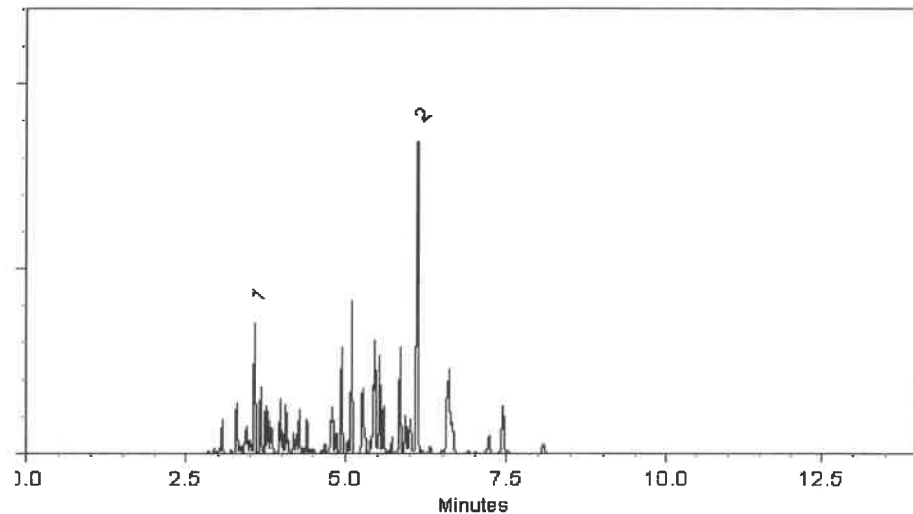
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Dakota Parson - Operations Technician I

Date Mixed: 18-Oct-2023

Balance Serial # B442140311


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13370 } ②
↓
P13371


05/06/2024



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0206618
Description : Aroclor® 1232 Standard
Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	---%	1,007.6 µg/mL	+/- 55.9143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13376
↓
P 13377

05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

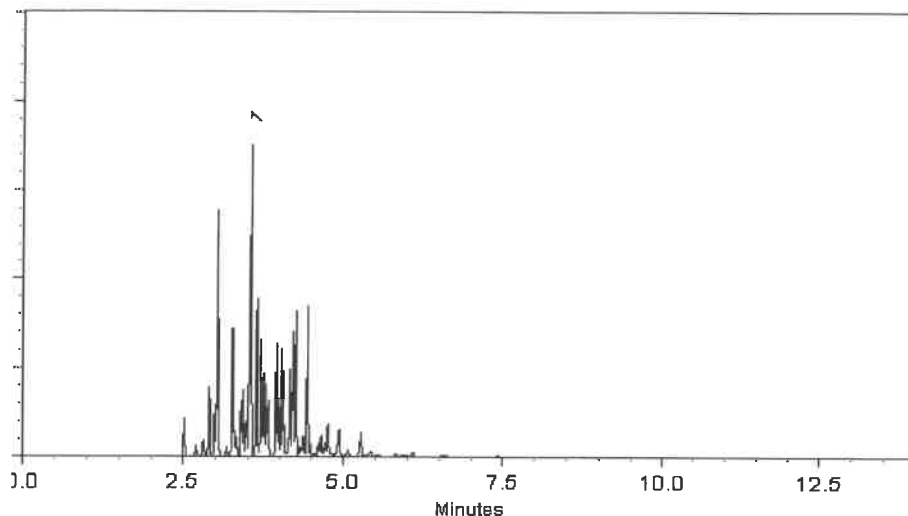
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 16-Jan-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13376
↓
P13377
②

Stacey
05/01/2024



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0206618
Description : Aroclor® 1232 Standard
Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	---%	1,007.6 µg/mL	+/- 55.9143

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13376
↓
P 13377

✓
05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

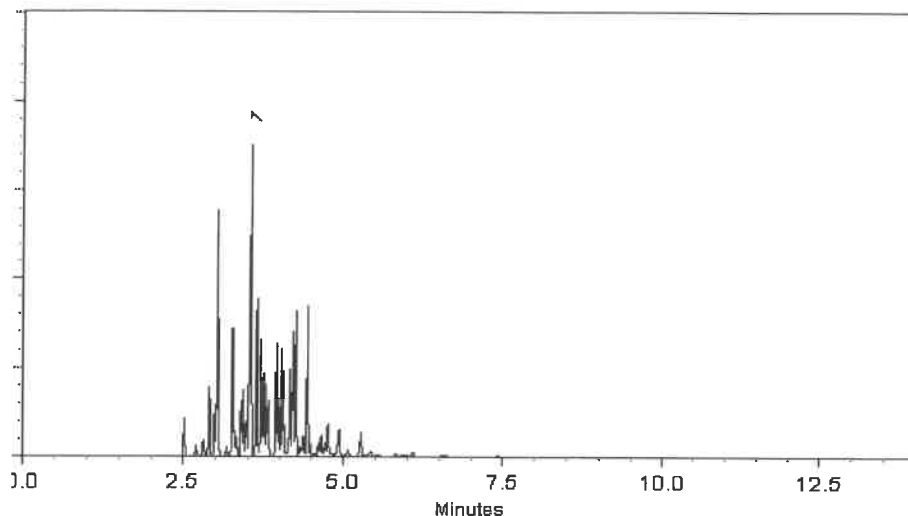
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl

