

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:	Q2123	OrderDate:	5/23/2025 11:43:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2123-11	PEST-GPC2-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	05/02/25	05/27/25	05/28/25	05/23/25
Q2123-12	PEST-GPC2-BLANK-SP IKE	SOIL	Pesticide-TCL	SFAM_PEST	05/02/25	05/27/25	05/28/25	05/23/25
Q2123-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	05/02/25	05/27/25	05/28/25	05/23/25
Q2123-14	PCB-GPC2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	05/02/25	05/27/25	05/28/25	05/23/25

Hit Summary Sheet
SW-846

SDG No.: Q2123

Order ID: Q2123

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB-GPC2-BLANK-SPIKE								
Q2123-14	PCB-GPC2-BLANK-§ SOIL		Aroclor-1016	330		4.50	100	ug/kg
Q2123-14	PCB-GPC2-BLANK-§ SOIL		Aroclor-1260	350		4.80	100	ug/kg
Total Concentration:				680.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q2123

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2123-13	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
Q2123-14	PCB-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: Q2123

SAS No.: Q2123 SDG NO.: Q2123

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:	05/02/25
Project:	Weekly Storage Blanks	Date Received:	05/23/25
Client Sample ID:	PCB-GPC2-BLANK	SDG No.:	Q2123
Lab Sample ID:	Q2123-13	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	2.0	PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070300.D	1	05/27/25 13:26	05/28/25 12:34	PB168170

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\PQ052825\
Data File : PQ070300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 12:34
Operator : YP\AJ
Sample : Q2123-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 11:59:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 12:07:14 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
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System Monitoring Compounds

Target Compounds

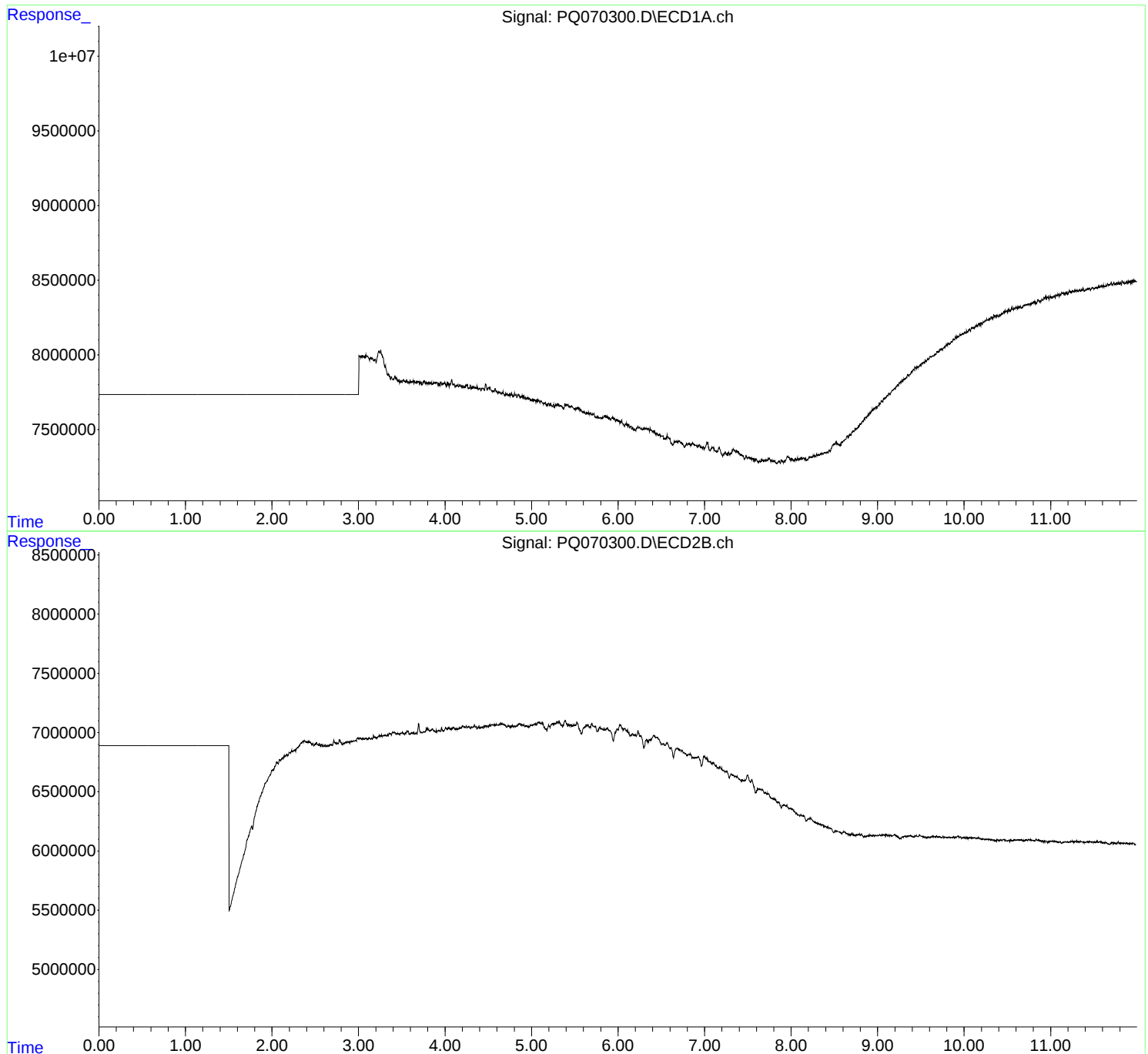
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

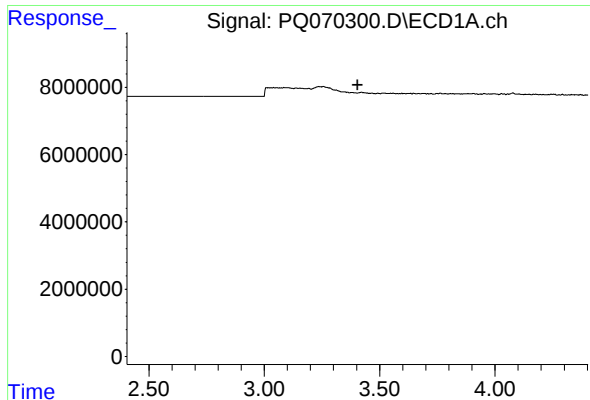
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052825\
Data File : PQ070300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 12:34
Operator : YP\AJ
Sample : Q2123-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

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

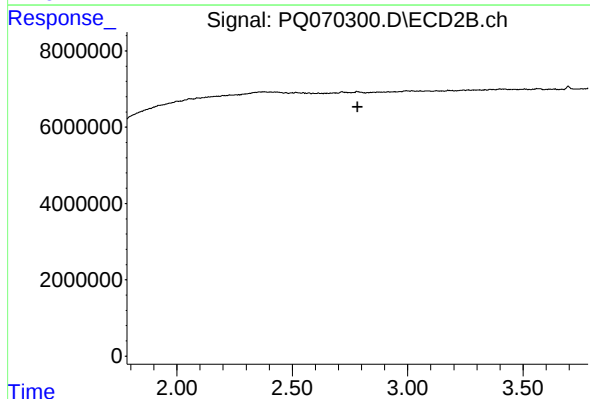




#1 Tetrachloro-m-xylene

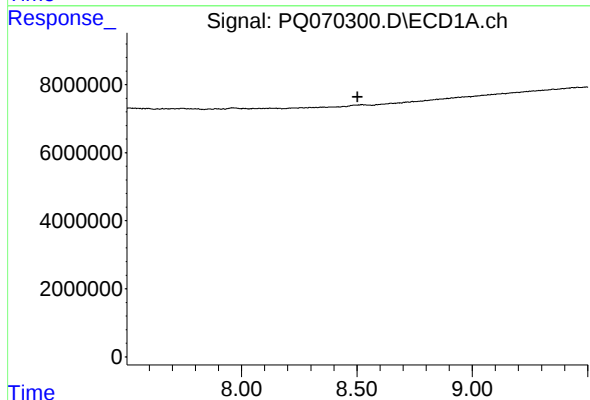
R.T.: 0.000 min
Exp R.T. : 3.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK



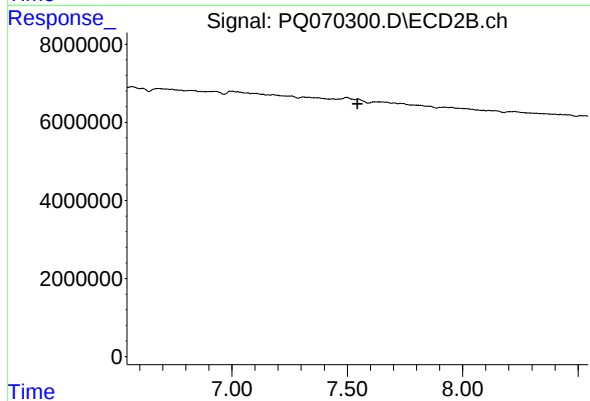
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.783 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.502 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 7.545 min
Response: 0
Conc: N.D.

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	05/02/25
Project:	Weekly Storage Blanks	Date Received:	05/23/25
Client Sample ID:	PCB-GPC2-BLANK-SPIKE	SDG No.:	Q2123
Lab Sample ID:	Q2123-14	Matrix:	SOIL
Analytical Method:	SFAM_PCB	% Solid:	100
Sample Wt/Vol:	10 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	2.0	PH :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ070301.D	1	05/27/25 13:26	05/28/25 12:48	PB168170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	330		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
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SURROGATES						
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Comments:

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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\PQ052825\
 Data File : PQ070301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 12:48
 Operator : YP\AJ
 Sample : Q2123-14
 Misc :
 ALS Vial : 5 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: May 29 11:59:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 12:07:14 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
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System Monitoring Compounds

Target Compounds

3)	L1	AR-1016-1	4.489	3.786	61603806	66449927	298.435	305.169
4)	L1	AR-1016-2	4.507	3.801	114.8E6	133.6E6	347.844	386.443
5)	L1	AR-1016-3	4.565	3.961	73646036	62563571	350.348	326.206
6)	L1	AR-1016-4	4.655	4.009	56844359	57813769	334.845	337.161
7)	L1	AR-1016-5	4.939	4.204	53744256	67516563	322.199	330.081
31)	L7	AR-1260-1	6.028	5.197	116.6E6	147.5E6	391.940	395.314
32)	L7	AR-1260-2	6.284	5.386	123.2E6	166.6E6	359.262	370.496
33)	L7	AR-1260-3	6.635	5.527	89568711	168.8E6	335.506	394.563
34)	L7	AR-1260-4	6.849	5.987	102.1E6	124.4E6	347.150	334.906
35)	L7	AR-1260-5	7.155	6.233	177.9E6	284.4E6	320.888	343.906

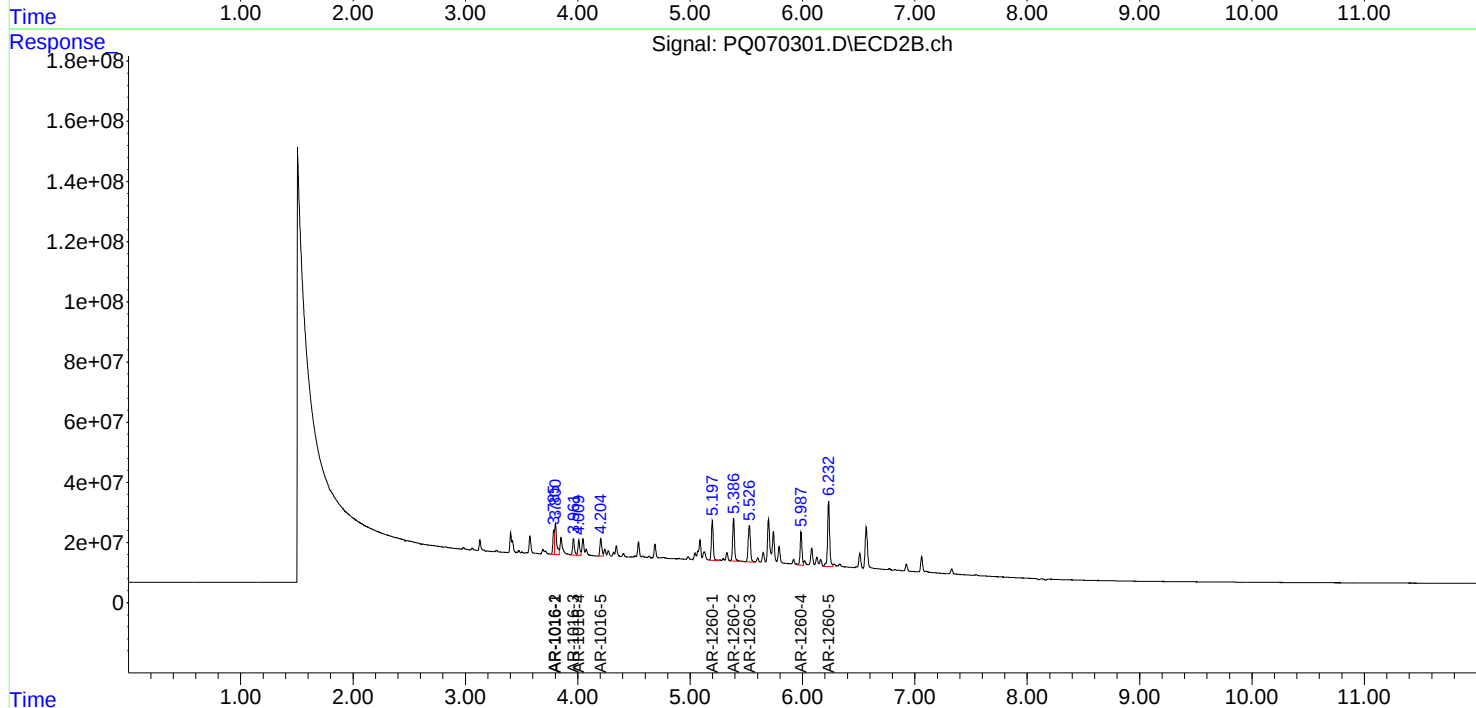
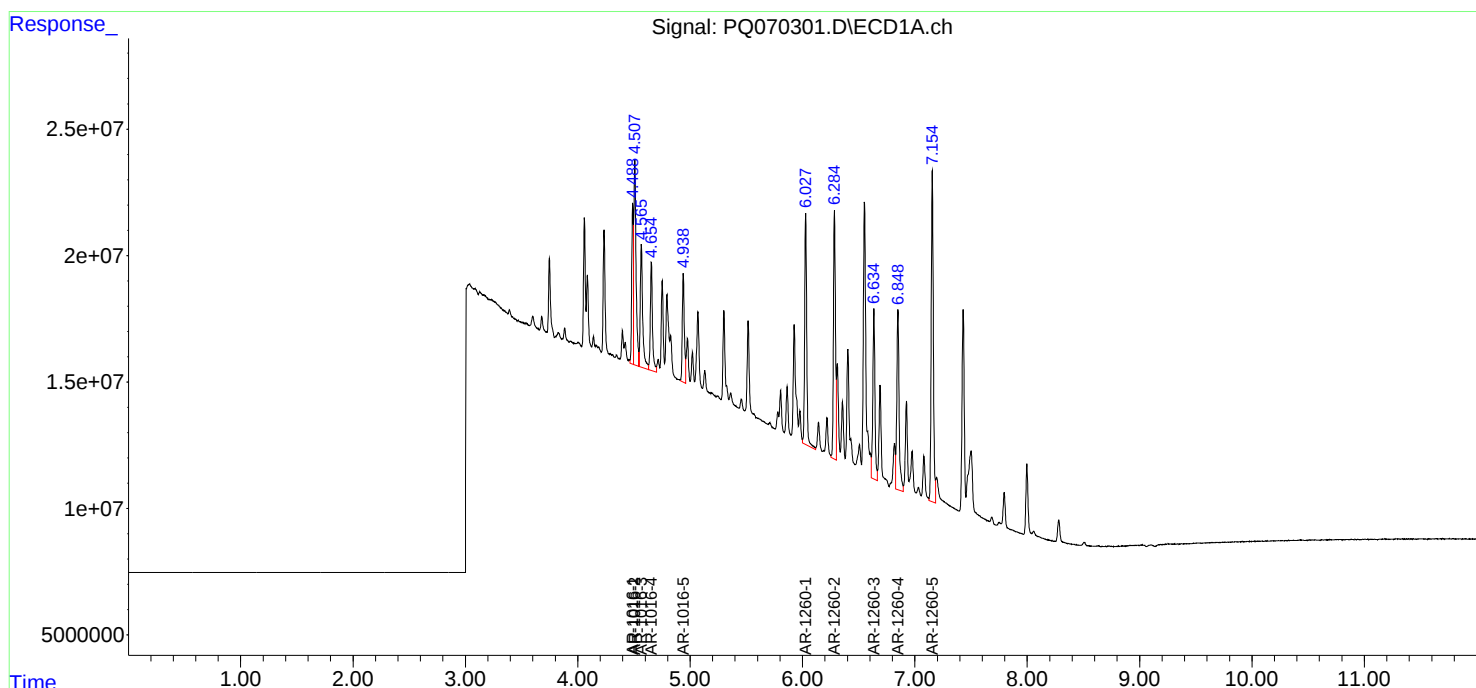
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

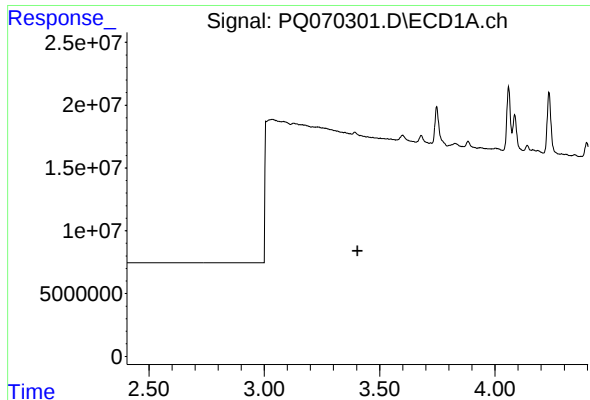
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052825\
Data File : PQ070301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 12:48
Operator : YP\AJ
Sample : Q2123-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 11:59:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 12:07:14 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

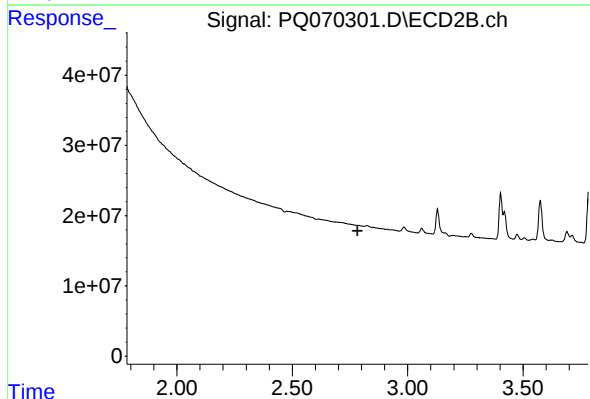




#1 Tetrachloro-m-xylene

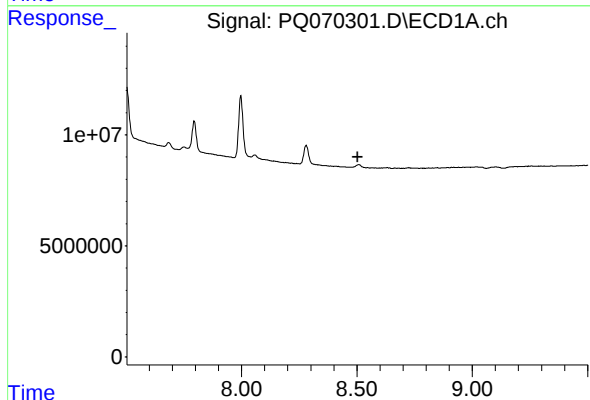
R.T.: 0.000 min
Exp R.T.: 3.404 min
Response: 0
Conc: N.D.

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



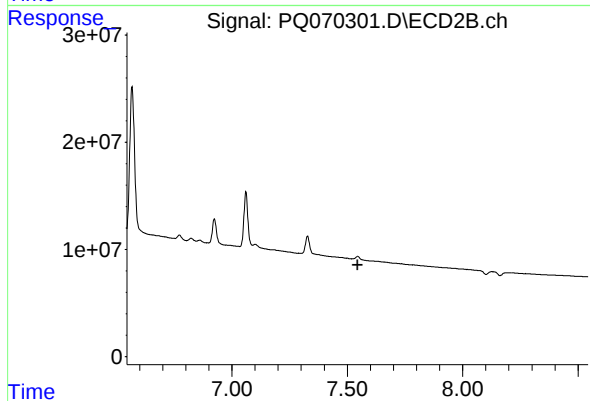
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.783 min
Response: 0
Conc: N.D.



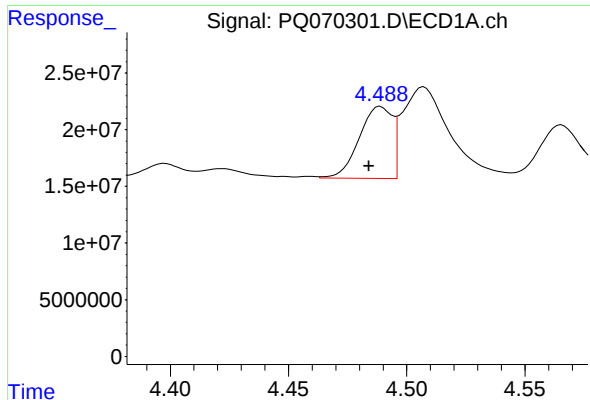
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 8.502 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

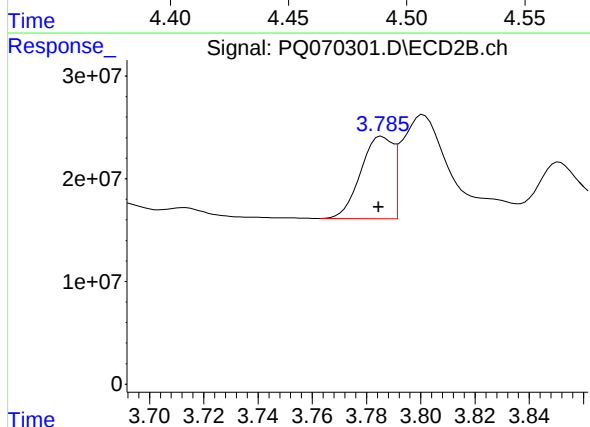
R.T.: 0.000 min
Exp R.T.: 7.545 min
Response: 0
Conc: N.D.



#3 AR-1016-1

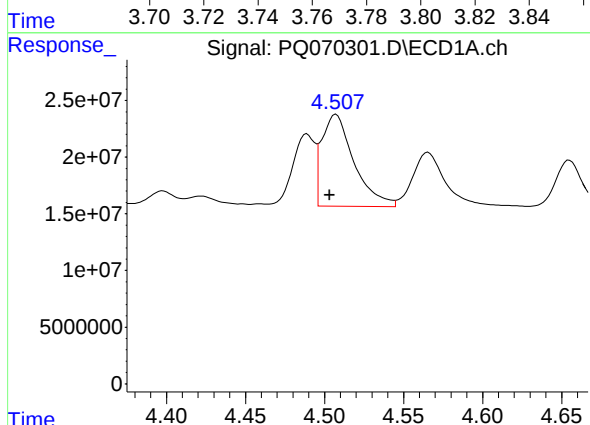
R.T.: 4.489 min
Delta R.T.: 0.005 min
Response: 61603806
Conc: 298.43 ng/ml

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



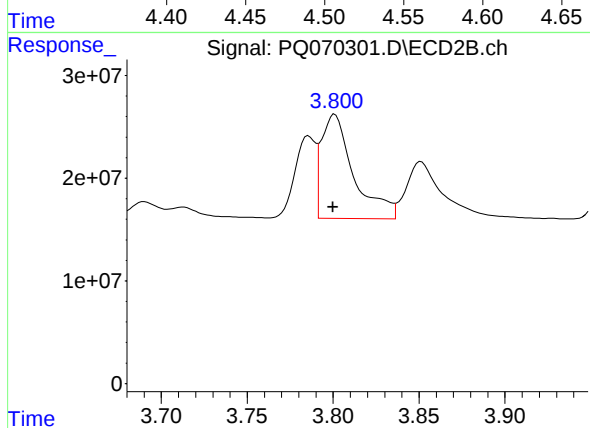
#3 AR-1016-1

R.T.: 3.786 min
Delta R.T.: 0.001 min
Response: 66449927
Conc: 305.17 ng/ml



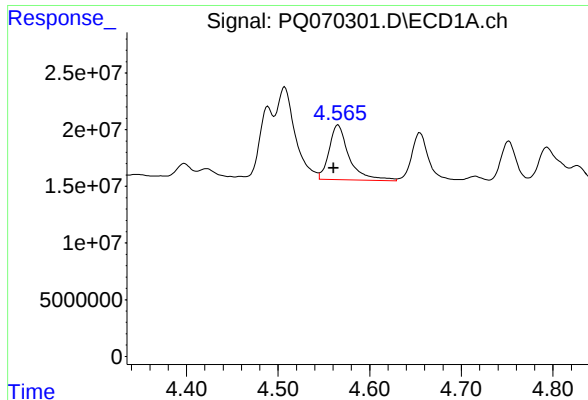
#4 AR-1016-2

R.T.: 4.507 min
Delta R.T.: 0.004 min
Response: 114834808
Conc: 347.84 ng/ml



#4 AR-1016-2

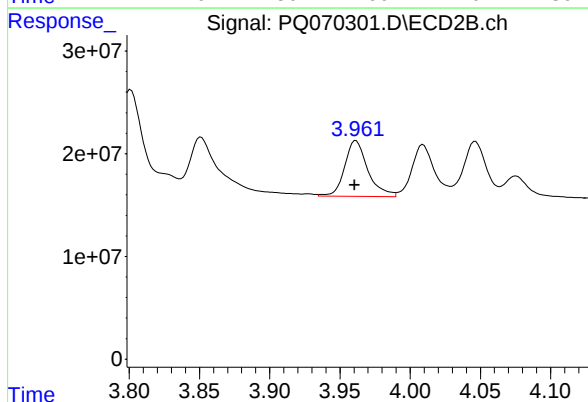
R.T.: 3.801 min
Delta R.T.: 0.001 min
Response: 133578859
Conc: 386.44 ng/ml



#5 AR-1016-3

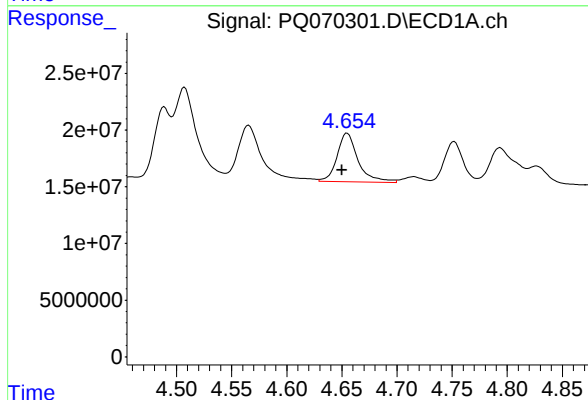
R.T.: 4.565 min
Delta R.T.: 0.004 min
Response: 73646036
Conc: 350.35 ng/ml

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



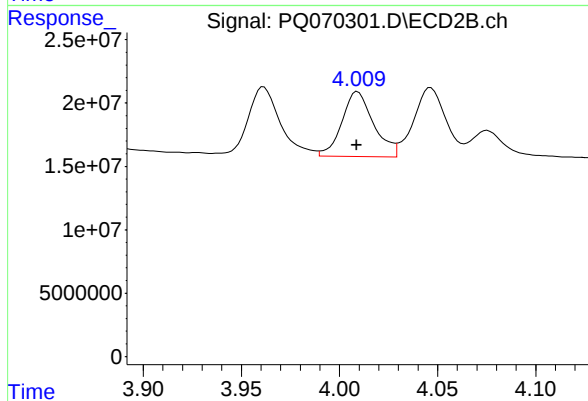
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 62563571
Conc: 326.21 ng/ml



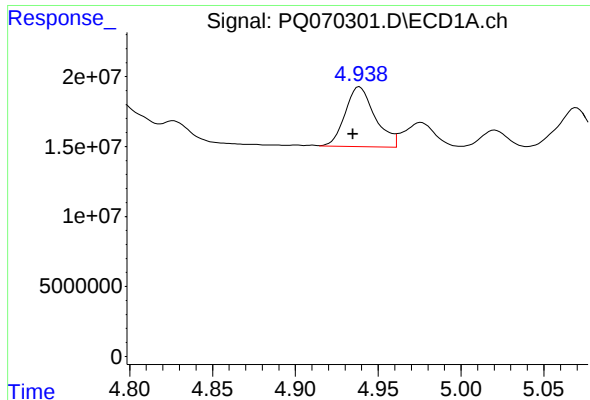
#6 AR-1016-4

R.T.: 4.655 min
Delta R.T.: 0.005 min
Response: 56844359
Conc: 334.84 ng/ml



#6 AR-1016-4

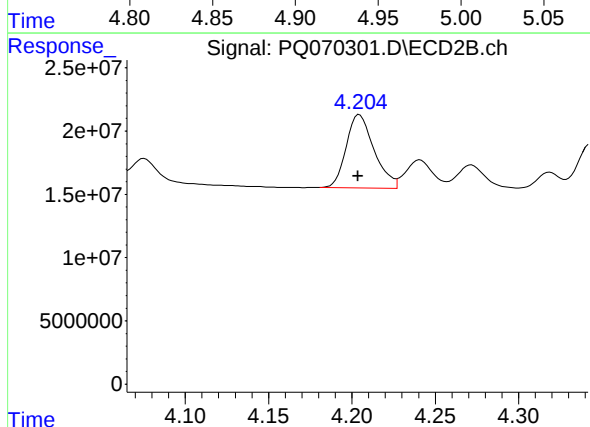
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 57813769
Conc: 337.16 ng/ml



#7 AR-1016-5

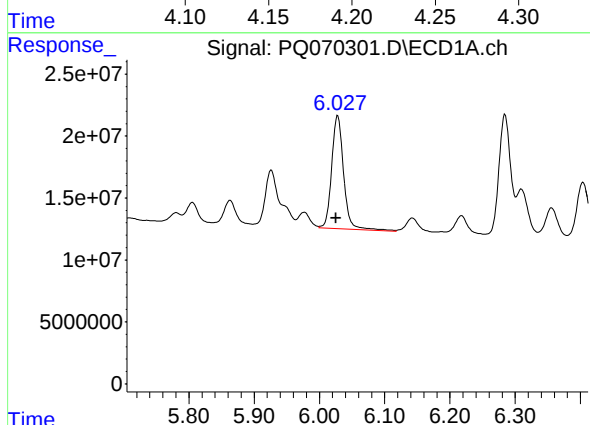
R.T.: 4.939 min
Delta R.T.: 0.004 min
Response: 53744256
Conc: 322.20 ng/ml

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



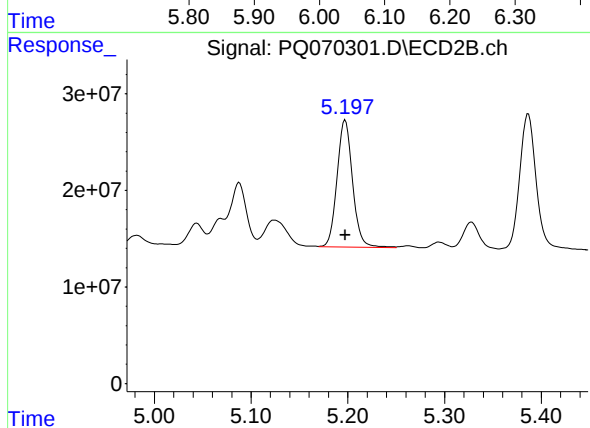
#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 67516563
Conc: 330.08 ng/ml



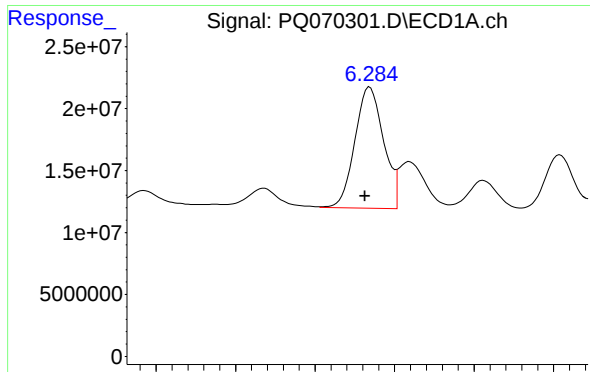
#31 AR-1260-1

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 116567094
Conc: 391.94 ng/ml



#31 AR-1260-1

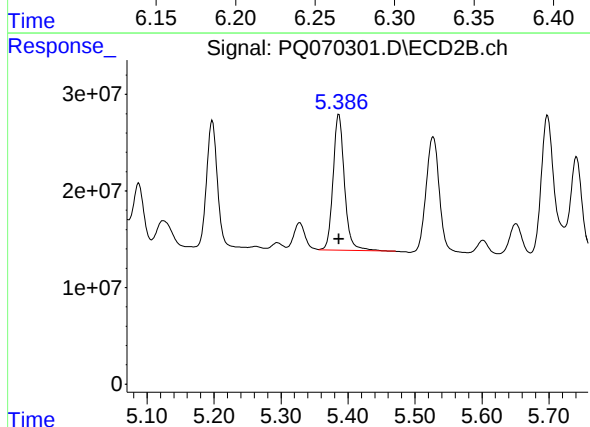
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 147546460
Conc: 395.31 ng/ml



#32 AR-1260-2

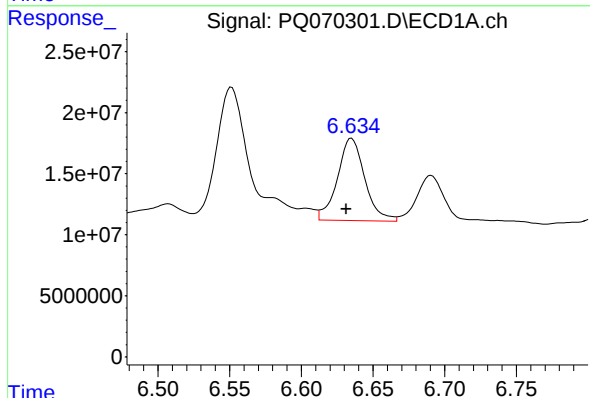
R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 123162449
Conc: 359.26 ng/ml

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



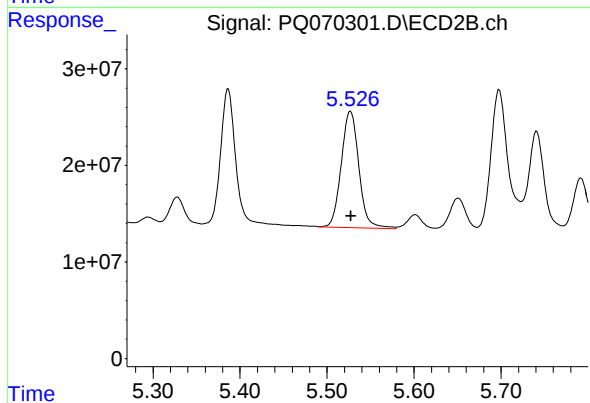
#32 AR-1260-2

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 166594080
Conc: 370.50 ng/ml



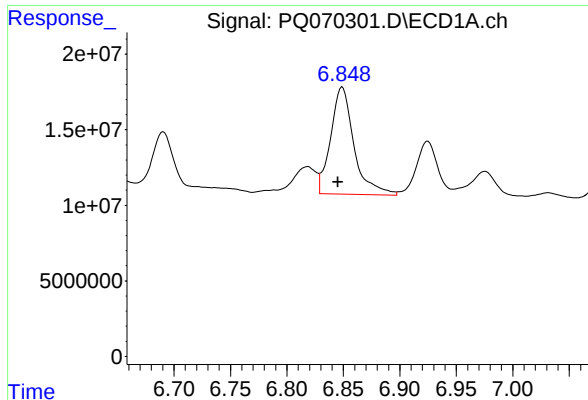
#33 AR-1260-3

R.T.: 6.635 min
Delta R.T.: 0.004 min
Response: 89568711
Conc: 335.51 ng/ml



#33 AR-1260-3

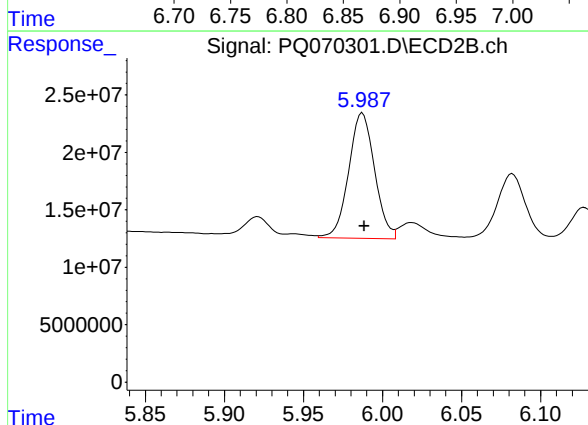
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 168827269
Conc: 394.56 ng/ml



#34 AR-1260-4

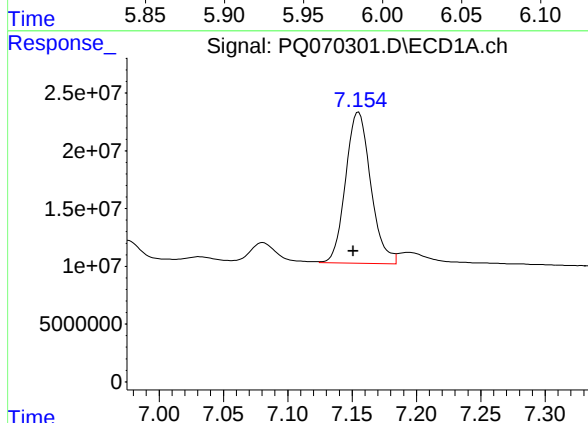
R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 102059579
Conc: 347.15 ng/ml

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



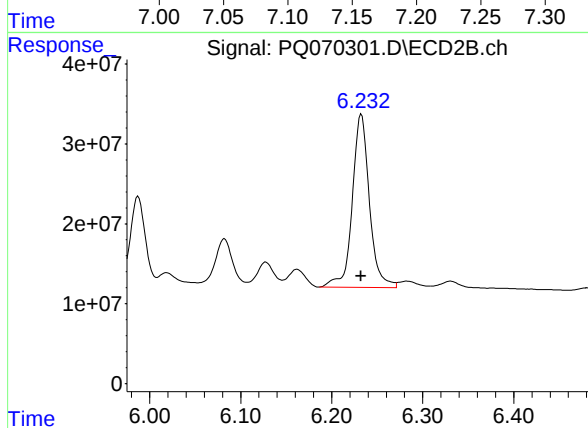
#34 AR-1260-4

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 124382875
Conc: 334.91 ng/ml



#35 AR-1260-5

R.T.: 7.155 min
Delta R.T.: 0.004 min
Response: 177930693
Conc: 320.89 ng/ml



#35 AR-1260-5

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 284402028
Conc: 343.91 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM Case No.: Q2123 SAS No.: Q2123 SDG NO.: Q2123

Instrument ID: ECD_Q Calibration Date(s): 05/07/2025 05/07/2025

Calibration Times: 09:43 19:11

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

LAB FILE ID:	RT 100 = <u>PQ070242.D</u>	RT 200 = <u>PQ070243.D</u>
RT 400 = <u>PQ070244.D</u>	RT 800 = <u>PQ070245.D</u>	RT 1600 = <u>PQ070246.D</u>

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.49	4.49	4.48	4.49	4.48	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	4.93	4.93	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	3.40	3.40	3.40	3.40	3.40	3.35	3.45
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		3.40	3.40	3.40	3.40	3.40	3.40	3.35	3.45
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	3.40	3.40	3.40	3.35	3.45
Aroclor-1242-1	(1)	4.48	4.49	4.48	4.48	4.48	4.48	4.41	4.55
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	3.40	3.40	3.40	3.40	3.40	3.35	3.45
Aroclor-1248-1	(1)	4.48	4.48	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)	4.93	4.93	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	3.40	3.40	3.35	3.45

RETENTION TIMES OF INITIAL CALIBRATION

[illegible]

Contract:	<u>CHEM02</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2123</u>	SAS No.:	<u>Q2123</u>	SDG NO.:	<u>Q2123</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):		<u>05/07/2025</u>	<u>05/07/2025</u>		
		Calibration Times:		<u>09:43</u>	<u>19:11</u>		

LAB FILE ID:	RT 100 =	<u>PQ070242.D</u>	RT 200 =	<u>PQ070243.D</u>	
RT 400 =	PO070244.D	RT 800 =	PO070245.D	RT 1600 =	PO070246.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q2123 **SAS No.:** Q2123 **SDG NO.:** Q2123

Instrument ID: ECD_Q **Calibration Date(s):** 05/07/2025 05/07/2025
Calibration Times: 09:43 19:11

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

LAB FILE ID:		CF 100 =	PQ070242.D	CF 200 =	PQ070243.D			
CF 400 =		PQ070244.D	CF 800 =	PQ070245.D	CF 1600 =	PQ070246.D		
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	233015370	220397795	214180038	189088208	175433111	206422904	11
Aroclor-1016-2	(2)	364540520	362666360	336149488	305173454	282137756	330133515	11
Aroclor-1016-3	(3)	233018220	225553025	218923910	195214869	178330416	210208088	11
Aroclor-1016-4	(4)	186656270	182090545	176142055	158227779	145700131	169763356	10
Aroclor-1016-5	(5)	186760080	182052060	171005195	154148766	140055445	166804309	12
Aroclor-1260-1	(1)	332063440	325012145	301237673	274078584	254660699	297410508	11
Aroclor-1260-2	(2)	384973090	366230840	348580003	318441988	295876732	342820530	10
Aroclor-1260-3	(3)	294010690	284701450	271336648	251289038	233491319	266965829	9
Aroclor-1260-4	(4)	320512260	312668635	300384018	276379666	260020803	293993076	9
Aroclor-1260-5	(5)	595911100	587299955	563368948	525160190	500731419	554494322	7
DCB		3772528500	3751568650	3570012725	3290283775	3094246475	3495728025	8
TCX		8176820000	7965417300	7473641700	6901804100	6499644513	7403465523	10
Aroclor-1221-1	(1)	89855690	92769615	84977398	78766251	70822261	83438243	11
Aroclor-1221-2	(2)	64650690	64087775	59280100	55425569	49159506	58520728	11
Aroclor-1221-3	(3)	216299970	206807215	190754223	173299245	154046508	188241432	13
DCB		3933101300	3730416400	3456729675	3249883513	3054709838	3484968145	10
TCX		8645414400	8063976900	7626742100	7137698525	6644824325	7623731250	10
Aroclor-1232-1	(1)	180224830	162069915	137813698	131592378	122639355	146868035	16
Aroclor-1232-2	(2)	96291690	86812065	75705598	71484511	67472875	79553348	15
Aroclor-1232-3	(3)	176946150	161195645	138197718	135093133	127672546	147821038	14
Aroclor-1232-4	(4)	90652350	81388300	69058558	67208328	65282495	74718006	15
Aroclor-1232-5	(5)	59260570	55517505	48469340	45516555	43592754	50471345	13
DCB		3940096100	3787969100	3535716350	3261076188	3096142244	3524199996	10
TCX		8519763000	8079435800	7321315750	6817487525	6571273238	7461855063	11
Aroclor-1242-1	(1)	186086370	183803620	168192340	156611105	145427576	168024202	10
Aroclor-1242-2	(2)	287833690	278583760	261297728	252168595	233363512	262649457	8
Aroclor-1242-3	(3)	184030450	176951990	166518908	157703263	145725021	166185926	9
Aroclor-1242-4	(4)	147263570	142453410	134633590	129416488	119588530	134671118	8
Aroclor-1242-5	(5)	146781510	145152165	138490633	131089743	124922763	137287363	7
DCB		3950442200	3673962050	3464147900	3316656163	3127636725	3506569008	9
TCX		8012833000	7488391900	7089643750	6853579525	6453871975	7179664030	8
Aroclor-1248-1	(1)	153636940	141763335	131485825	121528911	110887386	131860480	13
Aroclor-1248-2	(2)	212737610	199931955	185177925	167636974	154981480	184093189	13
Aroclor-1248-3	(3)	248805510	238795355	222441913	201628701	187634531	219861202	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	264356290	253142635	237532758	218600519	206940831	236114607	10
Aroclor-1248-5	(5)	262606850	242238265	239704685	220321630	209463004	234866887	9
DCB		4025551800	3781244200	3576742050	3307794988	3131964113	3564659430	10
TCX		8329657000	7684292800	7154069350	6689223500	6403795163	7252207563	11
Aroclor-1254-1	(1)	292516920	265456250	245938160	228745409	210153311	248562010	13
Aroclor-1254-2	(2)	440218970	401501310	374966743	348346356	322479626	377502601	12
Aroclor-1254-3	(3)	452376390	426247090	397236418	374641385	350125748	400125406	10
Aroclor-1254-4	(4)	308433530	291584415	272441900	259280003	243084658	274964901	9
Aroclor-1254-5	(5)	351019830	335966760	314672148	298632759	278853335	315828966	9
DCB		3945698900	3775353650	3527268475	3301762613	3092440000	3528504728	10
TCX		8006748000	7723719400	7084852850	6704792325	6301089163	7164240348	10
Aroclor-1262-1	(1)	412282260	386526370	362284623	344040473	319451668	364917079	10
Aroclor-1262-2	(2)	709463340	663223295	630692825	607498606	573252794	636826172	8
Aroclor-1262-3	(3)	476100440	444579075	421737120	402735070	375727706	424175882	9
Aroclor-1262-4	(4)	380930790	357365130	346033153	332240881	302583811	343830753	8
Aroclor-1262-5	(5)	228304420	217645765	208145633	200489791	186646381	208246398	8
DCB		4011416800	3797835100	3563759250	3393902788	3166970513	3586776890	9
TCX		7935358800	7581879400	7077485050	6815126900	6361246738	7154219378	9
Aroclor-1268-1	(1)	802938310	766957745	724757960	690265260	649313294	726846514	8
Aroclor-1268-2	(2)	732604550	705882610	671139878	640931130	603510947	670813823	8
Aroclor-1268-3	(3)	607278640	585645085	552312298	527174019	496167588	553715526	8
Aroclor-1268-4	(4)	244031870	241469710	230392970	218254270	205912012	228012166	7
Aroclor-1268-5	(5)	1712184830	1654777040	1589275355	1530770696	1467178094	1590837203	6
DCB		7203746400	6950793300	6545946325	6201676163	5851348025	6550702043	8
TCX		7784369400	7570331700	7074975650	6731470775	6250049513	7082239408	9

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q2123 **SAS No.:** Q2123 **SDG NO.:** Q2123

Instrument ID: ECD_Q **Calibration Date(s):** 05/07/2025 05/07/2025
Calibration Times: 09:43 19:11

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

LAB FILE ID:		CF 100 =	PQ070242.D	CF 200 =	PQ070243.D			
CF 400 =		PQ070244.D	CF 800 =	PQ070245.D	CF 1600 =	PQ070246.D		
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	244831050	234104725	221806225	201525766	186473343	217748222	11
Aroclor-1016-2	(2)	384806330	373007160	353970650	322353258	294173649	345662209	11
Aroclor-1016-3	(3)	213762540	201684045	199426353	180905108	163179393	191791488	10
Aroclor-1016-4	(4)	197651100	183015770	176888215	159374183	140431952	171472244	13
Aroclor-1016-5	(5)	233881080	217771180	211226138	190163194	169684682	204545255	12
Aroclor-1260-1	(1)	416100470	401458190	382677705	349124549	316829931	373238169	11
Aroclor-1260-2	(2)	504714760	479257855	459186653	421537088	383561715	449651614	11
Aroclor-1260-3	(3)	470582730	458779125	438884815	401405923	369767155	427883950	10
Aroclor-1260-4	(4)	408229490	398701600	379474313	350133285	320441559	371396049	10
Aroclor-1260-5	(5)	886545210	869161550	847958600	789534651	741677933	826975589	7
DCB		6392460500	6188295050	5871706100	5416604675	4982276188	5770268503	10
TCX		7986808200	7971217900	7527001900	7025054750	6527060300	7407428610	9
Aroclor-1221-1	(1)	104306950	102934105	93856088	86305436	75219682	92524452	13
Aroclor-1221-2	(2)	71933420	71409550	67019775	61385535	53329533	65015563	12
Aroclor-1221-3	(3)	237351830	222557425	209056263	189735430	164016921	204543574	14
DCB		6745237500	6355791000	5757295700	5309739600	4965711638	5826755088	13
TCX		8273975400	7936644200	7373328200	6993119450	6393030113	7394019473	10
Aroclor-1232-1	(1)	198960520	174119395	147551078	143255313	132320547	159241370	17
Aroclor-1232-2	(2)	203326740	176352880	151861970	145856739	136613859	162802438	17
Aroclor-1232-3	(3)	96964380	93063710	91924103	78827216	73880153	86931912	11
Aroclor-1232-4	(4)	86826220	78310765	70860250	66491663	62148966	72927573	13
Aroclor-1232-5	(5)	101537520	88853940	79857235	75328051	69898055	83094960	15
DCB		6835642400	6592948950	5890662625	5348386463	5037372556	5941002599	13
TCX		8469525200	7869216000	6777209400	6723430825	6438778925	7255632070	12
Aroclor-1242-1	(1)	212847510	196622210	181640703	171401668	156513125	183805043	12
Aroclor-1242-2	(2)	321347660	302038515	277924480	264828704	244876711	282203214	11
Aroclor-1242-3	(3)	185183100	166387405	153857920	148442520	134148133	157603816	12
Aroclor-1242-4	(4)	168119800	158687250	145265763	138633109	123240126	146789210	12
Aroclor-1242-5	(5)	222396670	200616320	184691618	174734018	159131163	188313958	13
DCB		6519454800	6191911000	5739726450	5512158288	5117810631	5816212234	10
TCX		8048901400	7689636200	7171798650	6956752425	6531431300	7279703995	8
Aroclor-1248-1	(1)	166844690	159041945	145704780	129630974	121295760	144503630	13
Aroclor-1248-2	(2)	267393450	247084060	226828163	203215901	185548619	226014039	15
Aroclor-1248-3	(3)	257733200	238044705	218939325	196750273	181385343	218570569	14

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	307974170	288514985	267496275	240634189	223992312	265722386	13
Aroclor-1248-5	(5)	298204660	280677055	258029373	234442030	220153016	258301227	12
DCB		6943337400	6385534750	5964283400	5551941213	5154511050	5999921563	12
TCX		8259701000	8094521400	7654981150	7100541375	6755753013	7573099588	8
Aroclor-1254-1	(1)	465264210	421218240	388268035	359026883	325970572	391949588	14
Aroclor-1254-2	(2)	417404210	378775020	343431555	316880908	285273006	348352940	15
Aroclor-1254-3	(3)	645565340	589768205	550577833	512880479	471434171	554045206	12
Aroclor-1254-4	(4)	377210720	345280115	324693155	303784616	278709103	325935542	12
Aroclor-1254-5	(5)	581567590	545581815	508240360	475565996	436691183	509529389	11
DCB		6833018300	6311623250	5866980700	5489896025	5064435513	5913190758	12
TCX		8609574400	7868968400	7480709150	7035496525	6565745313	7512098758	10
Aroclor-1262-1	(1)	592995570	562034660	523964848	495059705	450827693	524976495	11
Aroclor-1262-2	(2)	558506080	521267365	483372328	457721743	417074146	487588332	11
Aroclor-1262-3	(3)	430711640	397227585	376488940	357540324	328820505	378157799	10
Aroclor-1262-4	(4)	767610910	715051680	682867328	657943129	612298943	687154398	9
Aroclor-1262-5	(5)	360106280	334047740	319925215	307129353	286487114	321539140	9
DCB		6798950800	6269054400	5866675850	5581295963	5118407738	5926876950	11
TCX		8331715600	7910940200	7445930900	7110130000	6582285563	7476200453	9
Aroclor-1268-1	(1)	1184896350	1115094800	1063234353	1013742048	942689129	1063931336	9
Aroclor-1268-2	(2)	1067114190	1012074810	970587750	930274188	872169898	970444167	8
Aroclor-1268-3	(3)	943388110	896693955	857229035	816027119	765155036	855698651	8
Aroclor-1268-4	(4)	400862850	388656700	371001580	349331653	327049611	367380479	8
Aroclor-1268-5	(5)	2764041860	2635399760	2544343785	2435323298	2363506414	2548523023	6
DCB		12062320600	11379765650	10754495500	10207541963	9632865256	10807397794	9
TCX		8273810400	7975872500	7446793800	7084944200	6482480025	7452780185	10



