284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 is 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

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LAB CHRONICLE

OrderID:	Q1124	**OrderDate:**	1/17/2025 10:06:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	E11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1124-13	**PCB-GPC2-BLANK**	**SOIL**			**01/17/25**			**01/17/25**
			PCB	SFAM_PCB		01/20/25	01/21/25	
Q1124-14	**PCB-GPC2-BLANK-SPIKE**	**SOIL**			**01/17/25**			**01/17/25**
			PCB	SFAM_PCB		01/20/25	01/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1124 **Order ID:** Q1124

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								
Q1124-14	PCB-GPC2-BLANK-S	SOIL	Aroclor-1016	390		7.20	100	ug/kg
Q1124-14	PCB-GPC2-BLANK-S	SOIL	Aroclor-1260	400		7.50	100	ug/kg
			Total Concentration:	**790.000**				

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1124

Client: Chemtech Consulting Group

Analytical Method: SFAM_PCB

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PR069970.D	PIBLK-PR069970.D	TCX	1	20	0.20	99		30	150
		DCB	1	40	0.42	105		30	150
		TCX	2	20	0.21	105		30	150
		DCB	2	40	0.41	103		30	150
I.BLK-PR070040.D	PIBLK-PR070040.D	TCX	1	20	0.19	96		30	150
		DCB	1	40	0.41	102		30	150
		TCX	2	20	0.20	100		30	150
		DCB	2	40	0.39	98		30	150
Q1124-13	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
Q1124-14	PCB-GPC2-BLANK-SPIKE	TCX	1	20	0	0	*	30	150
		DCB	1	40	0	0	*	30	150
		TCX	2	20	0	0	*	30	150
		DCB	2	40	0	0	*	30	150
I.BLK-PR070044.D	PIBLK-PR070044.D	TCX	1	20	0.19	96		30	150
		DCB	1	40	0.40	100		30	150
		TCX	2	20	0.20	100		30	150
		DCB	2	40	0.39	98		30	150

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1124 SAS No.: Q1124 SDG NO.: Q1124

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

Raw Data: **PR070042.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/17/25
Project:	Weekly Storage Blanks	Date Received:	01/17/25
Client Sample ID:	PCB-GPC2-BLANK	SDG No.:	Q1124
Lab Sample ID:	Q1124-13	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
PR070042.D	1	01/20/25 10:26	01/21/25 10:49	PB166140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	7.20	U	7.20	100	ug/kg
11104-28-2	Aroclor-1221	7.50	U	7.50	100	ug/kg
11141-16-5	Aroclor-1232	7.50	U	7.50	100	ug/kg
53469-21-9	Aroclor-1242	7.50	U	7.50	100	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	100	ug/kg
11097-69-1	Aroclor-1254	7.50	U	7.50	100	ug/kg
11096-82-5	Aroclor-1260	7.50	U	7.50	100	ug/kg
37324-23-5	Aroclor-1262	7.50	U	7.50	100	ug/kg
11100-14-4	Aroclor-1268	7.50	U	7.50	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

Quantitation Report (QT Reviewed)

Sample Results: **PR070042.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 10:49
Operator : AJ\MA
Sample : Q1124-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:14:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds

Target Compounds

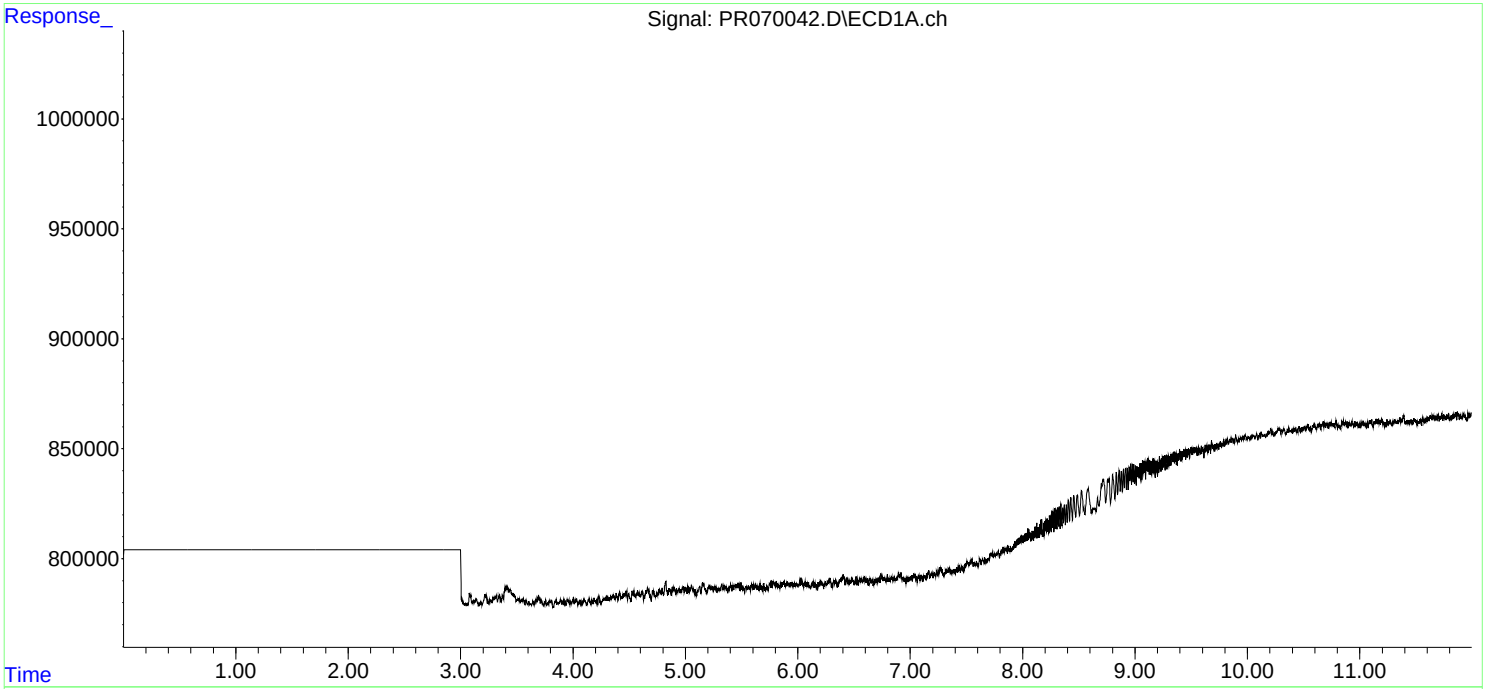
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

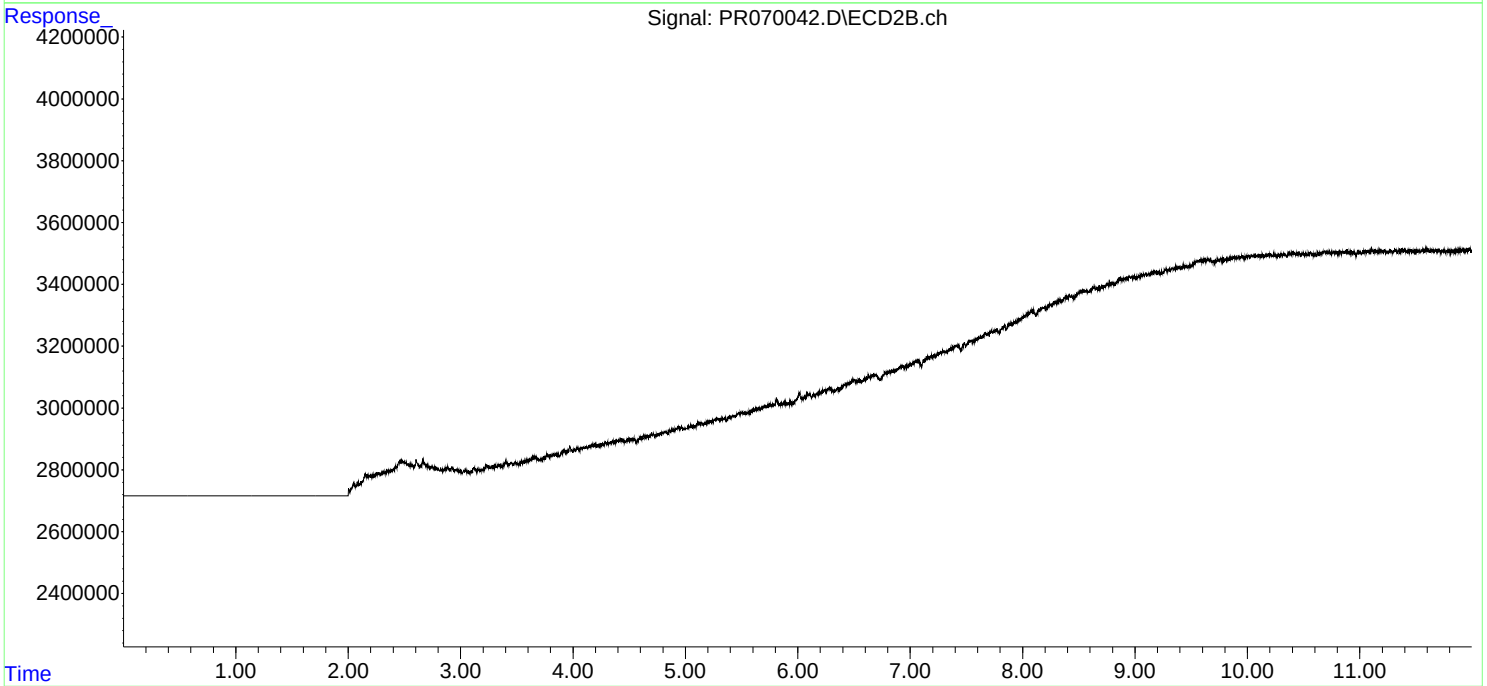
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070042.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 10:49
Operator : AJ\MA
Sample : Q1124-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
PCB-GPC2-BLANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:14:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





Raw Data: **PR070043.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/17/25
Project:	Weekly Storage Blanks	Date Received:	01/17/25
Client Sample ID:	PCB-GPC2-BLANK-SPIKE	SDG No.:	Q1124
Lab Sample ID:	Q1124-14	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
PR070043.D	1	01/20/25 10:26	01/21/25 11:03	PB166140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	390		7.20	100	ug/kg
11104-28-2	Aroclor-1221	7.50	U	7.50	100	ug/kg
11141-16-5	Aroclor-1232	7.50	U	7.50	100	ug/kg
53469-21-9	Aroclor-1242	7.50	U	7.50	100	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	100	ug/kg
11097-69-1	Aroclor-1254	7.50	U	7.50	100	ug/kg
11096-82-5	Aroclor-1260	400		7.50	100	ug/kg
37324-23-5	Aroclor-1262	7.50	U	7.50	100	ug/kg
11100-14-4	Aroclor-1268	7.50	U	7.50	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_R\Data\PR012125\
Data File : PR070043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:03
Operator : AJ\MA
Sample : Q1124-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
	Target Compounds						
3)	L1 AR-1016-1	4.852	4.079	11111723	71900039	394.763	398.923
4)	L1 AR-1016-2	4.873	4.097	18803002	109.3E6	422.647	413.268
5)	L1 AR-1016-3	4.938	4.277	11388119	54921740	406.428	391.117
6)	L1 AR-1016-4	5.040	4.328	8405447	46896499	394.614	376.918
7)	L1 AR-1016-5	5.354	4.546	9307900	55844913	390.396	371.408
31)	L7 AR-1260-1	6.566	5.641	17918495	106.5E6	432.307	427.401
32)	L7 AR-1260-2	6.851	5.846	18480442	119.9E6	427.173	439.690
33)	L7 AR-1260-3	7.242	6.004	13268992	120.0E6	367.253	440.870
34)	L7 AR-1260-4	7.484	6.511	14985926	86994726	383.252	379.947
35)	L7 AR-1260-5	7.825	6.778	25291431	197.9E6	403.847	405.105

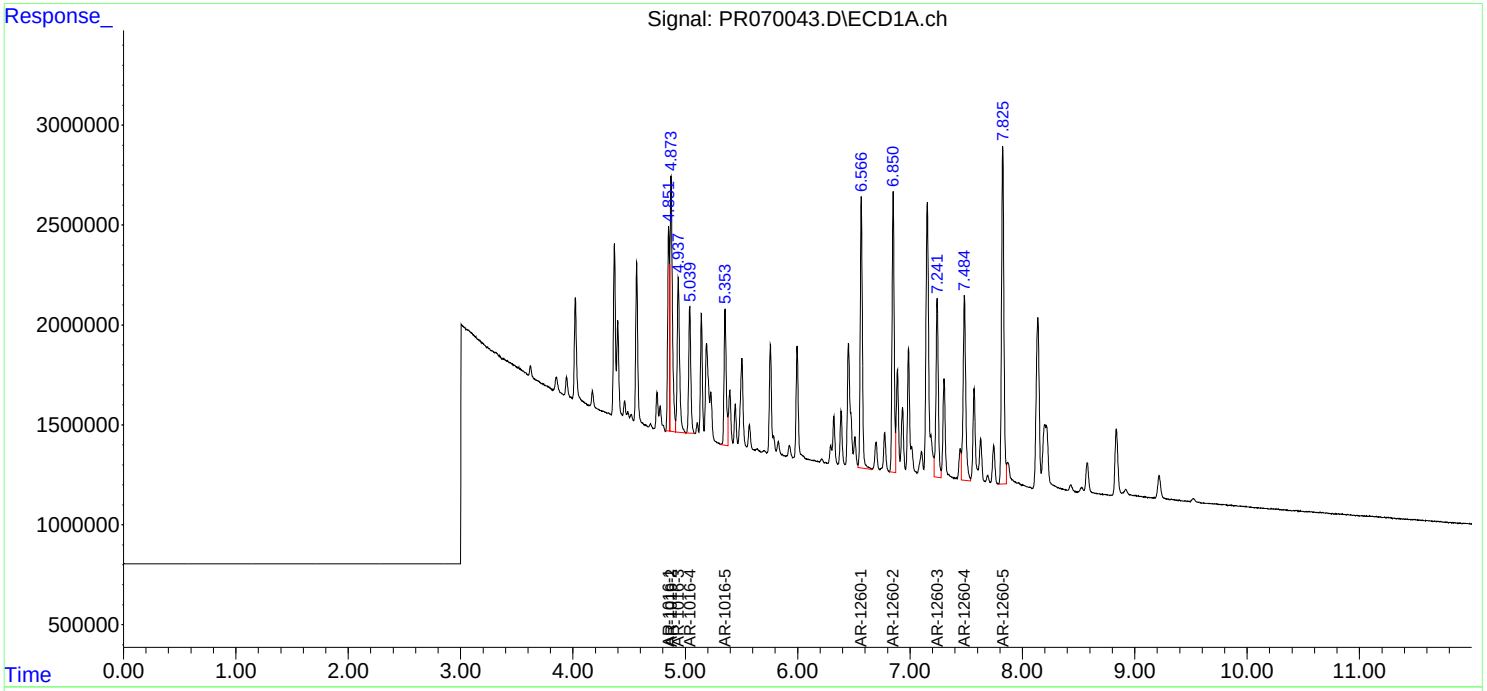
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

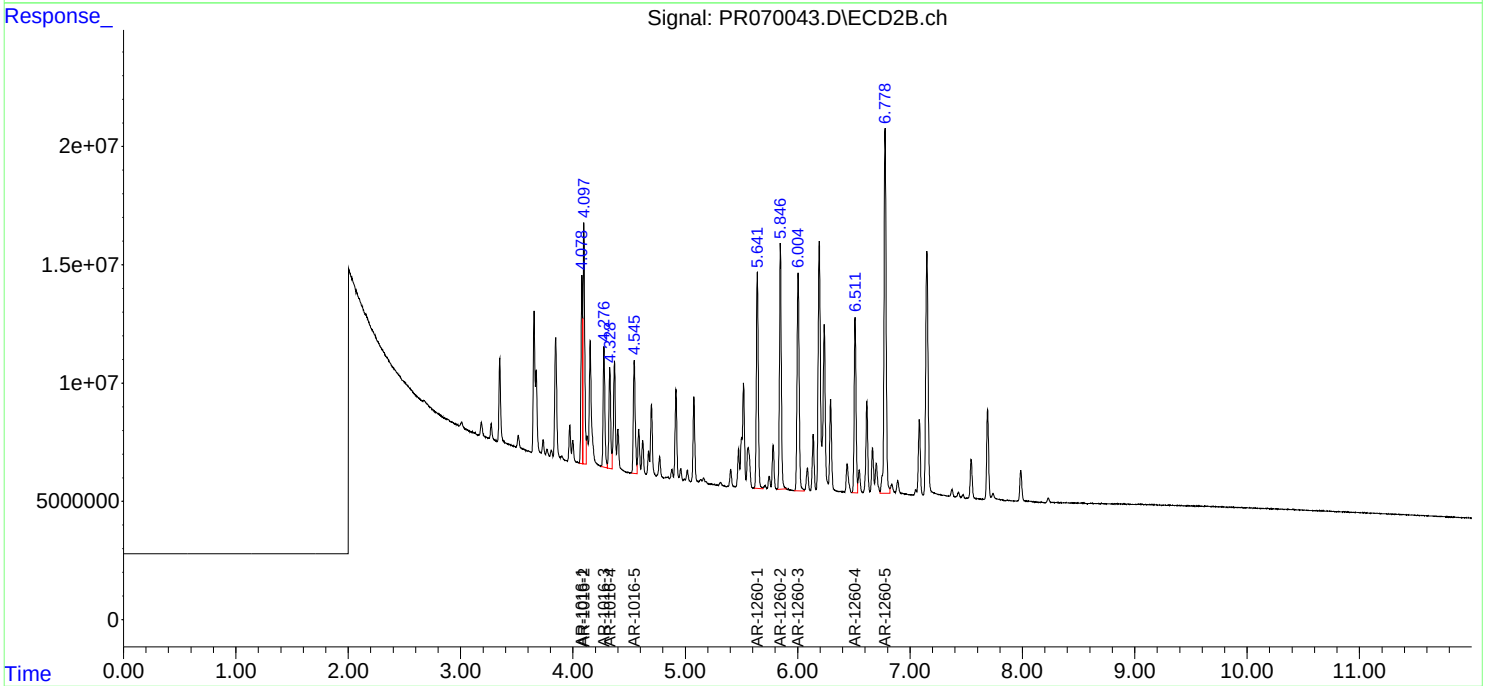
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:03
Operator : AJ\MA
Sample : Q1124-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:14:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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





CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Instrument ID: ECD_R **Calibration Date(s):** 01/16/2025 01/17/2025

Calibration Times: 16:46 02:19

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

LAB FILE ID: RT 100 = PR069971.D RT 200 = PR069972.D

RT 400 = PR069973.D RT 800 = PR069974.D RT 1600 = PR069975.D

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.85	4.85	4.85	4.85	4.85	4.85	4.78	4.92
Aroclor-1016-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.94	4.93	4.86	5.00
Aroclor-1016-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.97	5.11
Aroclor-1016-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.28	5.42
Aroclor-1260-1	(1)	6.56	6.56	6.56	6.56	6.56	6.56	6.49	6.63
Aroclor-1260-2	(2)	6.85	6.85	6.85	6.85	6.85	6.85	6.78	6.92
Aroclor-1260-3	(3)	7.24	7.24	7.24	7.24	7.24	7.24	7.17	7.31
Aroclor-1260-4	(4)	7.48	7.48	7.48	7.48	7.48	7.48	7.41	7.55
Aroclor-1260-5	(5)	7.82	7.82	7.82	7.82	7.82	7.82	7.75	7.89
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1221-1	(1)	3.85	3.85	3.85	3.85	3.85	3.85	3.78	3.92
Aroclor-1221-2	(2)	3.94	3.94	3.94	3.94	3.94	3.94	3.87	4.01
Aroclor-1221-3	(3)	4.02	4.02	4.02	4.02	4.02	4.02	3.95	4.09
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1232-1	(1)	4.02	4.02	4.02	4.02	4.02	4.02	3.95	4.09
Aroclor-1232-2	(2)	4.56	4.56	4.56	4.56	4.56	4.56	4.49	4.63
Aroclor-1232-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1232-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.97	5.11
Aroclor-1232-5	(5)	5.14	5.14	5.14	5.14	5.14	5.14	5.07	5.21
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1242-1	(1)	4.85	4.85	4.85	4.85	4.85	4.85	4.78	4.92
Aroclor-1242-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1242-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.86	5.00
Aroclor-1242-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.97	5.11
Aroclor-1242-5	(5)	5.82	5.82	5.82	5.82	5.82	5.82	5.75	5.89
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1248-1	(1)	4.85	4.85	4.85	4.85	4.85	4.85	4.78	4.92
Aroclor-1248-2	(2)	5.14	5.14	5.14	5.14	5.14	5.14	5.07	5.21
Aroclor-1248-3	(3)	5.35	5.35	5.35	5.35	5.35	5.35	5.28	5.42
Aroclor-1248-4	(4)	5.79	5.78	5.78	5.78	5.78	5.78	5.71	5.85
Aroclor-1248-5	(5)	5.82	5.82	5.82	5.82	5.82	5.82	5.75	5.89
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68

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

RETENTION TIMES OF INITIAL CALIBRATION

Aroclor-1254-1	(1)	5.75	5.76	5.75	5.75	5.76	5.76	5.69	5.83
Aroclor-1254-2	(2)	5.99	5.99	5.99	5.99	5.99	5.99	5.92	6.06
Aroclor-1254-3	(3)	6.38	6.39	6.38	6.38	6.38	6.38	6.31	6.45
Aroclor-1254-4	(4)	6.69	6.70	6.70	6.69	6.70	6.70	6.63	6.77
Aroclor-1254-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.08	7.22
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1262-1	(1)	7.24	7.24	7.24	7.24	7.24	7.24	7.17	7.31
Aroclor-1262-2	(2)	7.82	7.82	7.82	7.82	7.82	7.82	7.75	7.89
Aroclor-1262-3	(3)	8.13	8.12	8.12	8.12	8.13	8.12	8.05	8.19
Aroclor-1262-4	(4)	8.21	8.21	8.21	8.21	8.21	8.21	8.14	8.28
Aroclor-1262-5	(5)	8.83	8.83	8.83	8.83	8.83	8.83	8.76	8.90
DCB		9.52	9.52	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68
Aroclor-1268-1	(1)	8.12	8.12	8.12	8.12	8.12	8.12	8.05	8.19
Aroclor-1268-2	(2)	8.21	8.21	8.21	8.21	8.21	8.21	8.14	8.28
Aroclor-1268-3	(3)	8.43	8.43	8.43	8.43	8.43	8.43	8.36	8.50
Aroclor-1268-4	(4)	8.83	8.83	8.83	8.83	8.83	8.83	8.76	8.90
Aroclor-1268-5	(5)	9.21	9.21	9.21	9.21	9.21	9.21	9.14	9.28
DCB		9.52	9.51	9.52	9.52	9.52	9.52	9.42	9.62
TCX		3.63	3.63	3.63	3.63	3.63	3.63	3.58	3.68

Raw Data

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Instrument ID: ECD_R **Calibration Date(s):** 01/16/2025 01/17/2025

Calibration Times: 16:46 02:19

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

LAB FILE ID: RT 100 = PR069971.D RT 200 = PR069972.D

RT 400 = PR069973.D RT 800 = PR069974.D RT 1600 = PR069975.D

COMPOUND		RT 100	RT 200	RT 400	RT 800	RT 1600	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1016-2	(2)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1016-3	(3)	4.28	4.28	4.28	4.28	4.28	4.28	4.21	4.35
Aroclor-1016-4	(4)	4.33	4.33	4.33	4.33	4.33	4.33	4.26	4.40
Aroclor-1016-5	(5)	4.55	4.54	4.55	4.55	4.55	4.55	4.48	4.62
Aroclor-1260-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.57	5.71
Aroclor-1260-2	(2)	5.85	5.85	5.85	5.85	5.85	5.85	5.78	5.92
Aroclor-1260-3	(3)	6.01	6.01	6.01	6.01	6.01	6.01	5.94	6.08
Aroclor-1260-4	(4)	6.51	6.51	6.51	6.51	6.51	6.51	6.44	6.58
Aroclor-1260-5	(5)	6.78	6.78	6.78	6.78	6.78	6.78	6.71	6.85
DCB		8.24	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1221-1	(1)	3.18	3.18	3.18	3.18	3.18	3.18	3.11	3.25
Aroclor-1221-2	(2)	3.27	3.27	3.27	3.27	3.27	3.27	3.20	3.34
Aroclor-1221-3	(3)	3.35	3.35	3.35	3.35	3.35	3.35	3.28	3.42
DCB		8.23	8.24	8.24	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1232-1	(1)	3.35	3.35	3.35	3.35	3.35	3.35	3.28	3.42
Aroclor-1232-2	(2)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1232-3	(3)	4.28	4.28	4.28	4.28	4.28	4.28	4.21	4.35
Aroclor-1232-4	(4)	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1232-5	(5)	4.55	4.55	4.55	4.55	4.55	4.55	4.48	4.62
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1242-1	(1)	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1242-2	(2)	4.10	4.10	4.10	4.10	4.10	4.10	4.03	4.17
Aroclor-1242-3	(3)	4.28	4.28	4.28	4.28	4.28	4.28	4.21	4.35
Aroclor-1242-4	(4)	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1242-5	(5)	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1248-1	(1)	4.08	4.08	4.08	4.08	4.08	4.08	4.01	4.15
Aroclor-1248-2	(2)	4.33	4.33	4.33	4.33	4.33	4.33	4.26	4.40
Aroclor-1248-3	(3)	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1248-4	(4)	4.55	4.55	4.55	4.55	4.55	4.55	4.48	4.62
Aroclor-1248-5	(5)	4.96	4.96	4.96	4.96	4.96	4.96	4.89	5.03
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01

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RETENTION TIMES OF INITIAL CALIBRATION

Aroclor-1254-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
Aroclor-1254-2	(2)	5.08	5.08	5.08	5.08	5.08	5.08	5.01	5.15
Aroclor-1254-3	(3)	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1254-4	(4)	5.75	5.75	5.75	5.75	5.75	5.75	5.68	5.82
Aroclor-1254-5	(5)	6.19	6.19	6.19	6.19	6.20	6.19	6.12	6.26
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1262-1	(1)	6.24	6.24	6.24	6.24	6.24	6.24	6.17	6.31
Aroclor-1262-2	(2)	6.78	6.78	6.78	6.78	6.78	6.78	6.71	6.85
Aroclor-1262-3	(3)	7.09	7.08	7.08	7.08	7.09	7.08	7.01	7.15
Aroclor-1262-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.08	7.22
Aroclor-1262-5	(5)	7.69	7.69	7.69	7.69	7.69	7.69	7.62	7.76
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01
Aroclor-1268-1	(1)	7.08	7.08	7.08	7.08	7.08	7.08	7.01	7.15
Aroclor-1268-2	(2)	7.15	7.15	7.15	7.16	7.15	7.15	7.08	7.22
Aroclor-1268-3	(3)	7.38	7.37	7.37	7.38	7.37	7.37	7.30	7.44
Aroclor-1268-4	(4)	7.69	7.69	7.69	7.69	7.69	7.69	7.62	7.76
Aroclor-1268-5	(5)	7.99	7.99	7.99	7.99	7.99	7.99	7.92	8.06
DCB		8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
TCX		2.96	2.96	2.96	2.96	2.96	2.96	2.91	3.01

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Instrument ID: ECD_R **Calibration Date(s):** 01/16/2025 01/17/2025

Calibration Times: 16:46 02:19

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

LAB FILE ID: **CF 100 =** PR069971.D **CF 200 =** PR069972.D

CF 400 = PR069973.D **CF 800 =** PR069974.D **CF 1600 =** PR069975.D

COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	32227450	29491690	27277205	27021036	24721681	28147812	10
Aroclor-1016-2	(2)	48986640	46587175	44858623	41629656	40381322	44488683	8
Aroclor-1016-3	(3)	31950380	30176350	27631245	26059819	24282314	28020022	11
Aroclor-1016-4	(4)	24068300	22740720	21041770	19948413	18703018	21300444	10
Aroclor-1016-5	(5)	27015920	25818500	23679295	22278136	20419016	23842173	11
Aroclor-1260-1	(1)	47323730	44046315	40861895	38884729	36126269	41448588	11
Aroclor-1260-2	(2)	48719960	45828110	43236910	40558129	37967753	43262172	10
Aroclor-1260-3	(3)	40178180	39161805	35903118	33794844	31614224	36130434	10
Aroclor-1260-4	(4)	43528470	41858730	39270978	36628106	34223945	39102046	10
Aroclor-1260-5	(5)	67083060	64853870	62590648	60214229	58389546	62626270	6
DCB		588301400	535468200	520903825	489439750	453175556	517457746	10
TCX		1193105600	1148964600	1114138650	1081827075	1043247138	1116256613	5
Aroclor-1221-1	(1)	13596020	12847230	12432795	11348610	10434216	12131774	10
Aroclor-1221-2	(2)	9291480	9038930	8487120	7771413	7028023	8323393	11
Aroclor-1221-3	(3)	32304120	30004120	27781045	25714068	23295901	27819851	13
DCB		525996100	529025200	504458675	477626263	444970100	496415268	7
TCX		1242392200	1186323500	1164248450	1111972350	1058588288	1152704958	6
Aroclor-1232-1	(1)	26004820	24448290	22270450	20748923	18224103	22339317	14
Aroclor-1232-2	(2)	13864320	12992550	12332943	11310443	9734320	12046915	13
Aroclor-1232-3	(3)	22970790	21930880	20182540	19013014	17576127	20334670	11
Aroclor-1232-4	(4)	10470210	10291030	9688708	9006684	8168213	9524969	10
Aroclor-1232-5	(5)	7604270	8286125	7712200	7011976	6092860	7341486	11
DCB		560233400	549134350	516683775	483868575	457279444	513439909	8
TCX		1200381200	1191128300	1142443050	1106089450	1049841613	1137976723	5
Aroclor-1242-1	(1)	26614650	25354350	23797010	22336606	21044571	23829438	9
Aroclor-1242-2	(2)	41821710	39123465	36253570	35316444	32590193	37021076	10
Aroclor-1242-3	(3)	26943670	25329585	22997095	21969060	19985537	23444989	12
Aroclor-1242-4	(4)	19605090	19101940	17533258	16884268	15504494	17725810	9
Aroclor-1242-5	(5)	19818720	18298155	17746193	15725778	16421289	17602027	9
DCB		547549000	536657350	517944075	489735125	447356738	507848458	8
TCX		1208513600	1158594100	1107101050	1074234725	1033434775	1116375650	6
Aroclor-1248-1	(1)	21060770	19936800	17693093	17018060	15306498	18203044	13
Aroclor-1248-2	(2)	32506620	31117075	27681823	25559074	22956423	27964203	14
Aroclor-1248-3	(3)	37001680	35173350	31920065	30015554	27324700	32287070	12

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	33466000	32027690	28957915	28537781	26493454	29896568	9
Aroclor-1248-5	(5)	34243390	32021840	30525150	29855709	27599997	30849217	8
DCB		541299300	545931450	519720900	488203463	443255250	507682073	8
TCX		1165972200	1152967900	1089946450	1055648000	996502038	1092207318	6
Aroclor-1254-1	(1)	41513290	38824370	36077995	33367610	31262064	36209066	11
Aroclor-1254-2	(2)	61248550	57238475	53620418	49624096	47047815	53755871	11
Aroclor-1254-3	(3)	58503950	54772770	52013800	48996879	47718739	52401228	8
Aroclor-1254-4	(4)	32754100	32678815	30754655	29131021	28868642	30837447	6
Aroclor-1254-5	(5)	38254850	38383720	36793595	34682278	34835396	36589968	5
DCB		549700300	531401950	510917050	479004713	451473025	504499408	8
TCX		1144727600	1124693600	1078402600	1044832875	1013926838	1081316703	5
Aroclor-1262-1	(1)	56464370	50085610	53077200	47530908	44433229	50318263	9
Aroclor-1262-2	(2)	76335030	73827930	70739155	67563655	65413075	70775769	6
Aroclor-1262-3	(3)	54495900	51132035	50423123	47519570	44691619	49652449	8
Aroclor-1262-4	(4)	40696660	39959145	40826695	38897123	36475938	39371112	5
Aroclor-1262-5	(5)	23477840	22642870	23262690	21769139	21080834	22446675	5
DCB		533264100	539920400	520610850	481965788	446461544	504444536	8
TCX		1180608600	1131955000	1077519800	1055711975	1023834238	1093925923	6
Aroclor-1268-1	(1)	95987280	96957960	91688653	89227173	84255756	91623364	6
Aroclor-1268-2	(2)	82118990	86908870	82806460	80095786	76211872	81628396	5
Aroclor-1268-3	(3)	78234360	75493605	72305125	69981108	66157081	72434256	6
Aroclor-1268-4	(4)	25772230	25388805	23945680	25111781	23286849	24701069	4
Aroclor-1268-5	(5)	207731490	210321155	200748658	199536091	193193289	202306137	3
DCB		1017455000	994145350	948347650	904580975	843940800	941693955	7
TCX		1136785600	1089120700	1067736000	1048260450	1006068900	1069594330	5

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Instrument ID: ECD_R **Calibration Date(s):** 01/16/2025 01/17/2025

Calibration Times: 16:46 02:19

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

LAB FILE ID: **CF 100 =** PR069971.D **CF 200 =** PR069972.D

CF 400 = PR069973.D **CF 800 =** PR069974.D **CF 1600 =** PR069975.D

COMPOUND		CF 100	CF 200	CF 400	CF 800	CF 1600	CF	% RSD
Aroclor-1016-1	(1)	204666210	190857935	178420663	169239963	157991078	180235170	10
Aroclor-1016-2	(2)	293222530	277952690	264023975	250544271	236642791	264477252	8
Aroclor-1016-3	(3)	158084880	148559280	140292173	132487855	122688882	140422614	10
Aroclor-1016-4	(4)	145320760	135124090	123429515	114408689	103821088	124420828	13
Aroclor-1016-5	(5)	171660060	161924100	149850915	139992778	128371312	150359833	11
Aroclor-1260-1	(1)	281155990	263701450	247139120	235103445	219113424	249242686	10
Aroclor-1260-2	(2)	301254370	285522045	270944243	258590071	246775153	272617176	8
Aroclor-1260-3	(3)	303578250	279383945	270706458	260339491	247401304	272281890	8
Aroclor-1260-4	(4)	248810820	238664385	227657883	219595453	210099088	228965526	7
Aroclor-1260-5	(5)	511066610	496387190	487538538	479448723	468395909	488567394	3
DCB		3760487800	3669750900	3527862775	3380692475	3234301519	3514619094	6
TCX		6854331400	6495107500	6351562550	6186593950	5898639038	6357246888	6
Aroclor-1221-1	(1)	83546650	79934715	75270645	69186794	62079028	74003566	12
Aroclor-1221-2	(2)	58272070	56320980	52749150	48114219	43308655	51753015	12
Aroclor-1221-3	(3)	191621920	182014170	166988908	151415211	136719506	165751943	13
DCB		3736925600	3629741250	3495346100	3321957550	3179023488	3472598798	7
TCX		6795138200	6462123600	6291986900	5999146525	5758960825	6261471210	6
Aroclor-1232-1	(1)	151784800	146930275	134534708	122901044	107915891	132813344	13
Aroclor-1232-2	(2)	135625240	130393200	122270608	120861490	102979591	122426026	10
Aroclor-1232-3	(3)	68916290	68543880	64603825	59986210	53389946	63088030	10
Aroclor-1232-4	(4)	66345990	63832235	59866630	55064343	47865693	58594978	13
Aroclor-1232-5	(5)	68634020	65767515	62763293	58364724	51009104	61307731	11
DCB		3864246900	3688447300	3524588325	3372983775	3245205781	3539094416	7
TCX		6660947200	6632780200	6407500550	6117685150	5701324963	6304047613	6
Aroclor-1242-1	(1)	174856750	163274475	149219908	140791075	129662664	151560974	12
Aroclor-1242-2	(2)	247302150	235113945	219359960	206286355	193535075	220319497	10
Aroclor-1242-3	(3)	130444380	125520115	116345918	109126309	100735753	116434495	10
Aroclor-1242-4	(4)	137851010	128628390	117527763	107542515	97652584	117840452	14
Aroclor-1242-5	(5)	144334590	134712880	124935730	117248836	108742288	125994865	11
DCB		3889591000	3695576950	3526151500	3393194175	3196991319	3540300989	8
TCX		6895501600	6670942900	6318897300	6037598375	5795743875	6343736810	7
Aroclor-1248-1	(1)	127849660	124745165	113143138	107806833	97360245	114181008	11
Aroclor-1248-2	(2)	197445370	191054250	166919790	155806196	139493665	170143854	14
Aroclor-1248-3	(3)	199230590	191138110	164855975	157157700	140928306	170662136	14