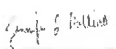


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Stacey Wanner - Operations Technician I

Date Mixed: 16-Jan-2024

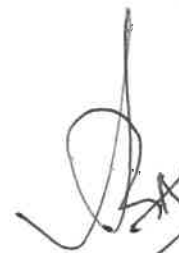
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13376
↓
P13377
②


Stacey
05/01/2024



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	10947000	---%	1,000.0 µg/mL	+/- 55.4925

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13380
↓
P 13381
↓
SAZU
05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

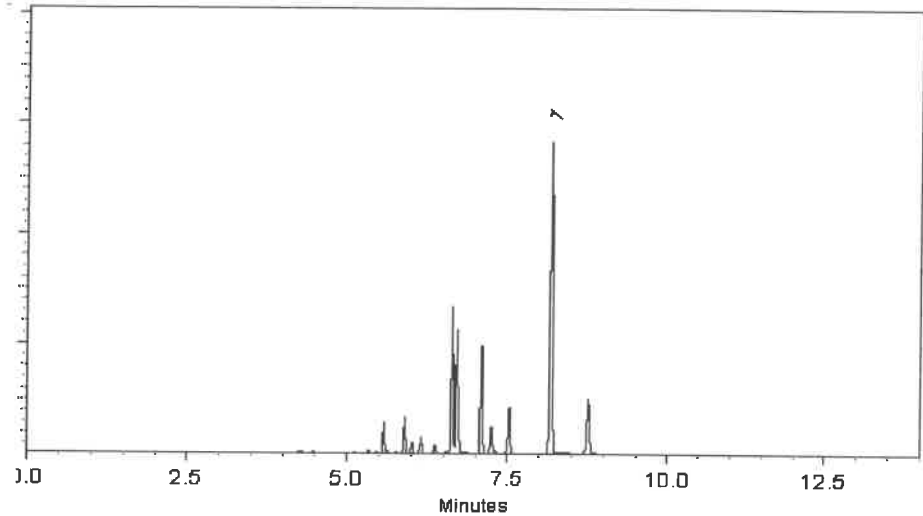
ECD

Split Vent:

Split ratio 500:1

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024

Balance Serial # B442140311

Dillon Murphy
Dillon Murphy - Operations Technician I

Date Passed: 09-Feb-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13380 } (2)
↓
P13381
1

[Signature]
05/6/2024



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0212239

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13704 } Y.P.
P13705 } 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,002.0 µg/mL	+/- 55.6035

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

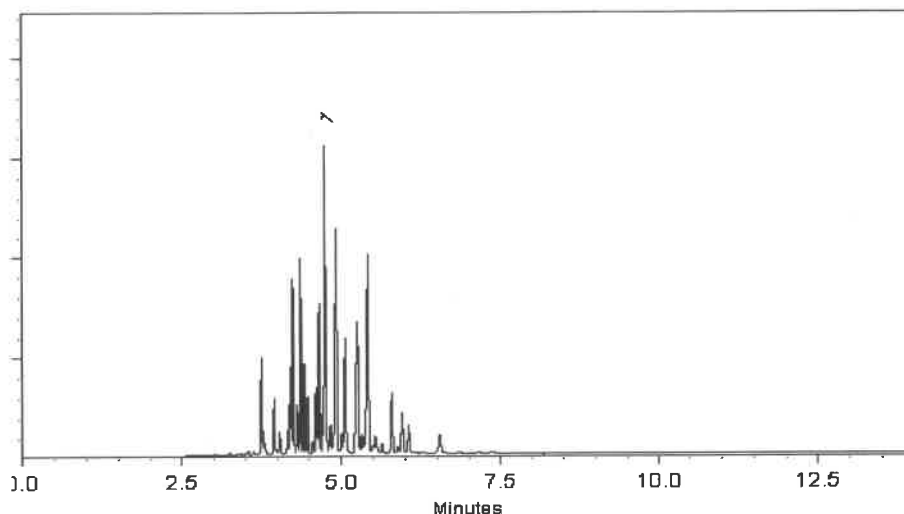
ECD

Split Vent:

300 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 30-May-2024

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 78-8922

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1837

COC Number:

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-788-9222

PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format _____

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A/E	1	2	3	4	5	6	7	8	9	<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME												
1.	Storage-Blank-SOIL-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			1		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: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____ Comments:	
1. JC	4/18/05	1.		
RELINQUISHED BY	DATE/TIME	RECEIVED BY		
2.		2.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY		
3.		3.	Page 1 of 2	Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 78-8922

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1837

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group

ADDRESS: 284 Sheffield Street

CITY Mountainside STATE: NJ ZIP: 07092

ATTENTION: QA Officer

PHONE: 908-789-8900

FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks

PROJECT #: LOCATION:

PROJECT MANAGER:

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO: Same

PO#

ADDRESS:

CITY:

STATE: ZIP:

ATTENTION:

PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format _____

ANALYSIS

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		A/E									
1.	PEST-GPC2-BLANK	SO		X			1				X						
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1				X						
3.	PCB-GPC2-BLANK	SO		X			1				X						
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1				X						
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid Comments:
1. <i>AK</i>	4/15/25	1.	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight	Shipment Complete ☐ YES ☐ NO
ALLIANCE: ☐ Picked Up ☐ Overnight	

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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