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.: Q2123 SAS No.: Q2123 SDG NO.: Q2123

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\PQ050725\
 Data File : PQ070242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 09:43
 Operator : YP\AJ
 Sample : AR1660ICC100
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16601027

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:27:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:15:23 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	40884100	39934041	5.522	5.391
2) SA Decachlor...	8.503	7.545	37725285	63924605	10.792	11.078
Target Compounds						
3) L1 AR-1016-1	4.485	3.784	23301537	24483105	112.883	112.438
4) L1 AR-1016-2	4.503	3.800	36454052	38480633	110.422	111.324
5) L1 AR-1016-3	4.561	3.960	23301822	21376254	110.851	111.456
6) L1 AR-1016-4	4.651	4.009	18665627	19765110	109.951	115.267
7) L1 AR-1016-5	4.935	4.204	18676008	23388108	111.964	114.342
31) L7 AR-1260-1	6.026	5.197	33206344	41610047	111.652	111.484
32) L7 AR-1260-2	6.282	5.386	38497309	50471476	112.296	112.246
33) L7 AR-1260-3	6.633	5.528	29401069	47058273	110.130	109.979
34) L7 AR-1260-4	6.846	5.989	32051226	40822949	109.020	109.918
35) L7 AR-1260-5	7.151	6.233	59591110	88654521	107.469	107.203

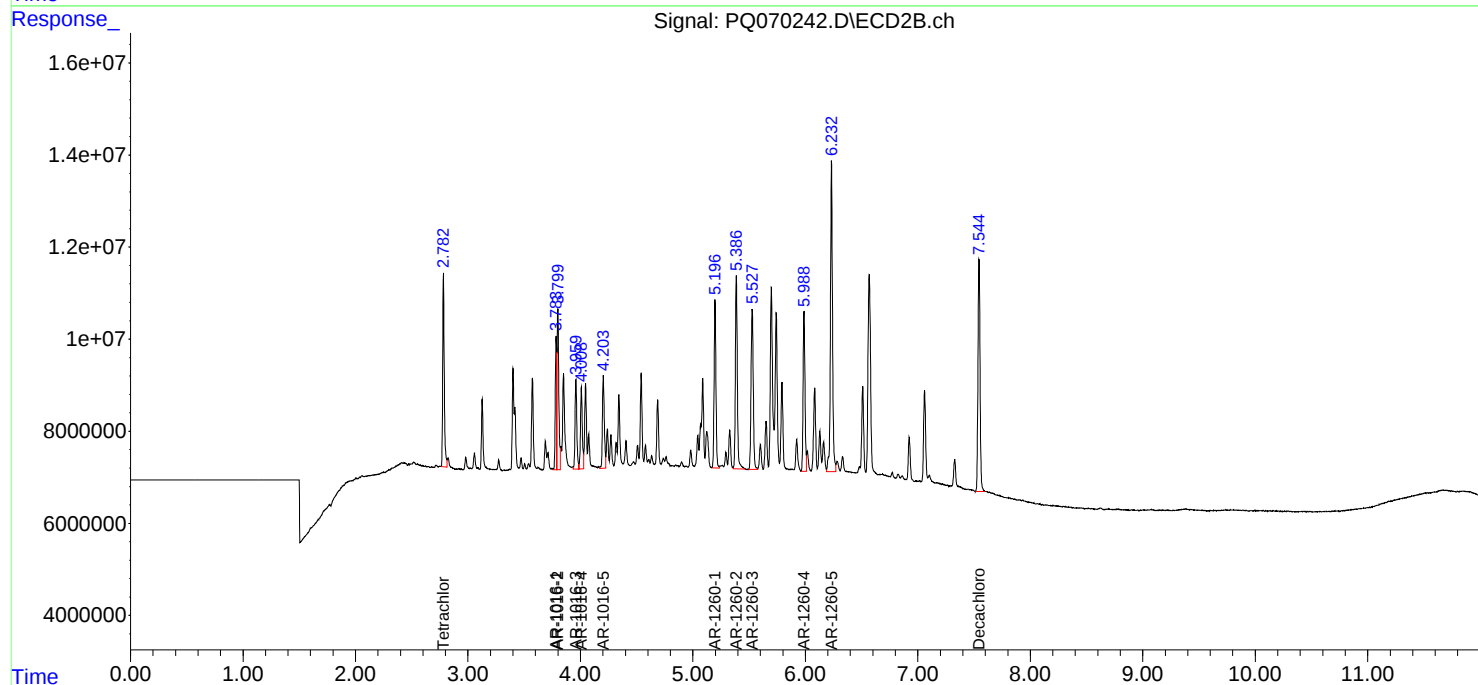
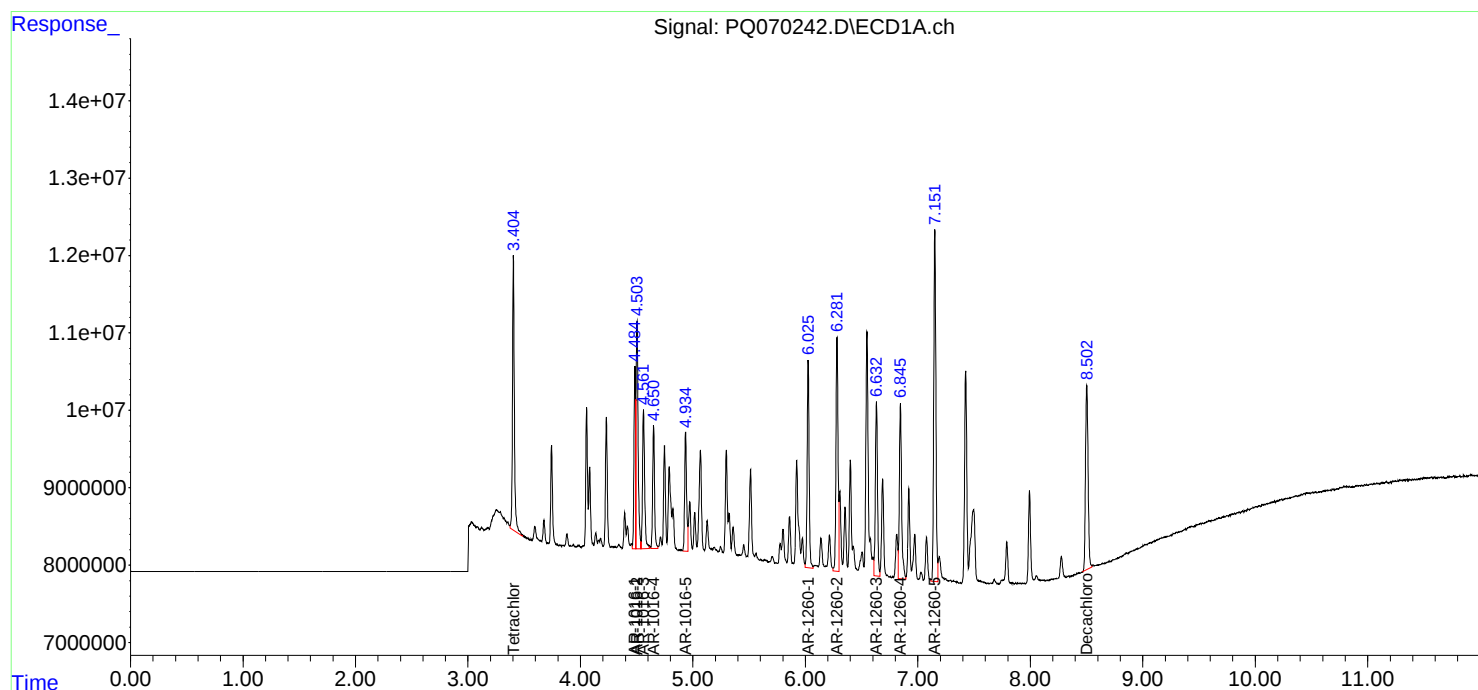
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 09:43
Operator : YP\AJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16601027

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:27:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:15:23 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\PQ050725\
 Data File : PQ070243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 09:57
 Operator : YP\AJ
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16602028

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:25:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:15:23 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	79654173	79712179	11.048	10.976
2) SA Decachlor...	8.503	7.545	75031373	123.8E6	21.897	22.043
Target Compounds						
3) L1 AR-1016-1	4.485	3.784	44079559	46820945	220.646	221.924
4) L1 AR-1016-2	4.503	3.800	72533272	74601432	225.587	222.110
5) L1 AR-1016-3	4.561	3.960	45110605	40336809	220.584	216.517
6) L1 AR-1016-4	4.651	4.009	36418109	36603154	219.996	221.935
7) L1 AR-1016-5	4.935	4.204	36410412	43554236	225.012	220.851
31) L7 AR-1260-1	6.025	5.197	65002429	80291638	225.119	221.480
32) L7 AR-1260-2	6.281	5.386	73246168	95851571	220.433	219.901
33) L7 AR-1260-3	6.631	5.528	56940290	91755825	218.829	219.928
34) L7 AR-1260-4	6.846	5.988	62533727	79740320	217.612	220.163
35) L7 AR-1260-5	7.151	6.233	117.5E6	173.8E6	215.863	214.057

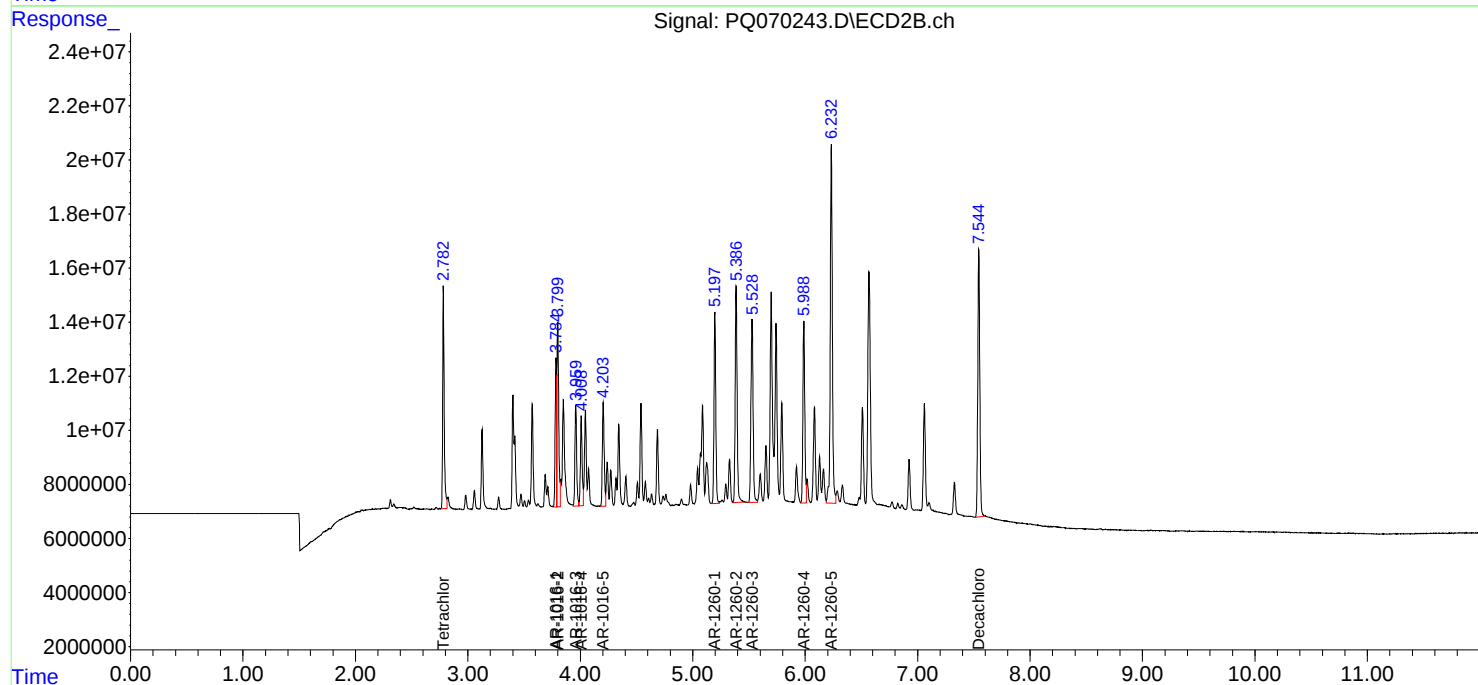
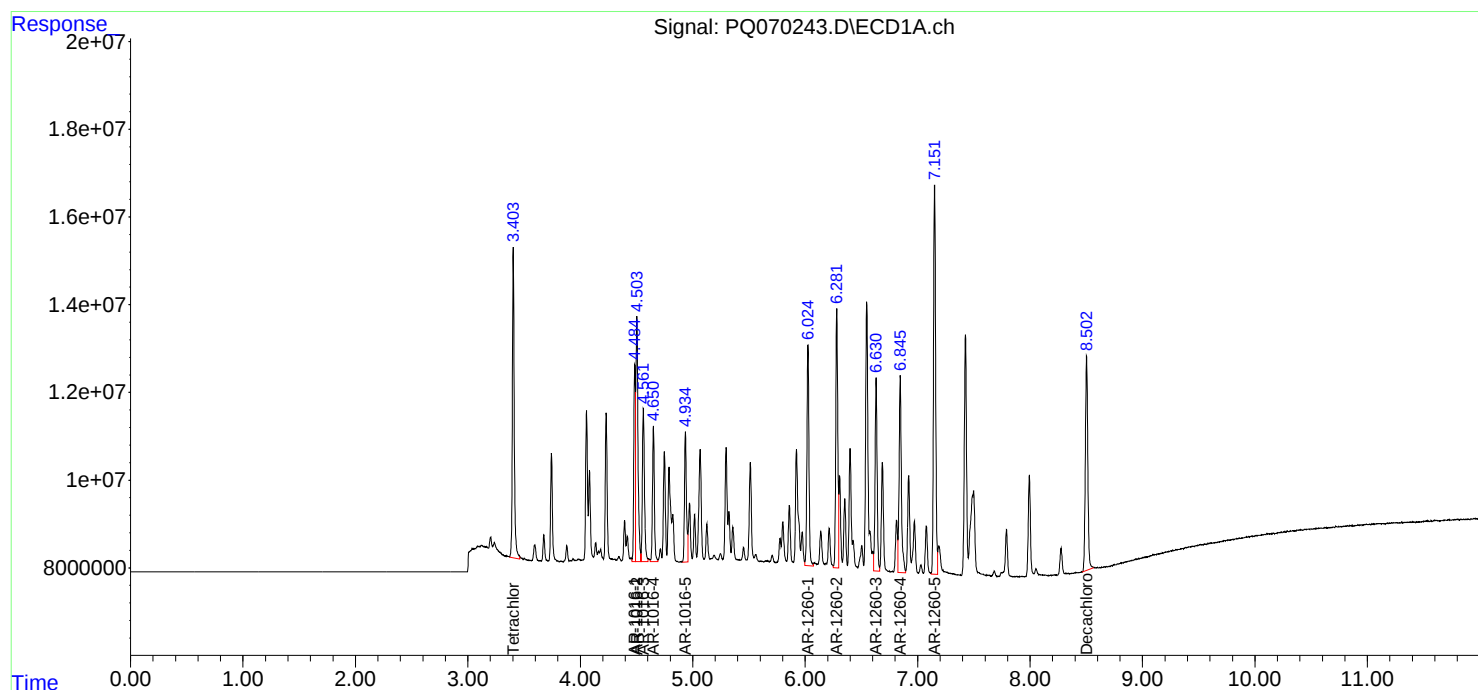
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 09:57
Operator : YP\AJ
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16602028

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:25:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:15:23 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\PQ050725\
 Data File : PQ070244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 10:12
 Operator : YP\AJ
 Sample : AR1660ICC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603029

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:15:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:15:23 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	149.5E6	150.5E6	20.000	20.000
2) SA Decachlor...	8.502	7.545	142.8E6	234.9E6	40.000	40.000
Target Compounds						
3) L1 AR-1016-1	4.484	3.784	85672015	88722490	400.000	400.000
4) L1 AR-1016-2	4.503	3.800	134.5E6	141.6E6	400.000	400.000
5) L1 AR-1016-3	4.561	3.960	87569564	79770541	400.000	400.000
6) L1 AR-1016-4	4.650	4.009	70456822	70755286	400.000	400.000
7) L1 AR-1016-5	4.935	4.204	68402078	84490455	400.000	400.000
31) L7 AR-1260-1	6.026	5.197	120.5E6	153.1E6	400.000	400.000
32) L7 AR-1260-2	6.281	5.386	139.4E6	183.7E6	400.000	400.000
33) L7 AR-1260-3	6.631	5.528	108.5E6	175.6E6	400.000	400.000
34) L7 AR-1260-4	6.845	5.988	120.2E6	151.8E6	400.000	400.000
35) L7 AR-1260-5	7.151	6.232	225.3E6	339.2E6	400.000	400.000

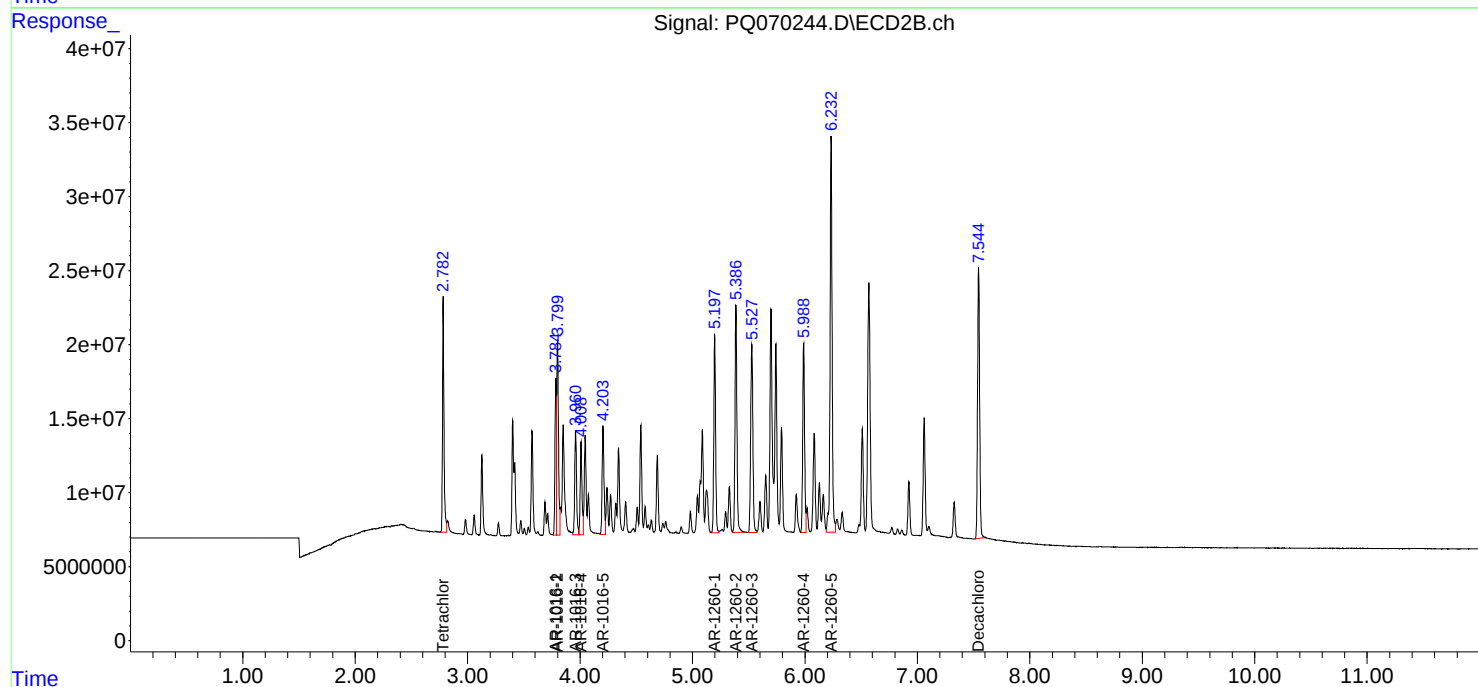
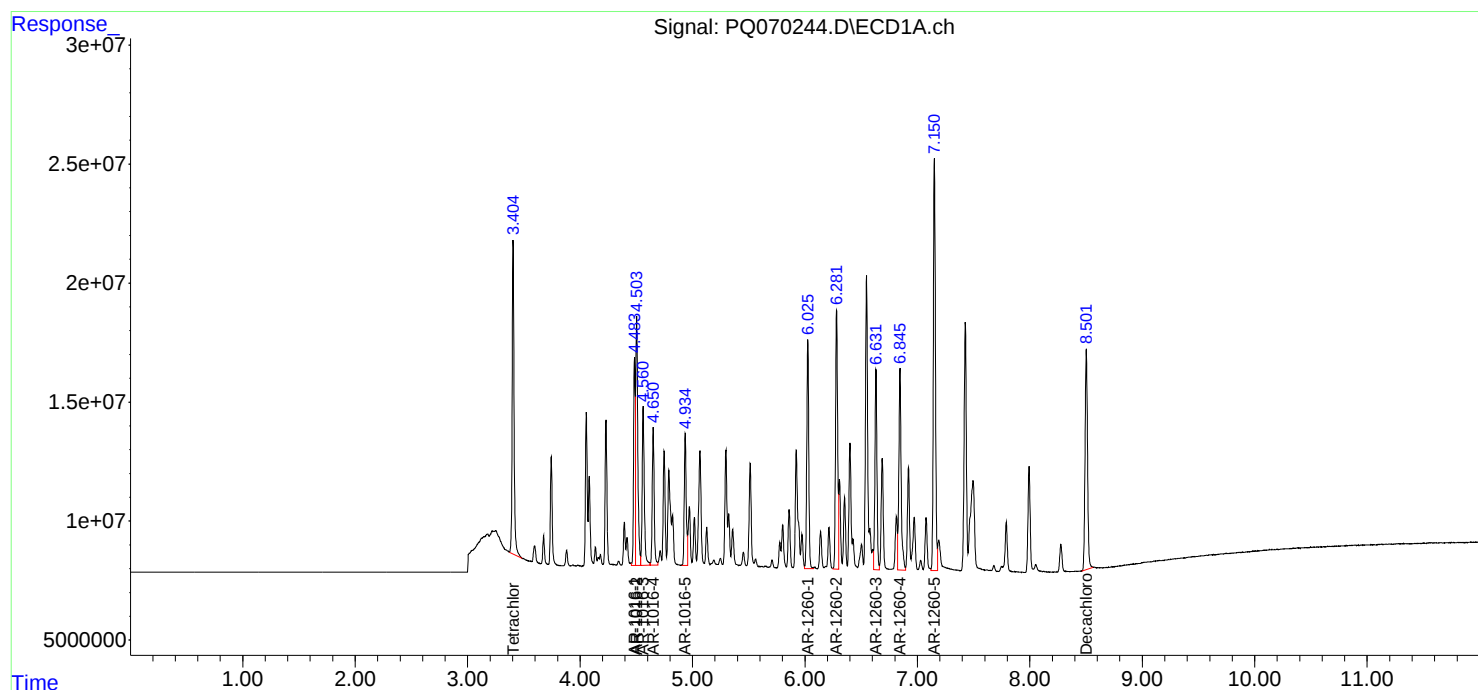
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 10:12
Operator : YP\AJ
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603029

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:15:23 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\PQ050725\
 Data File : PQ070245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 10:26
 Operator : YP\AJ
 Sample : AR1660ICC800
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16604030

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:22:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:15:23 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	276.1E6	281.0E6	39.675	39.992
2) SA Decachlor...	8.503	7.545	263.2E6	433.3E6	79.327	79.898
Target Compounds						
3) L1 AR-1016-1	4.485	3.785	151.3E6	161.2E6	784.190	793.141
4) L1 AR-1016-2	4.503	3.800	244.1E6	257.9E6	793.121	797.166
5) L1 AR-1016-3	4.561	3.961	156.2E6	144.7E6	790.785	798.829
6) L1 AR-1016-4	4.651	4.009	126.6E6	127.5E6	791.024	802.397
7) L1 AR-1016-5	4.934	4.204	123.3E6	152.1E6	795.248	799.181
31) L7 AR-1260-1	6.025	5.197	219.3E6	279.3E6	792.538	799.040
32) L7 AR-1260-2	6.280	5.386	254.8E6	337.2E6	793.708	800.206
33) L7 AR-1260-3	6.632	5.528	201.0E6	321.1E6	797.620	796.139
34) L7 AR-1260-4	6.845	5.989	221.1E6	280.1E6	792.691	800.267
35) L7 AR-1260-5	7.151	6.233	420.1E6	631.6E6	793.063	796.447

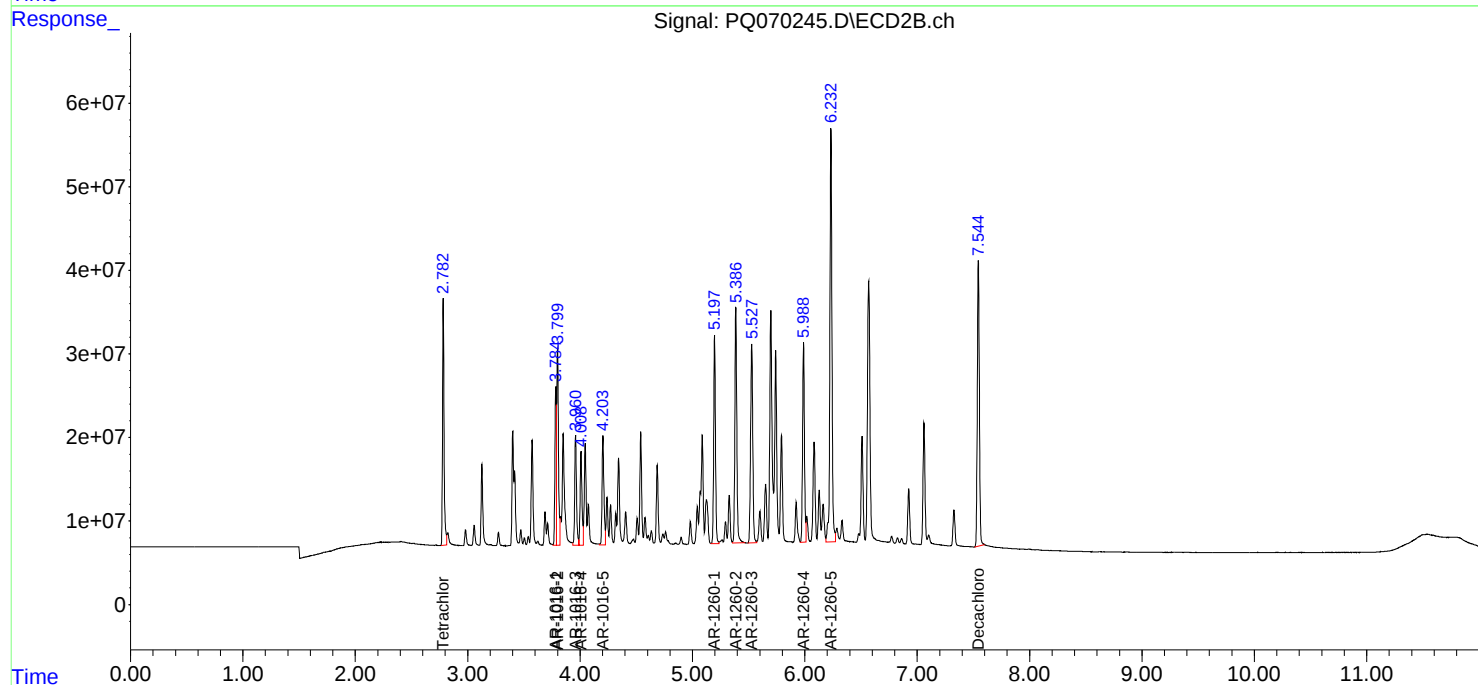
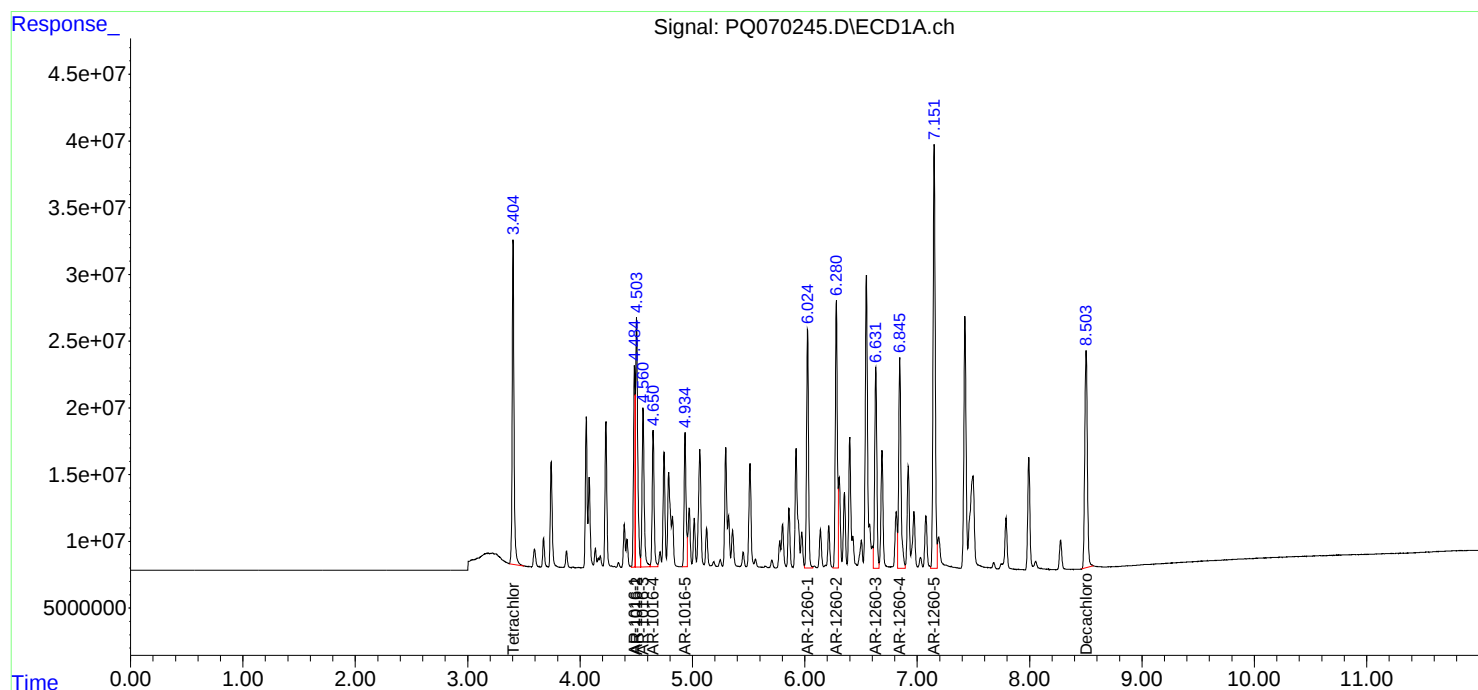
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 10:26
Operator : YP\AJ
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16604030

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:22:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:15:23 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\PQ050725\
 Data File : PQ070246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 10:41
 Operator : YP\AJ
 Sample : AR1660ICC1600
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16605031

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:18:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:15:23 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	520.0E6	522.2E6	74.424	74.308
2) SA Decachlor...	8.502	7.544	495.1E6	797.2E6	148.577	146.889
Target Compounds						
3) L1 AR-1016-1	4.484	3.784	280.7E6	298.4E6	1440.880	1461.535
4) L1 AR-1016-2	4.503	3.800	451.4E6	470.7E6	1460.229	1452.386
5) L1 AR-1016-3	4.561	3.960	285.3E6	261.1E6	1436.504	1440.060
6) L1 AR-1016-4	4.650	4.008	233.1E6	224.7E6	1448.662	1416.179
7) L1 AR-1016-5	4.934	4.204	224.1E6	271.5E6	1440.804	1425.507
31) L7 AR-1260-1	6.025	5.197	407.5E6	506.9E6	1465.941	1449.385
32) L7 AR-1260-2	6.280	5.386	473.4E6	613.7E6	1469.153	1456.422
33) L7 AR-1260-3	6.631	5.527	373.6E6	591.6E6	1480.053	1463.244
34) L7 AR-1260-4	6.845	5.988	416.0E6	512.7E6	1484.760	1465.052
35) L7 AR-1260-5	7.150	6.233	801.2E6	1186.7E6	1505.817	1493.026

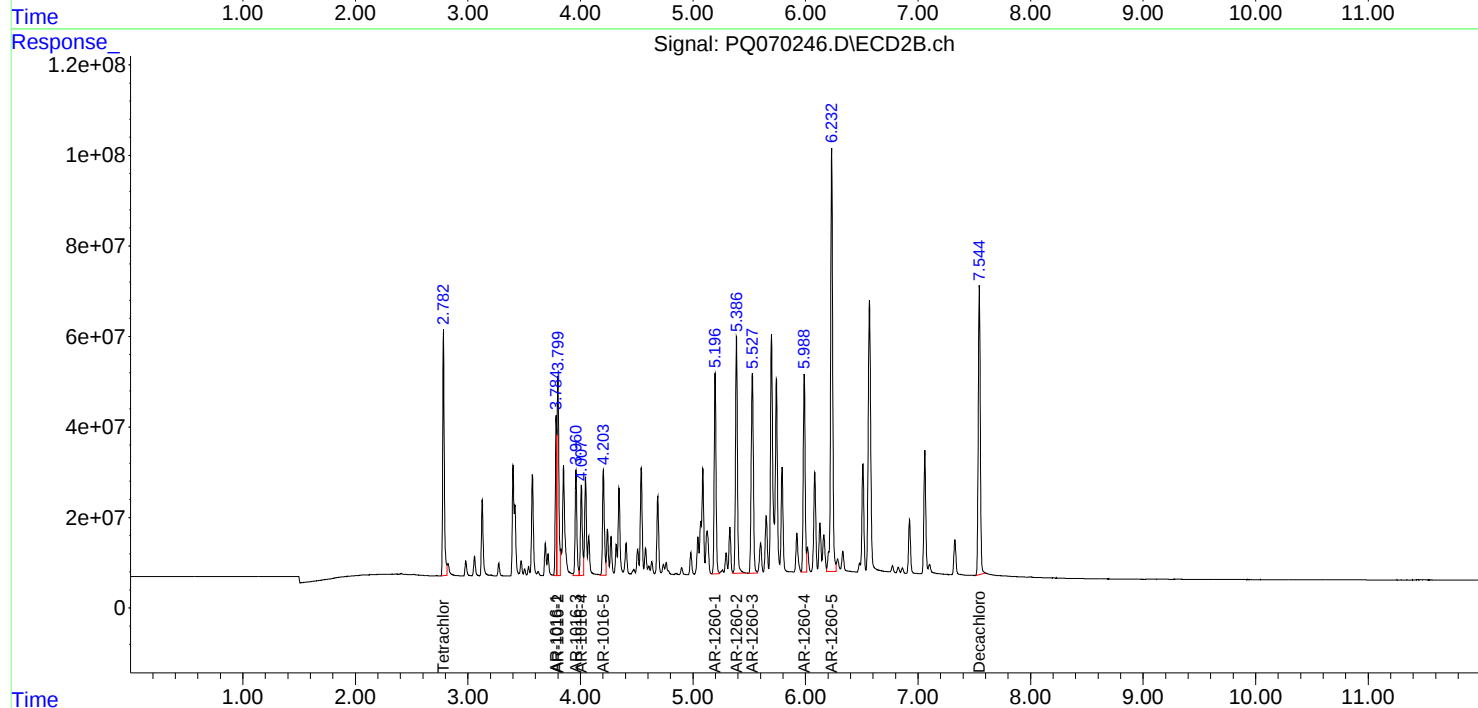
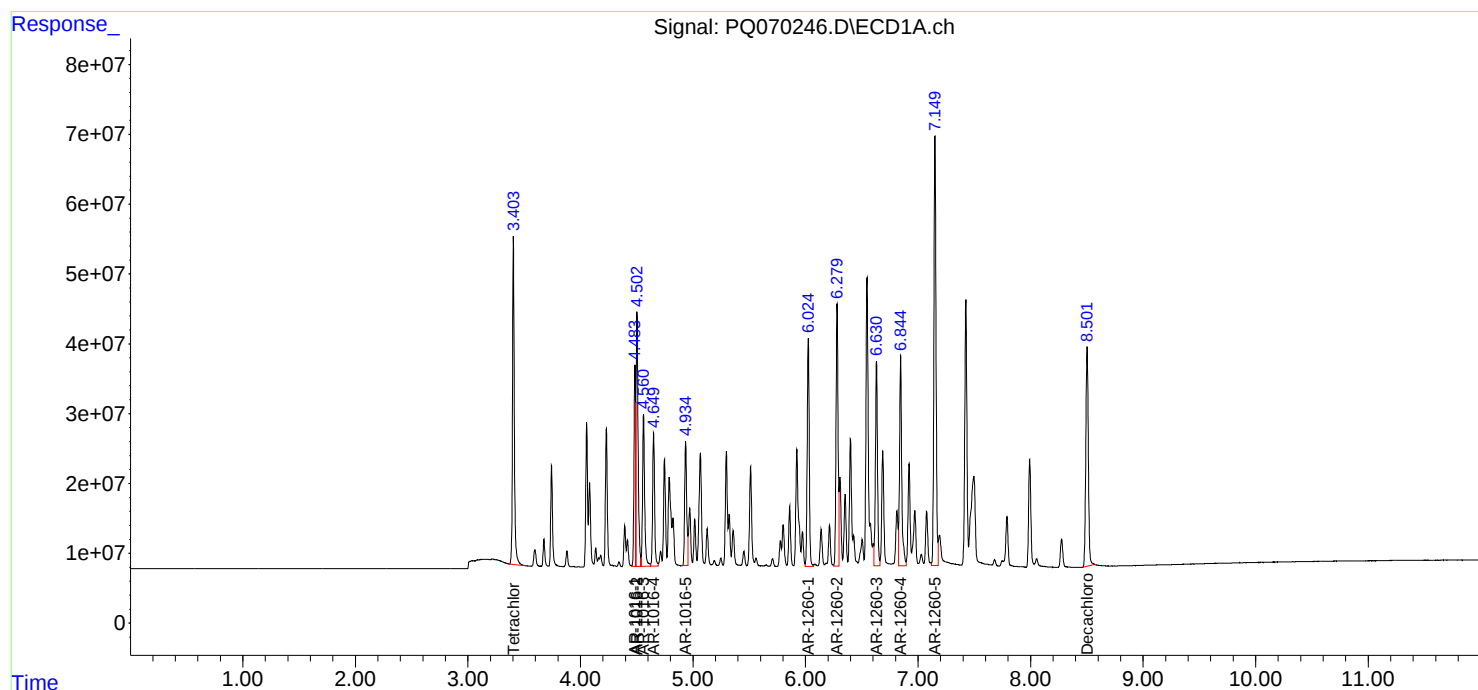
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 10:41
Operator : YP\AJ
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16605031

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:18:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:15:23 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\PQ050725\
 Data File : PQ070247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 10:55
 Operator : YP\AJ
 Sample : AR1221ICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12211032

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 12:15:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:46:21 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	43227072	41369877	5.581	5.520
2) SA Decachlor...	8.501	7.544	39331013	67452375	11.099	11.325
Target Compounds						
8) L2 AR-1221-1	3.597	2.982	8985569	10430695	106.205	110.871
9) L2 AR-1221-2	3.676	3.059	6465069	7193342	109.033	109.117
10) L2 AR-1221-3	3.743	3.127	21629997	23735183	112.670	113.977

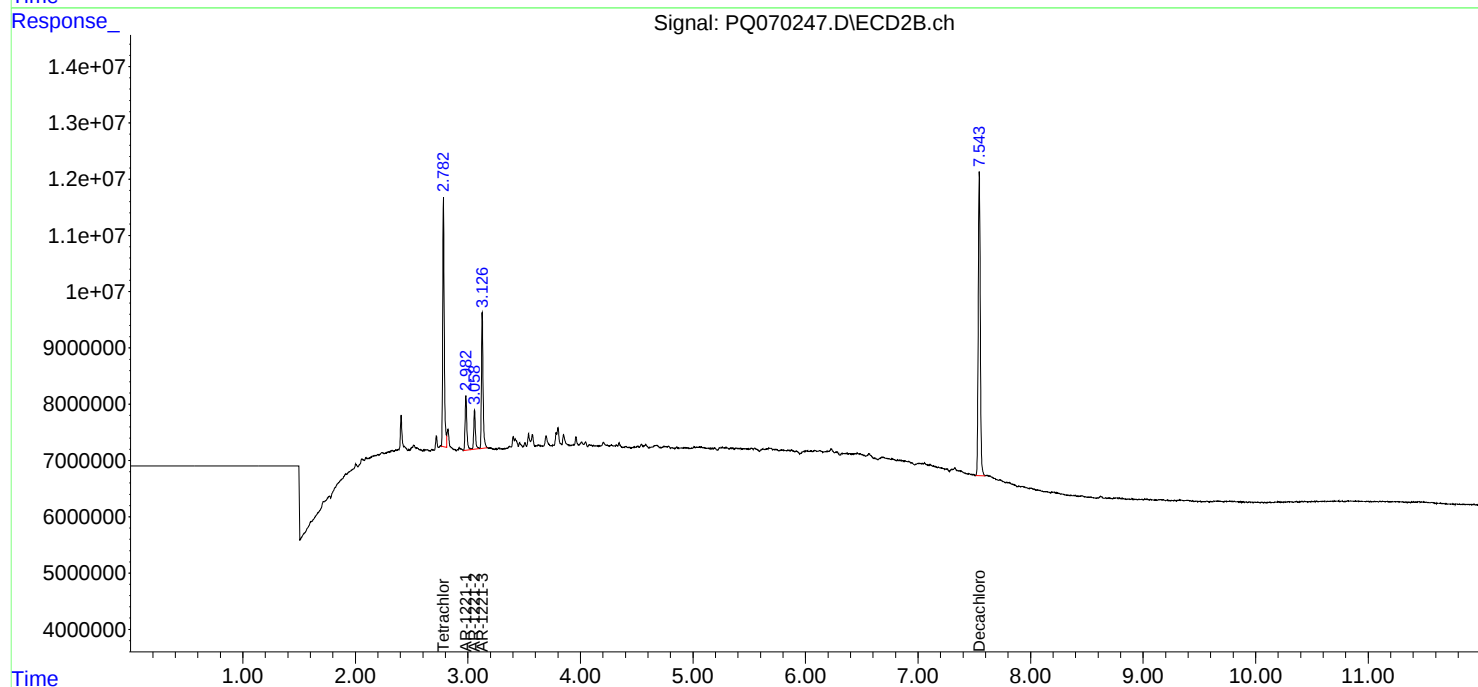
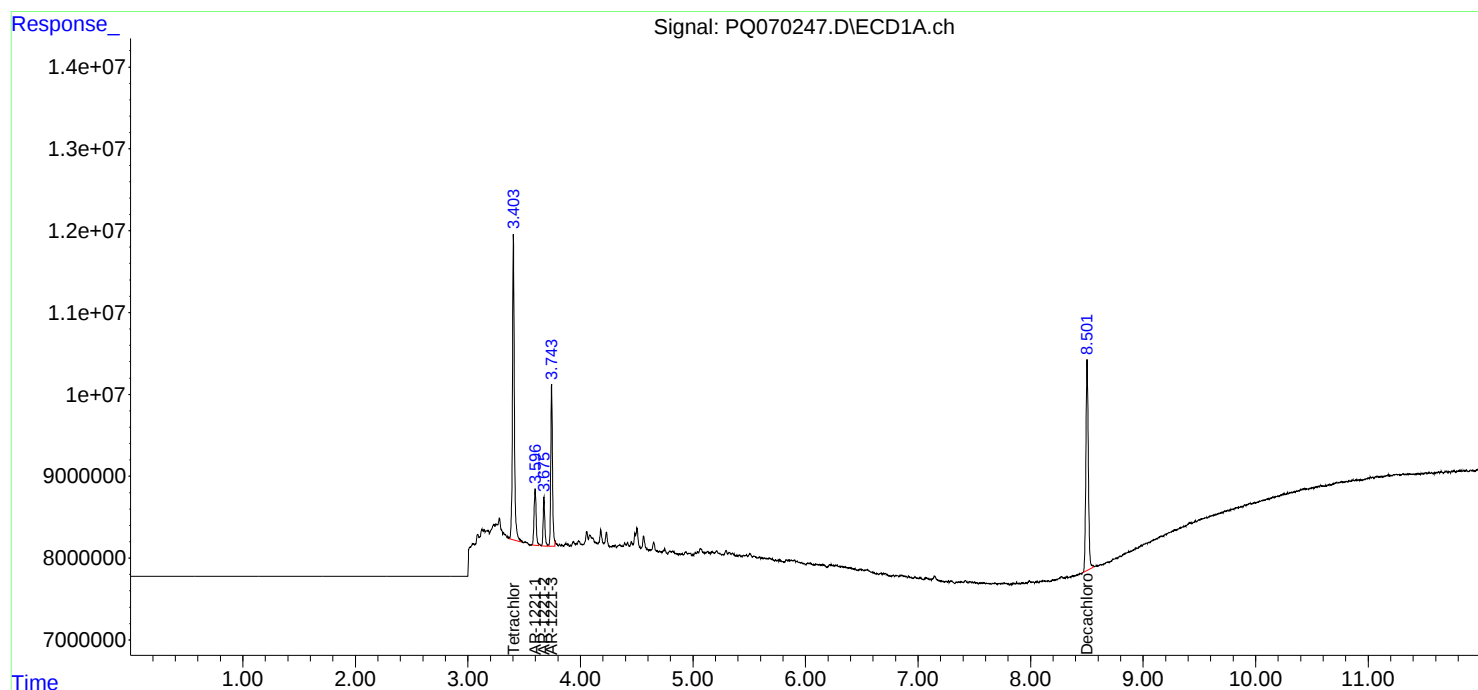
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 10:55
Operator : YP\AJ
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12211032

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:46:21 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\PQ050725\
 Data File : PQ070248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 11:10
 Operator : YP\AJ
 Sample : AR1221ICC200
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12212033

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:49:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:46:21 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	80639769	79366442	10.279	10.368
2) SA Decachlor...	8.503	7.545	74608328	127.1E6	20.762	20.988
Target Compounds						
8) L2 AR-1221-1	3.598	2.982	18553923	20586821	208.768	209.226
9) L2 AR-1221-2	3.675	3.058	12817555	14281910	207.794	206.342
10) L2 AR-1221-3	3.743	3.127	41361443	44511485	208.076	206.256

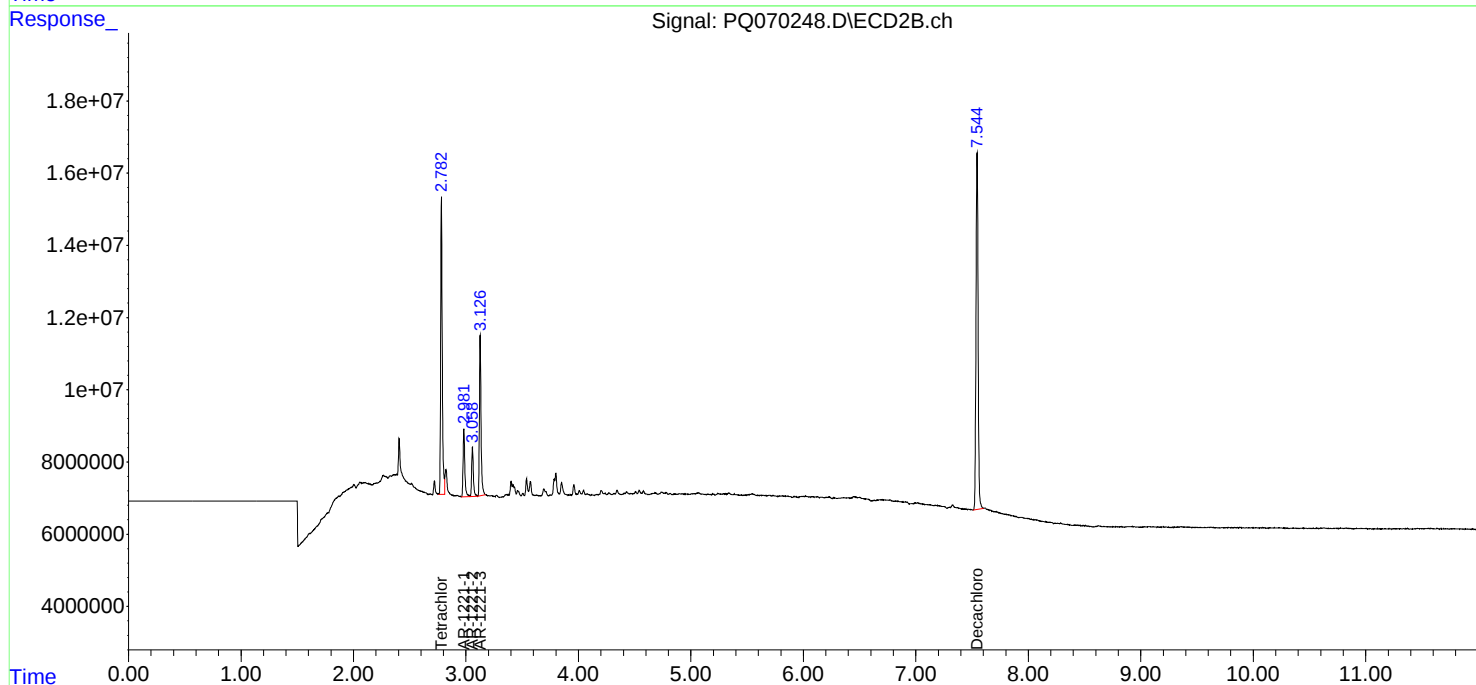
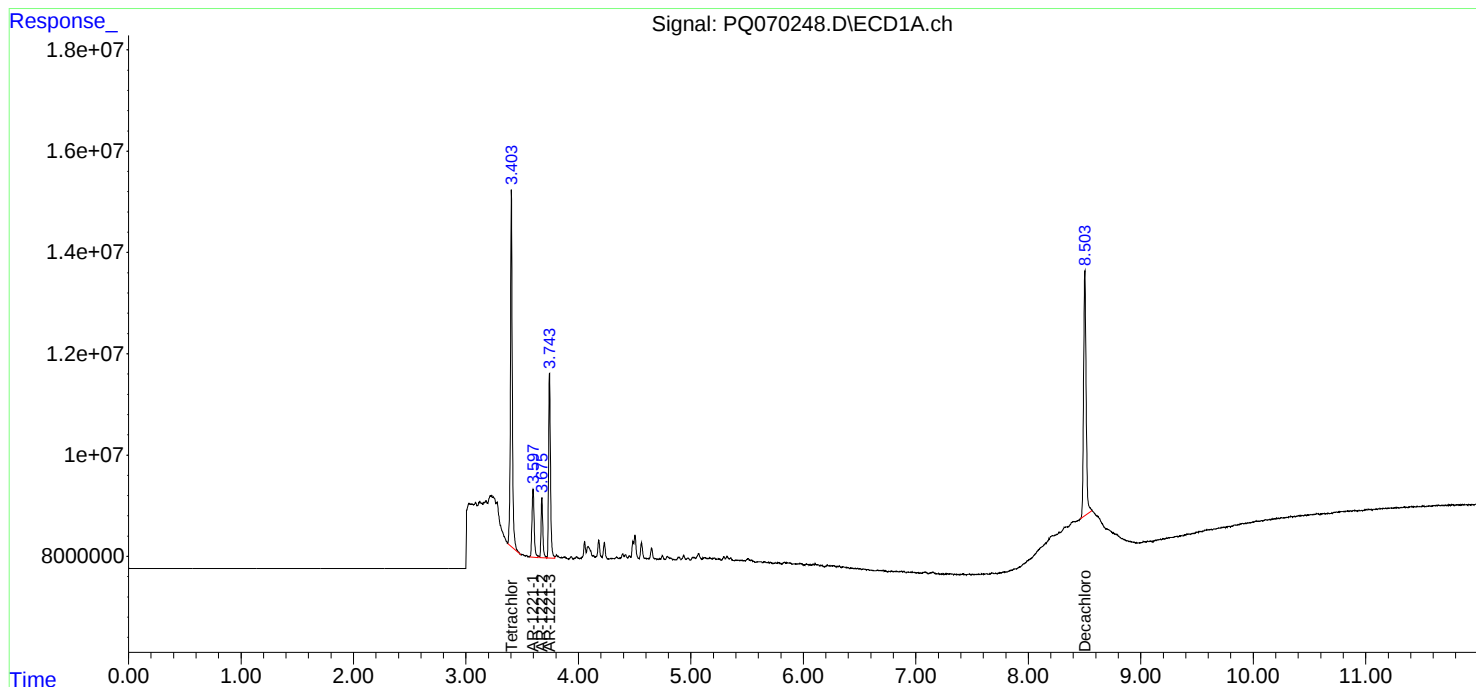
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 11:10
Operator : YP\AJ
Sample : AR1221ICC200
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12212033