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1248-4	(4)	229045040	220260150	190695090	184315016	167144276	198291915	13
Aroclor-1248-5	(5)	185350490	179457680	172495253	157265844	144424904	167798834	10
DCB		3811831000	3713883100	3608410425	3386808563	3171822394	3538551096	7
TCX		6863306400	7055200400	6510116650	6320627000	5797561988	6509362488	8
Aroclor-1254-1	(1)	316323240	300486355	276726725	258192309	240986147	278542955	11
Aroclor-1254-2	(2)	275475240	260809355	239484625	222588141	206984039	241068280	12
Aroclor-1254-3	(3)	397977960	381683835	357032263	338129583	320496678	359064064	9
Aroclor-1254-4	(4)	208252330	202402595	189949670	178889459	171837860	190266383	8
Aroclor-1254-5	(5)	333212020	319778745	301312855	290921580	280389489	305122938	7
DCB		3806657700	3685259750	3498854975	3337534675	3227801863	3511221793	7
TCX		7017039200	6863690900	6455486200	6247853925	5907761563	6498366358	7
Aroclor-1262-1	(1)	372567390	354739040	334797020	317693411	302759332	336511239	8
Aroclor-1262-2	(2)	570030650	558416245	542380623	527950863	513240164	542403709	4
Aroclor-1262-3	(3)	246210210	239400070	227224883	217370554	209175609	227876265	7
Aroclor-1262-4	(4)	438431100	428063905	414730380	401177243	389332306	414346987	5
Aroclor-1262-5	(5)	189096920	187233450	181544925	174286426	168317618	180095868	5
DCB		3832395000	3728052950	3570001475	3384771388	3231481019	3549340366	7
TCX		7080006400	6874400900	6454208200	6291666275	6019691413	6543994638	7
Aroclor-1268-1	(1)	688025750	676360725	653336290	652109686	626957104	659357911	4
Aroclor-1268-2	(2)	628735400	622239505	608458795	607021284	582113687	609713734	3
Aroclor-1268-3	(3)	549712290	541059285	528368610	526167448	504545851	529970697	3
Aroclor-1268-4	(4)	209604430	212679275	199194813	197821294	187525696	201365101	5
Aroclor-1268-5	(5)	1529457530	1586724420	1569227583	1568119211	1510935949	1552892939	2
DCB		6973970300	6914080200	6643642725	6576338500	6247811175	6671168580	4
TCX		6952004400	6528801000	6398742000	6269930725	5868529400	6403601505	6

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Instrument ID: _____ **Date(s) Analyzed:** _____ _____

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

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 16:46
Operator : AJ\MA
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16601224

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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...	3.629	2.961	5965528	34271657	5.354	5.396
2)	SA Decachlor...	9.517	8.235	5883014	37604878	11.294	10.659
	Target Compounds						
3)	L1 AR-1016-1	4.849	4.079	3222745	20466621	118.148	114.710
4)	L1 AR-1016-2	4.871	4.097	4898664	29322253	109.202	111.059
5)	L1 AR-1016-3	4.934	4.276	3195038	15808488	115.631	112.683
6)	L1 AR-1016-4	5.036	4.328	2406830	14532076	114.383	117.736
7)	L1 AR-1016-5	5.351	4.546	2701592	17166006	114.091	114.554
31)	L7 AR-1260-1	6.564	5.642	4732373	28115599	115.814	113.764
32)	L7 AR-1260-2	6.846	5.849	4871996	30125437	112.681	111.187
33)	L7 AR-1260-3	7.237	6.007	4017818	30357825	111.907	112.143
34)	L7 AR-1260-4	7.480	6.514	4352847	24881082	110.841	109.292
35)	L7 AR-1260-5	7.819	6.781	6708306	51106661	107.177	104.826

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

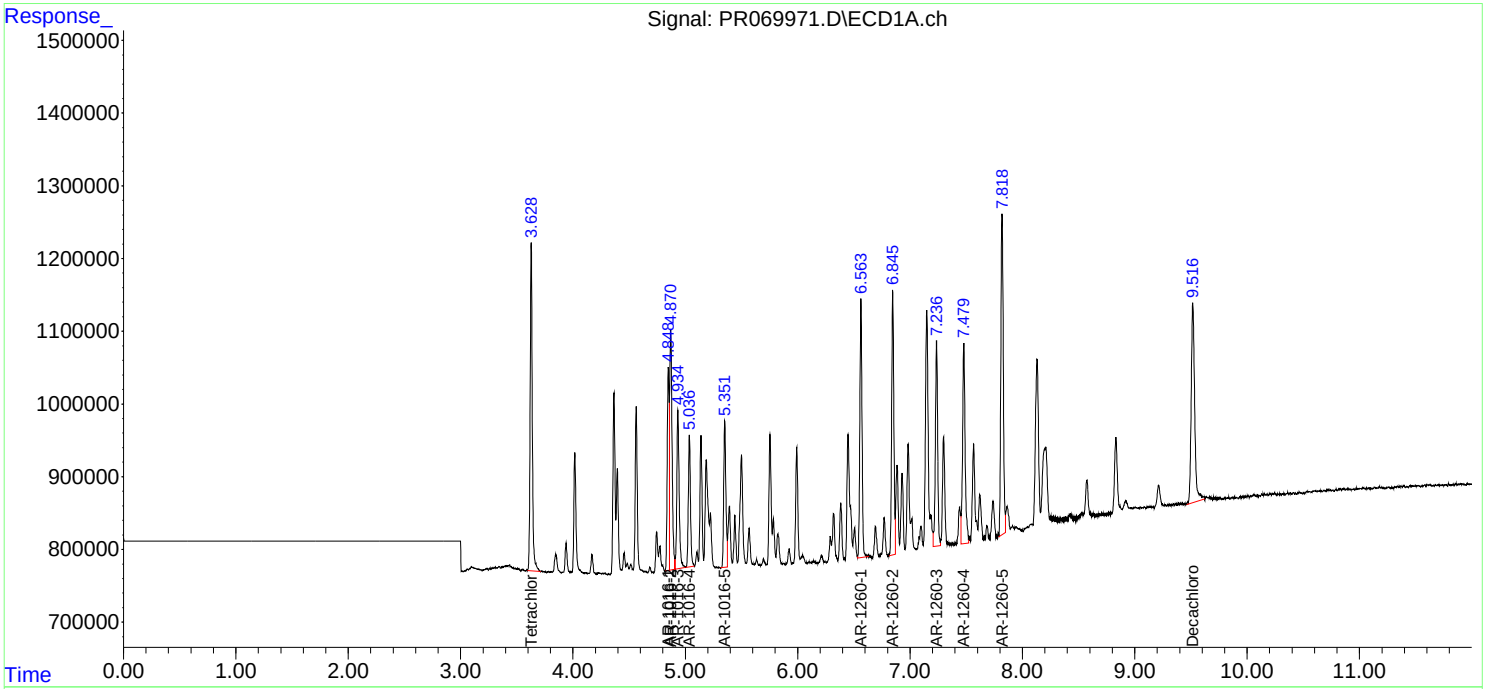
ICAL Form

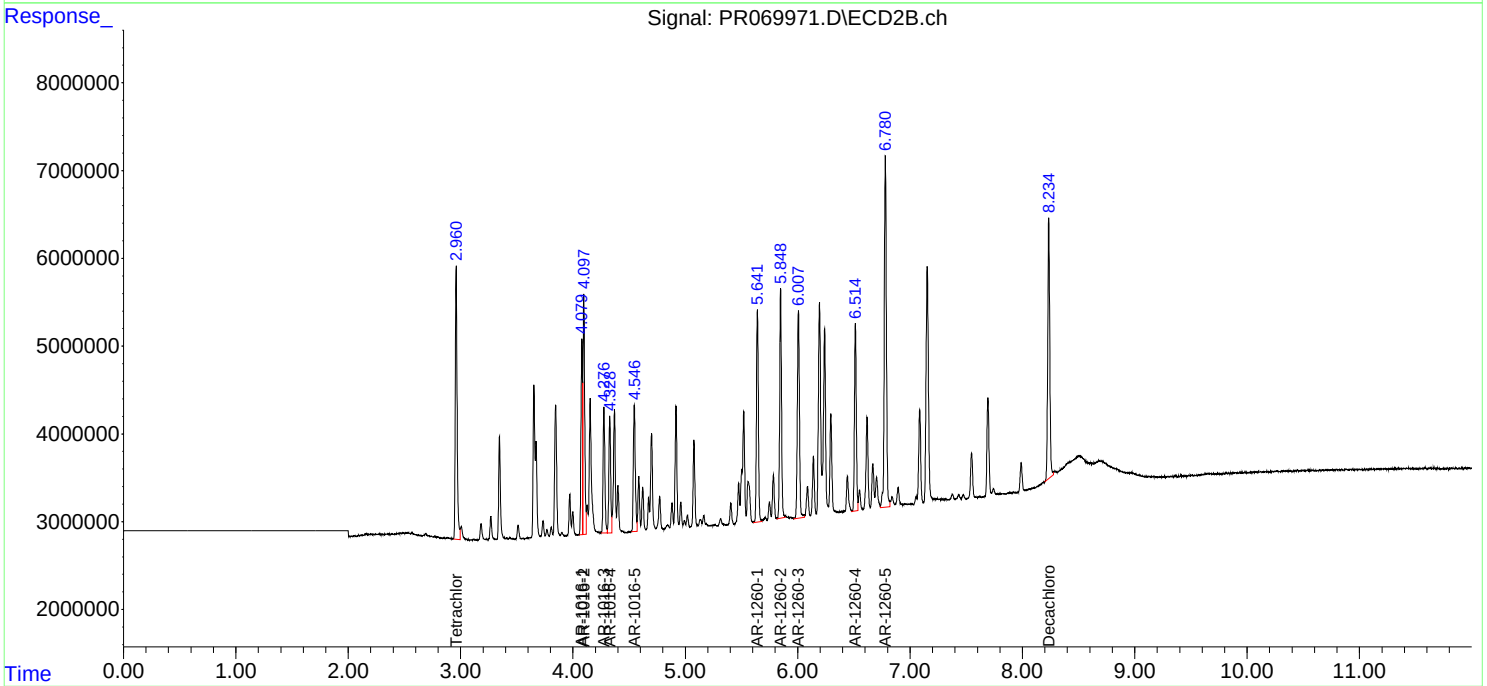
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 16:46
Operator : AJ\MA
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16601224

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:01
Operator : AJ\MA
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16602225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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...	3.628	2.960	11489646	64951075	10.313	10.226
2)	SA Decachlor...	9.518	8.232	10709364	73395018	20.559	20.804
	Target Compounds						
3)	L1 AR-1016-1	4.848	4.078	5898338	38171587	216.237	213.942
4)	L1 AR-1016-2	4.869	4.096	9317435	55590538	207.707	210.551
5)	L1 AR-1016-3	4.933	4.276	6035270	29711856	218.422	211.786
6)	L1 AR-1016-4	5.035	4.326	4548144	27024818	216.148	218.949
7)	L1 AR-1016-5	5.350	4.544	5163700	32384820	218.068	216.114
31)	L7 AR-1260-1	6.562	5.641	8809263	52740290	215.586	213.403
32)	L7 AR-1260-2	6.846	5.846	9165622	57104409	211.986	210.761
33)	L7 AR-1260-3	7.235	6.005	7832361	55876789	218.153	206.411
34)	L7 AR-1260-4	7.478	6.512	8371746	47732877	213.179	209.669
35)	L7 AR-1260-5	7.818	6.779	12970774	99277438	207.232	203.630

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

Quantitation Report (QT Reviewed)

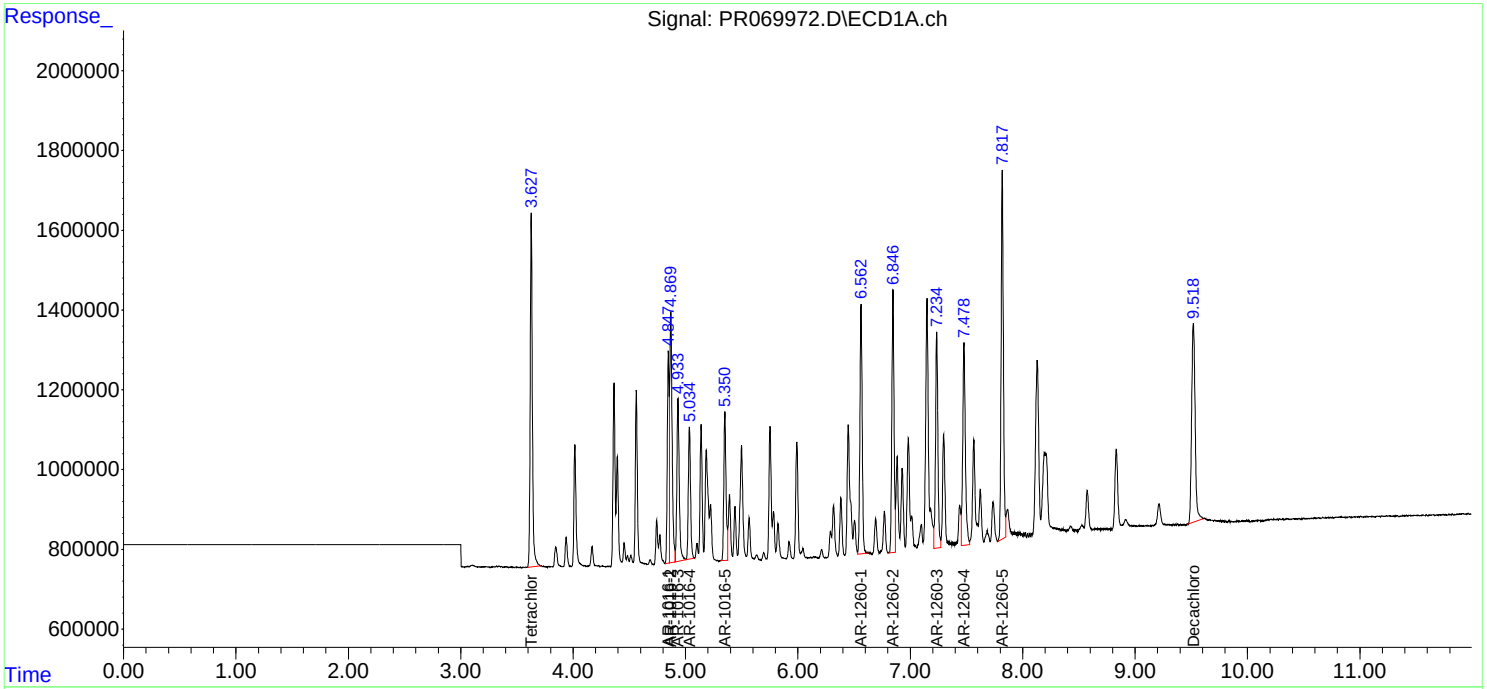
ICAL Form

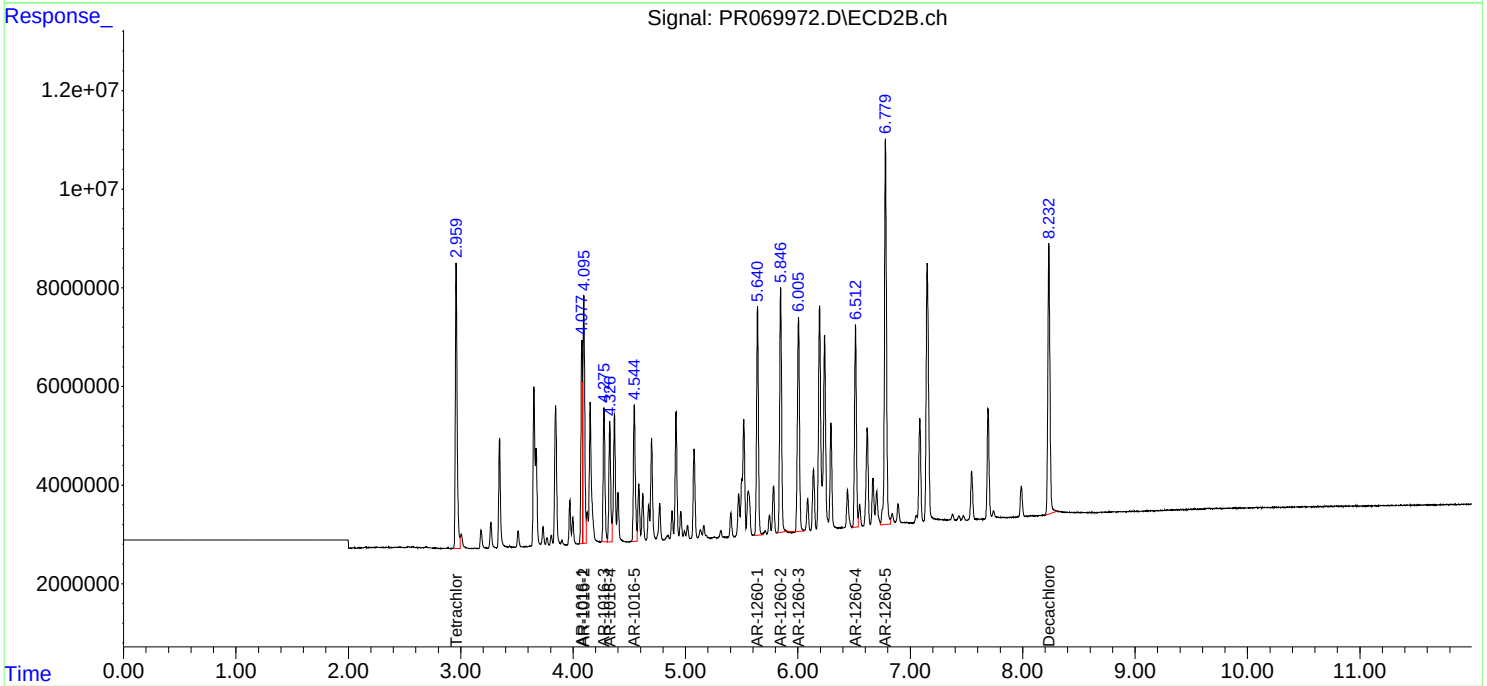
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:01
Operator : AJ\MA
Sample : AR1660ICC200
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16602225

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:16
Operator : AJ\MA
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603226

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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...	3.628	2.961	22282773	127.0E6	20.000	20.000
2)	SA Decachlor...	9.517	8.233	20836153	141.1E6	40.000	40.000
	Target Compounds						
3)	L1 AR-1016-1	4.848	4.078	10910882	71368265	400.000	400.000
4)	L1 AR-1016-2	4.870	4.096	17943449	105.6E6	400.000	400.000
5)	L1 AR-1016-3	4.934	4.276	11052498	56116869	400.000	400.000
6)	L1 AR-1016-4	5.036	4.327	8416708	49371806	400.000	400.000
7)	L1 AR-1016-5	5.350	4.545	9471718	59940366	400.000	400.000
31)	L7 AR-1260-1	6.563	5.640	16344758	98855648	400.000	400.000
32)	L7 AR-1260-2	6.845	5.847	17294764	108.4E6	400.000	400.000
33)	L7 AR-1260-3	7.235	6.005	14361247	108.3E6	400.000	400.000
34)	L7 AR-1260-4	7.479	6.513	15708391	91063153	400.000	400.000
35)	L7 AR-1260-5	7.820	6.779	25036259	195.0E6	400.000	400.000

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

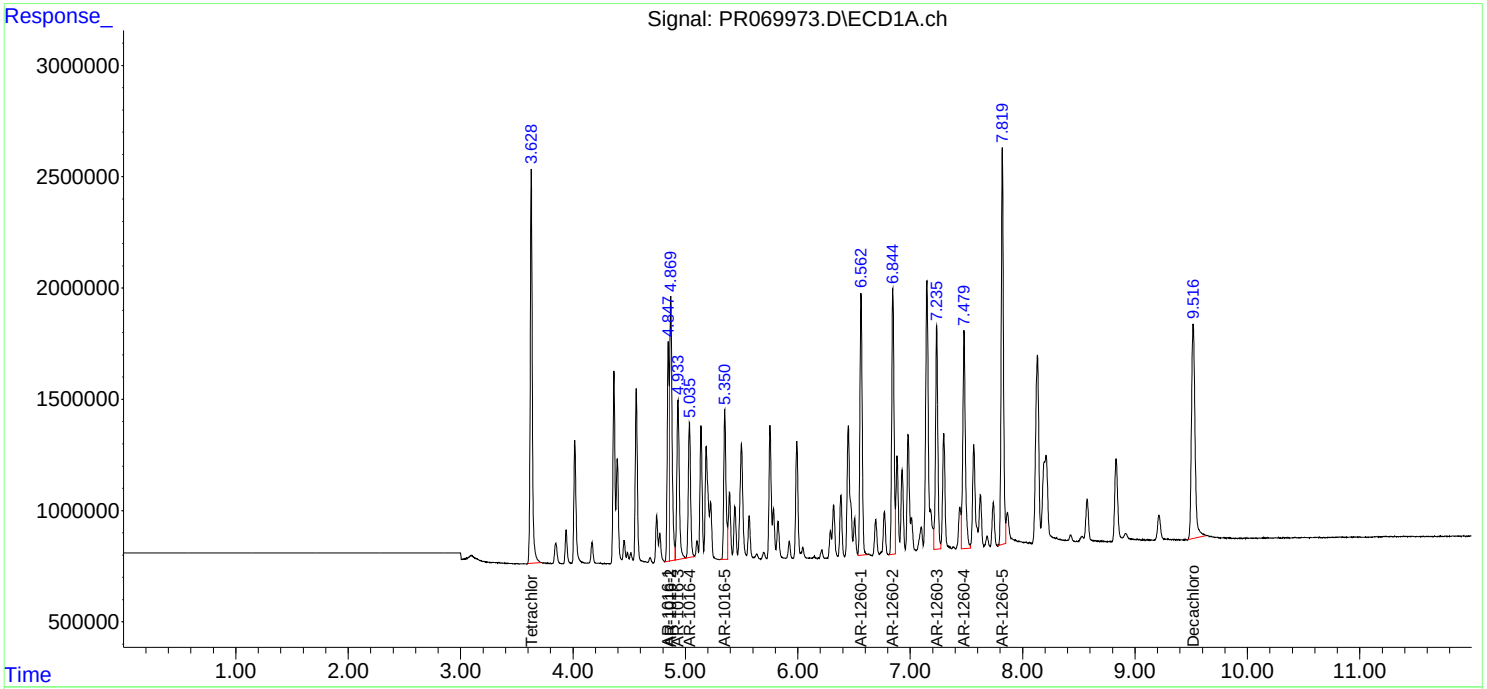
ICAL Form

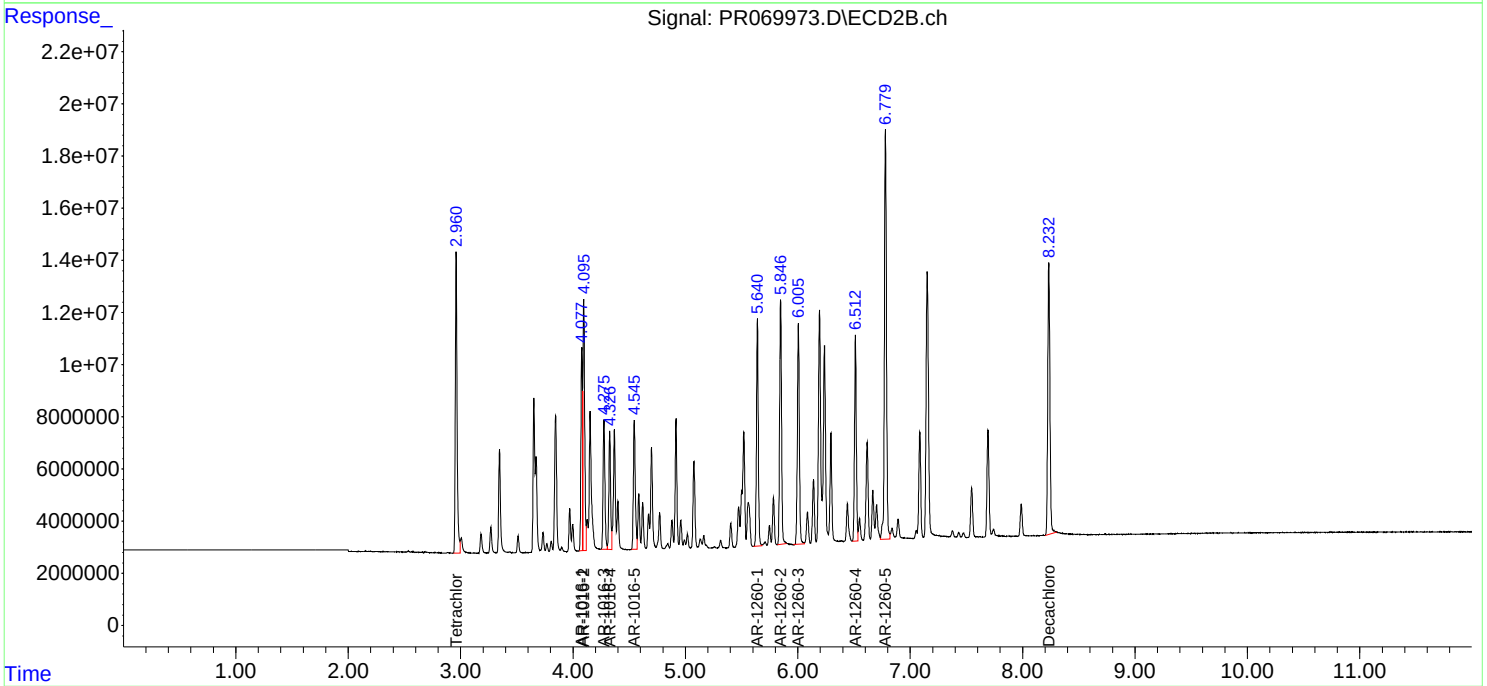
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:16
Operator : AJ\MA
Sample : AR1660ICC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603226

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:31:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:30
Operator : AJ\MA
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16604227

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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...	3.628	2.960	43273083	247.5E6	38.840	38.961
2)	SA Decachlor...	9.519	8.233	39155180	270.5E6	75.168	76.663
	Target Compounds						
3)	L1 AR-1016-1	4.849	4.078	21616829	135.4E6	792.487	758.836
4)	L1 AR-1016-2	4.870	4.096	33303725	200.4E6	742.415	759.156
5)	L1 AR-1016-3	4.934	4.276	20847855	106.0E6	754.503	755.497
6)	L1 AR-1016-4	5.036	4.327	15958730	91526951	758.431	741.532
7)	L1 AR-1016-5	5.351	4.545	17822509	112.0E6	752.662	747.371
31)	L7 AR-1260-1	6.562	5.641	31107783	188.1E6	761.291	761.040
32)	L7 AR-1260-2	6.846	5.847	32446503	206.9E6	750.435	763.523
33)	L7 AR-1260-3	7.236	6.005	27035875	208.3E6	753.023	769.363
34)	L7 AR-1260-4	7.480	6.513	29302485	175.7E6	746.161	771.668
35)	L7 AR-1260-5	7.821	6.780	48171383	383.6E6	769.626	786.725

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

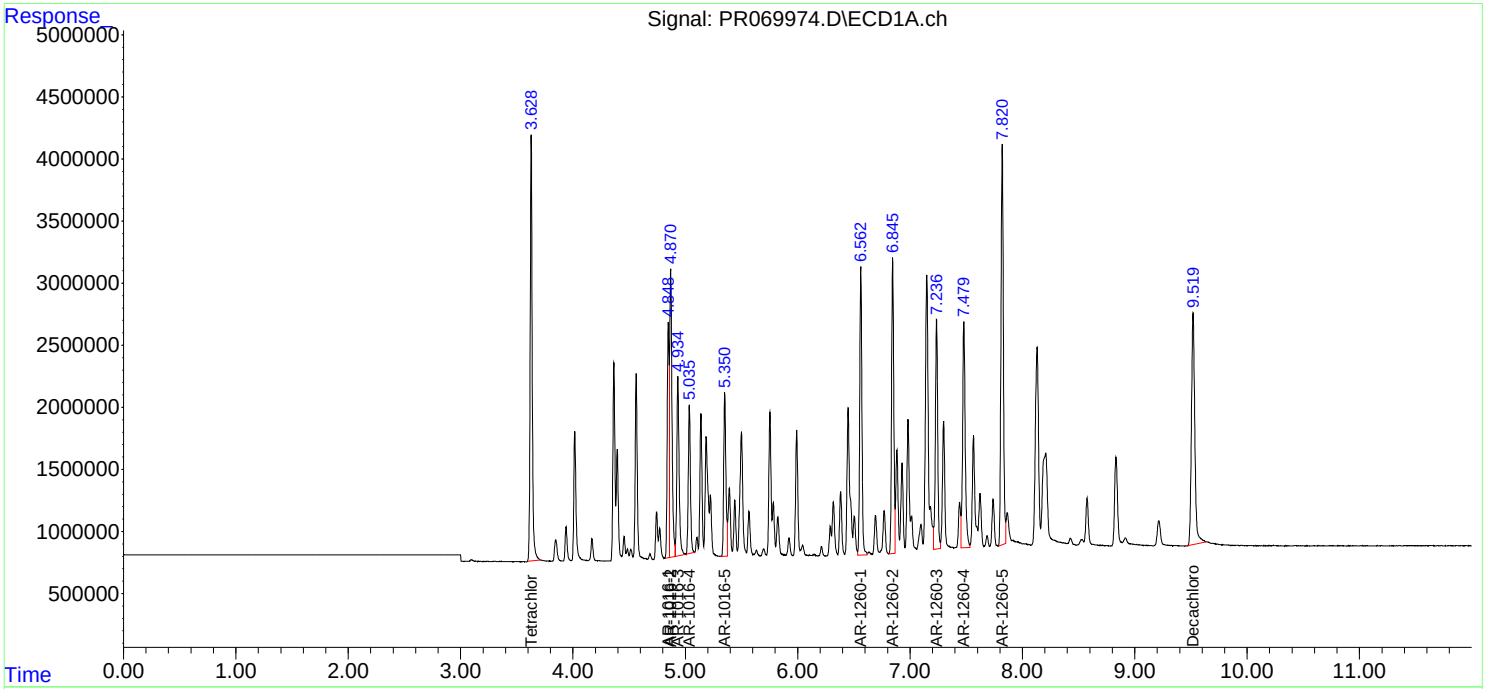
ICAL Form

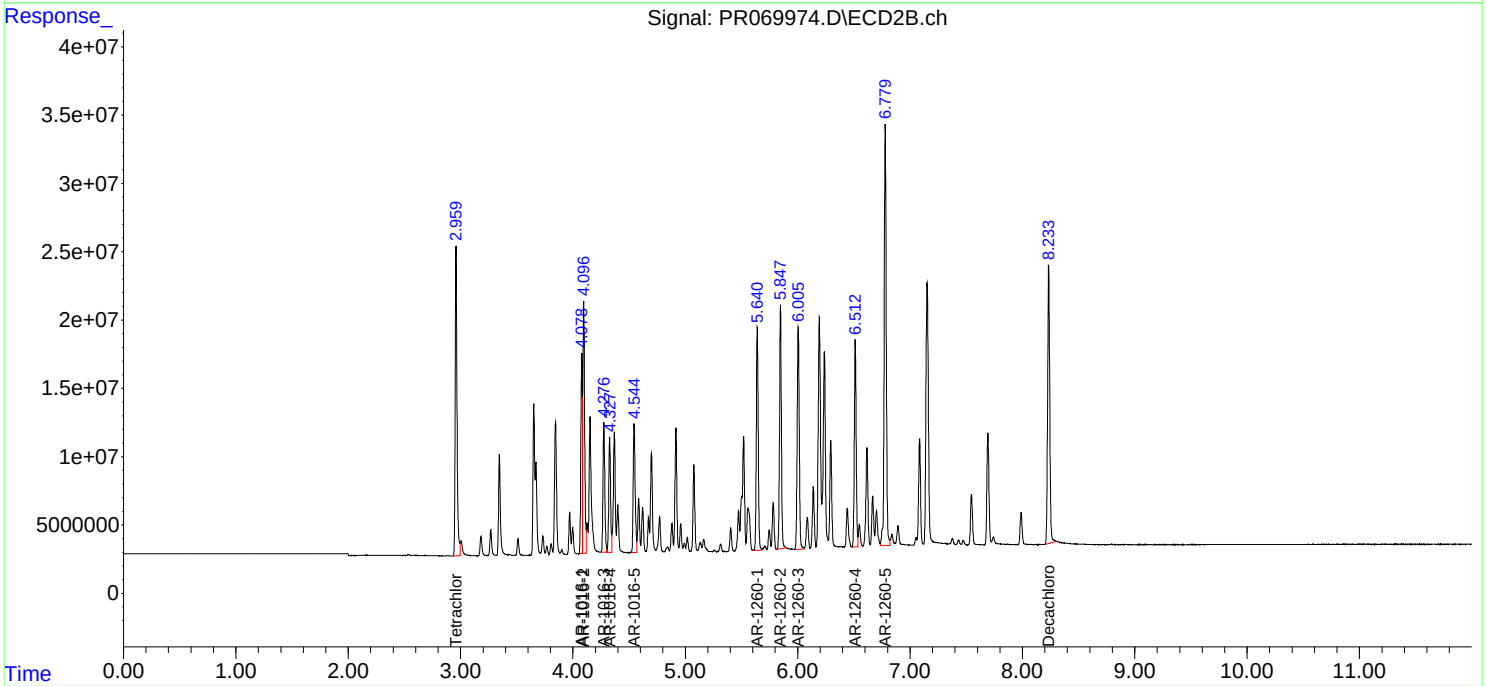
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:30
Operator : AJ\MA
Sample : AR1660ICC800
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16604227

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:32:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:45
Operator : AJ\MA
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16605228

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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...	3.628	2.961	83459771	471.9E6	74.910	74.295
2)	SA Decachlor...	9.519	8.233	72508089	517.5E6	139.197	146.686
	Target Compounds						
3)	L1 AR-1016-1	4.849	4.078	39554689	252.8E6	1450.100	1416.796
4)	L1 AR-1016-2	4.870	4.096	64610115	378.6E6	1440.305	1434.069
5)	L1 AR-1016-3	4.935	4.276	38851702	196.3E6	1406.079	1399.239
6)	L1 AR-1016-4	5.036	4.327	29924828	166.1E6	1422.163	1345.819
7)	L1 AR-1016-5	5.351	4.545	32670425	205.4E6	1379.704	1370.656
31)	L7 AR-1260-1	6.564	5.641	57802031	350.6E6	1414.570	1418.559
32)	L7 AR-1260-2	6.847	5.847	60748404	394.8E6	1405.013	1457.275
33)	L7 AR-1260-3	7.237	6.006	50582759	395.8E6	1408.868	1462.256
34)	L7 AR-1260-4	7.479	6.514	54758312	336.2E6	1394.371	1476.595
35)	L7 AR-1260-5	7.819	6.780	93423273	749.4E6	1492.608	1537.178

