

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:	Q2581	OrderDate:	7/11/2025 8:07:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	D31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2581-11	PEST-GPC2-BLANK	SOIL	Pesticide-TCL	SFAM_PEST	07/04/25	07/14/25	07/18/25	07/11/25
Q2581-12	PEST-GPC2-BLANK-SP IKE	SOIL	Pesticide-TCL	SFAM_PEST	07/04/25	07/14/25	07/18/25	07/11/25
Q2581-13	PCB-GPC2-BLANK	SOIL	PCB	SFAM_PCB	07/04/25	07/14/25	07/16/25	07/11/25
Q2581-14	PCB-GCP2-BLANK-SPI KE	SOIL	PCB	SFAM_PCB	07/04/25	07/14/25	07/16/25	07/11/25

Hit Summary Sheet
SW-846

SDG No.: Q2581

Order ID: Q2581

Client: Chemtech Consulting Group

Project ID: Weekly Storage Blanks

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB-GCP2-BLANK-SPIKE								
Q2581-14	PCB-GCP2-BLANK-SOIL	SOIL	Aroclor-1016	380		4.50	100	ug/kg
Q2581-14	PCB-GCP2-BLANK-SOIL	SOIL	Aroclor-1260	400		4.80	100	ug/kg
Total Concentration:				780.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q2581

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2581-13	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
Q2581-14	PCB-GCP2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2581

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:	07/04/25	
Project:	Weekly Storage Blanks		Date Received:	07/11/25	
Client Sample ID:	PCB-GPC2-BLANK		SDG No.:	Q2581	
Lab Sample ID:	Q2581-13		Matrix:	SOIL	
Analytical Method:	SFAM_PCB		% Solid:	100	Decanted:
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
PQ070545.D	1	07/14/25 12:22	07/16/25 10:45	PB168841

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\PQ071625\
Data File : PQ070545.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 10:45
Operator : YP\AJ
Sample : Q2501-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 16:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:40:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

Target Compounds

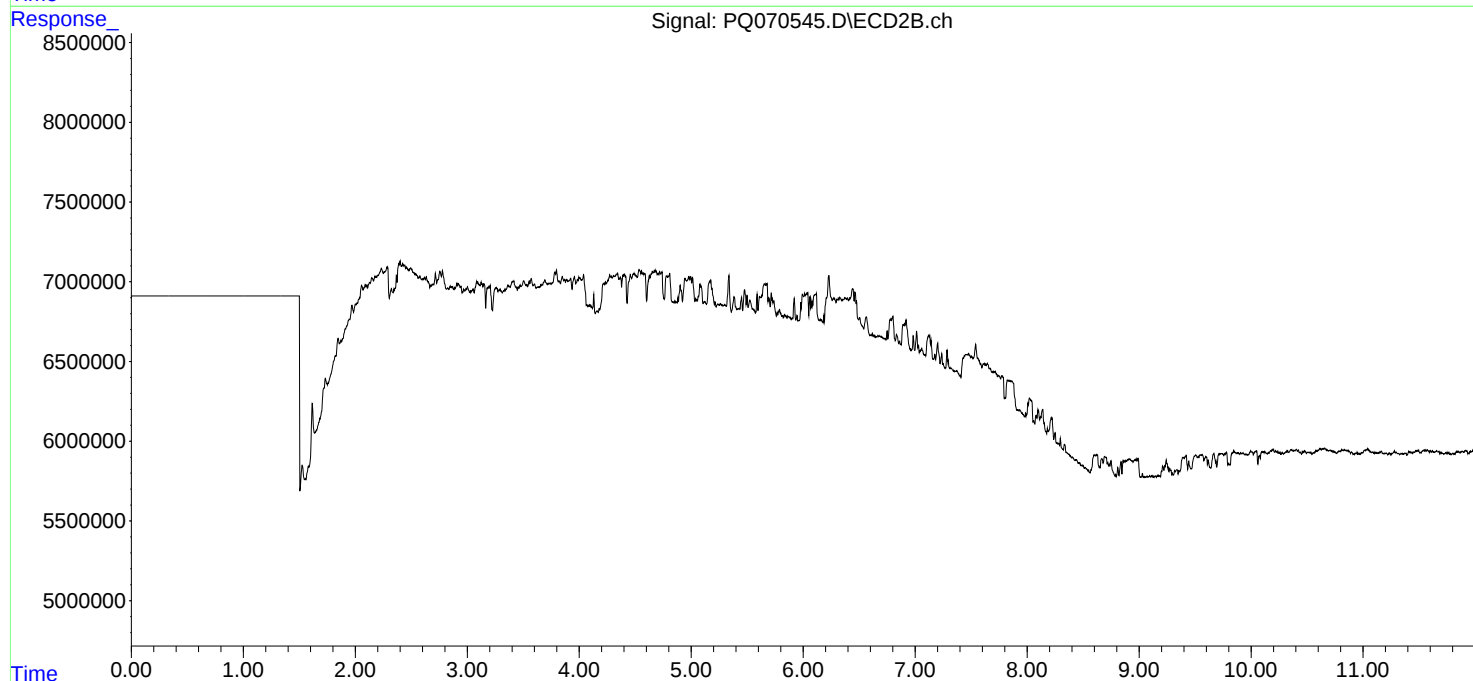
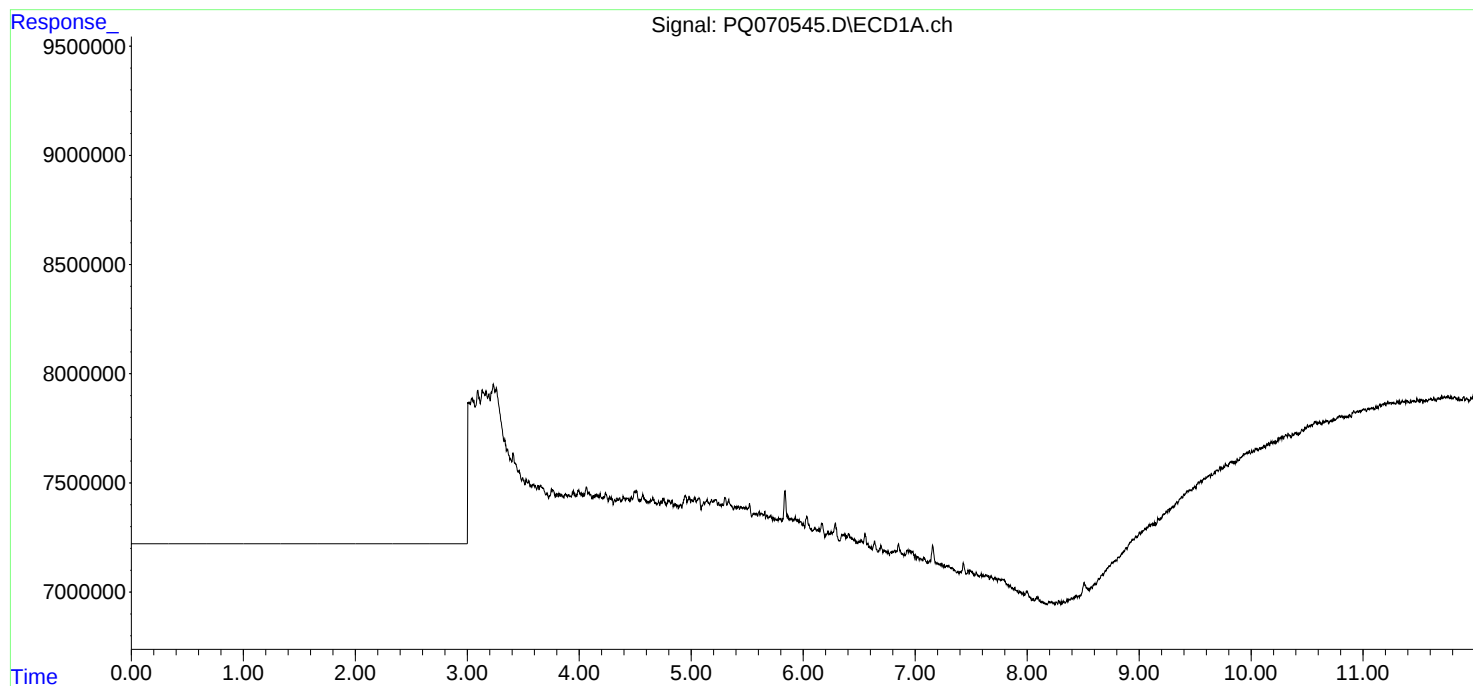
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

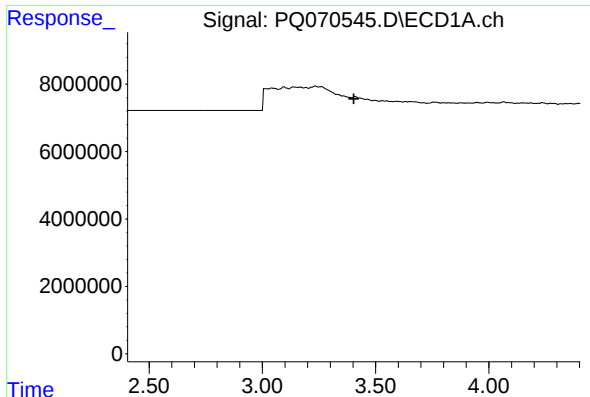
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071625\
Data File : PQ070545.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 10:45
Operator : YP\AJ
Sample : Q2501-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 16:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:40:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

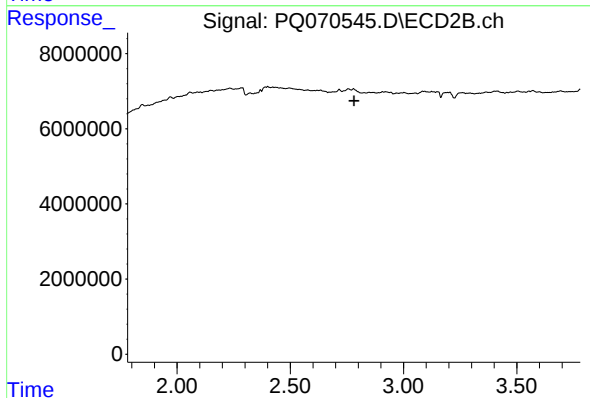




#1 Tetrachloro-m-xylene

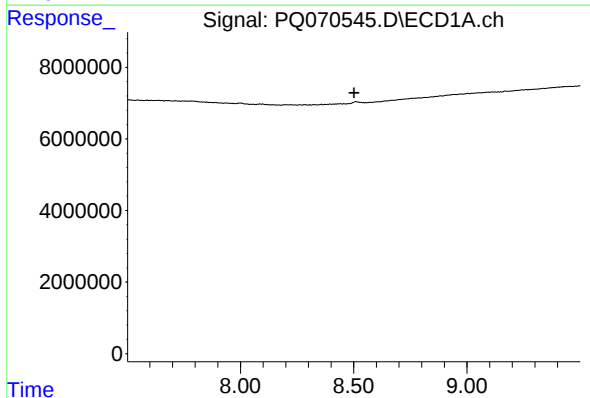
R.T.: 0.000 min
Exp R.T. : 3.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK



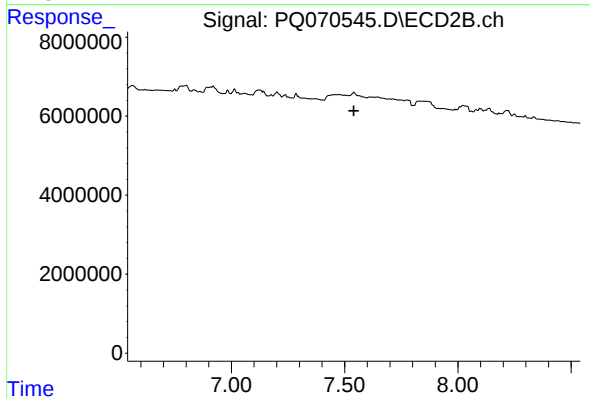
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.781 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. : 7.540 min
Response: 0
Conc: N.D.

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/04/25
Project:	Weekly Storage Blanks	Date Received:	07/11/25
Client Sample ID:	PCB-GCP2-BLANK-SPIKE	SDG No.:	Q2581
Lab Sample ID:	Q2581-14	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
PQ070546.D	1	07/14/25 12:22	07/16/25 11:51	PB168841

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	380		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
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12672-29-6	Aroclor-1248	4.80	U	4.80	100	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	100	ug/kg
11096-82-5	Aroclor-1260	400		4.80	100	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	100	ug/kg
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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\PQ071625\
 Data File : PQ070546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 11:51
 Operator : YP\AJ
 Sample : Q2501-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 16:26:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:40:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

Target Compounds						
3)	L1	AR-1016-1	4.487	3.781	52633691 98386444	300.459m 459.475 #
4)	L1	AR-1016-2	4.505	3.797	99165515 145.9E6	363.675m 451.815
5)	L1	AR-1016-3	4.562	3.957	71034200 75153624	409.096m 410.274m
6)	L1	AR-1016-4	4.652	4.005	60665729 60314255	431.825m 372.263m
7)	L1	AR-1016-5	4.937	4.200	56228298 78452925	407.975m 403.661m
31)	L7	AR-1260-1	6.027	5.193	110.7E6 150.2E6	441.706m 416.352m
32)	L7	AR-1260-2	6.283	5.383	141.2E6 190.7E6	473.008m 438.453
33)	L7	AR-1260-3	6.633	5.524	79203677 192.6E6	352.528m 459.016 #
34)	L7	AR-1260-4	6.848	5.984	107.7E6 129.9E6	428.085 349.958
35)	L7	AR-1260-5	7.154	6.229	197.8E6 293.3E6	394.272 347.455

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071625\
Data File : PQ070546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 11:51
Operator : YP\AJ
Sample : Q2501-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

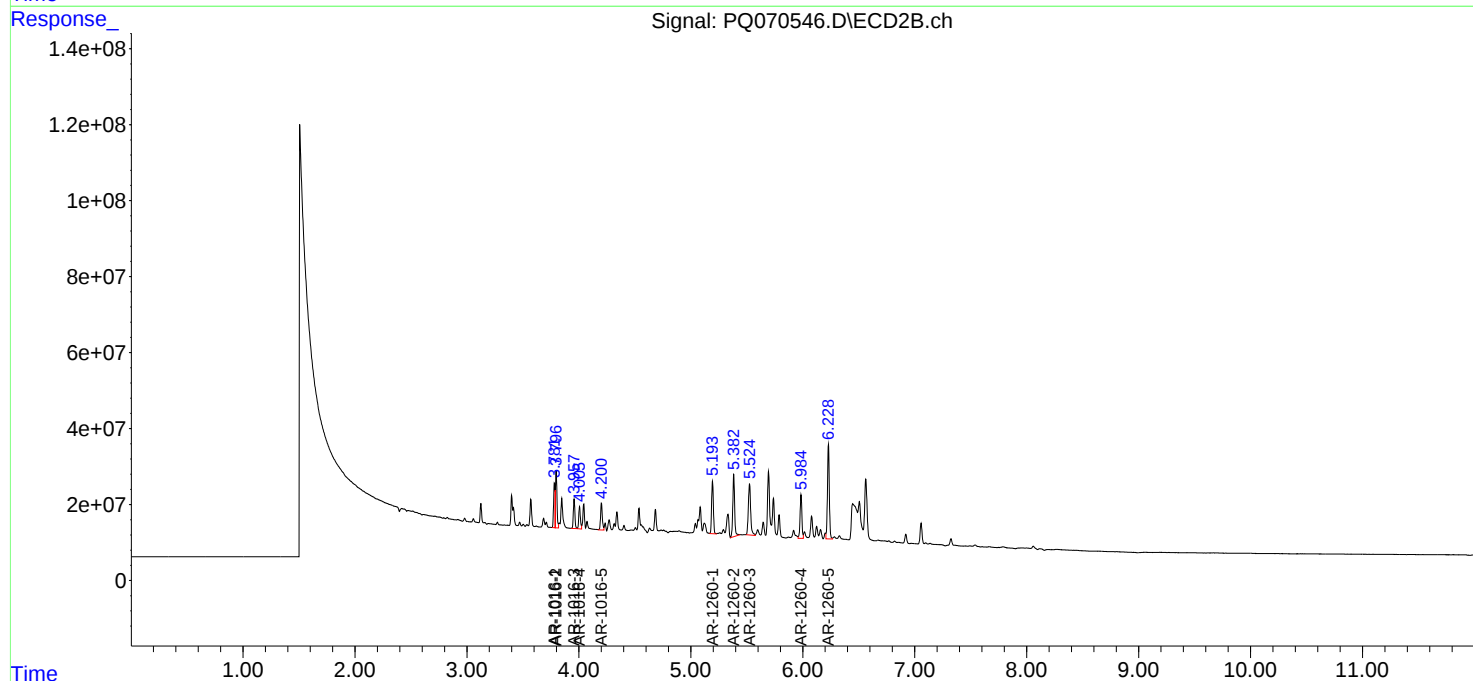
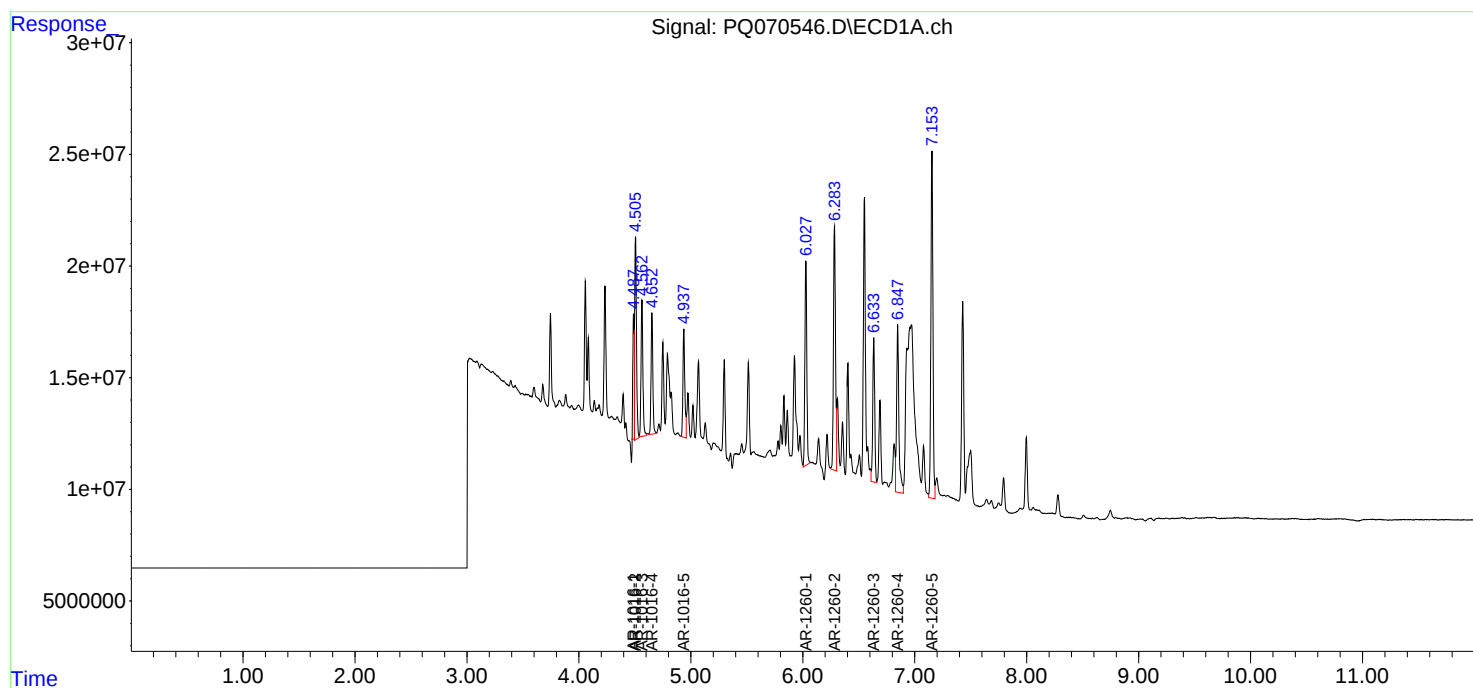
Instrument :
ECD_Q
ClientSampleId :
PCB-GPC2-BLANK-SPIKE