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:49:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:46:21 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\PQ050725\
 Data File : PQ070249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 11:25
 Operator : YP\AJ
 Sample : AR1221ICC400
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12213034

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 11:46:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:46:21 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	152.5E6	147.5E6	20.000	20.000
2) SA Decachlor...	8.504	7.545	138.3E6	230.3E6	40.000	40.000
Target Compounds						
8) L2 AR-1221-1	3.597	2.982	33990959	37542435	400.000	400.000
9) L2 AR-1221-2	3.675	3.059	23712040	26807910	400.000	400.000
10) L2 AR-1221-3	3.743	3.127	76301689	83622505	400.000	400.000

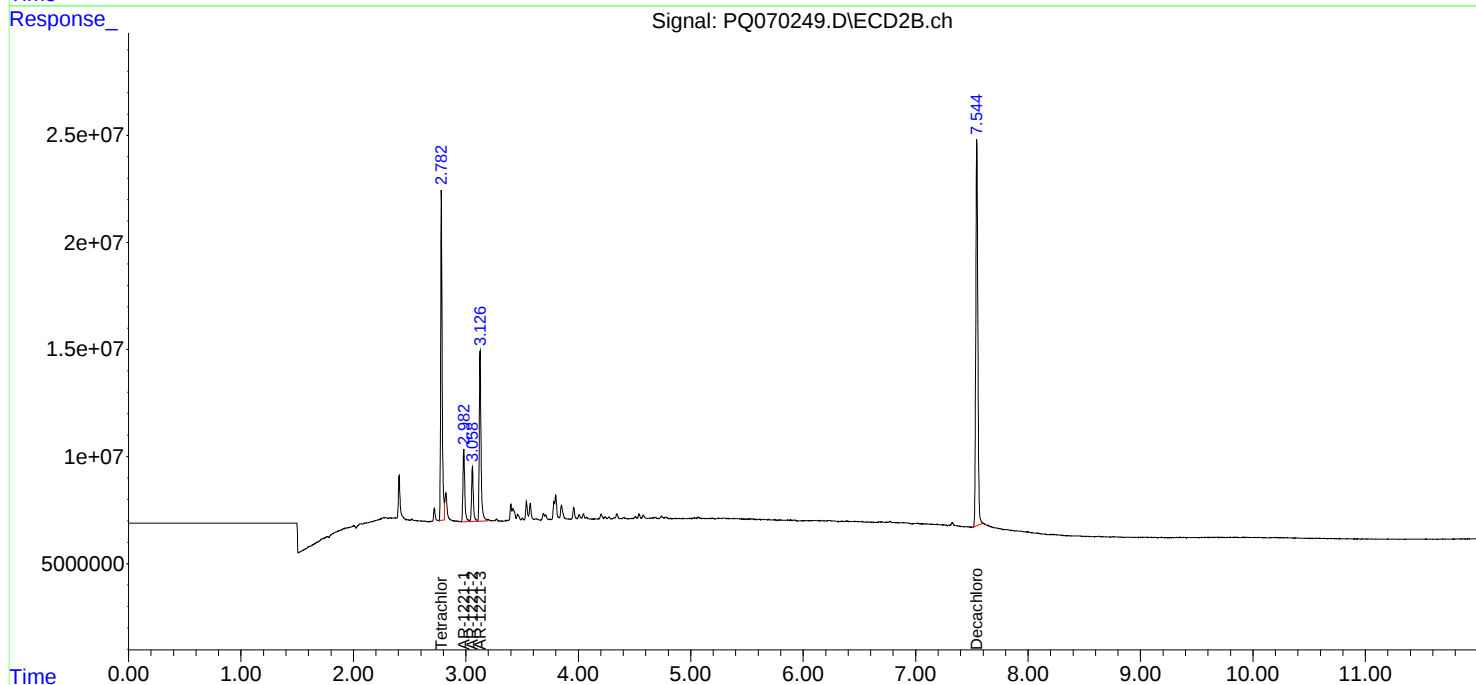
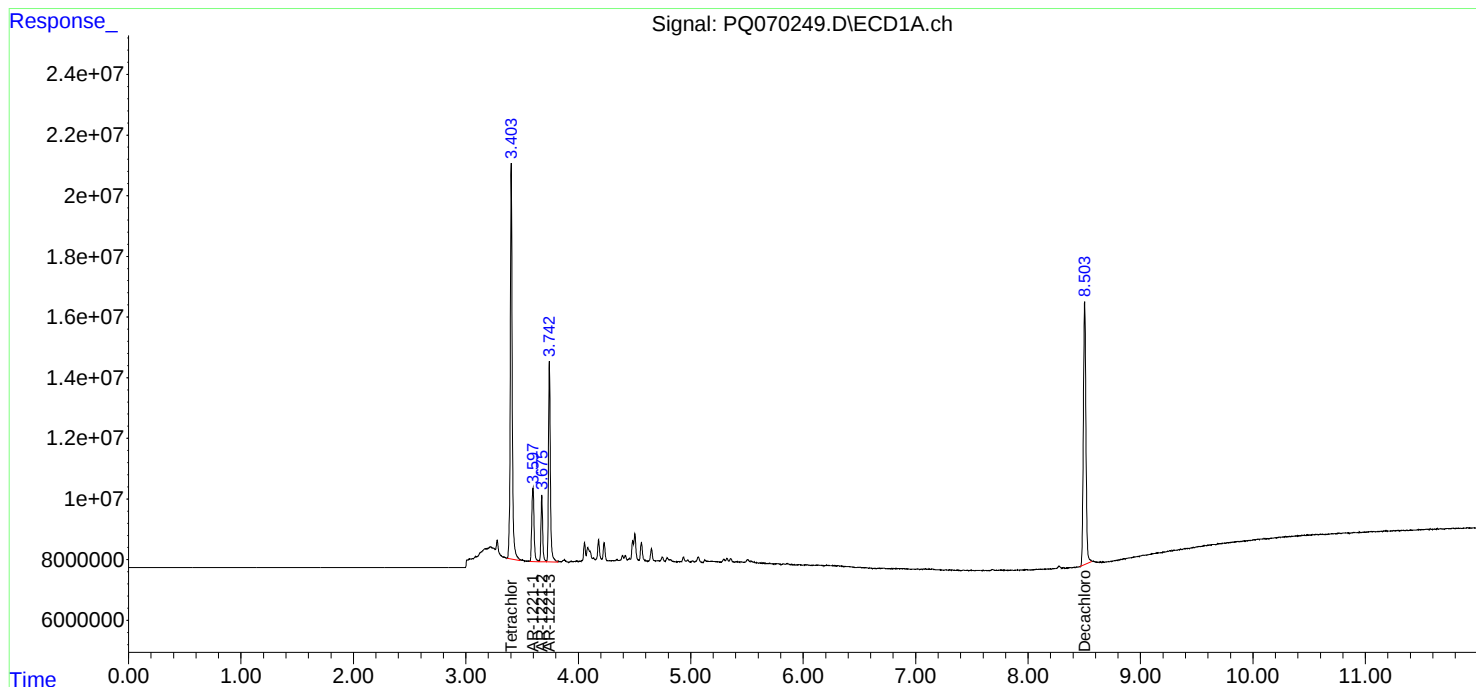
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 11:25
Operator : YP\AJ
Sample : AR1221ICC400
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12213034

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 11:46:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:46:21 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\PQ050725\
 Data File : PQ070250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 11:39
 Operator : YP\AJ
 Sample : AR1221ICC800
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12214035

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 12:02:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 12:00:16 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	285.5E6	279.7E6	37.435	37.937
2) SA Decachlor...	8.503	7.544	260.0E6	424.8E6	75.213	73.781
Target Compounds						
8) L2 AR-1221-1	3.598	2.982	63013001	69044349	741.527	735.641
9) L2 AR-1221-2	3.676	3.059	44340455	49108428	747.982	732.745
10) L2 AR-1221-3	3.743	3.127	138.6E6	151.8E6	726.796	726.065

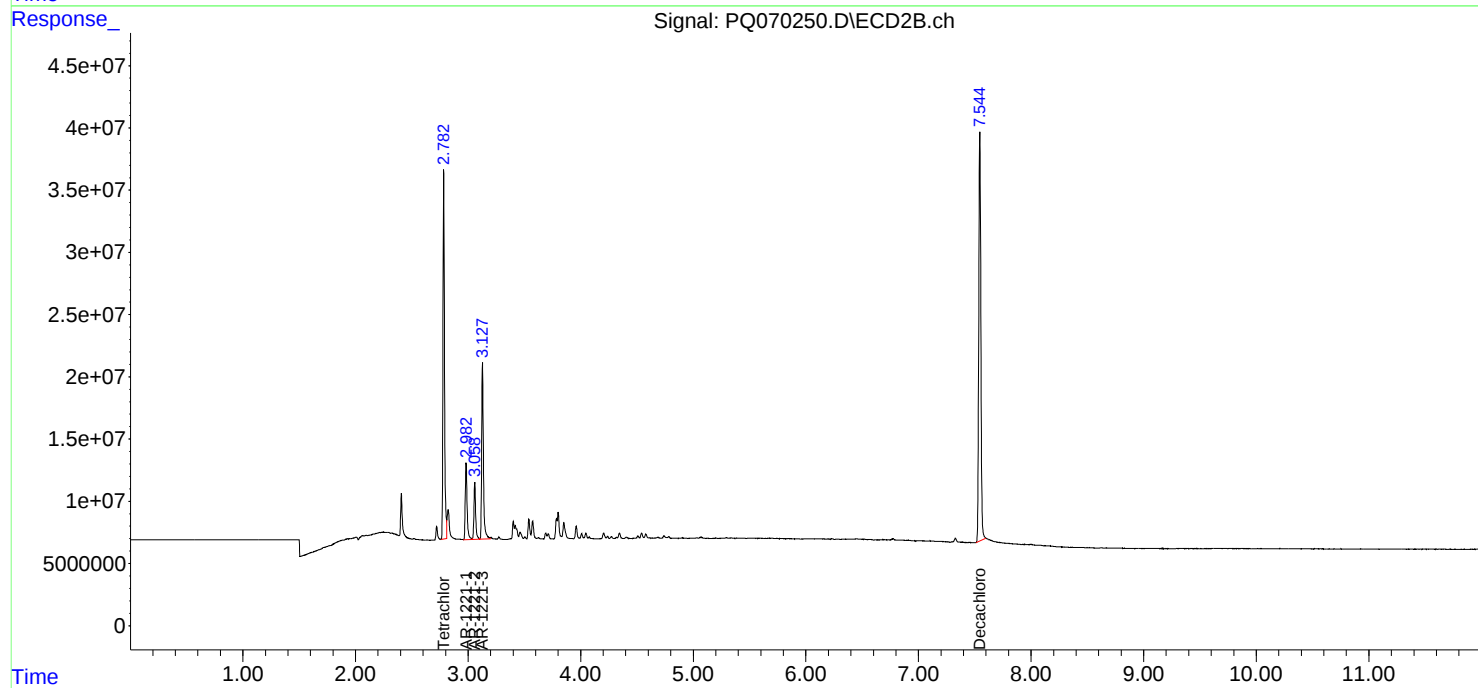
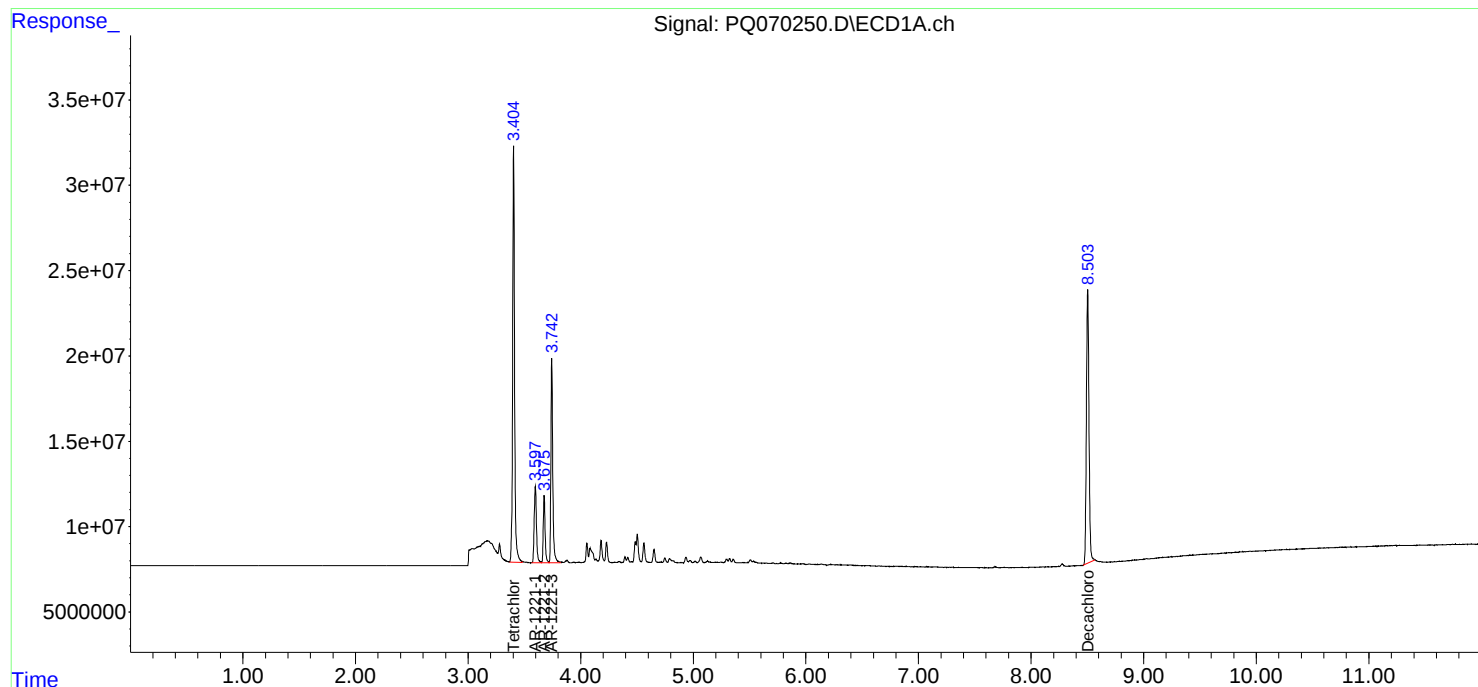
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 11:39
Operator : YP\AJ
Sample : AR1221ICC800
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12214035

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 12:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 12:00:16 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\PQ050725\
 Data File : PQ070251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 11:54
 Operator : YP\AJ
 Sample : AR1221ICC1600
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12215036

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 12:13:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 11:46:21 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	531.6E6	511.4E6	71.400	70.697
2) SA Decachlor...	8.504	7.545	488.8E6	794.5E6	143.164	139.561
Target Compounds						
8) L2 AR-1221-1	3.597	2.982	113.3E6	120.4E6	1367.614	1327.358
9) L2 AR-1221-2	3.675	3.058	78655209	85327253	1367.700	1334.915
10) L2 AR-1221-3	3.743	3.127	246.5E6	262.4E6	1340.487	1321.761

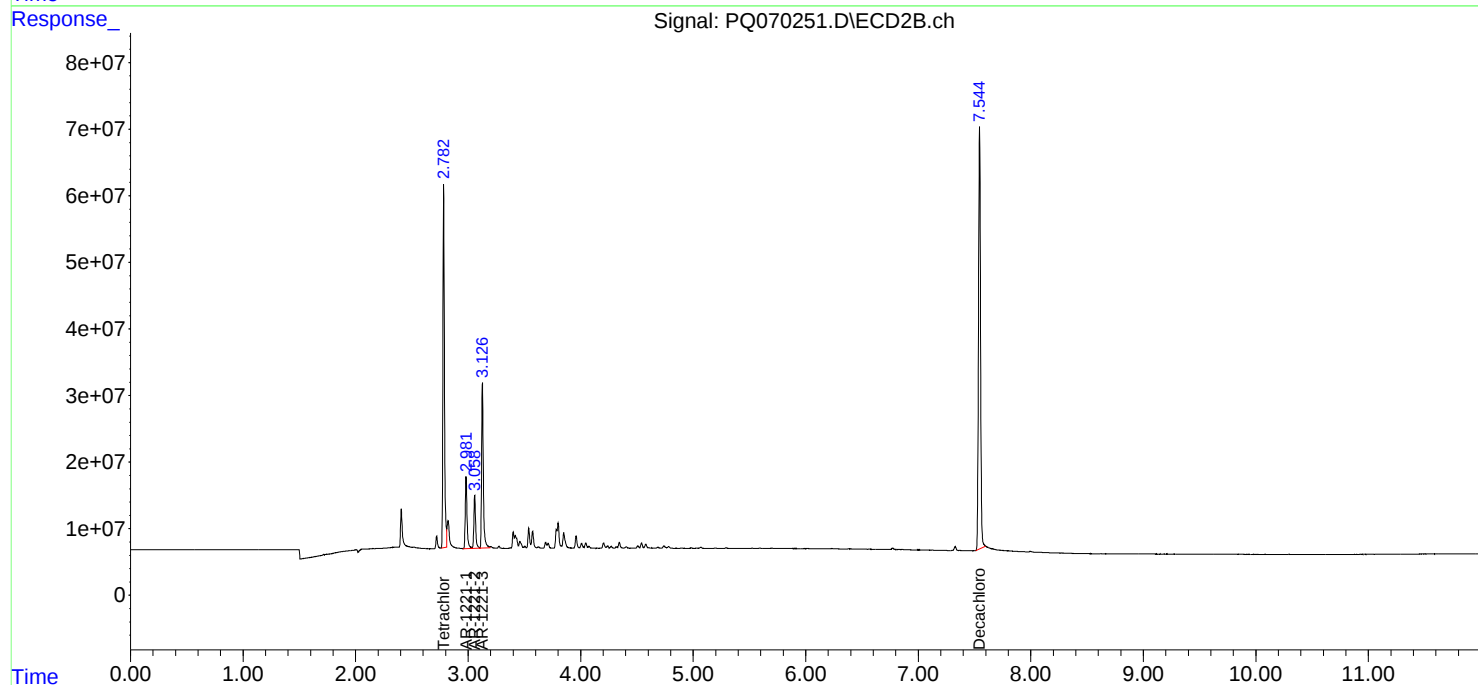
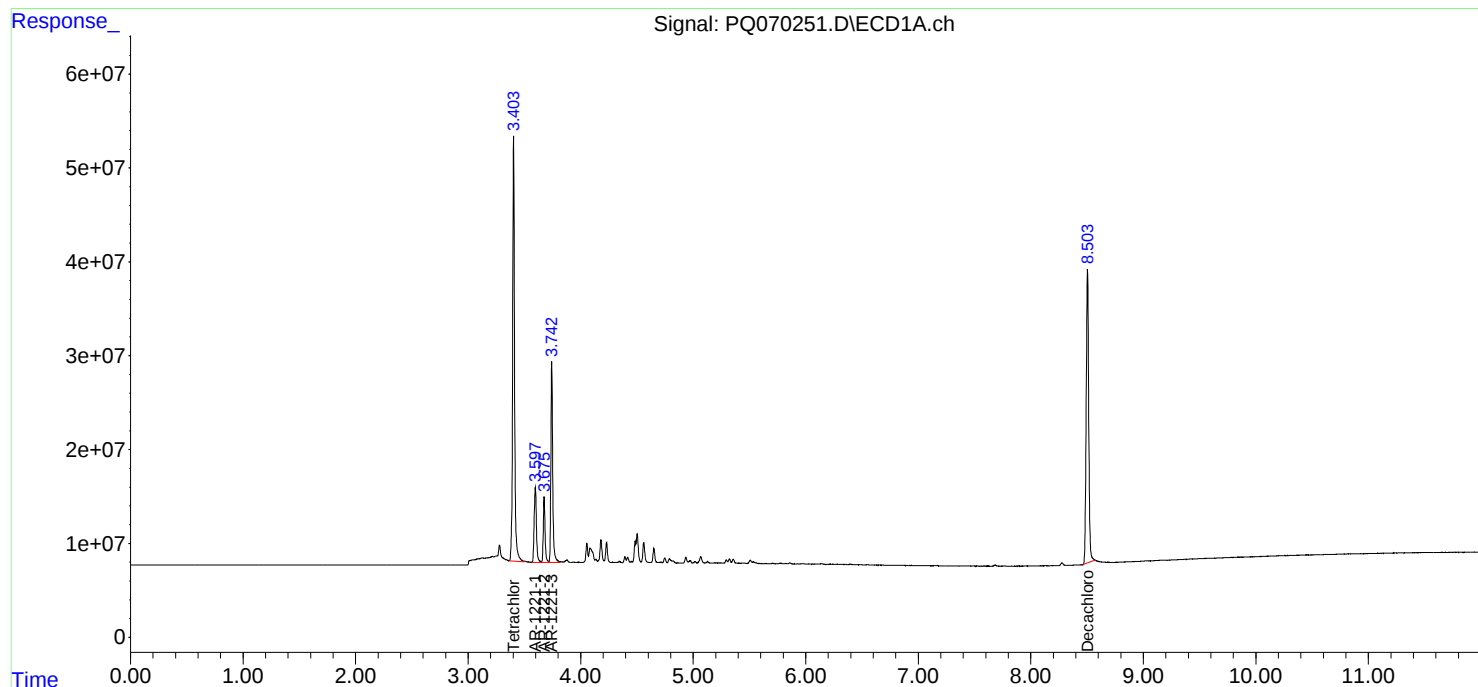
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 11:54
Operator : YP\AJ
Sample : AR1221ICC1600
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12215036

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 12:13:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 11:46:21 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\PQ050725\
 Data File : PQ070252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 12:08
 Operator : YP\AJ
 Sample : AR1232ICC100
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12321037

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 13:14:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 13:07:14 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...	3.404	2.782	42598815	42347626	5.543	5.677
2) SA Decachlor...	8.503	7.544	39400961	68356424	10.851	11.084
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	18022483	19896052	117.852	119.876
12) L3 AR-1232-2	4.230	3.800	9629169	20332674	116.613	120.063
13) L3 AR-1232-3	4.503	3.960	17694615	9696438	115.758	107.505
14) L3 AR-1232-4	4.650	4.045	9065235	8682622	117.613	114.816
15) L3 AR-1232-5	4.748	4.204	5926057	10153752	113.546	117.528

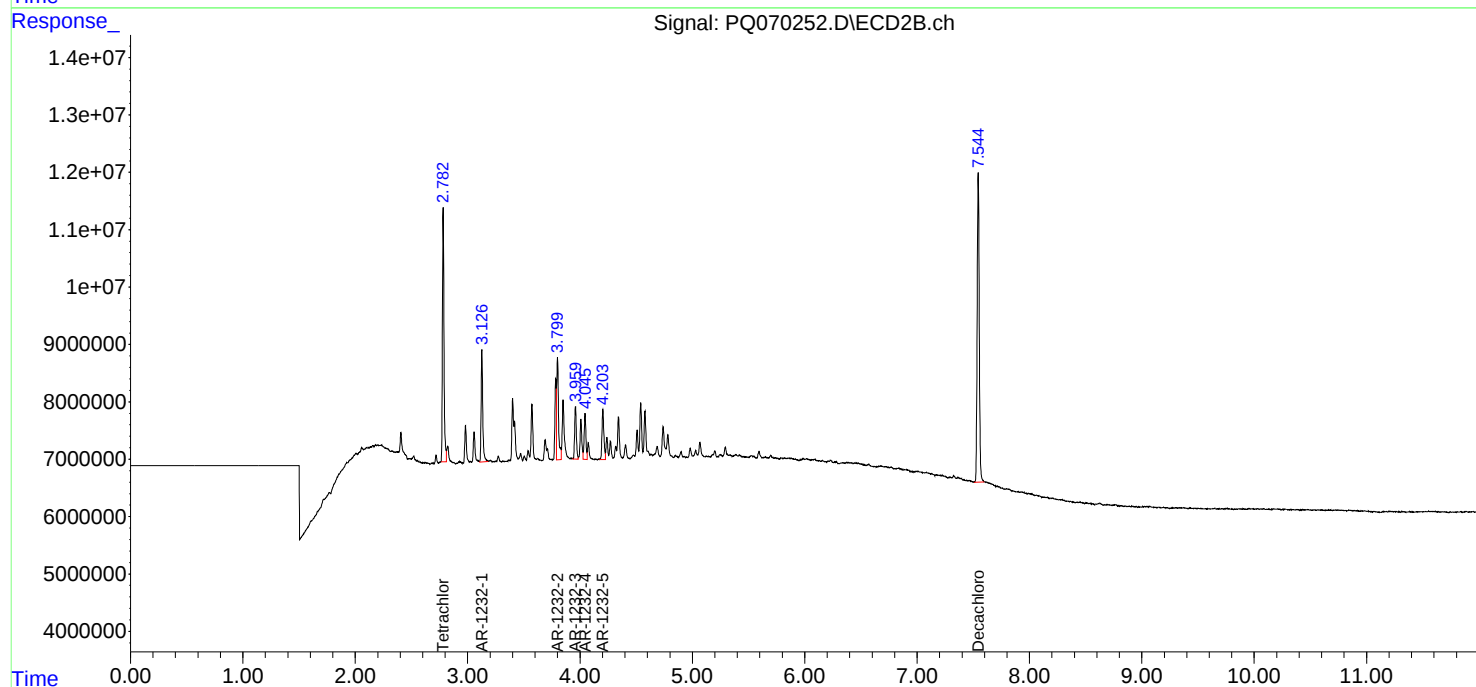
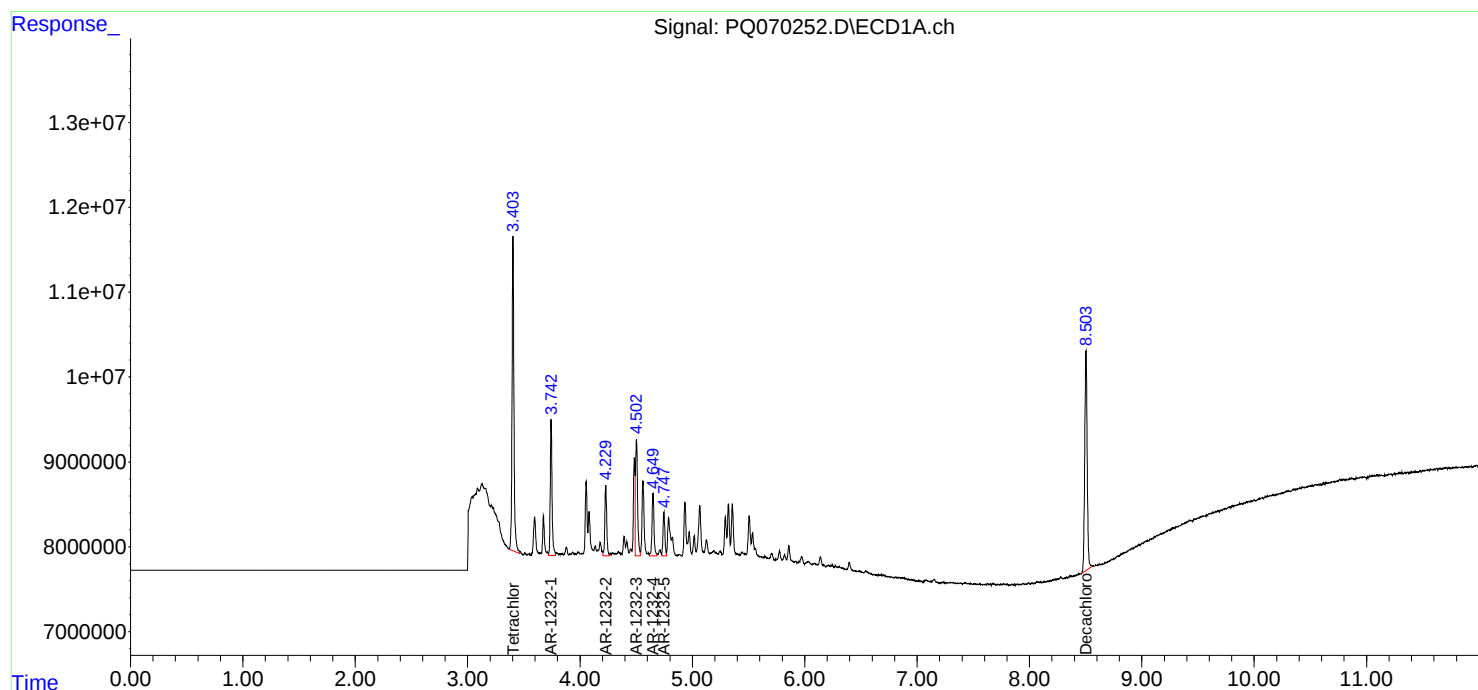
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 12:08
Operator : YP\AJ
Sample : AR1232ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12321037

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 13:14:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 13:07:14 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\PQ050725\
 Data File : PQ070253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 12:23
 Operator : YP\AJ
 Sample : AR1232ICC200
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12322038

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 13:12:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 13:07:14 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	80794358	78692160	10.909	11.047
2) SA Decachlor...	8.504	7.545	75759382	131.9E6	21.472	22.184
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	32413983	34823879	225.370	224.706
12) L3 AR-1232-2	4.231	3.800	17362413	35270576	222.593	223.198
13) L3 AR-1232-3	4.504	3.960	32239129	18612742	222.602	211.657
14) L3 AR-1232-4	4.651	4.046	16277660	15662153	224.359	217.870
15) L3 AR-1232-5	4.749	4.204	11103501	17770788	222.808	218.458

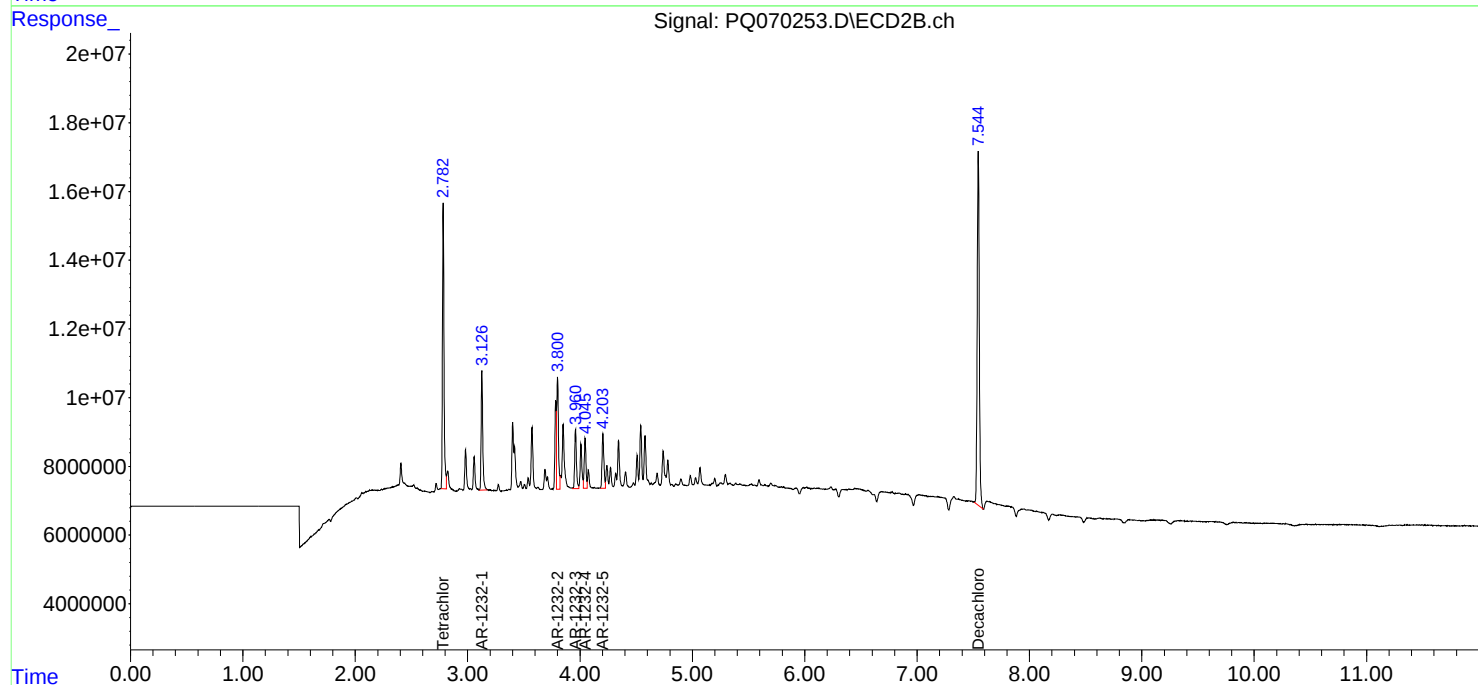
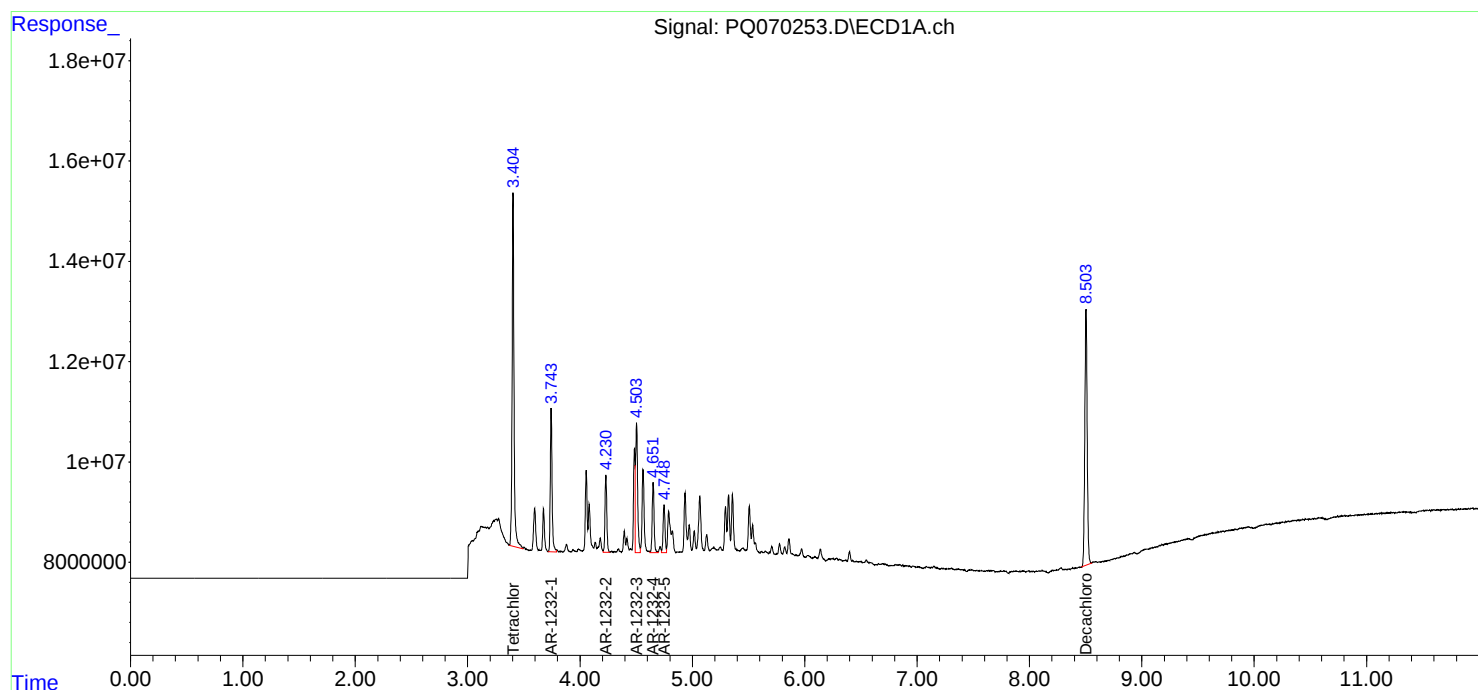
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 12:23
Operator : YP\AJ
Sample : AR1232ICC200
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12322038

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 13:12:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 13:07:14 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\PQ050725\
 Data File : PQ070254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 12:37
 Operator : YP\AJ
 Sample : AR1232ICC400
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12323039

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 13:07:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 13:07:14 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...	3.404	2.782	146.4E6	135.5E6	20.000	20.000
2) SA Decachlor...	8.503	7.544	141.4E6	235.6E6	40.000	40.000
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	55125479	59020431	400.000	400.000
12) L3 AR-1232-2	4.230	3.800	30282239	60744788	400.000	400.000
13) L3 AR-1232-3	4.503	3.960	55279087	36769641	400.000	400.000
14) L3 AR-1232-4	4.651	4.046	27623423	28344100	400.000	400.000
15) L3 AR-1232-5	4.747	4.204	19387736	31942894	400.000	400.000

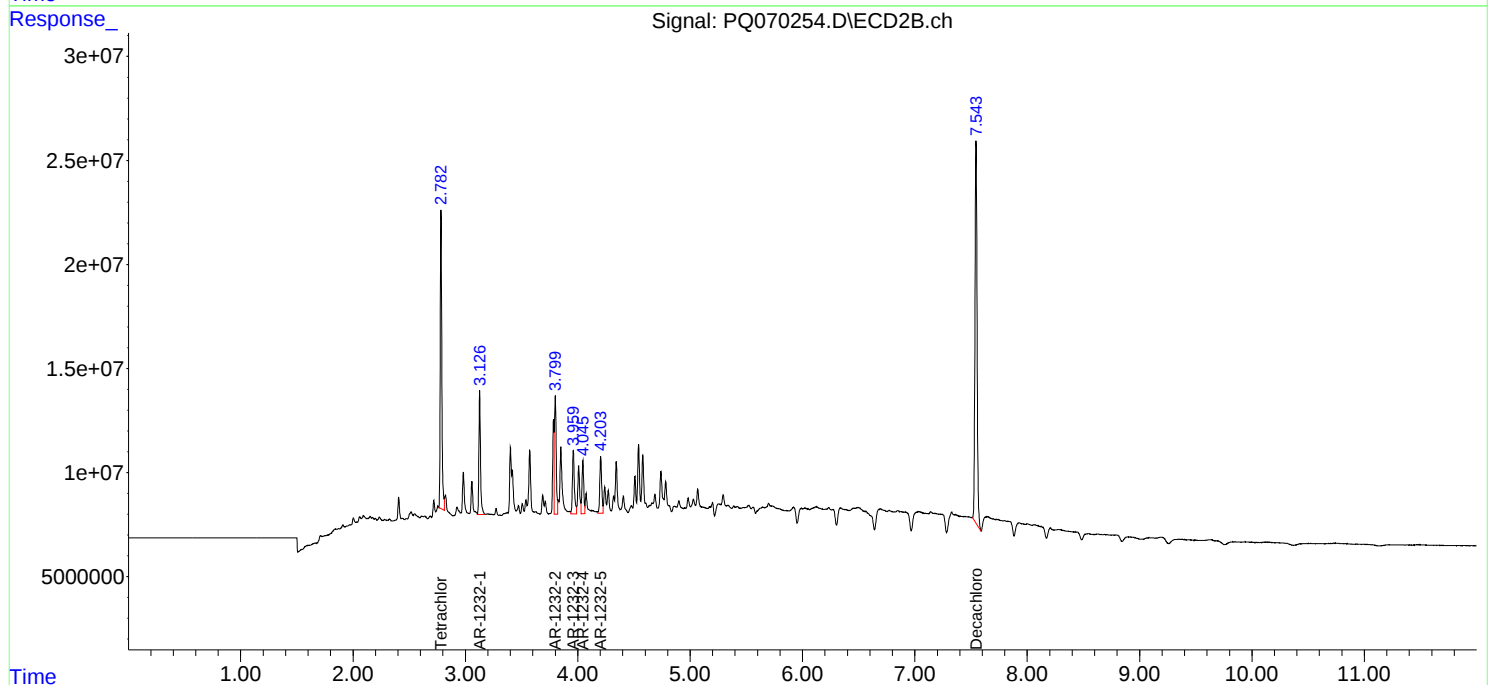
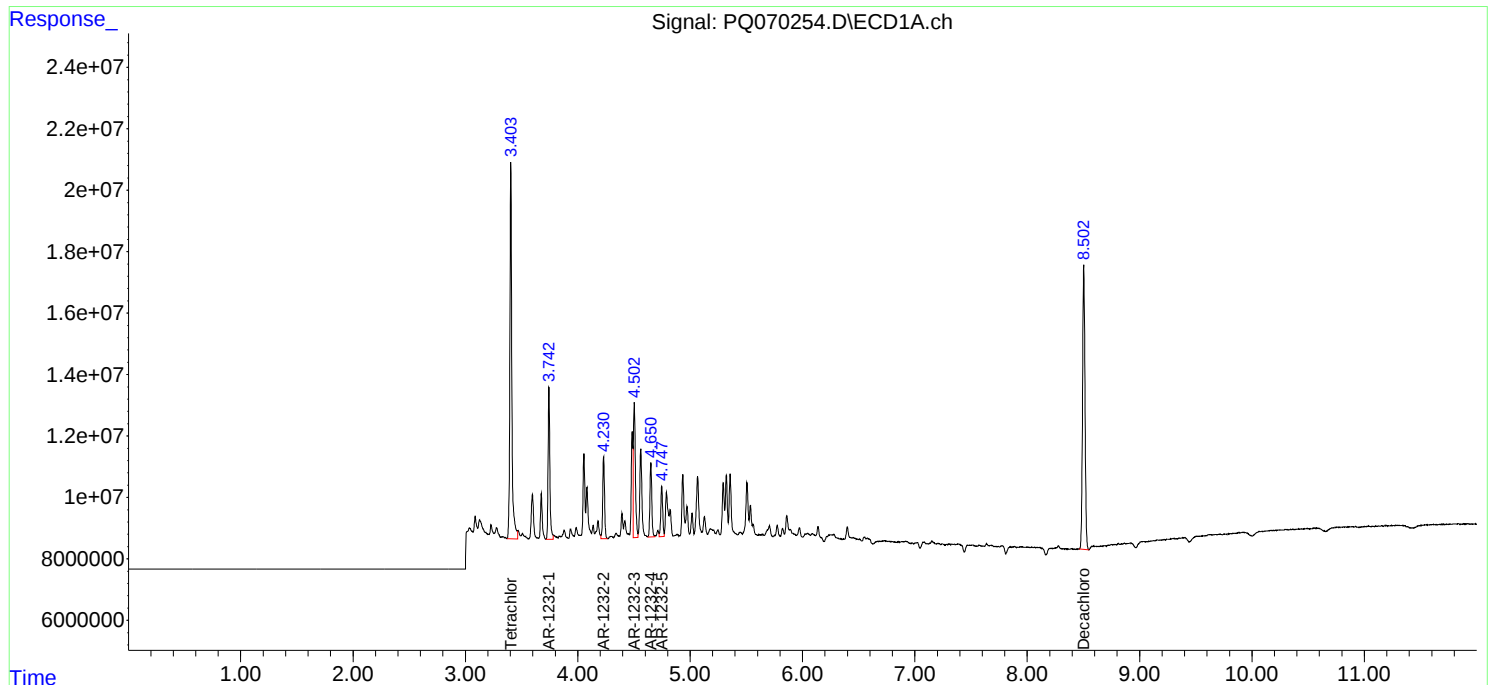
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 12:37
Operator : YP\AJ
Sample : AR1232ICC400
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12323039

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time : May 07 13:07:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 13:07:14 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\PQ050725\
 Data File : PQ070255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 12:52
 Operator : YP\AJ
 Sample : AR1232ICC800
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12324040

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 13:10:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 13:07:14 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...	3.404	2.782	272.7E6	268.9E6	38.575	39.841
2) SA Decachlor...	8.503	7.544	260.9E6	427.9E6	76.767	76.140
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	105.3E6	114.6E6	781.526	788.182
12) L3 AR-1232-2	4.230	3.799	57187609	116.7E6	777.058	783.863
13) L3 AR-1232-3	4.503	3.960	108.1E6	63061773	790.912	738.639
14) L3 AR-1232-4	4.650	4.045	53766662	53193330	789.138	774.555
15) L3 AR-1232-5	4.748	4.203	36413244	60262441	774.866	776.651

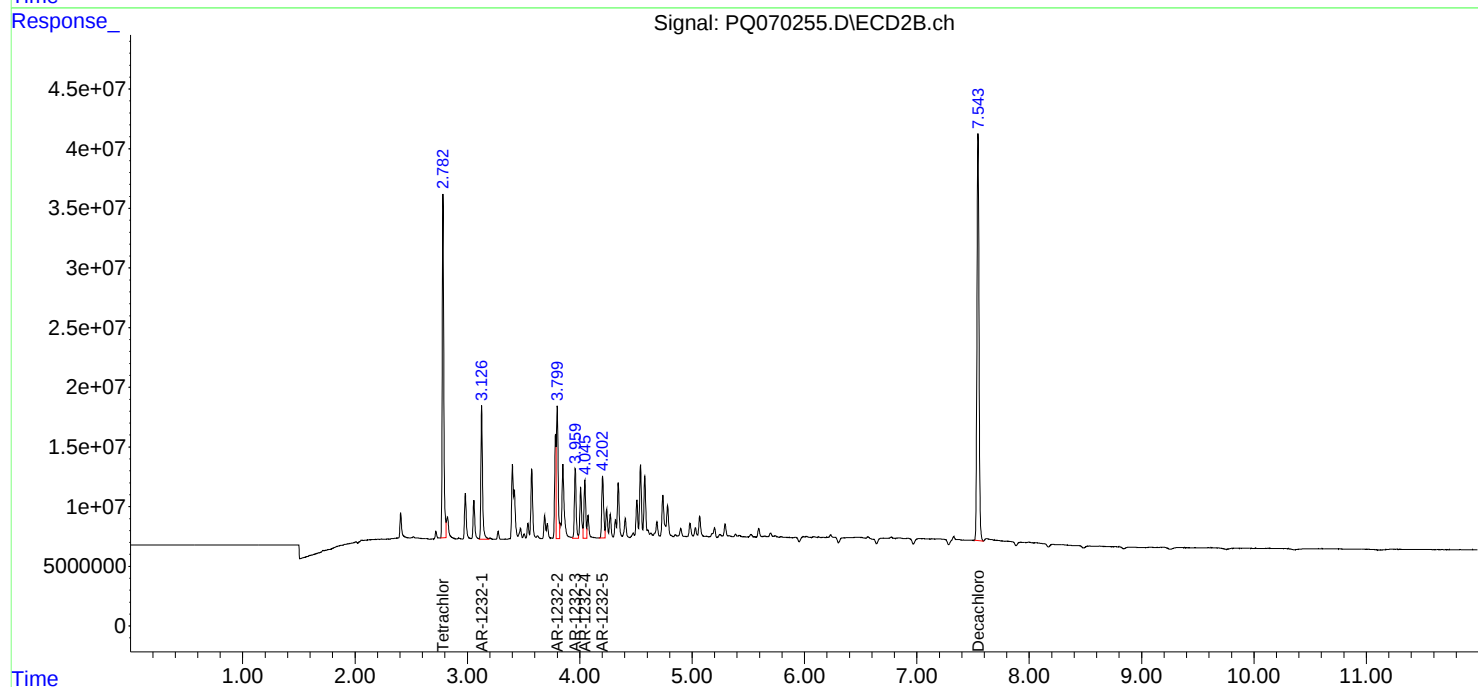
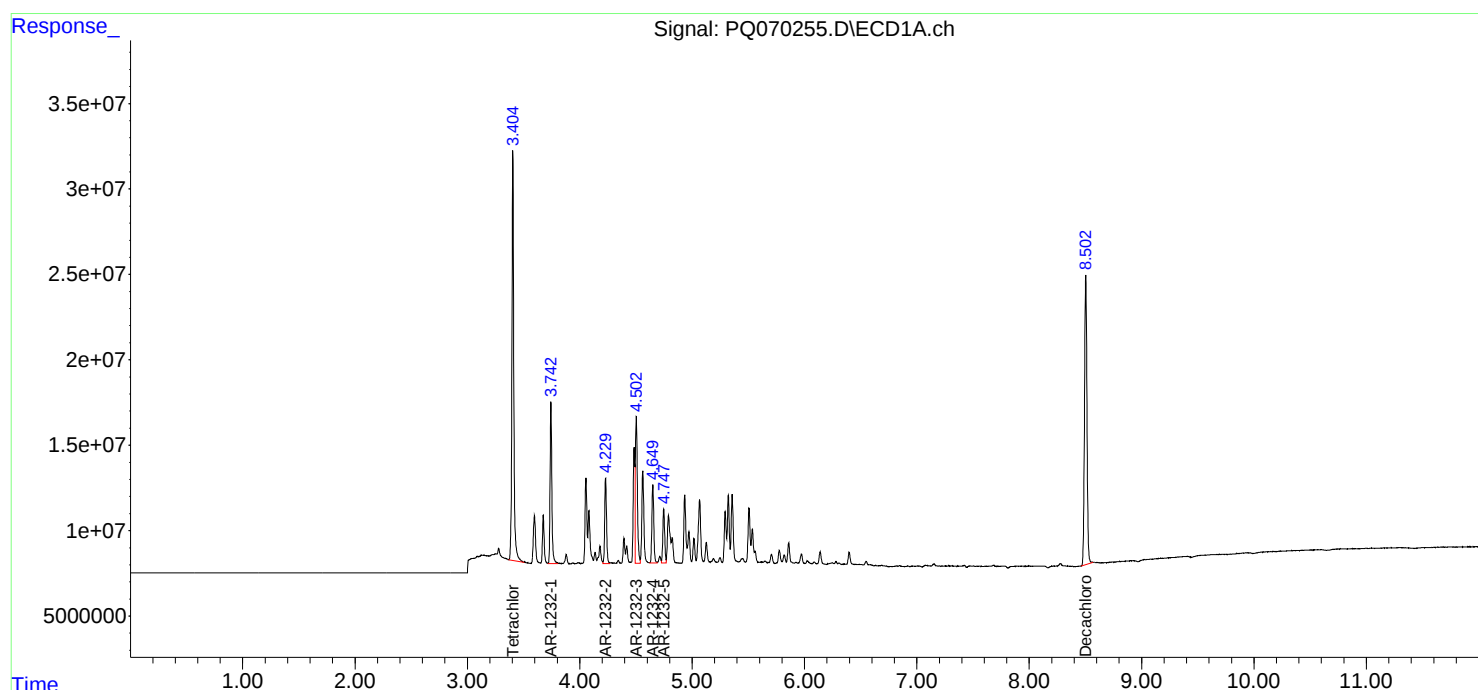
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 12:52
Operator : YP\AJ
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12324040

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 13:10:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 13:07:14 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\PQ050725\
 Data File : PQ070256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 13:06
 Operator : YP\AJ
 Sample : AR1232ICC1600
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12325041

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 13:18:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 13:18:19 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	525.7E6	515.1E6	70.452	70.993
2) SA Decachlor...	8.504	7.545	495.4E6	806.0E6	140.566	135.664
Target Compounds						
11) L3 AR-1232-1	3.743	3.127	196.2E6	211.7E6	1336.050	1329.509
12) L3 AR-1232-2	4.230	3.799	108.0E6	218.6E6	1357.034	1342.622
13) L3 AR-1232-3	4.503	3.960	204.3E6	118.2E6	1381.915	1359.780
14) L3 AR-1232-4	4.650	4.046	104.5E6	99438346	1397.949	1363.522
15) L3 AR-1232-5	4.748	4.204	69748406	111.8E6	1381.941	1345.893