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

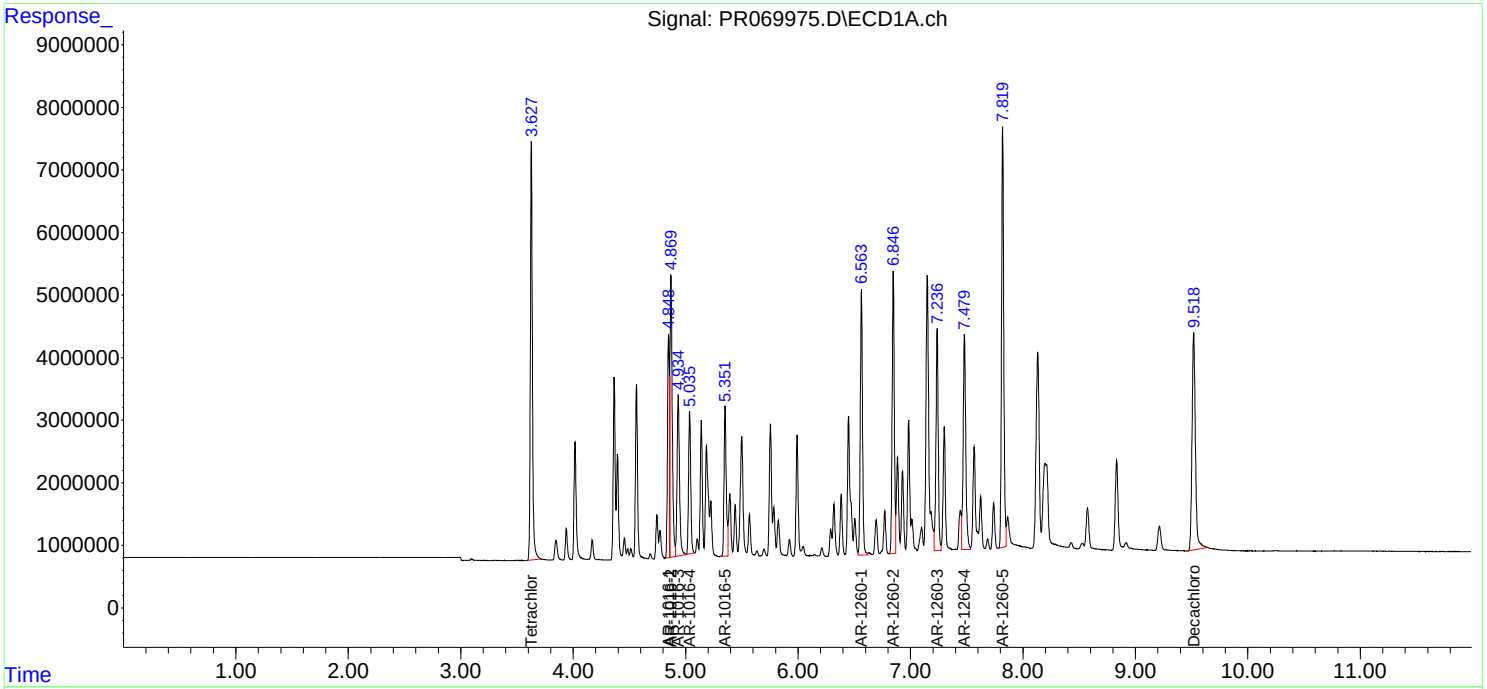
ICAL Form

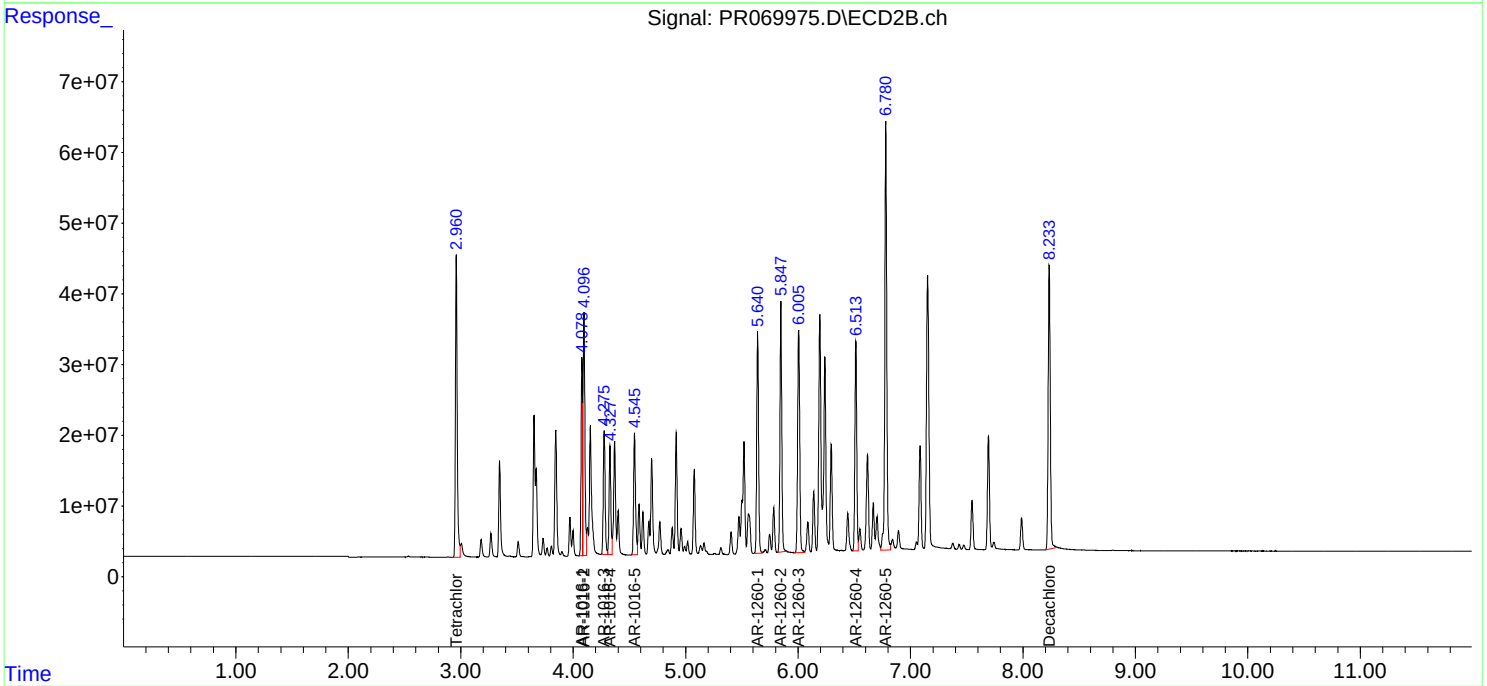
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 17:45
Operator : AJ\MA
Sample : AR1660ICC1600
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16605228

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:30:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:00
Operator : AJ\MA
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12211229

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:45:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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...	3.628	2.960	6211961	33975691	5.336	5.400
2)	SA Decachlor...	9.520	8.234	5259961	37369256	10.427	10.691
	Target Compounds						
8)	L2 AR-1221-1	3.850	3.183	1359602	8354665	109.356	110.995
9)	L2 AR-1221-2	3.939	3.270	929148	5827207	109.477	110.470
10)	L2 AR-1221-3	4.017	3.347	3230412	19162192	116.281	114.751

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

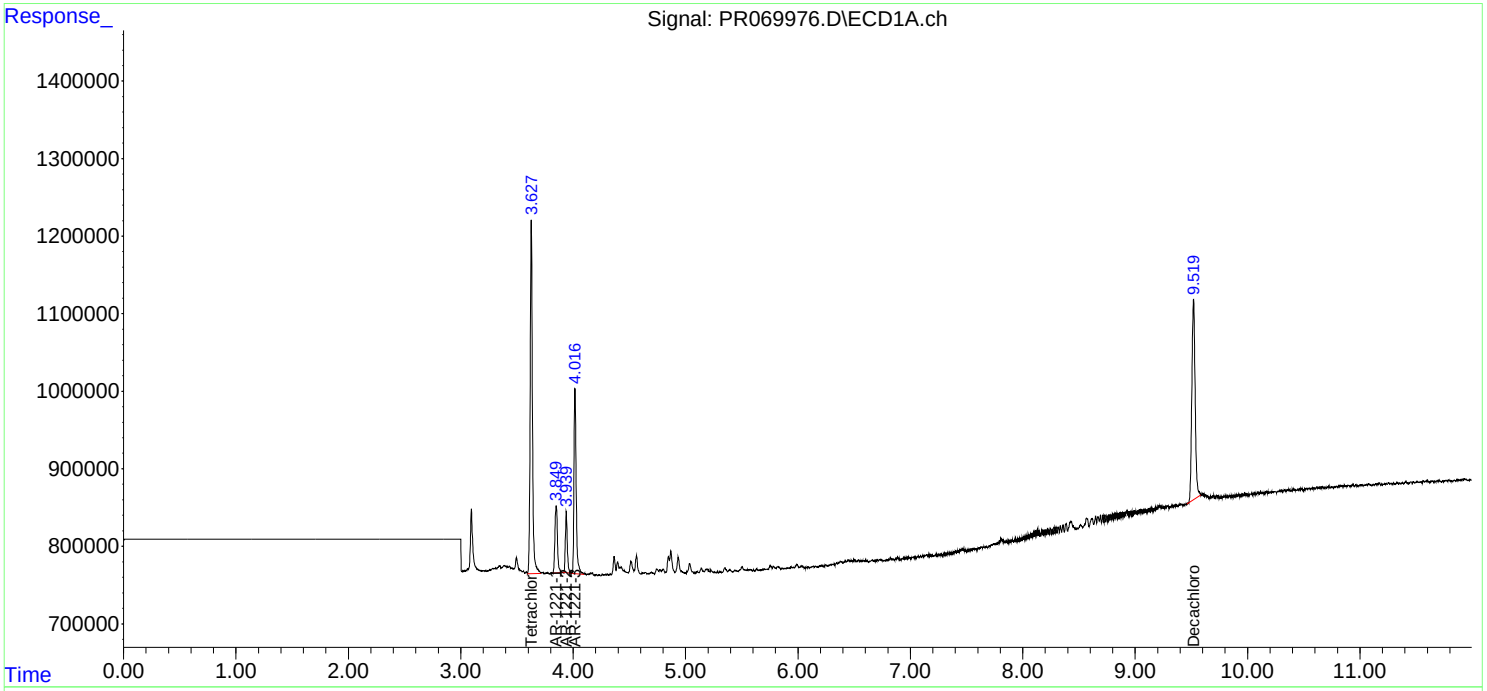
ICAL Form

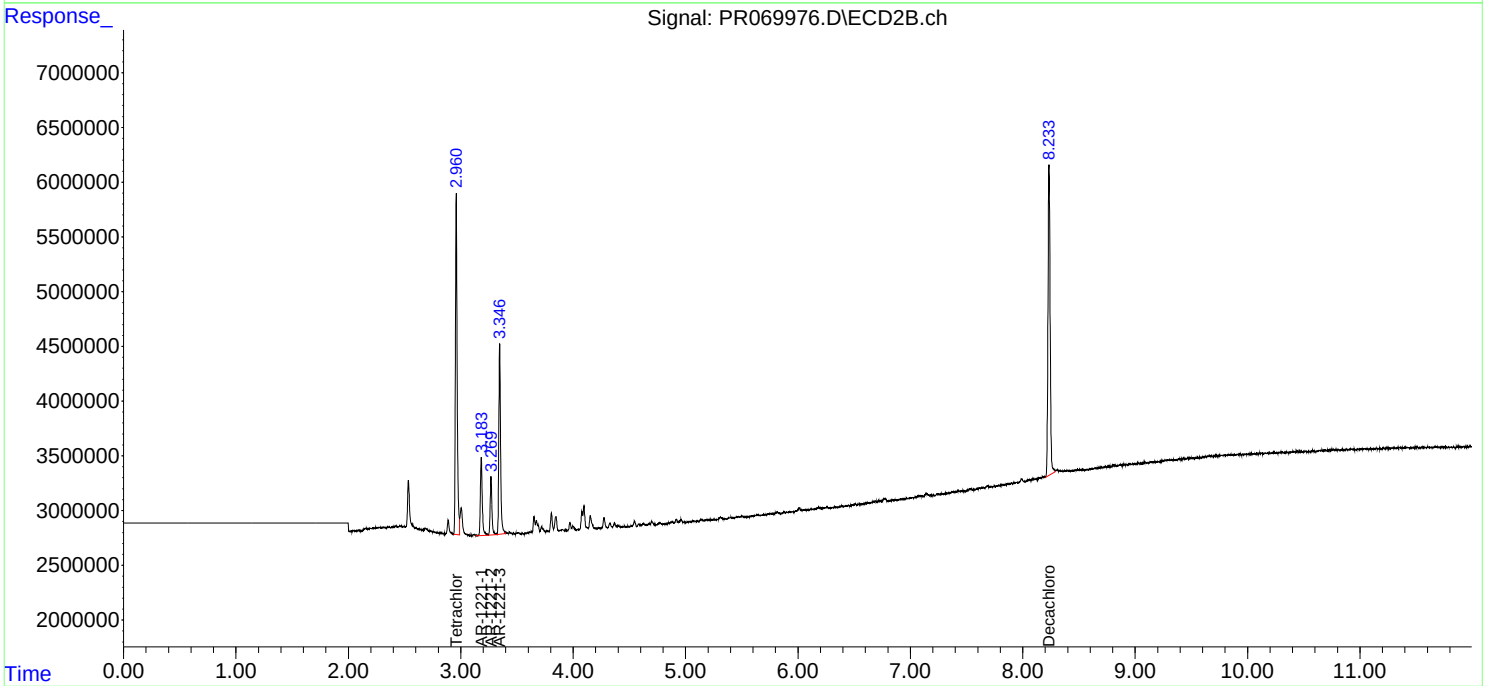
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:00
Operator : AJ\MA
Sample : AR1221ICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12211229

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:45:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:14
Operator : AJ\MA
Sample : AR1221ICC200
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12212230

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:45:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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...	3.629	2.961	11863235	64621236	10.190	10.270
2)	SA Decachlor...	9.520	8.235	10580504	72594825	20.974	20.769
	Target Compounds						
8)	L2 AR-1221-1	3.851	3.183	2569446	15986943	206.667	212.393
9)	L2 AR-1221-2	3.939	3.270	1807786	11264196	213.003	213.543
10)	L2 AR-1221-3	4.017	3.346	6000824	36402834	216.004	217.996

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

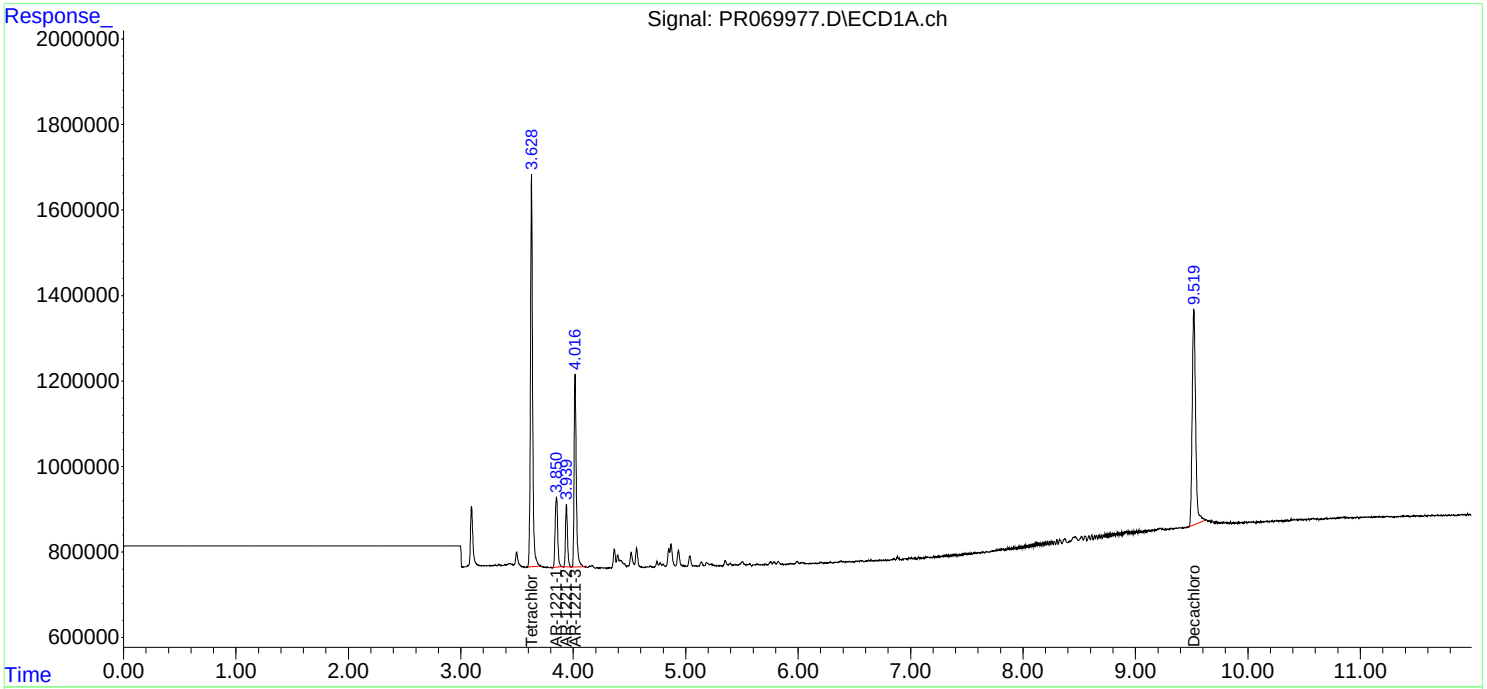
ICAL Form

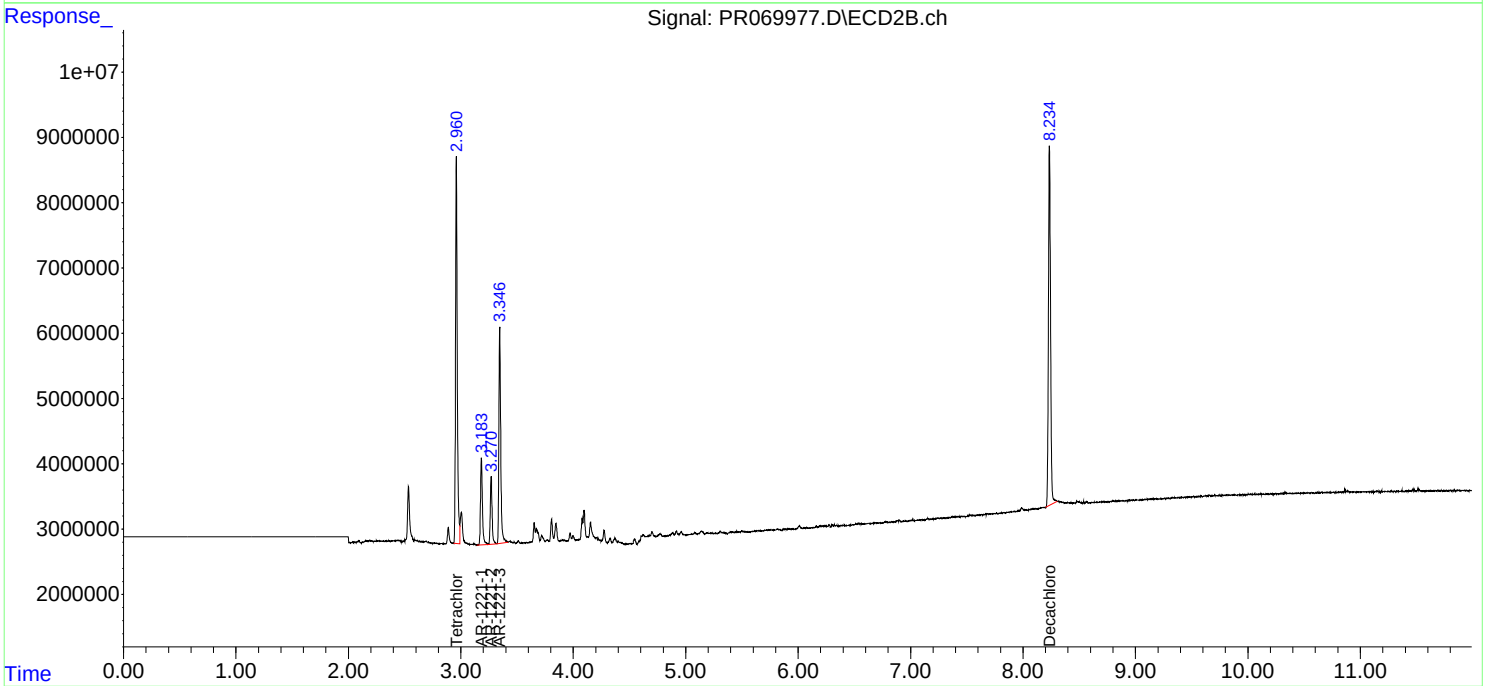
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:14
Operator : AJ\MA
Sample : AR1221ICC200
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12212230

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:45:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:29
Operator : AJ\MA
Sample : AR1221ICC400
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12213231

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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...	3.628	2.960	23284969	125.8E6	20.000	20.000
2)	SA Decachlor...	9.520	8.235	20178347	139.8E6	40.000	40.000
	Target Compounds						
8)	L2 AR-1221-1	3.850	3.183	4973118	30108258	400.000	400.000
9)	L2 AR-1221-2	3.939	3.270	3394848	21099660	400.000	400.000
10)	L2 AR-1221-3	4.017	3.346	11112418	66795563	400.000	400.000

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

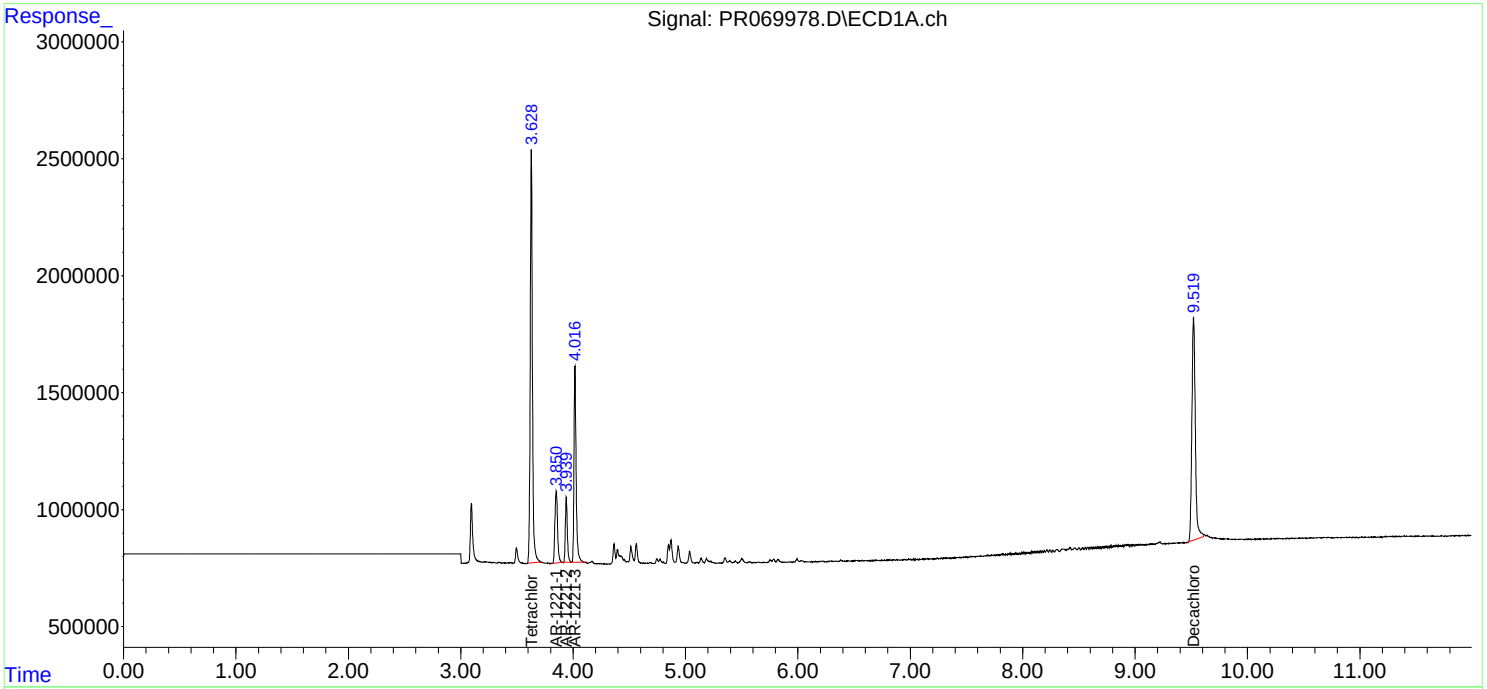
ICAL Form

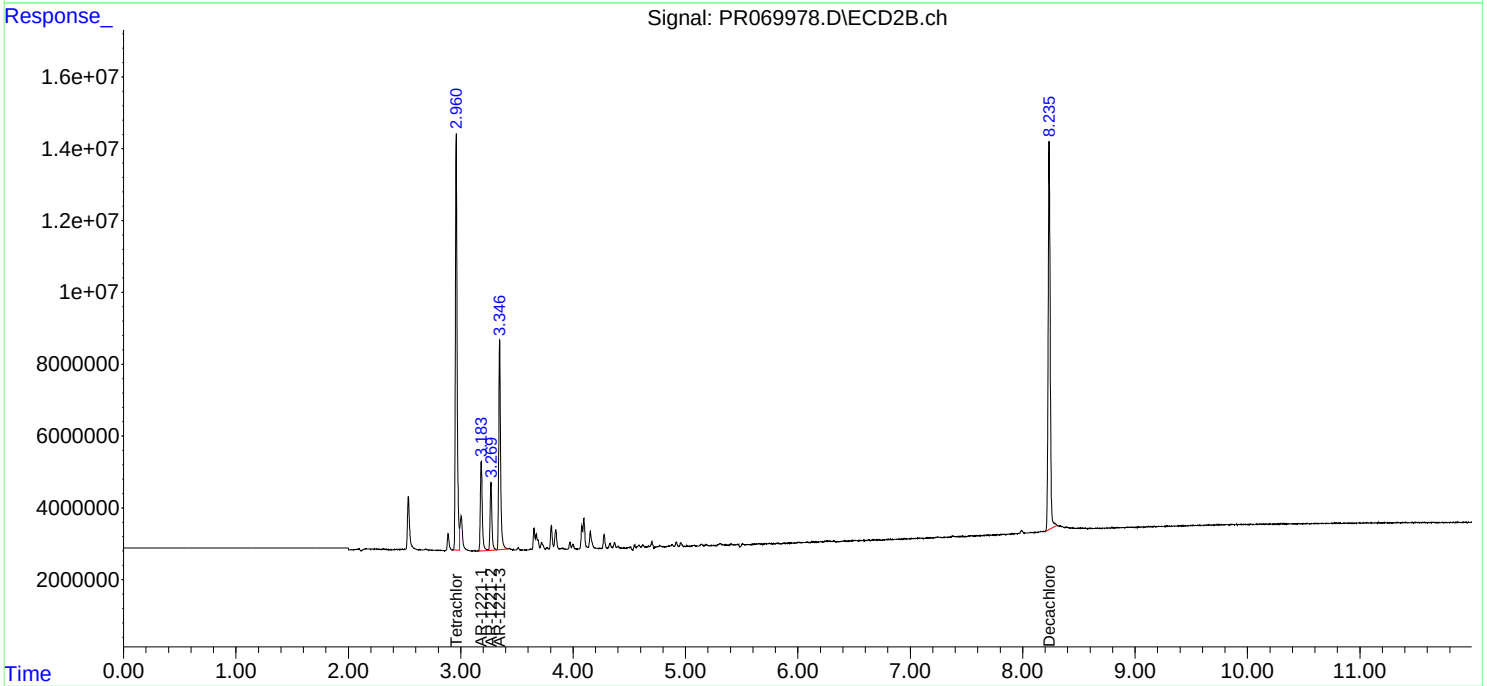
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:29
Operator : AJ\MA
Sample : AR1221ICC400
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12213231

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:44
Operator : AJ\MA
Sample : AR1221ICC800
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12214232

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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...	3.628	2.960	44478894	240.0E6	38.204	38.138
2)	SA Decachlor...	9.516	8.233	38210101	265.8E6	75.745	76.032
	Target Compounds						
8)	L2 AR-1221-1	3.850	3.183	9078888	55349435	730.237	735.339
9)	L2 AR-1221-2	3.939	3.269	6217130	38491375	732.537	729.706
10)	L2 AR-1221-3	4.016	3.346	20571254	121.1E6	740.478	725.391

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

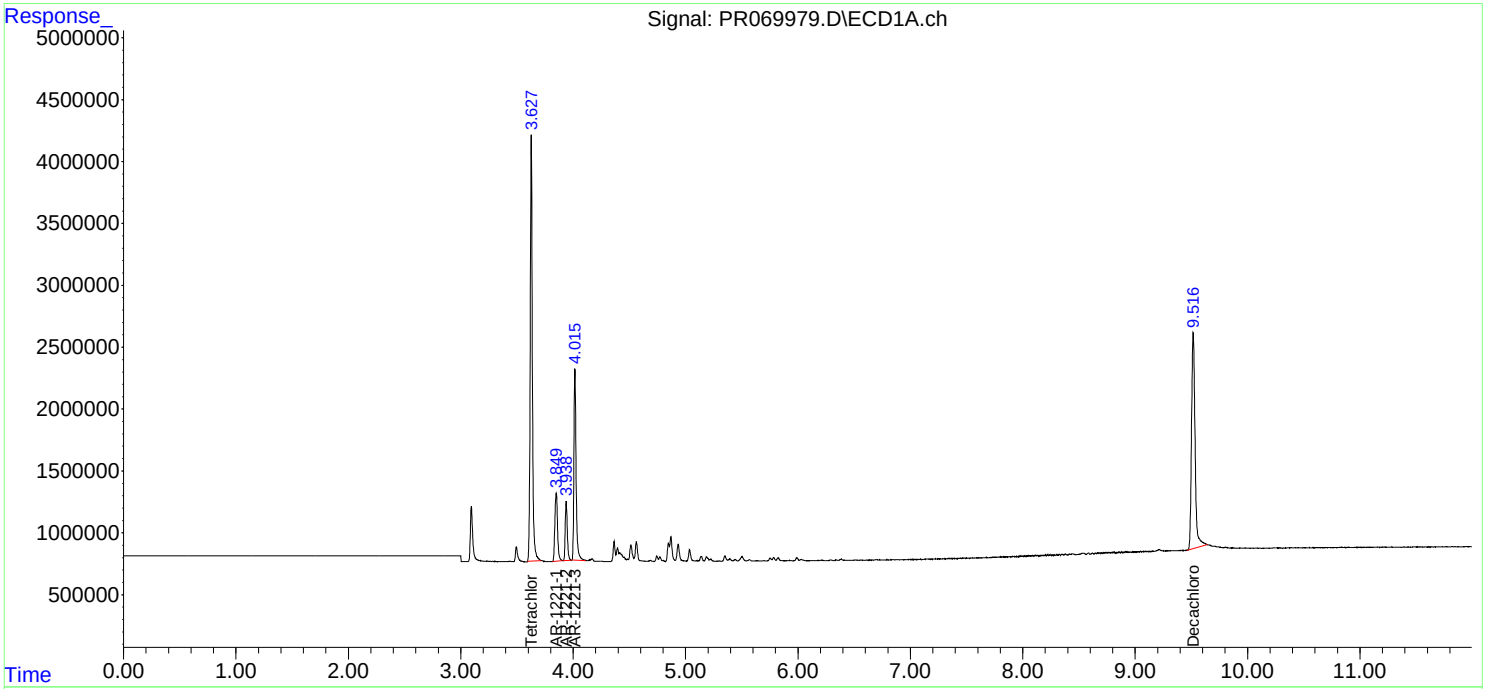
ICAL Form

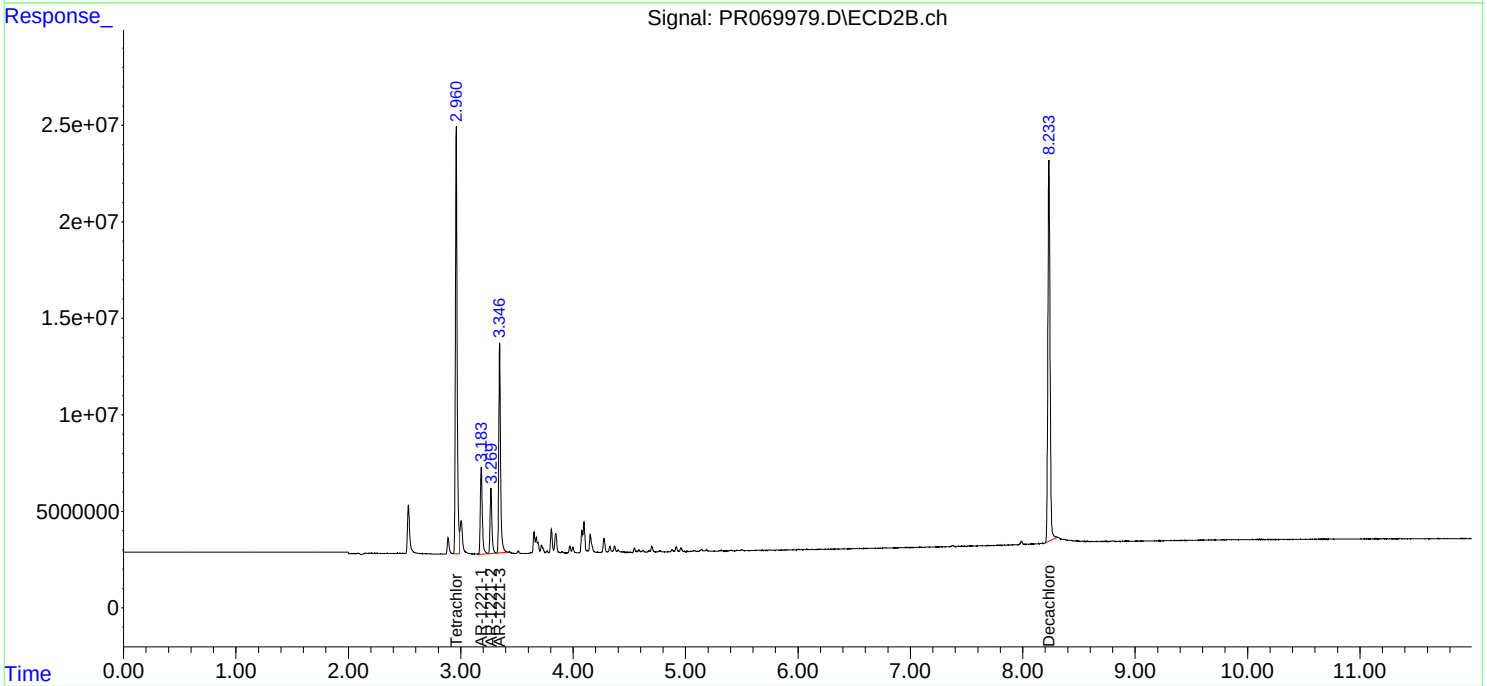
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:44
Operator : AJ\MA
Sample : AR1221ICC800
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12214232

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:58
Operator : AJ\MA
Sample : AR1221ICC1600
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12215233

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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...	3.628	2.960	84687063	460.7E6	72.740	73.223
2)	SA Decachlor...	9.517	8.233	71195216	508.6E6	141.132	145.520
	Target Compounds						
8)	L2 AR-1221-1	3.850	3.183	16694746	99326444	1342.799	1319.591
9)	L2 AR-1221-2	3.938	3.269	11244837	69293848	1324.930	1313.649
10)	L2 AR-1221-3	4.016	3.346	37273441	218.8E6	1341.686	1309.974

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

Quantitation Report (QT Reviewed)