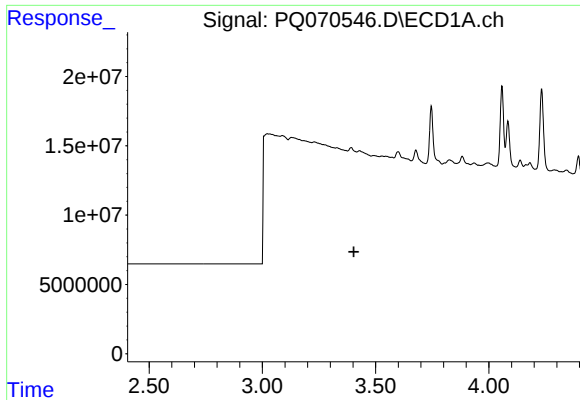
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 16:26:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:40:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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





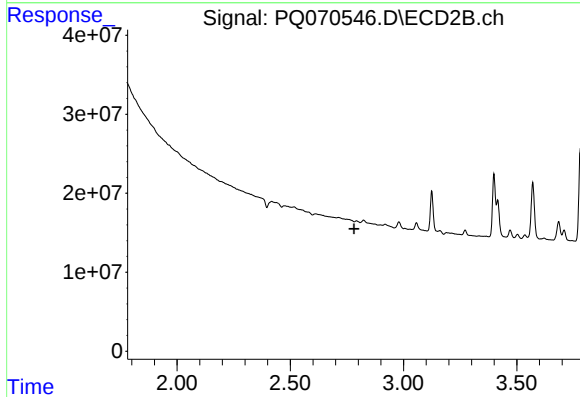
#1 Tetrachloro-m-xylene

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

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

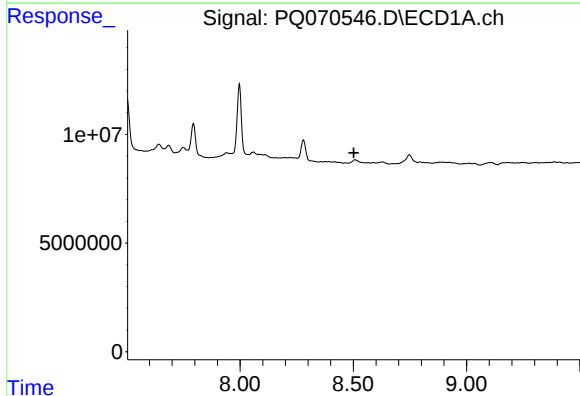
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



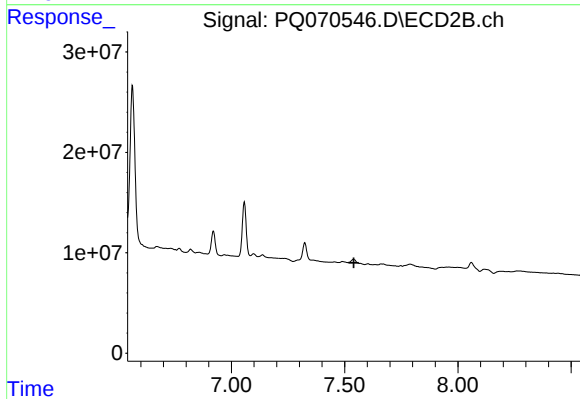
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.781 min
Response: 0
Conc: N.D.



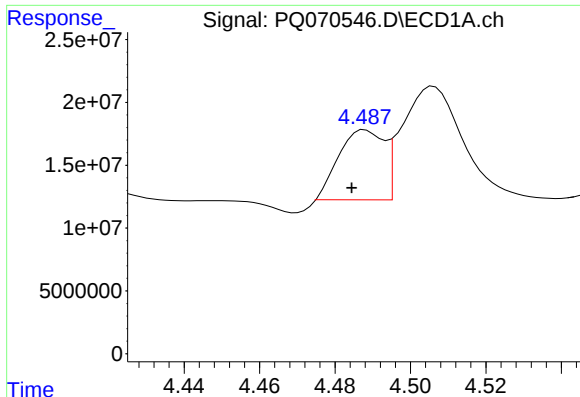
#2 Decachlorobiphenyl

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. : 7.540 min
Response: 0
Conc: N.D.



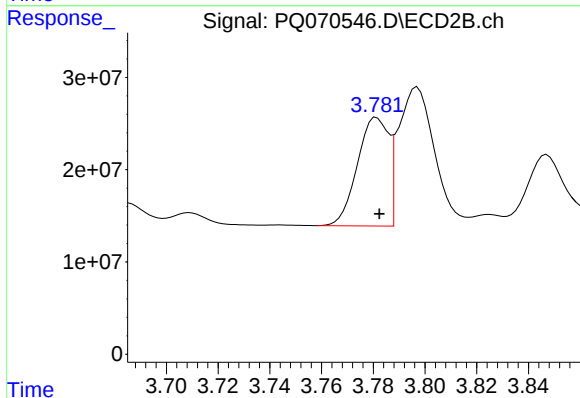
#3 AR-1016-1

R.T.: 4.487 min
Delta R.T.: 0.003 min
Response: 52633691
Conc: 300.46 ng/ml

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

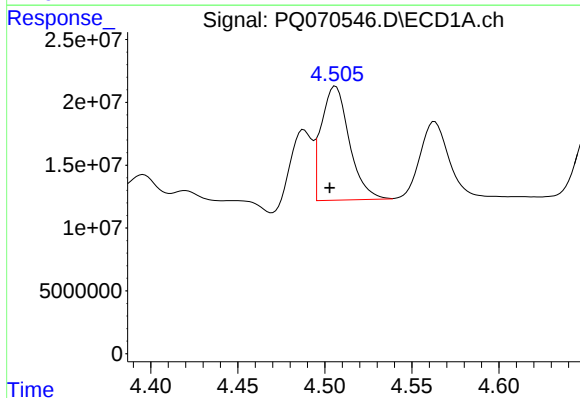
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



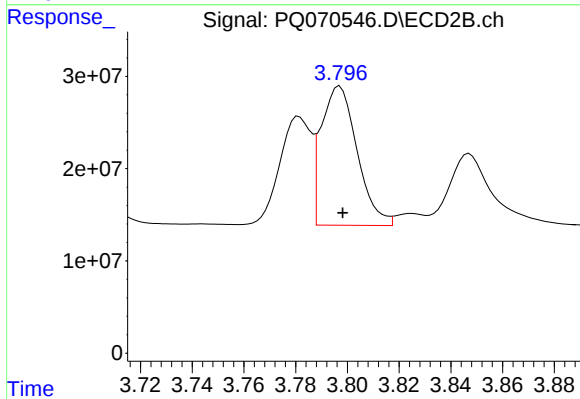
#3 AR-1016-1

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 98386444
Conc: 459.47 ng/ml



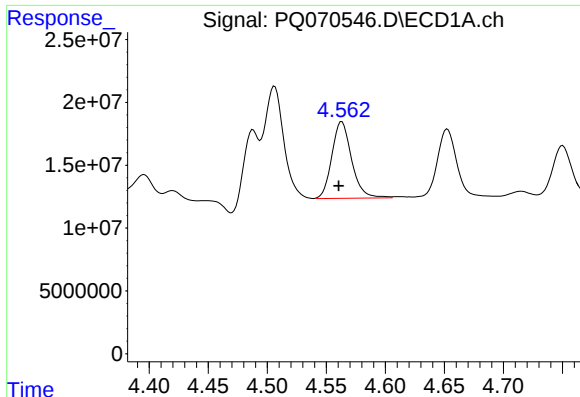
#4 AR-1016-2

R.T.: 4.505 min
Delta R.T.: 0.003 min
Response: 99165515
Conc: 363.67 ng/ml m



#4 AR-1016-2

R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 145945235
Conc: 451.81 ng/ml



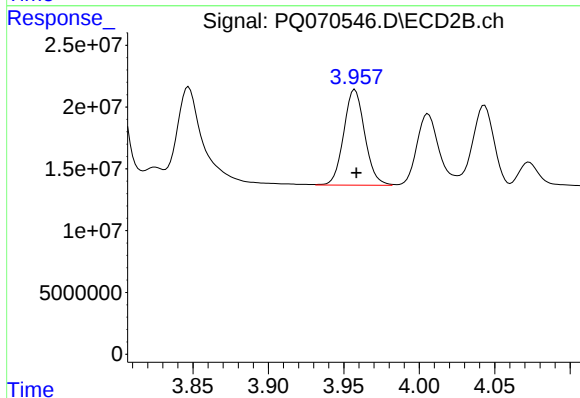
#5 AR-1016-3

R.T.: 4.562 min
Delta R.T.: 0.002 min
Response: 71034200
Conc: 409.10 ng/ml

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

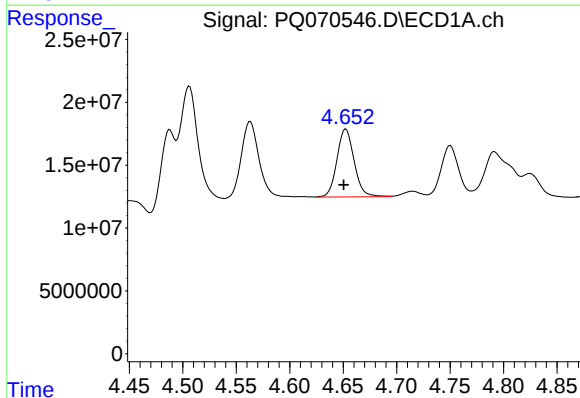
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



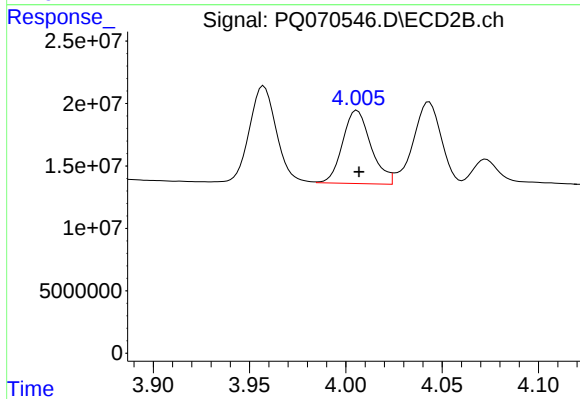
#5 AR-1016-3

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 75153624
Conc: 410.27 ng/ml m



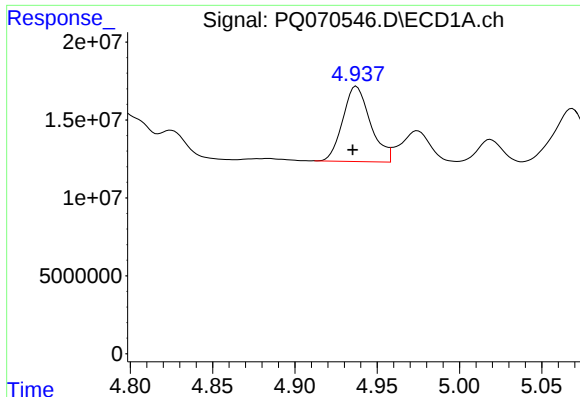
#6 AR-1016-4

R.T.: 4.652 min
Delta R.T.: 0.001 min
Response: 60665729
Conc: 431.82 ng/ml m



#6 AR-1016-4

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 60314255
Conc: 372.26 ng/ml m



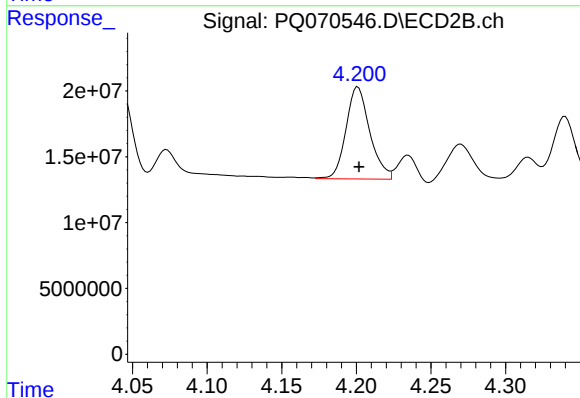
#7 AR-1016-5

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 56228298
Conc: 407.98 ng/ml

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

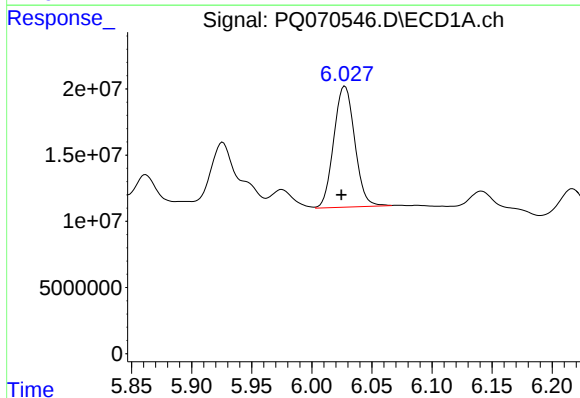
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



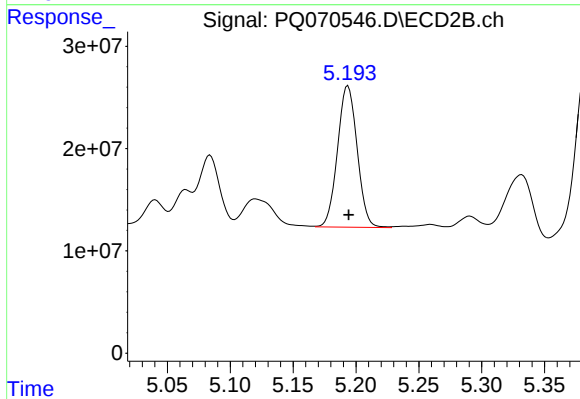
#7 AR-1016-5

R.T.: 4.200 min
Delta R.T.: -0.002 min
Response: 78452925
Conc: 403.66 ng/ml



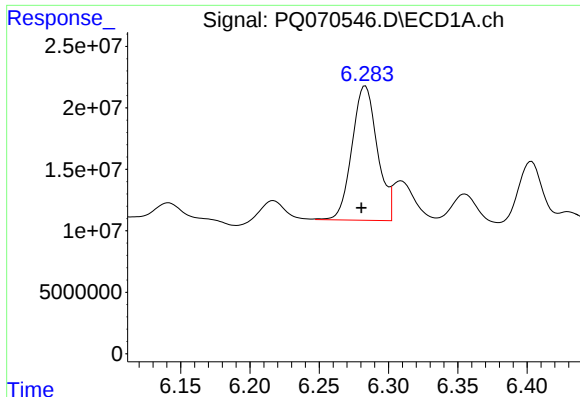
#31 AR-1260-1

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 110686256
Conc: 441.71 ng/ml



#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 150190239
Conc: 416.35 ng/ml



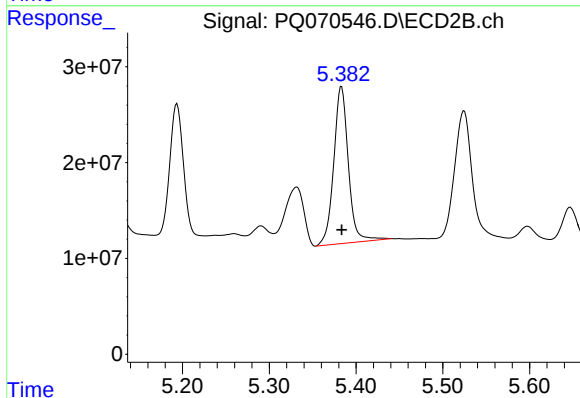
#32 AR-1260-2

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 141155489
Conc: 473.01 ng/ml

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

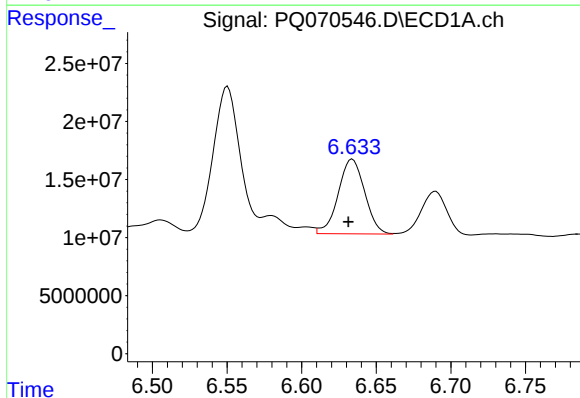
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



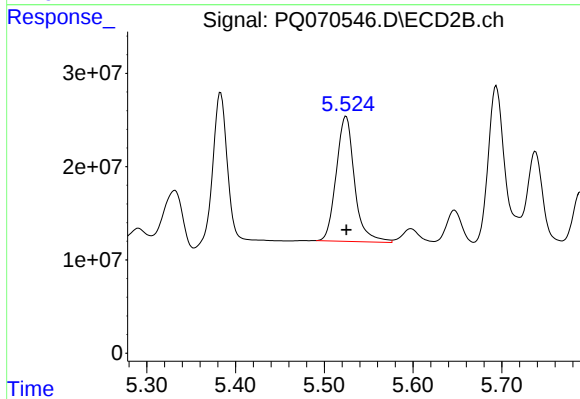
#32 AR-1260-2

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 190659141
Conc: 438.45 ng/ml



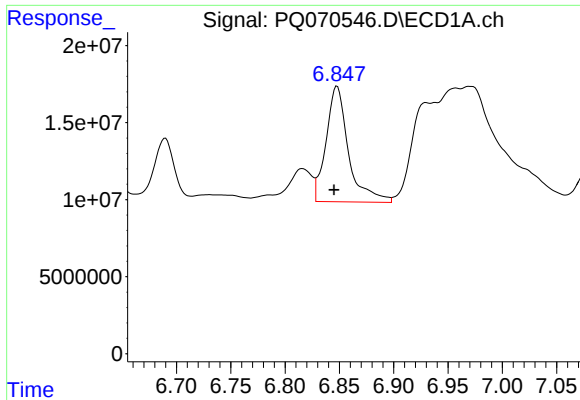
#33 AR-1260-3

R.T.: 6.633 min
Delta R.T.: 0.002 min
Response: 79203677
Conc: 352.53 ng/ml m



#33 AR-1260-3

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 192630085
Conc: 459.02 ng/ml



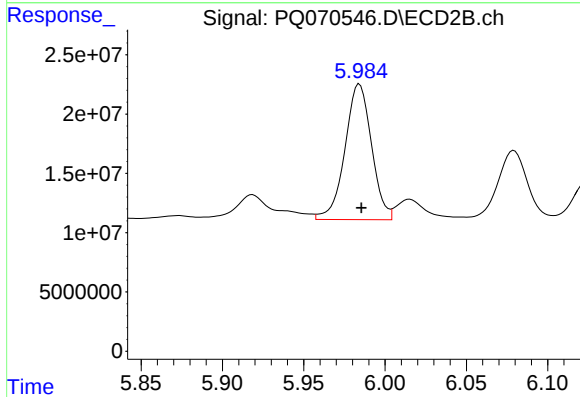
#34 AR-1260-4

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 107748651
Conc: 428.08 ng/ml