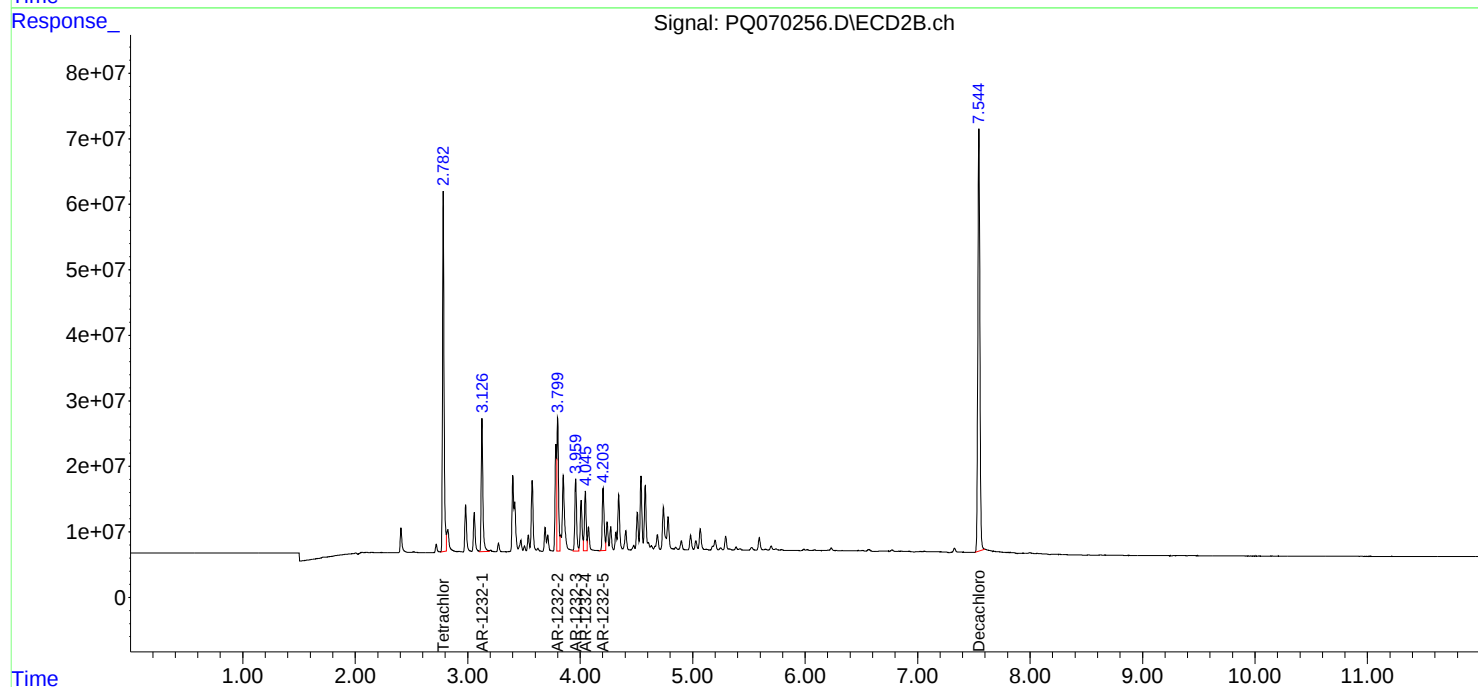
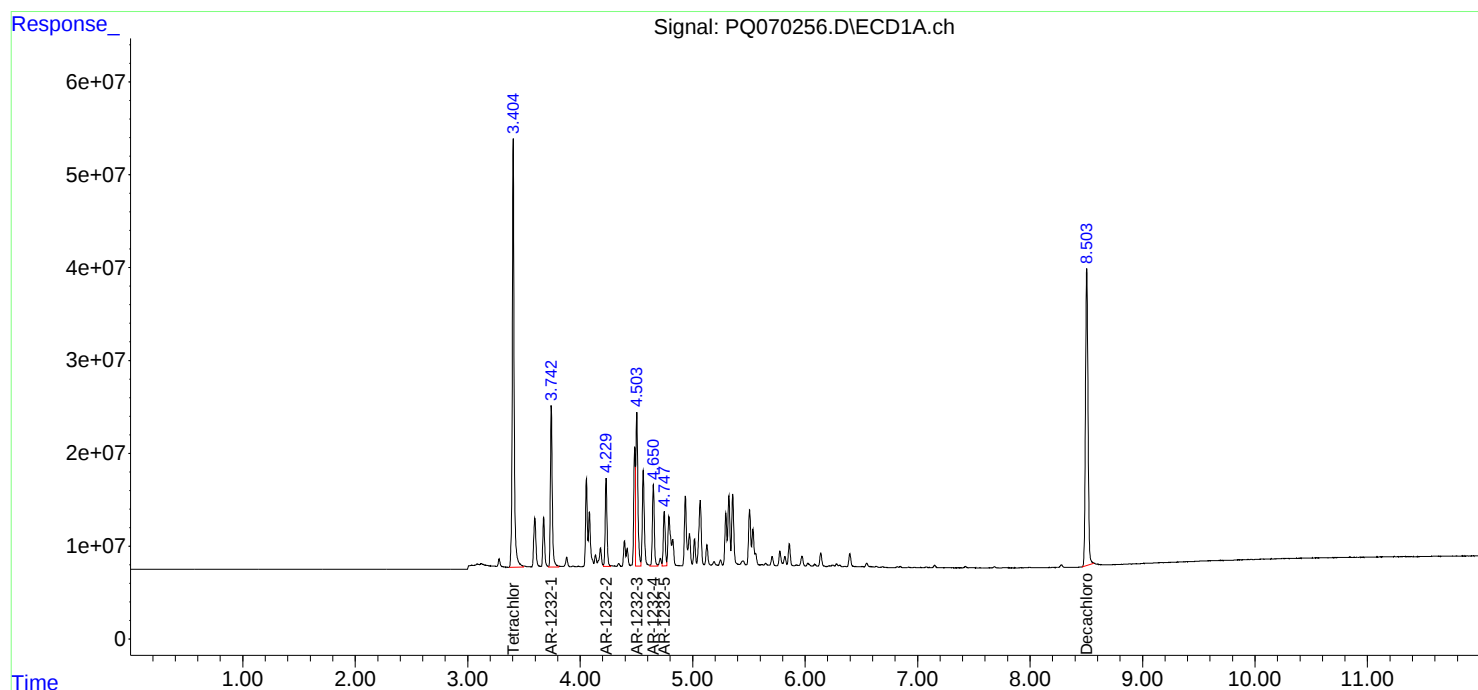
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 13:06
Operator : YP\AJ
Sample : AR1232ICC1600
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12325041

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 13:18:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 13:18:19 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\PQ050725\
 Data File : PQ070257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 13:21
 Operator : YP\AJ
 Sample : AR1242ICC100
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12421042

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 14:12:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 14:06:49 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	2.782	40064165	40244507	5.320	5.270
2) SA Decachlor...	8.501	7.543	39504422	65194548	10.688	10.146m
Target Compounds						
16) L4 AR-1242-1	4.484	3.784	18608637	21284751	103.750	108.024
17) L4 AR-1242-2	4.503	3.799	28783369	32134766	104.323	106.960
18) L4 AR-1242-3	4.561	3.960	18403045	18518310	104.662	109.917
19) L4 AR-1242-4	4.651	4.046	14726357	16811980	104.110	106.839
20) L4 AR-1242-5	5.356	4.540	14678151	22239667	102.305	109.789

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 13:21
Operator : YP\AJ
Sample : AR1242ICC100
Misc :
ALS Vial : 18 Sample Multiplier: 1

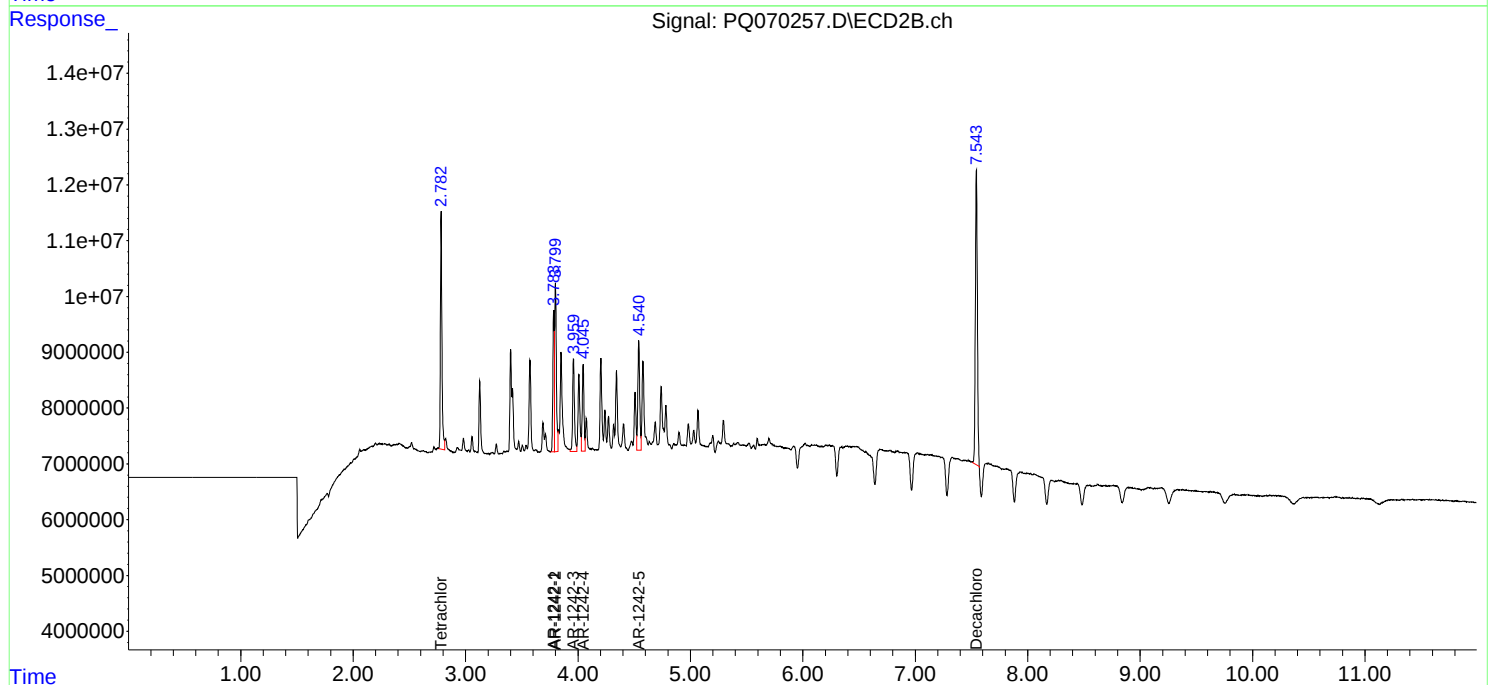
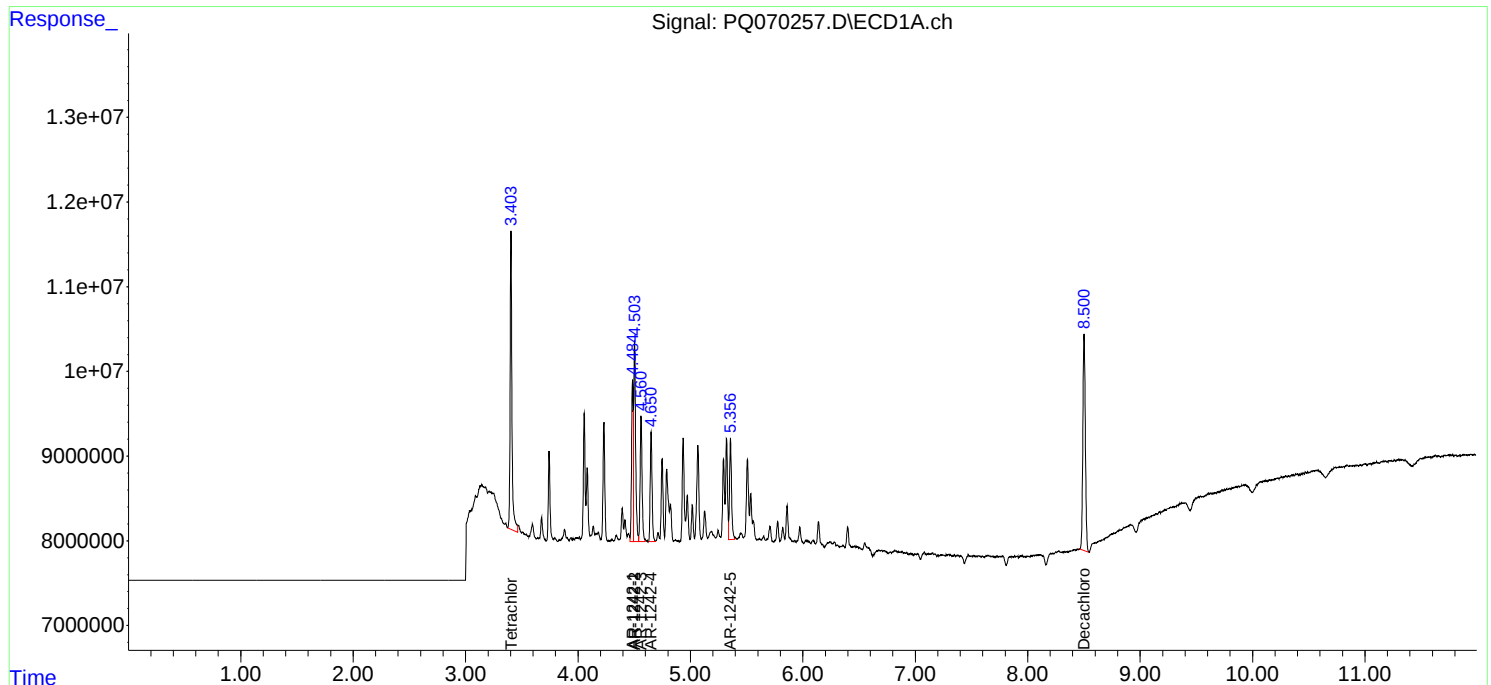
Instrument :
ECD_Q
ClientSampleId :
AR12421042

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 14:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 14:06:49 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\PQ050725\
 Data File : PQ070258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 13:36
 Operator : YP\AJ
 Sample : AR1242ICC200
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12422043

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 14:09:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 14:06:49 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	2.782	74883919	76896362	10.274	10.348
2) SA Decachlor...	8.501	7.545	73479241	123.8E6	20.588	20.758
Target Compounds						
16) L4 AR-1242-1	4.485	3.784	36760724	39324442	208.870	207.921
17) L4 AR-1242-2	4.503	3.800	55716752	60407703	206.404	208.316
18) L4 AR-1242-3	4.561	3.960	35390398	33277481	206.075	207.825
19) L4 AR-1242-4	4.650	4.046	28490682	31737450	205.644	208.831
20) L4 AR-1242-5	5.357	4.541	29030433	40123264	204.697	208.266

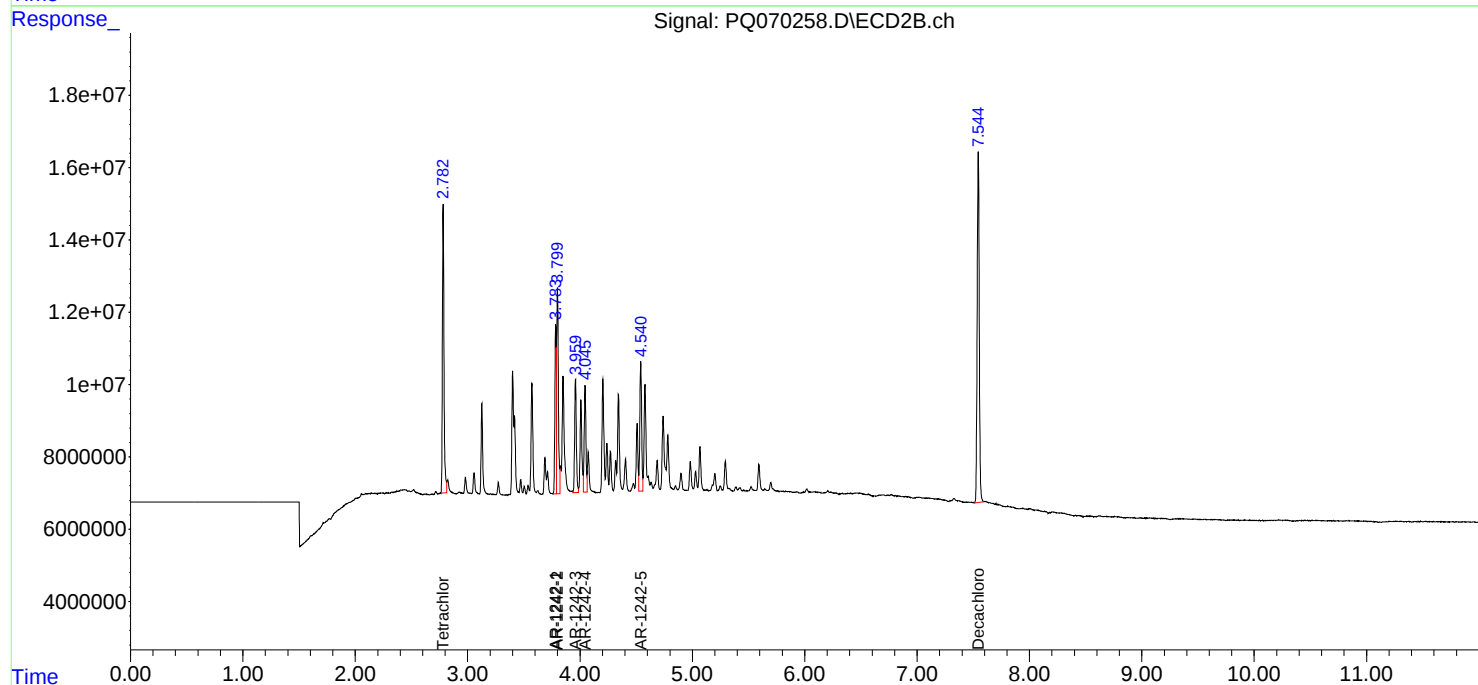
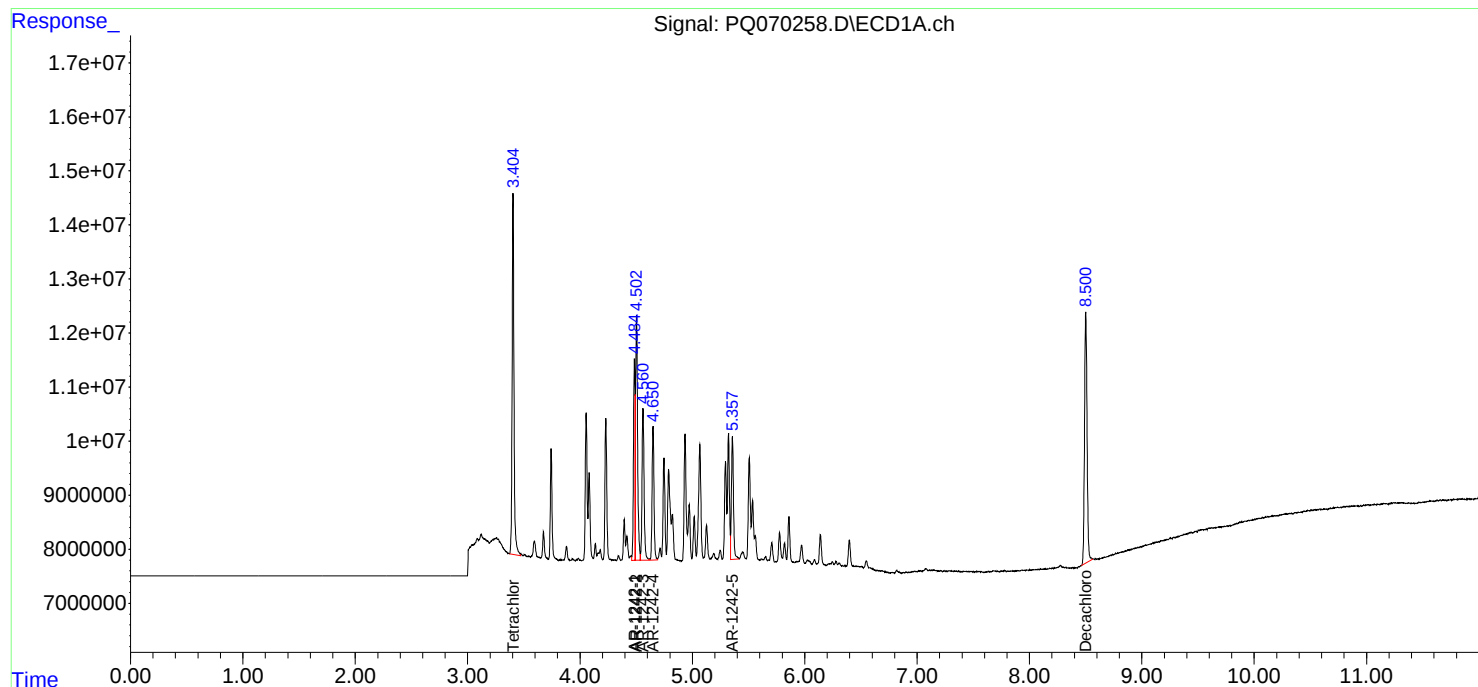
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 13:36
Operator : YP\AJ
Sample : AR1242ICC200
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12422043

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 14:09:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 14:06:49 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\PQ050725\
 Data File : PQ070259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 13:50
 Operator : YP\AJ
 Sample : AR1242ICC400
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12423044

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 14:07:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 14:06:49 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	2.782	141.8E6	143.4E6	20.000	20.000
2) SA Decachlor...	8.502	7.545	138.6E6	229.6E6	40.000	40.000
Target Compounds						
16) L4 AR-1242-1	4.484	3.784	67276936	72656281	400.000	400.000
17) L4 AR-1242-2	4.503	3.800	104.5E6	111.2E6	400.000	400.000
18) L4 AR-1242-3	4.561	3.960	66607563	61543168	400.000	400.000
19) L4 AR-1242-4	4.650	4.045	53853436	58106305	400.000	400.000
20) L4 AR-1242-5	5.357	4.541	55396253	73876647	400.000	400.000

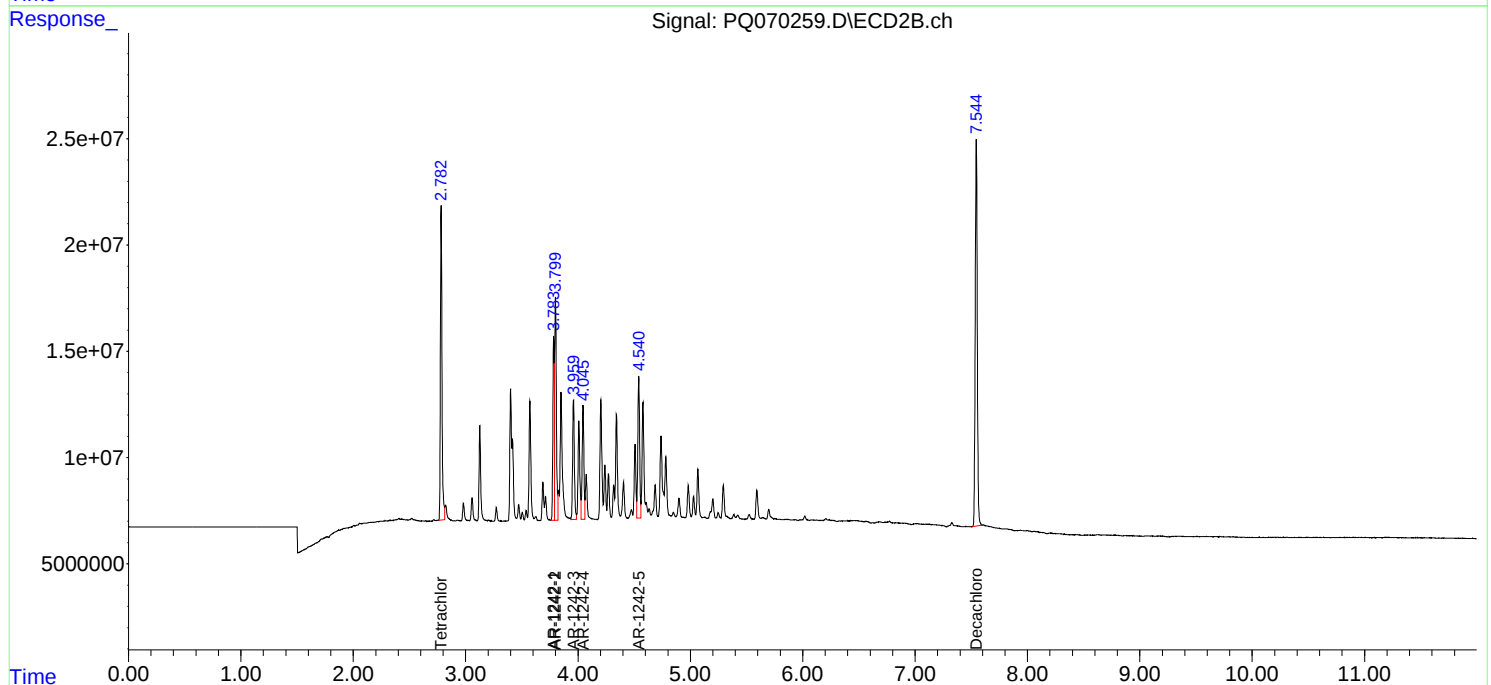
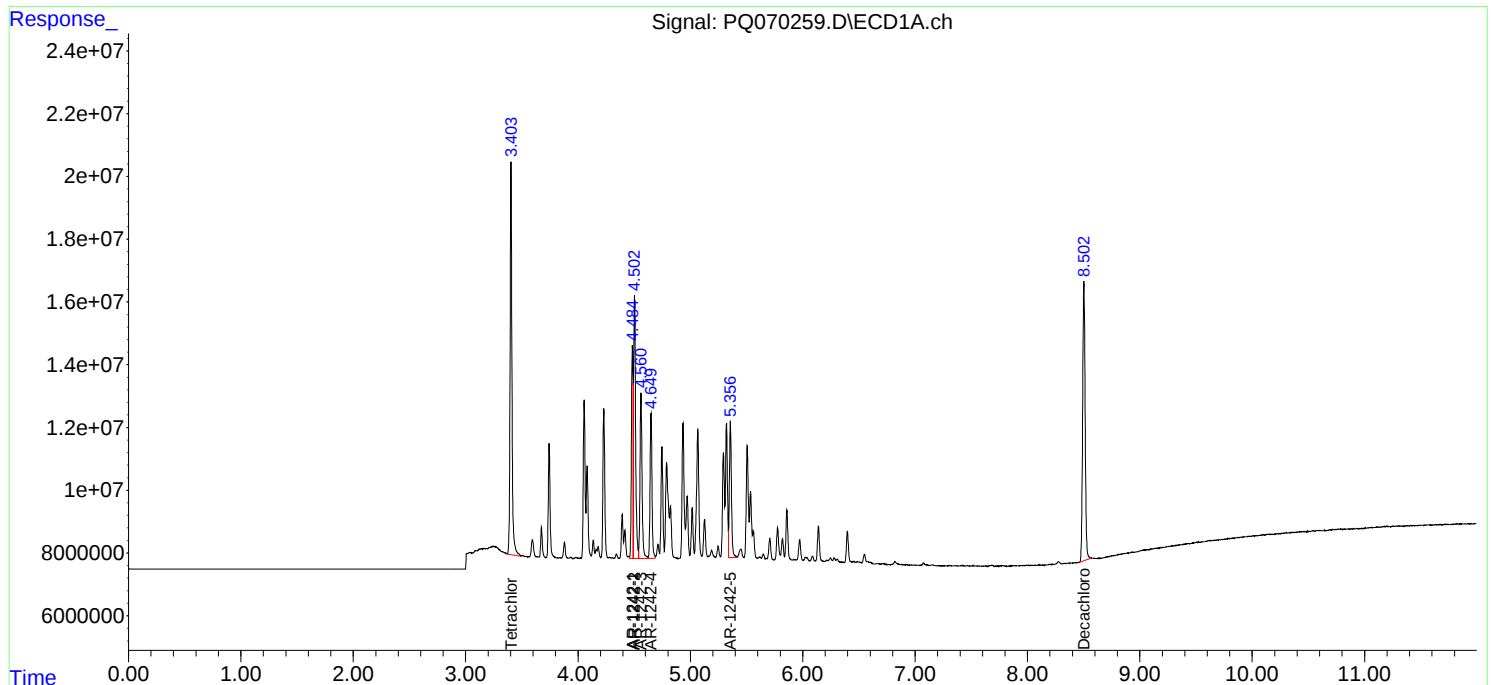
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 13:50
Operator : YP\AJ
Sample : AR1242ICC400
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12423044

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 14:07:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 14:06:49 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\PQ050725\
 Data File : PQ070260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 14:05
 Operator : YP\AJ
 Sample : AR1242ICC800
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12424045

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 14:16:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 14:16:21 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	274.1E6	278.3E6	37.242	37.268
2) SA Decachlor...	8.501	7.544	265.3E6	441.0E6	73.677	73.608
Target Compounds						
16) L4 AR-1242-1	4.484	3.784	125.3E6	137.1E6	721.405	719.314
17) L4 AR-1242-2	4.502	3.799	201.7E6	211.9E6	747.247	726.716
18) L4 AR-1242-3	4.561	3.960	126.2E6	118.8E6	736.496	726.468
19) L4 AR-1242-4	4.650	4.045	103.5E6	110.9E6	747.847	726.415
20) L4 AR-1242-5	5.356	4.541	104.9E6	139.8E6	747.064	714.623

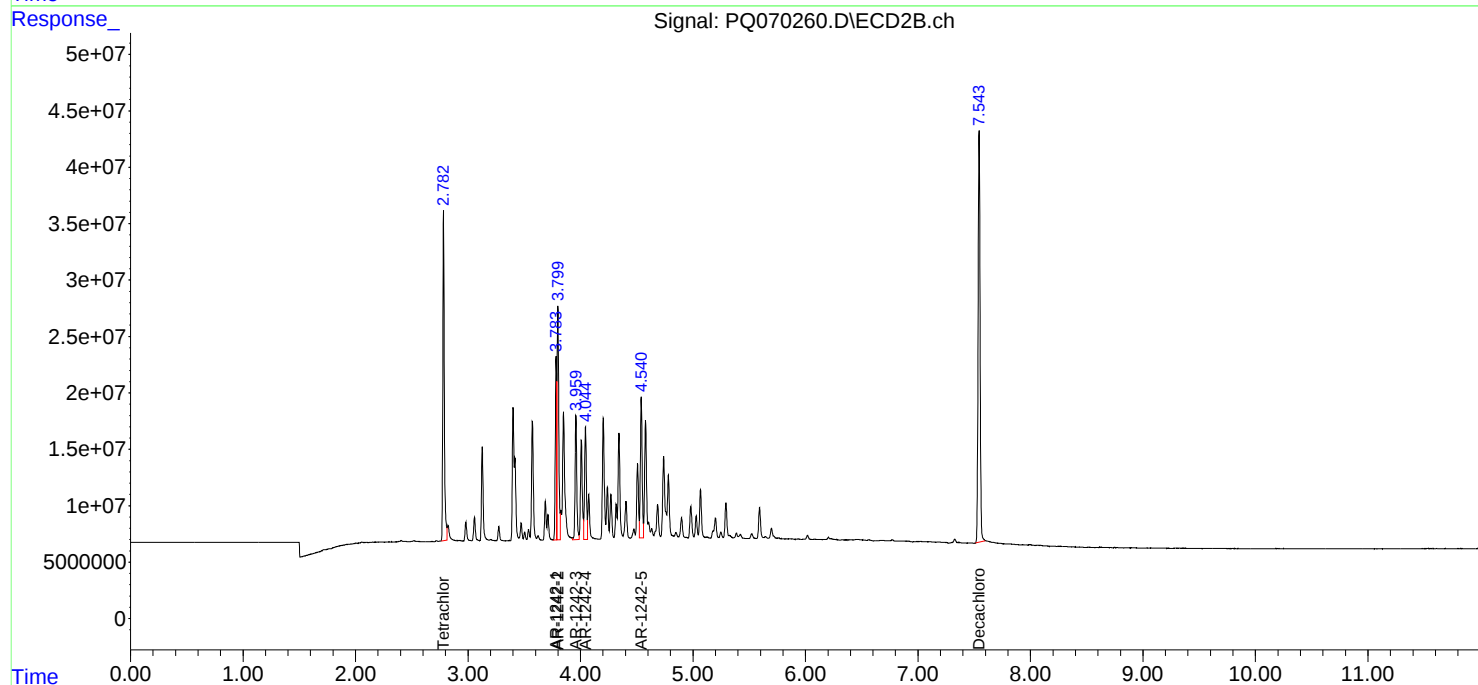
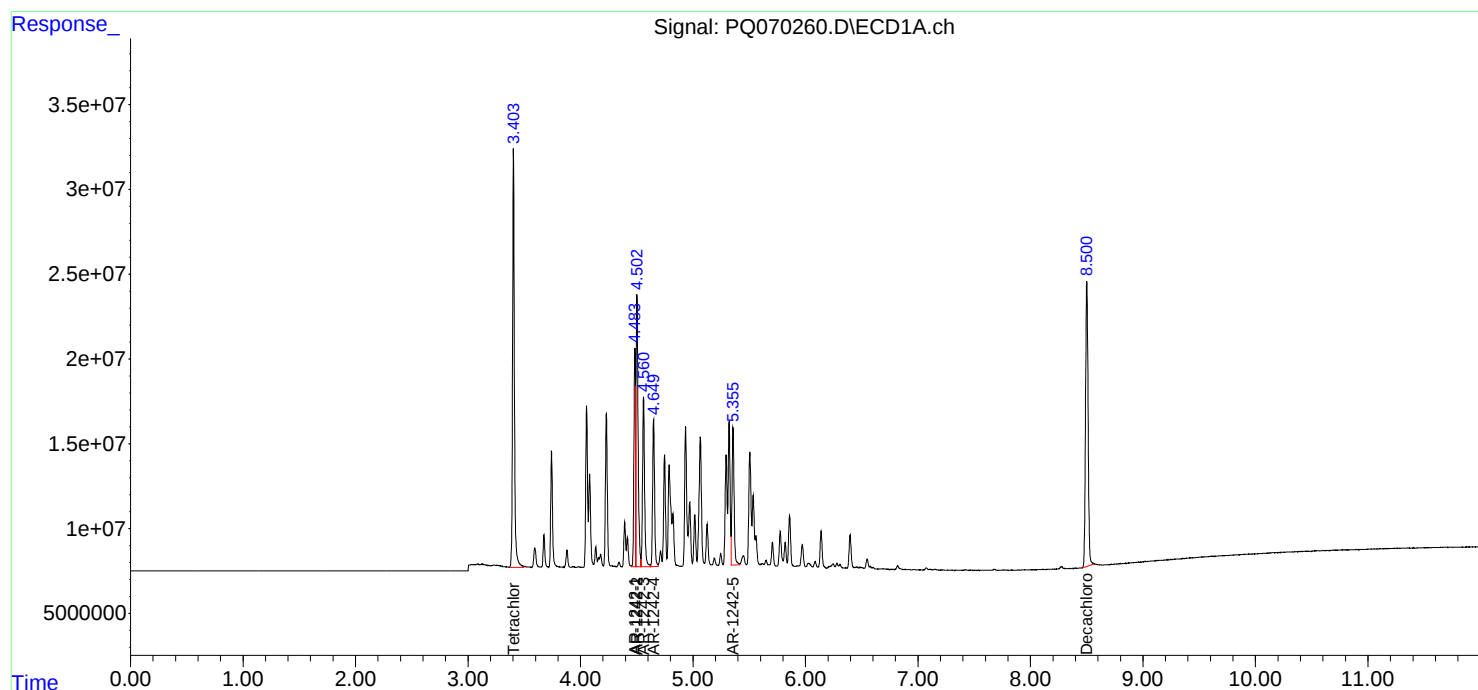
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 14:05
Operator : YP\AJ
Sample : AR1242ICC800
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12424045

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 14:16:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 14:16:21 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\PQ050725\
 Data File : PQ070261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 14:19
 Operator : YP\AJ
 Sample : AR1242ICC1600
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12425046

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 14:31:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 14:30:40 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	516.3E6	522.5E6	71.913	71.777
2) SA Decachlor...	8.503	7.544	500.4E6	818.8E6	142.710	140.787
Target Compounds						
16) L4 AR-1242-1	4.484	3.784	232.7E6	250.4E6	1384.825	1362.427
17) L4 AR-1242-2	4.503	3.800	373.4E6	391.8E6	1421.597	1388.371
18) L4 AR-1242-3	4.561	3.960	233.2E6	214.6E6	1403.007	1361.877
19) L4 AR-1242-4	4.650	4.046	191.3E6	197.2E6	1420.807	1343.315
20) L4 AR-1242-5	5.356	4.540	199.9E6	254.6E6	1455.898	1352.050

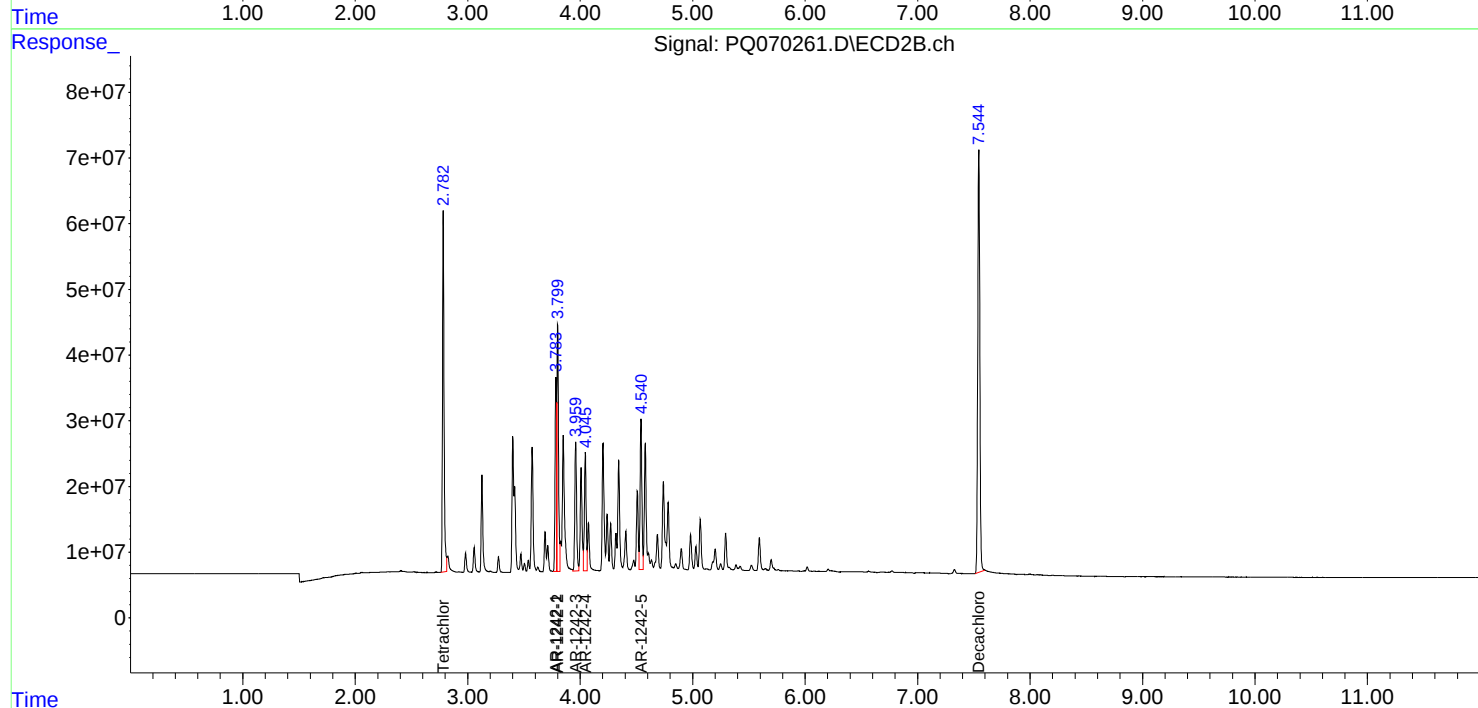
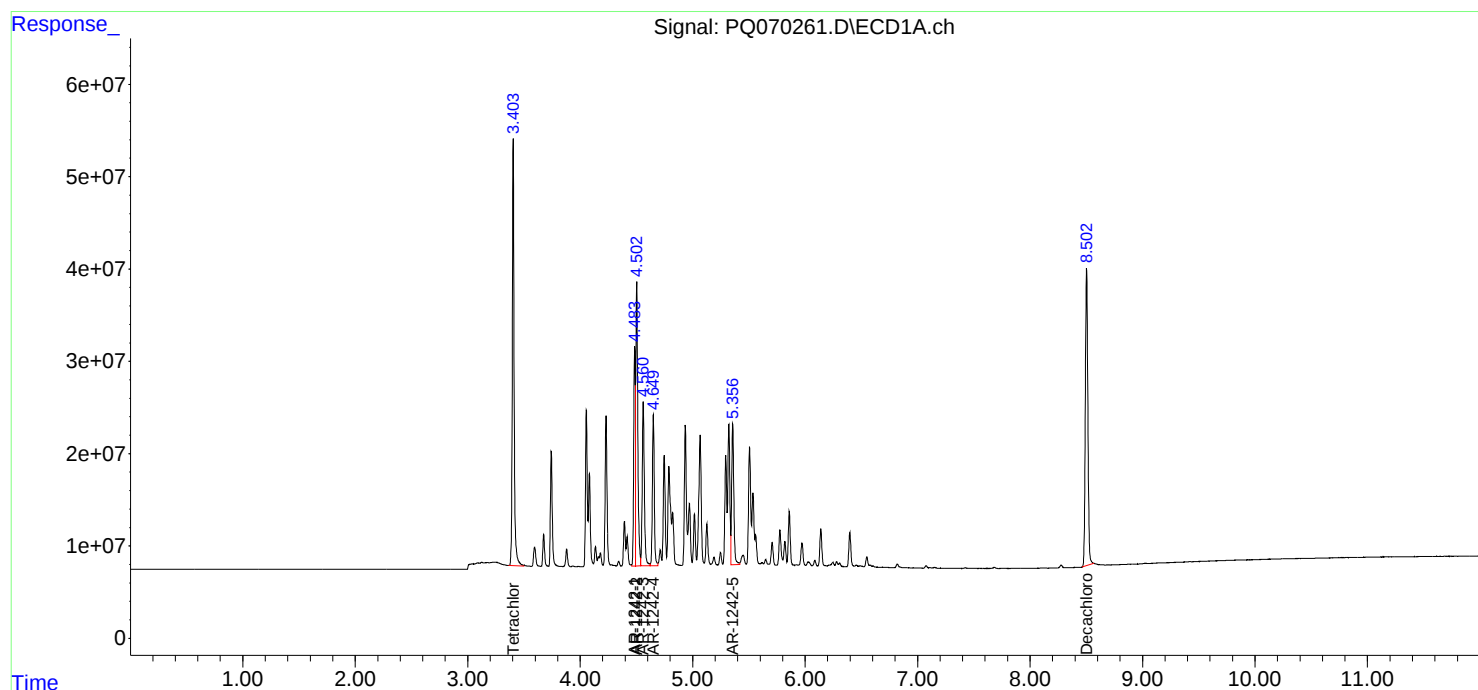
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 14:19
Operator : YP\AJ
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12425046

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 14:31:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 14:30:40 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\PQ050725\
 Data File : PQ070262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 14:34
 Operator : YP\AJ
 Sample : AR1248ICC100
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12481047

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 15:18:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 15:14:10 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	41648285	41298505	5.393	5.160
2) SA Decachlor...	8.503	7.544	40255518	69433374	10.609	10.797
Target Compounds						
21) L5 AR-1248-1	4.484	3.784	15363694	16684469	107.970	106.137
22) L5 AR-1248-2	4.747	4.008	21273761	26739345	106.752	108.212
23) L5 AR-1248-3	4.934	4.046	24880551	25773320	105.123	108.183
24) L5 AR-1248-4	5.322	4.203	26435629	30797417	105.038	106.937
25) L5 AR-1248-5	5.357	4.579	26260685	29820466	105.812	106.895

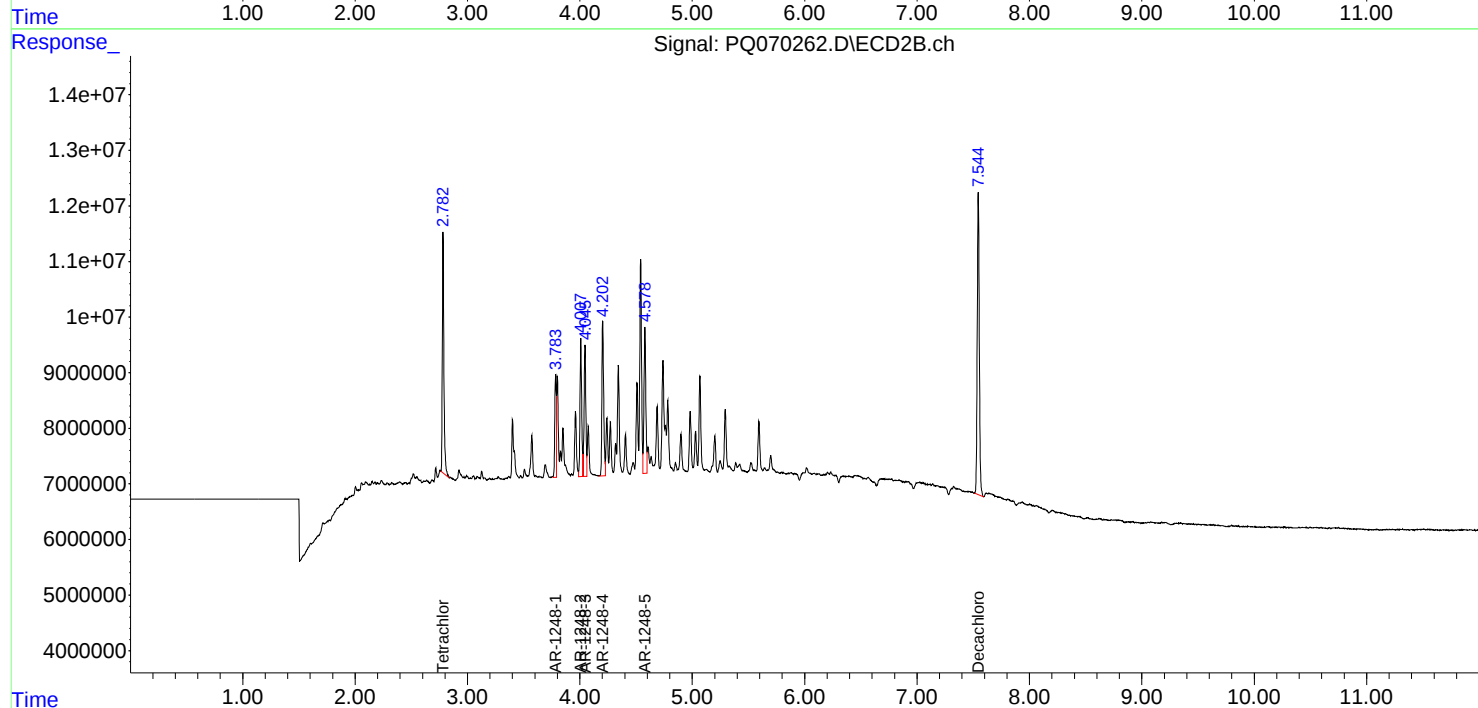
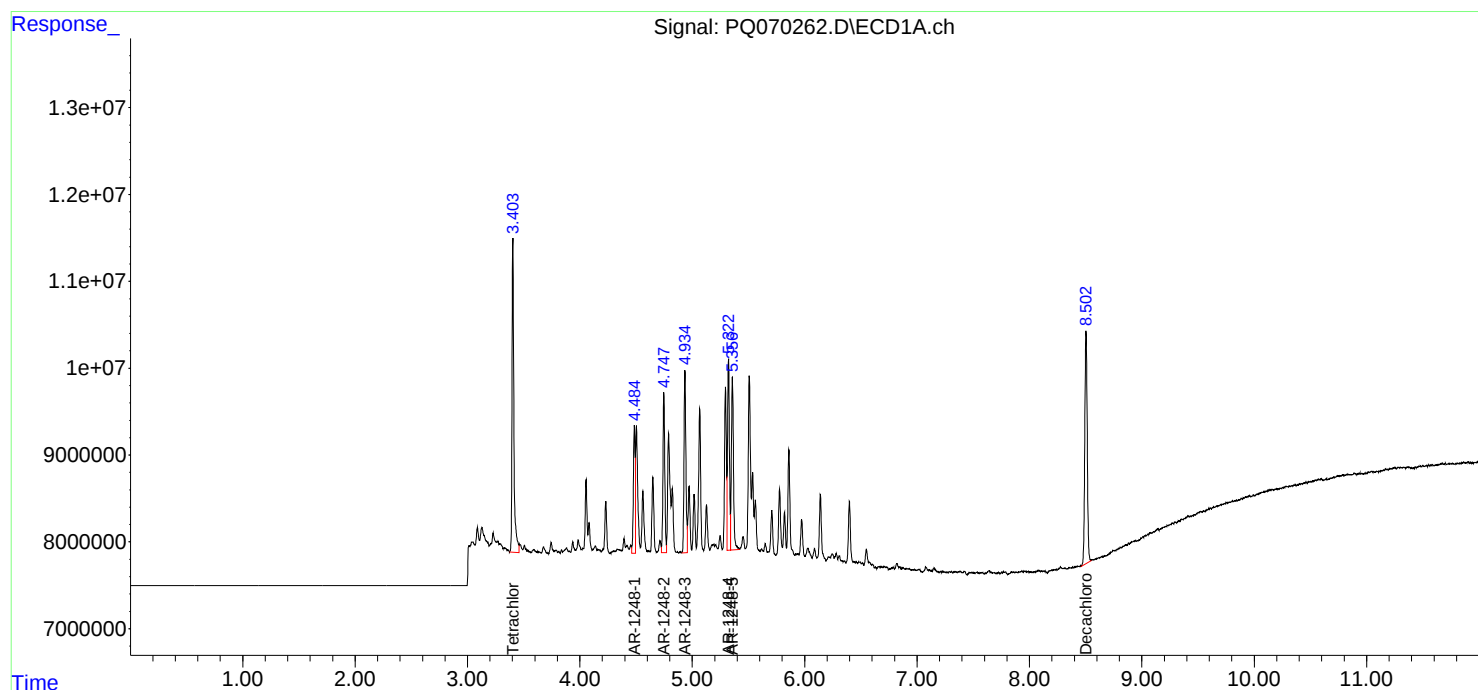
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 14:34
Operator : YP\AJ
Sample : AR1248ICC100
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12481047

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 15:18:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 15:14:10 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\PQ050725\
 Data File : PQ070263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 14:48
 Operator : YP\AJ
 Sample : AR1248ICC200
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12482048

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 15:16:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 15:14:10 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	76842928	80945214	10.357	10.279
2) SA Decachlor...	8.502	7.544	75624884	127.7E6	20.556	20.682
Target Compounds						
21) L5 AR-1248-1	4.484	3.784	28352667	31808389	207.522	208.753
22) L5 AR-1248-2	4.748	4.008	39986391	49416812	207.662	208.548
23) L5 AR-1248-3	4.934	4.045	47759071	47608941	207.091	208.362
24) L5 AR-1248-4	5.323	4.203	50628527	57702997	206.363	207.561
25) L5 AR-1248-5	5.357	4.578	48447653	56135411	201.051	208.408