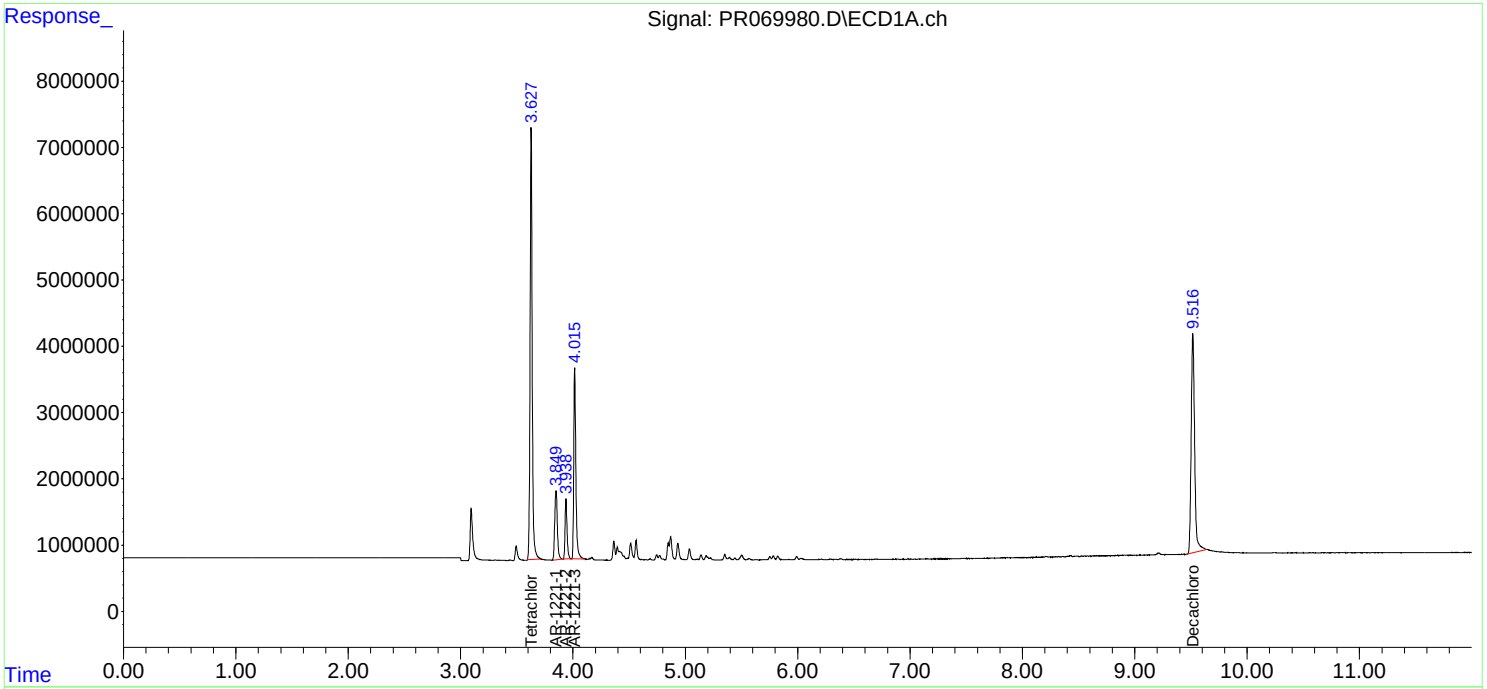
ICAL Form

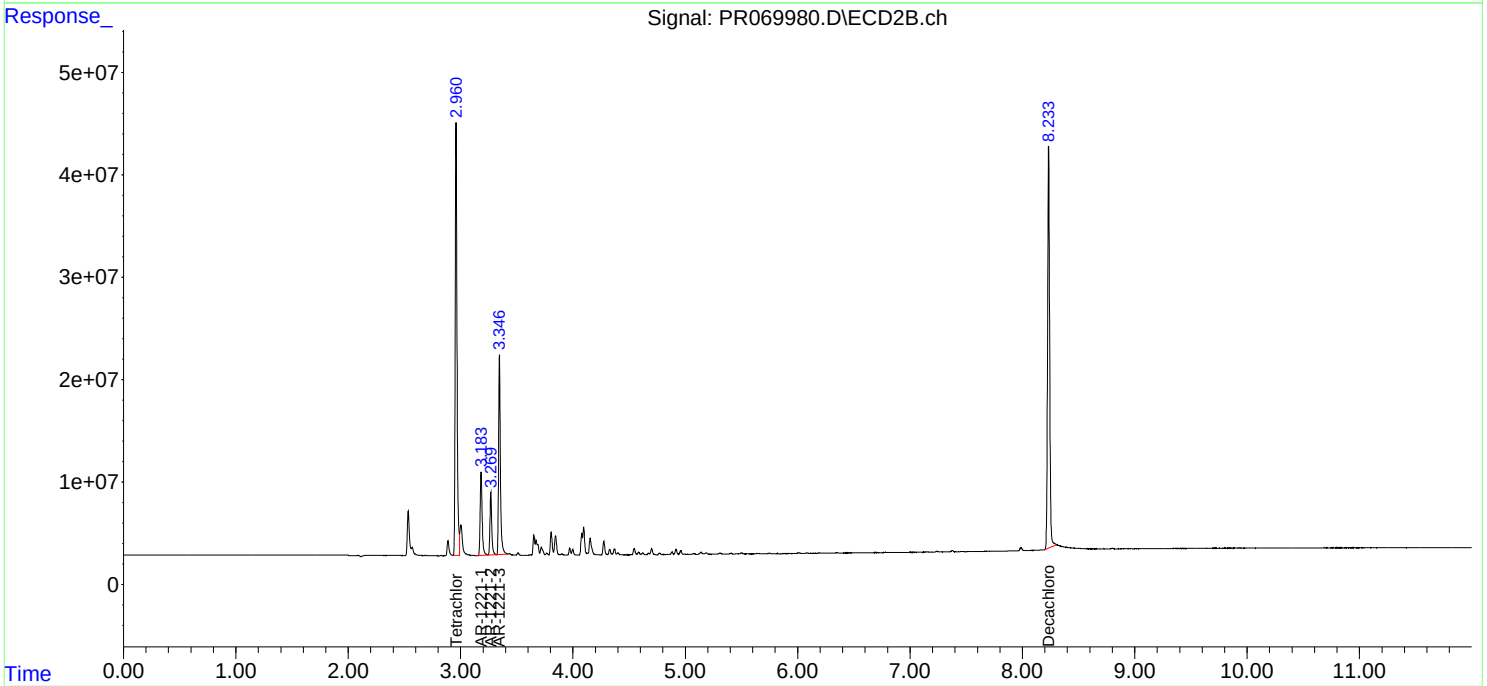
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 18:58
Operator : AJ\MA
Sample : AR1221ICC1600
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12215233

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:46:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:45:08 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:13
Operator : AJ\MA
Sample : AR1232ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12321234

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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...	3.628	2.960	6001906	33304736	5.254	5.198
2)	SA Decachlor...	9.517	8.233	5602334	38642469	10.843	10.964
	Target Compounds						
11)	L3 AR-1232-1	4.016	3.346	2600482	15178480	116.768	112.822
12)	L3 AR-1232-2	4.563	4.096	1386432	13562524	112.417	110.922
13)	L3 AR-1232-3	4.870	4.276	2297079	6891629	113.815	106.675
14)	L3 AR-1232-4	5.036	4.369	1047021	6634599	108.066	110.823
15)	L3 AR-1232-5	5.141	4.546	760427	6863402	98.601	109.354

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

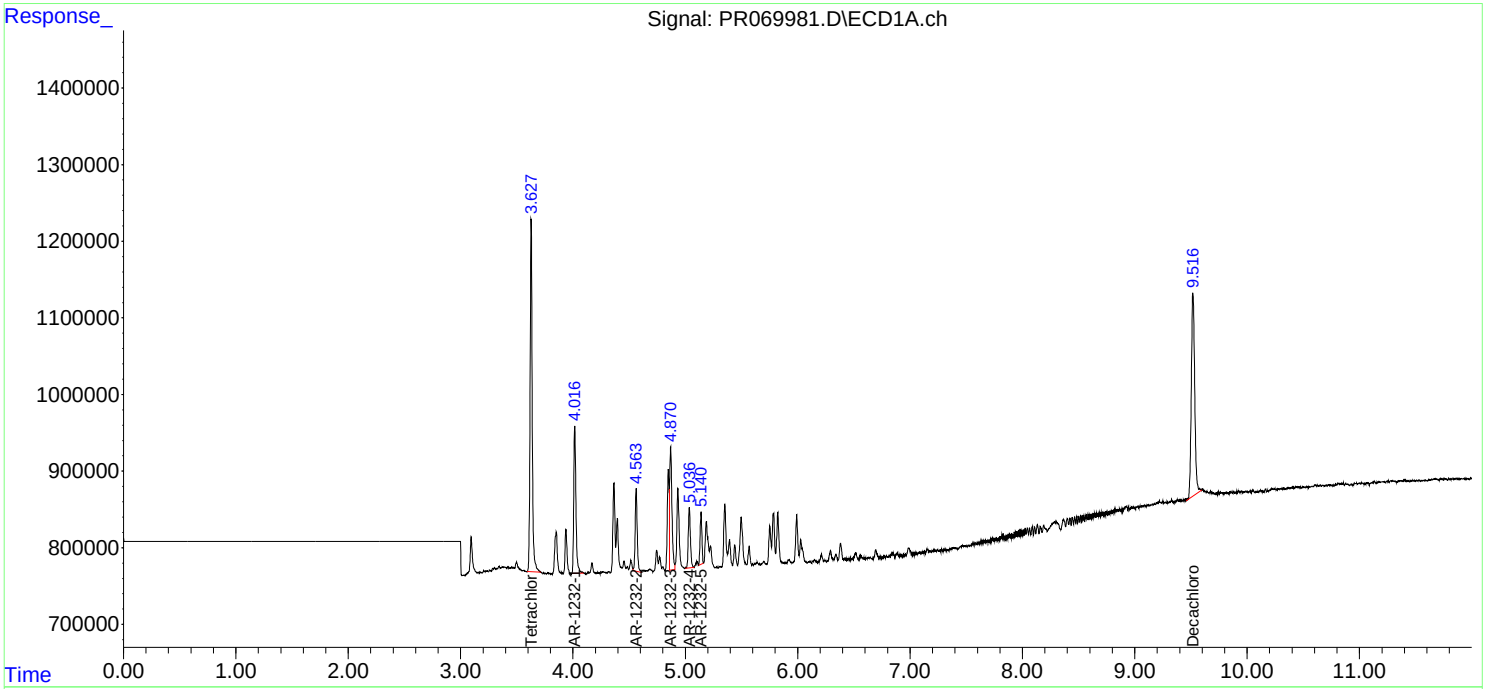
ICAL Form

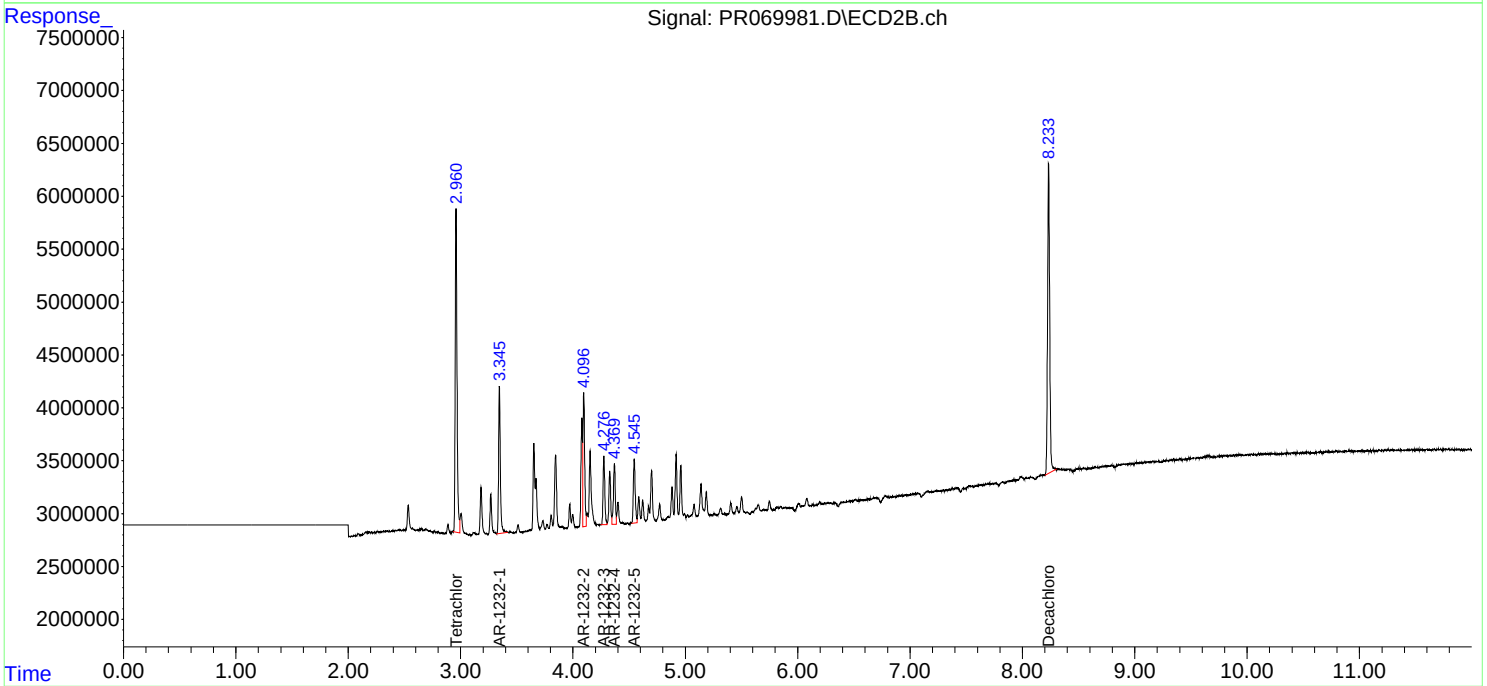
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:13
Operator : AJ\MA
Sample : AR1232ICC100
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12321234

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:55:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:28
Operator : AJ\MA
Sample : AR1232ICC200
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12322235

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:55:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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...	3.628	2.960	11911283	66327802	10.426	10.352
2)	SA Decachlor...	9.519	8.234	10982687	73768946	21.256	20.930
	Target Compounds						
11)	L3 AR-1232-1	4.016	3.346	4889658	29386055	219.558	218.427
12)	L3 AR-1232-2	4.563	4.097	2598510	26078640	210.697	213.286
13)	L3 AR-1232-3	4.871	4.276	4386176	13708776	217.325	212.198
14)	L3 AR-1232-4	5.037	4.369	2058206	12766447	212.433	213.248
15)	L3 AR-1232-5	5.140	4.546	1657225	13153503	214.884	209.573

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

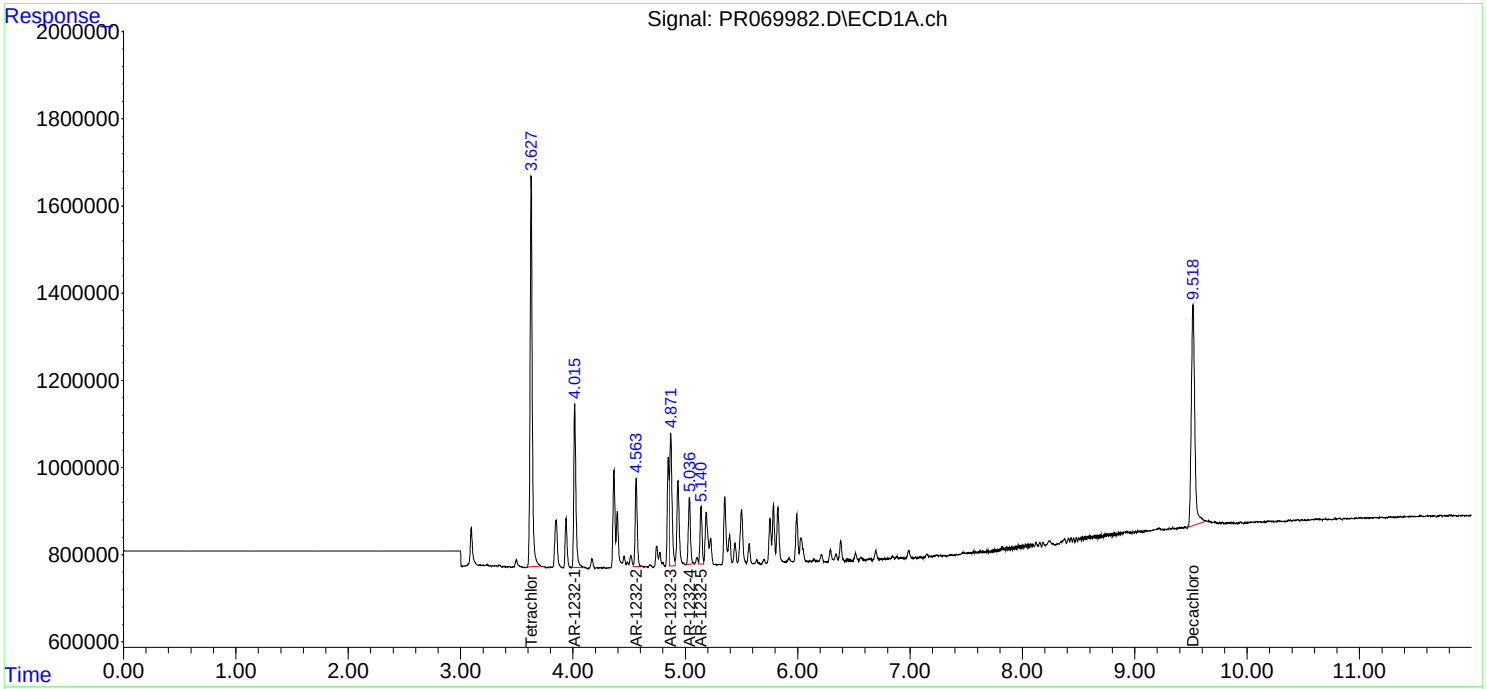
ICAL Form

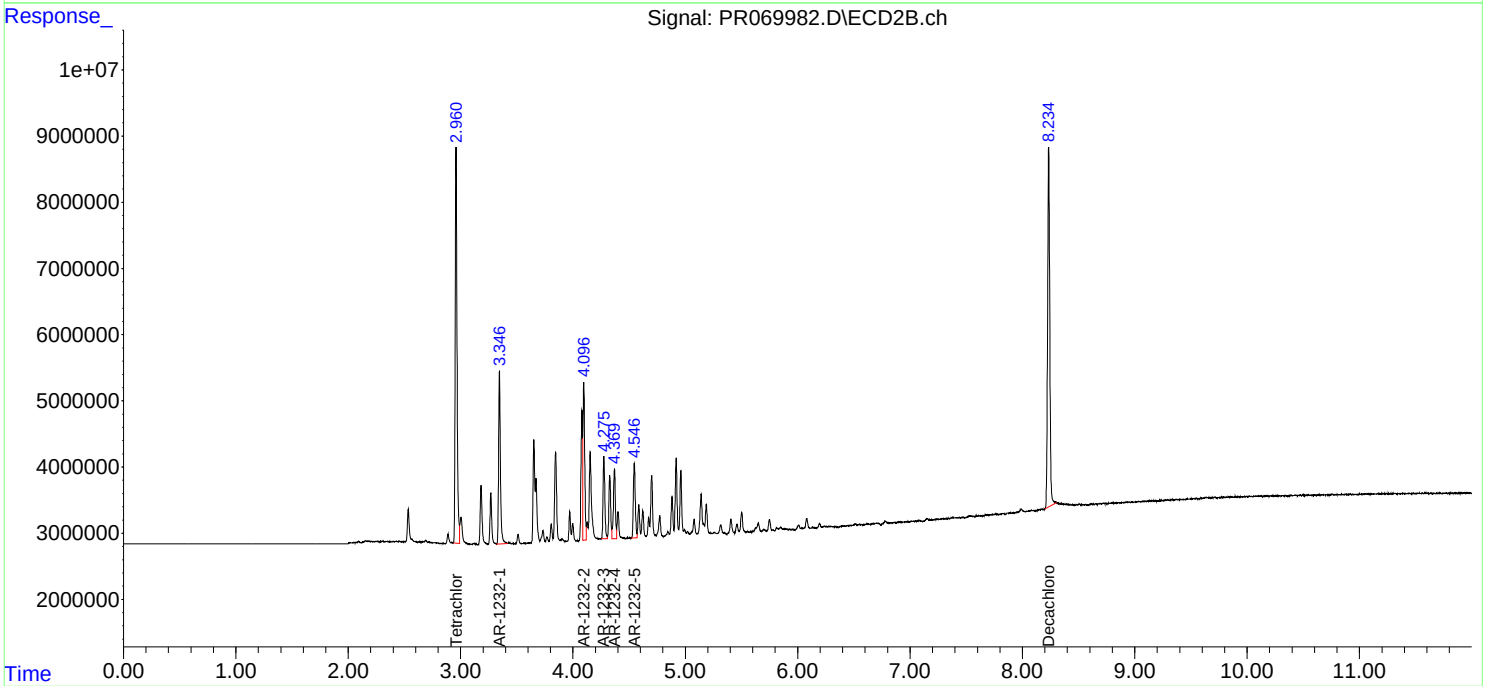
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:28
Operator : AJ\MA
Sample : AR1232ICC200
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12322235

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:55:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:42
Operator : AJ\MA
Sample : AR1232ICC400
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12323236

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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...	3.629	2.961	22848861	128.2E6	20.000	20.000
2)	SA Decachlor...	9.518	8.233	20667351	141.0E6	40.000	40.000
	Target Compounds						
11)	L3 AR-1232-1	4.017	3.346	8908180	53813883	400.000	400.000
12)	L3 AR-1232-2	4.563	4.097	4933177	48908243	400.000	400.000
13)	L3 AR-1232-3	4.870	4.276	8073016	25841530	400.000	400.000
14)	L3 AR-1232-4	5.036	4.369	3875483	23946652	400.000	400.000
15)	L3 AR-1232-5	5.140	4.545	3084880	25105317	400.000	400.000

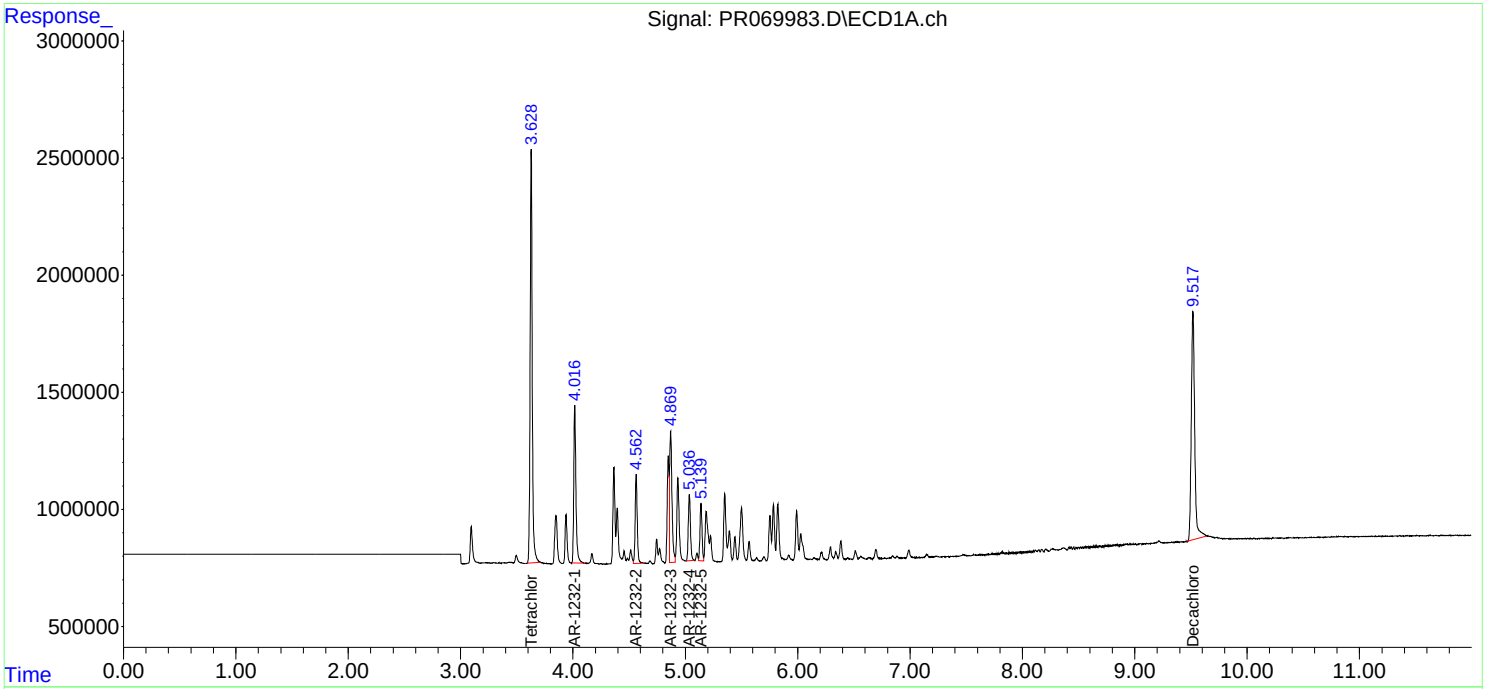
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

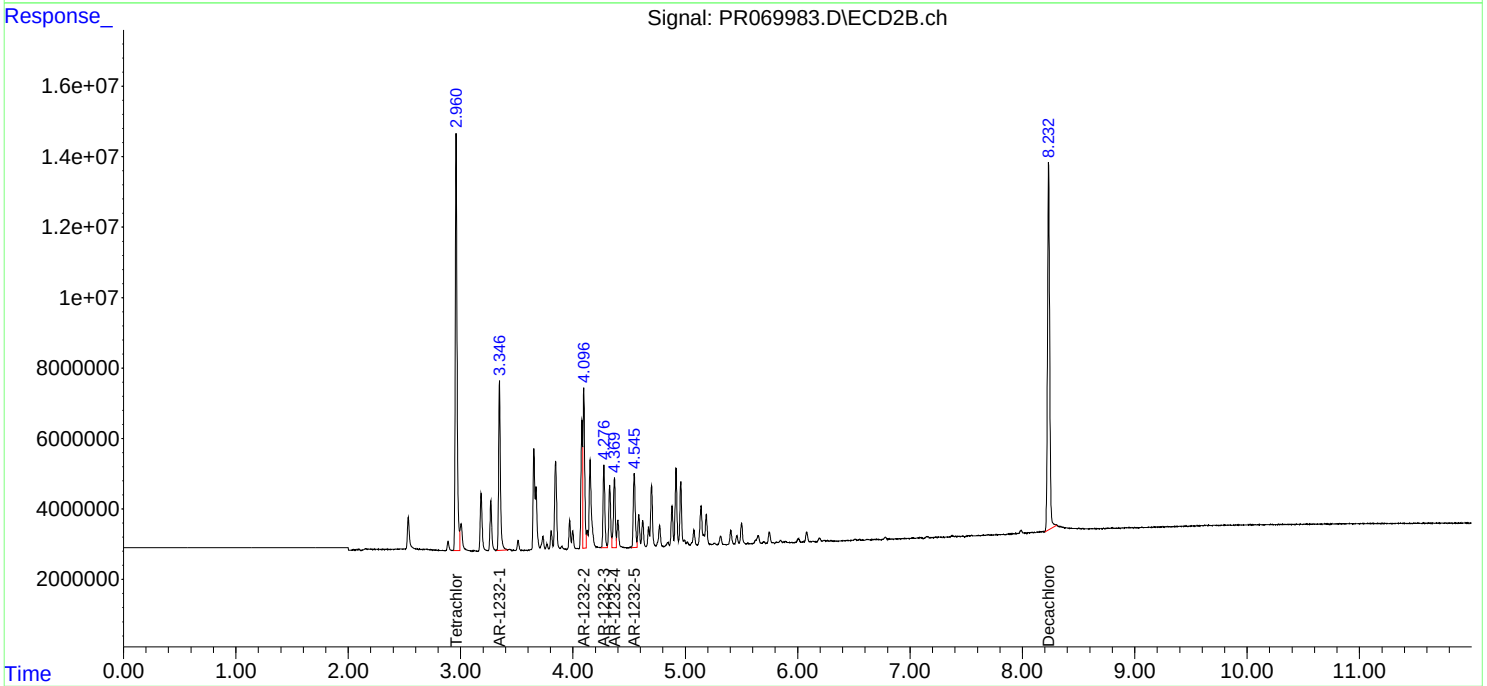
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:42
Operator : AJ\MA
Sample : AR1232ICC400
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12323236

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:57
Operator : AJ\MA
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12324237

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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...	3.628	2.960	44243578	244.7E6	38.727	38.191
2)	SA Decachlor...	9.518	8.234	38709486	269.8E6	74.919	76.559
	Target Compounds						
11)	L3 AR-1232-1	4.016	3.346	16599138	98320835	745.344	730.821
12)	L3 AR-1232-2	4.563	4.096	9048354	96689192	733.674	790.780m
13)	L3 AR-1232-3	4.870	4.275	15210411	47988968	753.642	742.819
14)	L3 AR-1232-4	5.036	4.369	7205347	44051474	743.685	735.827
15)	L3 AR-1232-5	5.140	4.546	5609581	46691779	727.365	743.935

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:57
Operator : AJ\MA
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

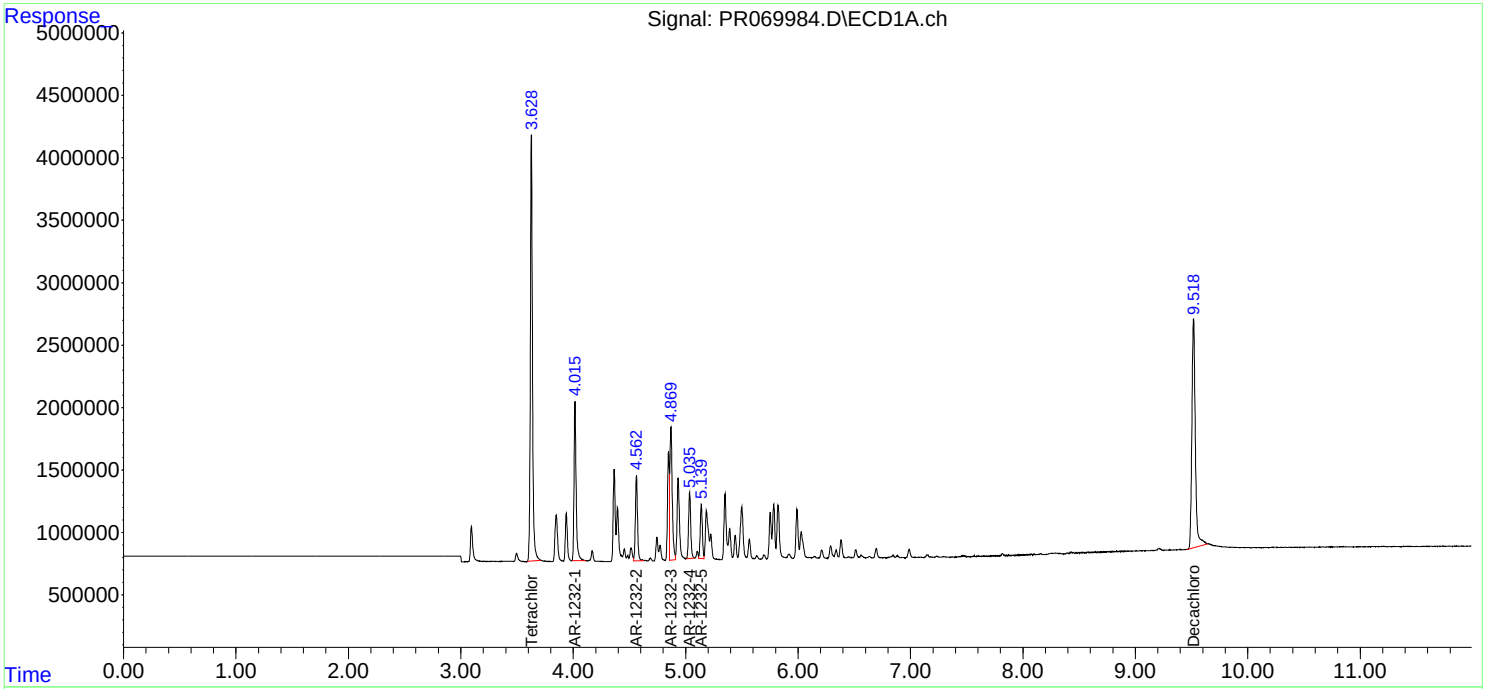
Instrument :
ECD_R
ClientSampleId :
AR12324237

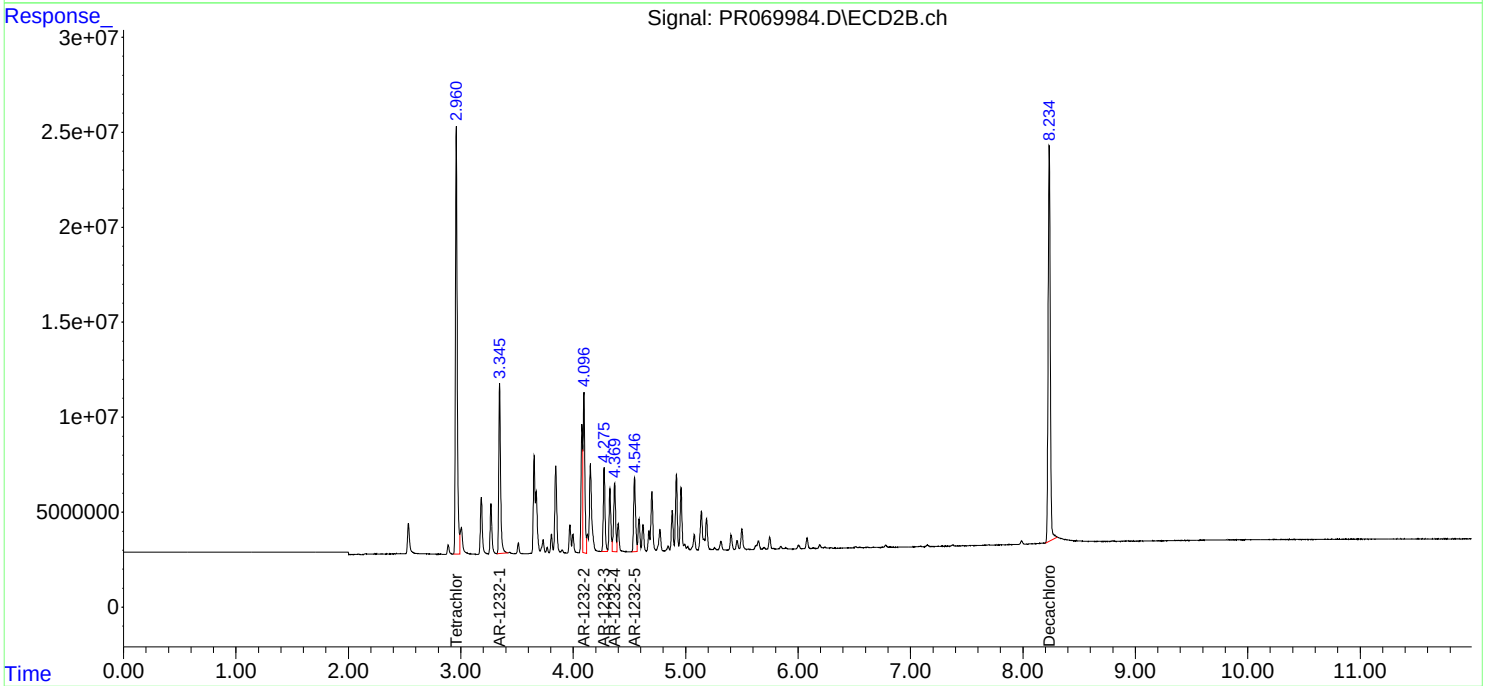
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:57
Operator : AJ\MA
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