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

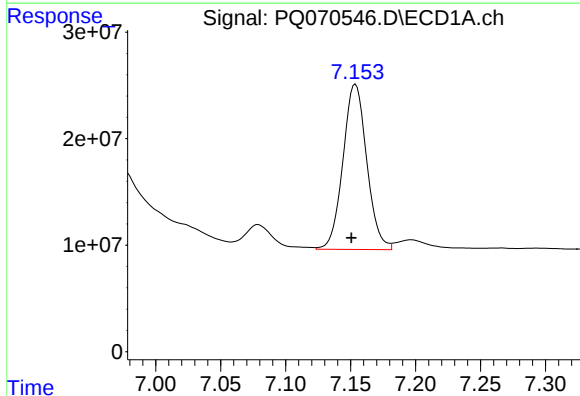
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



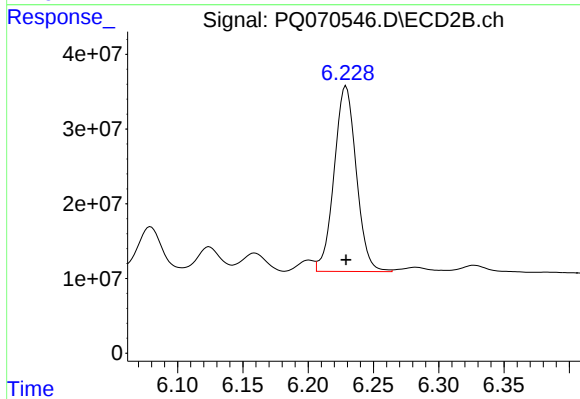
#34 AR-1260-4

R.T.: 5.984 min
Delta R.T.: -0.001 min
Response: 129879078
Conc: 349.96 ng/ml



#35 AR-1260-5

R.T.: 7.154 min
Delta R.T.: 0.003 min
Response: 197757035
Conc: 394.27 ng/ml



#35 AR-1260-5

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 293320197
Conc: 347.45 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2581</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>07/14/2025</u> <u>07/14/2025</u>
		Calibration Times:	<u>10:58</u> <u>13:39</u>

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

LAB FILE ID:	RT 100 = <u>PQ070529.D</u>	RT 200 = <u>PQ070530.D</u>
RT 400 = <u>PQ070531.D</u>	RT 800 = <u>PQ070532.D</u>	RT 1600 = <u>PQ070533.D</u>

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.48	4.49	4.48	4.48	4.49	4.48	4.41	4.55
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	4.94	4.94	4.87	5.01
Aroclor-1260-1	(1)	6.03	6.02	6.03	6.02	6.03	6.02	5.95	6.09
Aroclor-1260-2	(2)	6.28	6.28	6.28	6.28	6.28	6.28	6.21	6.35
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.56	6.70
Aroclor-1260-4	(4)	6.85	6.85	6.85	6.85	6.85	6.85	6.78	6.92
Aroclor-1260-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.08	7.22
DCB		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
TCX		3.40	3.41	3.40	3.40	3.40	3.40	3.35	3.45



Lab Name:	<u>Alliance</u>	Contract:	<u>CHEM02</u>	
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2581</u>	
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>07/14/2025</u>	<u>07/14/2025</u>
		Calibration Times:	<u>10:58</u>	<u>13:39</u>

LAB FILE ID:	RT 100 = <u>PQ070529.D</u>	RT 200 = <u>PQ070530.D</u>
RT 400 = <u>PQ070531.D</u>	RT 800 = <u>PQ070532.D</u>	RT 1600 = <u>PQ070533.D</u>

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: CHEM02
SDG NO.: Q2581

Calibration Date(s): 07/14/2025 07/14/2025
Calibration Times: 10:58 13:39

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

LAB FILE ID:		CF 100 =	<u>PQ070529.D</u>	CF 200 =	<u>PQ070530.D</u>			
CF 400 =		<u>PQ070531.D</u>	CF 800 =	<u>PQ070532.D</u>	CF 1600 =	<u>PQ070533.D</u>		
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	217306970	183694615	178278045	150734481	145872633	175177349	16
Aroclor-1016-2	(2)	329432630	279806725	285349228	237922989	230869464	272676207	15
Aroclor-1016-3	(3)	211036280	180300530	179885430	151517516	145444891	173636929	15
Aroclor-1016-4	(4)	167618740	146231485	146380883	123119604	119084081	140486959	14
Aroclor-1016-5	(5)	166599730	141106755	143880038	121051138	116476168	137822766	15
Aroclor-1260-1	(1)	302835800	260581680	260648535	217642393	211232307	250588143	15
Aroclor-1260-2	(2)	360248630	306882515	312037828	260684008	252251541	298420904	15
Aroclor-1260-3	(3)	265747110	230607120	236036113	198663126	192315008	224673695	13
Aroclor-1260-4	(4)	298627260	258466840	263314410	221657189	216430699	251699280	13
Aroclor-1260-5	(5)	592812090	511351020	522984965	442148071	438578100	501574849	13
DCB		3706078600	3141940300	3204478850	2693353088	2629760113	3075122190	14
TCX		6874281400	6073582900	6159031500	5303052125	5245590325	5931107650	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: CHEM02
SDG NO.: Q2581

Calibration Date(s): 07/14/2025 07/14/2025
Calibration Times: 10:58 13:39

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

LAB FILE ID:								
CF 100 = <u>PQ070529.D</u>		CF 200 = <u>PQ070530.D</u>						
CF 400 = <u>PQ070531.D</u>		CF 800 = <u>PQ070532.D</u>		CF 1600 = <u>PQ070533.D</u>				
COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	261616310	225515475	221752495	184611395	177145002	214128135	16
Aroclor-1016-2	(2)	396301100	331360325	333124415	281683273	272632072	323020237	15
Aroclor-1016-3	(3)	231016540	185199365	188742868	158677993	152257888	183178931	17
Aroclor-1016-4	(4)	204432140	168368370	167685810	139607145	130009911	162020675	18
Aroclor-1016-5	(5)	243567080	199954005	199244803	169374730	159627138	194353551	17
Aroclor-1260-1	(1)	441681040	372417345	372604395	314634755	302306286	360728764	15
Aroclor-1260-2	(2)	533013400	440538205	452873355	379290125	368510137	434845044	15
Aroclor-1260-3	(3)	507689070	433957935	435081498	365763608	355802746	419658971	15
Aroclor-1260-4	(4)	461069300	375414885	383290848	323246858	312618038	371127986	16
Aroclor-1260-5	(5)	1019316300	837723650	884878293	755770891	723293571	844196541	14
DCB		7156381300	5885549600	5945881225	4990614988	4864397419	5768564906	16
TCX		6908525200	7034637600	7017943750	6095663800	5952271563	6601808383	8

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2581

Instrument ID: ECD_Q Date(s) Analyzed: 07/14/2025 07/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	3.60	3.53	3.67	78176000
		2	3.68	3.61	3.75	58801800
		3	3.74	3.67	3.81	186951000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.74	3.67	3.81	151507000
		2	4.23	4.16	4.30	80561000
		3	4.50	4.43	4.57	154252000
		4	4.65	4.58	4.72	74088600
		5	4.75	4.68	4.82	50052000
Aroclor-1242	100	1	4.49	4.42	4.56	176225000
		2	4.50	4.43	4.57	268859000
		3	4.56	4.49	4.63	167429000
		4	4.65	4.58	4.72	132807000
		5	5.36	5.29	5.43	136170000
Aroclor-1248	100	1	4.48	4.41	4.55	143674000
		2	4.75	4.68	4.82	208002000
		3	4.94	4.87	5.01	251375000
		4	5.32	5.25	5.39	263288000
		5	5.36	5.29	5.43	258359000
Aroclor-1254	100	1	5.30	5.23	5.37	265965000
		2	5.51	5.44	5.58	411435000
		3	5.82	5.75	5.89	96710700
		4	6.14	6.07	6.21	307529000
		5	6.55	6.48	6.62	350040000
Aroclor-1262	100	1	6.85	6.78	6.92	366508000
		2	7.15	7.08	7.22	656558000
		3	7.43	7.36	7.50	437972000
		4	7.50	7.43	7.57	335242000
		5	7.99	7.92	8.06	213697000
Aroclor-1268	100	1	7.42	7.35	7.49	779451000
		2	7.50	7.43	7.57	715291000
		3	7.68	7.61	7.75	581485000
		4	7.99	7.92	8.06	243420000
		5	8.28	8.21	8.35	1631140000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2581

Instrument ID: ECD_Q Date(s) Analyzed: 07/14/2025 07/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	100	1	2.98	2.91	3.05	83491200
		2	3.06	2.99	3.13	69326500
		3	3.13	3.06	3.20	228942000
		4	0.00			0
		5	0.00			0
Aroclor-1232	100	1	3.13	3.06	3.20	189143000
		2	3.80	3.73	3.87	186838000
		3	3.96	3.89	4.03	102009000
		4	4.04	3.97	4.11	86923200
		5	4.20	4.13	4.27	102575000
Aroclor-1242	100	1	3.78	3.71	3.85	219458000
		2	3.80	3.73	3.87	331920000
		3	3.96	3.89	4.03	182355000
		4	4.04	3.97	4.11	174758000
		5	4.54	4.47	4.61	224432000
Aroclor-1248	100	1	3.78	3.71	3.85	180828000
		2	4.01	3.94	4.08	284359000
		3	4.04	3.97	4.11	290525000
		4	4.20	4.13	4.27	375449000
		5	4.58	4.51	4.65	305712000
Aroclor-1254	100	1	4.54	4.47	4.61	484593000
		2	4.68	4.61	4.75	437559000
		3	5.07	5.00	5.14	681243000
		4	5.29	5.22	5.36	403743000
		5	5.70	5.63	5.77	629738000
Aroclor-1262	100	1	5.74	5.67	5.81	630634000
		2	5.99	5.92	6.06	599833000
		3	6.51	6.44	6.58	494223000
		4	6.57	6.50	6.64	868332000
		5	7.06	6.99	7.13	408706000
Aroclor-1268	100	1	6.51	6.44	6.58	1319350000
		2	6.57	6.50	6.64	1218330000
		3	6.77	6.70	6.84	1036800000
		4	7.06	6.99	7.13	492591000
		5	7.32	7.25	7.39	3036930000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
 Data File : PQ070529.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 10:58
 Operator : YP\AJ
 Sample : AR1660ICC100
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16601007

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 11:52:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 11:40:00 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	2.781	34371407	34542626	5.397	4.944
2) SA Decachlor...	8.502	7.540	37060786	71563813	11.060	11.284m
Target Compounds						
3) L1 AR-1016-1	4.484	3.782	21730697	26161631	112.540	110.716
4) L1 AR-1016-2	4.503	3.797	32943263	39630110	110.475	112.078
5) L1 AR-1016-3	4.561	3.958	21103628	23101654	110.834	114.561
6) L1 AR-1016-4	4.650	4.006	16761874	20443214	109.262	113.471
7) L1 AR-1016-5	4.935	4.201	16659973	24356708	110.676	113.681
31) L7 AR-1260-1	6.025	5.194	30283580	44168104	110.247	111.658
32) L7 AR-1260-2	6.281	5.383	36024863	53301340	110.374	112.101
33) L7 AR-1260-3	6.632	5.524	26574711	50768907	108.855	110.629
34) L7 AR-1260-4	6.845	5.985	29862726	46106930	109.199	113.399
35) L7 AR-1260-5	7.151	6.229	59281209	101.9E6	109.298	111.526

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 10:58
Operator : YP\AJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

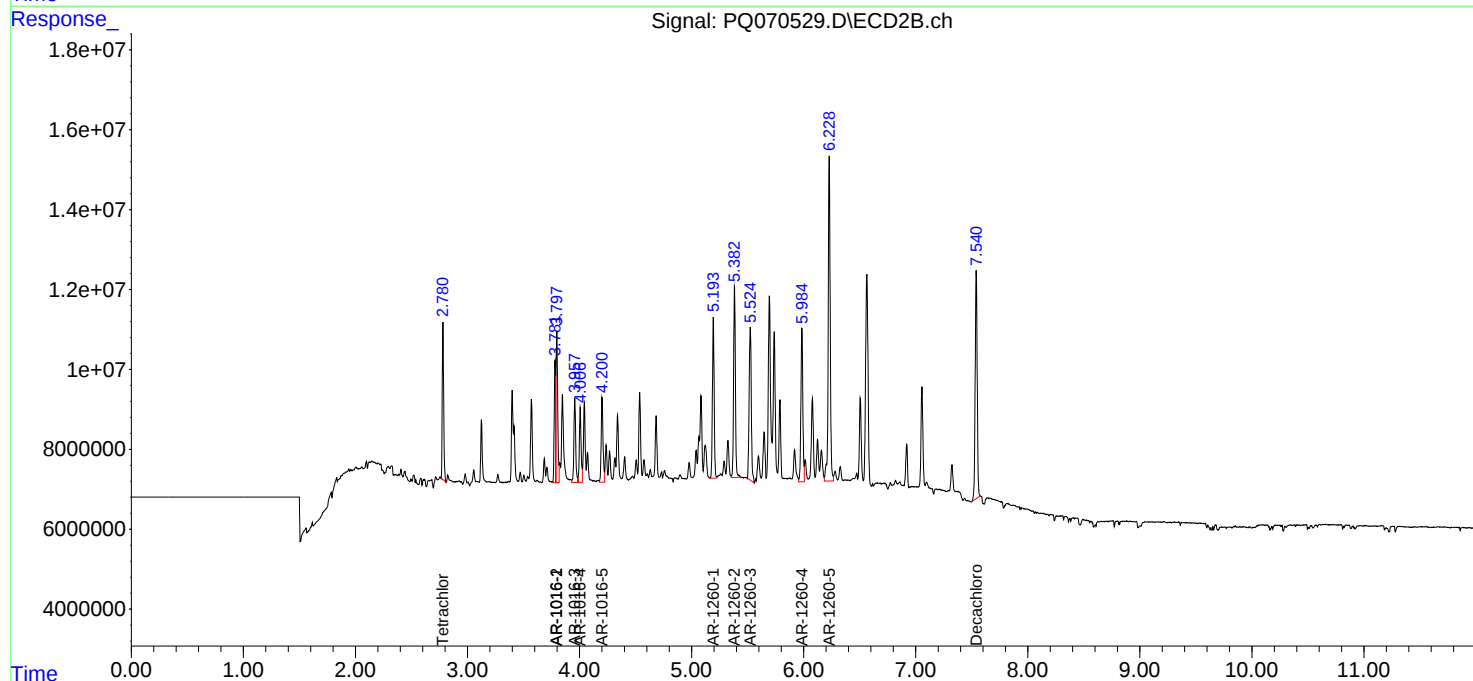
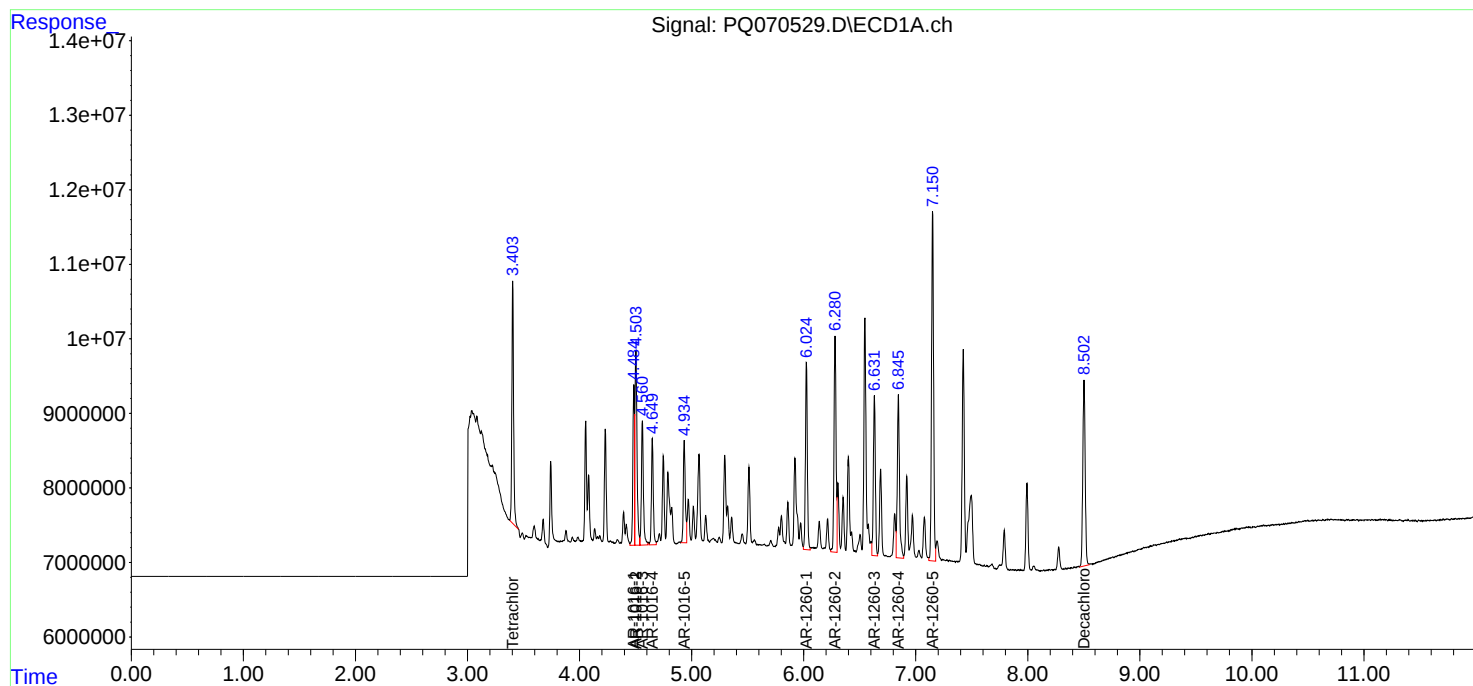
Instrument :
ECD_Q
ClientSampleId :
AR16601007

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 11:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 11:40:00 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\PQ071425\
 Data File : PQ070530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 11:13
 Operator : YP\AJ
 Sample : AR1660ICC200
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16602008

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 11:48:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 11:40:00 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	2.781	60735829	70346376	9.930	10.012
2)	SA Decachlor...	8.503	7.541	62838806	117.7E6	19.803	19.898
Target Compounds							
3)	L1 AR-1016-1	4.485	3.782	36738923	45103095	202.993	201.683
4)	L1 AR-1016-2	4.504	3.798	55961345	66272065	198.039	199.469
5)	L1 AR-1016-3	4.561	3.958	36060106	37039873	200.230	198.105
6)	L1 AR-1016-4	4.651	4.006	29246297	33673674	199.898	200.406
7)	L1 AR-1016-5	4.935	4.201	28221351	39990801	198.054	200.355
31)	L7 AR-1260-1	6.024	5.193	52116336	74483469	199.974	198.950m
32)	L7 AR-1260-2	6.281	5.382	61376503	88107641	198.334	197.279m
33)	L7 AR-1260-3	6.632	5.524	46121424	86791587	197.673	199.741
34)	L7 AR-1260-4	6.846	5.985	51693368	75082977	198.142	197.924
35)	L7 AR-1260-5	7.151	6.229	102.3E6	167.5E6	197.750	194.525

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 11:13
Operator : YP\AJ
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