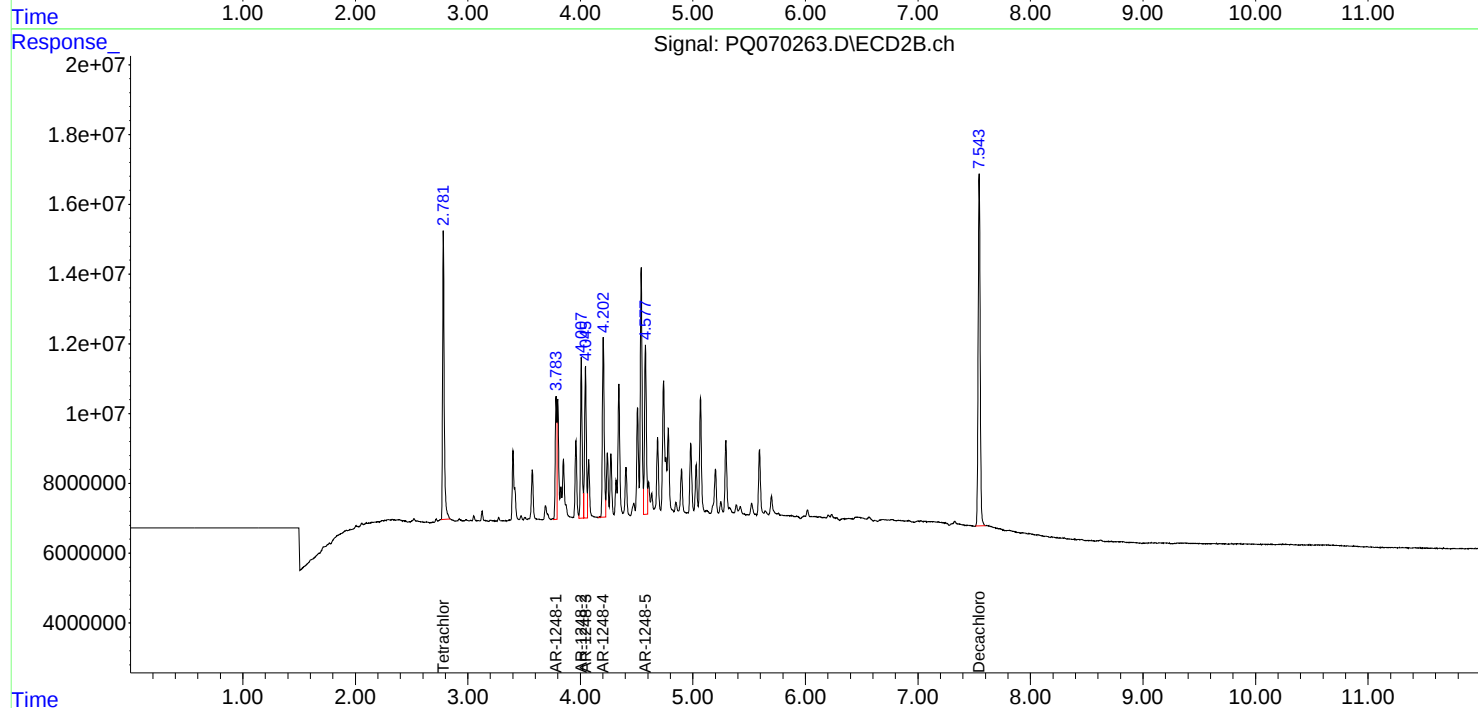
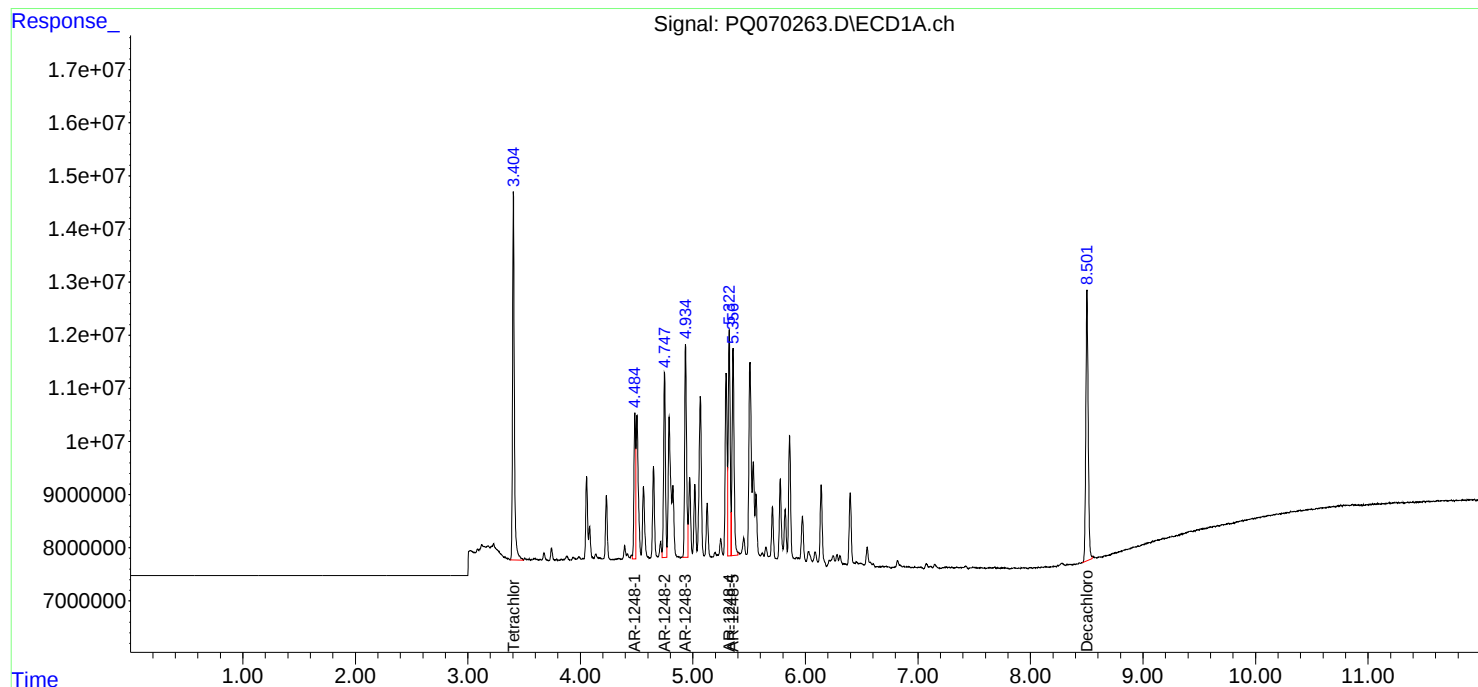
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 14:48
Operator : YP\AJ
Sample : AR1248ICC200
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12482048

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 15:16:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 15:14:10 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\PQ050725\
 Data File : PQ070264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 15:03
 Operator : YP\AJ
 Sample : AR1248ICC400
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12483049

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 15:14:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 15:14:10 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	143.1E6	153.1E6	20.000	20.000
2) SA Decachlor...	8.503	7.544	143.1E6	238.6E6	40.000	40.000
Target Compounds						
21) L5 AR-1248-1	4.484	3.784	52594330	58281912	400.000	400.000
22) L5 AR-1248-2	4.748	4.008	74071170	90731265	400.000	400.000
23) L5 AR-1248-3	4.935	4.045	88976765	87575730	400.000	400.000
24) L5 AR-1248-4	5.322	4.203	95013103	107.0E6	400.000	400.000
25) L5 AR-1248-5	5.358	4.578	95881874	103.2E6	400.000	400.000

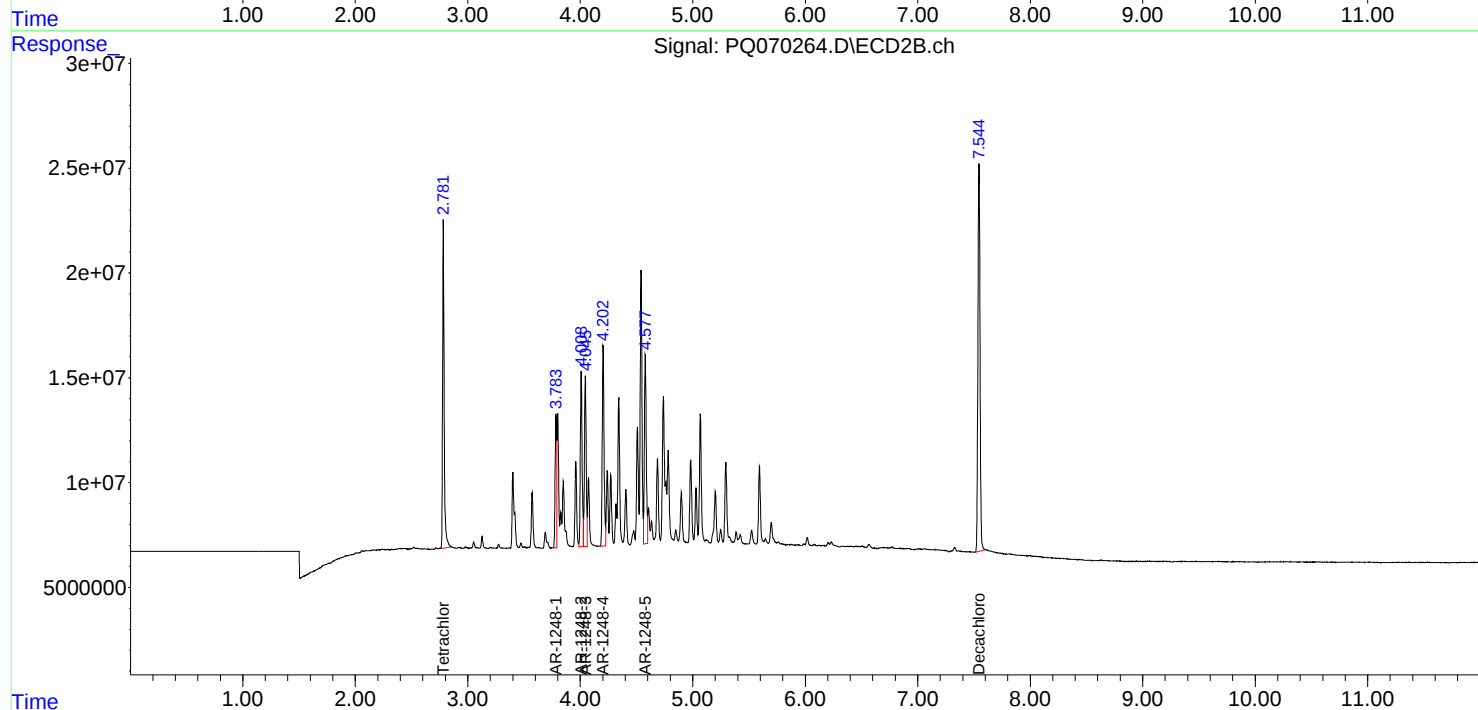
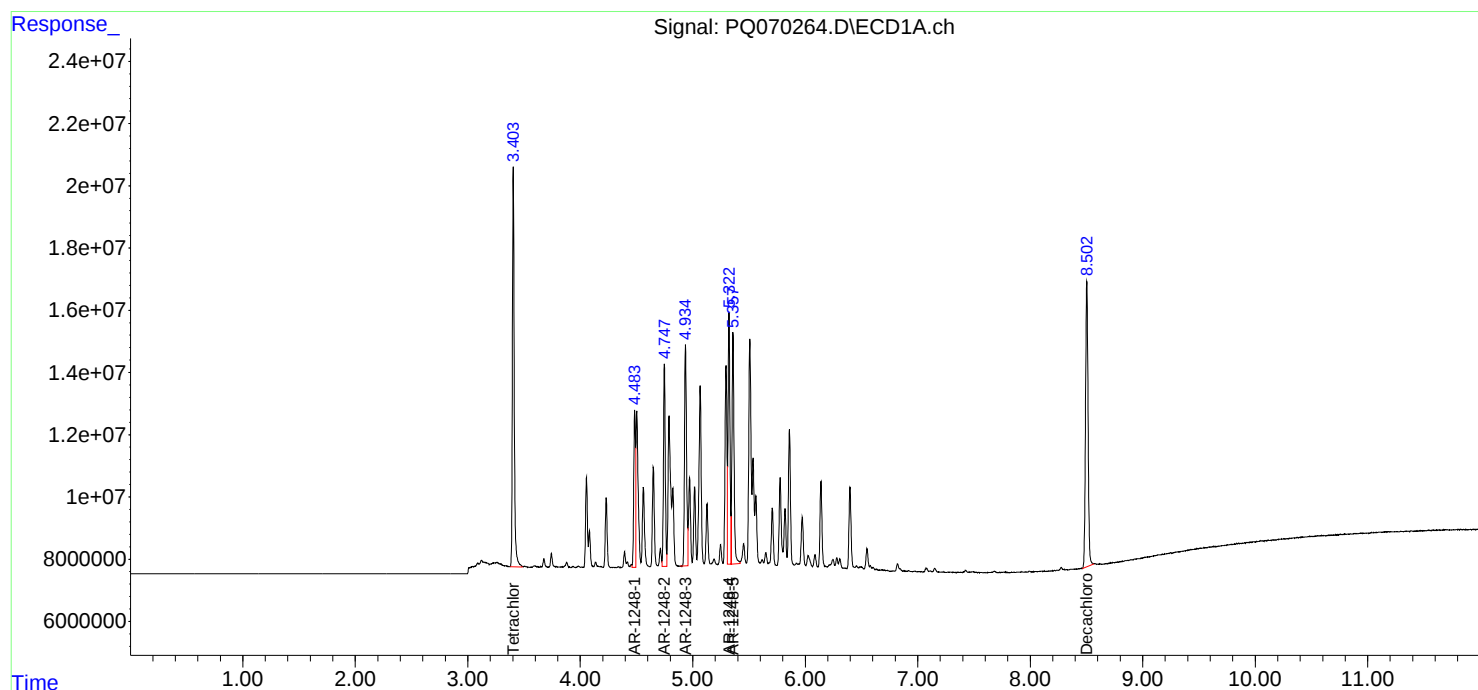
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 15:03
Operator : YP\AJ
Sample : AR1248ICC400
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12483049

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 15:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 15:14:10 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\PQ050725\
 Data File : PQ070265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 15:18
 Operator : YP\AJ
 Sample : AR1248ICC800
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12484050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 15:39:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 15:39:01 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	267.6E6	284.0E6	35.846	36.519
2)	SA Decachlor...	8.503	7.545	264.6E6	444.2E6	72.049	71.508
Target Compounds							
21)	L5 AR-1248-1	4.484	3.783	97223129	103.7E6	709.121	689.960
22)	L5 AR-1248-2	4.747	4.008	134.1E6	162.6E6	700.783	688.487
23)	L5 AR-1248-3	4.935	4.045	161.3E6	157.4E6	707.724	690.755
24)	L5 AR-1248-4	5.321	4.203	174.9E6	192.5E6	718.466	697.099
25)	L5 AR-1248-5	5.357	4.578	176.3E6	187.6E6	730.698	700.250

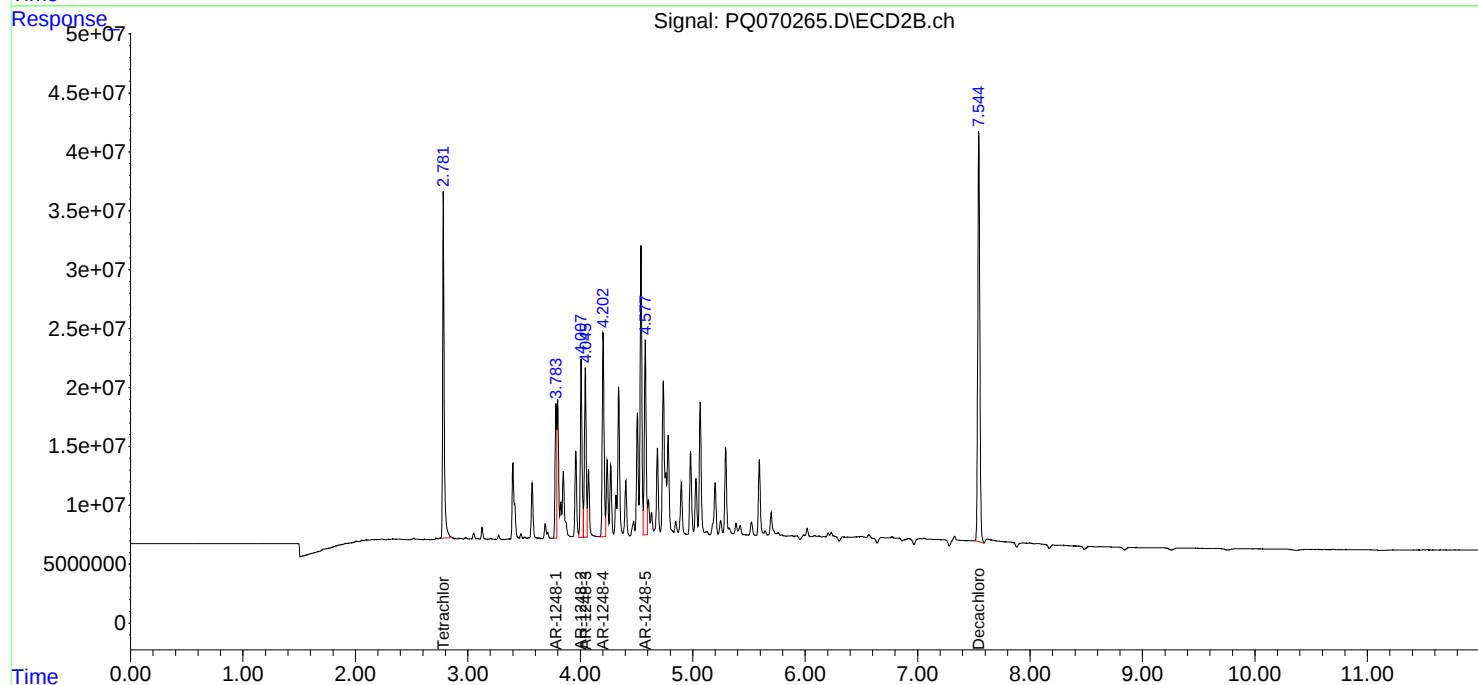
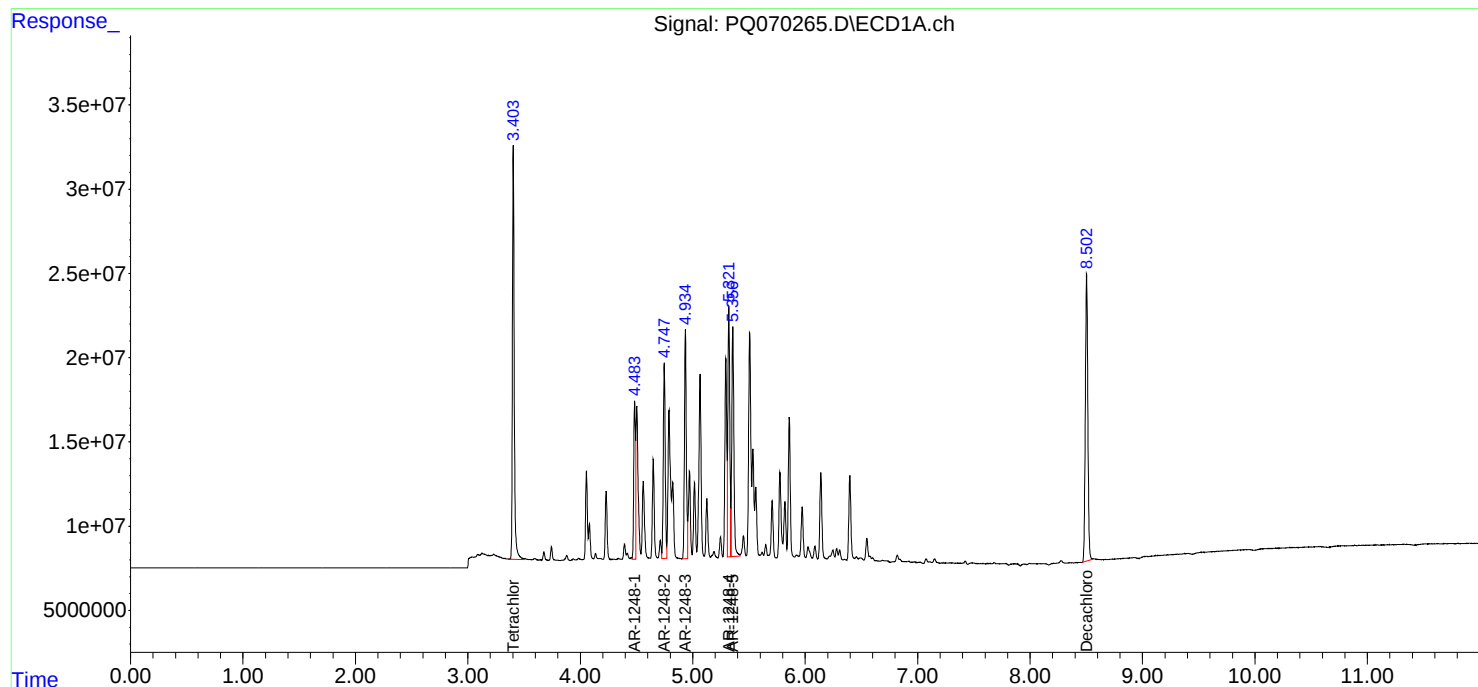
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 15:18
Operator : YP\AJ
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12484050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 15:39:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 15:39:01 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\PQ050725\
 Data File : PQ070266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 15:32
 Operator : YP\AJ
 Sample : AR1248ICC1600
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12485001

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 15:43:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 07 15:43:25 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	512.3E6	540.5E6	70.641	71.366
2)	SA Decachlor...	8.503	7.544	501.1E6	824.7E6	140.578	137.455
Target Compounds							
21)	L5 AR-1248-1	4.484	3.784	177.4E6	194.1E6	1345.512	1343.034
22)	L5 AR-1248-2	4.747	4.008	248.0E6	296.9E6	1346.983	1313.537
23)	L5 AR-1248-3	4.935	4.045	300.2E6	290.2E6	1365.476	1327.793
24)	L5 AR-1248-4	5.322	4.203	331.1E6	358.4E6	1402.308	1348.730
25)	L5 AR-1248-5	5.357	4.579	335.1E6	352.2E6	1426.939	1363.698

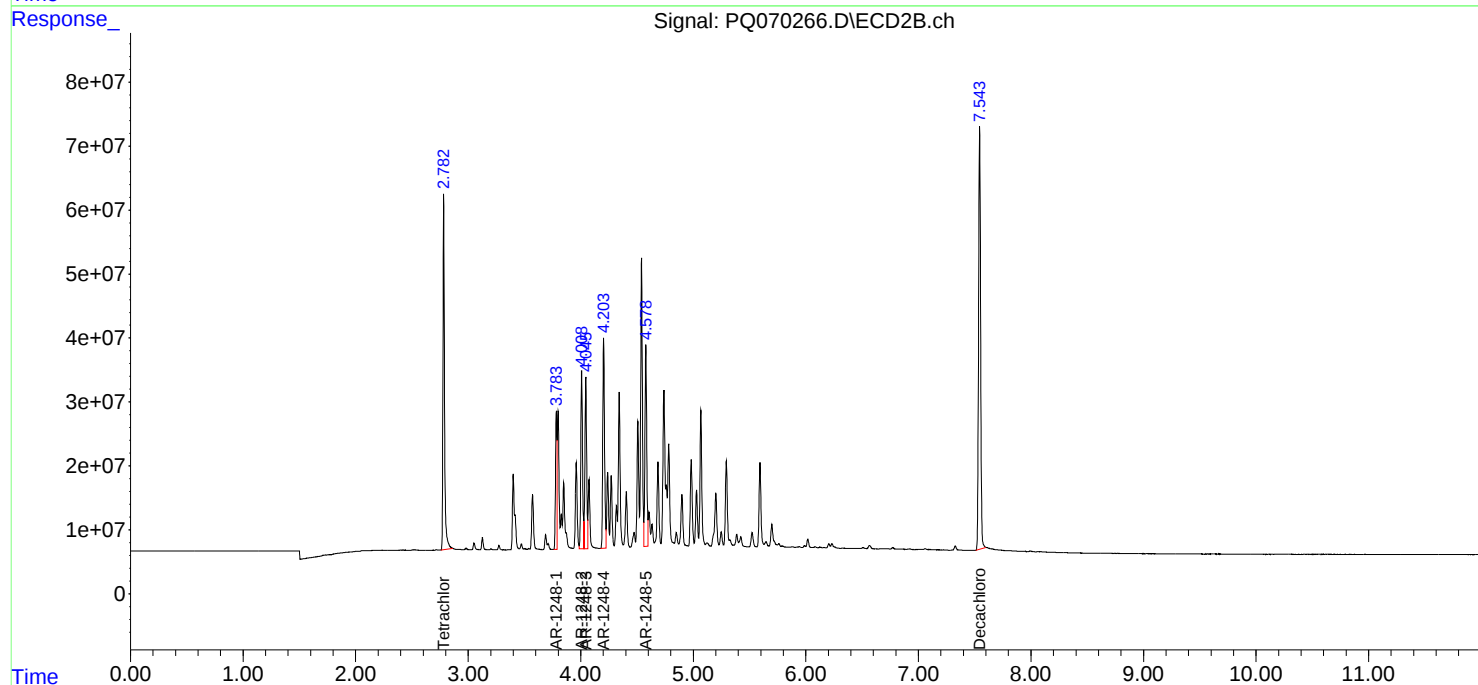
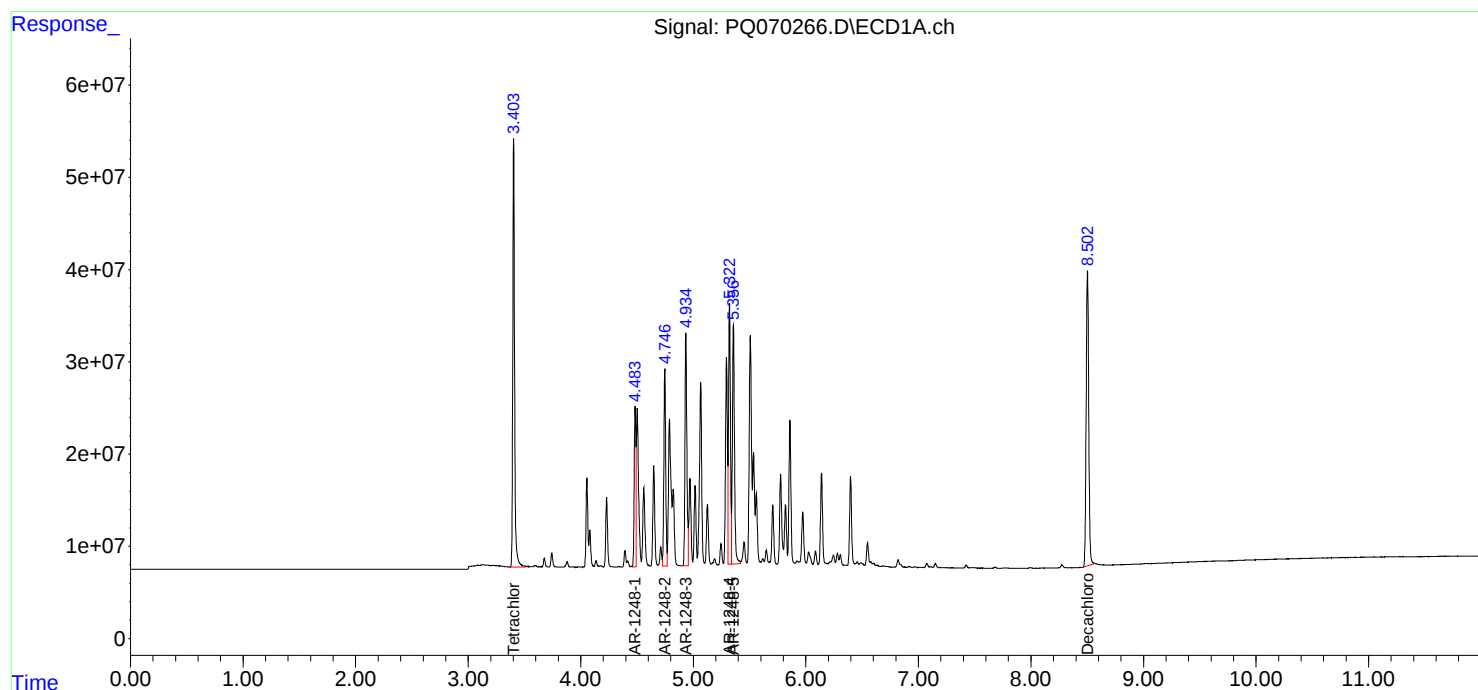
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 15:32
Operator : YP\AJ
Sample : AR1248ICC1600
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12485001

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 15:43:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 07 15:43:25 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\PQ050725\
 Data File : PQ070267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 15:47
 Operator : YP\AJ
 Sample : AR1254ICC100
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12541002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:46:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:41:33 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	40033740	43047872	5.651	5.755
2) SA Decachlor...	8.504	7.545	39456989	68330183	11.186	11.647
Target Compounds						
26) L6 AR-1254-1	5.297	4.540	29251692	46526421	118.939	119.831
27) L6 AR-1254-2	5.511	4.687	44021897	41740421	117.402	121.539
28) L6 AR-1254-3	5.859	5.068	45237639	64556534	113.881	117.252
29) L6 AR-1254-4	6.139	5.294	30843353	37721072	113.211	116.175
30) L6 AR-1254-5	6.549	5.699	35101983	58156759	111.551	114.428

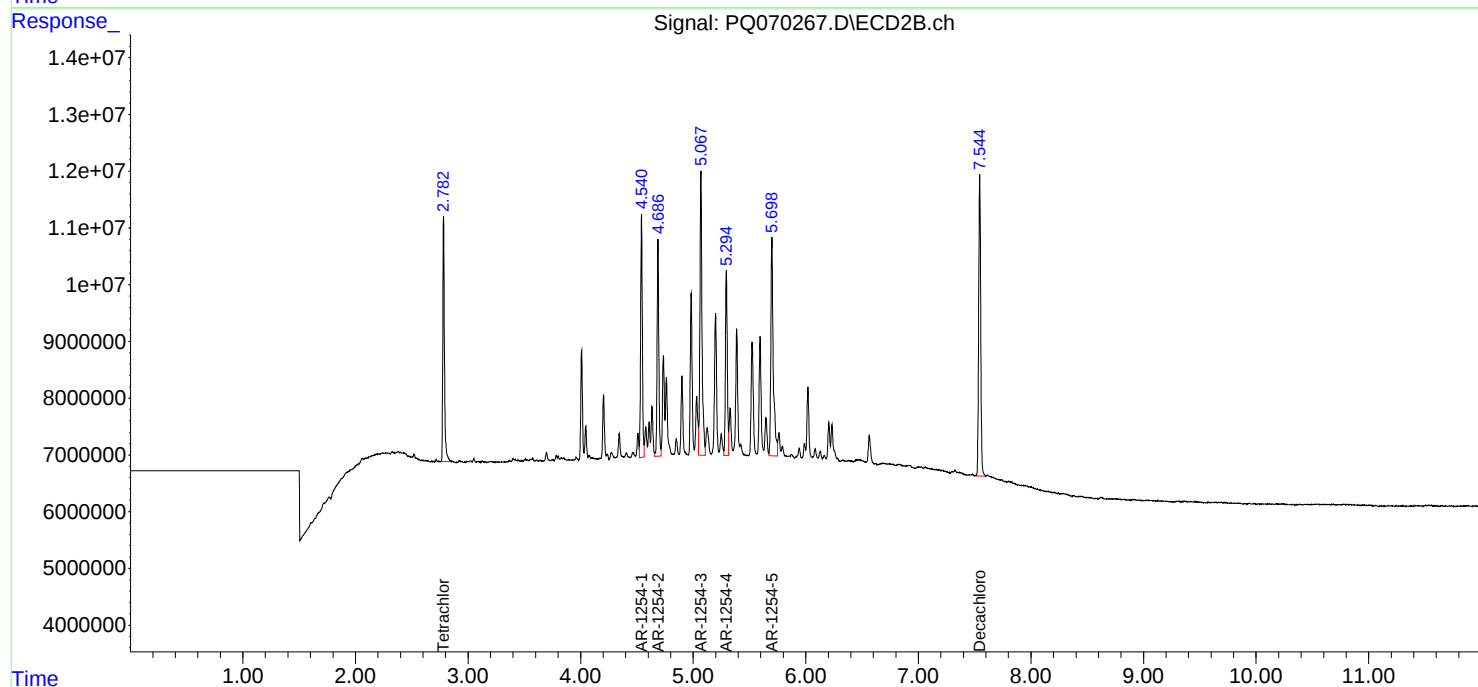
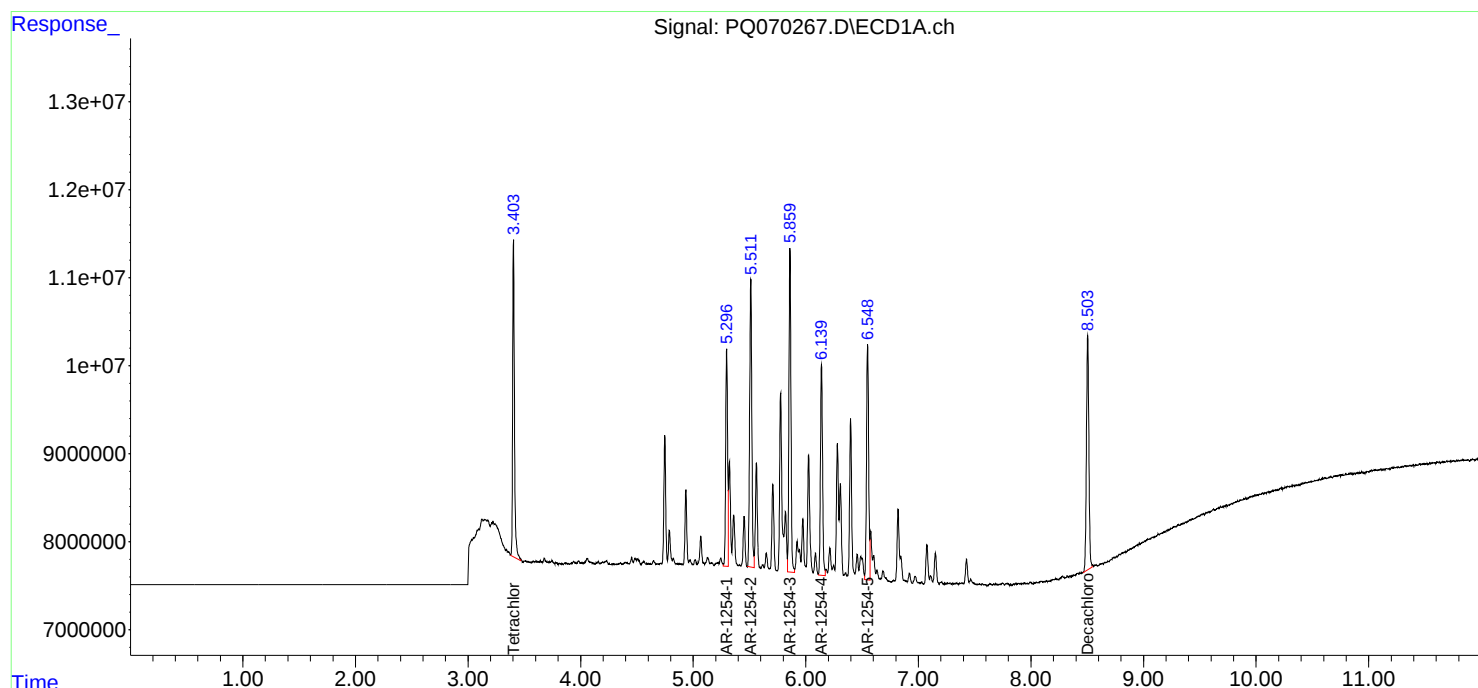
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 15:47
Operator : YP\AJ
Sample : AR1254ICC100
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12541002

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:41:33 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\PQ050725\
 Data File : PQ070268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 16:01
 Operator : YP\AJ
 Sample : AR1254ICC200
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12542003

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:46:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:41:33 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	77237194	78689684	10.902	10.519
2) SA Decachlor...	8.504	7.545	75507073	126.2E6	21.407	21.516
Target Compounds						
26) L6 AR-1254-1	5.297	4.540	53091250	84243648	215.872	216.973
27) L6 AR-1254-2	5.511	4.686	80300262	75755004	214.153	220.583
28) L6 AR-1254-3	5.859	5.067	85249418	118.0E6	214.606	214.236
29) L6 AR-1254-4	6.139	5.293	58316883	69056023	214.053	212.681
30) L6 AR-1254-5	6.548	5.698	67193352	109.1E6	213.534	214.694

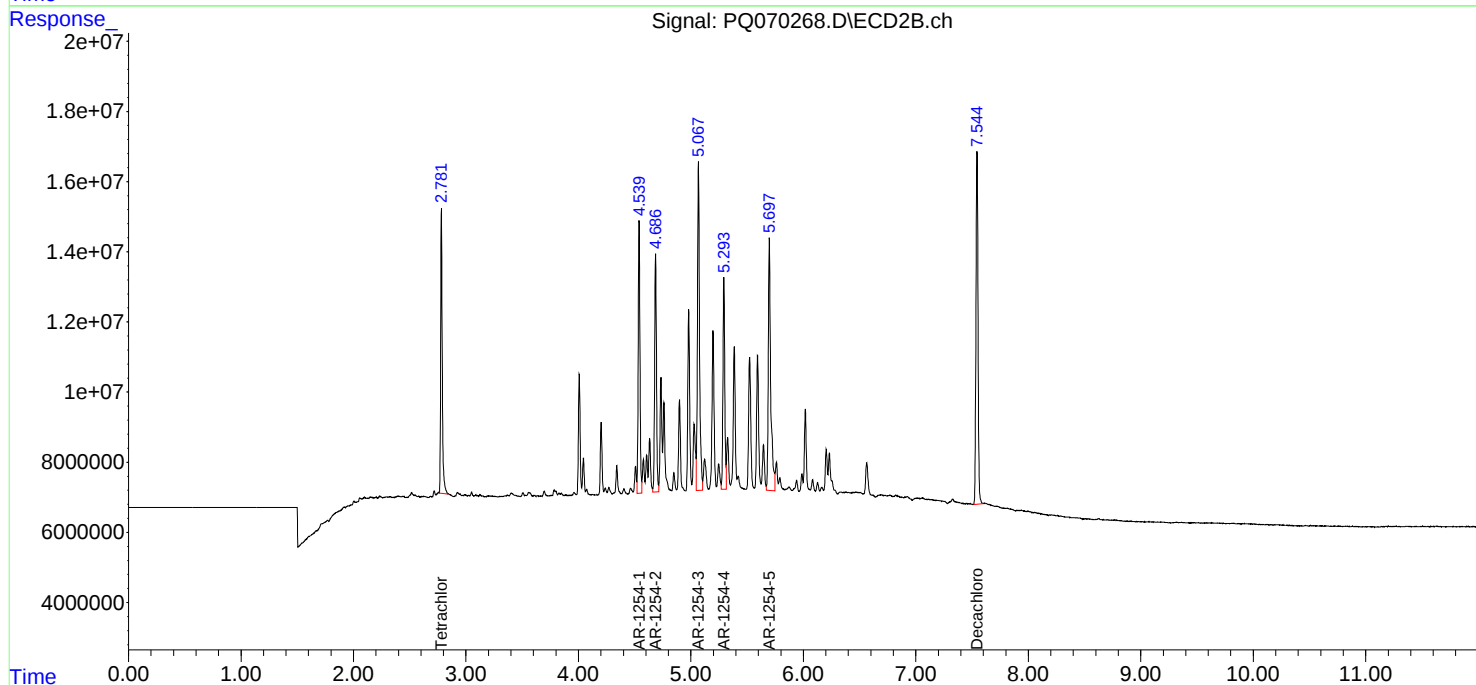
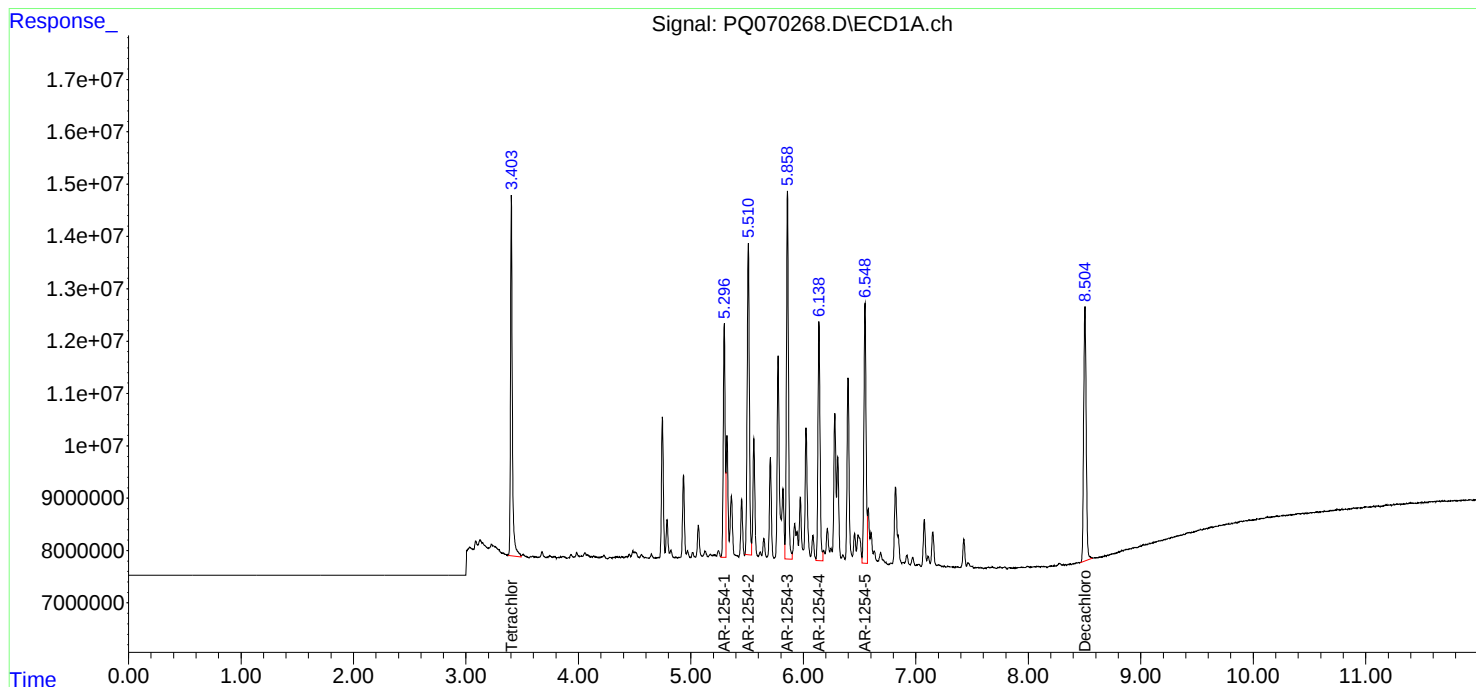
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 16:01
Operator : YP\AJ
Sample : AR1254ICC200
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12542003

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:46:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:41:33 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\PQ050725\
 Data File : PQ070269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 16:16
 Operator : YP\AJ
 Sample : AR1254ICC400
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543004

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:46:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:41:33 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	141.7E6	149.6E6	20.000	20.000
2) SA Decachlor...	8.503	7.545	141.1E6	234.7E6	40.000	40.000
Target Compounds						
26) L6 AR-1254-1	5.297	4.540	98375264	155.3E6	400.000	400.000
27) L6 AR-1254-2	5.511	4.687	150.0E6	137.4E6	400.000	400.000
28) L6 AR-1254-3	5.859	5.067	158.9E6	220.2E6	400.000	400.000
29) L6 AR-1254-4	6.140	5.294	109.0E6	129.9E6	400.000	400.000
30) L6 AR-1254-5	6.548	5.698	125.9E6	203.3E6	400.000	400.000

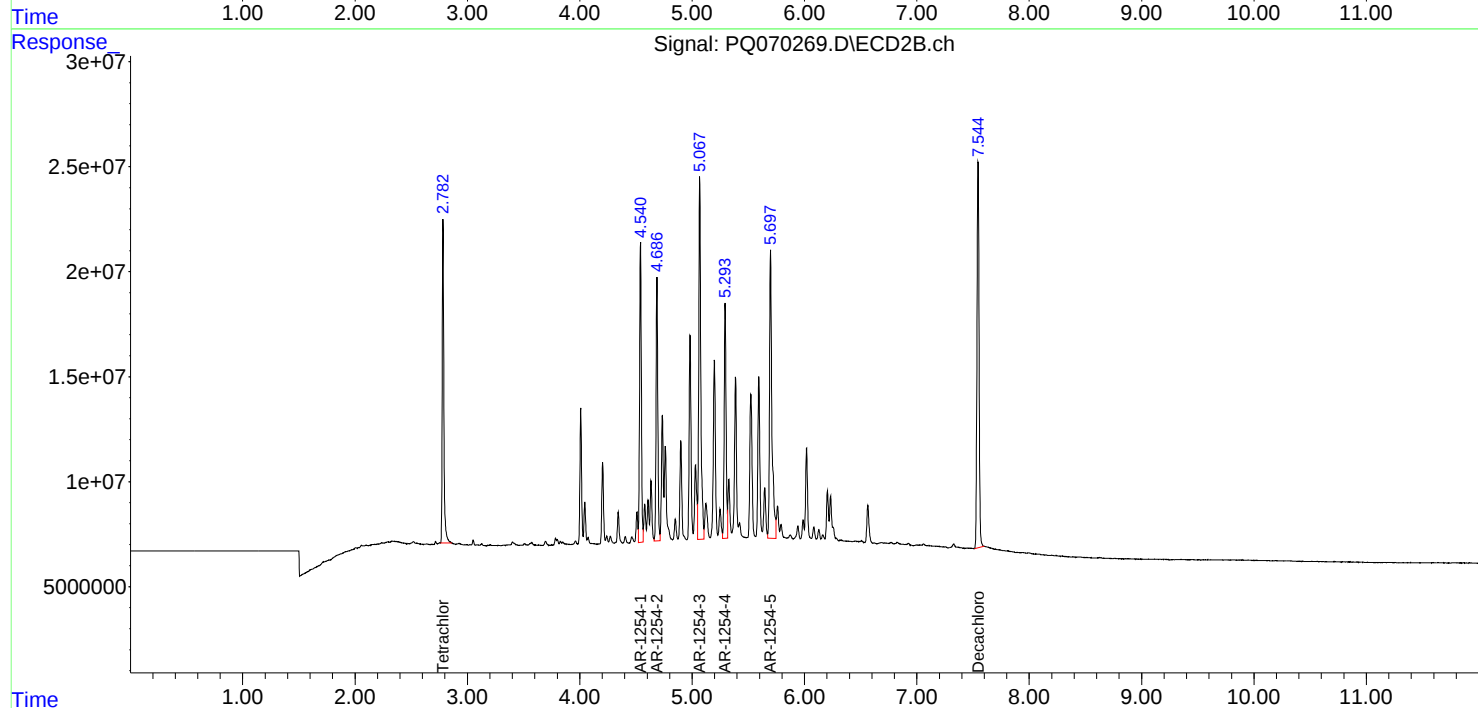
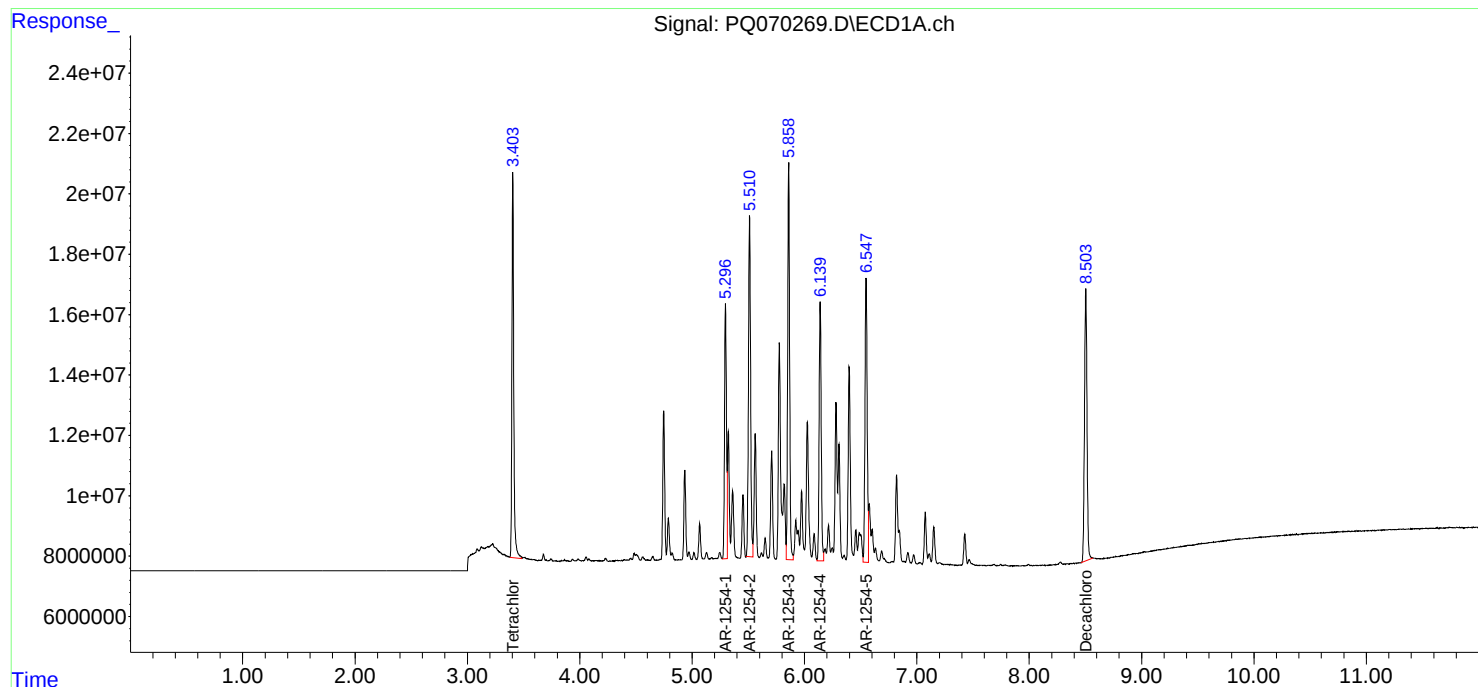
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 16:16
Operator : YP\AJ
Sample : AR1254ICC400
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12543004

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:41:33 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\PQ050725\
 Data File : PQ070270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 16:31
 Operator : YP\AJ
 Sample : AR1254ICC800
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12544005

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:46:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:41:33 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	268.2E6	281.4E6	37.854	37.619
2) SA Decachlor...	8.504	7.544	264.1E6	439.2E6	74.885	74.858
Target Compounds						
26) L6 AR-1254-1	5.297	4.540	183.0E6	287.2E6	744.075	739.751
27) L6 AR-1254-2	5.511	4.687	278.7E6	253.5E6	743.205	738.152
28) L6 AR-1254-3	5.859	5.068	299.7E6	410.3E6	754.496	745.225
29) L6 AR-1254-4	6.140	5.294	207.4E6	243.0E6	761.351	748.484
30) L6 AR-1254-5	6.549	5.698	238.9E6	380.5E6	759.223	748.569