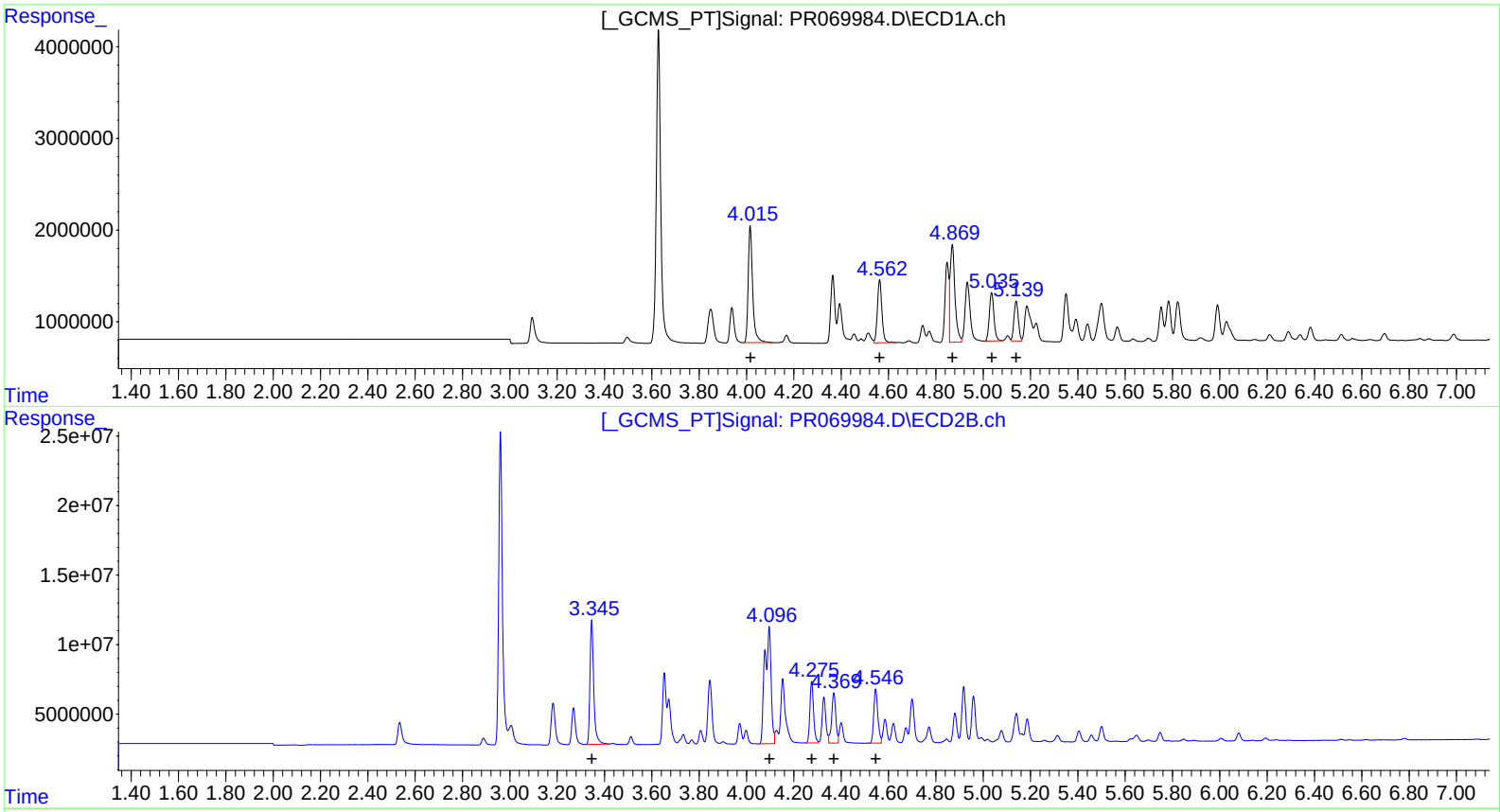
Instrument :
ECD_R
LabSampleId :
AR1232ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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



QEdit

(11) AR-1232-1 (L3)

R.T.	Response	Conc
4.02	16599138	745.34
4.56	9048354	733.67
4.87	15210411	753.64
5.04	7205347	743.68
5.14	5609581	727.36

(11) AR-1232-1 #2 (L3)

R.T.	Response	Conc
3.35	98320835	730.82
4.10	154359676	1262.44
4.28	47988968	742.82
4.37	44051474	735.83
4.55	46691779	743.93

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 19:57
Operator : AJ\MA
Sample : AR1232ICC800
Misc :
ALS Vial : 16 Sample Multiplier: 1

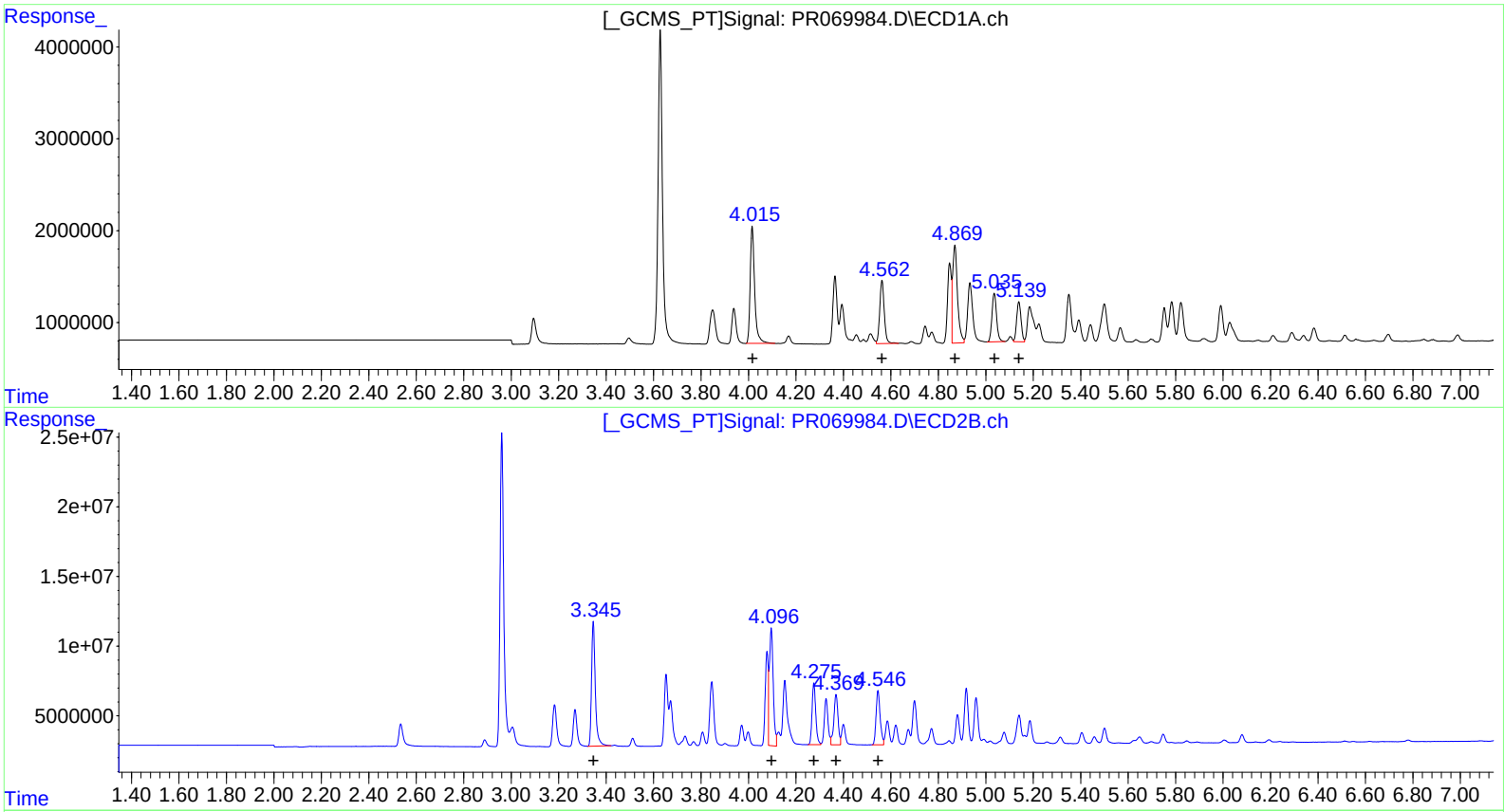
Instrument :
ECD_R
LabSampleId :
AR1232ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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



QEdit

(11) AR-1232-1 (L3)

R.T.	Response	Conc
4.02	16599138	745.34
4.56	9048354	733.67
4.87	15210411	753.64
5.04	7205347	743.68
5.14	5609581	727.36

(11) AR-1232-1 #2 (L3)

R.T.	Response	Conc
3.35	98320835	730.82
4.10	96689192	790.78
4.28	47988968	742.82
4.37	44051474	735.83
4.55	46691779	743.93

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:12
Operator : AJ\MA
Sample : AR1232ICC1600
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12325238

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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...	3.628	2.960	83987329	456.1E6	73.516	71.183
2)	SA Decachlor...	9.517	8.233	73164711	519.2E6	141.604	147.317
	Target Compounds						
11)	L3 AR-1232-1	4.016	3.346	29158565	172.7E6	1309.294	1283.427
12)	L3 AR-1232-2	4.563	4.096	15574912	164.8E6	1262.871	1347.563
13)	L3 AR-1232-3	4.870	4.276	28121803	85423913	1393.373	1322.273
14)	L3 AR-1232-4	5.035	4.370	13069140	76585108	1348.904	1279.262
15)	L3 AR-1232-5	5.139	4.546	9748576	81614567	1264.046	1300.355

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

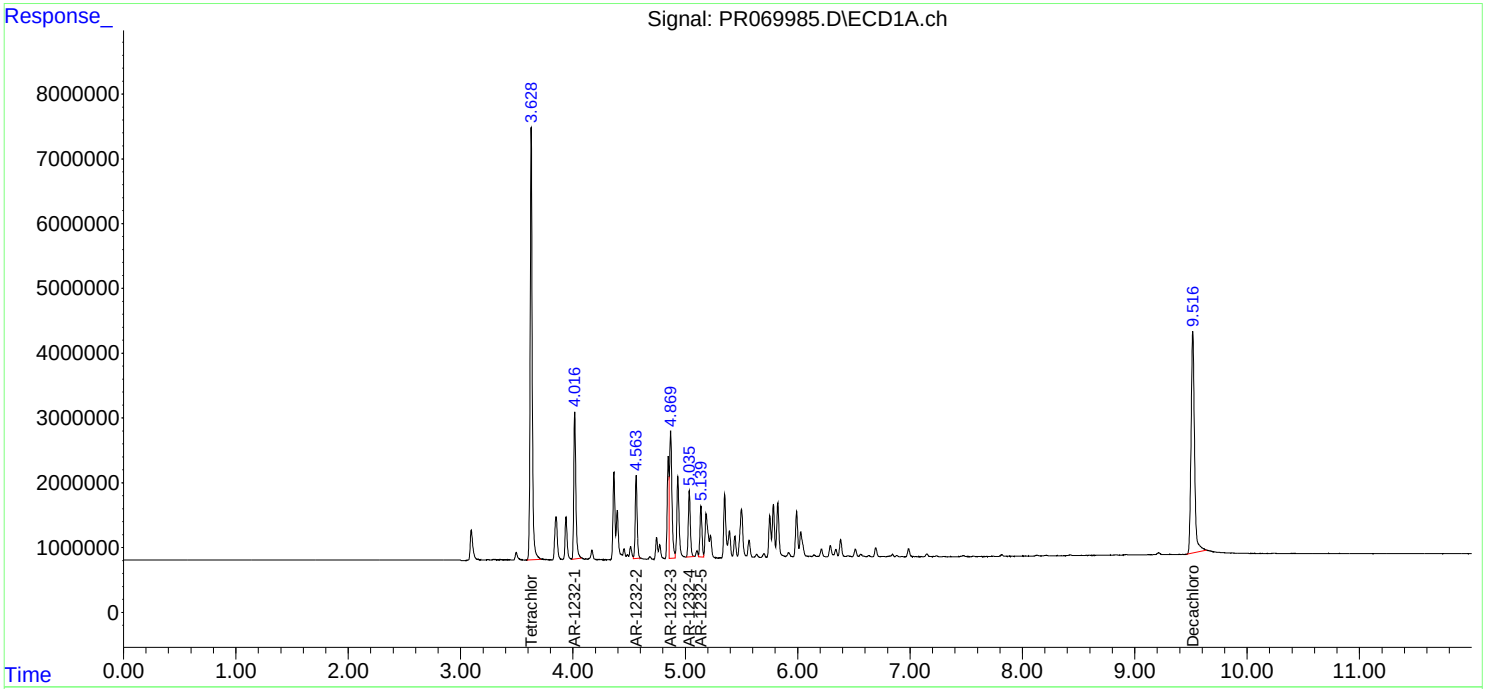
ICAL Form

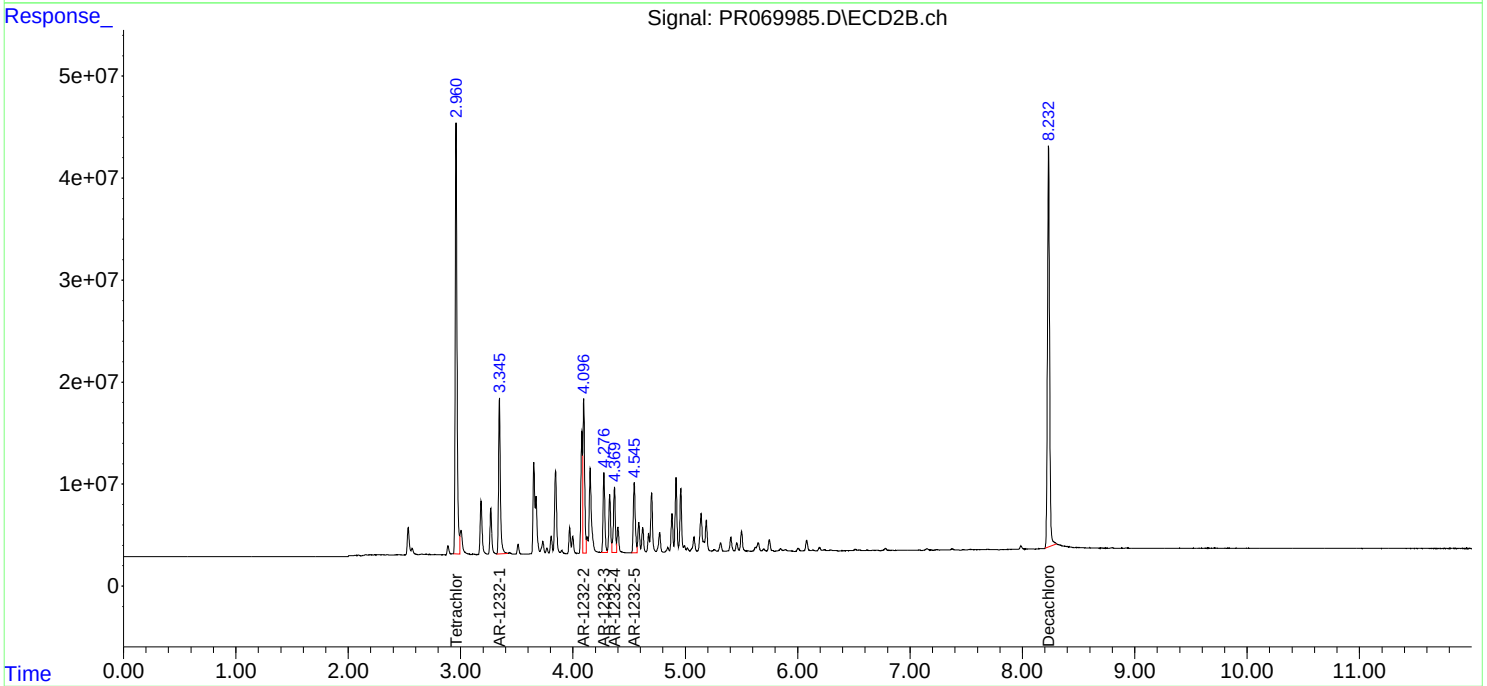
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:12
Operator : AJ\MA
Sample : AR1232ICC1600
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12325238

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 22:56:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 22:55:09 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:26
Operator : AJ\MA
Sample : AR1242ICC100
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12421239

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:07:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	6042568	34477508	5.458	5.456
2)	SA Decachlor...	9.516	8.231	5475490	38895910	10.572	11.031
	Target Compounds						
16)	L4 AR-1242-1	4.848	4.078	2661465	17485675	111.840	117.181
17)	L4 AR-1242-2	4.870	4.096	4182171	24730215	115.359	112.738
18)	L4 AR-1242-3	4.934	4.276	2694367	13044438	117.161	112.118
19)	L4 AR-1242-4	5.036	4.369	1960509	13785101	111.817	117.292
20)	L4 AR-1242-5	5.823	4.918	1981872	14433459	111.679	115.527

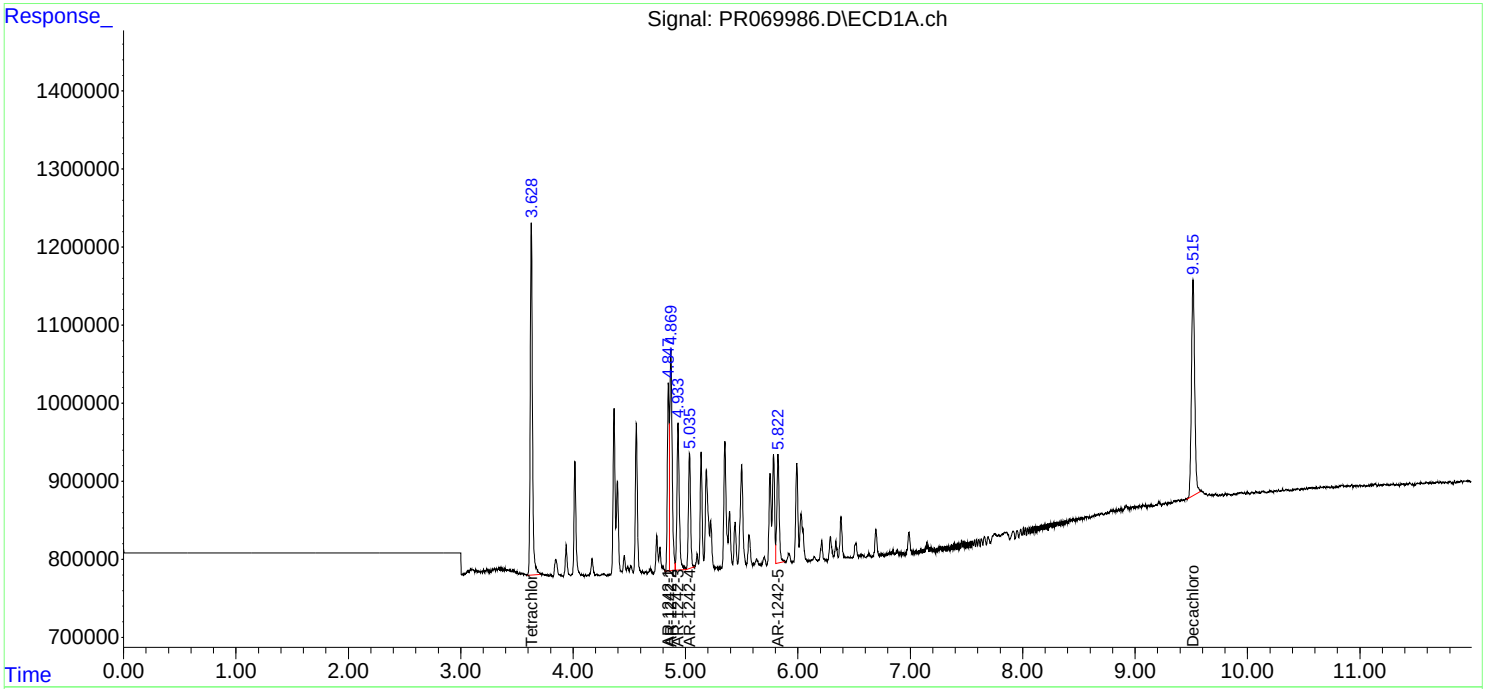
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

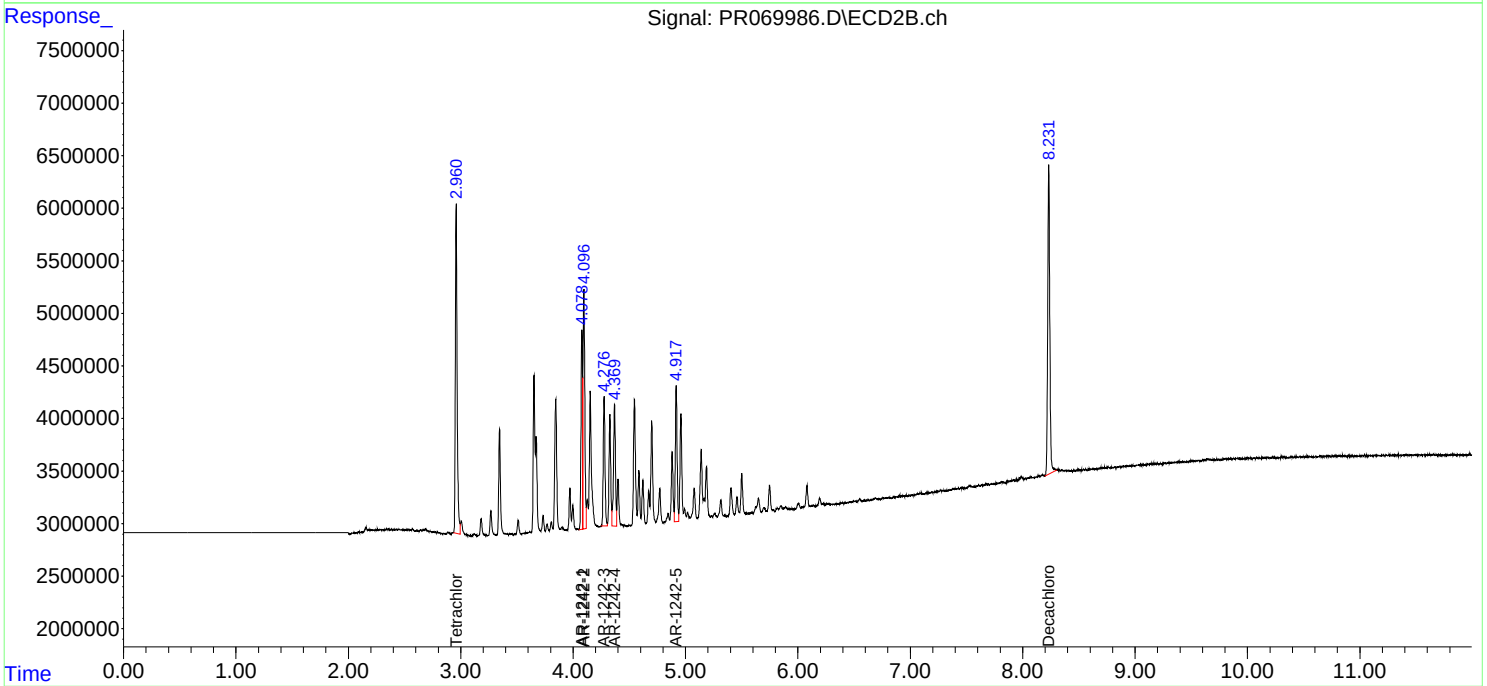
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:26
Operator : AJ\MA
Sample : AR1242ICC100
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12421239

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:07:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:41
Operator : AJ\MA
Sample : AR1242ICC200
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12422240

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:07:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	11585941	66709429	10.465	10.557
2)	SA Decachlor...	9.517	8.232	10733147	73911539	20.723	20.961
	Target Compounds						
16)	L4 AR-1242-1	4.848	4.078	5070870	32654895	213.089	218.837
17)	L4 AR-1242-2	4.870	4.096	7824693	47022789	215.832	214.364
18)	L4 AR-1242-3	4.934	4.276	5065917	25104023	220.285	215.771
19)	L4 AR-1242-4	5.036	4.369	3820388	25725678	217.894	218.890
20)	L4 AR-1242-5	5.824	4.918	3659631	26942576	206.221	215.651

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

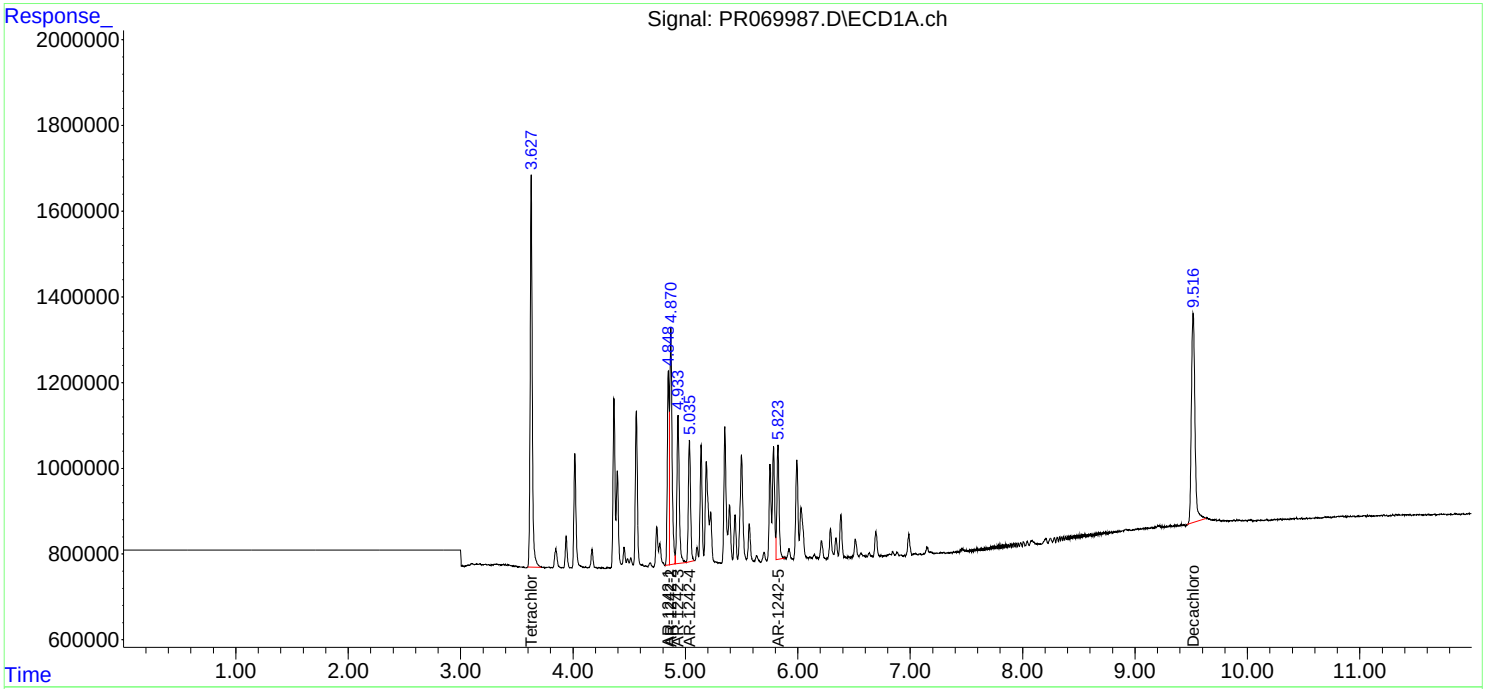
ICAL Form

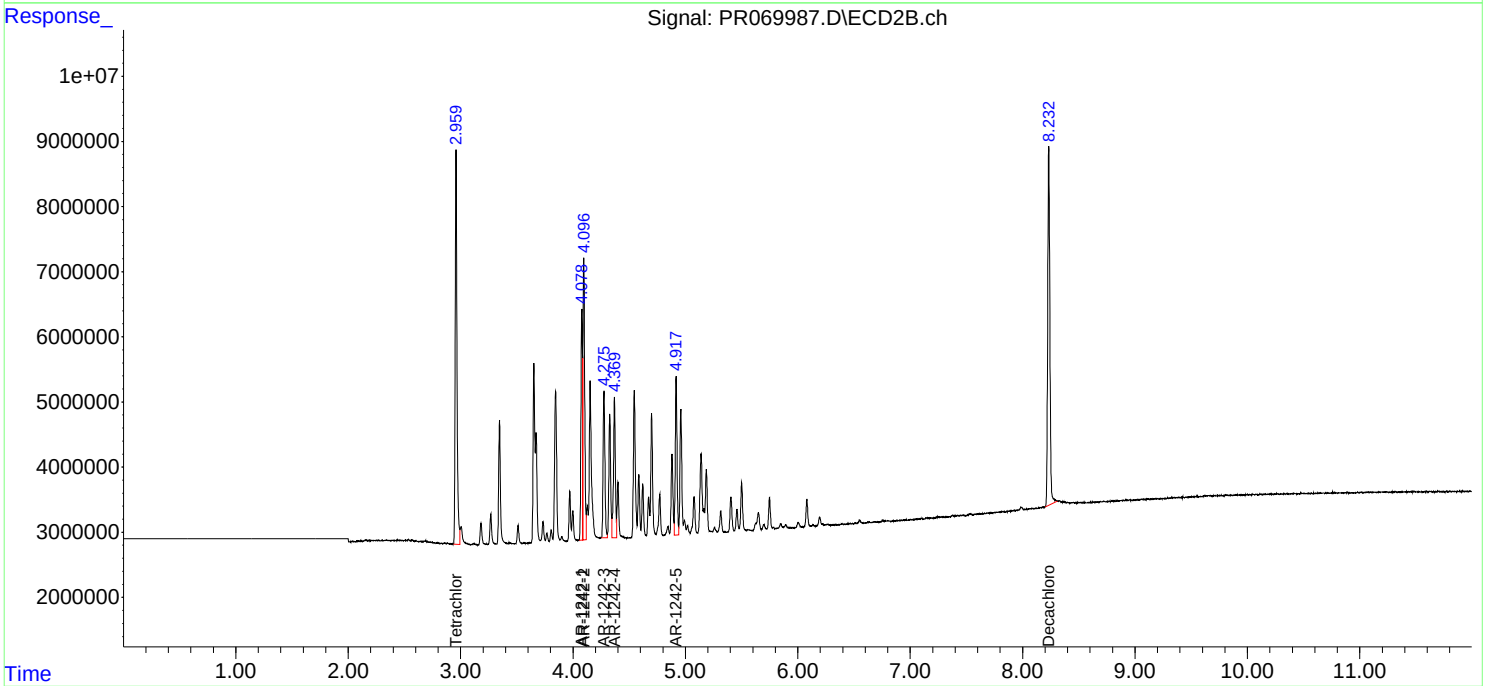
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:41
Operator : AJ\MA
Sample : AR1242ICC200
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12422240

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:07:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:56
Operator : AJ\MA
Sample : AR1242ICC400
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12423241

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.629	2.960	22142021	126.4E6	20.000	20.000
2)	SA Decachlor...	9.517	8.232	20717763	141.0E6	40.000	40.000
	Target Compounds						
16)	L4 AR-1242-1	4.848	4.078	9518804	59687963	400.000	400.000
17)	L4 AR-1242-2	4.870	4.096	14501428	87743984	400.000	400.000
18)	L4 AR-1242-3	4.934	4.276	9198838	46538367	400.000	400.000
19)	L4 AR-1242-4	5.036	4.369	7013303	47011105	400.000	400.000
20)	L4 AR-1242-5	5.823	4.917	7098477	49974292	400.000	400.000

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

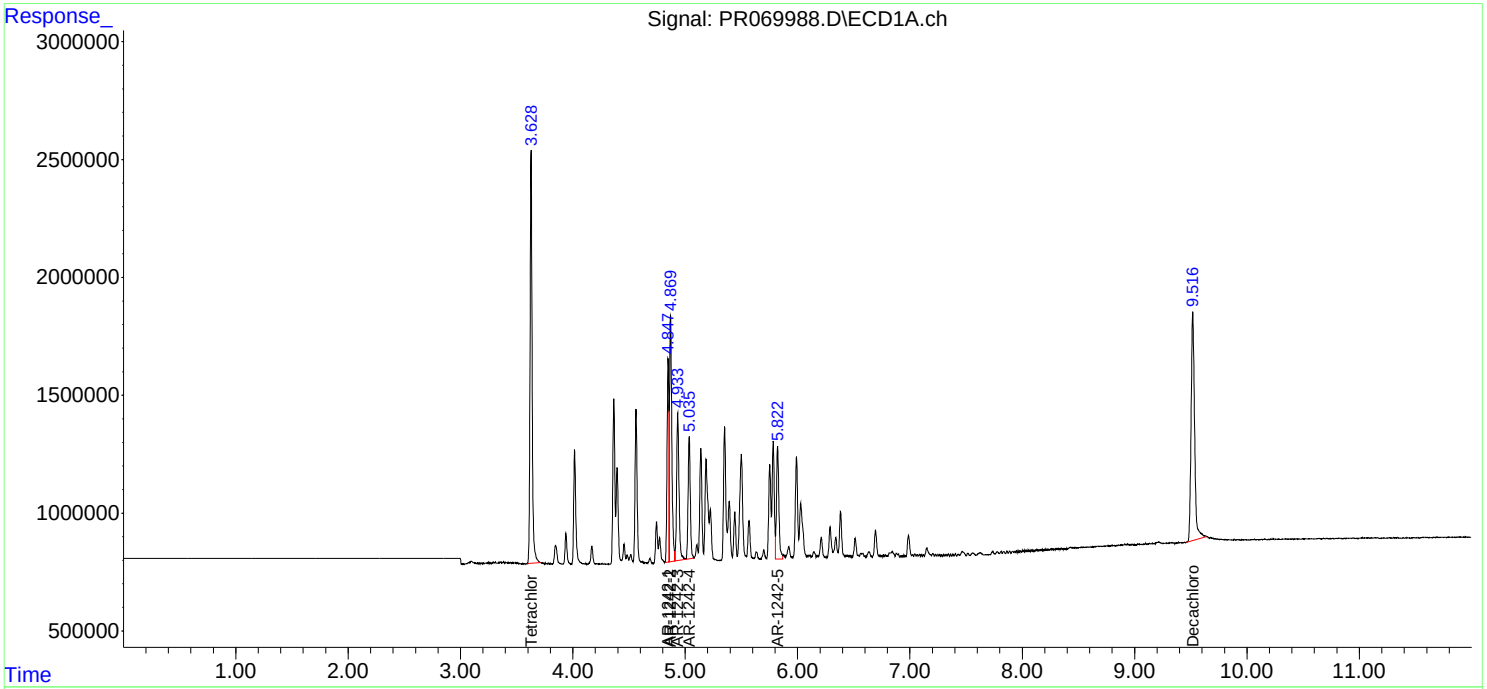
ICAL Form

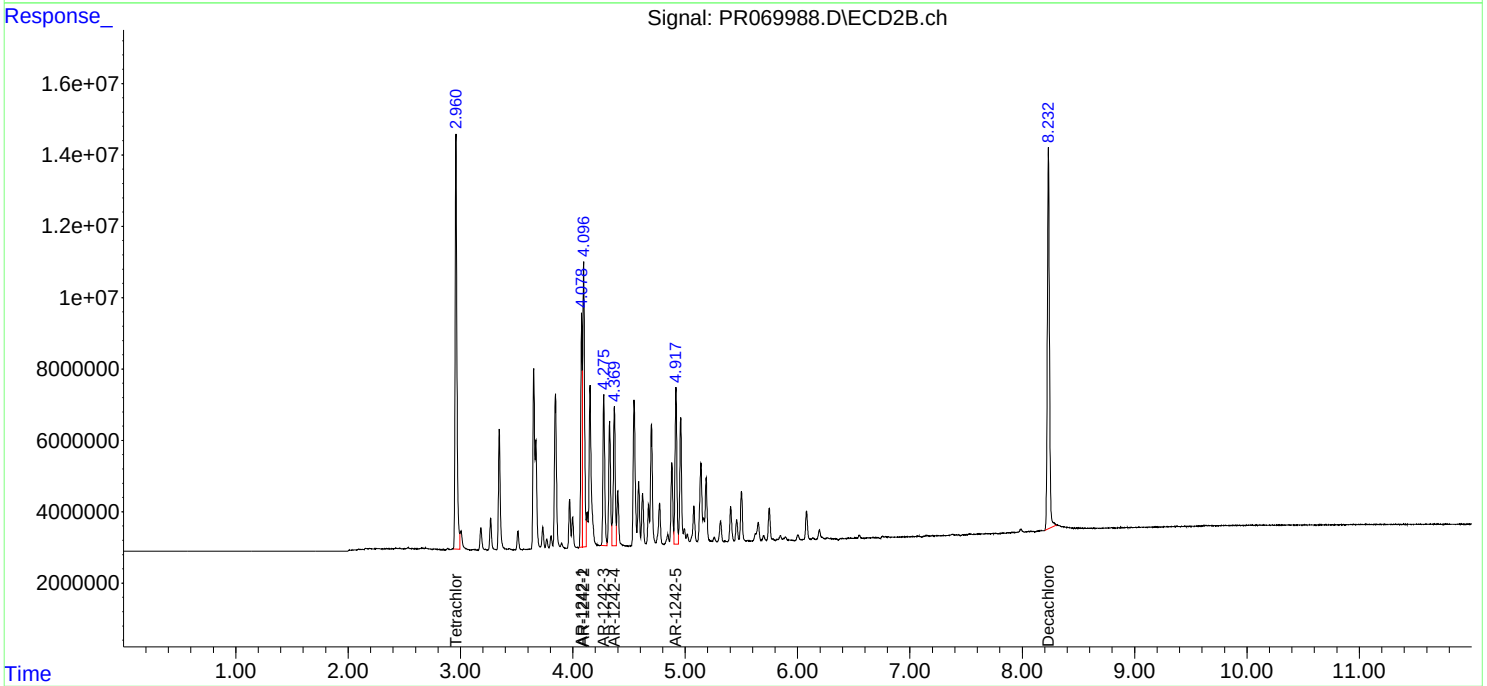
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 20:56
Operator : AJ\MA
Sample : AR1242ICC400
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12423241