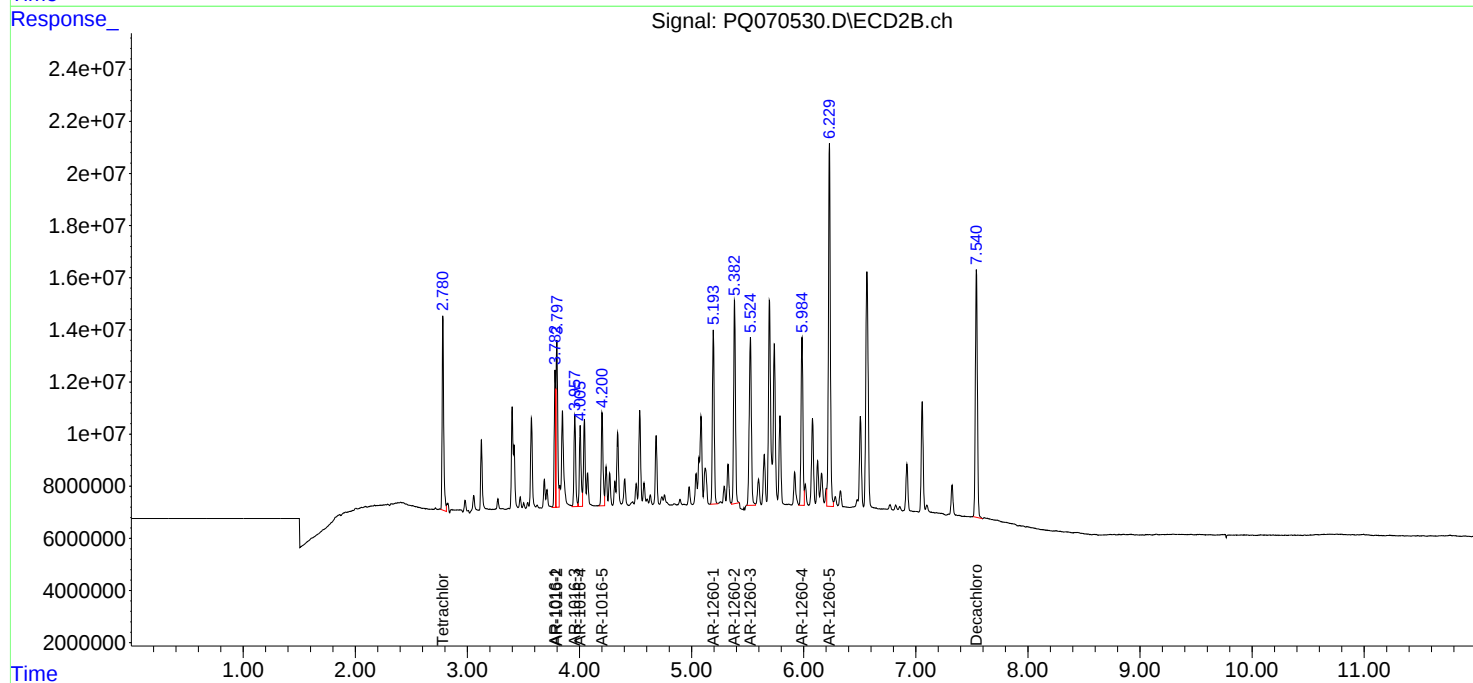
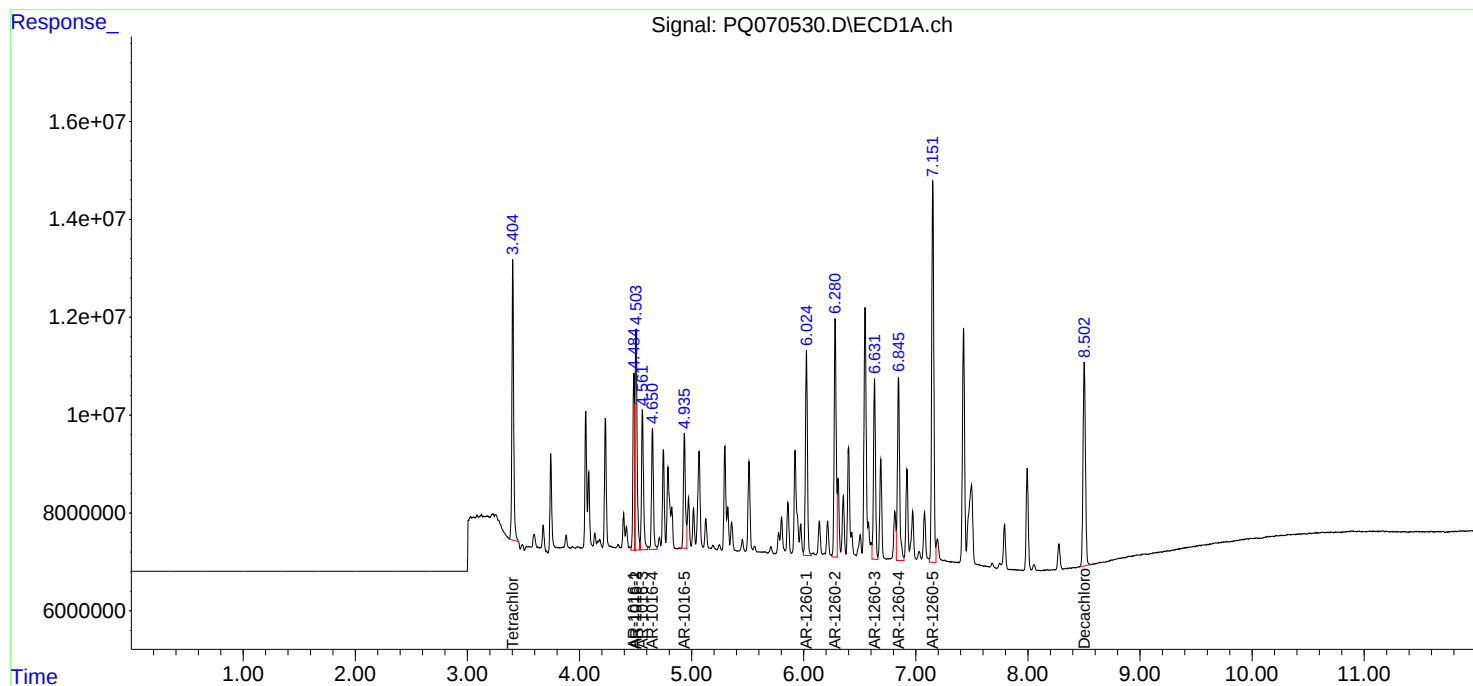
Instrument :
ECD_Q
ClientSampleId :
AR16602008

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 11:48:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 11:40:00 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\PQ071425\
 Data File : PQ070531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 11:27
 Operator : YP\AJ
 Sample : AR1660ICC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603009

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 11:45:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 11:40:00 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	2.781	123.2E6	140.4E6	20.000	20.000
2) SA Decachlor...	8.502	7.540	128.2E6	237.8E6	40.000	40.000
Target Compounds						
3) L1 AR-1016-1	4.484	3.782	71311218	88700998	400.000	400.000
4) L1 AR-1016-2	4.503	3.798	114.1E6	133.2E6	400.000	400.000
5) L1 AR-1016-3	4.561	3.958	71954172	75497147	400.000	400.000
6) L1 AR-1016-4	4.650	4.007	58552353	67074324	400.000	400.000
7) L1 AR-1016-5	4.935	4.202	57552015	79697921	400.000	400.000
31) L7 AR-1260-1	6.025	5.194	104.3E6	149.0E6	400.000	400.000
32) L7 AR-1260-2	6.281	5.384	124.8E6	181.1E6	400.000	400.000
33) L7 AR-1260-3	6.631	5.525	94414445	174.0E6	400.000	400.000
34) L7 AR-1260-4	6.845	5.986	105.3E6	153.3E6	400.000	400.000
35) L7 AR-1260-5	7.151	6.229	209.2E6	354.0E6	400.000	400.000

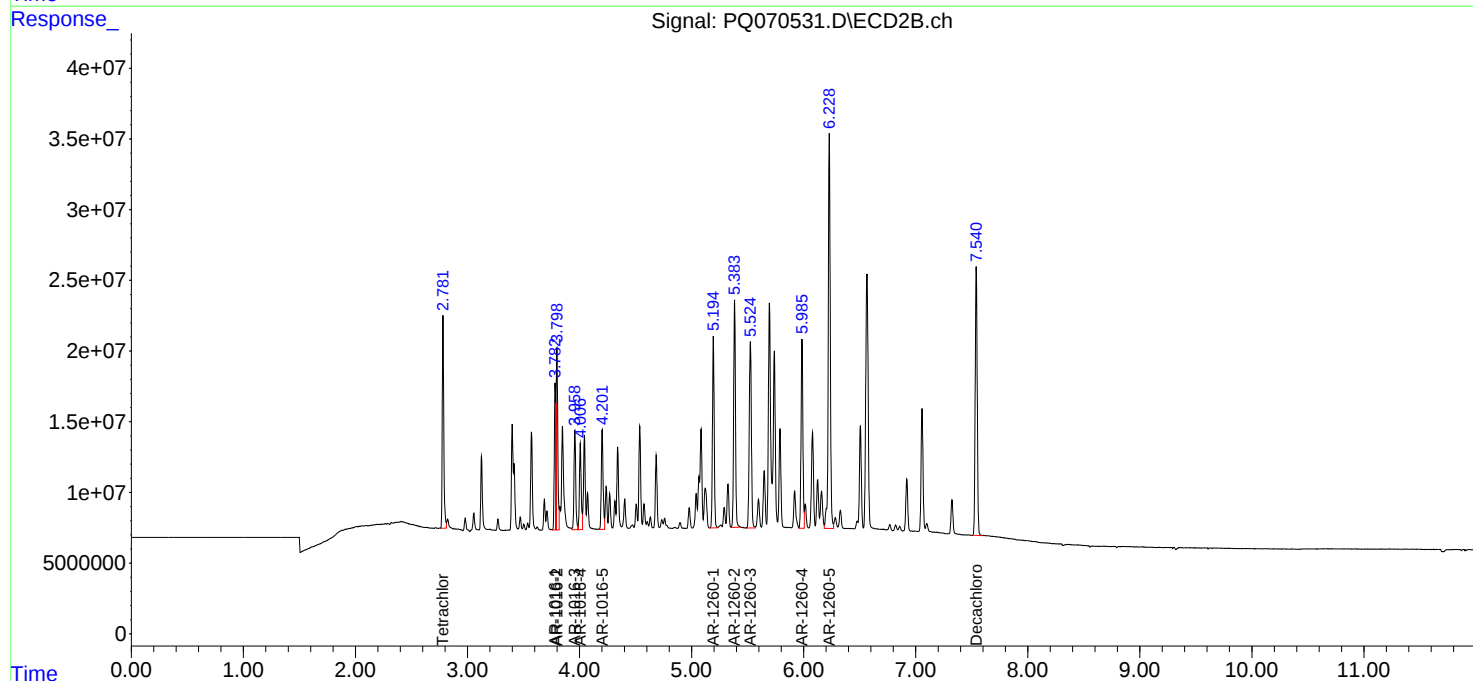
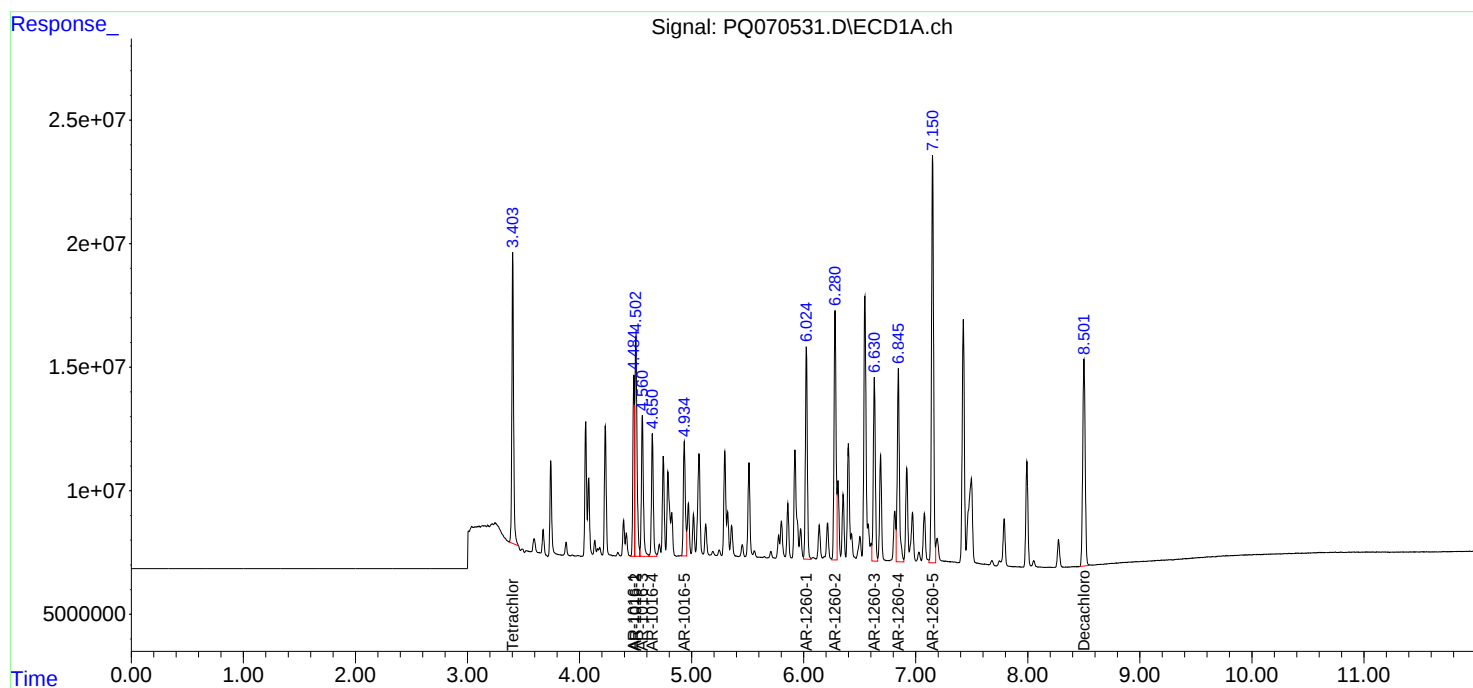
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 11:27
Operator : YP\AJ
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16603009

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 11:45:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 11:40:00 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\PQ071425\
 Data File : PQ070532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 11:42
 Operator : YP\AJ
 Sample : AR1660ICC800
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16604010

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 11:59:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 11:59:45 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	2.781	212.1E6	243.8E6	34.760	36.047
2) SA Decachlor...	8.502	7.540	215.5E6	399.2E6	67.620	66.601
Target Compounds						
3) L1 AR-1016-1	4.484	3.782	120.6E6	147.7E6	660.741	661.174
4) L1 AR-1016-2	4.503	3.798	190.3E6	225.3E6	672.270	671.439
5) L1 AR-1016-3	4.560	3.958	121.2E6	126.9E6	670.858	664.936
6) L1 AR-1016-4	4.650	4.006	98495683	111.7E6	675.379	656.885
7) L1 AR-1016-5	4.934	4.201	96840910	135.5E6	676.455	667.371
31) L7 AR-1260-1	6.023	5.194	174.1E6	251.7E6	668.571	670.623
32) L7 AR-1260-2	6.280	5.383	208.5E6	303.4E6	672.813	672.159
33) L7 AR-1260-3	6.631	5.524	158.9E6	292.6E6	682.799	671.707
34) L7 AR-1260-4	6.845	5.984	177.3E6	258.6E6	680.670	670.366
35) L7 AR-1260-5	7.150	6.229	353.7E6	604.6E6	683.746	691.447

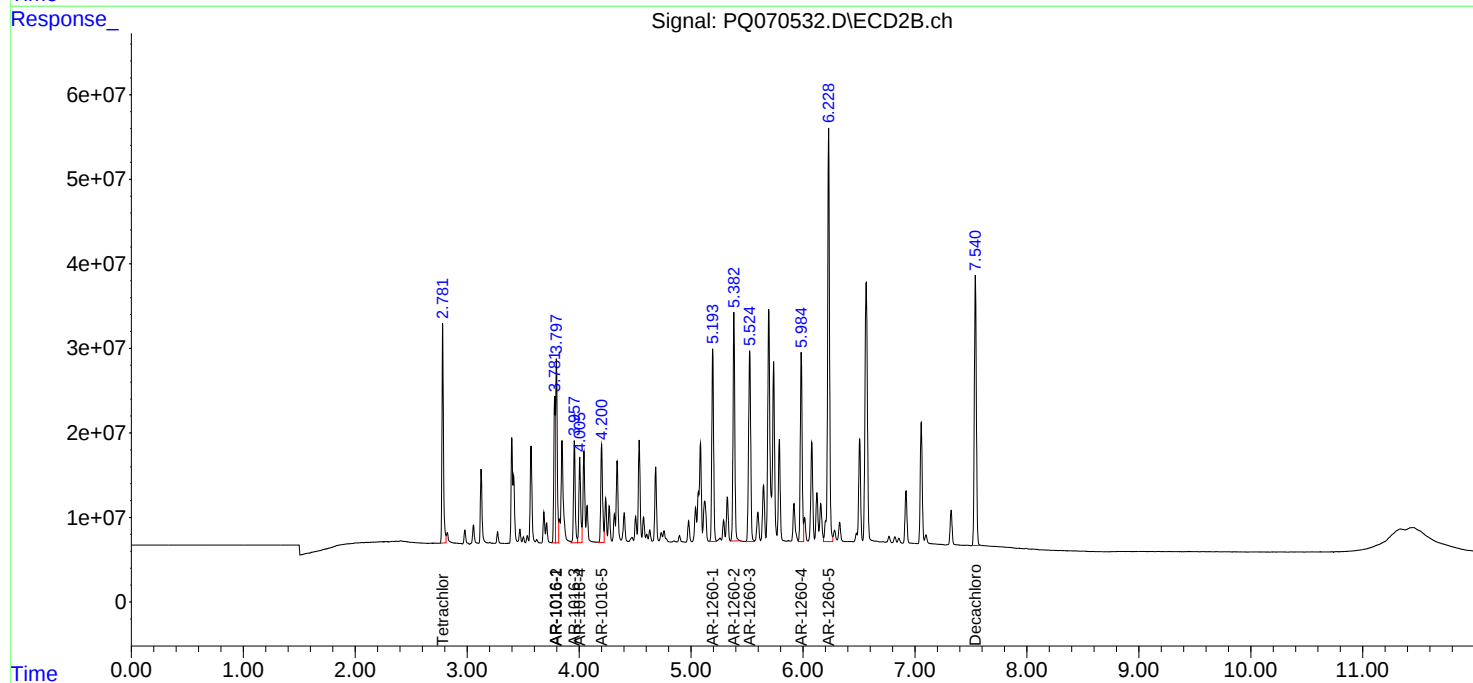
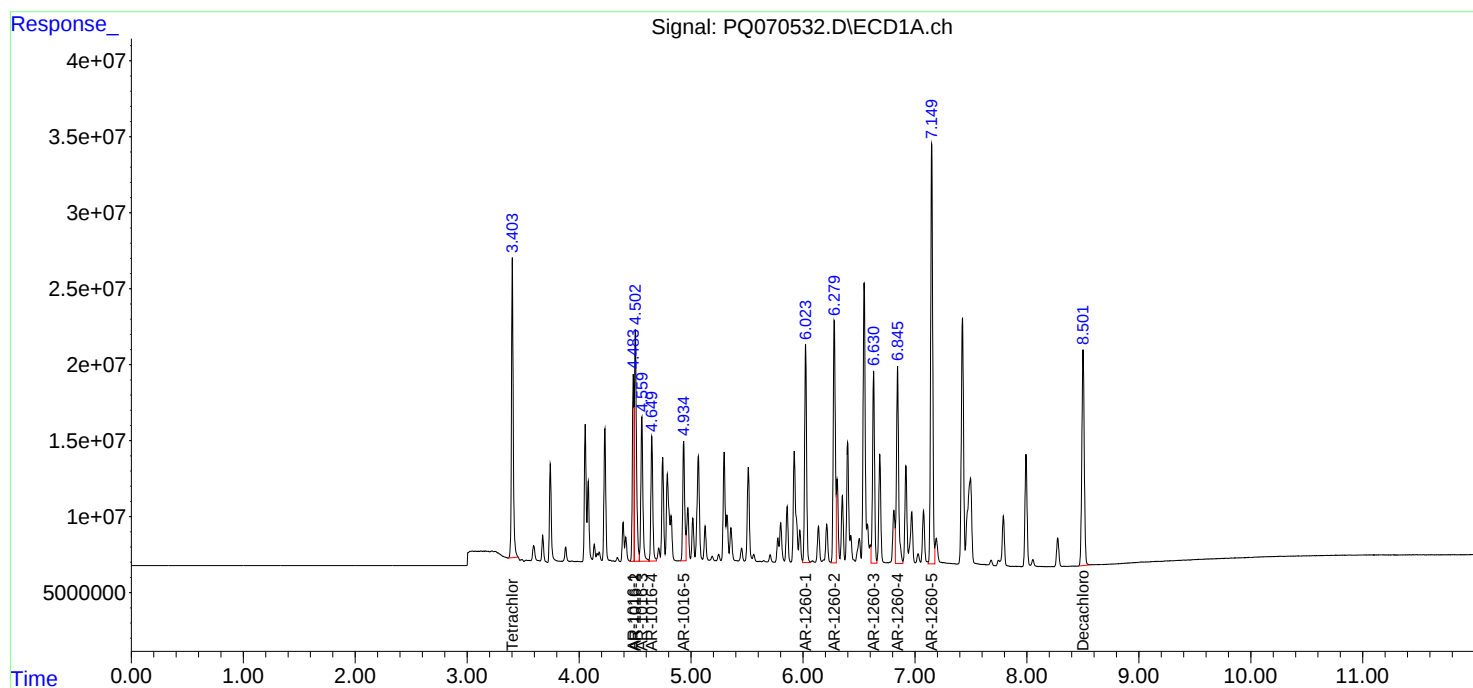
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 11:42
Operator : YP\AJ
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16604010