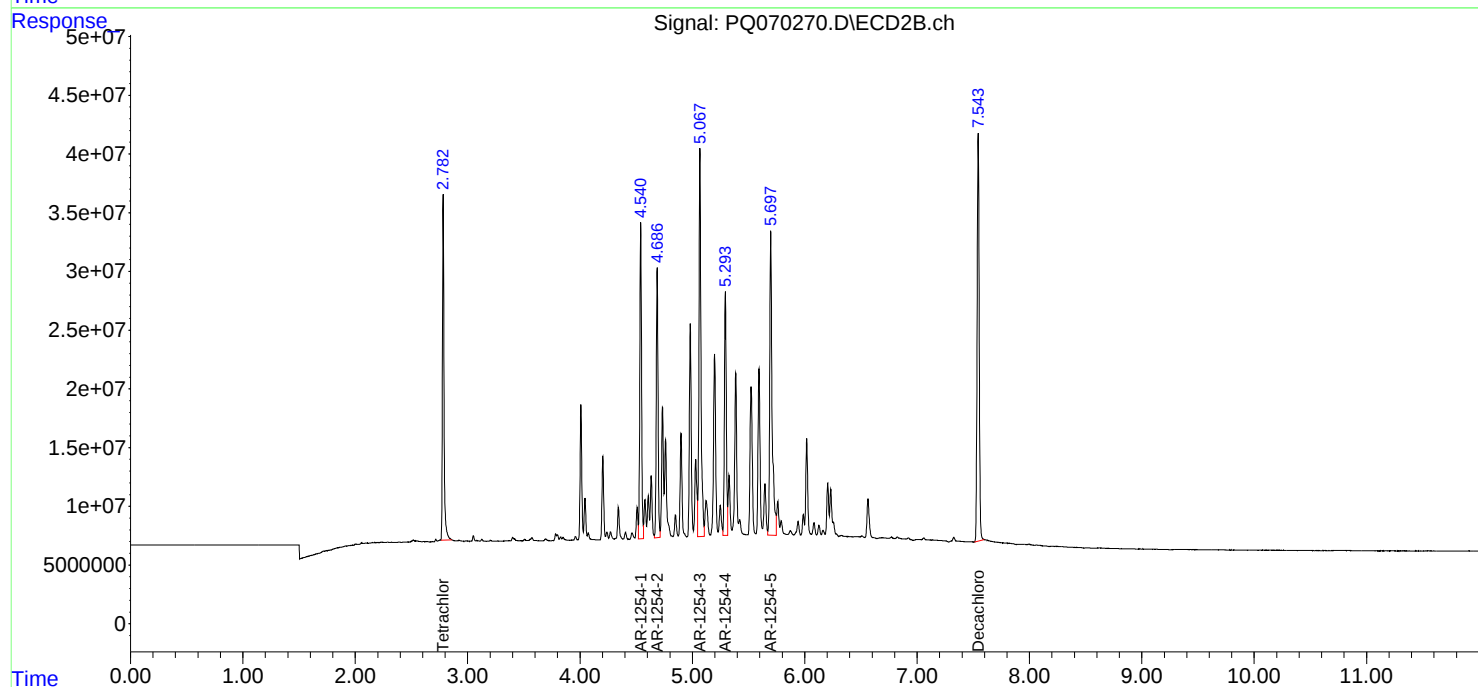
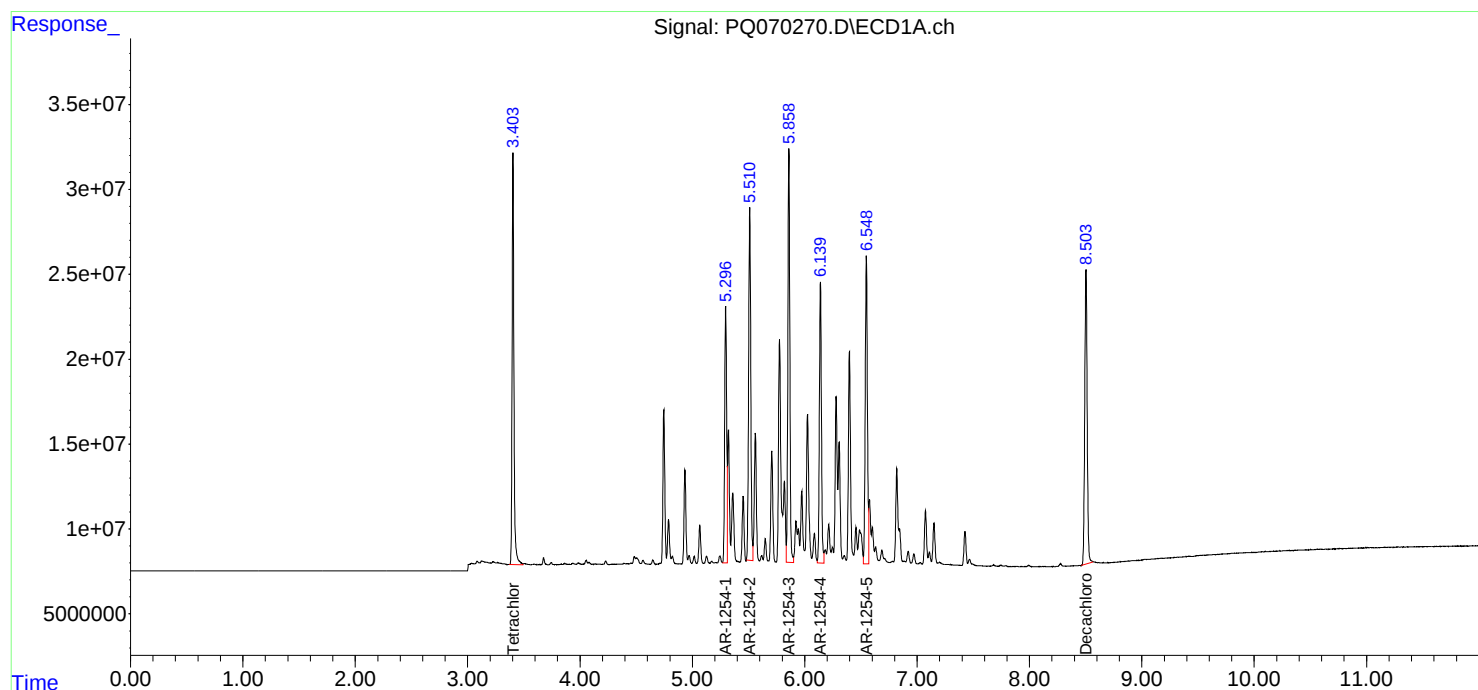
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 16:31
Operator : YP\AJ
Sample : AR1254ICC800
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12544005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:46:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:41:33 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\PQ050725\
 Data File : PQ070271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 16:45
 Operator : YP\AJ
 Sample : AR1254ICC1600
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12545006

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:47:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:41:33 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	504.1E6	525.3E6	71.150	70.215
2) SA Decachlor...	8.503	7.544	494.8E6	810.3E6	140.276	138.114
Target Compounds						
26) L6 AR-1254-1	5.297	4.540	336.2E6	521.6E6	1367.194	1343.281
27) L6 AR-1254-2	5.511	4.686	516.0E6	456.4E6	1376.035	1329.047
28) L6 AR-1254-3	5.859	5.067	560.2E6	754.3E6	1410.246	1370.006
29) L6 AR-1254-4	6.139	5.293	388.9E6	445.9E6	1427.590	1373.403
30) L6 AR-1254-5	6.549	5.698	446.2E6	698.7E6	1417.874	1374.755

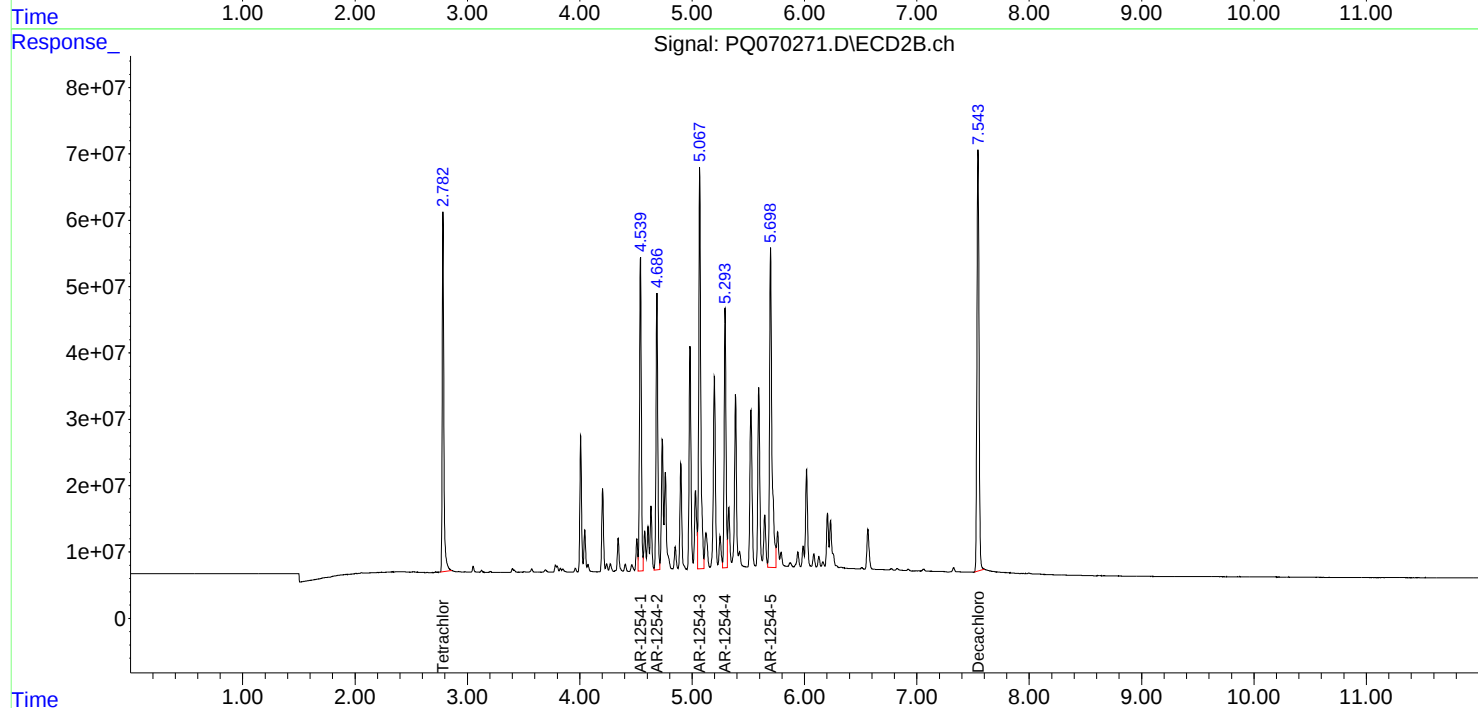
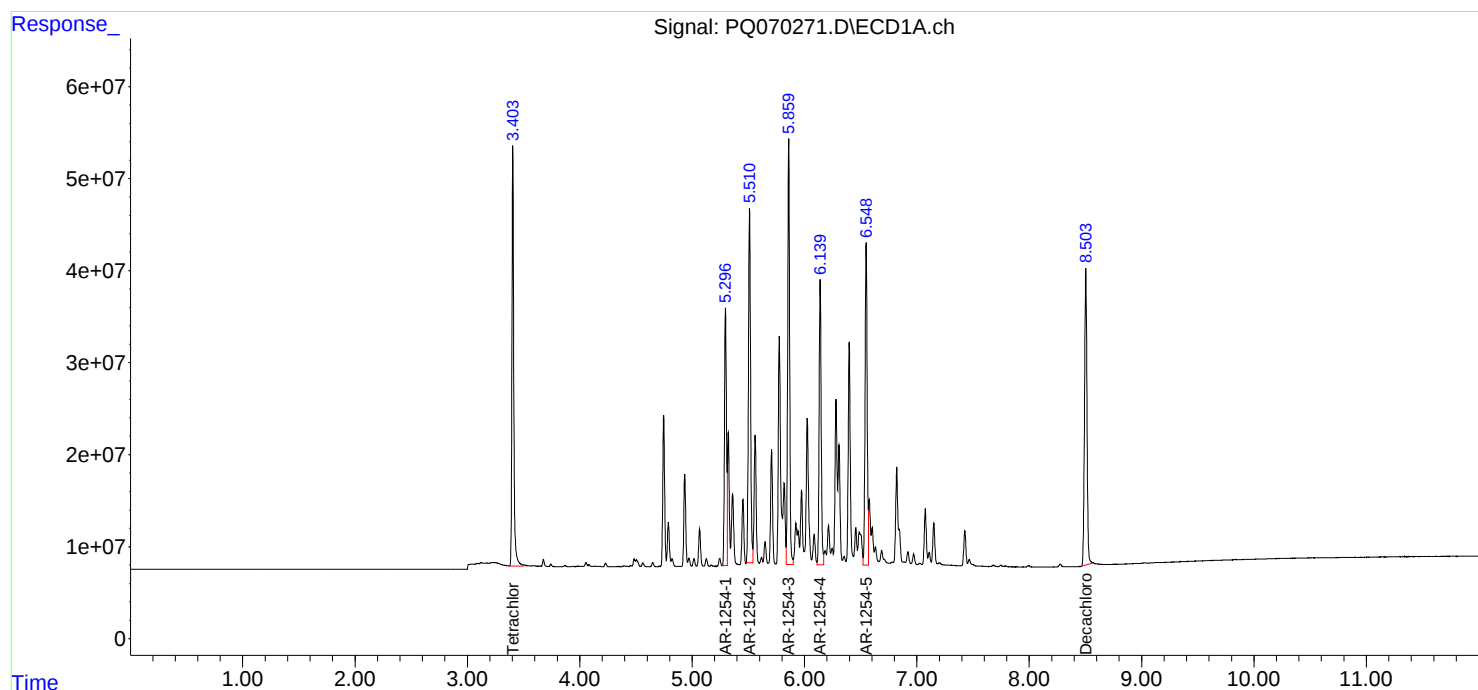
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 16:45
Operator : YP\AJ
Sample : AR1254ICC1600
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12545006

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:41:33 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\PQ050725\
 Data File : PQ070272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 17:00
 Operator : YP\AJ
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12621007

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:55:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:54:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.782	39676794	41658578	5.606	5.595
2) SA Decachlor...	8.502	7.544	40114168	67989508	11.256	11.589
Target Compounds						
36) L8 AR-1262-1	6.845	5.741	41228226	59299557	113.801	113.175
37) L8 AR-1262-2	7.151	5.988	70946334	55850608	112.490	115.544
38) L8 AR-1262-3	7.425	6.509	47610044	43071164	112.890	114.402
39) L8 AR-1262-4	7.497	6.570	38093079	76761091	110.085	112.410
40) L8 AR-1262-5	7.993	7.060	22830442	36010628	109.685	112.560

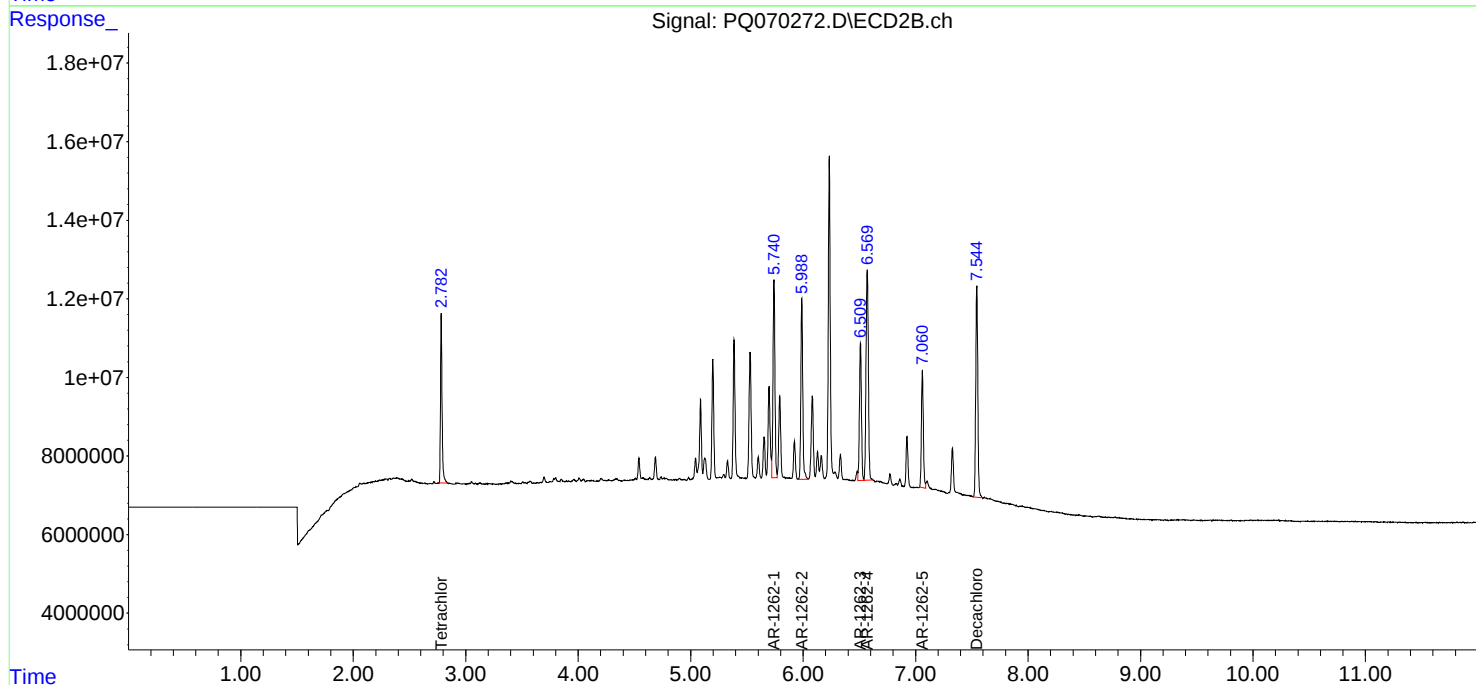
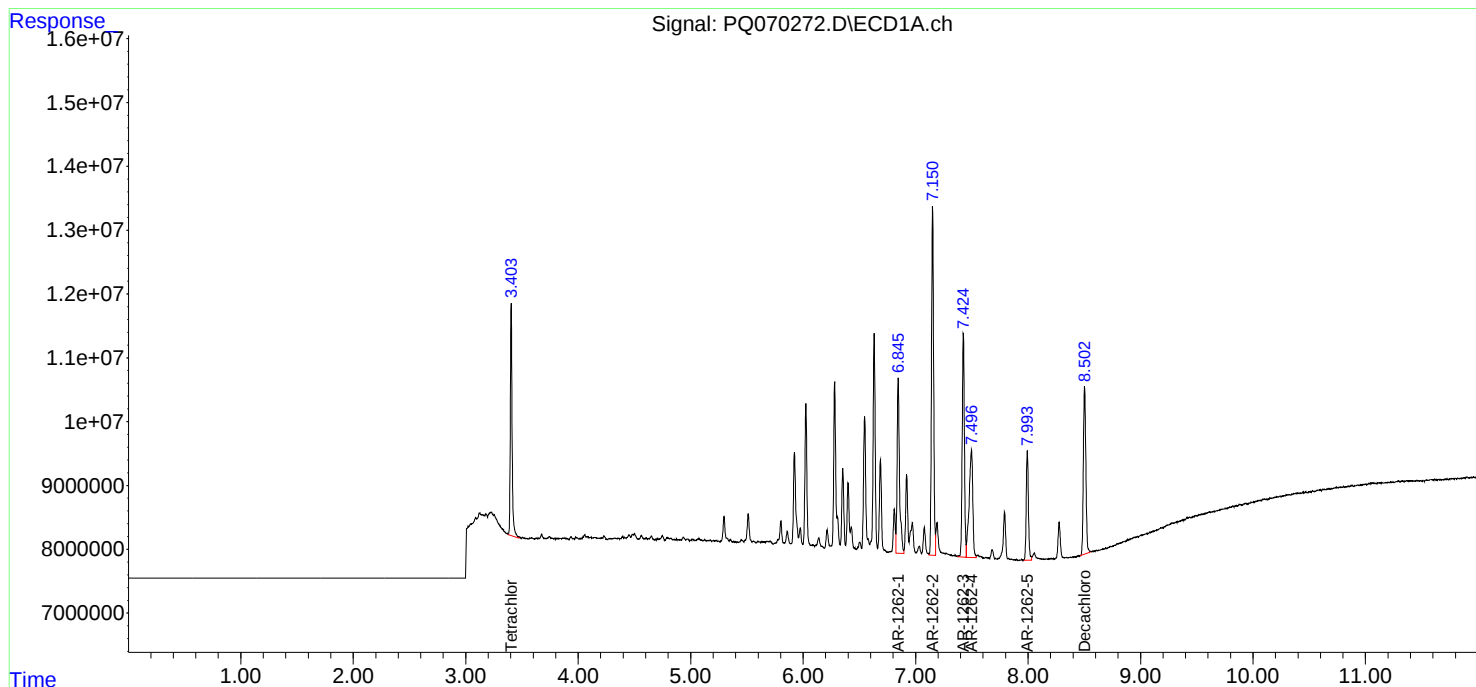
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 17:00
Operator : YP\AJ
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12621007

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:55:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:54:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 17:14
 Operator : YP\AJ
 Sample : AR1262ICC200
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12622008

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:56:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:54:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.782	75818794	79109402	10.713	10.625
2) SA Decachlor...	8.503	7.544	75956702	125.4E6	21.314	21.372
Target Compounds						
36) L8 AR-1262-1	6.846	5.742	77305274	112.4E6	213.383	214.531
37) L8 AR-1262-2	7.151	5.988	132.6E6	104.3E6	210.316	215.679
38) L8 AR-1262-3	7.425	6.510	88915815	79445517	210.832	211.017
39) L8 AR-1262-4	7.498	6.571	71473026	143.0E6	206.550	209.426
40) L8 AR-1262-5	7.994	7.060	43529153	66809548	209.128	208.829

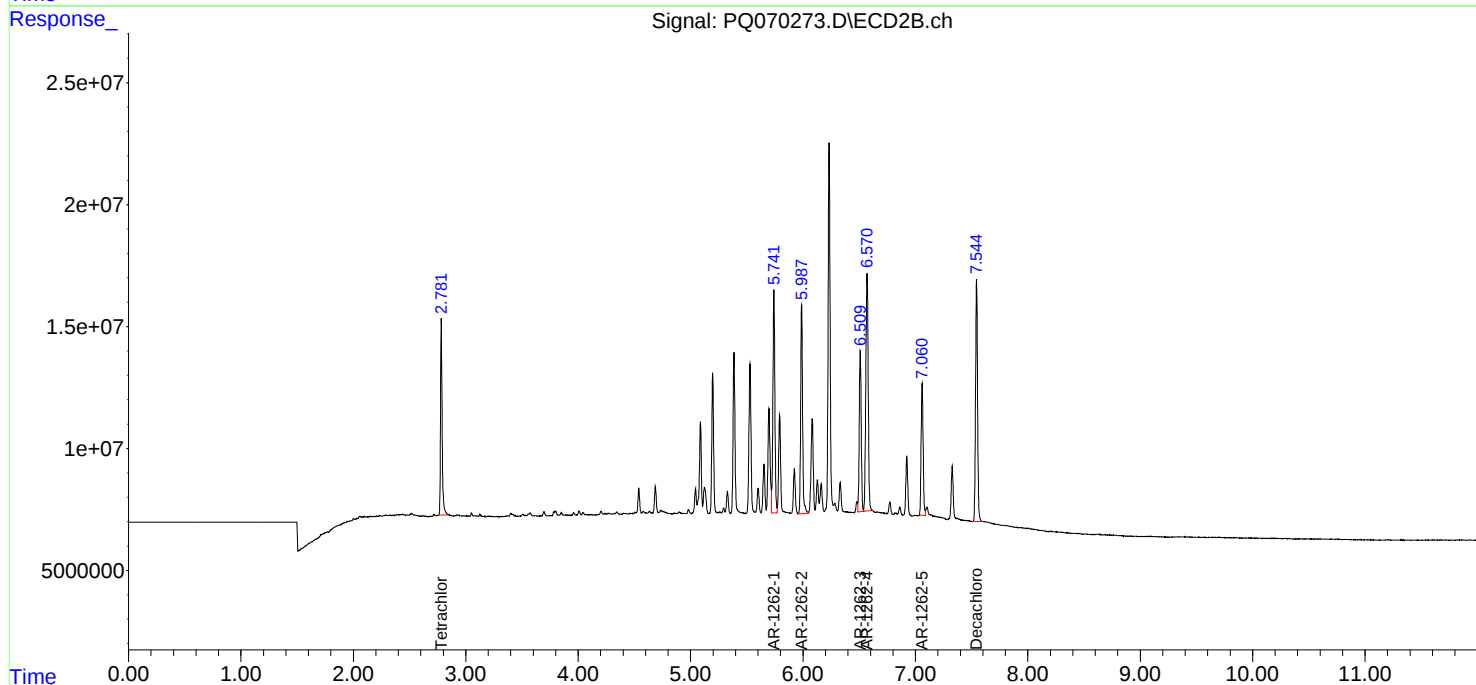
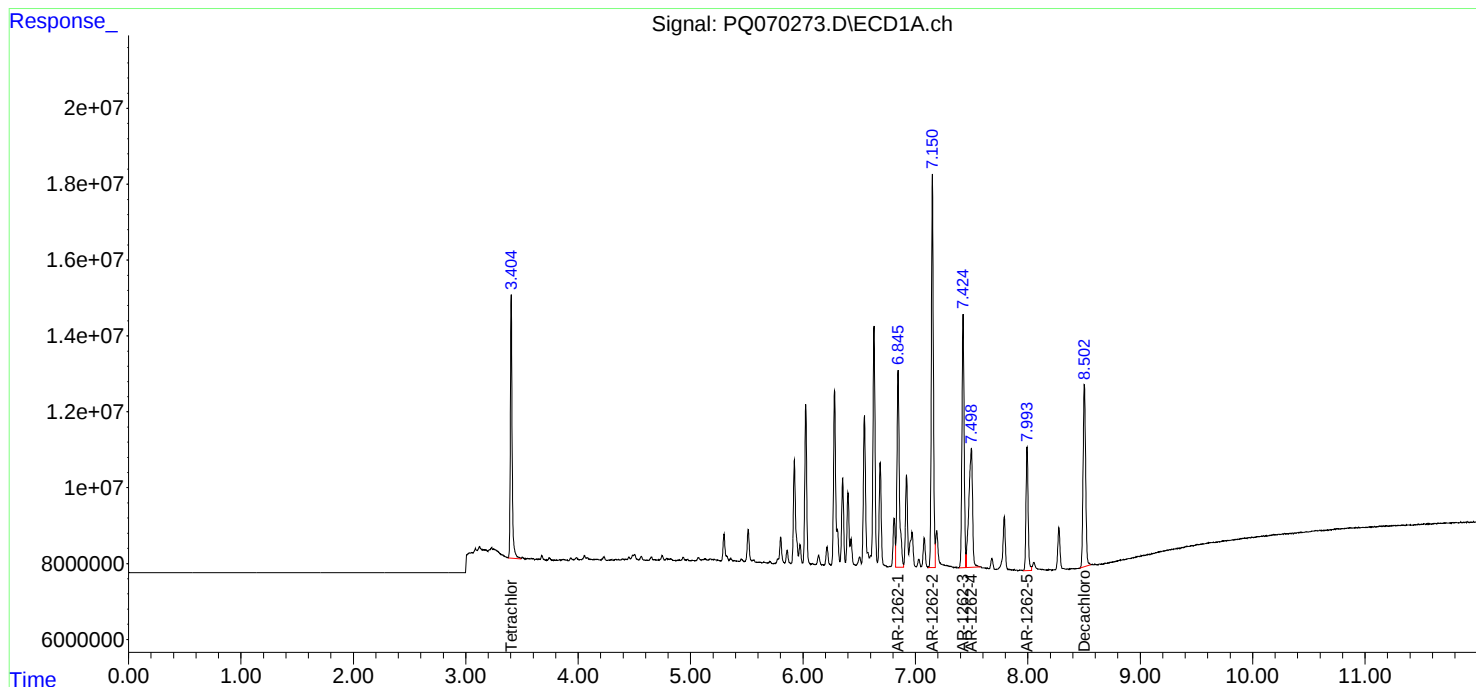
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 17:14
Operator : YP\AJ
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12622008

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:56:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:54:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 17:29
 Operator : YP\AJ
 Sample : AR1262ICC400
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12623009

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:56:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:54:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.782	141.5E6	148.9E6	20.000	20.000
2) SA Decachlor...	8.502	7.544	142.6E6	234.7E6	40.000	40.000
Target Compounds						
36) L8 AR-1262-1	6.845	5.742	144.9E6	209.6E6	400.000	400.000
37) L8 AR-1262-2	7.151	5.988	252.3E6	193.3E6	400.000	400.000
38) L8 AR-1262-3	7.425	6.510	168.7E6	150.6E6	400.000	400.000
39) L8 AR-1262-4	7.497	6.571	138.4E6	273.1E6	400.000	400.000
40) L8 AR-1262-5	7.993	7.060	83258253	128.0E6	400.000	400.000

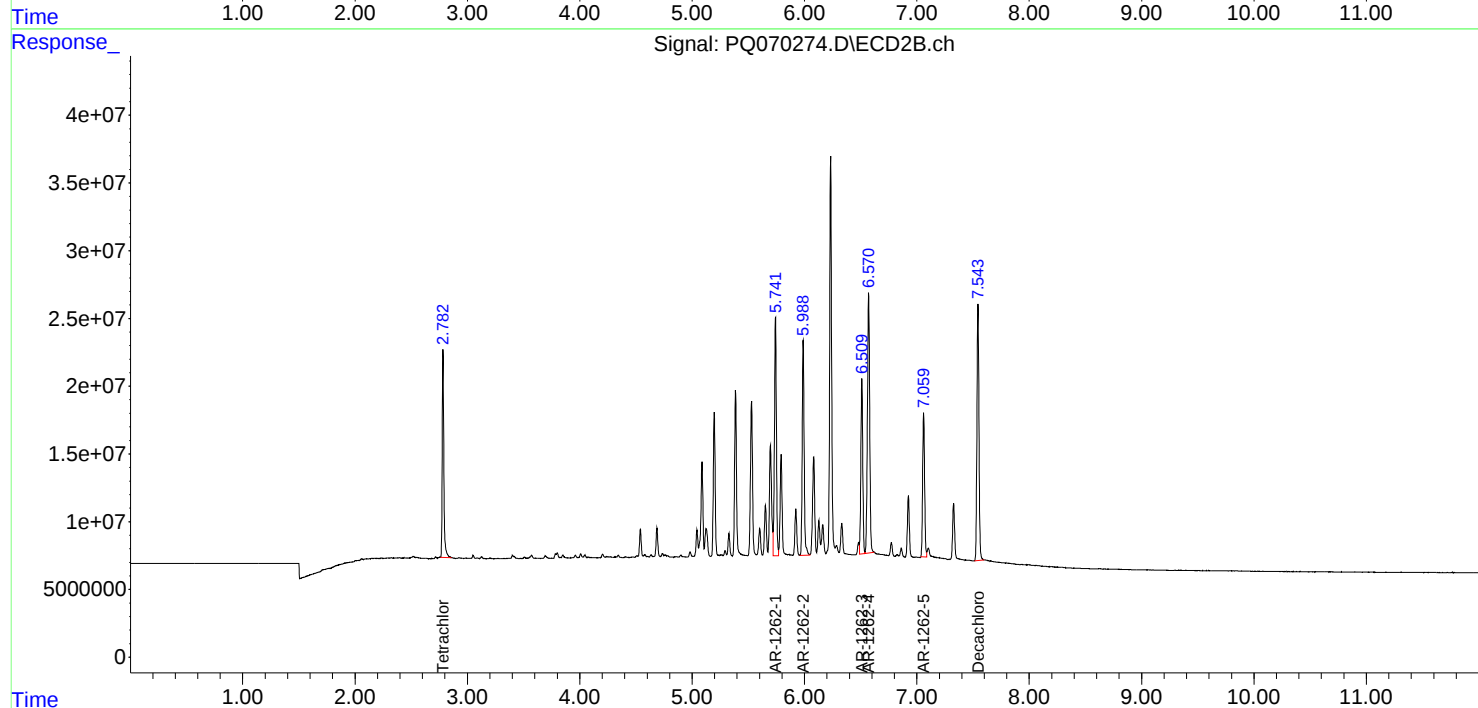
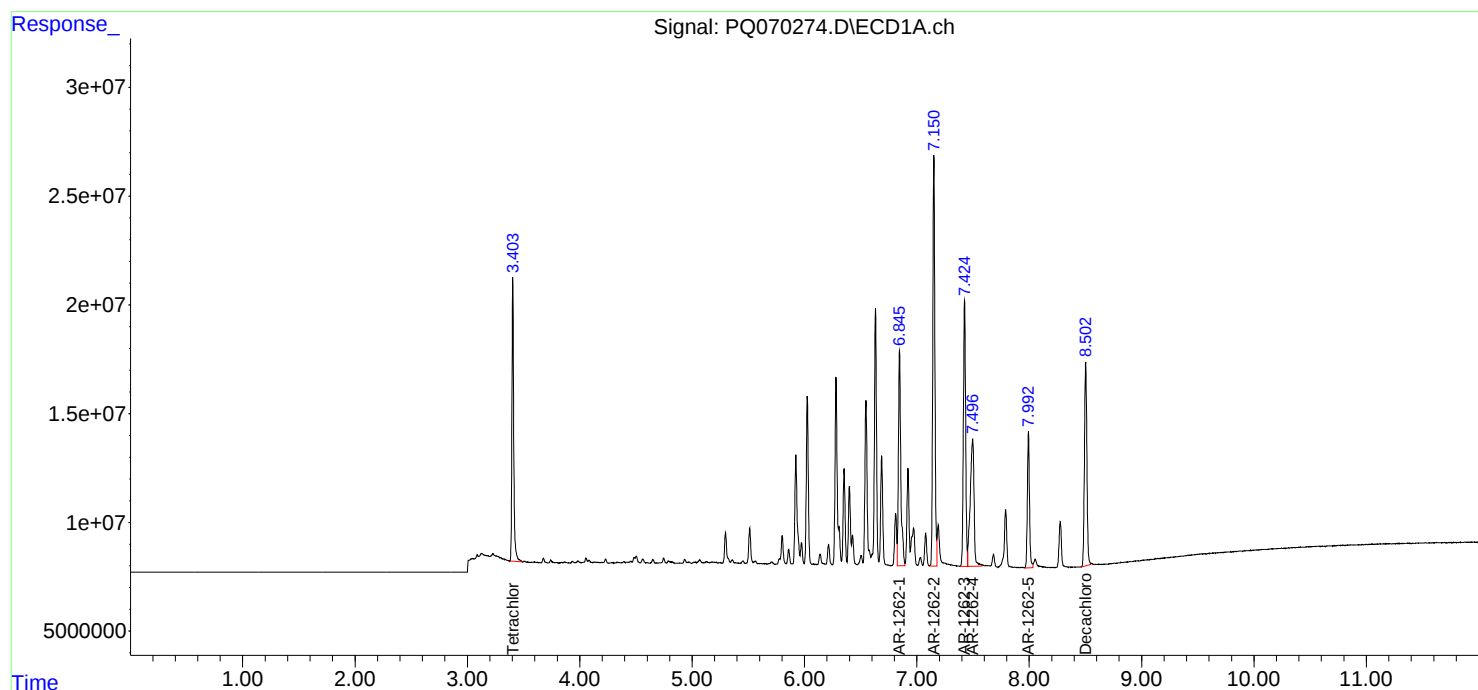
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 17:29
Operator : YP\AJ
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12623009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:56:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:54:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 17:43
 Operator : YP\AJ
 Sample : AR1262ICC800
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12624010

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:56:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:54:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.782	272.6E6	284.4E6	38.517	38.196
2) SA Decachlor...	8.502	7.544	271.5E6	446.5E6	76.187	76.108
Target Compounds						
36) L8 AR-1262-1	6.845	5.742	275.2E6	396.0E6	759.713	755.867
37) L8 AR-1262-2	7.151	5.988	486.0E6	366.2E6	770.579	757.547
38) L8 AR-1262-3	7.424	6.510	322.2E6	286.0E6	763.955	759.736
39) L8 AR-1262-4	7.498	6.570	265.8E6	526.4E6	768.113	770.801
40) L8 AR-1262-5	7.993	7.060	160.4E6	245.7E6	770.575	768.003

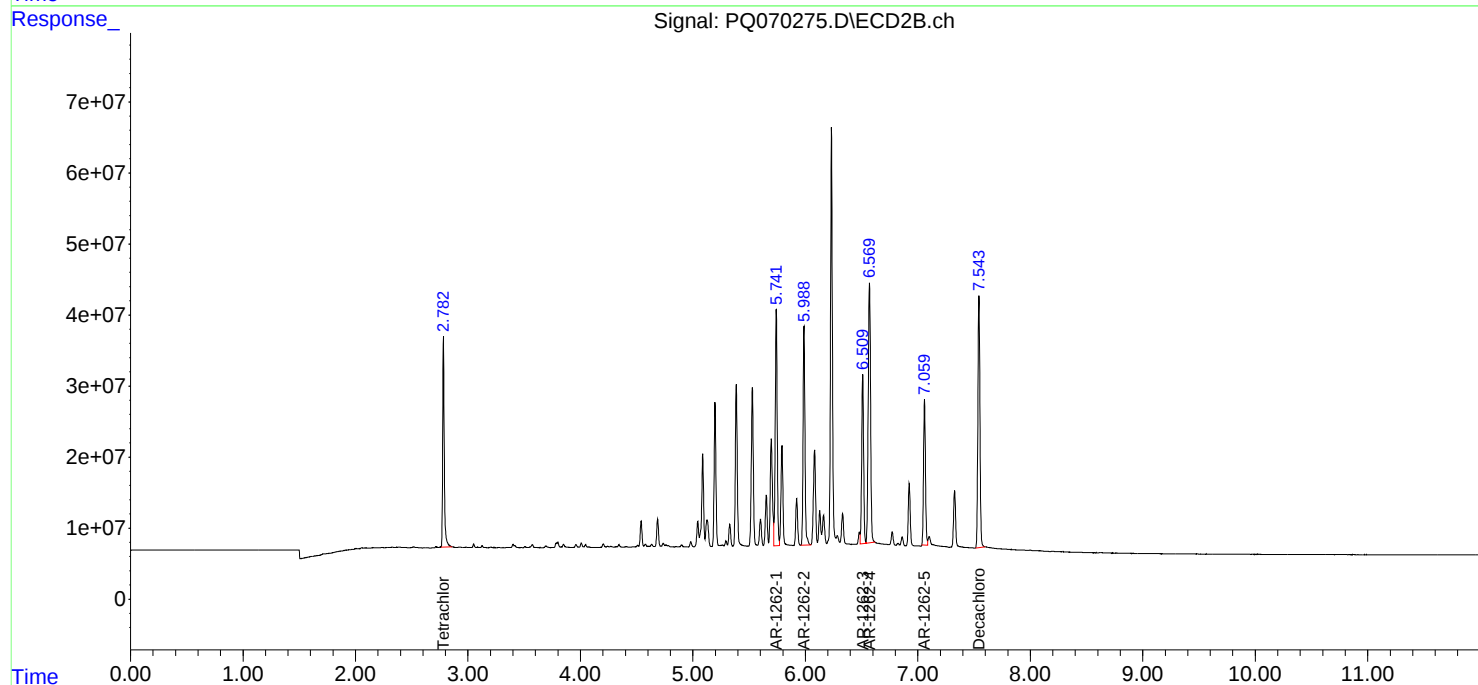
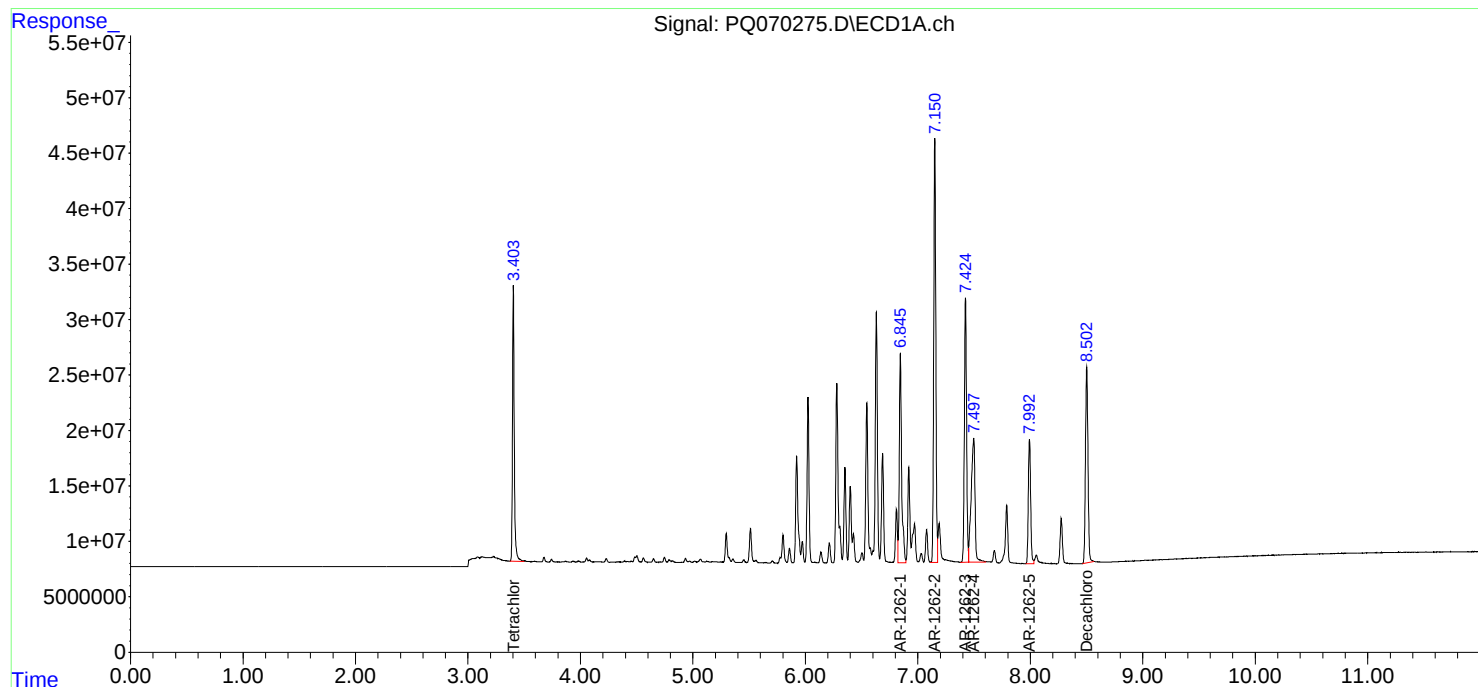
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 17:43
Operator : YP\AJ
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12624010

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:56:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:54:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 17:58
 Operator : YP\AJ
 Sample : AR1262ICC1600
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12625011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 10:56:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 10:54:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.782	508.9E6	526.6E6	71.904	70.721
2) SA Decachlor...	8.501	7.543	506.7E6	818.9E6	142.186	139.593
Target Compounds						
36) L8 AR-1262-1	6.845	5.741	511.1E6	721.3E6	1410.832	1376.665
37) L8 AR-1262-2	7.150	5.988	917.2E6	667.3E6	1454.281	1380.548
38) L8 AR-1262-3	7.424	6.510	601.2E6	526.1E6	1425.448	1397.419
39) L8 AR-1262-4	7.497	6.570	484.1E6	979.7E6	1399.097	1434.654
40) L8 AR-1262-5	7.992	7.060	298.6E6	458.4E6	1434.737	1432.770

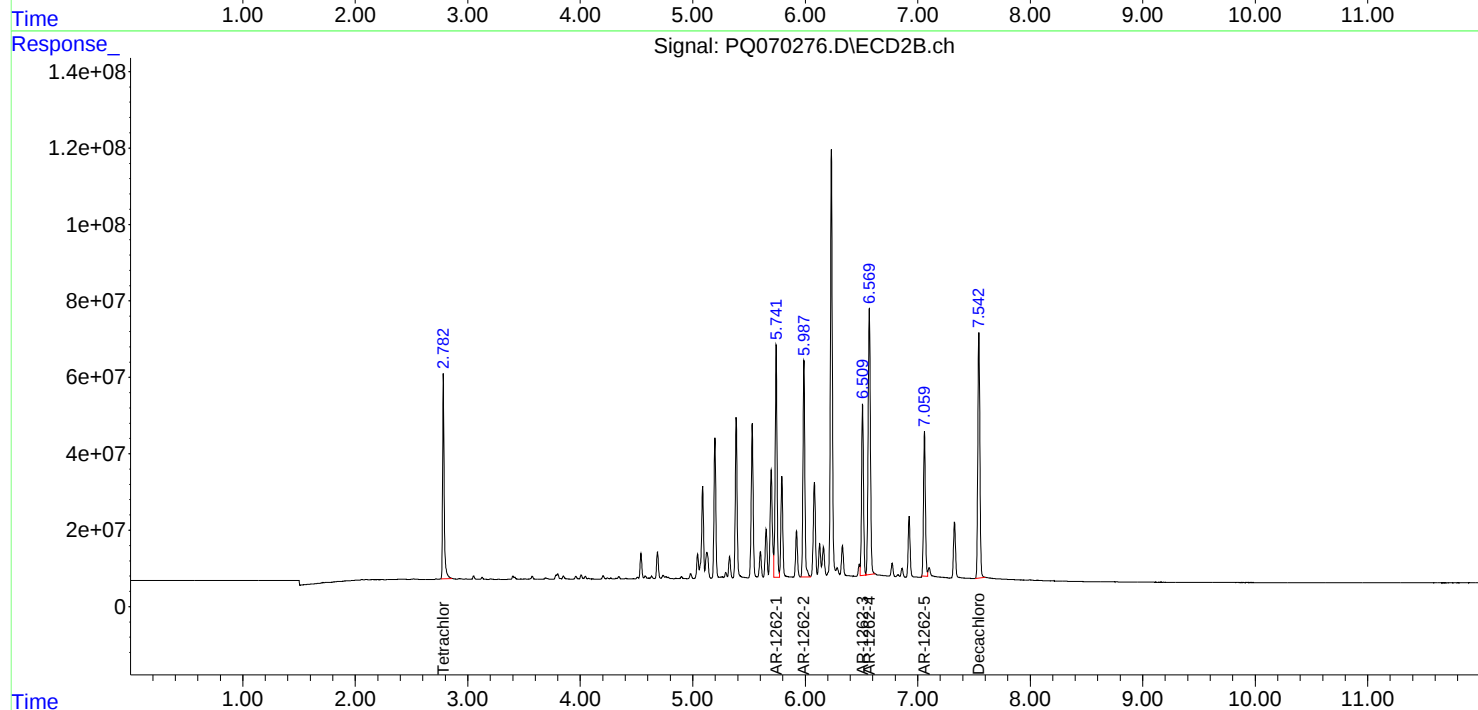
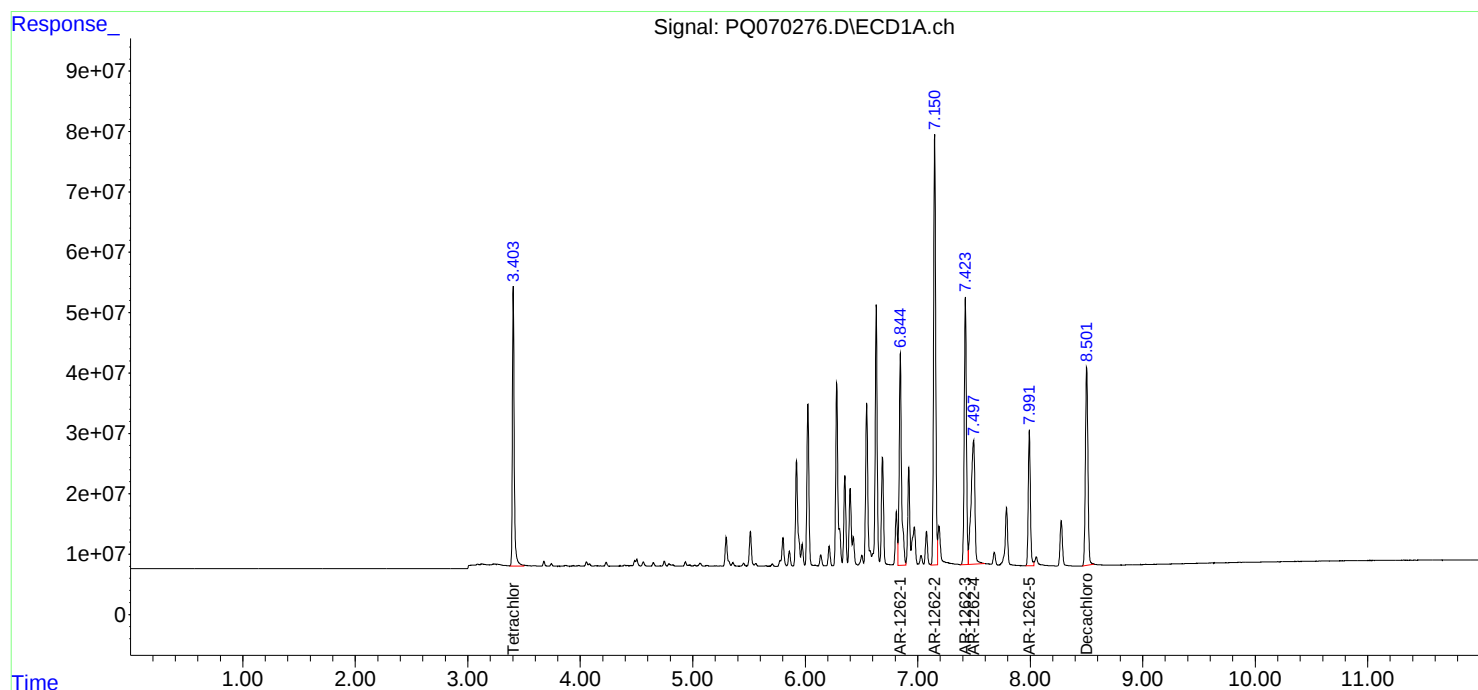
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 17:58
Operator : YP\AJ
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12625011

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 10:56:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 10:54:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:13
 Operator : YP\AJ
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12681012

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:25:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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	38921847	41369052	5.822	5.906
2) SA Decachlor...	8.502	7.545	72037464	120.6E6	11.620	11.828
Target Compounds						
41) L9 AR-1268-1	7.423	6.508	80293831	118.5E6	117.029	117.629m
42) L9 AR-1268-2	7.499	6.572	73260455	106.7E6	114.733	115.446
43) L9 AR-1268-3	7.681	6.773	60727864	94338811	115.624	116.066
44) L9 AR-1268-4	7.993	7.060	24403187	40086285	111.846	117.375
45) L9 AR-1268-5	8.275	7.327	171.2E6	276.4E6	111.975	112.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:13
Operator : YP\AJ
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

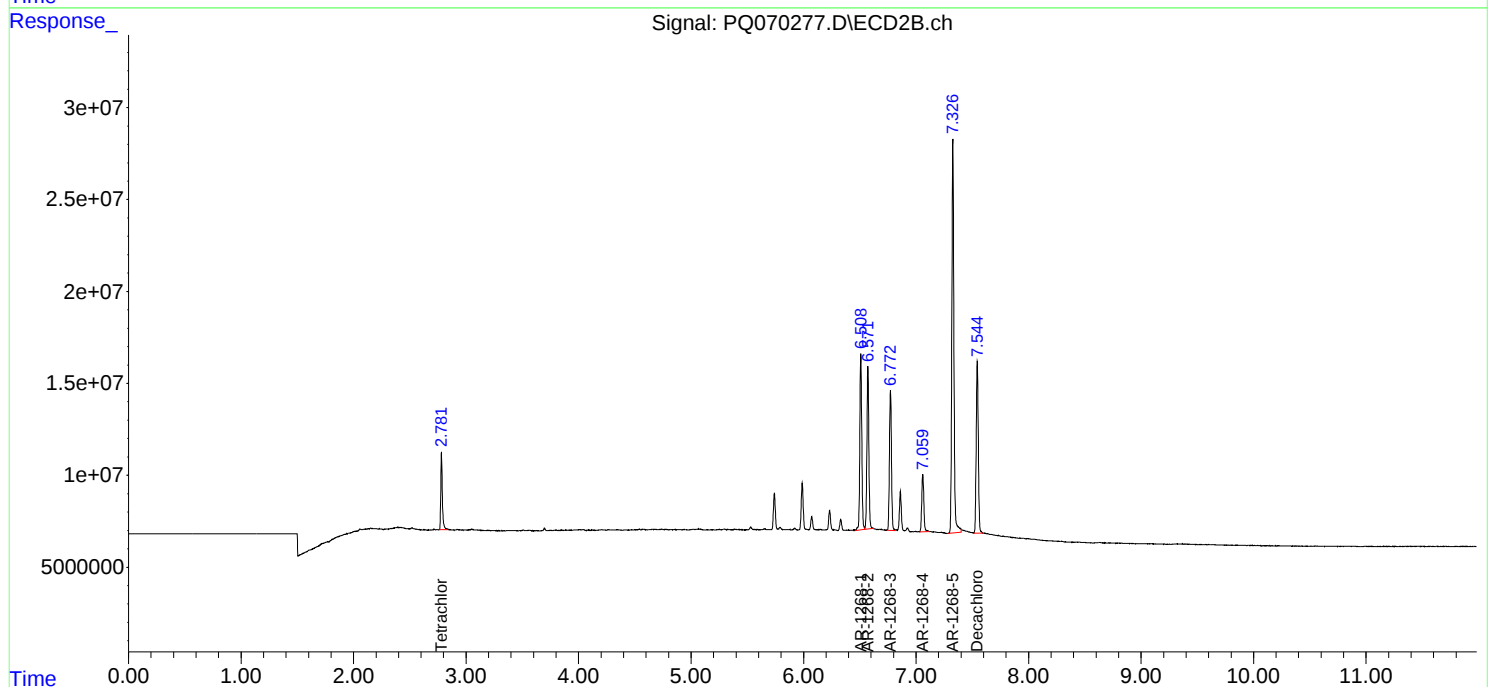
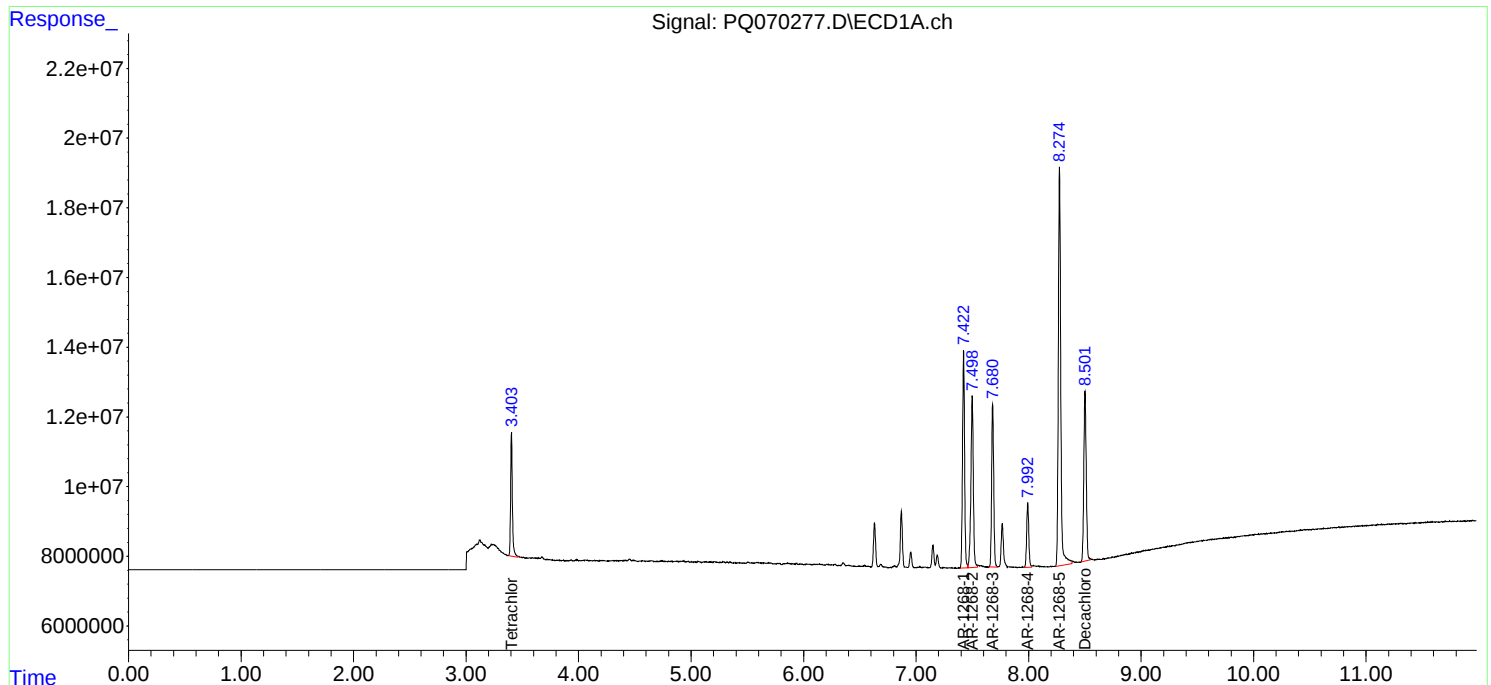
Instrument :
ECD_Q
ClientSampleId :
AR12681012