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:11
Operator : AJ\MA
Sample : AR1242ICC800
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12424242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.627	2.960	42969389	241.5E6	38.813	38.219
2)	SA Decachlor...	9.516	8.232	39178810	271.5E6	75.643	76.984
	Target Compounds						
16)	L4 AR-1242-1	4.847	4.078	17869285	112.6E6	750.905	754.811
17)	L4 AR-1242-2	4.869	4.096	28253155	165.0E6	779.321	752.321
18)	L4 AR-1242-3	4.933	4.276	17575248	87301047	764.238	750.358
19)	L4 AR-1242-4	5.036	4.369	13507414	86034012	770.388	732.031
20)	L4 AR-1242-5	5.823	4.917	12580622	93799069	708.919	750.779

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

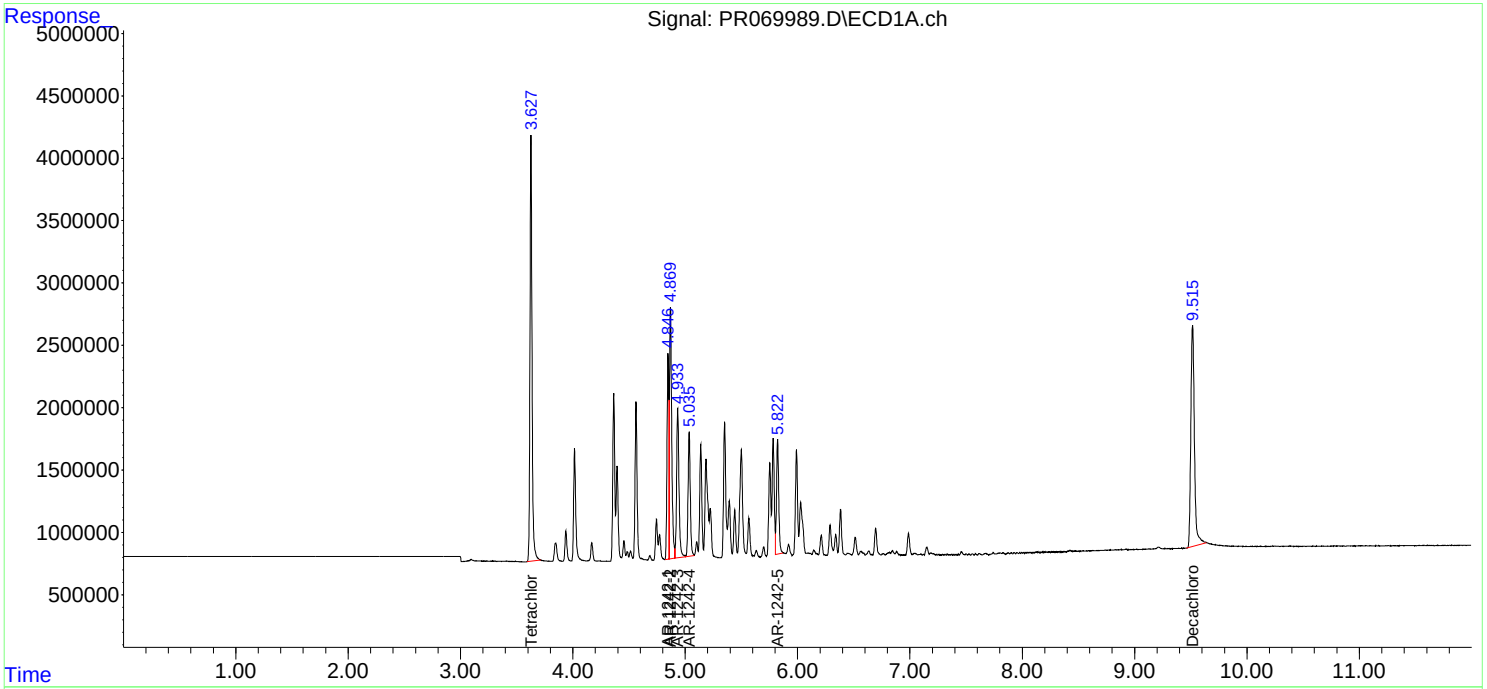
ICAL Form

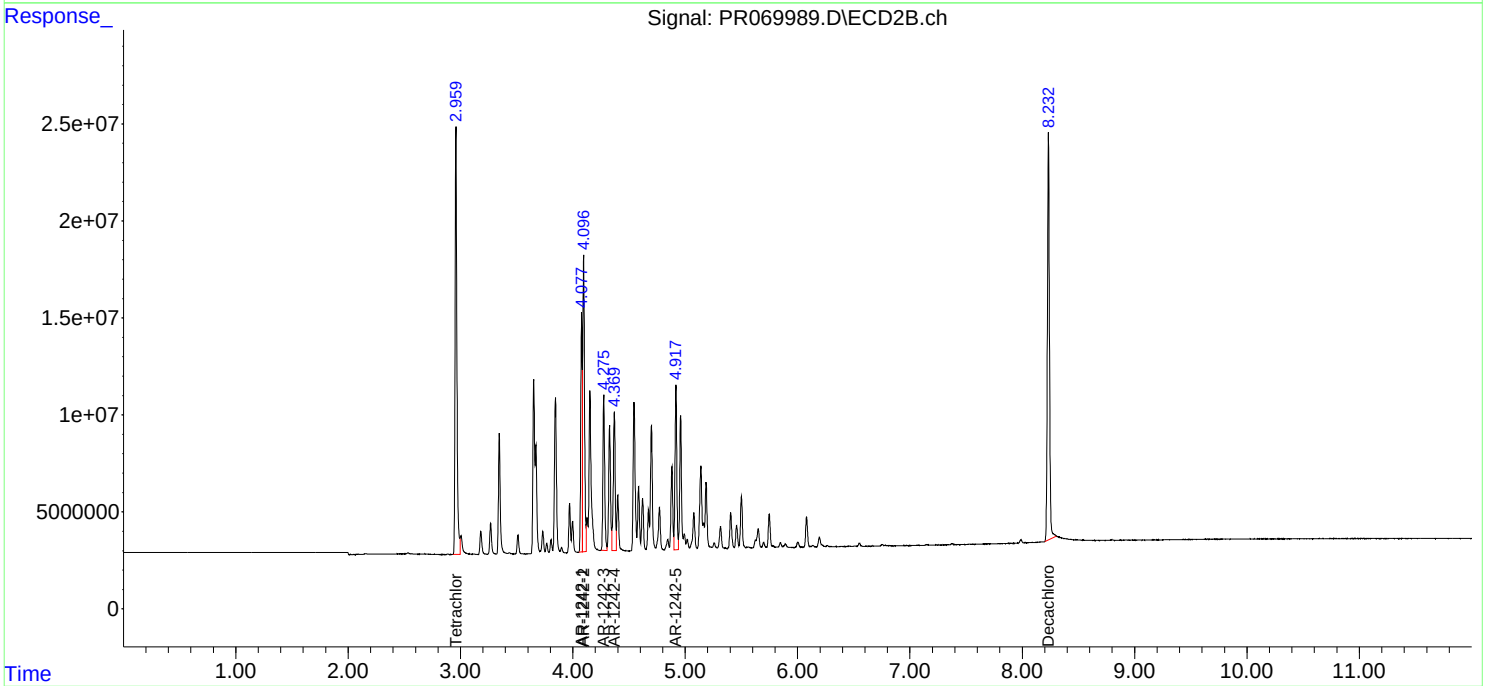
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:11
Operator : AJ\MA
Sample : AR1242ICC800
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12424242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:25
Operator : AJ\MA
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12425243

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	82674782	463.7E6	74.677	73.377
2)	SA Decachlor...	9.518	8.234	71577078	511.5E6	138.195	145.064
	Target Compounds						
16)	L4 AR-1242-1	4.848	4.078	33671314	207.5E6	1414.939	1390.299
17)	L4 AR-1242-2	4.869	4.096	52144308	309.7E6	1438.322	1411.635
18)	L4 AR-1242-3	4.934	4.275	31976859	161.2E6	1390.474	1385.328
19)	L4 AR-1242-4	5.036	4.369	24807191	156.2E6	1414.865	1329.423
20)	L4 AR-1242-5	5.823	4.918	26274062	174.0E6	1480.546	1392.617

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

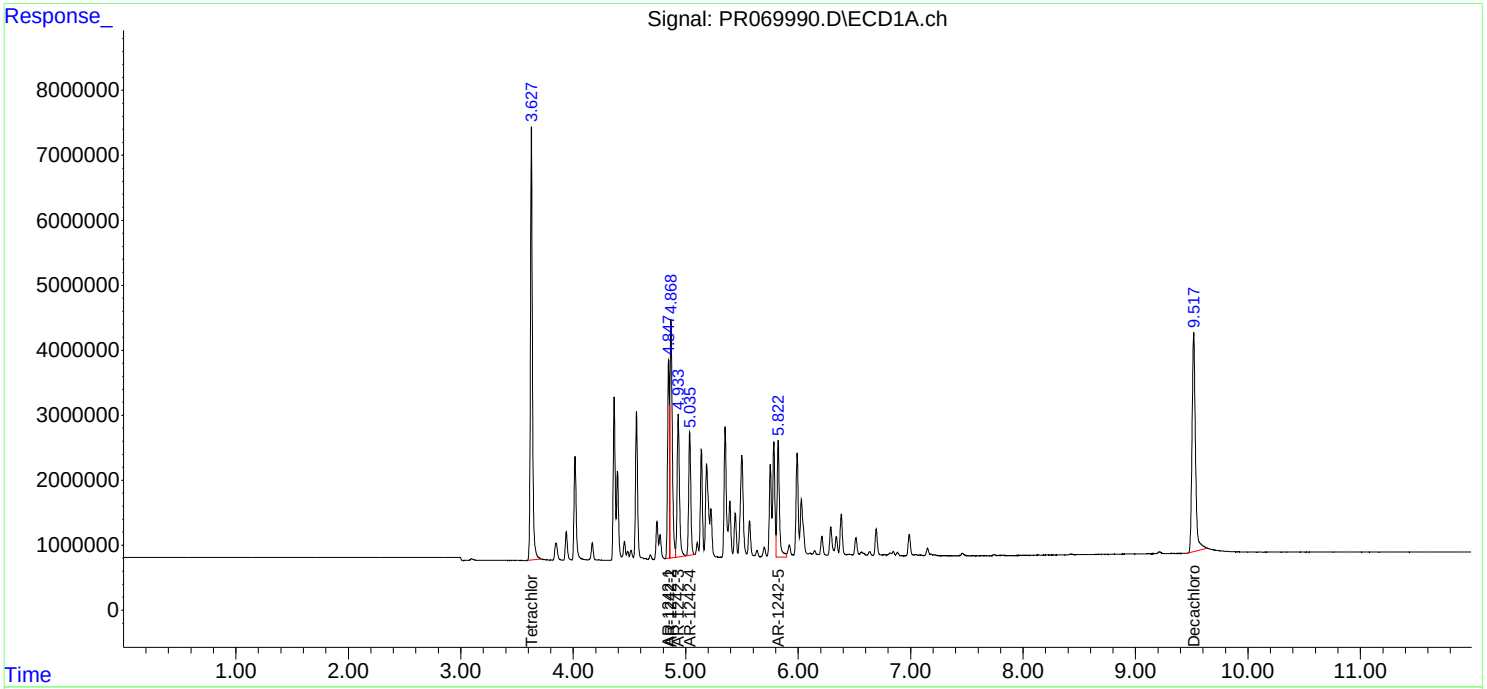
ICAL Form

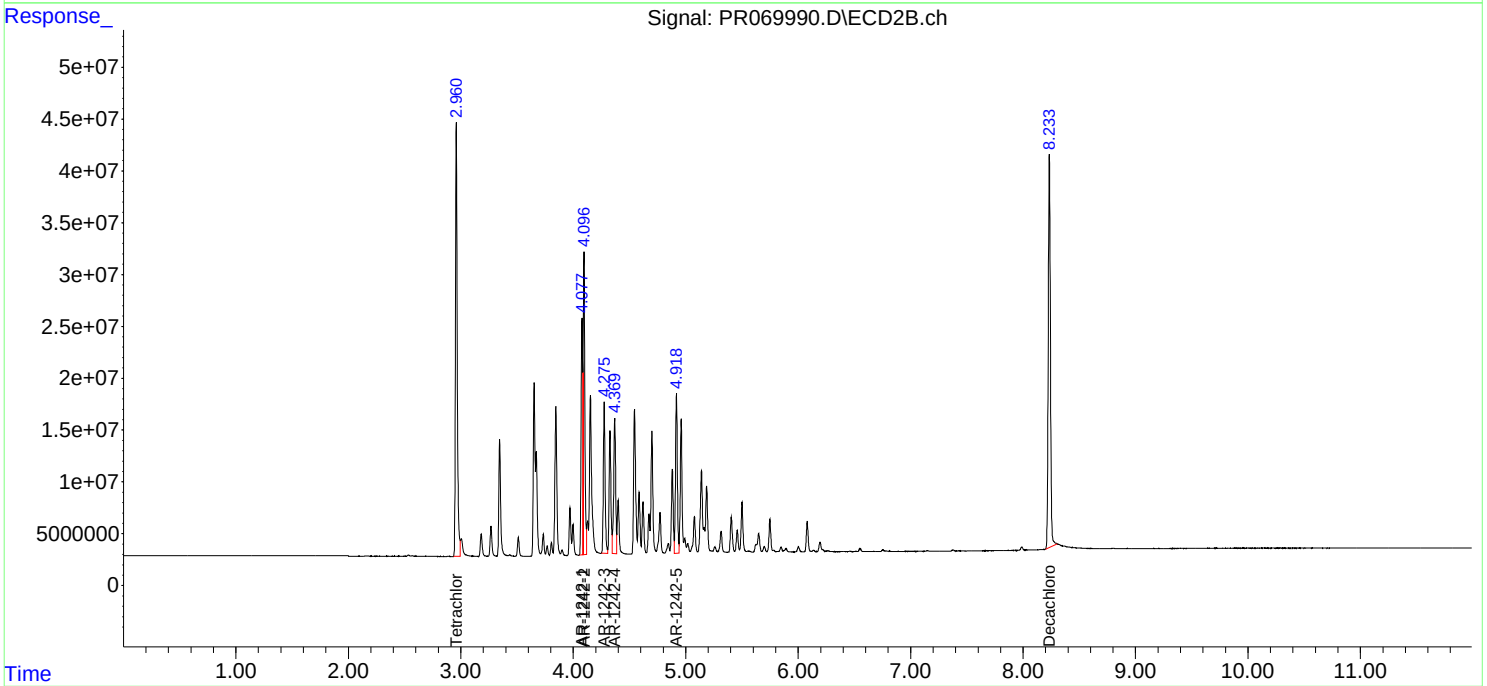
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:25
Operator : AJ\MA
Sample : AR1242ICC1600
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12425243

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 23:08:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:07:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:40
Operator : AJ\MA
Sample : AR1248ICC100
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12481244

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.629	2.960	5829861	34316532	5.349	5.271
2)	SA Decachlor...	9.516	8.233	5412993	38118310	10.415	10.564
	Target Compounds						
21)	L5 AR-1248-1	4.848	4.079	2106077	12784966	119.034	112.998
22)	L5 AR-1248-2	5.140	4.327	3250662	19744537	117.429	118.288
23)	L5 AR-1248-3	5.351	4.370	3700168	19923059	115.920	120.851
24)	L5 AR-1248-4	5.785	4.546	3346600	22904504	115.568	120.111
25)	L5 AR-1248-5	5.823	4.960	3424339	18535049	112.181	107.453

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

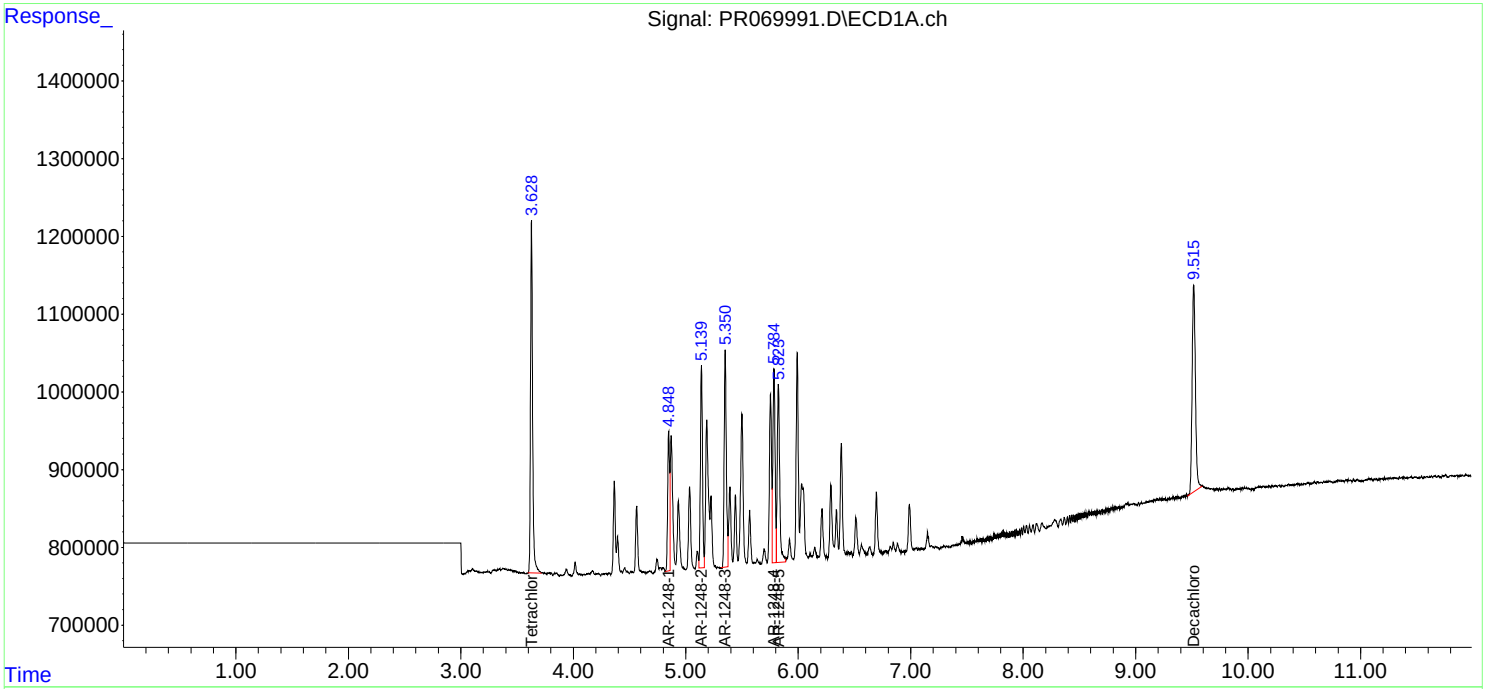
ICAL Form

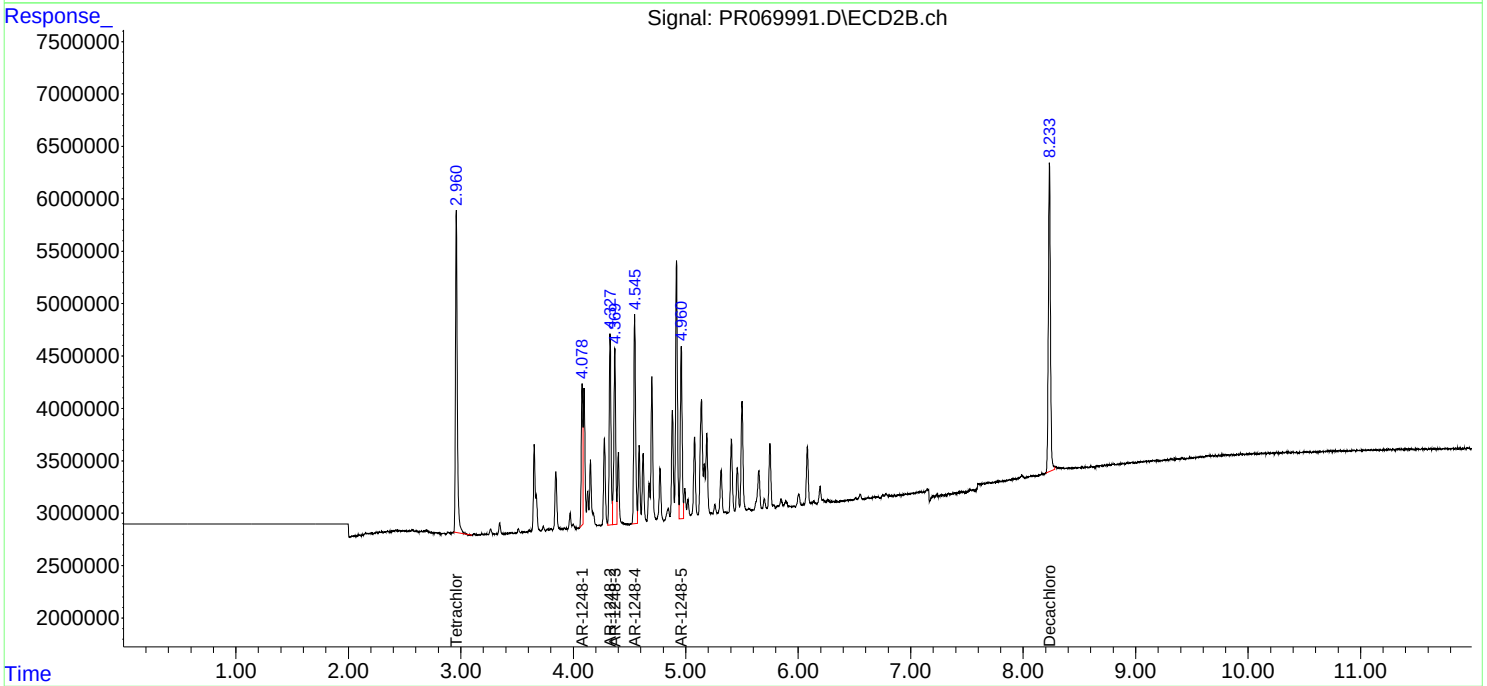
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:40
Operator : AJ\MA
Sample : AR1248ICC100
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12481244

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:55
Operator : AJ\MA
Sample : AR1248ICC200
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12482245

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	11529679	70552004	10.578	10.837
2)	SA Decachlor...	9.518	8.233	10918629	74277662	21.009	20.585
	Target Compounds						
21)	L5 AR-1248-1	4.849	4.078	3987360	24949033	225.363	220.509
22)	L5 AR-1248-2	5.139	4.327	6223415	38210850	224.820	228.917
23)	L5 AR-1248-3	5.351	4.369	7034670	38227622	220.384	231.885
24)	L5 AR-1248-4	5.784	4.545	6405538	44052030	221.202	231.008
25)	L5 AR-1248-5	5.823	4.960	6404368	35891536	209.806	208.073

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

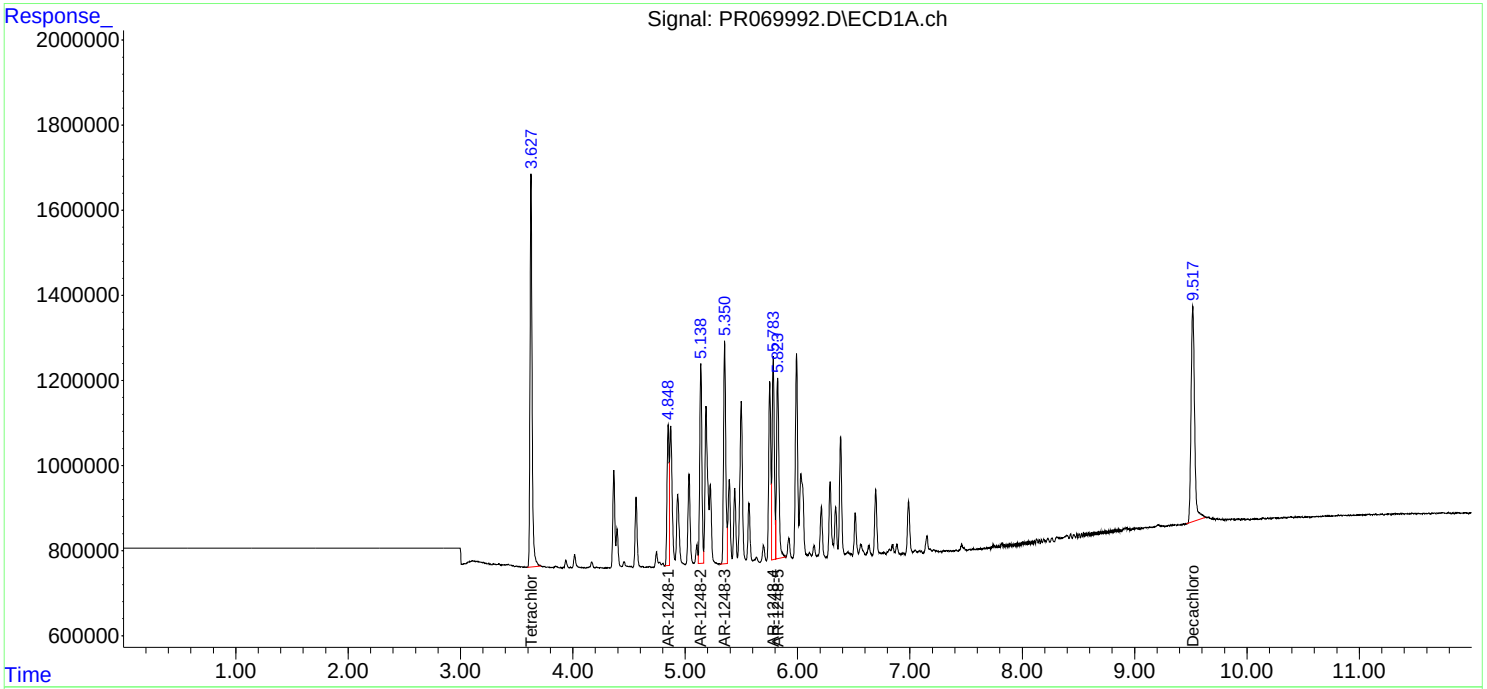
ICAL Form

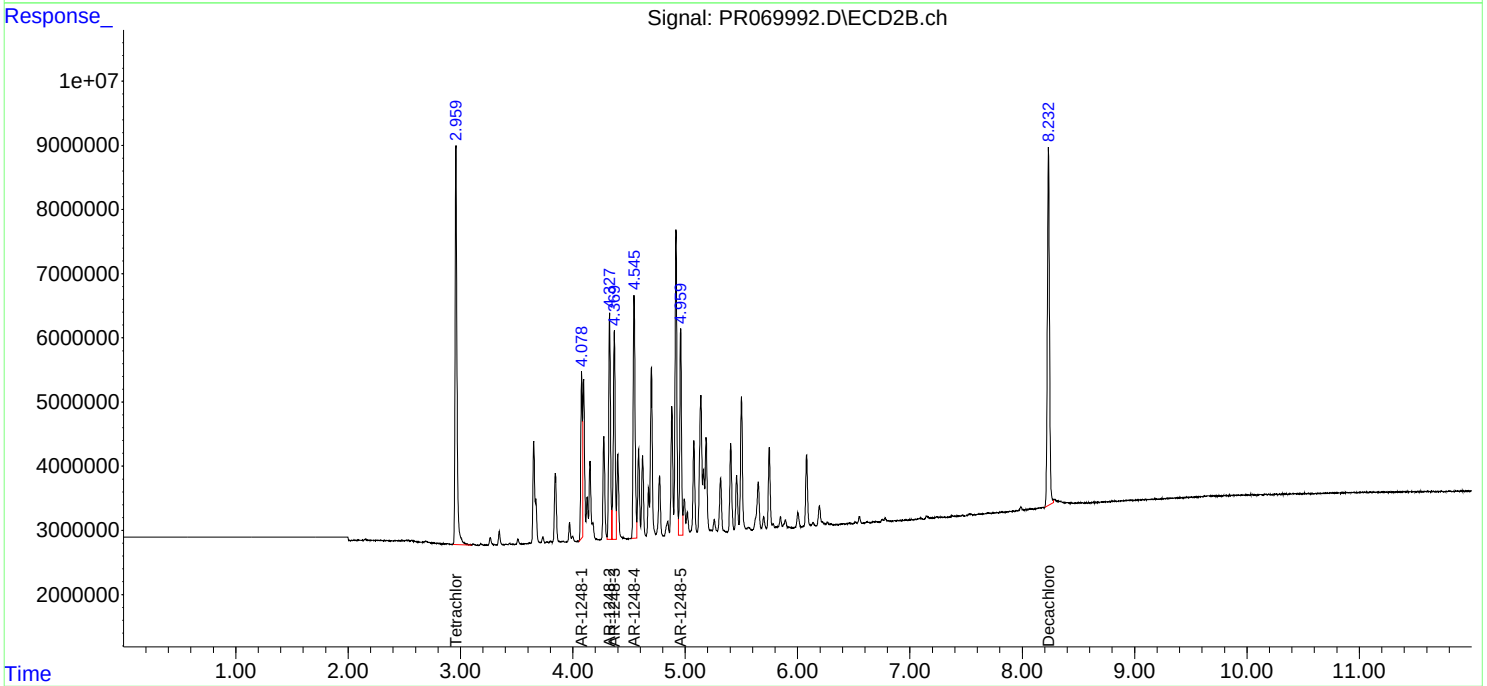
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 21:55
Operator : AJ\MA
Sample : AR1248ICC200
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12482245

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:09
Operator : AJ\MA
Sample : AR1248ICC400
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12483246

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	21798929	130.2E6	20.000	20.000
2)	SA Decachlor...	9.517	8.232	20788836	144.3E6	40.000	40.000
	Target Compounds						
21)	L5 AR-1248-1	4.848	4.078	7077237	45257255	400.000	400.000
22)	L5 AR-1248-2	5.139	4.327	11072729	66767916	400.000	400.000
23)	L5 AR-1248-3	5.351	4.369	12768026	65942390	400.000	400.000
24)	L5 AR-1248-4	5.784	4.545	11583166	76278036	400.000	400.000
25)	L5 AR-1248-5	5.823	4.959	12210060	68998101	400.000	400.000

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

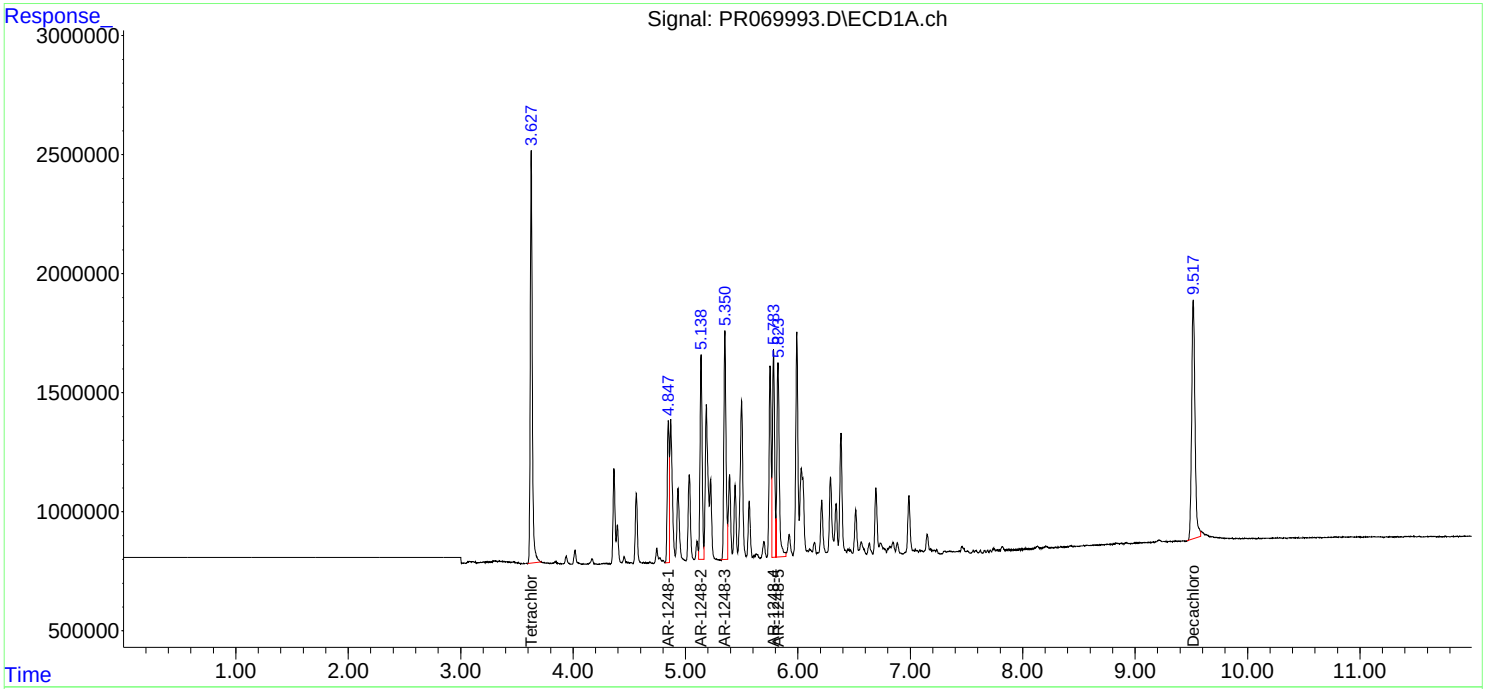
ICAL Form

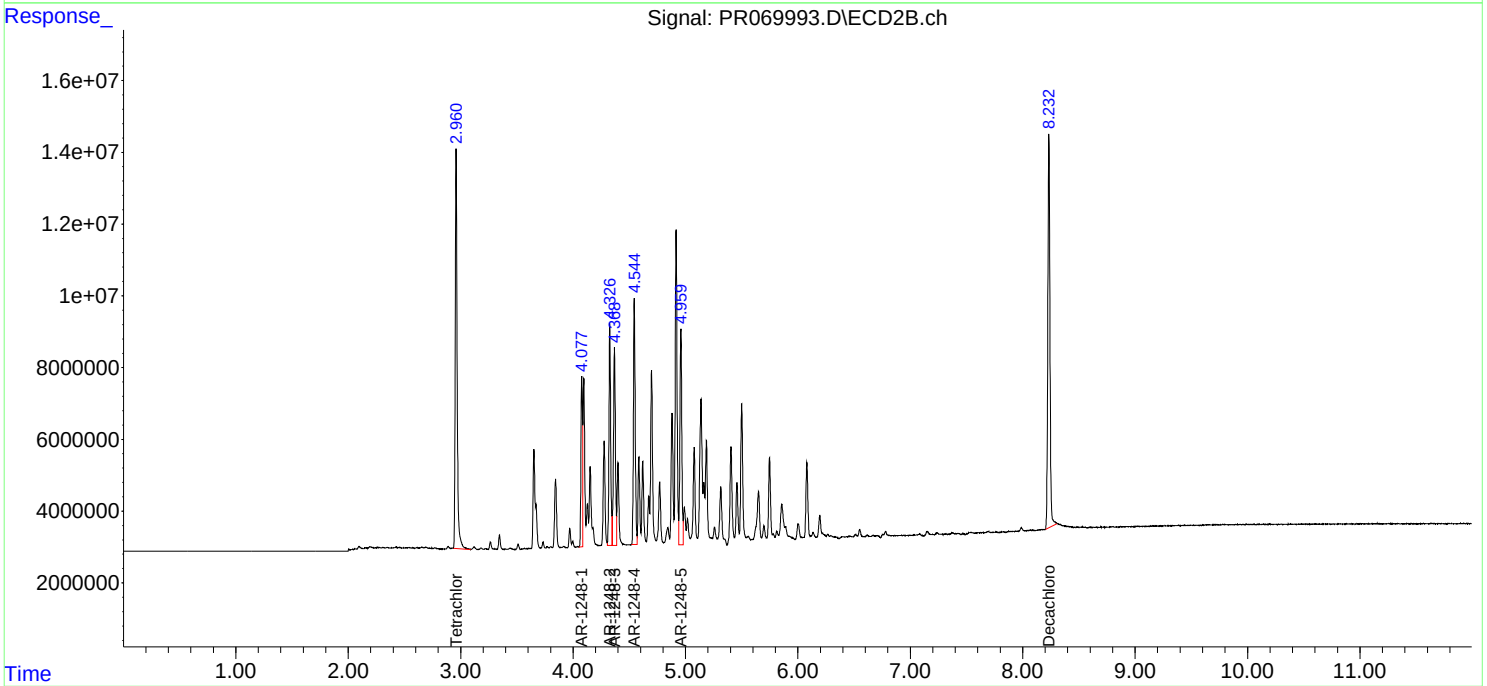
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:09
Operator : AJ\MA
Sample : AR1248ICC400
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12483246