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 11:59:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 11:59:45 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\PQ071425\
 Data File : PQ070533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 11:57
 Operator : YP\AJ
 Sample : AR1660ICC1600
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16605011

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 12:07:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 12:07:09 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	2.781	419.6E6	476.2E6	70.754	72.129
2) SA Decachlor...	8.503	7.541	420.8E6	778.3E6	136.828	134.922
Target Compounds						
3) L1 AR-1016-1	4.485	3.782	233.4E6	283.4E6	1332.342	1323.656
4) L1 AR-1016-2	4.503	3.798	369.4E6	436.2E6	1354.688	1350.415
5) L1 AR-1016-3	4.561	3.958	232.7E6	243.6E6	1340.221	1329.916
6) L1 AR-1016-4	4.650	4.006	190.5E6	208.0E6	1356.244	1283.885
7) L1 AR-1016-5	4.935	4.201	186.4E6	255.4E6	1352.185	1314.118
31) L7 AR-1260-1	6.025	5.194	338.0E6	483.7E6	1348.714	1340.869
32) L7 AR-1260-2	6.282	5.383	403.6E6	589.6E6	1352.460	1355.923
33) L7 AR-1260-3	6.632	5.525	307.7E6	569.3E6	1369.560	1356.541
34) L7 AR-1260-4	6.846	5.985	346.3E6	500.2E6	1375.805	1347.753
35) L7 AR-1260-5	7.151	6.229	701.7E6	1157.3E6	1399.043	1370.853

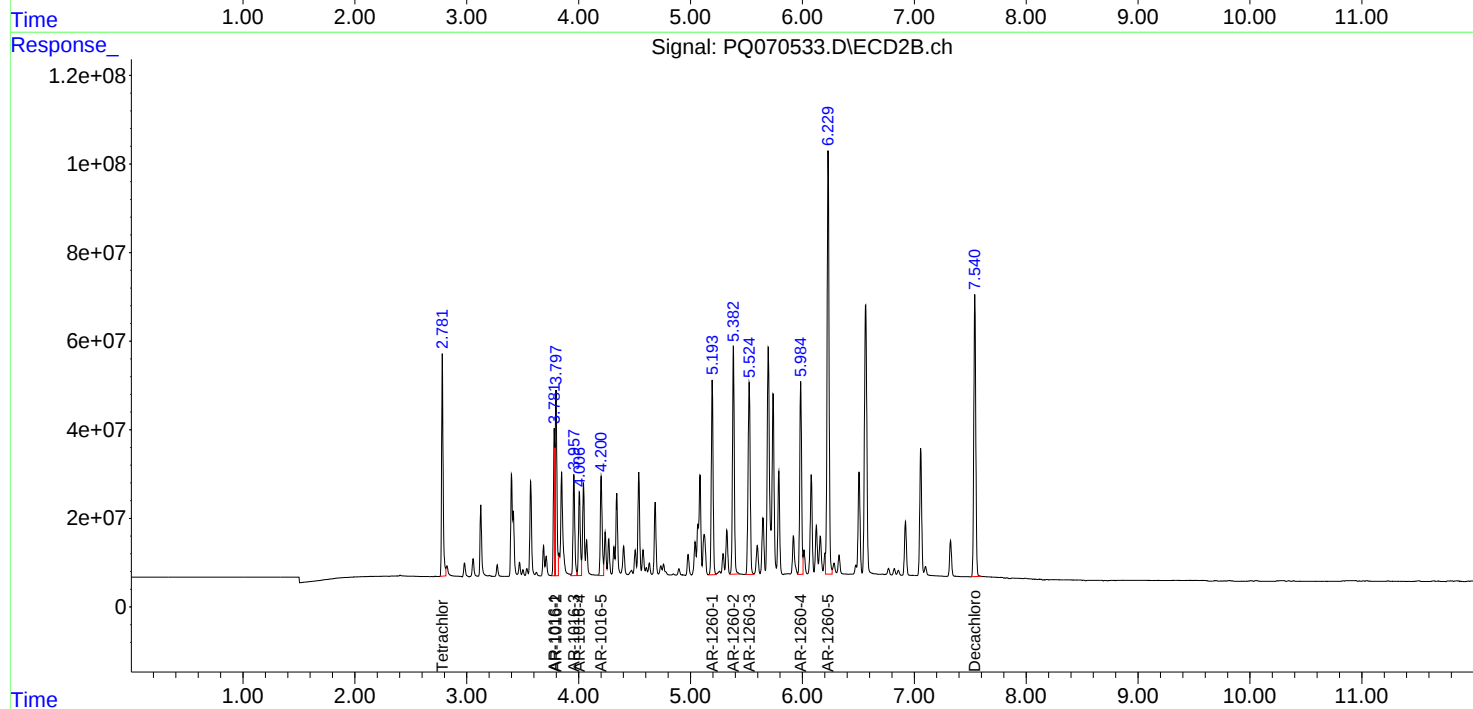
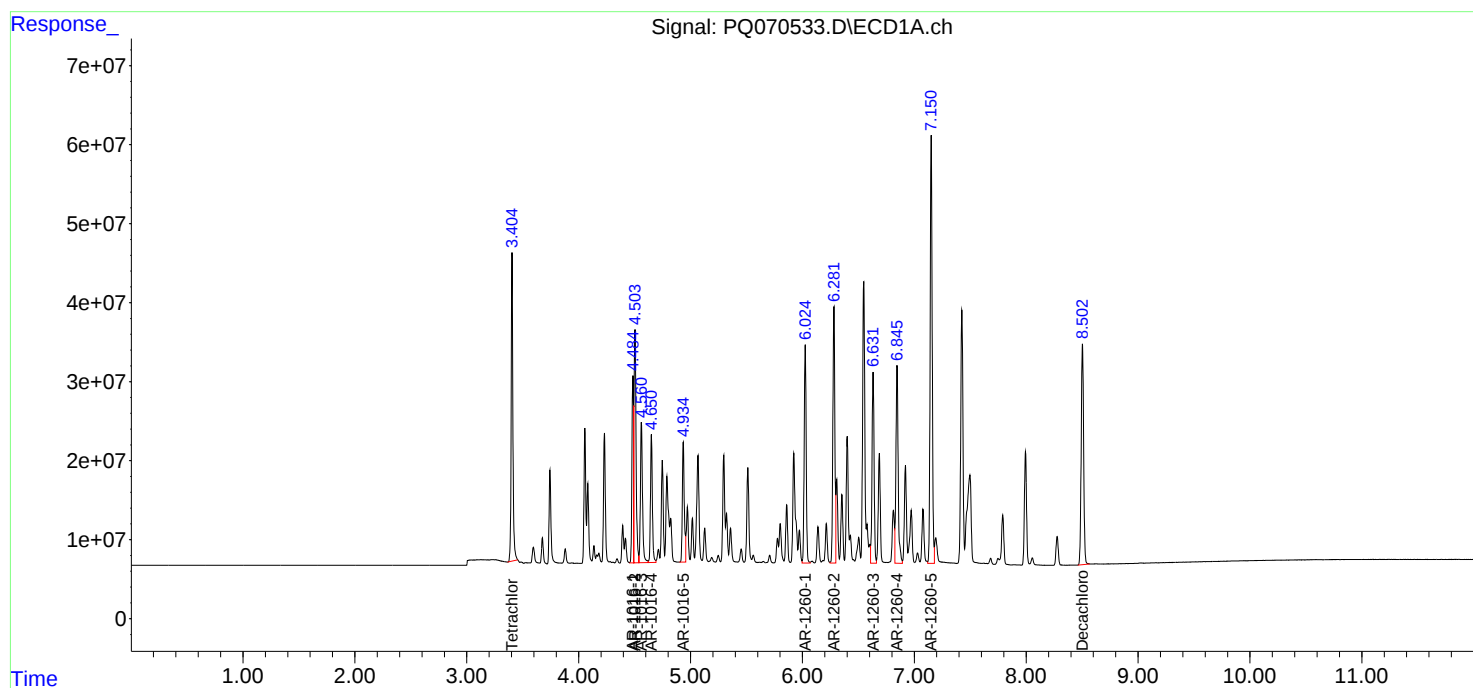
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 11:57
Operator : YP\AJ
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR16605011

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 12:07:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 12:07:09 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\PQ071425\
 Data File : PQ070534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 12:11
 Operator : YP\AJ
 Sample : AR1221ICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12211012

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 12:28:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 12:28:26 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	2.781	36349901	39244414	5.000	5.000
2) SA Decachlor...	8.502	7.540	36723204	69728953	10.000	10.000
Target Compounds						
8) L2 AR-1221-1	3.598	2.981	7817597	8349115	100.000	100.000
9) L2 AR-1221-2	3.675	3.057	5880183	6932646	100.000	100.000
10) L2 AR-1221-3	3.744	3.125	18695127	22894210	100.000	100.000

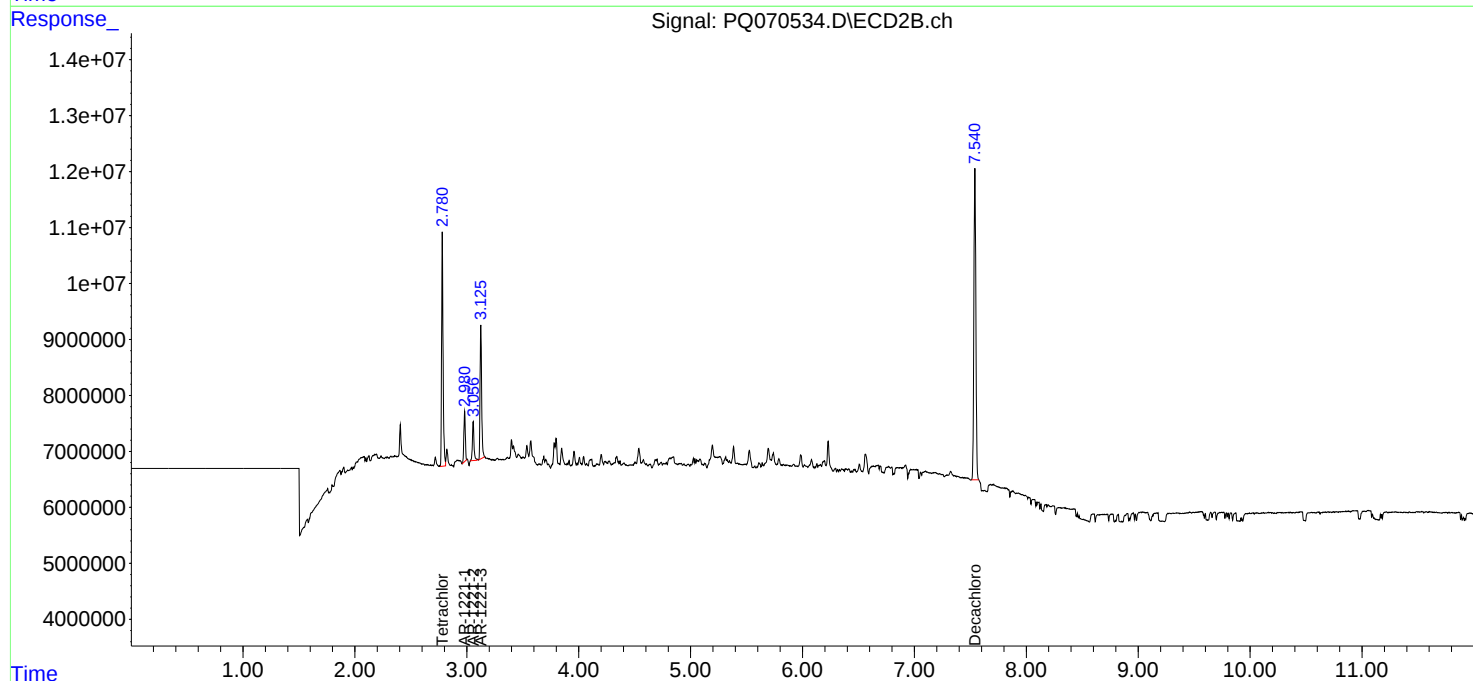
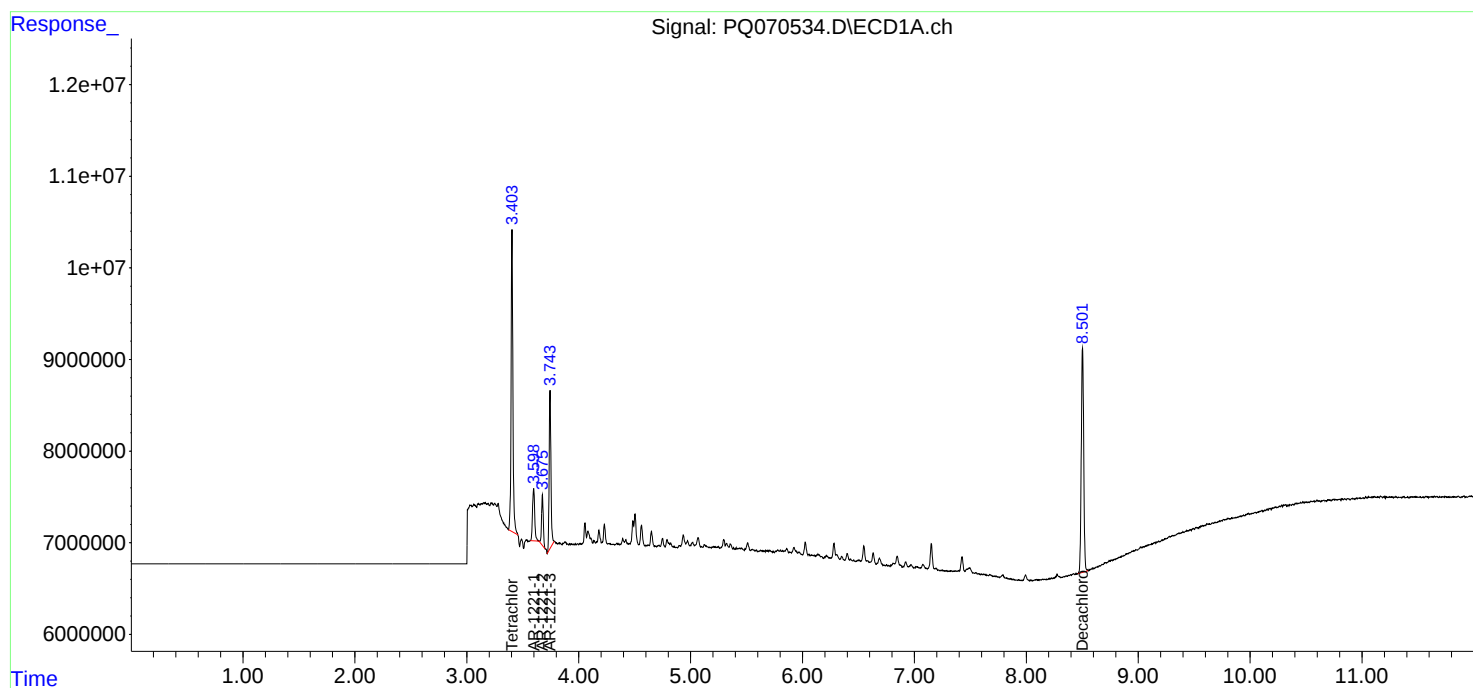
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 12:11
Operator : YP\AJ
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12211012

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 12:28:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 12:28:26 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\PQ071425\
 Data File : PQ070535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 12:26
 Operator : YP\AJ
 Sample : AR1232ICC100
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12321013

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 12:47:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 12:46:43 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	2.781	36351101	40716608	5.000	5.000
2) SA Decachlor...	8.503	7.541	34223427	69341299	10.000	10.000
Target Compounds						
11) L3 AR-1232-1	3.744	3.125	15150732	18914251	100.000	100.000
12) L3 AR-1232-2	4.231	3.798	8056104	18683834	100.000	100.000
13) L3 AR-1232-3	4.504	3.958	15425222	10200851	100.000	100.000
14) L3 AR-1232-4	4.651	4.043	7408858	8692321	100.000	100.000
15) L3 AR-1232-5	4.748	4.201	5005196	10257491	100.000	100.000