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:25:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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\PQ050725\
 Data File : PQ070277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:13
 Operator : YP\AJ
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

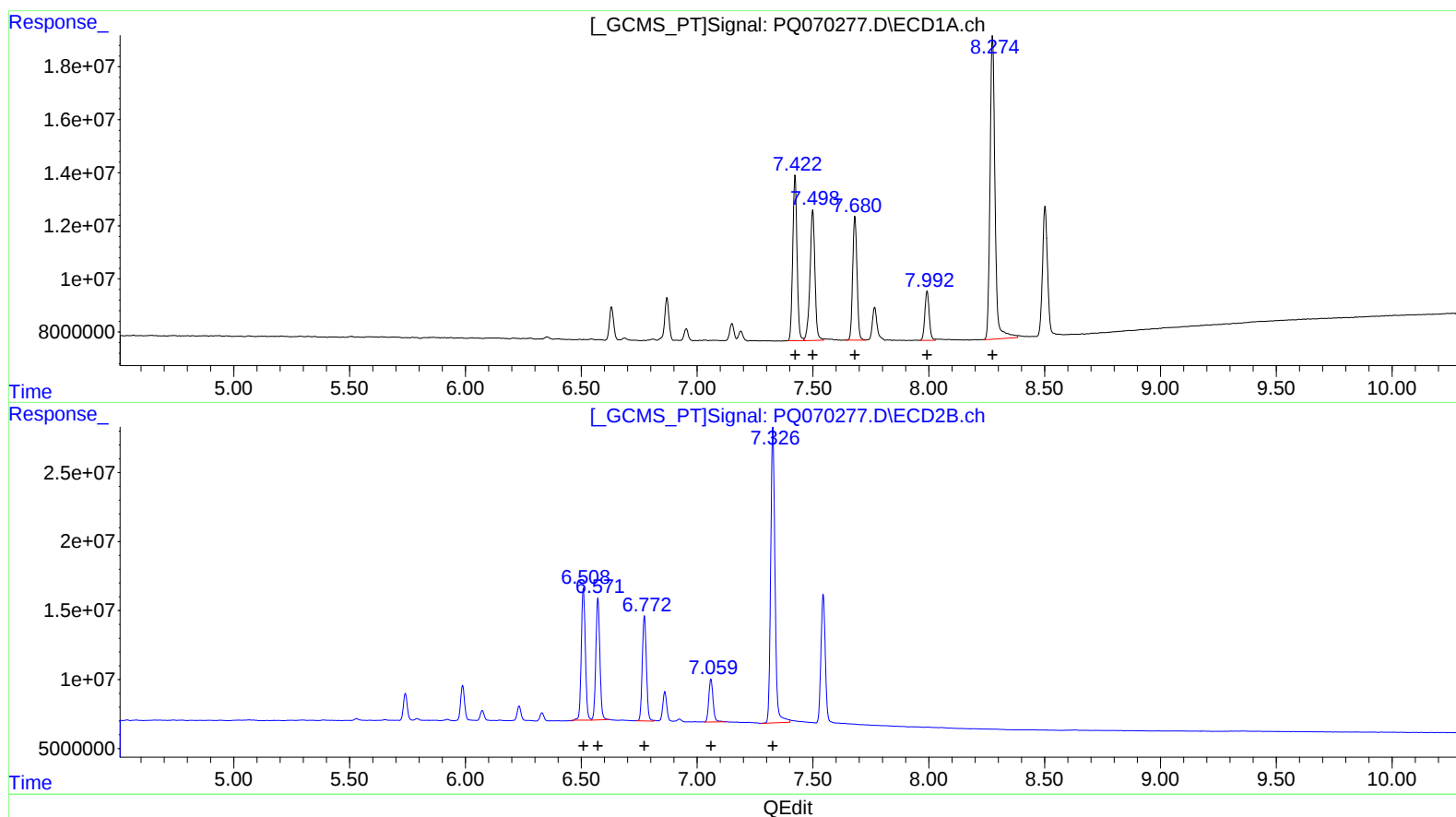
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:25:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 80293831 117.03
 7.50 73260455 114.73
 7.68 60727864 115.62
 7.99 24403187 111.85
 8.27 171218483 111.98

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 117715539 116.86
 6.57 106711419 115.45
 6.77 94338811 116.07
 7.06 40086285 117.37
 7.33 276404186 112.69

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:13
Operator : YP\AJ
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

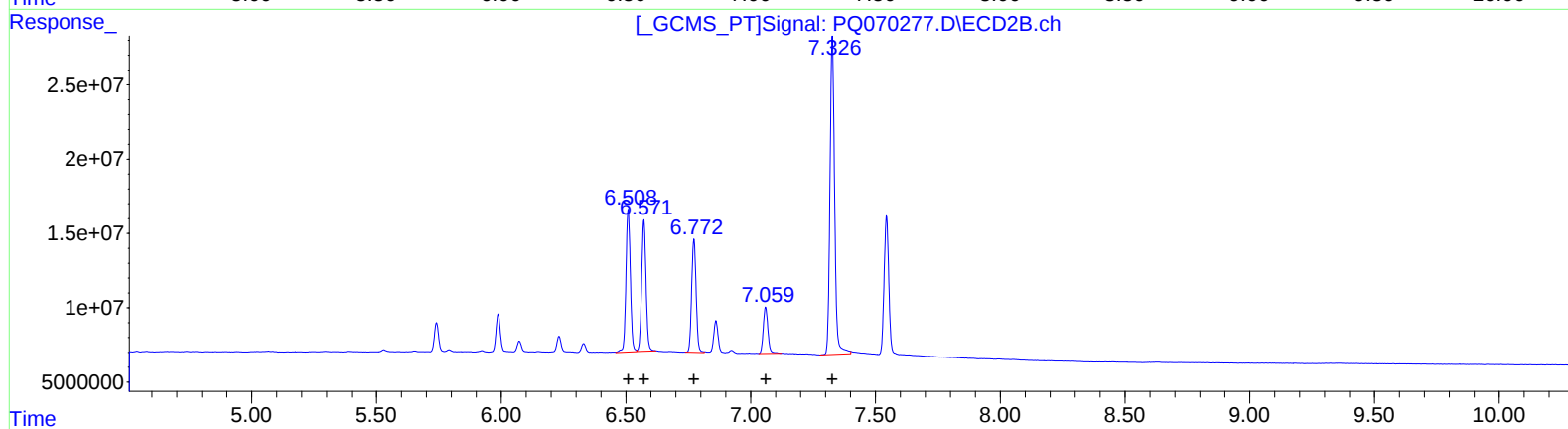
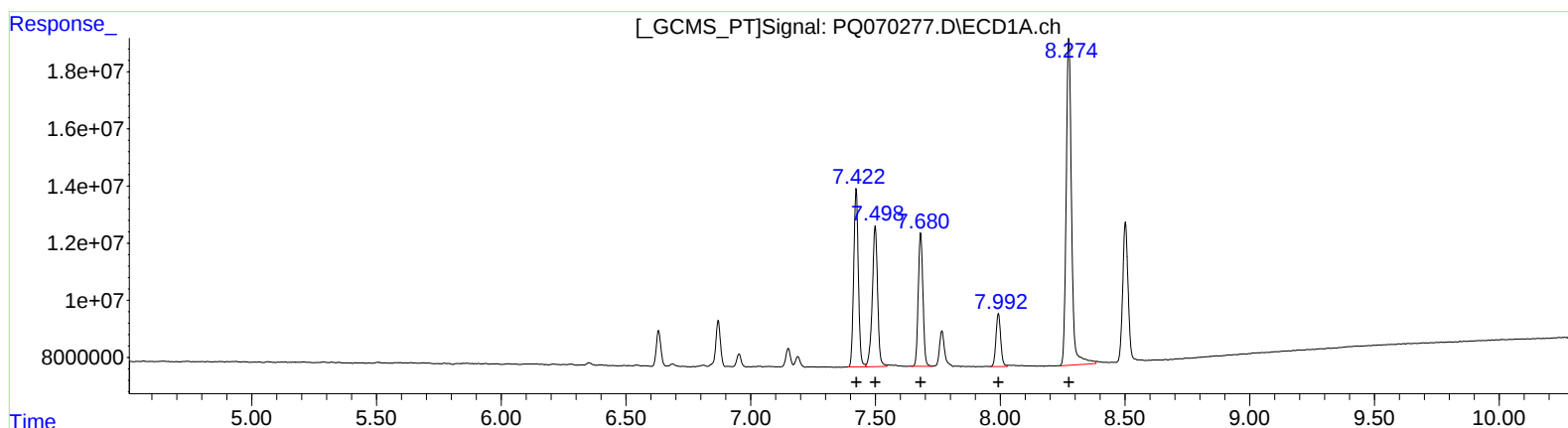
Instrument :
ECD_Q
LabSampleId :
AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:25:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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



QEdit

(41) AR-1268-1 (L9)
R.T. Response Conc
7.42 80293831 117.03
7.50 73260455 114.73
7.68 60727864 115.62
7.99 24403187 111.85
8.27 171218483 111.98

(41) AR-1268-1 #2 (L9)
R.T. Response Conc
6.51 118489635 117.63
6.57 106711419 115.45
6.77 94338811 116.07
7.06 40086285 117.37
7.33 276404186 112.69

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:27
 Operator : YP\AJ
 Sample : AR1268ICC200
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12682013

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:25:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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	75703317	79758725	11.324	11.386
2) SA Decachlor...	8.502	7.544	139.0E6	227.6E6	22.423	22.317
Target Compounds						
41) L9 AR-1268-1	7.422	6.509	153.4E6	223.0E6	223.569m	221.400m
42) L9 AR-1268-2	7.499	6.573	141.2E6	202.4E6	221.097	218.982
43) L9 AR-1268-3	7.681	6.773	117.1E6	179.3E6	223.010	220.642
44) L9 AR-1268-4	7.992	7.060	48293942	77731340	221.343	227.602
45) L9 AR-1268-5	8.276	7.328	331.0E6	527.1E6	216.442	214.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:27
Operator : YP\AJ
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

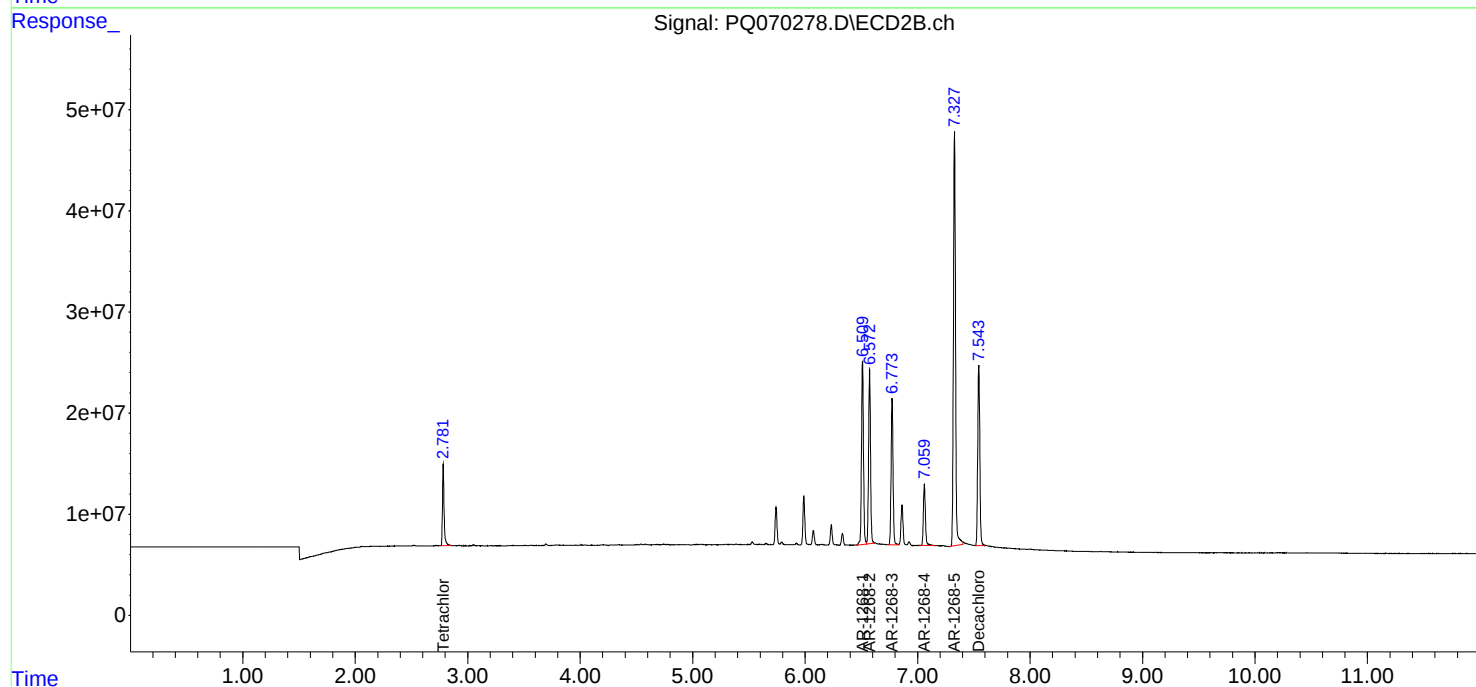
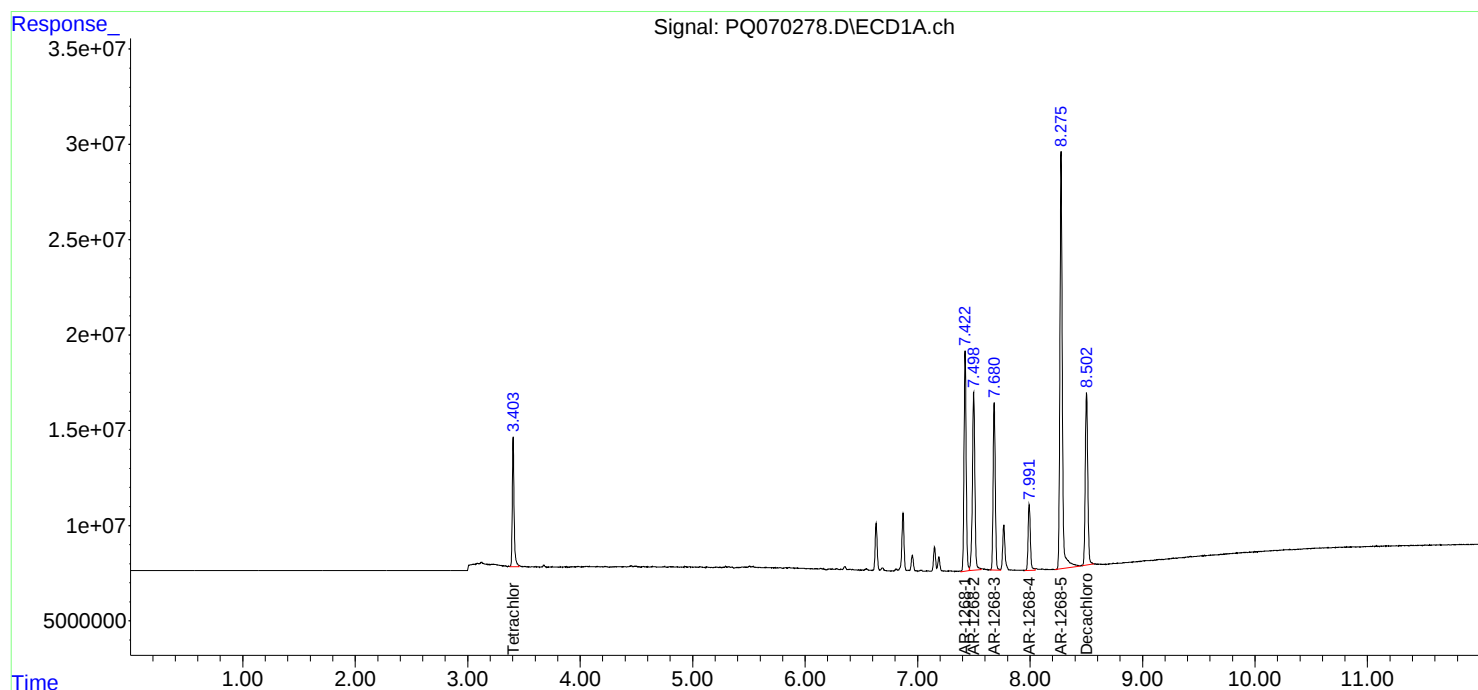
Instrument :
ECD_Q
ClientSampleId :
AR12682013

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:25:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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\PQ050725\
 Data File : PQ070278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:27
 Operator : YP\AJ
 Sample : AR1268ICC200
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

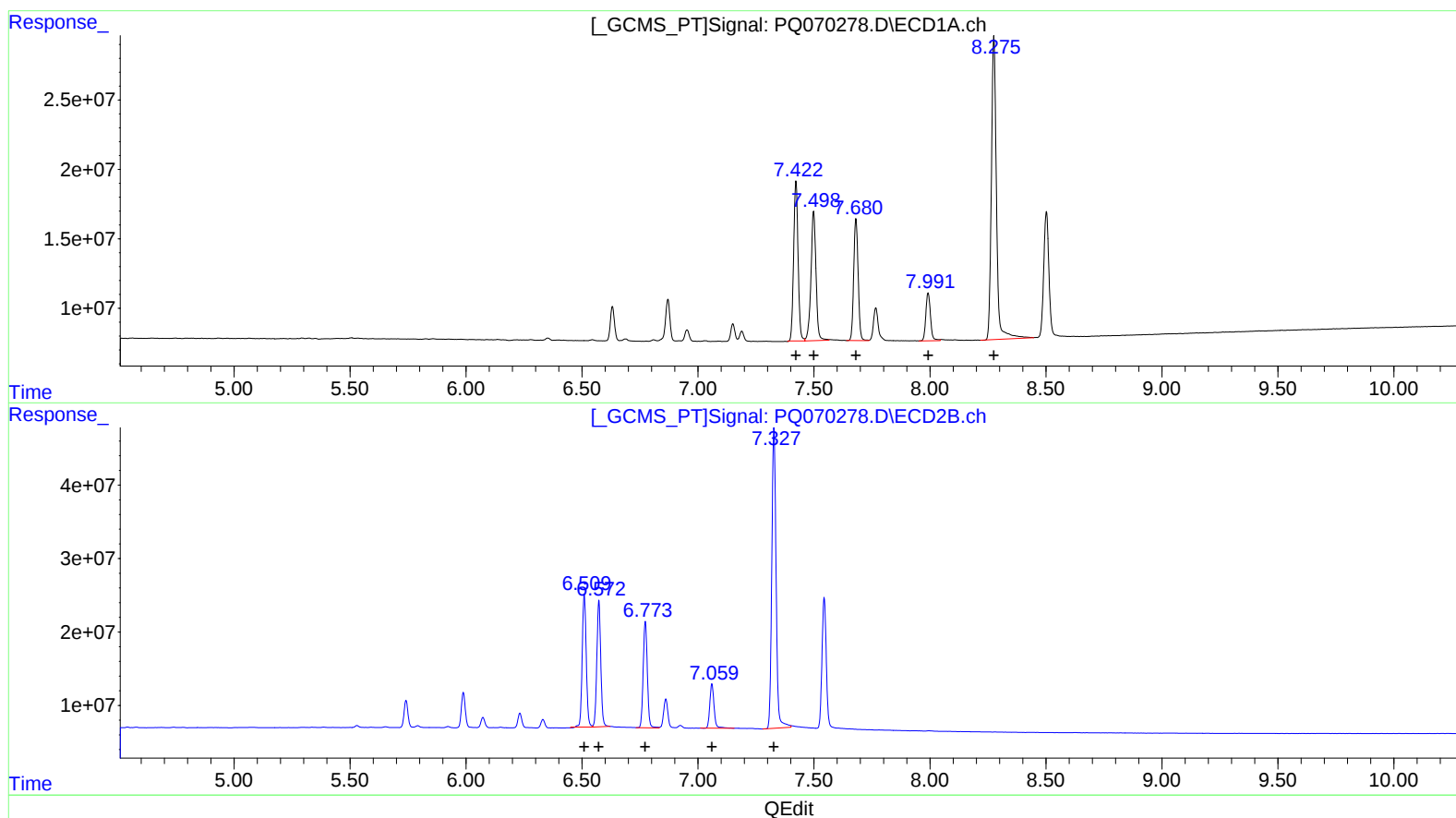
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:25:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 153139683 223.20
 7.50 141176522 221.10
 7.68 117129017 223.01
 7.99 48293942 221.34
 8.28 330955408 216.44

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 222535884 220.92
 6.57 202414962 218.98
 6.77 179338791 220.64
 7.06 77731340 227.60
 7.33 527079952 214.89

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:27
 Operator : YP\AJ
 Sample : AR1268ICC200
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

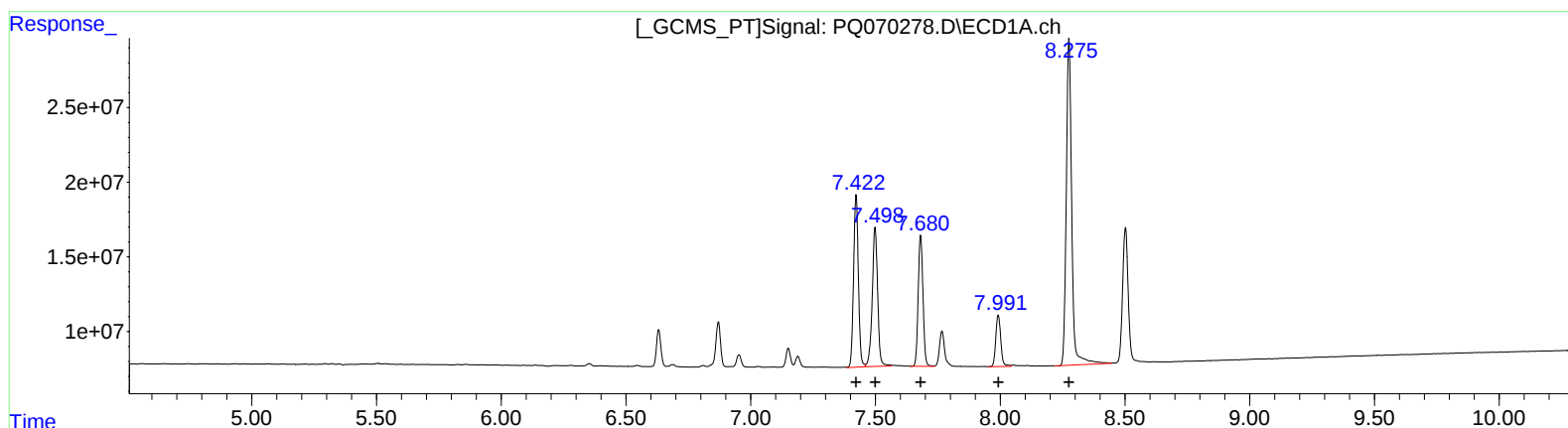
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:25:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 153391549 223.57
 7.50 141176522 221.10
 7.68 117129017 223.01
 7.99 48293942 221.34
 8.28 330955408 216.44

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 223018960 221.40
 6.57 202414962 218.98
 6.77 179338791 220.64
 7.06 77731340 227.60
 7.33 527079952 214.89

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:42
 Operator : YP\AJ
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12683014

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:38:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:38:01 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	141.5E6	148.9E6	20.000	20.000
2) SA Decachlor...	8.503	7.544	261.8E6	430.2E6	40.000	40.000
Target Compounds						
41) L9 AR-1268-1	7.423	6.509	289.9E6	425.3E6	400.364m	400.370m
42) L9 AR-1268-2	7.500	6.572	268.5E6	388.2E6	400.000	400.000
43) L9 AR-1268-3	7.682	6.773	220.9E6	342.9E6	400.000	400.000
44) L9 AR-1268-4	7.993	7.060	92157188	148.4E6	400.000	400.000
45) L9 AR-1268-5	8.276	7.327	635.7E6	1017.7E6	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\PQ050725\
Data File : PQ070279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:42
Operator : YP\AJ
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

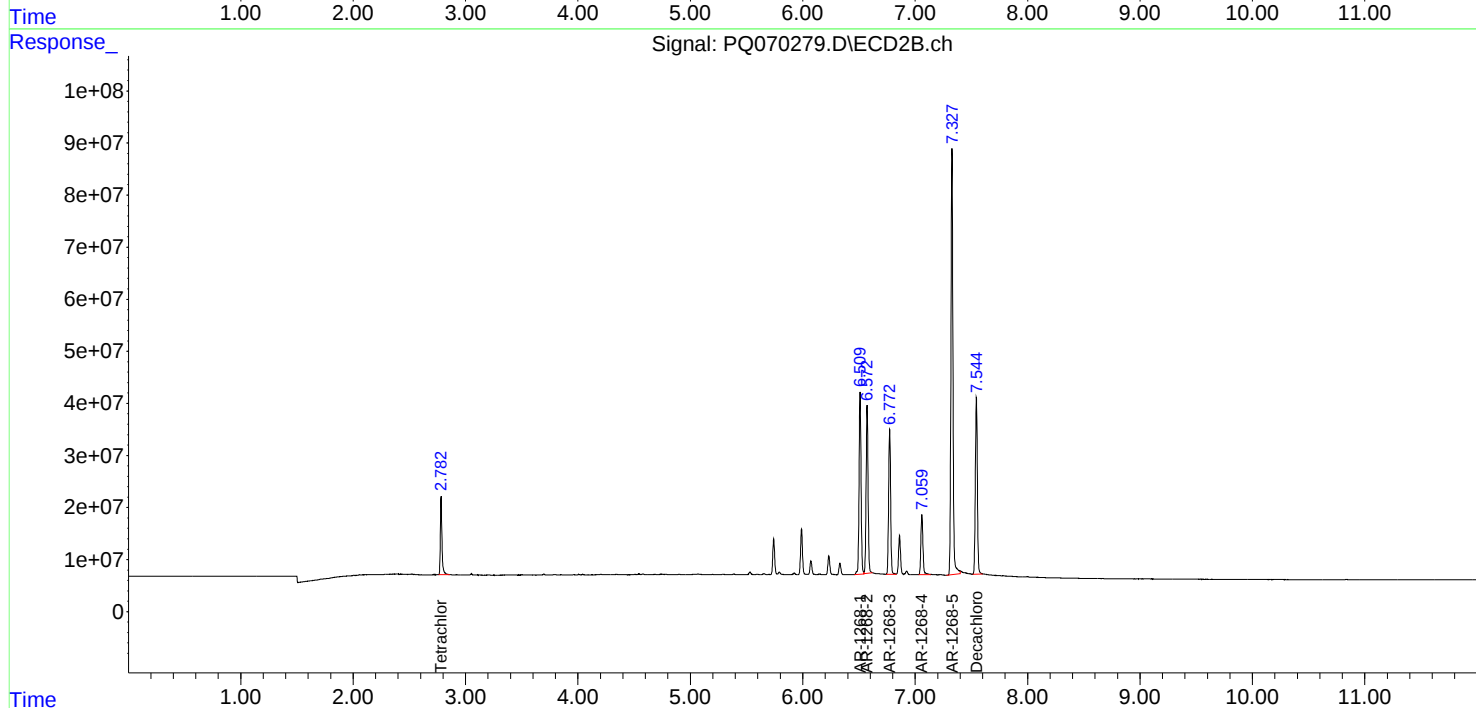
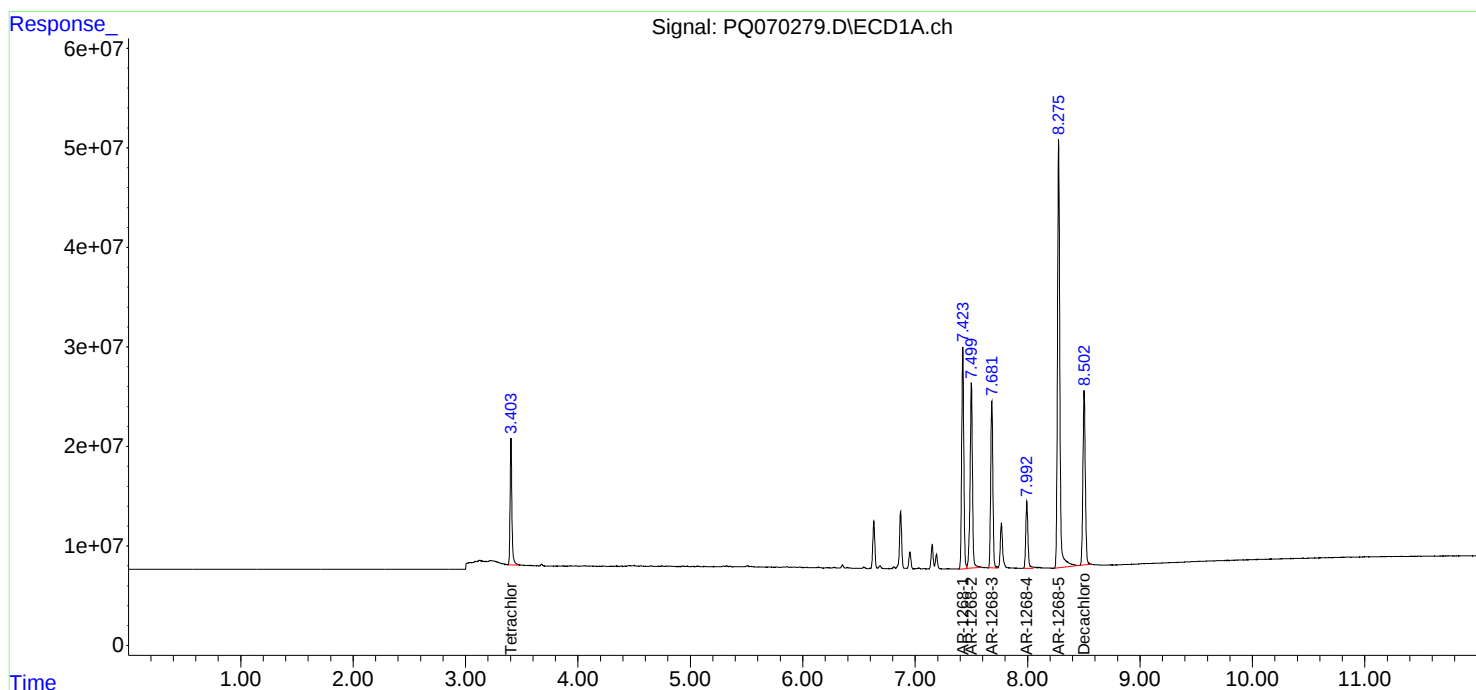
Instrument :
ECD_Q
ClientSampleId :
AR12683014

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:38:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:38:01 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\PQ050725\
Data File : PQ070279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:42
Operator : YP\AJ
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

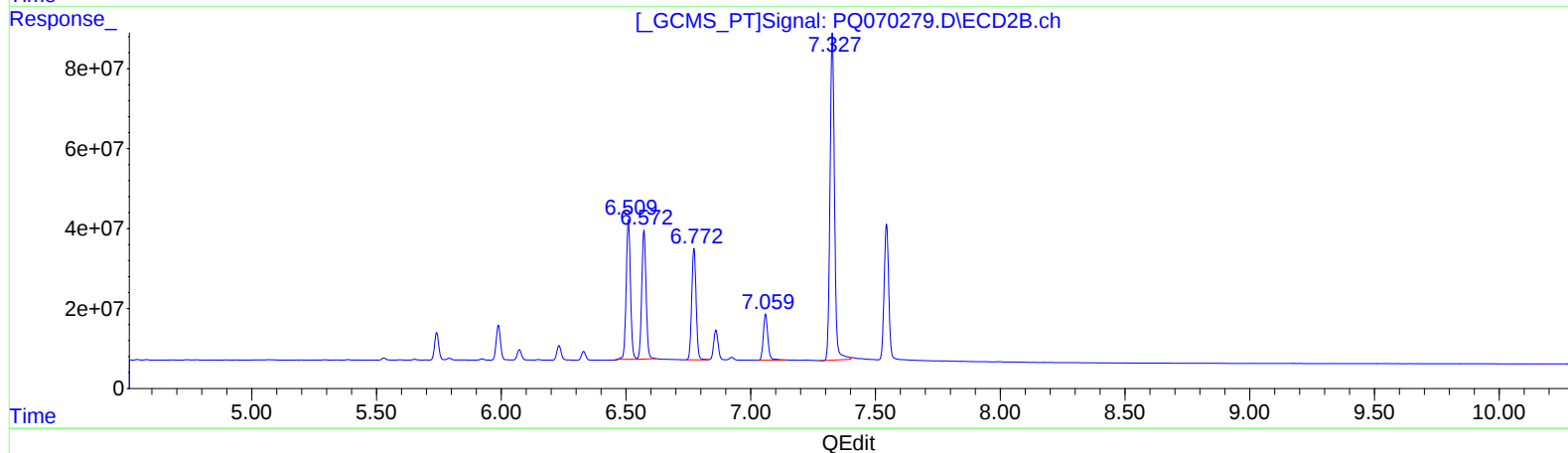
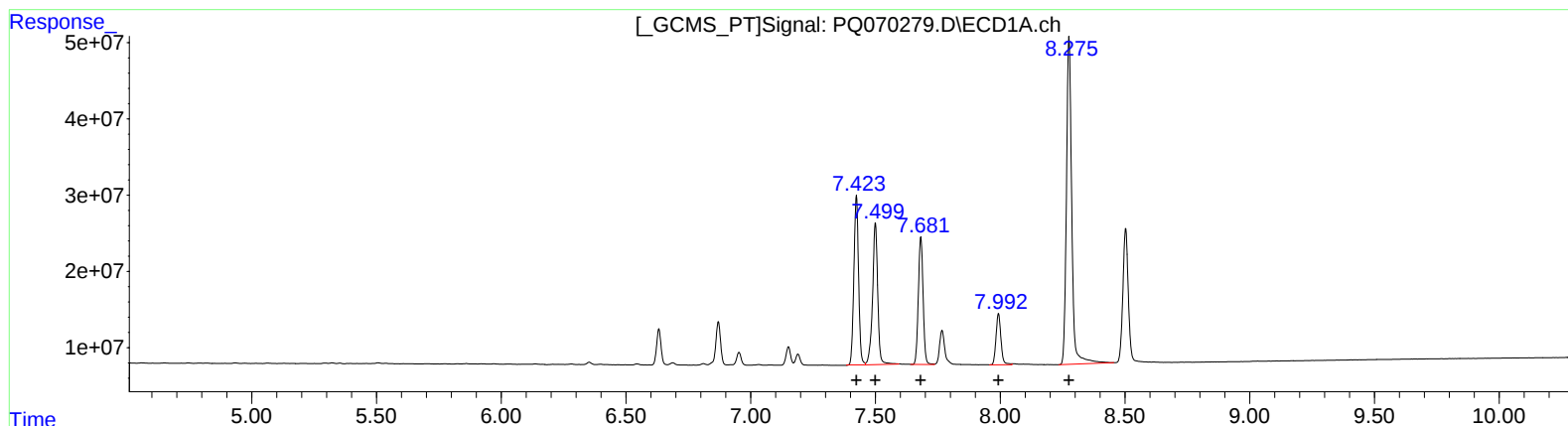
Instrument :
ECD_Q
LabSampleId :
AR1268ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:38:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:38:01 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



QEdit

(41) AR-1268-1 (L9)
R.T. Response Conc
7.42 289266135 399.48
7.50 268455951 400.00
7.68 220924919 400.00
7.99 92157188 400.00
8.28 635710142 400.00
(41) AR-1268-1 #2 (L9)
R.T. Response Conc
6.51 424263284 399.40
6.57 388235100 400.00
6.77 342891614 400.00
7.06 148400632 400.00
7.33 1017737514 400.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:42
 Operator : YP\AJ
 Sample : AR1268ICC400
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

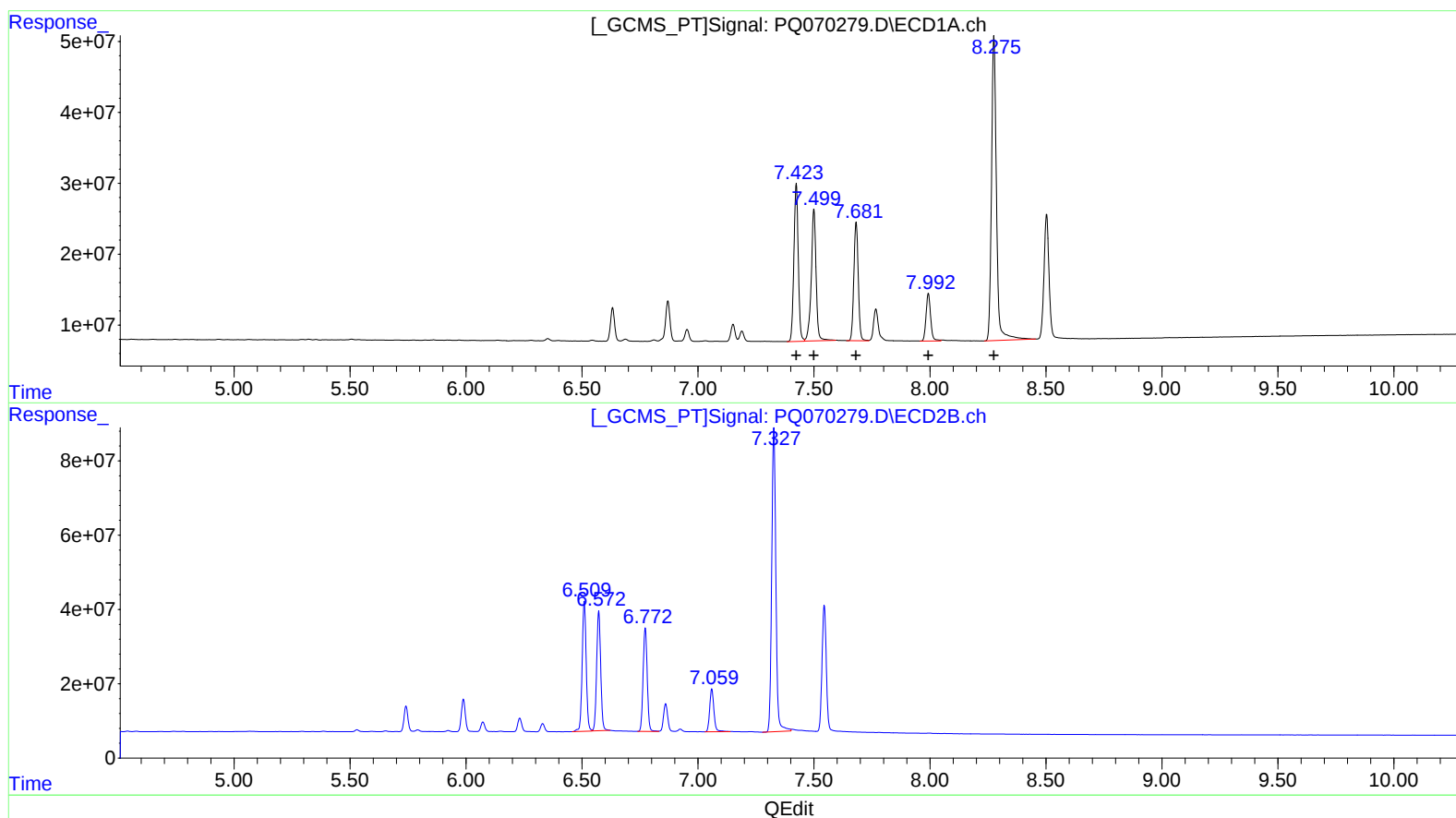
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC400

Manual IntegrationsAPPROVED

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:38:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:38:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

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



(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 289903184 400.36
 7.50 268455951 400.00
 7.68 220924919 400.00
 7.99 92157188 400.00
 8.28 635710142 400.00

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 425293741 400.37
 6.57 388235100 400.00
 6.77 342891614 400.00
 7.06 148400632 400.00
 7.33 1017737514 400.00

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:56
 Operator : YP\AJ
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12684015

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:26:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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	269.3E6	283.4E6	40.275	40.458
2) SA Decachlor...	8.502	7.544	496.1E6	816.6E6	80.026	80.072
Target Compounds						
41) L9 AR-1268-1	7.421	6.509	552.2E6	811.0E6	804.852m	805.105m
42) L9 AR-1268-2	7.499	6.572	512.7E6	744.2E6	803.012	805.132
43) L9 AR-1268-3	7.681	6.773	421.7E6	652.8E6	802.979	803.173
44) L9 AR-1268-4	7.993	7.060	174.6E6	279.5E6	800.249	818.290
45) L9 AR-1268-5	8.276	7.328	1224.6E6	1948.3E6	800.887	794.317

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:56
Operator : YP\AJ
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

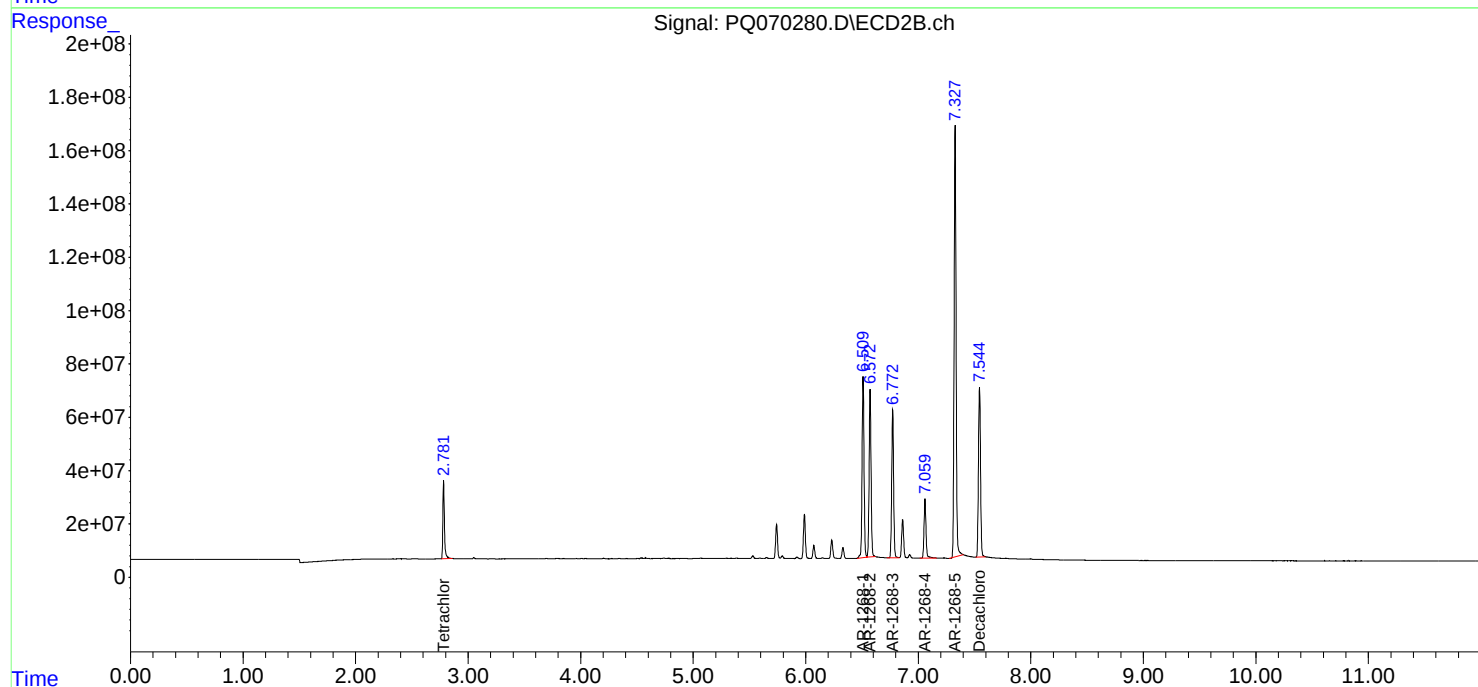
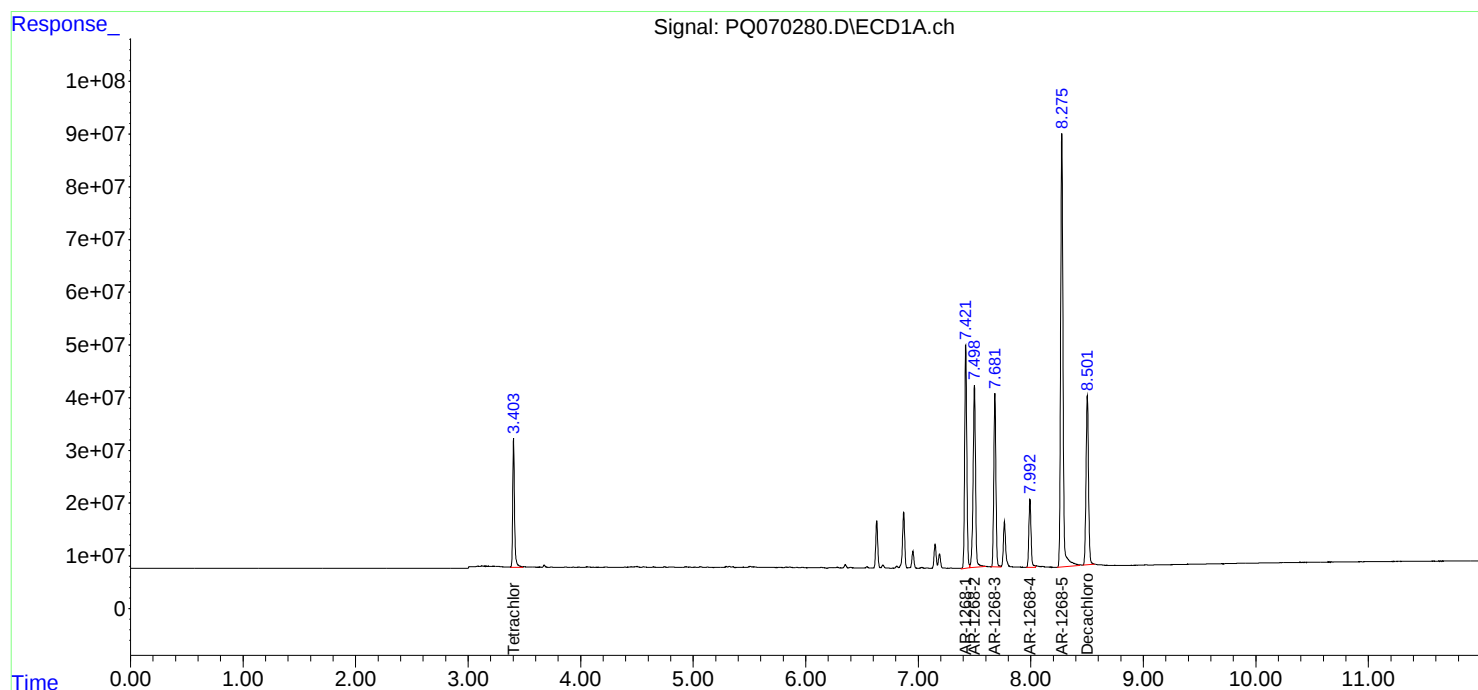
Instrument :
ECD_Q
ClientSampleId :
AR12684015

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:26:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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\PQ050725\
Data File : PQ070280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 18:56
Operator : YP\AJ
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

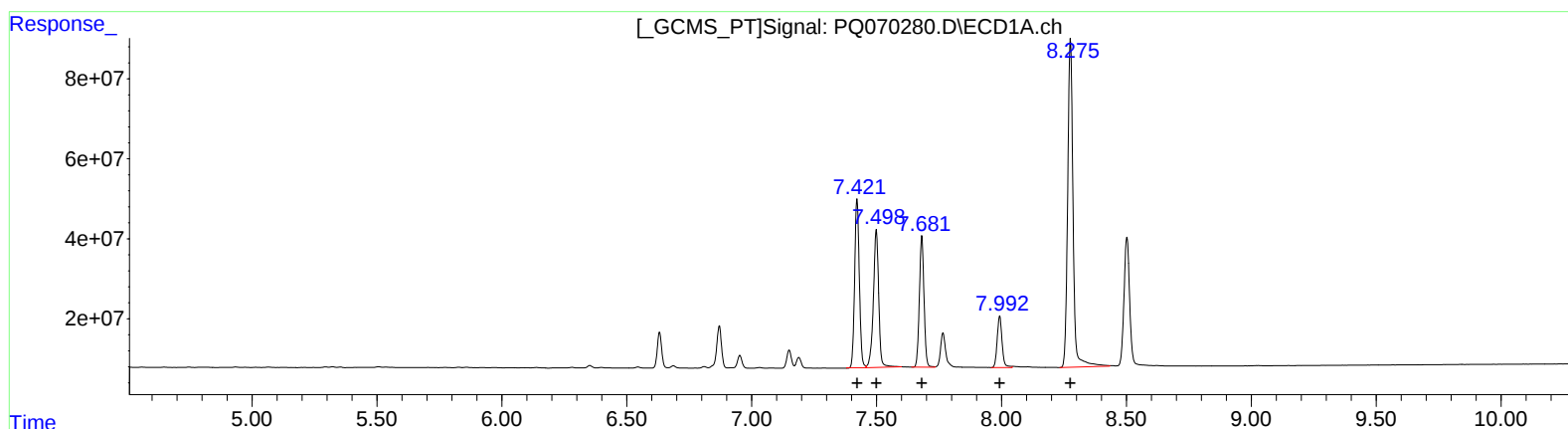
Instrument :
ECD_Q
LabSampleId :
AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:26:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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



QEdit

(41) AR-1268-1 (L9)
R.T. Response Conc
7.42 549550945 800.97
7.50 512744904 803.01
7.68 421739215 802.98
7.99 174603416 800.25
8.28 1224616557 800.89

(41) AR-1268-1 #2 (L9)
R.T. Response Conc
6.51 806302113 800.45
6.57 744219350 805.13
6.77 652821695 803.17
7.06 279465322 818.29
7.33 1948258638 794.32