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:06:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:24
Operator : AJ\MA
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12484247

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:07:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	42225920	252.8E6	38.741	38.836
2)	SA Decachlor...	9.516	8.231	39056277	270.9E6	75.149	75.087
	Target Compounds						
21)	L5 AR-1248-1	4.848	4.078	13614448	86245466	769.478	762.269
22)	L5 AR-1248-2	5.139	4.327	20447259	124.6E6	738.653	746.736
23)	L5 AR-1248-3	5.351	4.369	24012443	125.7E6	752.268	762.642
24)	L5 AR-1248-4	5.784	4.545	22830225	147.5E6	788.393	773.234
25)	L5 AR-1248-5	5.823	4.959	23884567	125.8E6	782.455	729.369

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

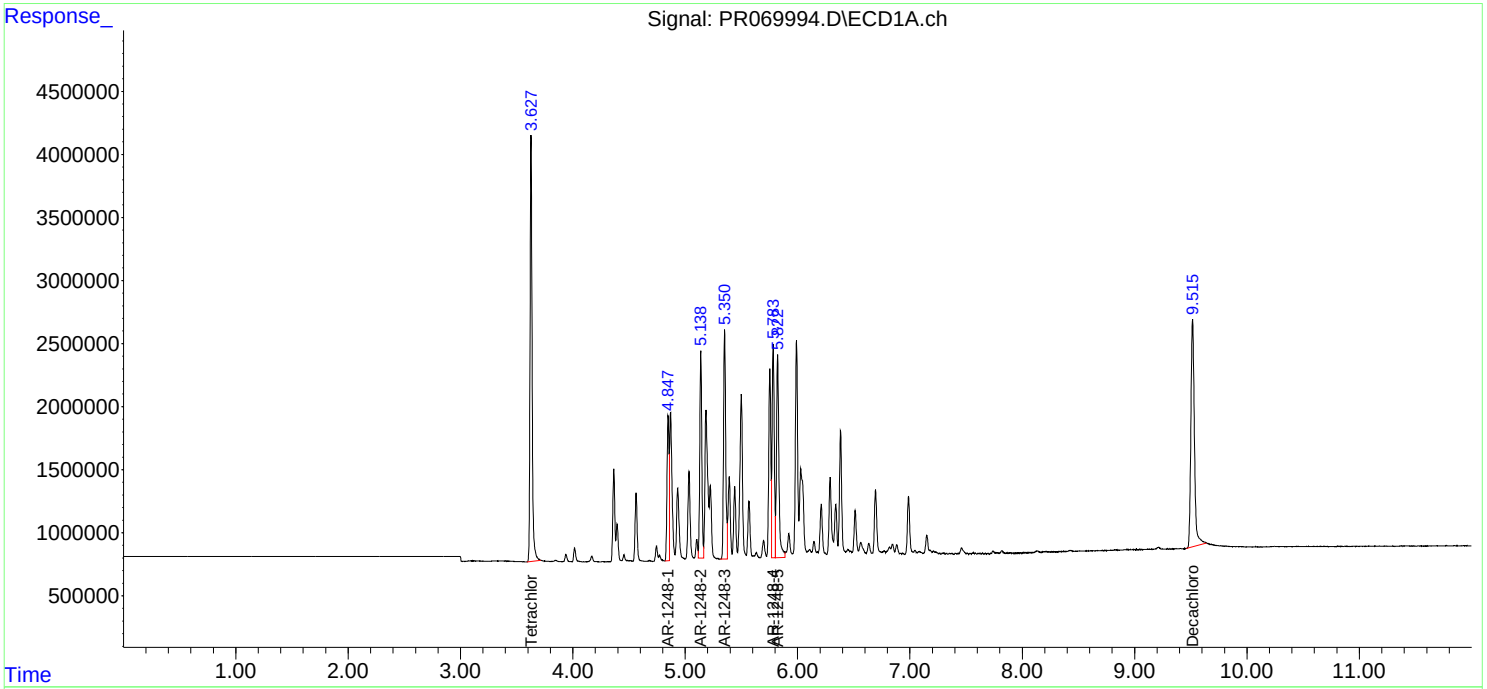
ICAL Form

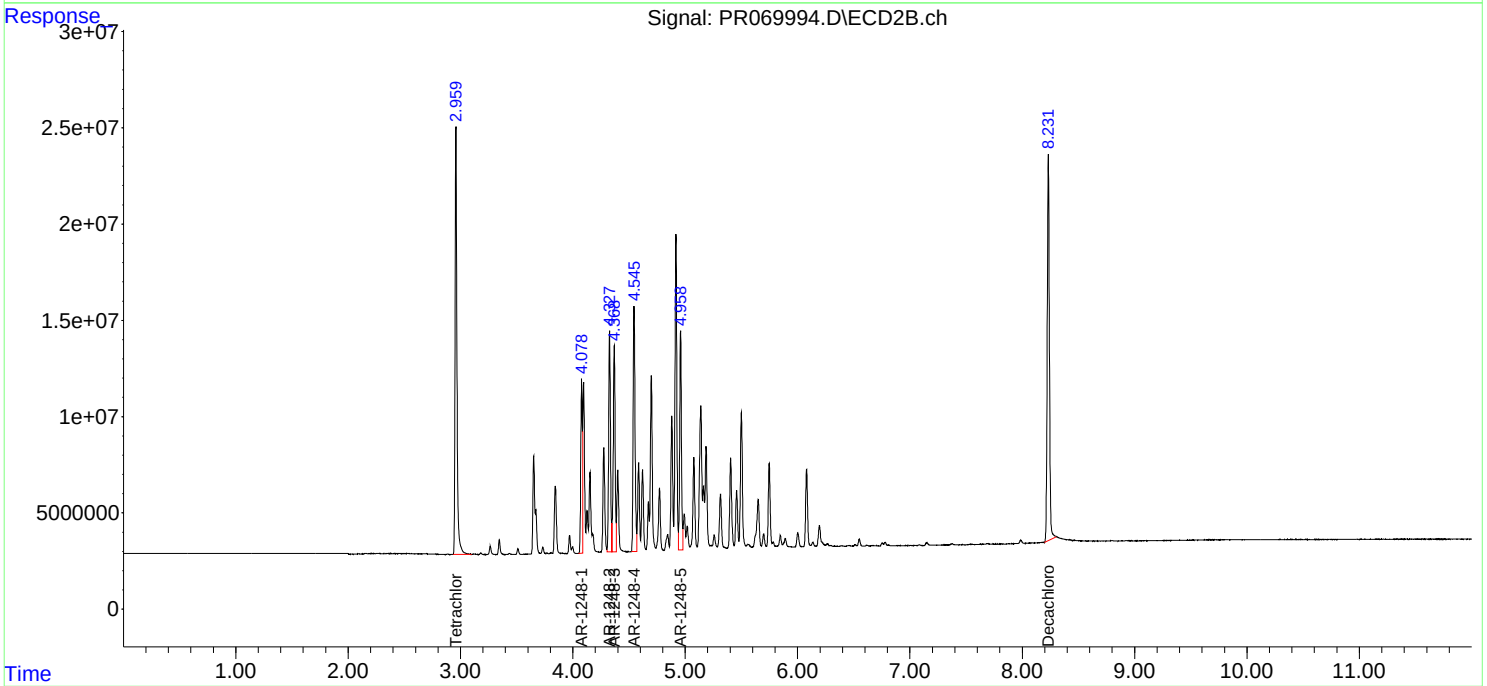
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:24
Operator : AJ\MA
Sample : AR1248ICC800
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12484247

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:07:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:39
Operator : AJ\MA
Sample : AR1248ICC1600
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12485248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:07:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	79720163	463.8E6	73.141	71.244
2)	SA Decachlor...	9.517	8.233	70920840	507.5E6	136.459	140.641
	Target Compounds						
21)	L5 AR-1248-1	4.848	4.078	24490396	155.8E6	1384.178	1376.808
22)	L5 AR-1248-2	5.139	4.327	36730276	223.2E6	1326.873	1337.108
23)	L5 AR-1248-3	5.351	4.369	43719520	225.5E6	1369.656	1367.771
24)	L5 AR-1248-4	5.784	4.545	42389527	267.4E6	1463.832	1402.400
25)	L5 AR-1248-5	5.823	4.960	44159995	231.1E6	1446.676	1339.630

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

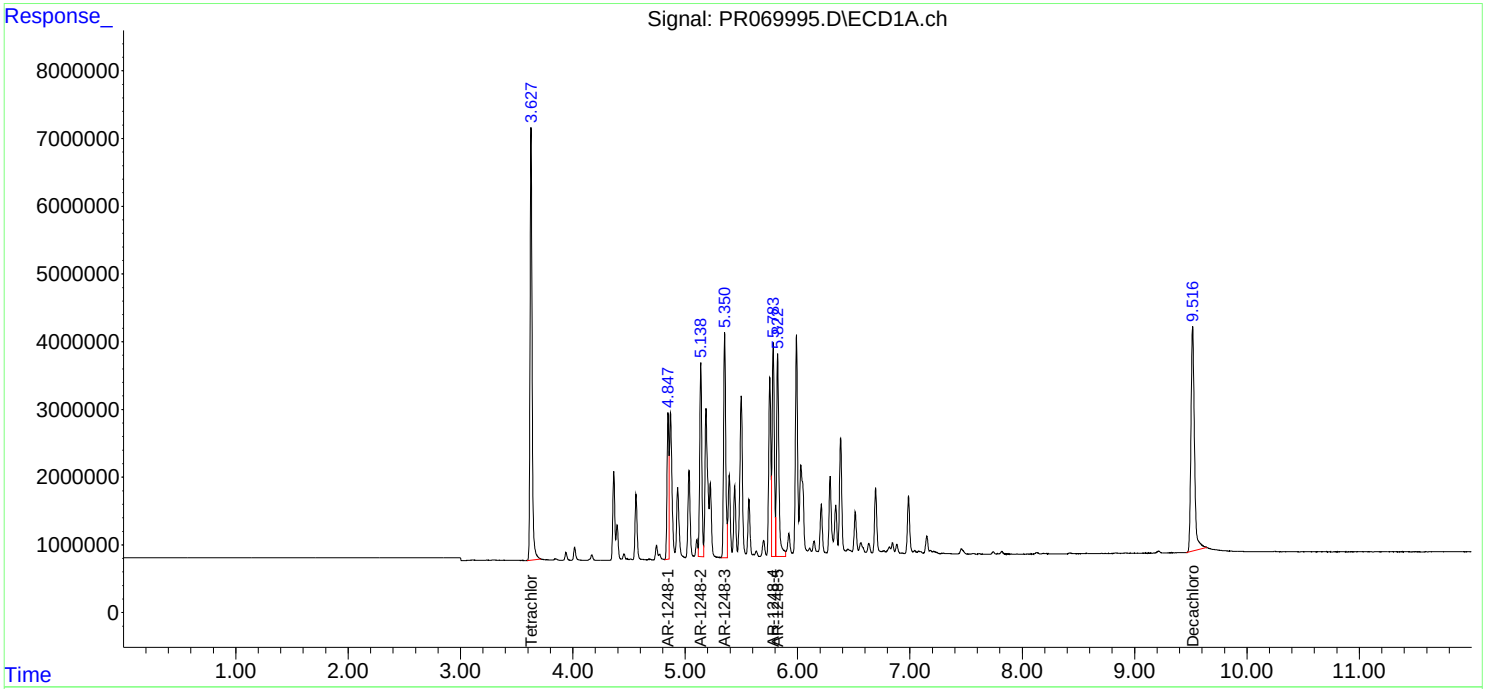
ICAL Form

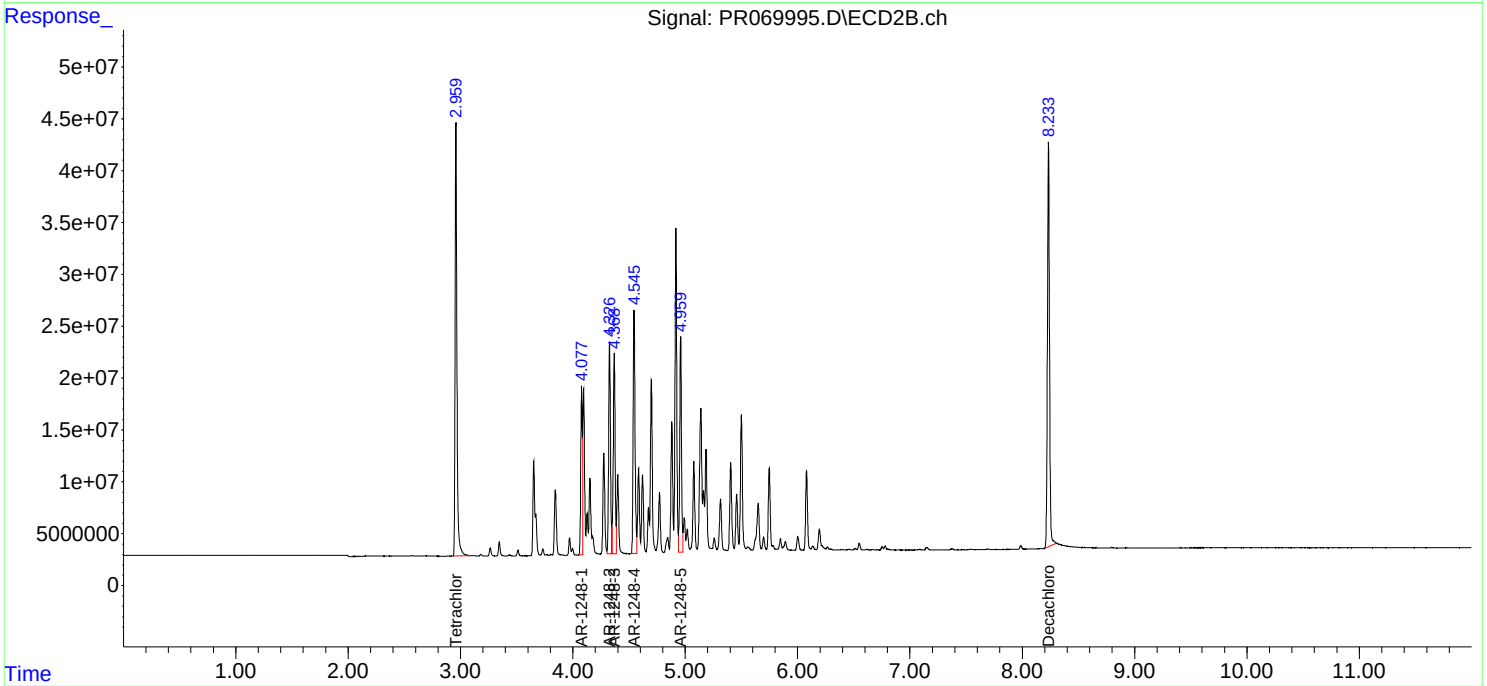
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:39
Operator : AJ\MA
Sample : AR1248ICC1600
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12485248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:07:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jan 17 23:56:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:53
Operator : AJ\MA
Sample : AR1254ICC100
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12541249

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:17:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	5723638	35085196	5.308	5.435
2)	SA Decachlor...	9.517	8.232	5497003	38066577	10.759	10.880
	Target Compounds						
26)	L6 AR-1254-1	5.754	4.917	4151329	31632324	115.065	114.309
27)	L6 AR-1254-2	5.991	5.078	6124855	27547524	114.226	115.028
28)	L6 AR-1254-3	6.383	5.501	5850395	39797796	112.478	111.468
29)	L6 AR-1254-4	6.694	5.749	3275410	20825233	106.501	109.636
30)	L6 AR-1254-5	7.150	6.194	3825485	33321202	103.971	110.587

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

Quantitation Report (QT Reviewed)

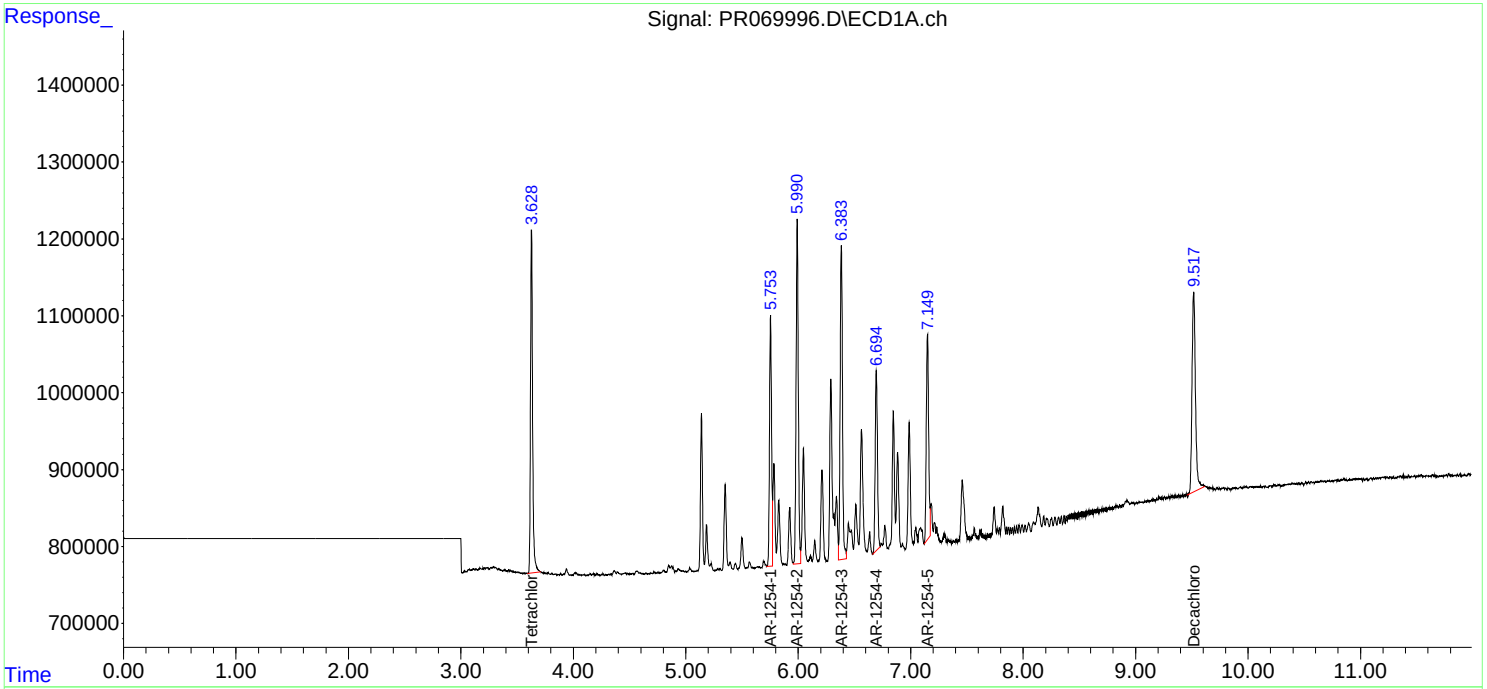
ICAL Form

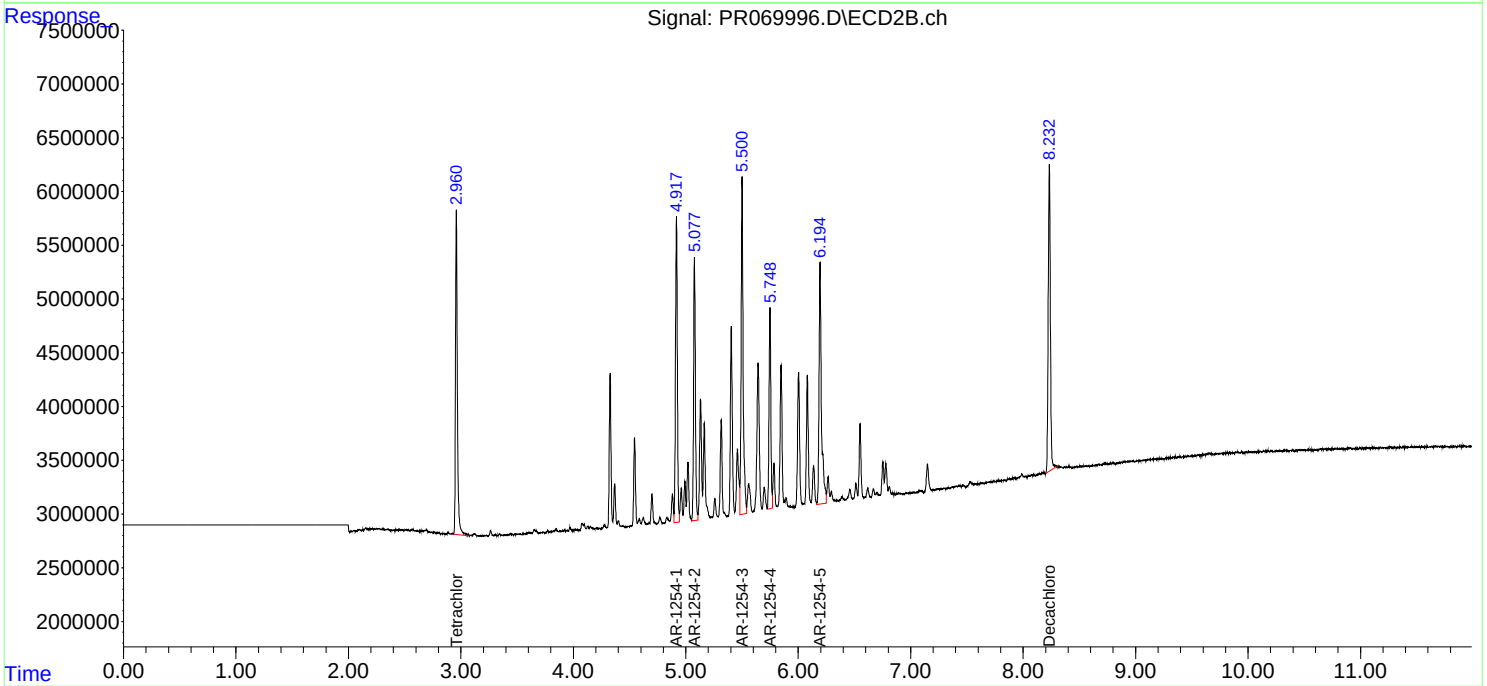
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 22:53
Operator : AJ\MA
Sample : AR1254ICC100
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12541249

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:17:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:08
Operator : AJ\MA
Sample : AR1254ICC200
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12542250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:17:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	11246936	68636909	10.429	10.632
2)	SA Decachlor...	9.517	8.232	10628039	73705195	20.802	21.066
	Target Compounds						
26)	L6 AR-1254-1	5.756	4.917	7764874	60097271	215.225	217.172
27)	L6 AR-1254-2	5.992	5.078	11447695	52161871	213.495	217.809
28)	L6 AR-1254-3	6.385	5.500	10954554	76336767	210.609	213.809
29)	L6 AR-1254-4	6.696	5.748	6535763	40480519	212.513	213.112
30)	L6 AR-1254-5	7.150	6.194	7676744	63955749	208.643	212.257

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

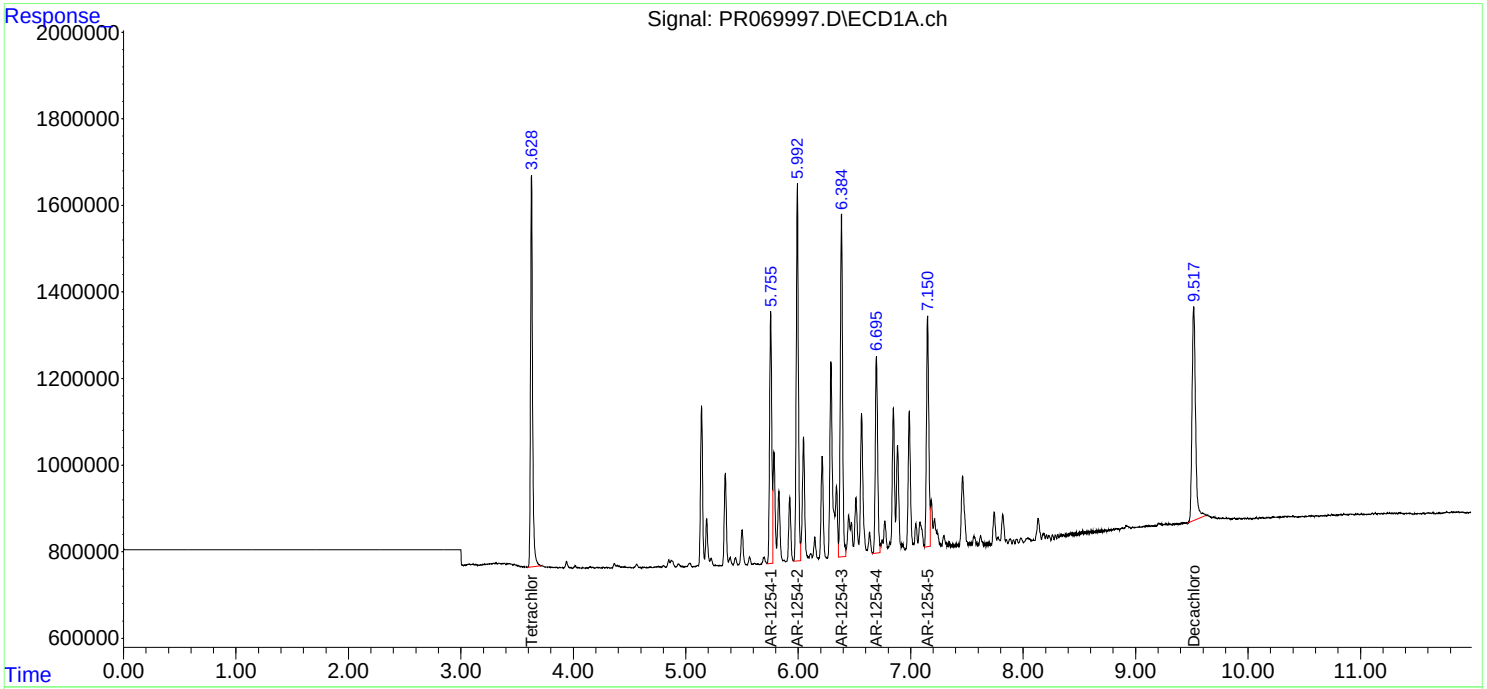
ICAL Form

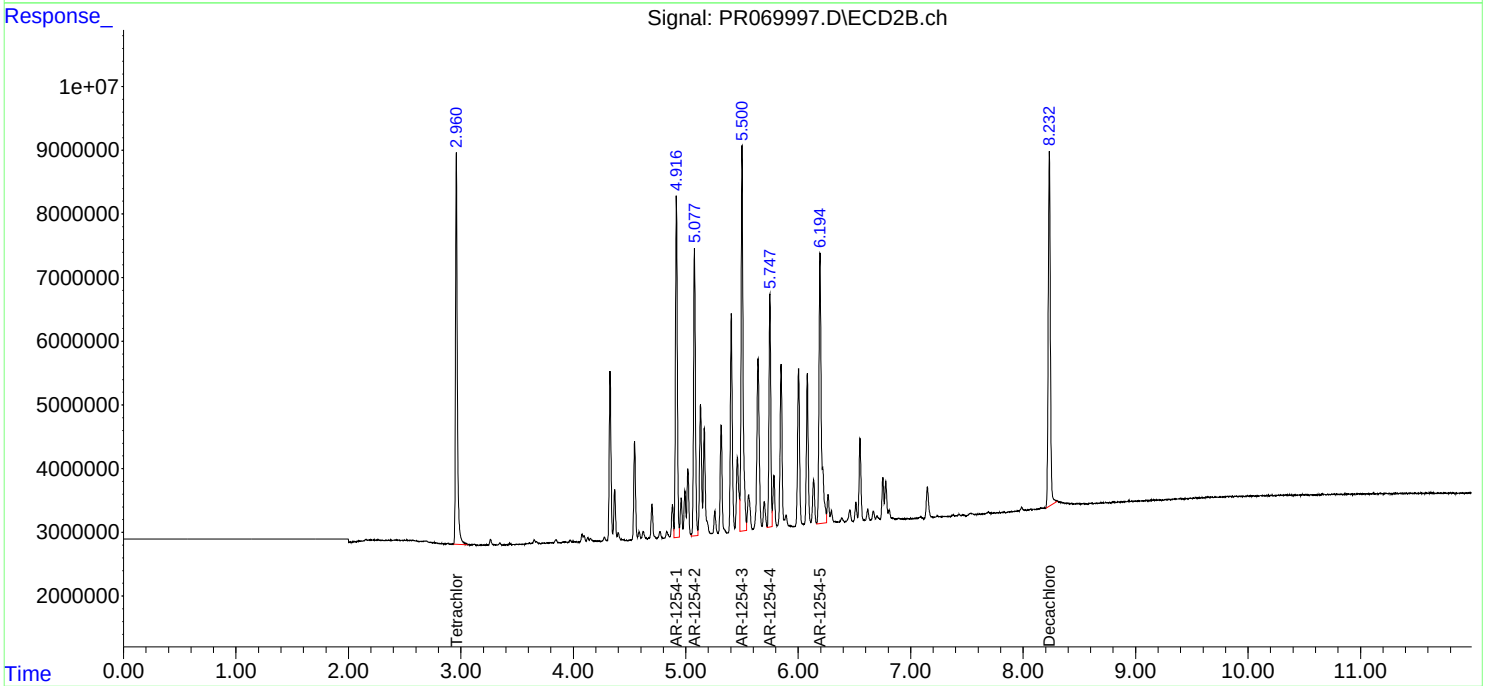
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:08
Operator : AJ\MA
Sample : AR1254ICC200
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12542250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:17:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:23
Operator : AJ\MA
Sample : AR1254ICC400
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12543201

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	21568052	129.1E6	20.000	20.000
2)	SA Decachlor...	9.516	8.231	20436682	140.0E6	40.000	40.000
	Target Compounds						
26)	L6 AR-1254-1	5.754	4.917	14431198	110.7E6	400.000	400.000
27)	L6 AR-1254-2	5.991	5.077	21448167	95793850	400.000	400.000
28)	L6 AR-1254-3	6.383	5.501	20805520	142.8E6	400.000	400.000
29)	L6 AR-1254-4	6.695	5.748	12301862	75979868	400.000	400.000
30)	L6 AR-1254-5	7.151	6.194	14717438	120.5E6	400.000	400.000

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

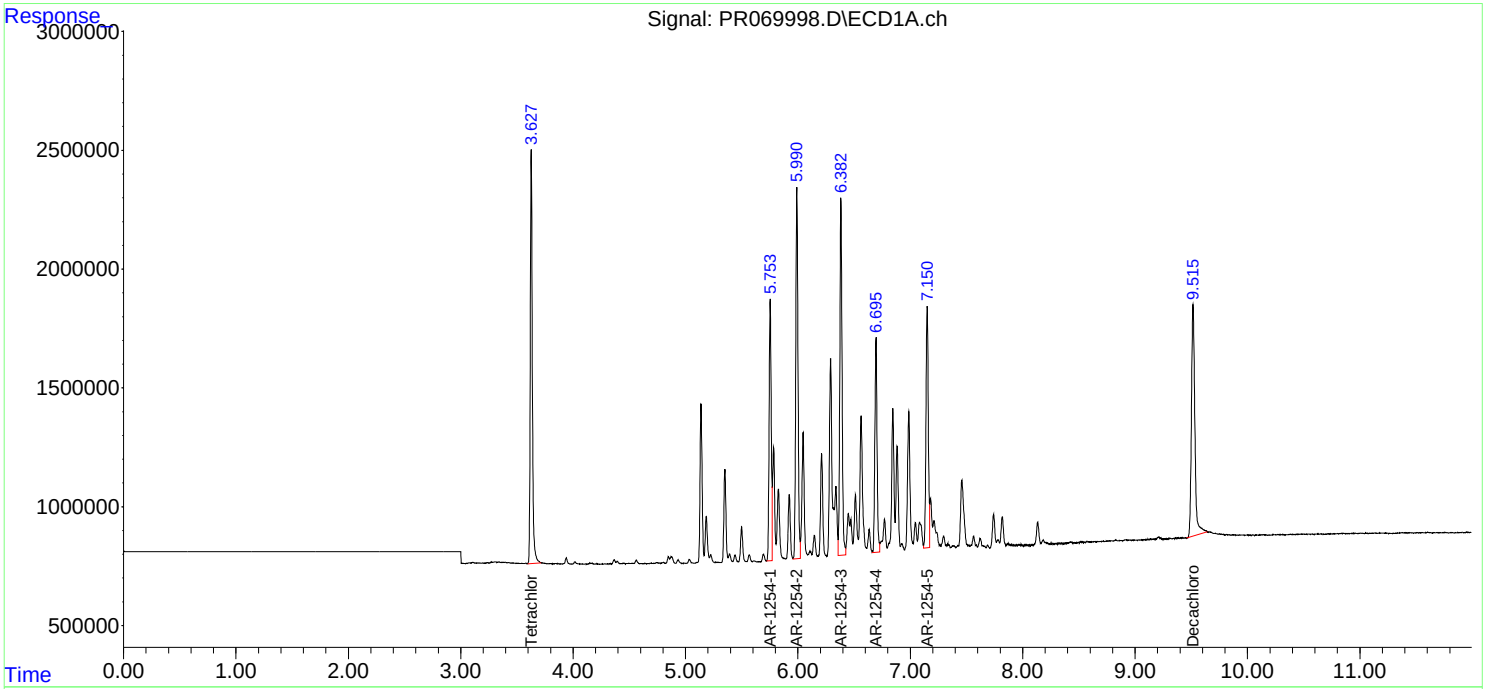
ICAL Form

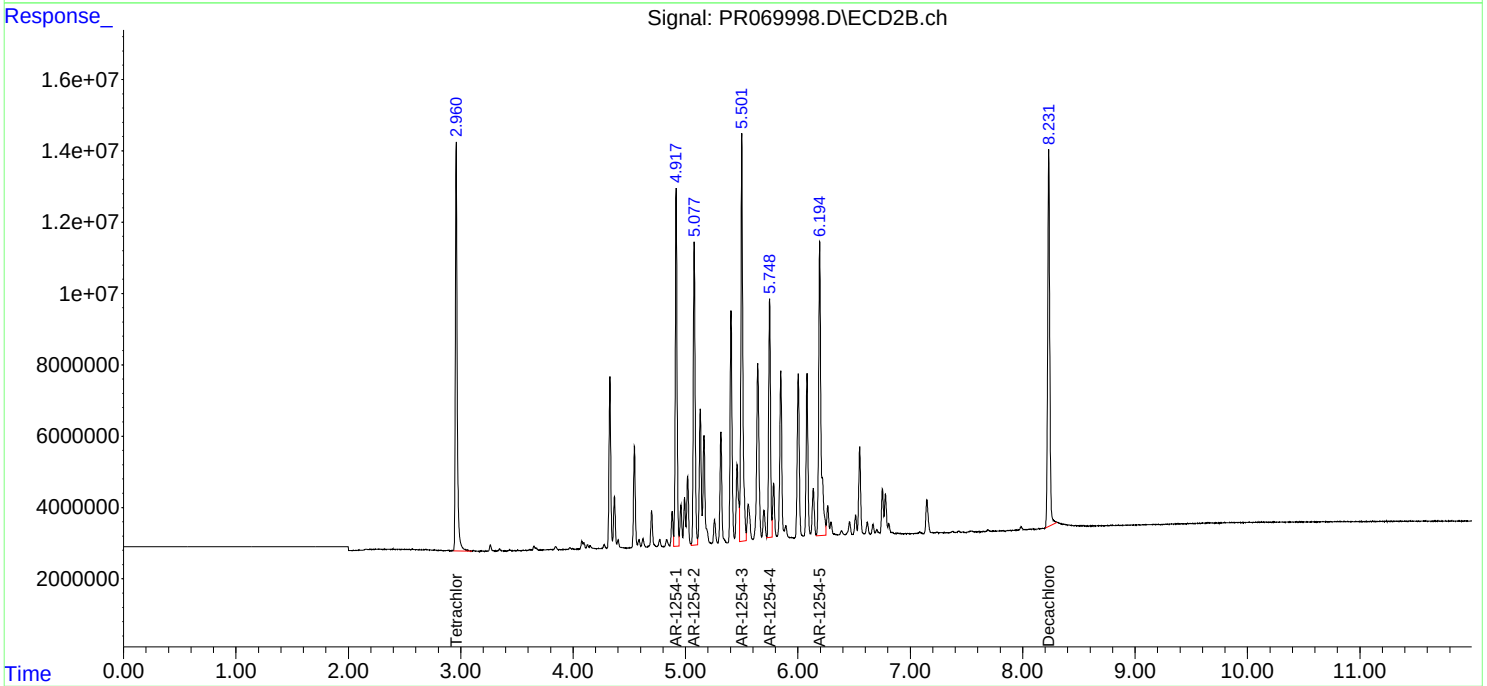
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:23
Operator : AJ\MA
Sample : AR1254ICC400
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12543201