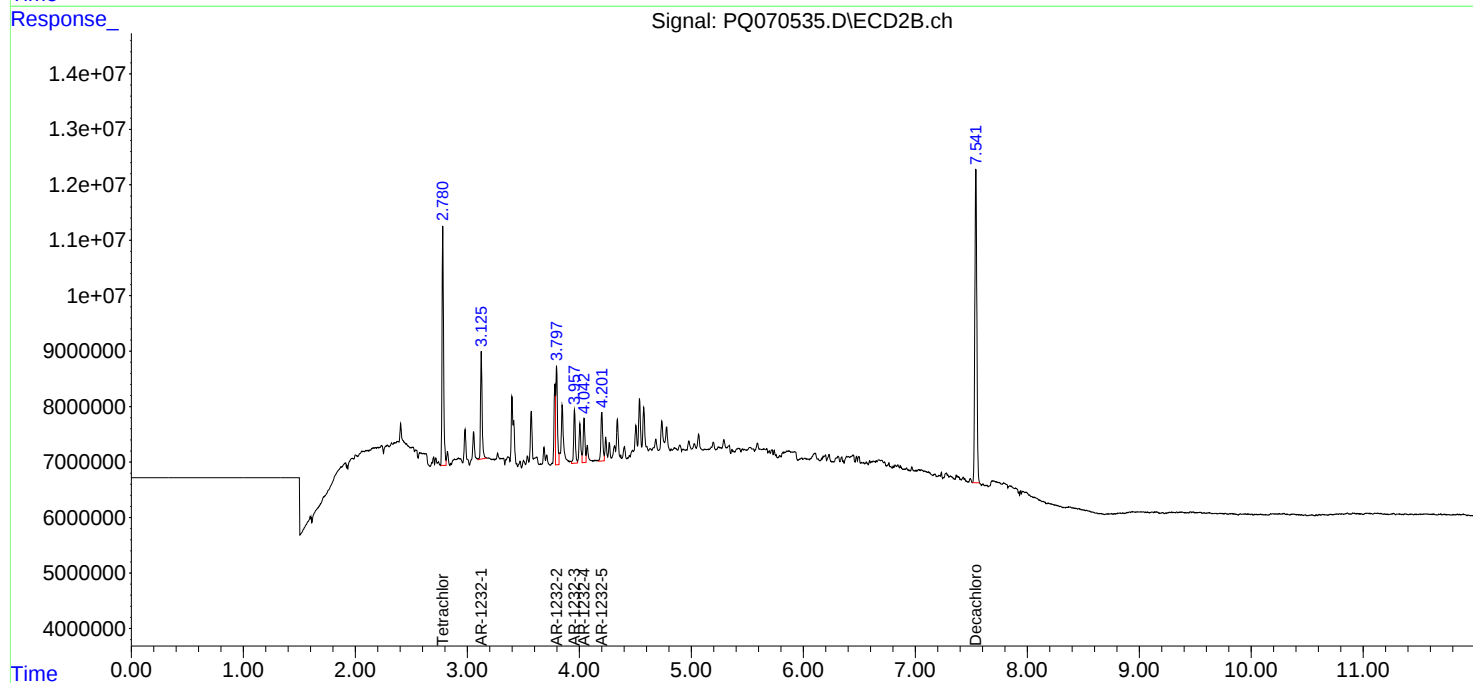
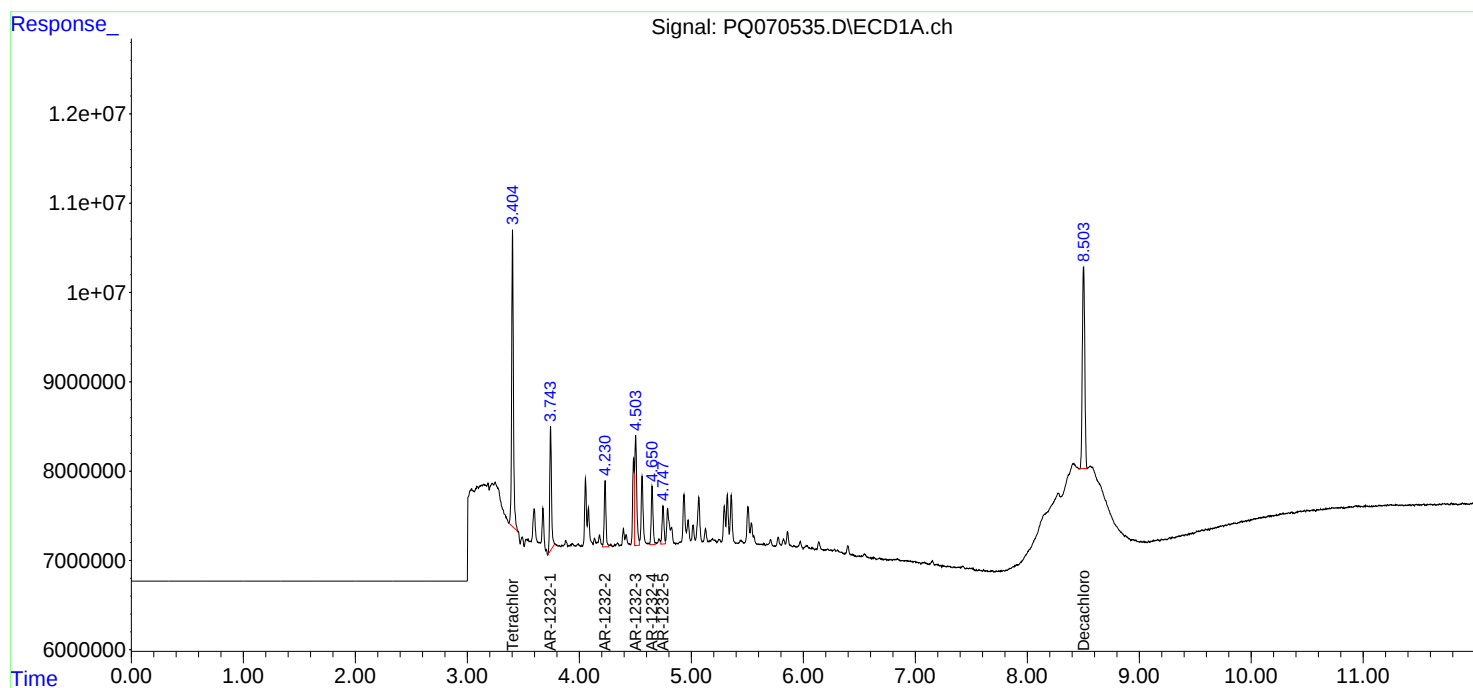
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070535.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 12:26
Operator : YP\AJ
Sample : AR1232ICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12321013

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 12:47:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 12:46:43 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\PQ071425\
 Data File : PQ070536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 12:40
 Operator : YP\AJ
 Sample : AR1242ICC100
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12421014

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:22:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:22:33 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	2.781	34510959	39066282	5.000	5.000
2) SA Decachlor...	8.502	7.541	37316755	71033574	10.000	10.000
Target Compounds						
16) L4 AR-1242-1	4.485	3.782	17622541	21945805	100.000	100.000
17) L4 AR-1242-2	4.503	3.798	26885866	33192044	100.000	100.000
18) L4 AR-1242-3	4.561	3.958	16742912	18235520	100.000	100.000
19) L4 AR-1242-4	4.650	4.044	13280706	17475837	100.000	100.000
20) L4 AR-1242-5	5.357	4.539	13617000	22443150	100.000	100.000

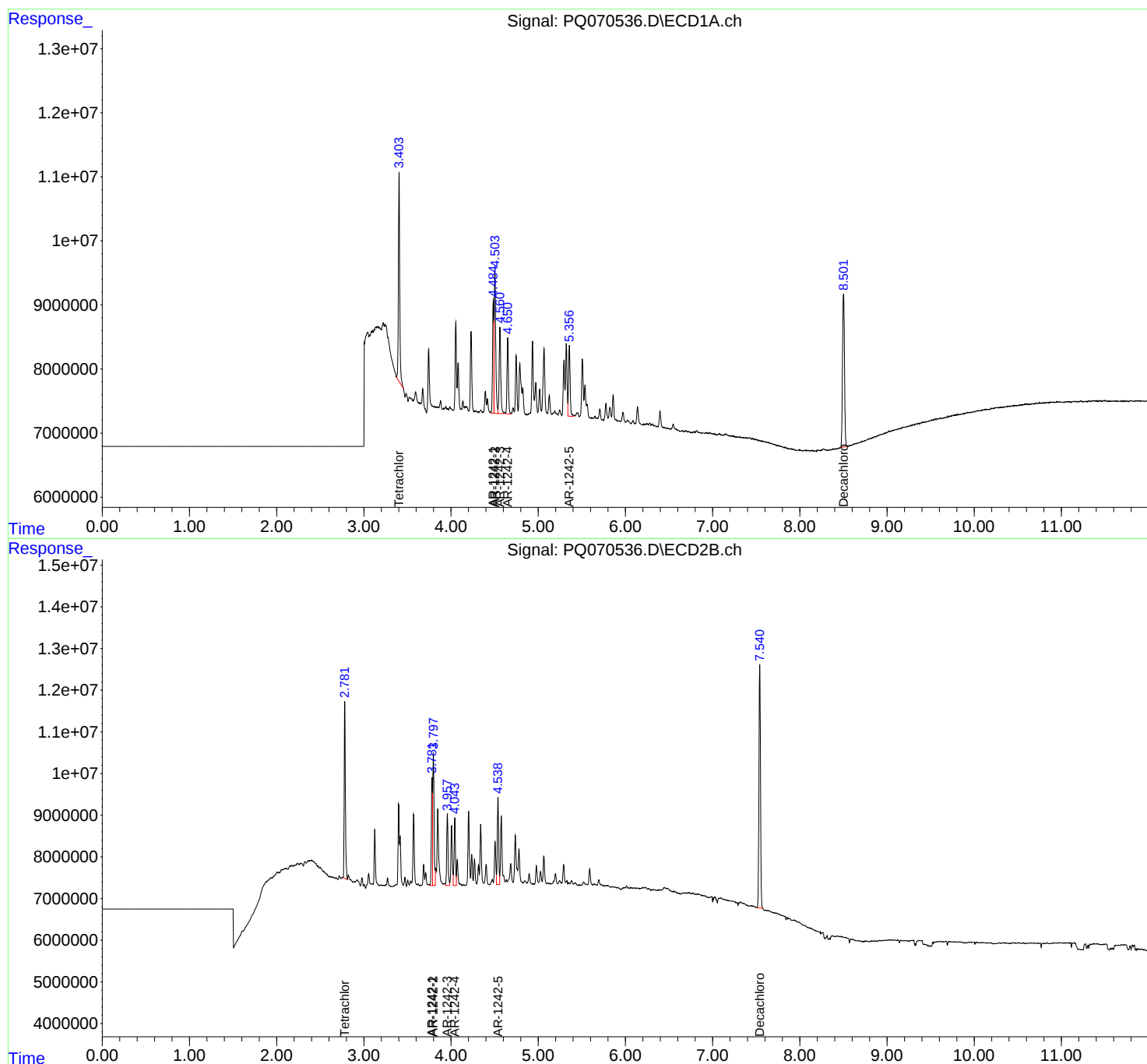
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070536.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 12:40
Operator : YP\AJ
Sample : AR1242ICC100
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12421014

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 15:22:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:22:33 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\PQ071425\
 Data File : PQ070537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 12:55
 Operator : YP\AJ
 Sample : AR1248ICC100
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12481015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:26:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:26:15 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	2.781	37133010	42786317	5.000	5.000
2) SA Decachlor...	8.503	7.540	39688690	75600880	10.000	10.000
Target Compounds						
21) L5 AR-1248-1	4.484	3.782	14367429	18082757	100.000	100.000
22) L5 AR-1248-2	4.748	4.006	20800157	28435943	100.000	100.000
23) L5 AR-1248-3	4.935	4.043	25137516	29052505	100.000	100.000
24) L5 AR-1248-4	5.322	4.201	26328765	37544863	100.000	100.000
25) L5 AR-1248-5	5.357	4.576	25835924	30571211	100.000	100.000

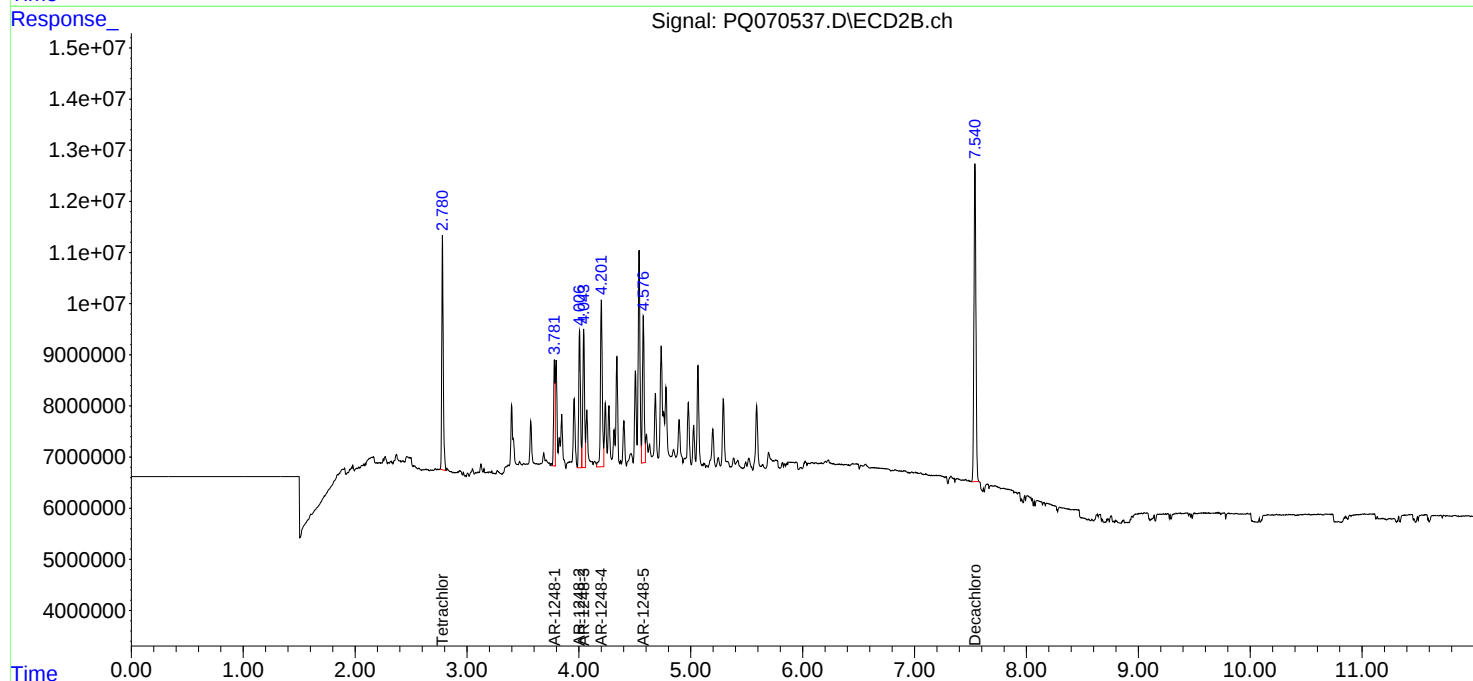
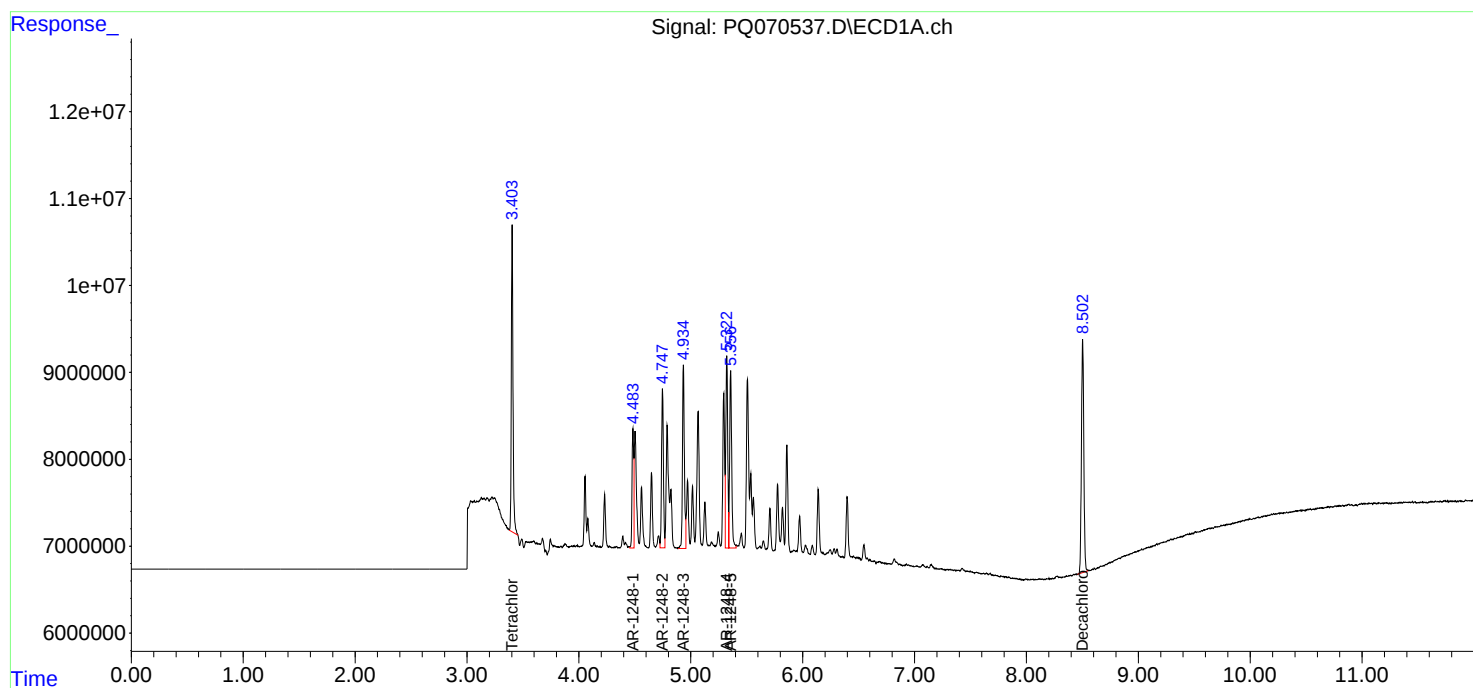
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 12:55
Operator : YP\AJ
Sample : AR1248ICC100
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12481015

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 15:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:26:15 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\PQ071425\
 Data File : PQ070538.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 13:10
 Operator : YP\AJ
 Sample : AR1254ICC100
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12541016

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:30:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:30:23 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	2.781	35741543	41444183	5.000	5.000
2) SA Decachlor...	8.502	7.541	38520605	72903722	10.000	10.000
Target Compounds						
26) L6 AR-1254-1	5.297	4.538	26596545	48459299	100.000	100.000
27) L6 AR-1254-2	5.512	4.684	41143543	43755852	100.000	100.000
28) L6 AR-1254-3	5.820	5.065	9671072	68124295	100.000	100.000
29) L6 AR-1254-4	6.140	5.291	30752946	40374280	100.000	100.000
30) L6 AR-1254-5	6.549	5.695	35004026	62973781	100.000	100.000