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 18:56
 Operator : YP\AJ
 Sample : AR1268ICC800
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

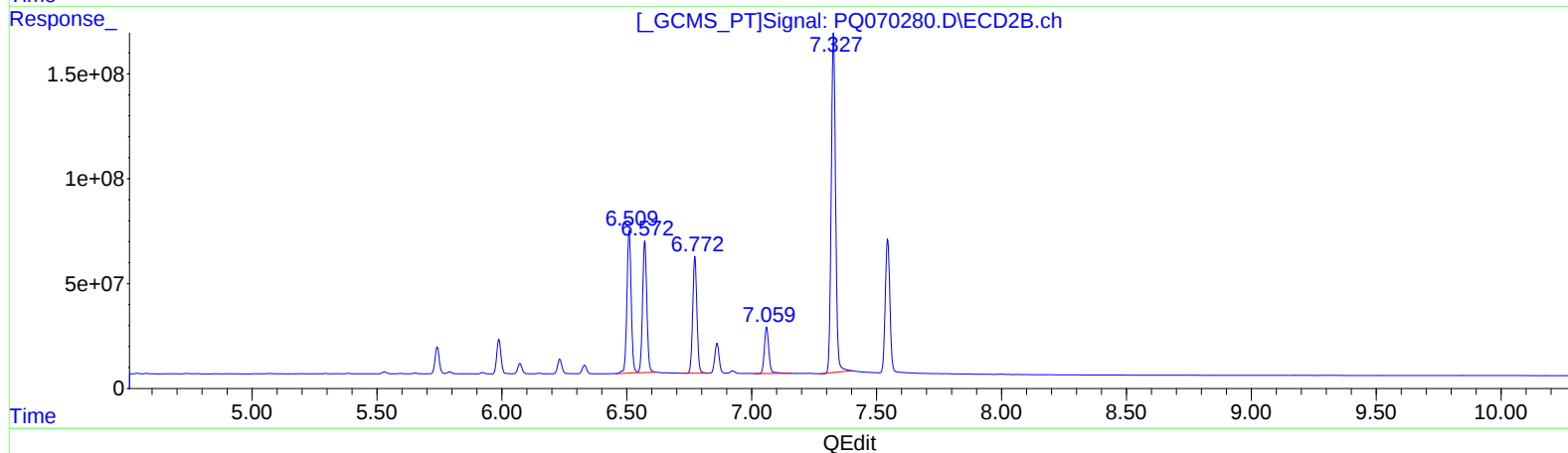
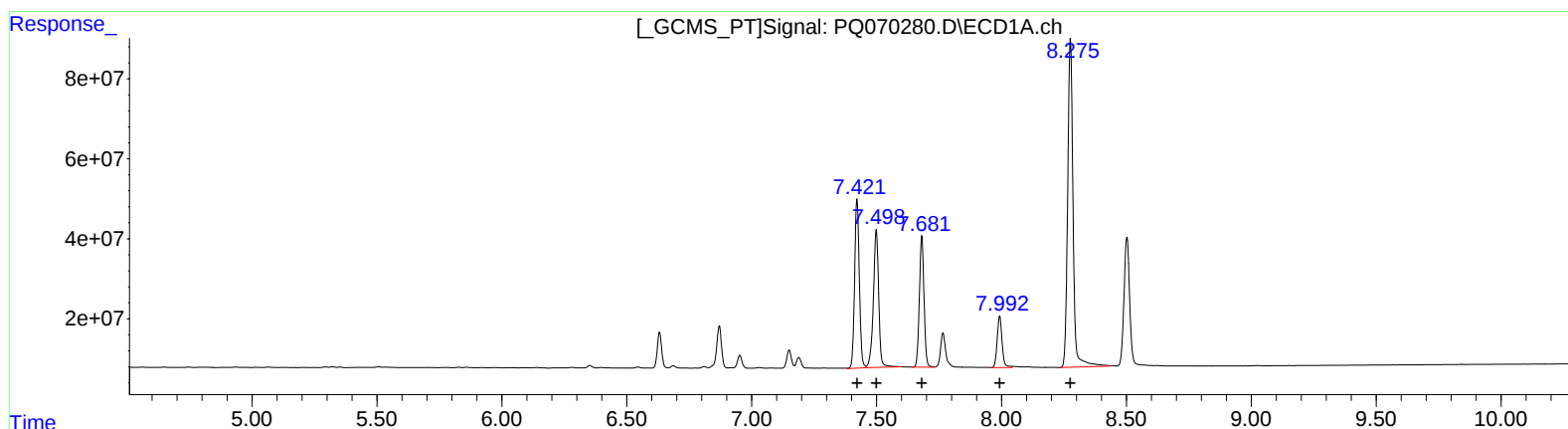
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:26:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



QEdit

(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 552212208 804.85
 7.50 512744904 803.01
 7.68 421739215 802.98
 7.99 174603416 800.25
 8.28 1224616557 800.89

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 810993638 805.11
 6.57 744219350 805.13
 6.77 652821695 803.17
 7.06 279465322 818.29
 7.33 1948258638 794.32

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 19:11
 Operator : YP\AJ
 Sample : AR1268ICC1600
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12685016

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:26:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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	500.0E6	518.6E6	74.789	74.035
2) SA Decachlor...	8.502	7.544	936.2E6	1541.3E6	151.011	151.129

Target Compounds

41) L9 AR-1268-1	7.422	6.509	1038.9E6	1508.3E6	1514.203m	1497.351m
42) L9 AR-1268-2	7.499	6.572	965.6E6	1395.5E6	1512.257	1509.689
43) L9 AR-1268-3	7.681	6.773	793.9E6	1224.2E6	1511.502	1506.204
44) L9 AR-1268-4	7.992	7.060	329.5E6	523.3E6	1509.990	1532.191
45) L9 AR-1268-5	8.276	7.327	2347.5E6	3781.6E6	1535.232	1541.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
Data File : PQ070281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 May 2025 19:11
Operator : YP\AJ
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

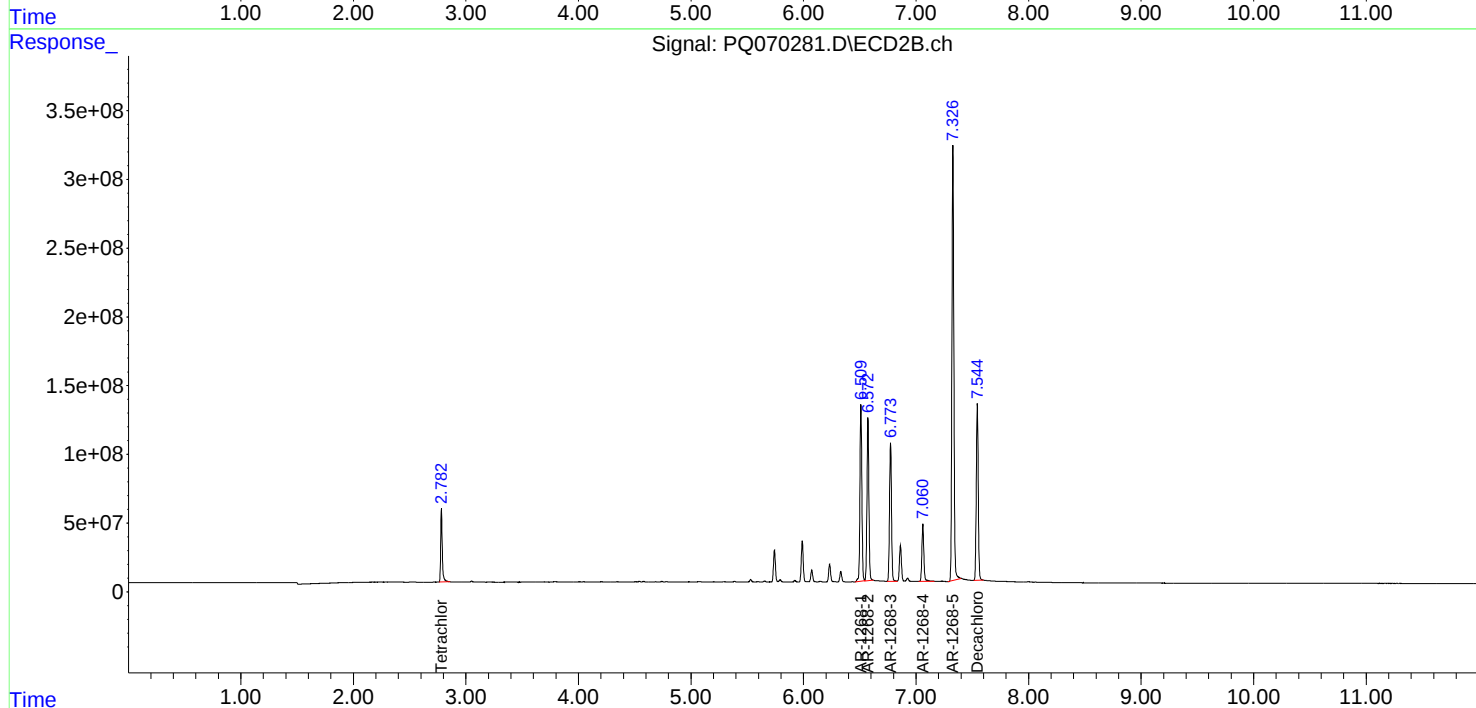
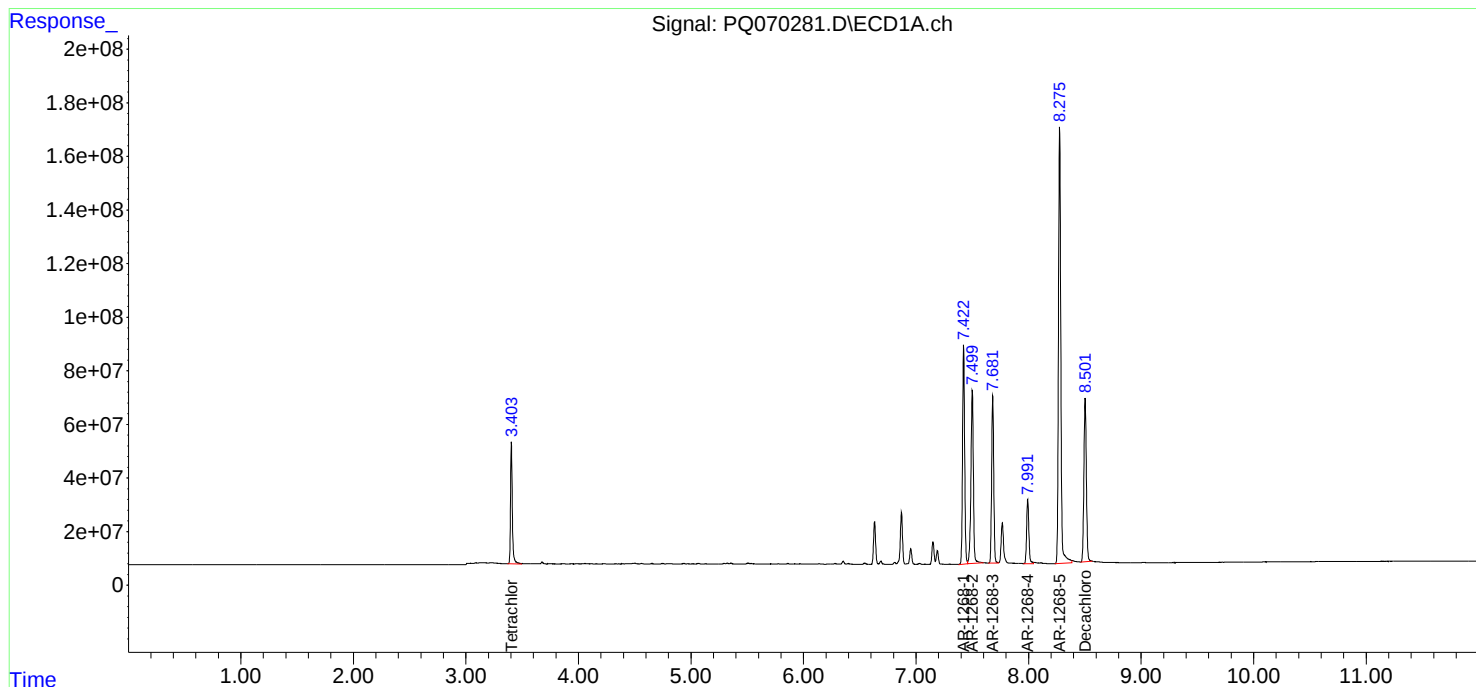
Instrument :
ECD_Q
ClientSampleId :
AR12685016

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 11:26:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 08 11:09:39 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\PQ050725\
 Data File : PQ070281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 19:11
 Operator : YP\AJ
 Sample : AR1268ICC1600
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

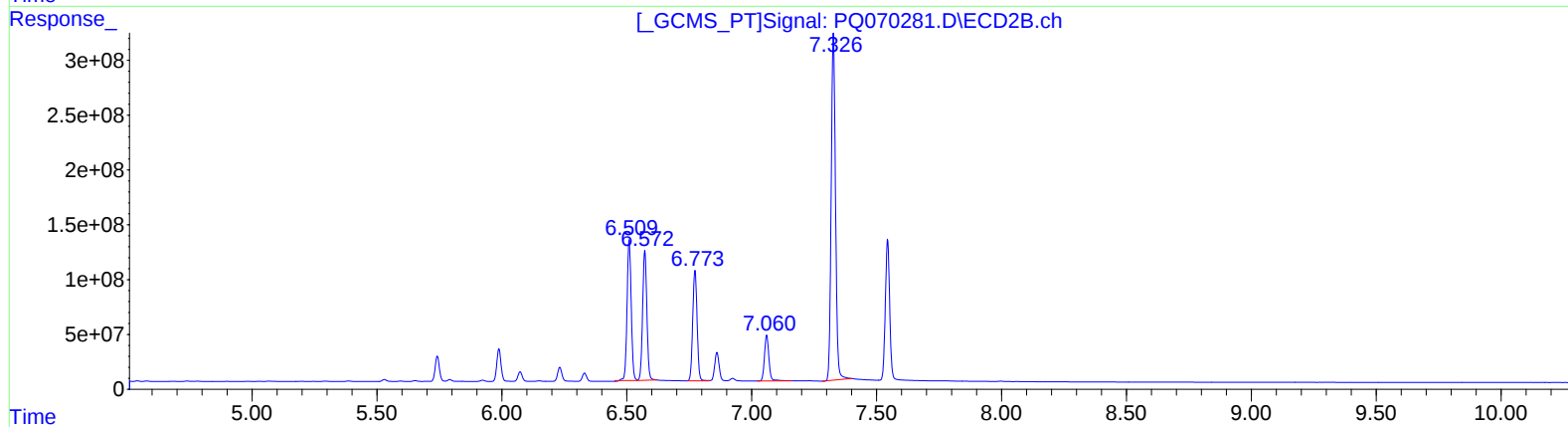
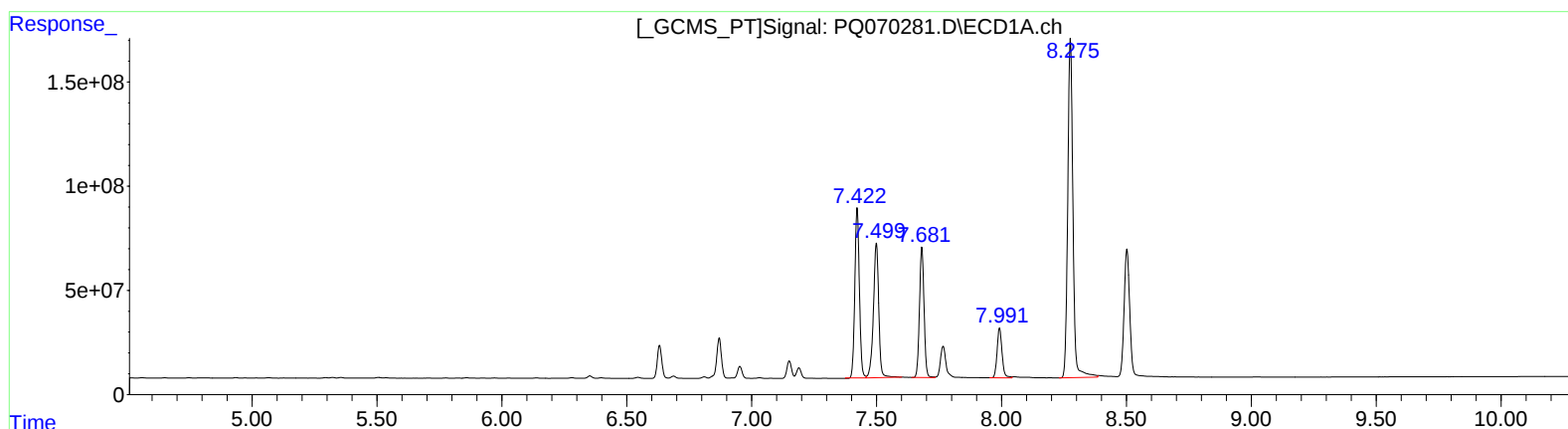
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:26:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



QEdit

(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 1034758749 1508.17
 7.50 965617515 1512.26
 7.68 793868141 1511.50
 7.99 329459219 1509.99
 8.28 2347484950 1535.23

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 1513090579 1502.10
 6.57 1395471836 1509.69
 6.77 1224248058 1506.20
 7.06 523279378 1532.19
 7.33 3781610262 1541.79

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050725\
 Data File : PQ070281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 19:11
 Operator : YP\AJ
 Sample : AR1268ICC1600
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

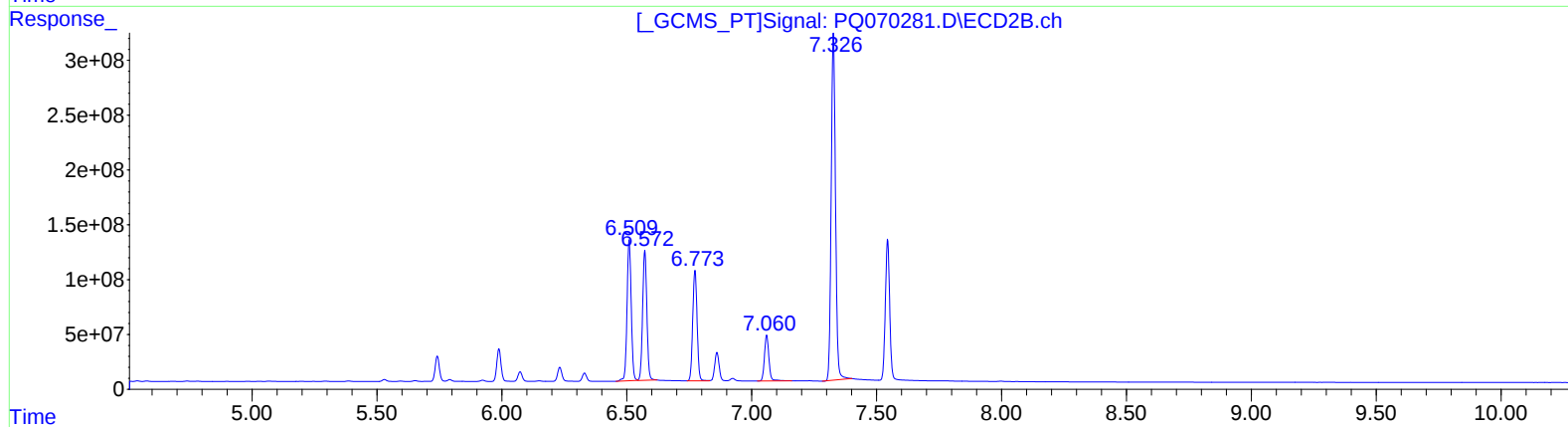
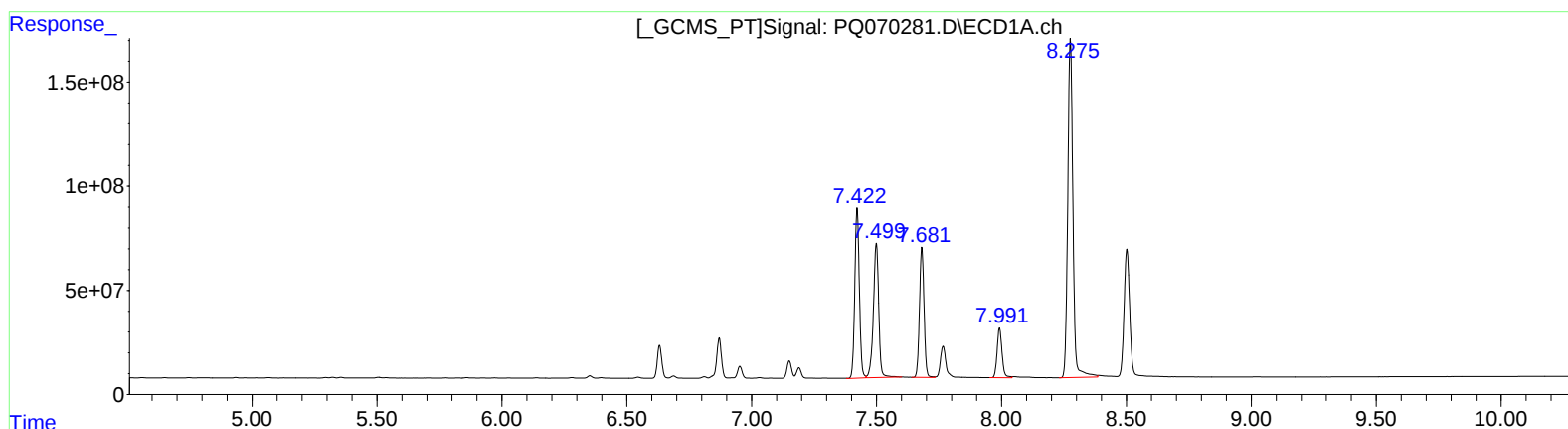
Instrument :
 ECD_Q
 LabSampleId :
 AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/08/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 11:26:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050725CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 08 11:09:39 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



QEdit

(41) AR-1268-1 (L9)
 R.T. Response Conc
 7.42 1038901271 1514.20
 7.50 965617515 1512.26
 7.68 793868141 1511.50
 7.99 329459219 1509.99
 8.28 2347484950 1535.23

(41) AR-1268-1 #2 (L9)
 R.T. Response Conc
 6.51 1508302607 1497.35
 6.57 1395471836 1509.69
 6.77 1224248058 1506.20
 7.06 523279378 1532.19
 7.33 3781610262 1541.79

Analytical Sequence

Client: Chemtech Consulting Group

SDG No.: Q2123

Project: Weekly Storage Blanks

Instrument ID: ECD_Q

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 05/07/2025

05/07/2025

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 #
AR16601027	AR1660ICC100	05/07/2025	09:43	PQ070242.D	8.50	3.40
AR16602028	AR1660ICC200	05/07/2025	09:57	PQ070243.D	8.50	3.40
AR16603029	AR1660ICC400	05/07/2025	10:12	PQ070244.D	8.50	3.40
AR16604030	AR1660ICC800	05/07/2025	10:26	PQ070245.D	8.50	3.40
AR16605031	AR1660ICC1600	05/07/2025	10:41	PQ070246.D	8.50	3.40
AR12211032	AR1221ICC100	05/07/2025	10:55	PQ070247.D	8.50	3.40
AR12212033	AR1221ICC200	05/07/2025	11:10	PQ070248.D	8.50	3.40
AR12213034	AR1221ICC400	05/07/2025	11:25	PQ070249.D	8.50	3.40
AR12214035	AR1221ICC800	05/07/2025	11:39	PQ070250.D	8.50	3.40
AR12215036	AR1221ICC1600	05/07/2025	11:54	PQ070251.D	8.50	3.40
AR12321037	AR1232ICC100	05/07/2025	12:08	PQ070252.D	8.50	3.40
AR12322038	AR1232ICC200	05/07/2025	12:23	PQ070253.D	8.50	3.41
AR12323039	AR1232ICC400	05/07/2025	12:37	PQ070254.D	8.50	3.40
AR12324040	AR1232ICC800	05/07/2025	12:52	PQ070255.D	8.50	3.40
AR12325041	AR1232ICC1600	05/07/2025	13:06	PQ070256.D	8.50	3.40
AR12421042	AR1242ICC100	05/07/2025	13:21	PQ070257.D	8.50	3.40
AR12422043	AR1242ICC200	05/07/2025	13:36	PQ070258.D	8.50	3.40
AR12423044	AR1242ICC400	05/07/2025	13:50	PQ070259.D	8.50	3.40
AR12424045	AR1242ICC800	05/07/2025	14:05	PQ070260.D	8.50	3.40
AR12425046	AR1242ICC1600	05/07/2025	14:19	PQ070261.D	8.50	3.40
AR12481047	AR1248ICC100	05/07/2025	14:34	PQ070262.D	8.50	3.40
AR12482048	AR1248ICC200	05/07/2025	14:48	PQ070263.D	8.50	3.41
AR12483049	AR1248ICC400	05/07/2025	15:03	PQ070264.D	8.50	3.40
AR12484050	AR1248ICC800	05/07/2025	15:18	PQ070265.D	8.50	3.40
AR12485001	AR1248ICC1600	05/07/2025	15:32	PQ070266.D	8.50	3.40
AR12541002	AR1254ICC100	05/07/2025	15:47	PQ070267.D	8.50	3.40
AR12542003	AR1254ICC200	05/07/2025	16:01	PQ070268.D	8.50	3.40
AR12543004	AR1254ICC400	05/07/2025	16:16	PQ070269.D	8.50	3.40
AR12544005	AR1254ICC800	05/07/2025	16:31	PQ070270.D	8.50	3.40
AR12545006	AR1254ICC1600	05/07/2025	16:45	PQ070271.D	8.50	3.40
AR12621007	AR1262ICC100	05/07/2025	17:00	PQ070272.D	8.50	3.40
AR12622008	AR1262ICC200	05/07/2025	17:14	PQ070273.D	8.50	3.40
AR12623009	AR1262ICC400	05/07/2025	17:29	PQ070274.D	8.50	3.40
AR12624010	AR1262ICC800	05/07/2025	17:43	PQ070275.D	8.50	3.40
AR12625011	AR1262ICC1600	05/07/2025	17:58	PQ070276.D	8.50	3.40
AR12681012	AR1268ICC100	05/07/2025	18:13	PQ070277.D	8.50	3.40
AR12682013	AR1268ICC200	05/07/2025	18:27	PQ070278.D	8.50	3.40
AR12683014	AR1268ICC400	05/07/2025	18:42	PQ070279.D	8.50	3.40
AR12684015	AR1268ICC800	05/07/2025	18:56	PQ070280.D	8.50	3.40
AR12685016	AR1268ICC1600	05/07/2025	19:11	PQ070281.D	8.50	3.40
PCB-GPC2-BLANK	Q2123-13	05/28/2025	12:34	PQ070300.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q2123-14	05/28/2025	12:48	PQ070301.D	0.00	0.00

Analytical Sequence

Analytical Sequence

Client: Chemtech Consulting Group	SDG No.: Q2123
Project: Weekly Storage Blanks	Instrument ID: ECD_Q
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/07/2025 05/07/2025

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 #
AR16601027	AR1660ICC100	05/07/2025	09:43	PQ070242.D	7.55	2.78
AR16602028	AR1660ICC200	05/07/2025	09:57	PQ070243.D	7.55	2.78
AR16603029	AR1660ICC400	05/07/2025	10:12	PQ070244.D	7.55	2.78
AR16604030	AR1660ICC800	05/07/2025	10:26	PQ070245.D	7.55	2.78
AR16605031	AR1660ICC1600	05/07/2025	10:41	PQ070246.D	7.54	2.78
AR12211032	AR1221ICC100	05/07/2025	10:55	PQ070247.D	7.54	2.78
AR12212033	AR1221ICC200	05/07/2025	11:10	PQ070248.D	7.55	2.78
AR12213034	AR1221ICC400	05/07/2025	11:25	PQ070249.D	7.55	2.78
AR12214035	AR1221ICC800	05/07/2025	11:39	PQ070250.D	7.54	2.78
AR12215036	AR1221ICC1600	05/07/2025	11:54	PQ070251.D	7.55	2.78
AR12321037	AR1232ICC100	05/07/2025	12:08	PQ070252.D	7.54	2.78
AR12322038	AR1232ICC200	05/07/2025	12:23	PQ070253.D	7.55	2.78
AR12323039	AR1232ICC400	05/07/2025	12:37	PQ070254.D	7.54	2.78
AR12324040	AR1232ICC800	05/07/2025	12:52	PQ070255.D	7.54	2.78
AR12325041	AR1232ICC1600	05/07/2025	13:06	PQ070256.D	7.55	2.78
AR12421042	AR1242ICC100	05/07/2025	13:21	PQ070257.D	7.54	2.78
AR12422043	AR1242ICC200	05/07/2025	13:36	PQ070258.D	7.55	2.78
AR12423044	AR1242ICC400	05/07/2025	13:50	PQ070259.D	7.55	2.78
AR12424045	AR1242ICC800	05/07/2025	14:05	PQ070260.D	7.54	2.78
AR12425046	AR1242ICC1600	05/07/2025	14:19	PQ070261.D	7.54	2.78
AR12481047	AR1248ICC100	05/07/2025	14:34	PQ070262.D	7.54	2.78
AR12482048	AR1248ICC200	05/07/2025	14:48	PQ070263.D	7.54	2.78
AR12483049	AR1248ICC400	05/07/2025	15:03	PQ070264.D	7.54	2.78
AR12484050	AR1248ICC800	05/07/2025	15:18	PQ070265.D	7.55	2.78
AR12485001	AR1248ICC1600	05/07/2025	15:32	PQ070266.D	7.54	2.78
AR12541002	AR1254ICC100	05/07/2025	15:47	PQ070267.D	7.55	2.78
AR12542003	AR1254ICC200	05/07/2025	16:01	PQ070268.D	7.55	2.78
AR12543004	AR1254ICC400	05/07/2025	16:16	PQ070269.D	7.55	2.78
AR12544005	AR1254ICC800	05/07/2025	16:31	PQ070270.D	7.54	2.78
AR12545006	AR1254ICC1600	05/07/2025	16:45	PQ070271.D	7.54	2.78
AR12621007	AR1262ICC100	05/07/2025	17:00	PQ070272.D	7.54	2.78
AR12622008	AR1262ICC200	05/07/2025	17:14	PQ070273.D	7.54	2.78
AR12623009	AR1262ICC400	05/07/2025	17:29	PQ070274.D	7.54	2.78
AR12624010	AR1262ICC800	05/07/2025	17:43	PQ070275.D	7.54	2.78
AR12625011	AR1262ICC1600	05/07/2025	17:58	PQ070276.D	7.54	2.78
AR12681012	AR1268ICC100	05/07/2025	18:13	PQ070277.D	7.55	2.78
AR12682013	AR1268ICC200	05/07/2025	18:27	PQ070278.D	7.54	2.78
AR12683014	AR1268ICC400	05/07/2025	18:42	PQ070279.D	7.54	2.78
AR12684015	AR1268ICC800	05/07/2025	18:56	PQ070280.D	7.54	2.78
AR12685016	AR1268ICC1600	05/07/2025	19:11	PQ070281.D	7.54	2.78
PCB-GPC2-BLANK	Q2123-13	05/28/2025	12:34	PQ070300.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q2123-14	05/28/2025	12:48	PQ070301.D	0.00	0.00

Analytical Sequence



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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GPC2-BLANK-SPIK

Contract: CHEM02

Lab Code: CHEM Case No.: Q2123 SAS No.: Q2123 SDG NO.: Q2123

Lab Sample ID: Q2123-14 Date(s) Analyzed: 05/28/2025 05/28/2025

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 PQ070301.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.489	4.439	4.539	149	165	1.9
COLUMN 1	2	4.507	4.457	4.557	174		
	3	4.565	4.515	4.615	175		
	4	4.655	4.605	4.705	167		
	5	4.939	4.889	4.989	161		
	1	3.786	3.736	3.836	153		
COLUMN 2	2	3.801	3.751	3.851	193	169	
	3	3.961	3.911	4.011	163		
	4	4.009	3.959	4.059	169		
	5	4.204	4.154	4.254	165		
Aroclor-1260	1	6.028	5.978	6.078	196	175	4.8
COLUMN 1	2	6.284	6.234	6.334	180		
	3	6.635	6.585	6.685	168		
	4	6.849	6.799	6.899	174		
	5	7.155	7.105	7.205	160		
	1	5.197	5.147	5.247	198	184	
COLUMN 2	2	5.386	5.336	5.436	185		
	3	5.527	5.477	5.577	197		
	4	5.987	5.937	6.037	167		
	5	6.233	6.183	6.283	172		



QC SAMPLE DATA

Manual Integration Report

Sequence:

PQ050725

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC100	PQ070257.D	Decachlorobiphenyl #2	yogesh	5/8/2025 12:28:10 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC100	PQ070277.D	AR-1268-1 #2	yogesh	5/8/2025 12:28:11 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC200	PQ070278.D	AR-1268-1	yogesh	5/8/2025 12:28:13 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC200	PQ070278.D	AR-1268-1 #2	yogesh	5/8/2025 12:28:13 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC400	PQ070279.D	AR-1268-1	yogesh	5/8/2025 12:28:16 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC400	PQ070279.D	AR-1268-1 #2	yogesh	5/8/2025 12:28:16 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC800	PQ070280.D	AR-1268-1	yogesh	5/8/2025 12:28:16 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC800	PQ070280.D	AR-1268-1 #2	yogesh	5/8/2025 12:28:16 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC1600	PQ070281.D	AR-1268-1	yogesh	5/8/2025 12:28:18 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software
AR1268ICC1600	PQ070281.D	AR-1268-1 #2	yogesh	5/8/2025 12:28:18 PM	mohammad	5/12/2025 1:56:33	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PQ052825

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 # PQ050725

Review By	yogesh	Review On	5/7/2025 2:48:57 PM
Supervise By	mohammad	Supervise On	5/12/2025 1:56:33 AM
SubDirectory	PQ050725	HP Acquire Method	HP Processing Method PQ050725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,PP24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070240.D	07 May 2025 09:13	YP\AJ	Ok
2	AIBLK24	PQ070241.D	07 May 2025 09:28	YP\AJ	Ok
3	AR1660ICC100	PQ070242.D	07 May 2025 09:43	YP\AJ	Ok
4	AR1660ICC200	PQ070243.D	07 May 2025 09:57	YP\AJ	Ok
5	AR1660ICC400	PQ070244.D	07 May 2025 10:12	YP\AJ	Ok
6	AR1660ICC800	PQ070245.D	07 May 2025 10:26	YP\AJ	Ok
7	AR1660ICC1600	PQ070246.D	07 May 2025 10:41	YP\AJ	Ok
8	AR1221ICC100	PQ070247.D	07 May 2025 10:55	YP\AJ	Ok
9	AR1221ICC200	PQ070248.D	07 May 2025 11:10	YP\AJ	Ok
10	AR1221ICC400	PQ070249.D	07 May 2025 11:25	YP\AJ	Ok
11	AR1221ICC800	PQ070250.D	07 May 2025 11:39	YP\AJ	Ok
12	AR1221ICC1600	PQ070251.D	07 May 2025 11:54	YP\AJ	Ok
13	AR1232ICC100	PQ070252.D	07 May 2025 12:08	YP\AJ	Ok
14	AR1232ICC200	PQ070253.D	07 May 2025 12:23	YP\AJ	Ok
15	AR1232ICC400	PQ070254.D	07 May 2025 12:37	YP\AJ	Ok
16	AR1232ICC800	PQ070255.D	07 May 2025 12:52	YP\AJ	Ok
17	AR1232ICC1600	PQ070256.D	07 May 2025 13:06	YP\AJ	Ok
18	AR1242ICC100	PQ070257.D	07 May 2025 13:21	YP\AJ	Ok,M
19	AR1242ICC200	PQ070258.D	07 May 2025 13:36	YP\AJ	Ok
20	AR1242ICC400	PQ070259.D	07 May 2025 13:50	YP\AJ	Ok
21	AR1242ICC800	PQ070260.D	07 May 2025 14:05	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ050725

Review By	yogesh	Review On	5/7/2025 2:48:57 PM
Supervise By	mohammad	Supervise On	5/12/2025 1:56:33 AM
SubDirectory	PQ050725	HP Acquire Method	HP Processing Method PQ050725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,PP24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551		

22	AR1242ICC1600	PQ070261.D	07 May 2025 14:19	YPIAJ	Ok
23	AR1248ICC100	PQ070262.D	07 May 2025 14:34	YPIAJ	Ok
24	AR1248ICC200	PQ070263.D	07 May 2025 14:48	YPIAJ	Ok
25	AR1248ICC400	PQ070264.D	07 May 2025 15:03	YPIAJ	Ok
26	AR1248ICC800	PQ070265.D	07 May 2025 15:18	YPIAJ	Ok
27	AR1248ICC1600	PQ070266.D	07 May 2025 15:32	YPIAJ	Ok
28	AR1254ICC100	PQ070267.D	07 May 2025 15:47	YPIAJ	Ok
29	AR1254ICC200	PQ070268.D	07 May 2025 16:01	YPIAJ	Ok
30	AR1254ICC400	PQ070269.D	07 May 2025 16:16	YPIAJ	Ok
31	AR1254ICC800	PQ070270.D	07 May 2025 16:31	YPIAJ	Ok
32	AR1254ICC1600	PQ070271.D	07 May 2025 16:45	YPIAJ	Ok
33	AR1262ICC100	PQ070272.D	07 May 2025 17:00	YPIAJ	Ok
34	AR1262ICC200	PQ070273.D	07 May 2025 17:14	YPIAJ	Ok
35	AR1262ICC400	PQ070274.D	07 May 2025 17:29	YPIAJ	Ok
36	AR1262ICC800	PQ070275.D	07 May 2025 17:43	YPIAJ	Ok
37	AR1262ICC1600	PQ070276.D	07 May 2025 17:58	YPIAJ	Ok
38	AR1268ICC100	PQ070277.D	07 May 2025 18:13	YPIAJ	Ok,M
39	AR1268ICC200	PQ070278.D	07 May 2025 18:27	YPIAJ	Ok,M
40	AR1268ICC400	PQ070279.D	07 May 2025 18:42	YPIAJ	Ok,M
41	AR1268ICC800	PQ070280.D	07 May 2025 18:56	YPIAJ	Ok,M
42	AR1268ICC1600	PQ070281.D	07 May 2025 19:11	YPIAJ	Ok,M
43	AIBLK25	PQ070282.D	07 May 2025 19:25	YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ052825

Review By	yogesh	Review On	5/28/2025 1:13:58 PM
Supervise By	mohammad	Supervise On	5/30/2025 1:45:15 AM
SubDirectory	PQ052825	HP Acquire Method	HP Processing Method PQ050725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,PP24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551		
CCC	PP24513		
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070297.D	28 May 2025 11:05	YP\AJ	Ok
2	AIBLK30	PQ070298.D	28 May 2025 11:20	YP\AJ	Ok
3	AR1660CCC400	PQ070299.D	28 May 2025 11:34	YP\AJ	Ok
4	Q2123-13	PQ070300.D	28 May 2025 12:34	YP\AJ	Ok
5	Q2123-14	PQ070301.D	28 May 2025 12:48	YP\AJ	Ok
6	AIBLK31	PQ070302.D	28 May 2025 13:03	YP\AJ	Ok
7	AR1660CCC400	PQ070303.D	28 May 2025 13:17	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ050725

Review By	yogesh	Review On	5/7/2025 2:48:57 PM
Supervise By	mohammad	Supervise On	5/12/2025 1:56:33 AM
SubDirectory	PQ050725	HP Acquire Method	HP Processing Method PQ050725

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,P P24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP 24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070240.D	07 May 2025 09:13		YP\AJ	Ok
2	AIBLK24	AIBLK350	PQ070241.D	07 May 2025 09:28		YP\AJ	Ok
3	AR1660ICC100	AR16601027	PQ070242.D	07 May 2025 09:43		YP\AJ	Ok
4	AR1660ICC200	AR16602028	PQ070243.D	07 May 2025 09:57		YP\AJ	Ok
5	AR1660ICC400	AR16603029	PQ070244.D	07 May 2025 10:12		YP\AJ	Ok
6	AR1660ICC800	AR16604030	PQ070245.D	07 May 2025 10:26		YP\AJ	Ok
7	AR1660ICC1600	AR16605031	PQ070246.D	07 May 2025 10:41		YP\AJ	Ok
8	AR1221ICC100	AR12211032	PQ070247.D	07 May 2025 10:55		YP\AJ	Ok
9	AR1221ICC200	AR12212033	PQ070248.D	07 May 2025 11:10		YP\AJ	Ok
10	AR1221ICC400	AR12213034	PQ070249.D	07 May 2025 11:25		YP\AJ	Ok
11	AR1221ICC800	AR12214035	PQ070250.D	07 May 2025 11:39		YP\AJ	Ok
12	AR1221ICC1600	AR12215036	PQ070251.D	07 May 2025 11:54		YP\AJ	Ok
13	AR1232ICC100	AR12321037	PQ070252.D	07 May 2025 12:08		YP\AJ	Ok
14	AR1232ICC200	AR12322038	PQ070253.D	07 May 2025 12:23		YP\AJ	Ok
15	AR1232ICC400	AR12323039	PQ070254.D	07 May 2025 12:37		YP\AJ	Ok
16	AR1232ICC800	AR12324040	PQ070255.D	07 May 2025 12:52		YP\AJ	Ok
17	AR1232ICC1600	AR12325041	PQ070256.D	07 May 2025 13:06		YP\AJ	Ok
18	AR1242ICC100	AR12421042	PQ070257.D	07 May 2025 13:21		YP\AJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ050725

Review By	yogesh	Review On	5/7/2025 2:48:57 PM
Supervise By	mohammad	Supervise On	5/12/2025 1:56:33 AM
SubDirectory	PQ050725	HP Acquire Method	HP Processing Method PQ050725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,P P24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP 24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551		

19	AR1242ICC200	AR12422043	PQ070258.D	07 May 2025 13:36		YPIAJ	Ok
20	AR1242ICC400	AR12423044	PQ070259.D	07 May 2025 13:50		YPIAJ	Ok
21	AR1242ICC800	AR12424045	PQ070260.D	07 May 2025 14:05		YPIAJ	Ok
22	AR1242ICC1600	AR12425046	PQ070261.D	07 May 2025 14:19		YPIAJ	Ok
23	AR1248ICC100	AR12481047	PQ070262.D	07 May 2025 14:34		YPIAJ	Ok
24	AR1248ICC200	AR12482048	PQ070263.D	07 May 2025 14:48		YPIAJ	Ok
25	AR1248ICC400	AR12483049	PQ070264.D	07 May 2025 15:03		YPIAJ	Ok
26	AR1248ICC800	AR12484050	PQ070265.D	07 May 2025 15:18		YPIAJ	Ok
27	AR1248ICC1600	AR12485001	PQ070266.D	07 May 2025 15:32		YPIAJ	Ok
28	AR1254ICC100	AR12541002	PQ070267.D	07 May 2025 15:47		YPIAJ	Ok
29	AR1254ICC200	AR12542003	PQ070268.D	07 May 2025 16:01		YPIAJ	Ok
30	AR1254ICC400	AR12543004	PQ070269.D	07 May 2025 16:16		YPIAJ	Ok
31	AR1254ICC800	AR12544005	PQ070270.D	07 May 2025 16:31		YPIAJ	Ok
32	AR1254ICC1600	AR12545006	PQ070271.D	07 May 2025 16:45		YPIAJ	Ok
33	AR1262ICC100	AR12621007	PQ070272.D	07 May 2025 17:00		YPIAJ	Ok
34	AR1262ICC200	AR12622008	PQ070273.D	07 May 2025 17:14		YPIAJ	Ok
35	AR1262ICC400	AR12623009	PQ070274.D	07 May 2025 17:29		YPIAJ	Ok
36	AR1262ICC800	AR12624010	PQ070275.D	07 May 2025 17:43		YPIAJ	Ok
37	AR1262ICC1600	AR12625011	PQ070276.D	07 May 2025 17:58		YPIAJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ050725

Review By	yogesh	Review On	5/7/2025 2:48:57 PM
Supervise By	mohammad	Supervise On	5/12/2025 1:56:33 AM
SubDirectory	PQ050725	HP Acquire Method	HP Processing Method PQ050725
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,P P24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP 24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551		

38	AR1268ICC100	AR12681012	PQ070277.D	07 May 2025 18:13		YPIAJ	Ok,M
39	AR1268ICC200	AR12682013	PQ070278.D	07 May 2025 18:27		YPIAJ	Ok,M
40	AR1268ICC400	AR12683014	PQ070279.D	07 May 2025 18:42		YPIAJ	Ok,M
41	AR1268ICC800	AR12684015	PQ070280.D	07 May 2025 18:56		YPIAJ	Ok,M
42	AR1268ICC1600	AR12685016	PQ070281.D	07 May 2025 19:11		YPIAJ	Ok,M
43	AIBLK25	AIBLK351	PQ070282.D	07 May 2025 19:25		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ052825

Review By	yogesh	Review On	5/28/2025 1:13:58 PM
Supervise By	mohammad	Supervise On	5/30/2025 1:45:15 AM
SubDirectory	PQ052825	HP Acquire Method	HP Processing Method PQ050725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24511,PP24512,PP24513,PP24514,PP24515,PP24516,PP24517,PP24518,PP24519,PP24520,PP24521,PP24522,PP24523,PP24524,PP24525,P P24526,PP24527,PP24528,PP24529,PP24530,PP24531,PP24532,PP24533,PP24534,PP24535,PP24536,PP24537,PP24538,PP24539,PP24540,PP 24541,PP24542,PP24543,PP24544,PP24545,PP24546,PP24547,PP24548,PP24549,PP24550,PP24551
CCC	PP24513
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070297.D	28 May 2025 11:05		YP\AJ	Ok
2	AIBLK30	AIBLK356	PQ070298.D	28 May 2025 11:20		YP\AJ	Ok
3	AR1660CCC400	AR16603164	PQ070299.D	28 May 2025 11:34		YP\AJ	Ok
4	Q2123-13	PCB-GPC2-BLANK	PQ070300.D	28 May 2025 12:34		YP\AJ	Ok
5	Q2123-14	PCB-GPC2-BLANK-SP	PQ070301.D	28 May 2025 12:48		YP\AJ	Ok
6	AIBLK31	AIBLK357	PQ070302.D	28 May 2025 13:03		YP\AJ	Ok
7	AR1660CCC400	AR16603165	PQ070303.D	28 May 2025 13:17		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135904

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
Q2122-01	1	1	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-02	3	2	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-03	5	3	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-04	10	4	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-05	18	5	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-06	14	6	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-07	19	7	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-08	22	8	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-09	25	9	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2122-10	28	10	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2123-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2123-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q2123-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q2123-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q2123-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q2123-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q2123-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2123-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q2123-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q2123-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q2125-01	GSB1	21	1.14	10.35	11.49	10.38	89.3	
Q2125-02	GSB2	22	1.14	10.75	11.89	10.62	88.2	
Q2125-03	GSB3	23	1.14	10.44	11.58	10.36	88.3	
Q2125-04	GSB4	24	1.12	10.78	11.9	11.18	93.3	
Q2125-05	GSB5	25	1.15	10.77	11.92	10.52	87.0	
Q2127-01	COMP-1	26	1.19	10.27	11.46	10.37	89.4	
Q2127-02	EPH-1-A	27	1.13	10.13	11.26	10.21	89.6	
Q2127-03	EPH-1-B	28	1.15	10.34	11.49	10.38	89.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:27
Out Date: 05/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135904

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
Q2127-04	EPH-1-C	29	1.11	10.38	11.49	10.53	90.8	
Q2127-05	EPH-1-D	30	1.19	10.48	11.67	10.59	89.7	
Q2127-06	EPH-1-E	31	1.16	10.00	11.16	10.19	90.3	
Q2127-07	EPH-1-F	32	1.19	9.94	11.13	10.12	89.8	
Q2127-08	EPH-1-G	33	1.12	10.86	11.98	10.72	88.4	
Q2127-09	EPH-1-H	34	1.19	10.41	11.6	10.44	88.9	
Q2127-11	COMP-2	35	1.18	10.25	11.43	10.34	89.4	
Q2127-12	EPH-2-A	36	1.19	9.86	11.05	9.96	88.9	
Q2127-13	EPH-2-B	37	1.17	10.60	11.77	10.58	88.8	
Q2127-14	EPH-2-C	38	1.13	10.14	11.27	9.98	87.3	
Q2127-15	EPH-2-D	39	1.15	10.22	11.37	10.17	88.3	
Q2127-16	EPH-2-E	40	1.13	10.53	11.66	10.42	88.2	
Q2127-17	EPH-2-F	41	1.15	10.60	11.75	10.63	89.4	
Q2127-18	EPH-2-G	42	1.13	10.51	11.64	10.52	89.3	
Q2127-19	EPH-2-H	43	1.13	10.76	11.89	10.88	90.6	

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

WORKLIST(Hardcopy Internal Chain)

135904

WorkList Name : %1-052325

WorkList ID : 189718

Department : Wet-Chemistry

Date : 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2122-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-02	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-03	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-04	10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-05	18	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-06	14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-07	19	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-08	22	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-09	25	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2122-10	28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L11	05/23/2025	Chemtech -SO
Q2123-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2123-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q2125-01	GSB1	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 05/23/25 17:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

187135964

WorkList Name : %1-052325

WorkList ID : 189718

Department : Wet-Chemistry

Date : 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-02	GSB2	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-03	GSB3	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-04	GSB4	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2125-05	GSB5	Solid	Percent Solids	Cool 4 deg C	GENV01	L31	05/23/2025	Chemtech -SO
Q2127-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-02	EPH-1-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-03	EPH-1-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-04	EPH-1-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-05	EPH-1-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-06	EPH-1-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-07	EPH-1-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-08	EPH-1-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-09	EPH-1-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-11	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-12	EPH-2-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-13	EPH-2-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-14	EPH-2-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-15	EPH-2-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-16	EPH-2-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-17	EPH-2-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO
Q2127-18	EPH-2-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:40
 Raw Sample Received by: 88 ucc
 Raw Sample Relinquished by: OP 5m

Date/Time 05/23/25 17:10

Raw Sample Received by: OP 5m

Raw Sample Relinquished by: 88 ucc

WORKLIST(Hardcopy Internal Chain)

135904

WorkList Name : %1-052325

WorkList ID : 189718

Department : Wet-Chemistry

Date : 05-23-2025 07:31:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2127-19	EPH-2-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/23/2025	Chemtech -SO

Date/Time 05/23/25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 05/23/25 17:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

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

Clean Up SOP #: GPC Cleanup, Acid Cleanup

Extraction Start Date : 05/27/2025

Matrix : Solid

Extraction Start Time : 13:26

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 05/28/2025

Balance check: N/A

Filter By: N/A

Extraction End Time : 10:15

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	EP2612
Baked Na2SO4	N/A	EP2614
Hexane	N/A	E3938
H2SO4 1:1	N/A	EP2610
Methylene Chloride	N/A	E3939
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
5/28/25	RS (Ext Lab)	Y-P Pestirao
10:20	Preparation Group	Analysis Group

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

Concentration Date: 05/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q2123-13	PCB-GPC2-BLANK	PCB	10.0	N/A	Evelyn	RUPESH	5			
Q2123-14	PCB-GCP2-BLANK-SPIKE	PCB	10.0	N/A	Evelyn	RUPESH	5			

RS
5/28

19/05/2025

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2123 WorkList ID : 189766 Department : Extraction Date : 05-27-2025 13:21:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2123-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	L31	05/02/2025	SFAM_SVOC
Q2123-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	05/02/2025	SFAM_PEST
Q2123-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	L31	05/02/2025	SFAM_PEST
Q2123-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	L31	05/02/2025	SFAM_PCB
Q2123-14	PCB-GCP2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	L31	05/02/2025	SFAM_PCB

Date/Time 5/27/25 13:21
Raw Sample Received by: RJ (EXT-66)
Raw Sample Relinquished by: CP

Date/Time 5/27/25 13:45
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (EXT-66)



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:

Q2123

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group

ADDRESS: 284 Sheffield Street

CITY Mountainside STATE: NJ ZIP: 07092

ATTENTION: QA Officer

PHOT 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

<-- Specify Preservatives

A-HCl B-HNO3

C-H2SO4 D-NaOH

E-ICE F-Other

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	
			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 PROSESSION 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?: _____
1. Sam	05/23/25	1.	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

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:

Q2123

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
			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

1. Sam 5/23/25 1.

RELINQUISHED BY DATE/TIME RECEIVED BY

2.

RELINQUISHED BY DATE/TIME RECEIVED FOR LAB BY

3.

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:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

Page 2 of 2

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