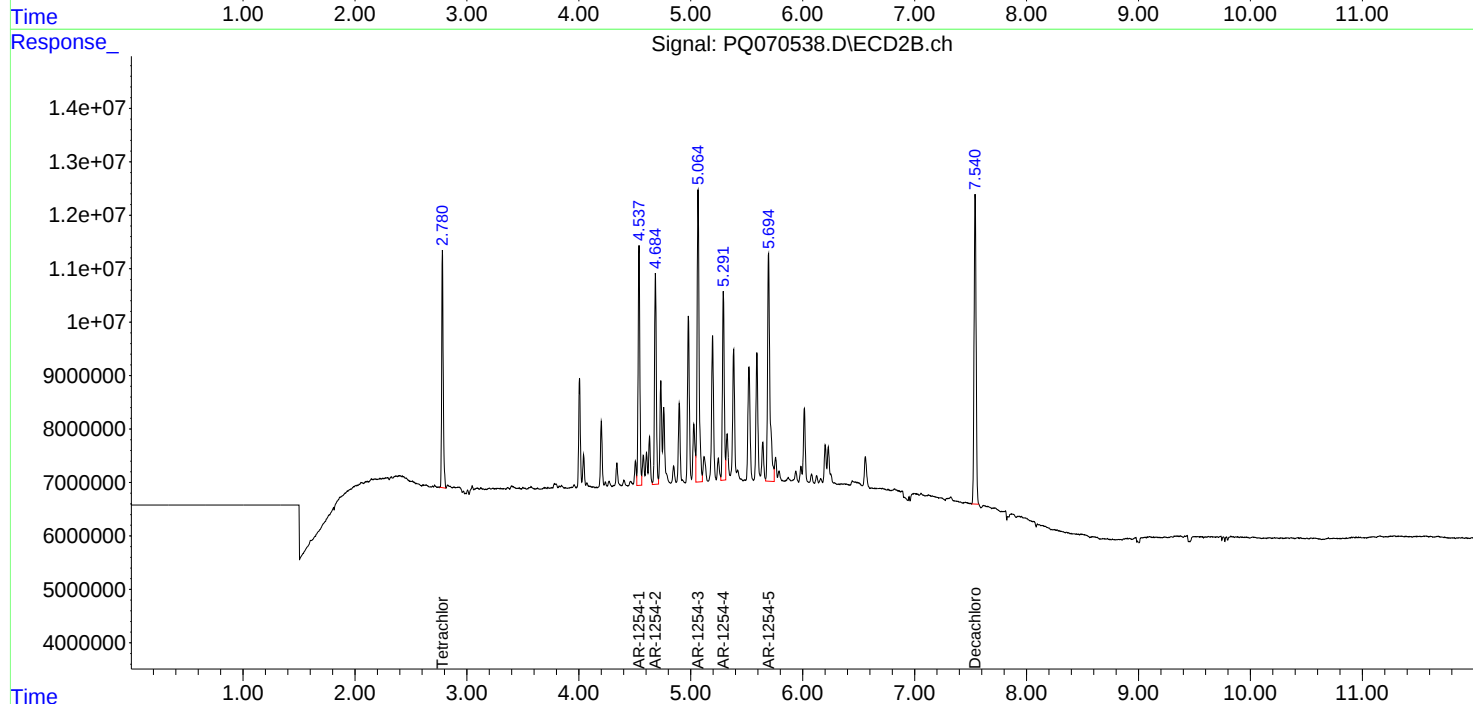
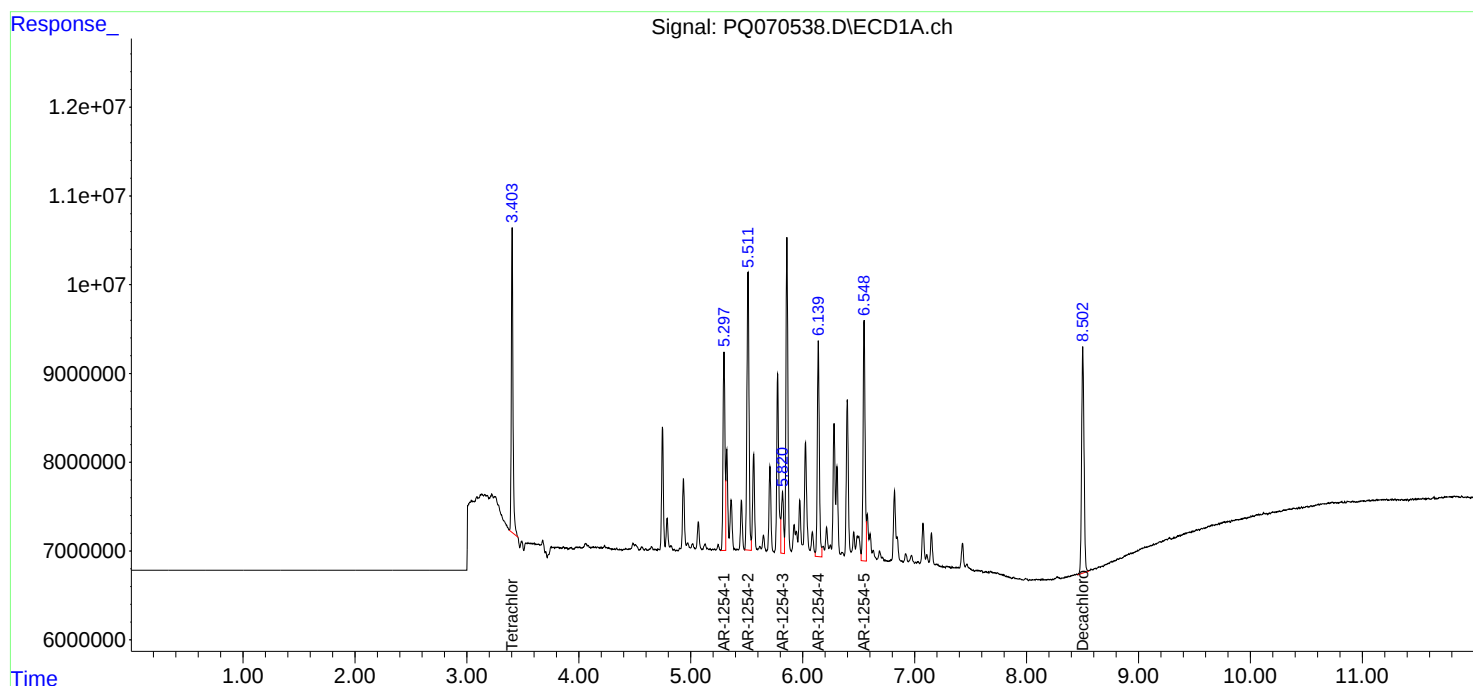
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 13:10
Operator : YP\AJ
Sample : AR1254ICC100
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12541016

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 15:30:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:30:23 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\PQ071425\
 Data File : PQ070539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 13:24
 Operator : YP\AJ
 Sample : AR1262ICC100
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12621017

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:34:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:33:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.404	2.781	33336777	39398228	5.000	5.000
2) SA Decachlor...	8.503	7.541	37136061	72587085	10.000	10.000
Target Compounds						
36) L8 AR-1262-1	6.845	5.739	36650786	63063350	100.000	100.000
37) L8 AR-1262-2	7.151	5.985	65655787	59983262	100.000	100.000
38) L8 AR-1262-3	7.425	6.507	43797233	49422280	100.000	100.000
39) L8 AR-1262-4	7.499	6.568	33524239	86833165	100.000	100.000
40) L8 AR-1262-5	7.993	7.058	21369664	40870582	100.000	100.000

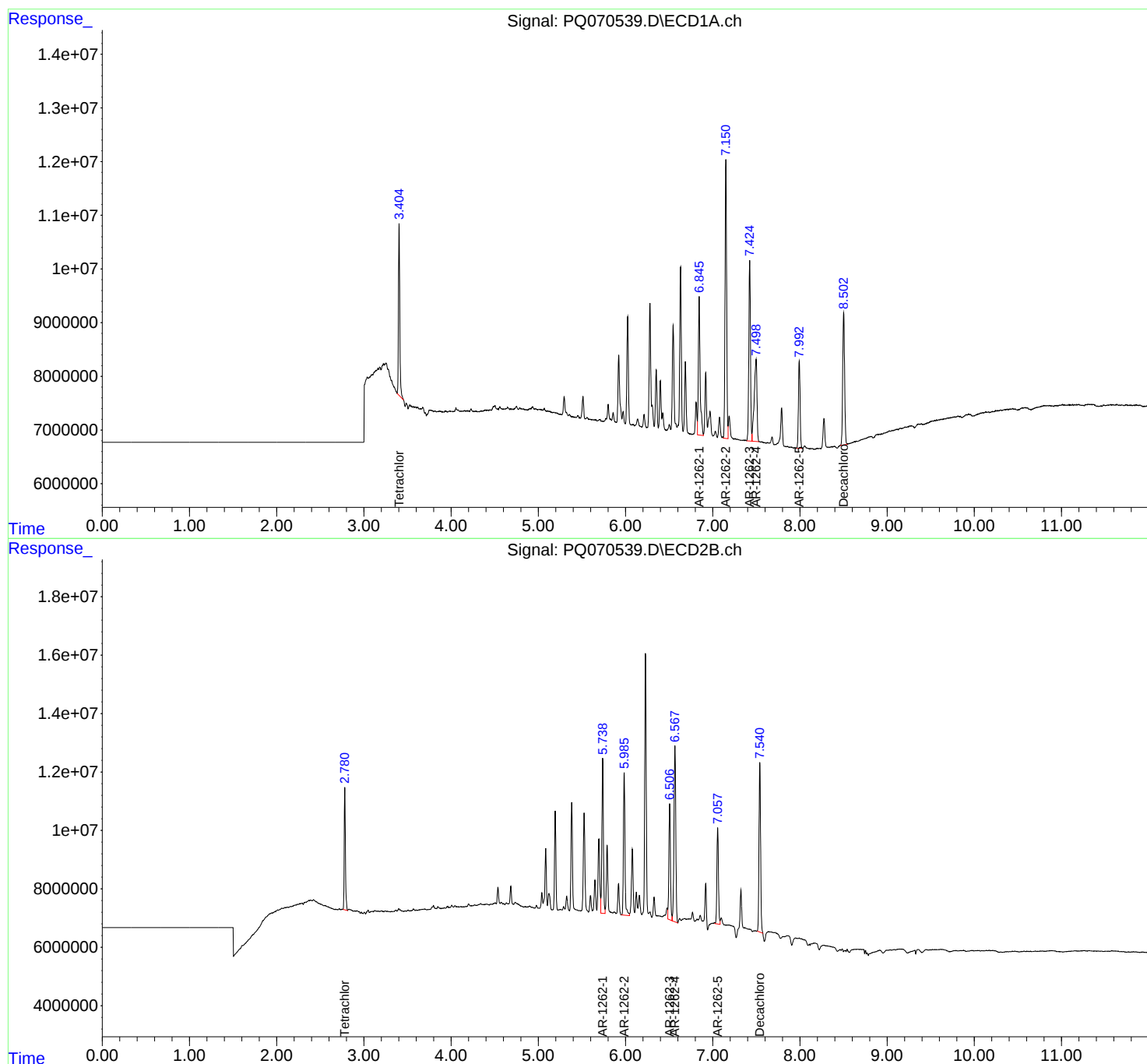
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 13:24
Operator : YP\AJ
Sample : AR1262ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12621017

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 15:34:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:33:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
 Data File : PQ070540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 13:39
 Operator : YP\AJ
 Sample : AR1268ICC100
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12681018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 15:37:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:36:57 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	2.781	35313500	41603823	5.000	5.000
2) SA Decachlor...	8.503	7.541	70423674	133.0E6	10.000	10.000
Target Compounds						
41) L9 AR-1268-1	7.423	6.506	77945058	131.9E6	100.000	100.000
42) L9 AR-1268-2	7.501	6.569	71529137	121.8E6	100.000	100.000
43) L9 AR-1268-3	7.681	6.769	58148524	103.7E6	100.000	100.000
44) L9 AR-1268-4	7.994	7.057	24342016	49259144	100.000	100.000
45) L9 AR-1268-5	8.277	7.323	163.1E6	303.7E6	100.000	100.000

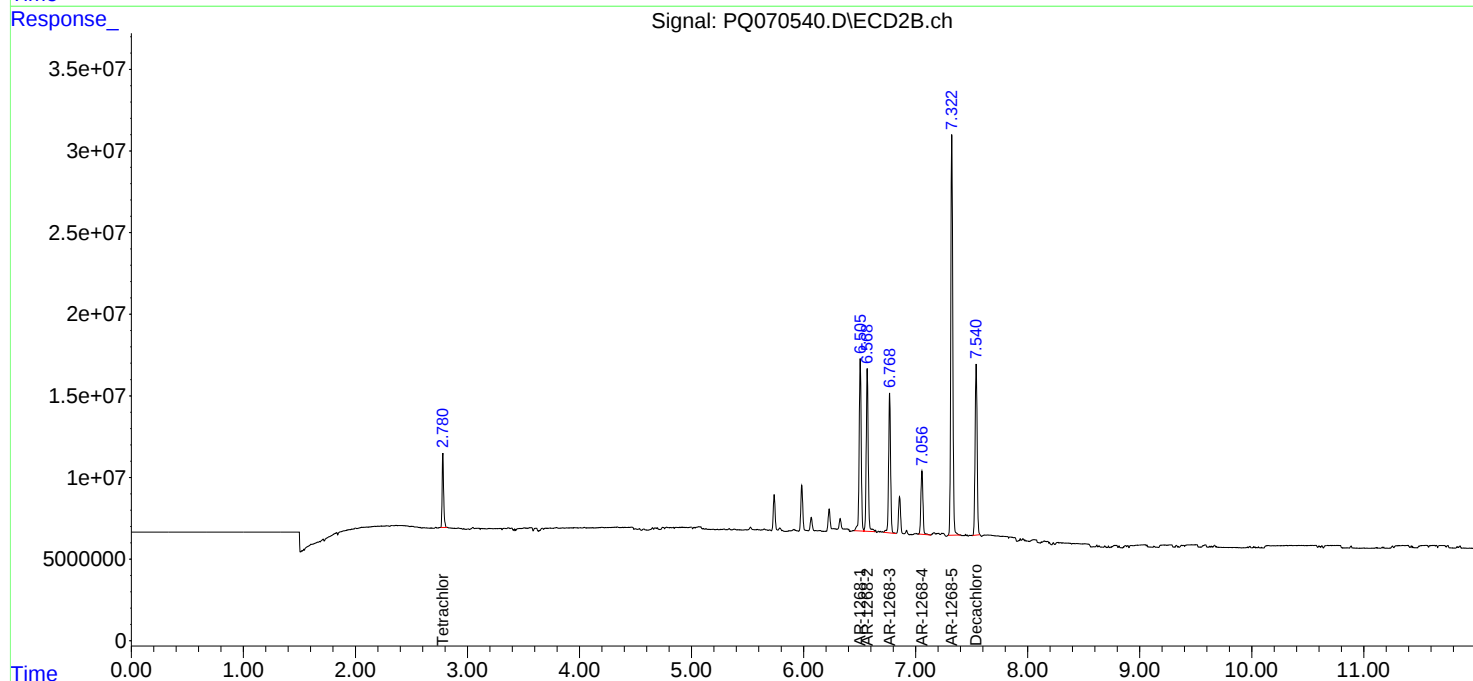
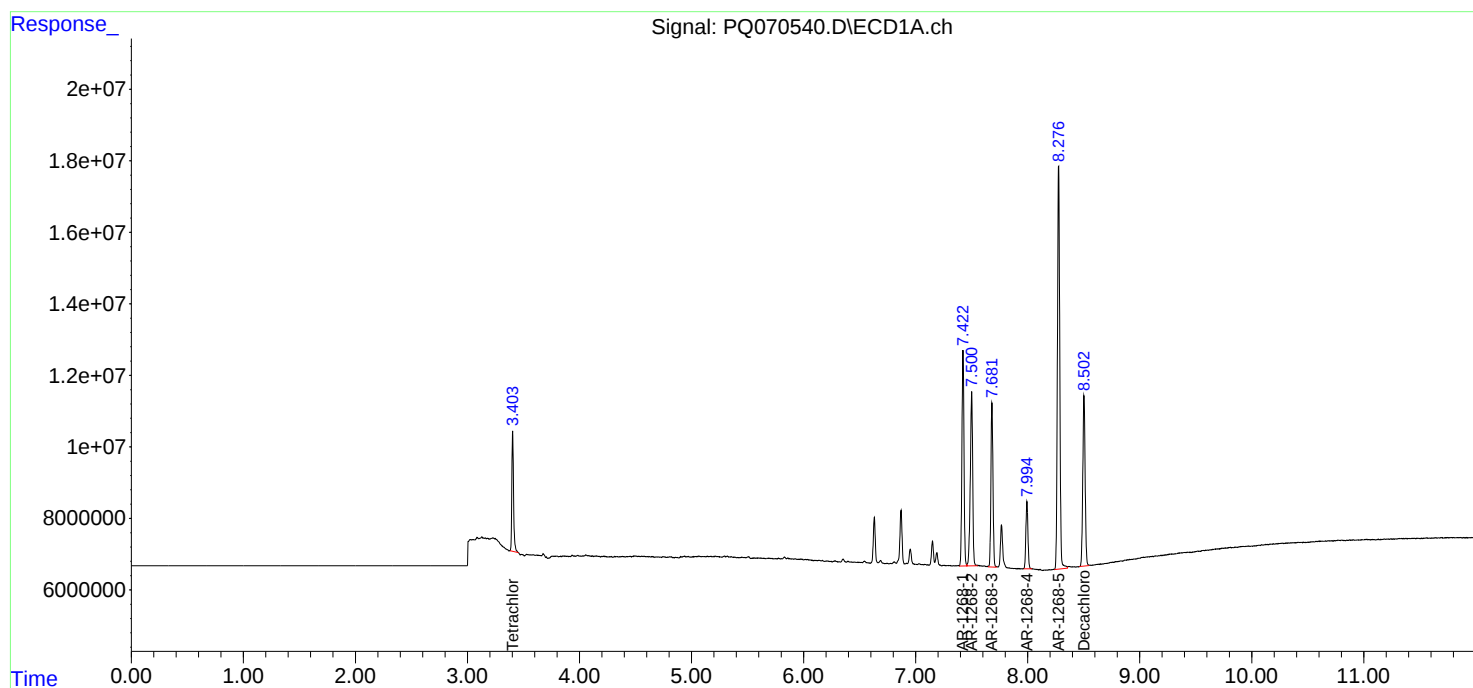
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071425\
Data File : PQ070540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 13:39
Operator : YP\AJ
Sample : AR1268ICC100
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR12681018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 15:37:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 14 15:36:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Chemtech Consulting Group	SDG No.: Q2581
Project: Weekly Storage Blanks	Instrument ID: ECD_Q
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/14/2025 07/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
AR16601007	AR1660ICC100	07/14/2025	10:58	PQ070529.D	8.50	3.40
AR16602008	AR1660ICC200	07/14/2025	11:13	PQ070530.D	8.50	3.41
AR16603009	AR1660ICC400	07/14/2025	11:27	PQ070531.D	8.50	3.40
AR16604010	AR1660ICC800	07/14/2025	11:42	PQ070532.D	8.50	3.40
AR16605011	AR1660ICC1600	07/14/2025	11:57	PQ070533.D	8.50	3.40
AR12211012	AR1221ICC100	07/14/2025	12:11	PQ070534.D	8.50	3.40
AR12321013	AR1232ICC100	07/14/2025	12:26	PQ070535.D	8.50	3.40
AR12421014	AR1242ICC100	07/14/2025	12:40	PQ070536.D	8.50	3.40
AR12481015	AR1248ICC100	07/14/2025	12:55	PQ070537.D	8.50	3.40
AR12541016	AR1254ICC100	07/14/2025	13:10	PQ070538.D	8.50	3.40
AR12621017	AR1262ICC100	07/14/2025	13:24	PQ070539.D	8.50	3.40
AR12681018	AR1268ICC100	07/14/2025	13:39	PQ070540.D	8.50	3.40
PCB-GPC2-BLANK	Q2581-13	07/16/2025	10:45	PQ070545.D	0.00	0.00
PCB-GCP2-BLANK-SPIKE	Q2581-14	07/16/2025	11:51	PQ070546.D	0.00	0.00

Analytical Sequence

Client: Chemtech Consulting Group	SDG No.: Q2581
Project: Weekly Storage Blanks	Instrument ID: ECD_Q
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/14/2025 07/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
AR16601007	AR1660ICC100	07/14/2025	10:58	PQ070529.D	7.54	2.78
AR16602008	AR1660ICC200	07/14/2025	11:13	PQ070530.D	7.54	2.78
AR16603009	AR1660ICC400	07/14/2025	11:27	PQ070531.D	7.54	2.78
AR16604010	AR1660ICC800	07/14/2025	11:42	PQ070532.D	7.54	2.78
AR16605011	AR1660ICC1600	07/14/2025	11:57	PQ070533.D	7.54	2.78
AR12211012	AR1221ICC100	07/14/2025	12:11	PQ070534.D	7.54	2.78
AR12321013	AR1232ICC100	07/14/2025	12:26	PQ070535.D	7.54	2.78
AR12421014	AR1242ICC100	07/14/2025	12:40	PQ070536.D	7.54	2.78
AR12481015	AR1248ICC100	07/14/2025	12:55	PQ070537.D	7.54	2.78
AR12541016	AR1254ICC100	07/14/2025	13:10	PQ070538.D	7.54	2.78
AR12621017	AR1262ICC100	07/14/2025	13:24	PQ070539.D	7.54	2.78
AR12681018	AR1268ICC100	07/14/2025	13:39	PQ070540.D	7.54	2.78
PCB-GPC2-BLANK	Q2581-13	07/16/2025	10:45	PQ070545.D	0.00	0.00
PCB-GCP2-BLANK-SPIKE	Q2581-14	07/16/2025	11:51	PQ070546.D	0.00	0.00



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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GCP2-BLANK-SPIK

Lab Name: Alliance

Contract: CHEM02

Lab Code: ACE

SDG NO.: Q2581

Lab Sample ID: Q2581-14

Date(s) Analyzed: 07/16/2025 07/16/2025

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 PQ070546.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.487	4.437	4.537	150	191	9.6
COLUMN 1	2	4.505	4.455	4.555	182		
	3	4.562	4.512	4.612	205		
	4	4.652	4.602	4.702	216		
	5	4.937	4.887	4.987	204		
	1	3.781	3.731	3.831	230		
COLUMN 2	2	3.797	3.747	3.847	226	210	
	3	3.957	3.907	4.007	205		
	4	4.005	3.955	4.055	186		
	5	4.2	4.15	4.25	202		
Aroclor-1260	1	6.027	5.977	6.077	221	209	3.9
COLUMN 1	2	6.283	6.233	6.333	237		
	3	6.633	6.583	6.683	176		
	4	6.848	6.798	6.898	214		
	5	7.154	7.104	7.204	197		
	1	5.193	5.143	5.243	208	201	
COLUMN 2	2	5.383	5.333	5.433	219		
	3	5.524	5.474	5.574	230		
	4	5.984	5.934	6.034	175		
	5	6.229	6.179	6.279	174		



QC SAMPLE DATA

Manual Integration Report

Sequence:

pq071425

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC100	PQ070529.D	Decachlorobiphenyl #2	yogesh	7/14/2025 4:20:11 PM	mohammad	7/16/2025 1:42:58	Peak Integrated by Software
AR1660ICC200	PQ070530.D	AR-1260-1 #2	yogesh	7/14/2025 4:20:12 PM	mohammad	7/16/2025 1:42:58	Peak Integrated by Software
AR1660ICC200	PQ070530.D	AR-1260-2 #2	yogesh	7/14/2025 4:20:12 PM	mohammad	7/16/2025 1:42:58	Peak Integrated by Software

Manual Integration Report

Sequence:

PQ071625

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC400	PQ070548.D	AR-1260-2	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	AR-1260-3	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	AR-1260-4	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	Decachlorobiphenyl	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	Decachlorobiphenyl #2	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	Tetrachloro-m-xylene	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software
AR1660CCC400	PQ070548.D	Tetrachloro-m-xylene #2	yogesh	7/17/2025 7:33:00 AM	mohammad	7/18/2025 3:11:17	Peak Integrated by Software

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ071425

Review By	yogesh	Review On	7/14/2025 3:31:39 PM
Supervise By	mohammad	Supervise On	7/16/2025 1:42:58 AM
SubDirectory	PQ071425	HP Acquire Method	HP Processing Method PQ071425
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	PQ070527.D	14 Jul 2025 10:29	YP\AJ	Ok
2	AIBLK14	PQ070528.D	14 Jul 2025 10:44	YP\AJ	Ok
3	AR1660ICC100	PQ070529.D	14 Jul 2025 10:58	YP\AJ	Ok,M
4	AR1660ICC200	PQ070530.D	14 Jul 2025 11:13	YP\AJ	Ok,M
5	AR1660ICC400	PQ070531.D	14 Jul 2025 11:27	YP\AJ	Ok
6	AR1660ICC800	PQ070532.D	14 Jul 2025 11:42	YP\AJ	Ok
7	AR1660ICC1600	PQ070533.D	14 Jul 2025 11:57	YP\AJ	Ok
8	AR1221ICC100	PQ070534.D	14 Jul 2025 12:11	YP\AJ	Ok
9	AR1232ICC100	PQ070535.D	14 Jul 2025 12:26	YP\AJ	Ok
10	AR1242ICC100	PQ070536.D	14 Jul 2025 12:40	YP\AJ	Ok
11	AR1248ICC100	PQ070537.D	14 Jul 2025 12:55	YP\AJ	Ok
12	AR1254ICC100	PQ070538.D	14 Jul 2025 13:10	YP\AJ	Ok
13	AR1262ICC100	PQ070539.D	14 Jul 2025 13:24	YP\AJ	Ok
14	AR1268ICC100	PQ070540.D	14 Jul 2025 13:39	YP\AJ	Ok
15	AIBLK15	PQ070541.D	14 Jul 2025 13:53	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ071625

Review By	yogesh	Review On	7/16/2025 1:55:30 PM
Supervise By	mohammad	Supervise On	7/18/2025 3:11:17 AM
SubDirectory	PQ071625	HP Acquire Method	HP Processing Method PQ071425
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	PQ070542.D	16 Jul 2025 09:44	YP\AJ	Ok
2	AIBLK16	PQ070543.D	16 Jul 2025 09:58	YP\AJ	Ok
3	AR1660CCC400	PQ070544.D	16 Jul 2025 10:27	YP\AJ	Ok
4	Q2581-13	PQ070545.D	16 Jul 2025 10:45	YP\AJ	Ok
5	Q2581-14	PQ070546.D	16 Jul 2025 11:51	YP\AJ	Ok
6	AIBLK17	PQ070547.D	16 Jul 2025 12:25	YP\AJ	Ok
7	AR1660CCC400	PQ070548.D	16 Jul 2025 13:37	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ071425

Review By	yogesh	Review On	7/14/2025 3:31:39 PM
Supervise By	mohammad	Supervise On	7/16/2025 1:42:58 AM
SubDirectory	PQ071425	HP Acquire Method	HP Processing Method PQ071425
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	PQ070527.D	14 Jul 2025 10:29		YP\AJ	Ok
2	AIBLK14	AIBLK374	PQ070528.D	14 Jul 2025 10:44		YP\AJ	Ok
3	AR1660ICC100	AR16601007	PQ070529.D	14 Jul 2025 10:58		YP\AJ	Ok,M
4	AR1660ICC200	AR16602008	PQ070530.D	14 Jul 2025 11:13		YP\AJ	Ok,M
5	AR1660ICC400	AR16603009	PQ070531.D	14 Jul 2025 11:27		YP\AJ	Ok
6	AR1660ICC800	AR16604010	PQ070532.D	14 Jul 2025 11:42		YP\AJ	Ok
7	AR1660ICC1600	AR16605011	PQ070533.D	14 Jul 2025 11:57		YP\AJ	Ok
8	AR1221ICC100	AR12211012	PQ070534.D	14 Jul 2025 12:11		YP\AJ	Ok
9	AR1232ICC100	AR12321013	PQ070535.D	14 Jul 2025 12:26		YP\AJ	Ok
10	AR1242ICC100	AR12421014	PQ070536.D	14 Jul 2025 12:40		YP\AJ	Ok
11	AR1248ICC100	AR12481015	PQ070537.D	14 Jul 2025 12:55		YP\AJ	Ok
12	AR1254ICC100	AR12541016	PQ070538.D	14 Jul 2025 13:10		YP\AJ	Ok
13	AR1262ICC100	AR12621017	PQ070539.D	14 Jul 2025 13:24		YP\AJ	Ok
14	AR1268ICC100	AR12681018	PQ070540.D	14 Jul 2025 13:39		YP\AJ	Ok
15	AIBLK15	AIBLK375	PQ070541.D	14 Jul 2025 13:53		YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ071625

Review By	yogesh	Review On	7/16/2025 1:55:30 PM
Supervise By	mohammad	Supervise On	7/18/2025 3:11:17 AM
SubDirectory	PQ071625	HP Acquire Method	HP Processing Method PQ071425

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#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070542.D	16 Jul 2025 09:44		YP\AJ	Ok
2	AIBLK16	AIBLK376	PQ070543.D	16 Jul 2025 09:58		YP\AJ	Ok
3	AR1660CCC400	AR16603181	PQ070544.D	16 Jul 2025 10:27		YP\AJ	Ok
4	Q2581-13	PCB-GPC2-BLANK	PQ070545.D	16 Jul 2025 10:45		YP\AJ	Ok
5	Q2581-14	PCB-GCP2-BLANK-SP	PQ070546.D	16 Jul 2025 11:51		YP\AJ	Ok
6	AIBLK17	AIBLK377	PQ070547.D	16 Jul 2025 12:25		YP\AJ	Ok
7	AR1660CCC400	AR16603182	PQ070548.D	16 Jul 2025 13:37		YP\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 07/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136437

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
Q2561-01	AUD-25-0115	1	1.15	10.37	11.52	11.33	98.2	
Q2561-02	AUD-25-0116	2	1.13	10.33	11.46	11.22	97.7	
Q2578-02	WC-A5-01-C	13	1.15	10.23	11.38	9.84	84.9	
Q2578-06	WC-A2-09-C	14	1.18	10.33	11.51	8.94	75.1	
Q2578-10	WC-A2-10-C	15	1.15	10.33	11.48	8.58	71.9	
Q2578-14	WC-A2-11-C	16	1.16	10.44	11.6	9.81	82.9	
Q2578-18	WC-A2-12-C	17	1.18	10.29	11.47	7.91	65.4	
Q2579-02	WC-A2-13-C	18	1.19	10.53	11.72	8.78	72.1	
Q2579-06	WC-A2-14-C	19	1.12	10.54	11.66	9.82	82.5	
Q2580-01	WC-URBAN-FILL-B1	20	1.18	10.04	11.22	10.6	93.8	
Q2580-02	WC-URBAN-FILL-B2	21	1.17	10.82	11.99	11.4	94.5	
Q2581-05	SVOC-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q2581-06	PEST-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2581-07	PEST-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q2581-08	PCB-GPC-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q2581-09	PCB-GPC-BLANK-SPIKE	7	1.00	1.00	2.00	2.00	100.0	
Q2581-10	SVOC-GPC2-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q2581-11	PEST-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q2581-12	PEST-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q2581-13	PCB-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2581-14	PCB-GCP2-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2586-01	TP-16	22	1.18	10.21	11.39	10.36	89.9	
Q2586-02	TP-16-EPH	23	1.15	10.84	11.99	11.34	94.0	
Q2586-03	TP-16-VOC	24	1.13	10.44	11.57	10.45	89.3	
Q2587-01	E-2257	25	1.00	1.00	2.00	2.00	100.0	oil sample
Q2587-02	F-2258	26	1.00	1.00	2.00	2.00	100.0	oil sample
Q2587-03	O-2267	27	1.00	1.00	2.00	2.00	100.0	oil sample
Q2589-01	AU-6-071125	28	1.15	10.43	11.58	10.35	88.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/14/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 07/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136437

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
Q2590-01	NB-7-071125	29	1.14	10.44	11.58	11.23	96.6	
Q2590-02	NB-7-071125-E2	30	1.13	10.74	11.87	10.71	89.2	
Q2591-01	72-12000-1	31	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2591-02	72-12000-2	32	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2591-03	NWB-2188	33	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

136437

WorkList Name : %1-071125 WorkList ID : 190653 Department : Wet-Chemistry Date : 07-11-2025 07:59:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2581-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2581-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/04/2025	Chemtech -SO
Q2561-01	AUD-25-0115	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/10/2025	Chemtech -SO
Q2561-02	AUD-25-0116	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/10/2025	Chemtech -SO
Q2586-01	TP-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2586-02	TP-16-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2586-03	TP-16-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2587-01	E-2257	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2587-02	F-2258	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2587-03	O-2267	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2591-01	72-12000-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2591-02	72-12000-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO
Q2591-03	NWB-2188	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/11/2025	Chemtech -SO

Date/Time 07-11-25 13:00 Date/Time 07-11-25 17:30
 Raw Sample Received by: [Signature] Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature] Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136437

WorkList Name : %1-071125 WorkList ID : 190653 Department : Wet-Chemistry Date : 07-11-2025 07:59:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2590-02	NB-07-071125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	07/11/2025	Chemtech -SO
Q2589-01	AU-06-071125	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	07/11/2025	Chemtech -SO
Q2590-01	NB-07-071125	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	07/11/2025	Chemtech -SO
Q2578-02	WC-A5-01-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2578-06	WC-A2-09-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2578-10	WC-A2-10-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2578-14	WC-A2-11-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2578-18	WC-A2-12-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2579-02	WC-A2-13-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2579-06	WC-A2-14-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2580-01	WC-URBAN-FILL-B1	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO
Q2580-02	WC-URBAN-FILL-B2	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	07/10/2025	Chemtech -SO

Date/Time 07-11-25 15:00
Raw Sample Received by: SS
Raw Sample Relinquished by: SS

Date/Time 07-11-25 17:30
Raw Sample Received by: SS
Raw Sample Relinquished by: SS

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

Clean Up SOP #: GPC Cleanup, Acid Cleanup

Extraction Start Date : 07/14/2025

Matrix : Solid

Extraction Start Time : 12:22

Weigh By: N/A

Extraction By: N/A

Extraction End Date : 07/15/2025

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

Standardized 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	EP2624
Hexane	N/A	E3950
H2SO4 1:1	N/A	EP2610
Methylene Chloride	N/A	E3954
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

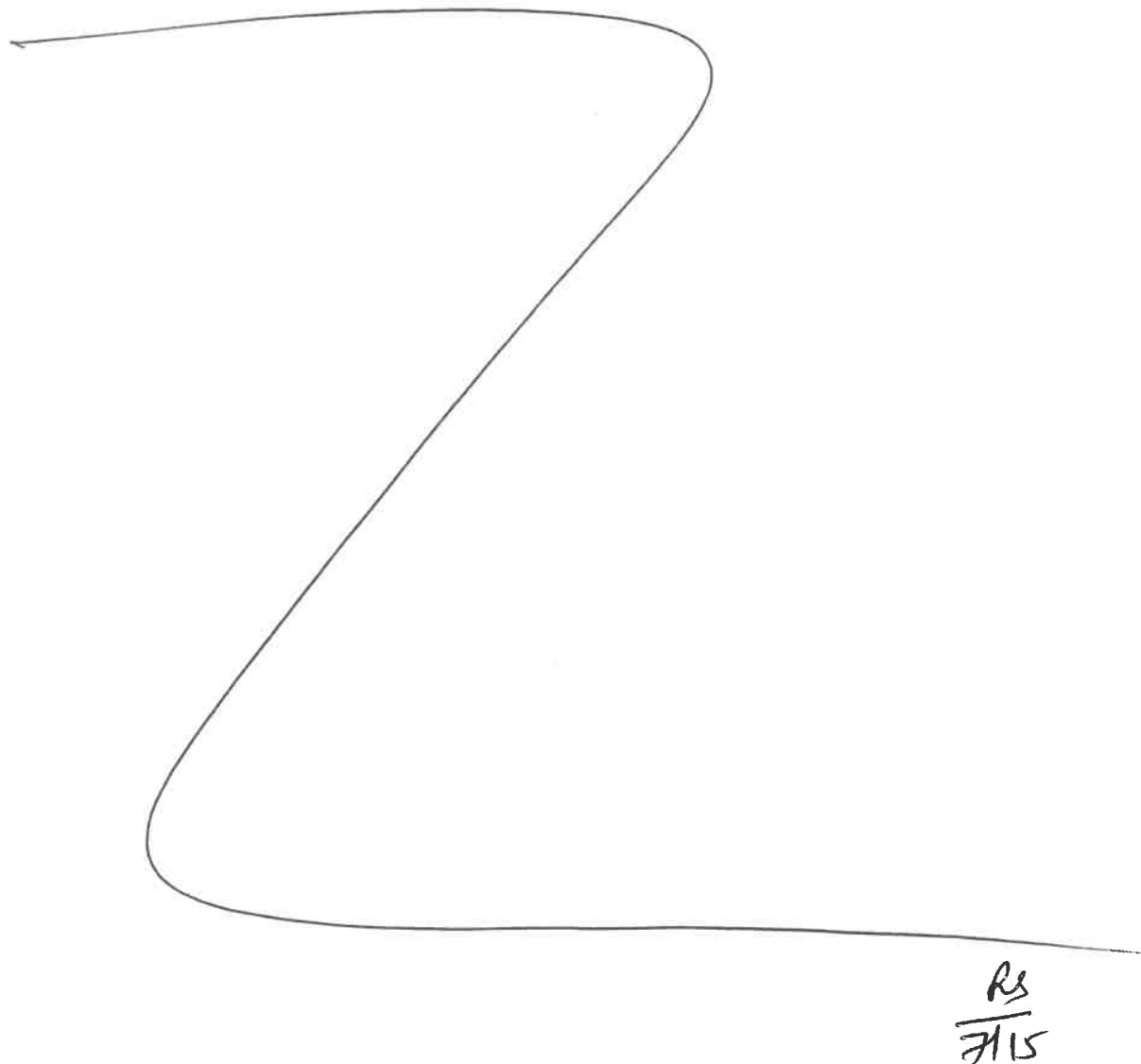
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/15/25	RS (Ext Lab)	Y-Pest HPD
10:20	Preparation Group	Analysis Group

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

Concentration Date: 07/15/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q2581-13	PCB-GPC2-BLANK	PCB	10.0	N/A	RUPESH	Evelyn	5			
Q2581-14	PCB-GCP2-BLANK-SPIKE	PCB	10.0	N/A	RUPESH	Evelyn	5			



Rs
7/15

168411
12:2903

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2581 WorkList ID : 190709 Department : Extraction Date : 07-14-2025 12:14:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2581-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	D31	07/04/2025	SFAM_SVOC
Q2581-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	D31	07/04/2025	SFAM_PEST
Q2581-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	D31	07/04/2025	SFAM_PEST
Q2581-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	D31	07/04/2025	SFAM_PCB
Q2581-14	PCB-GCP2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	D31	07/04/2025	SFAM_PCB

Date/Time 7/14/25 12:15
Raw Sample Received by: RS (Ext-062)
Raw Sample Relinquished by: JD (SM)

Date/Time 7/14/25 12:45
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RS (Ext-062)



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:

22581

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	A/E									<- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X									
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X									
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X									
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X									
5.	SVOC-GPC-BLANK	SO		X			1		X								
6.	PEST-GPC-BLANK	SO		X			1			X							
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X							
8.	PCB-GPC-BLANK	SO		X			1				X						
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X						
10.	SVOC-GPC2-BLANK	SO		X			1		X								

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____
1. <i>Sorm</i>	07/11/25	1.	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight
3.		3.	Shipment Complete ☐ YES ☐ NO

Page 1 of 2

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

Alliance Project Number:

Q2581

CHAIN OF CUSTODY RECORD

COC Number:

CLIENT INFORMATION			PROJECT INFORMATION					BILLING INFORMATION																																																			
COMPANY: Alliance Technical Group			PROJECT NAME: Weekly Storage Blanks					BILL TO: Same PO#																																																			
ADDRESS: 284 Sheffield Street			PROJECT #: LOCATION:					ADDRESS:																																																			
CITY: Mountainside STATE: NJ ZIP: 07092			PROJECT MANAGER:					CITY: STATE: ZIP:																																																			
ATTENTION: QA Officer			E-MAIL:					ATTENTION: PHONE:																																																			
PHONE: 908-789-8900 FAX: 908-788-9222			PHONE: FAX:																																																								
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION					ANALYSIS																																																			
FAX: 10 DAYS* HARD COPY: 10 DAYS* EDD DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4) ☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2) ☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4) ☐ NJ FULL (L4) ☐ Other _____ ☐ EDD Format _____					<table border="1"><thead><tr><th>VOC-Drinking H2O</th><th>SVOC-Full+25-8270</th><th>PESTICIDE-TCL</th><th>PCB</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th colspan="5"></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td colspan="5"></td></tr></tbody></table>										VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB											1	2	3	4	5	6	7	8	9																			
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1	2	3	4	5	6	7	8	9																																																			
ALLIANCE SAMPLE ID			PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		PRESERVATIVES									COMMENTS																																					
							COMP GRAB		DATE TIME				A/E									← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other																																					
													1 2 3 4 5 6 7 8 9																																														
1.	PEST-GPC2-BLANK		SO				X				1																																																
2.	PEST-GPC2-BLANK-SPIKE		SO				X				1																																																
3.	PCB-GPC2-BLANK		SO				X				1																																																
4.	PCB-GPC2-BLANK-SPIKE		SO				X				1																																																
5.																																																											
6.																																																											
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8.																																																											
9.																																																											
10.																																																											
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																																																											
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____																																																					
1. Sam		07/11/25		1.		Comments:																																																					
RELINQUISHED BY		DATE/TIME		RECEIVED BY																																																							
2.				2.																																																							
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY																																																							
3.				3.																																																							
Page 2 of 2										SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight										Shipment Complete ☐ YES ☐ NO																																							
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