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:37
Operator : AJ\MA
Sample : AR1254ICC800
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12544202

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	41793315	249.9E6	38.755	38.713
2)	SA Decachlor...	9.517	8.231	38320377	267.0E6	75.003	76.311
	Target Compounds						
26)	L6 AR-1254-1	5.754	4.917	26694088	206.6E6	739.899	746.418
27)	L6 AR-1254-2	5.991	5.077	39699277	178.1E6	740.376	743.557
28)	L6 AR-1254-3	6.382	5.500	39197503	270.5E6	753.598	757.645
29)	L6 AR-1254-4	6.694	5.748	23304817	143.1E6	757.766	753.418
30)	L6 AR-1254-5	7.149	6.194	27745822	232.7E6	754.094	772.411

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

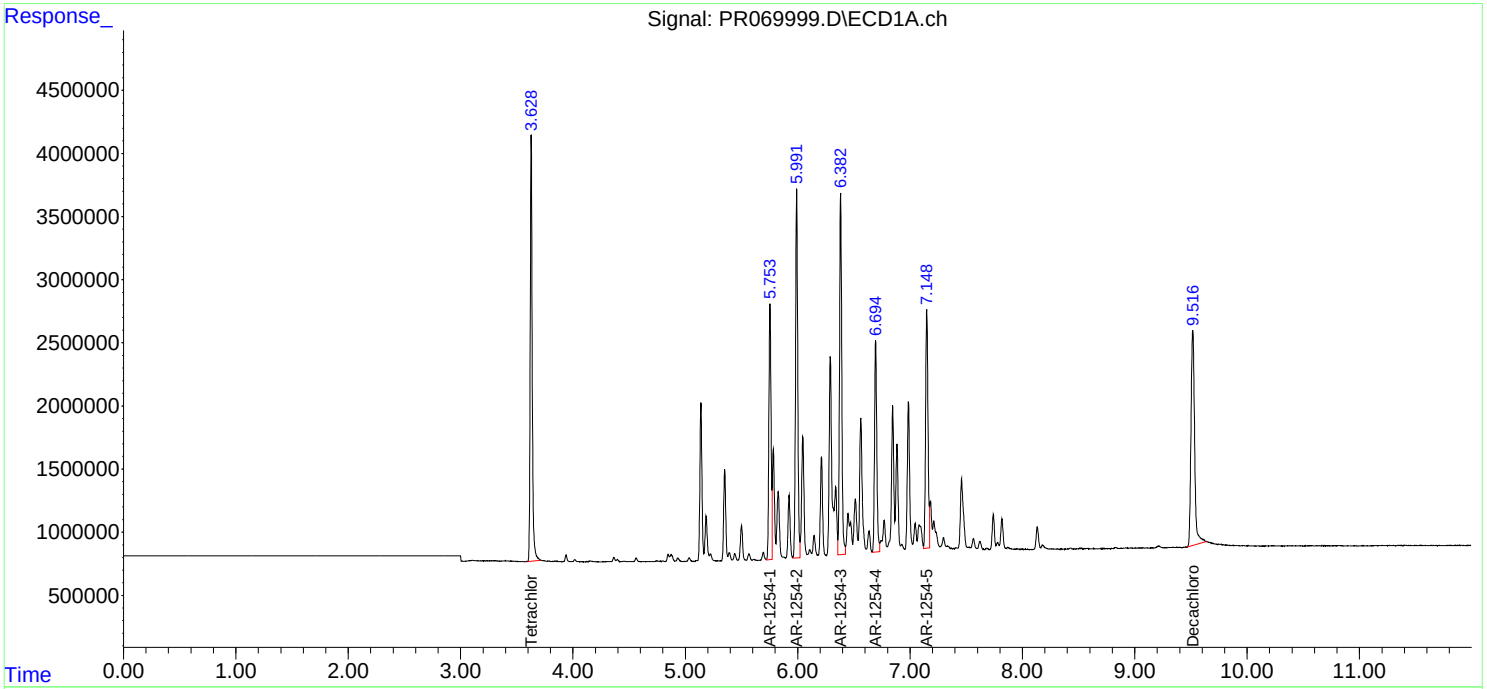
ICAL Form

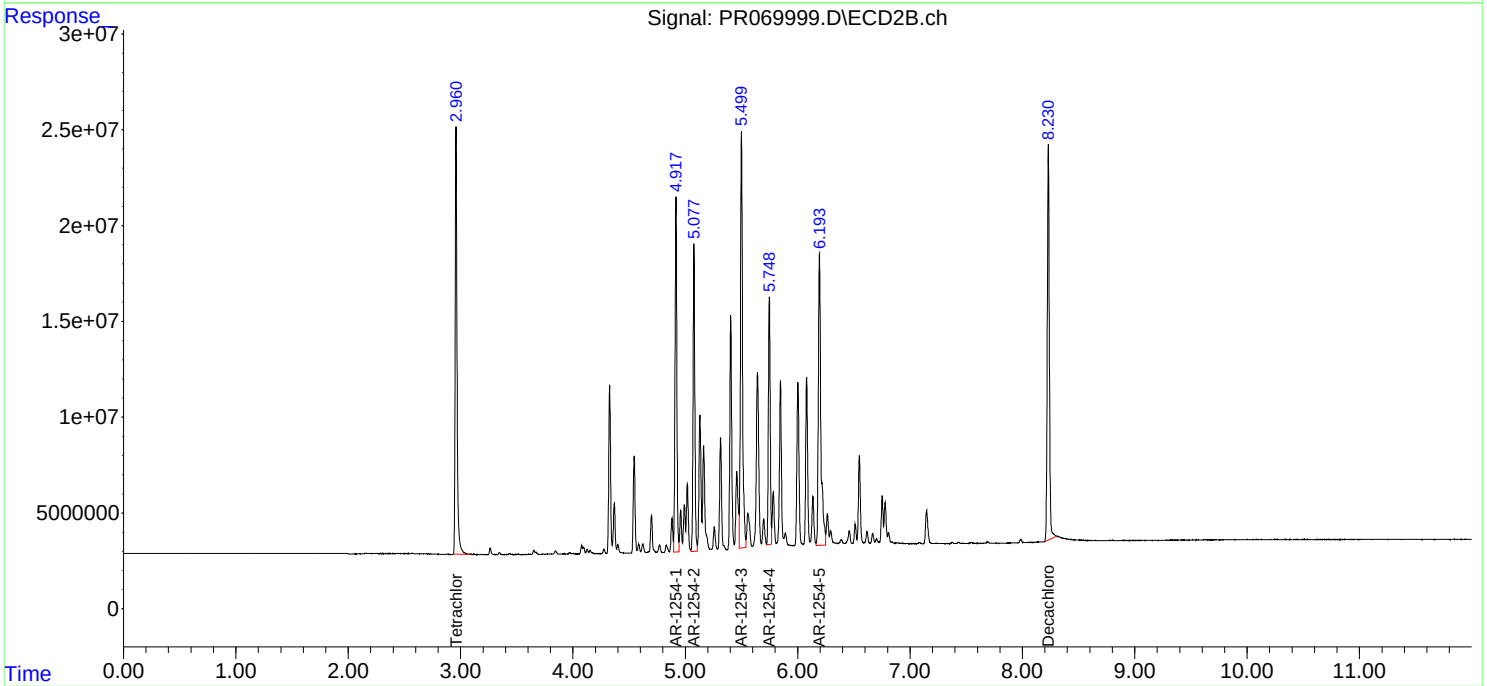
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:37
Operator : AJ\MA
Sample : AR1254ICC800
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12544202

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:52
Operator : AJ\MA
Sample : AR1254ICC1600
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12545203

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.628	2.960	81114147	472.6E6	75.217	73.212
2)	SA Decachlor...	9.516	8.232	72235684	516.4E6	141.384	147.605
	Target Compounds						
26)	L6 AR-1254-1	5.755	4.917	50019303	385.6E6	1386.421	1393.352
27)	L6 AR-1254-2	5.991	5.077	75276504	331.2E6	1403.878	1382.863
28)	L6 AR-1254-3	6.384	5.501	76349983	512.8E6	1467.879	1436.270
29)	L6 AR-1254-4	6.695	5.748	46189827	274.9E6	1501.881	1447.439
30)	L6 AR-1254-5	7.149	6.195	55736634	448.6E6	1514.846	1488.895

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

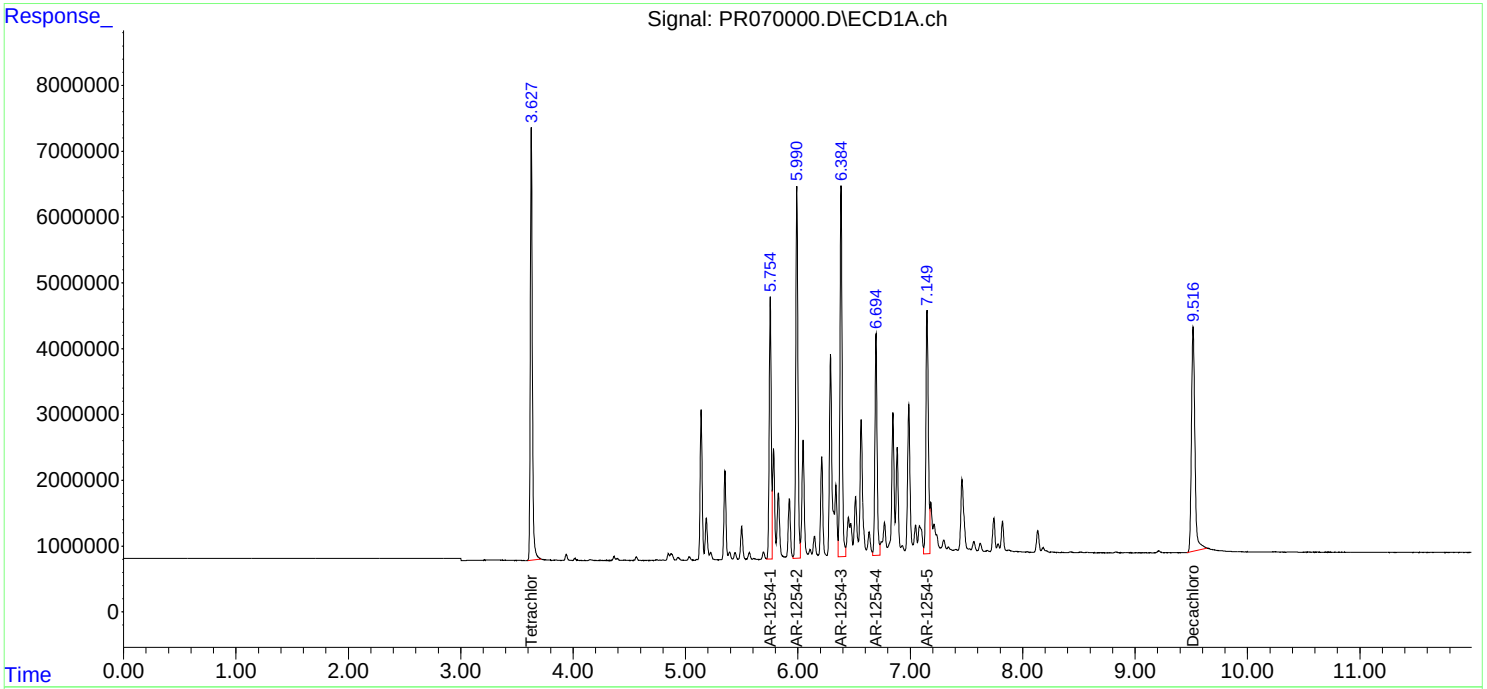
ICAL Form

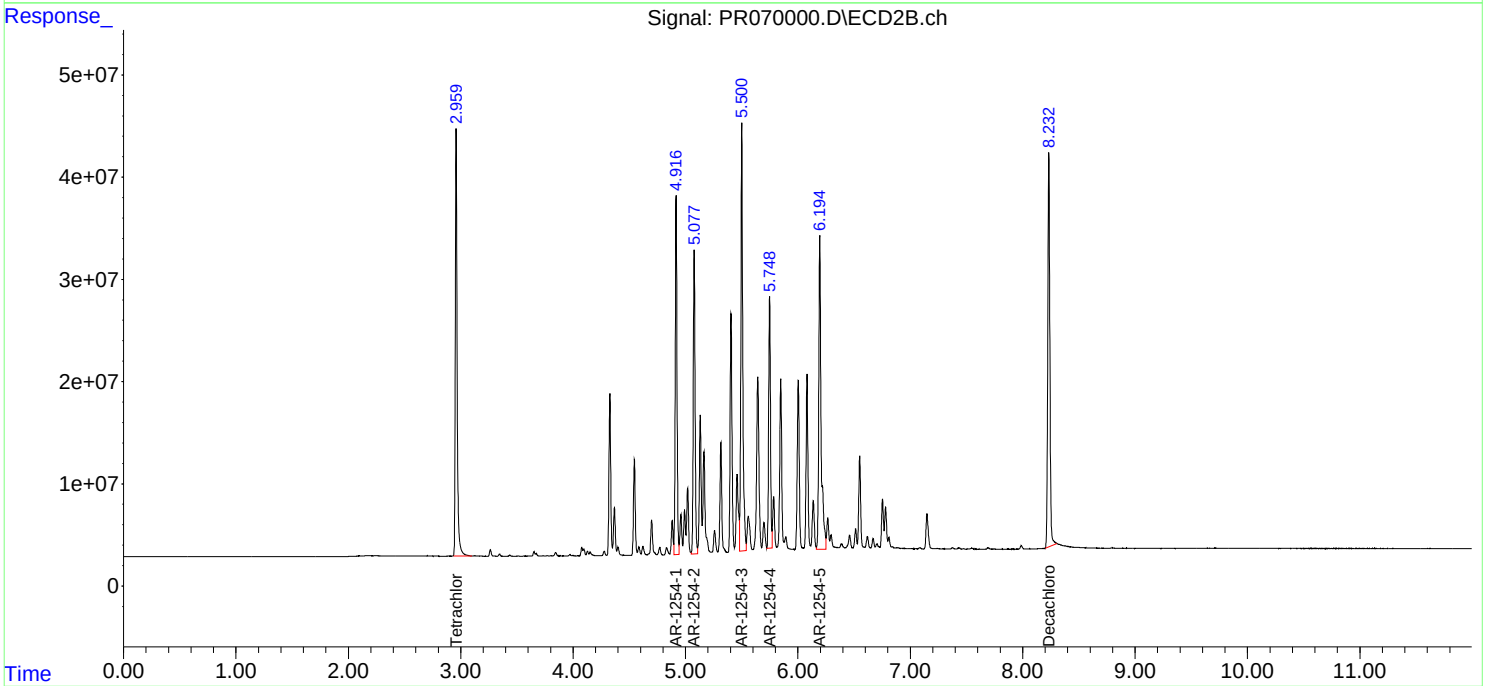
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 23:52
Operator : AJ\MA
Sample : AR1254ICC1600
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12545203

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:15:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:07
Operator : AJ\MA
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12621204

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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...	3.628	2.960	5903043	35400032	5.478	5.485
2)	SA Decachlor...	9.516	8.232	5332641	38323950	10.243	10.735
	Target Compounds						
36)	L8 AR-1262-1	7.236	6.239	5646437	37256739	106.382	111.282
37)	L8 AR-1262-2	7.818	6.780	7633503	57003065	107.911	105.098
38)	L8 AR-1262-3	8.125	7.085	5449590	24621021	108.021m	108.355
39)	L8 AR-1262-4	8.207	7.154	4069666	43843110	99.682	105.715
40)	L8 AR-1262-5	8.833	7.691	2347784	18909692	100.925	104.160

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:07
Operator : AJ\MA
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

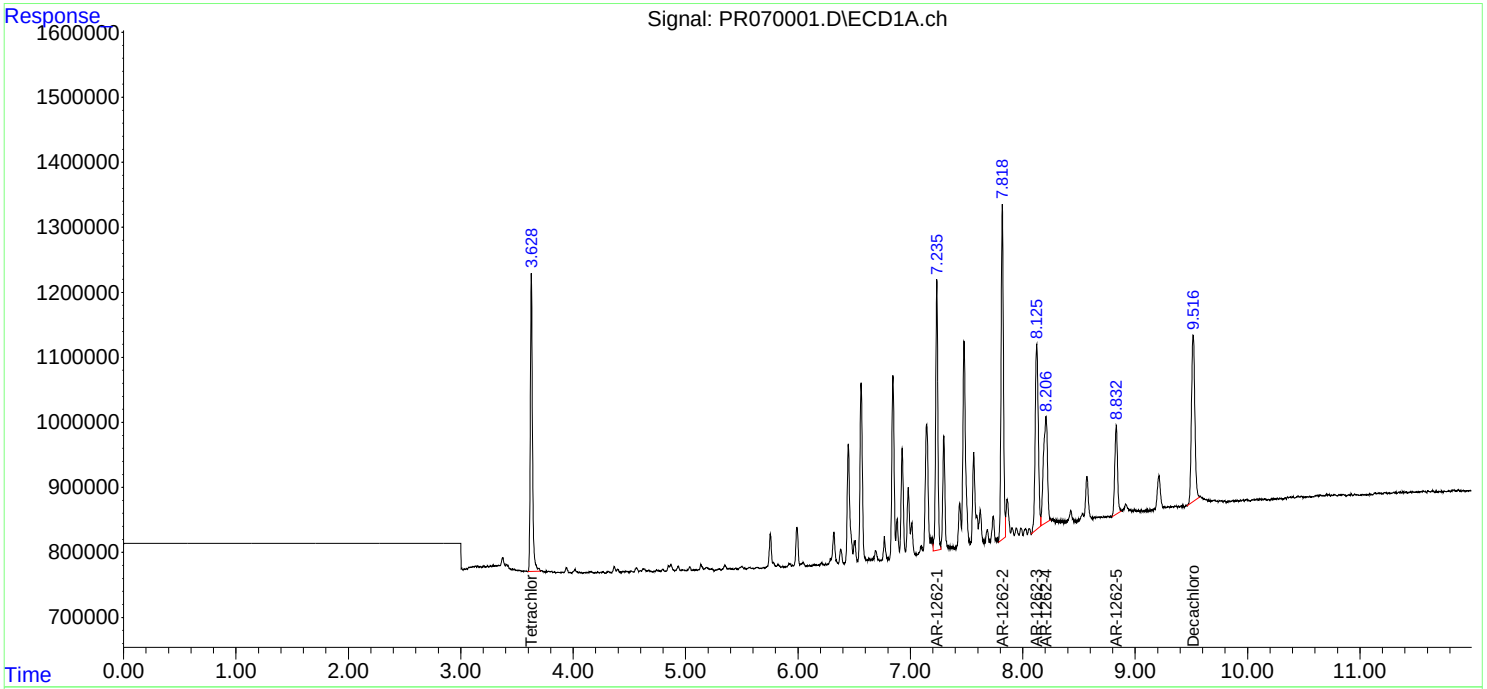
Instrument :
ECD_R
ClientSampleId :
AR12621204

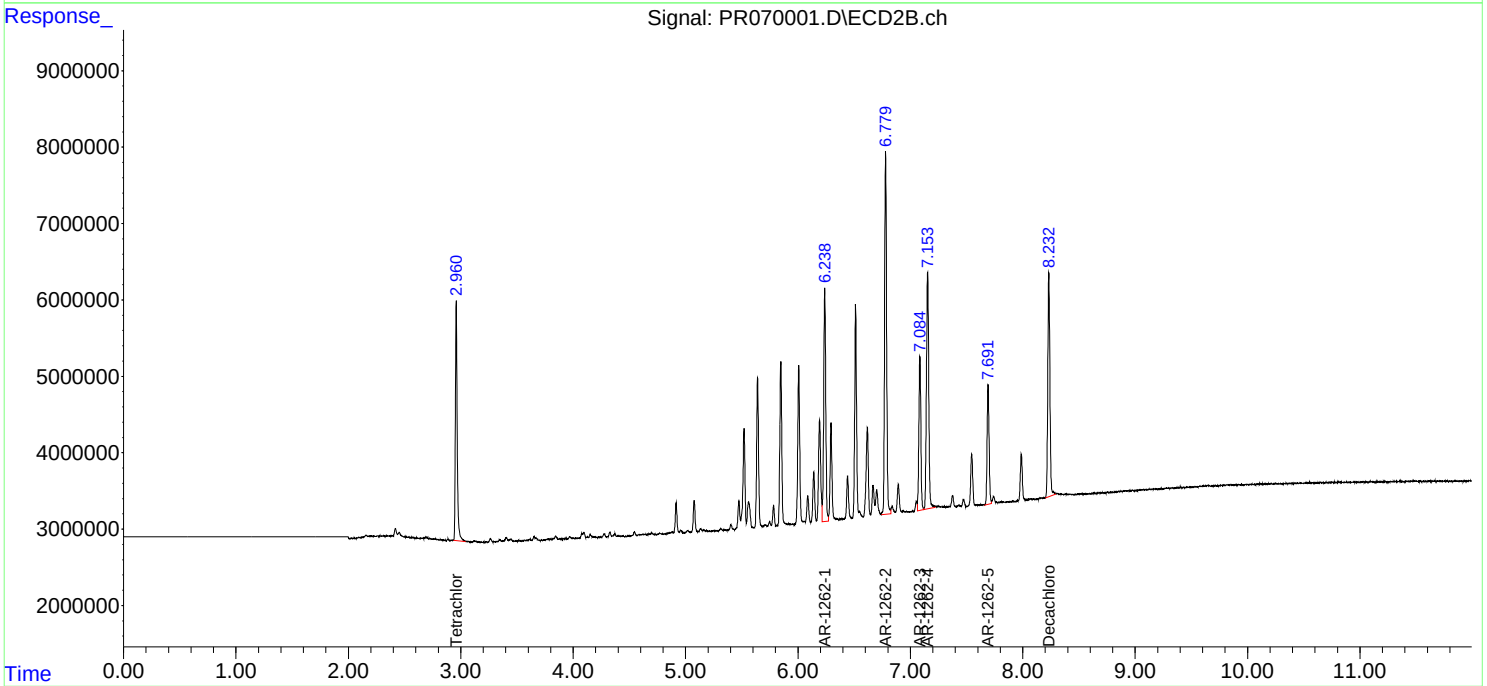
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:07
Operator : AJ\MA
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

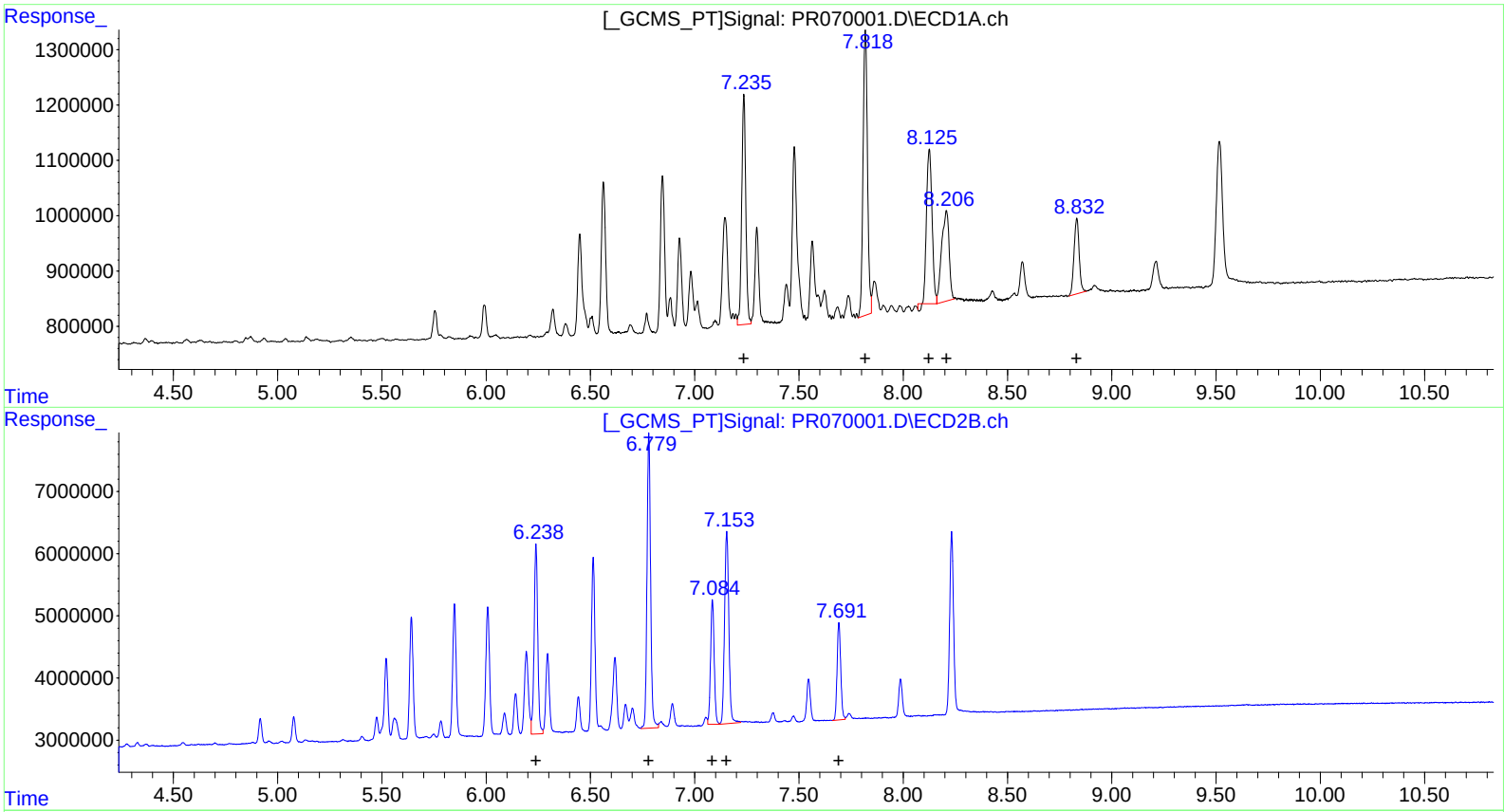
Instrument :
ECD_R
LabSampleId :
AR1262ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	5646437	106.38
7.82	7633503	107.91
8.13	5363790	106.32
8.21	4069666	99.68
8.83	2347784	100.92

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	37256739	111.28
6.78	57003065	105.10
7.08	24621021	108.36
7.15	43843110	105.71
7.69	18909692	104.16

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:07
Operator : AJ\MA
Sample : AR1262ICC100
Misc :
ALS Vial : 33 Sample Multiplier: 1

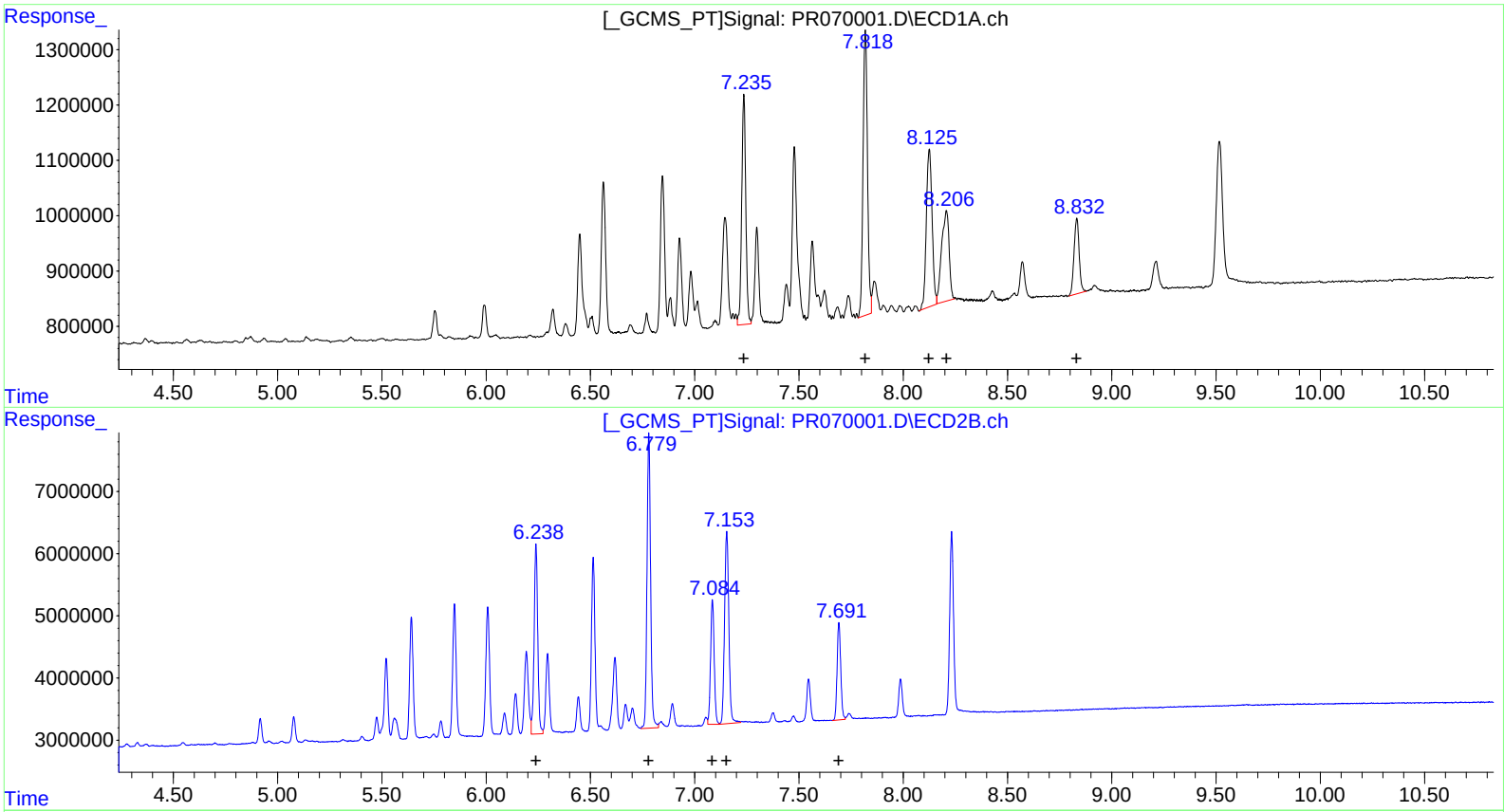
Instrument :
ECD_R
LabSampleId :
AR1262ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	5646437	106.38
7.82	7633503	107.91
8.12	5449590	108.02
8.21	4069666	99.68
8.83	2347784	100.92

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	37256739	111.28
6.78	57003065	105.10
7.08	24621021	108.36
7.15	43843110	105.71
7.69	18909692	104.16

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:21
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12622205

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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...	3.628	2.960	11319550	68744009	10.505	10.651
2)	SA Decachlor...	9.516	8.231	10798408	74561059	20.742	20.885
	Target Compounds						
36)	L8 AR-1262-1	7.236	6.238	10017122	70947808	188.727	211.913
37)	L8 AR-1262-2	7.819	6.779	14765586	111.7E6	208.733	205.913
38)	L8 AR-1262-3	8.124	7.084	10226407	47880014	202.706m	210.716
39)	L8 AR-1262-4	8.210	7.152	7991829	85612781	195.750	206.430
40)	L8 AR-1262-5	8.831	7.691	4528574	37446690	194.671	206.267

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:21
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

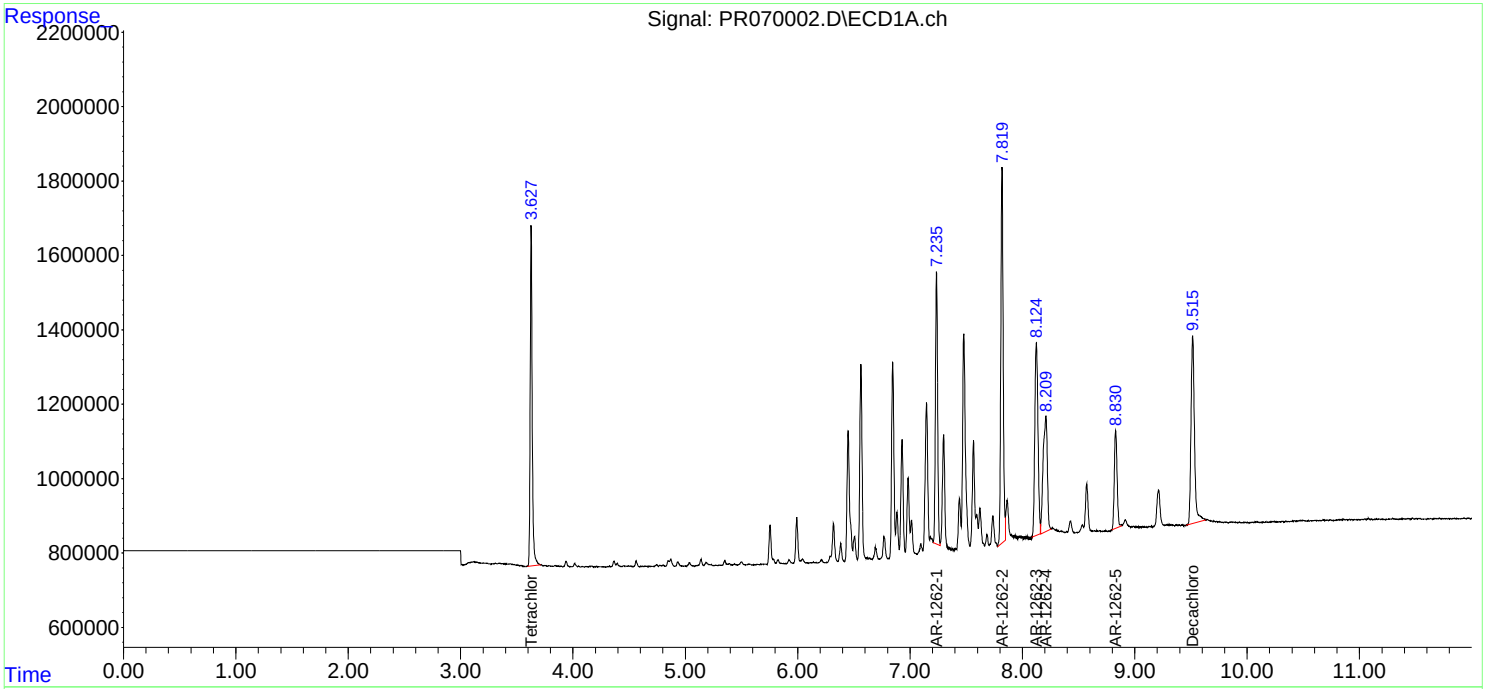
Instrument :
ECD_R
ClientSampleId :
AR12622205

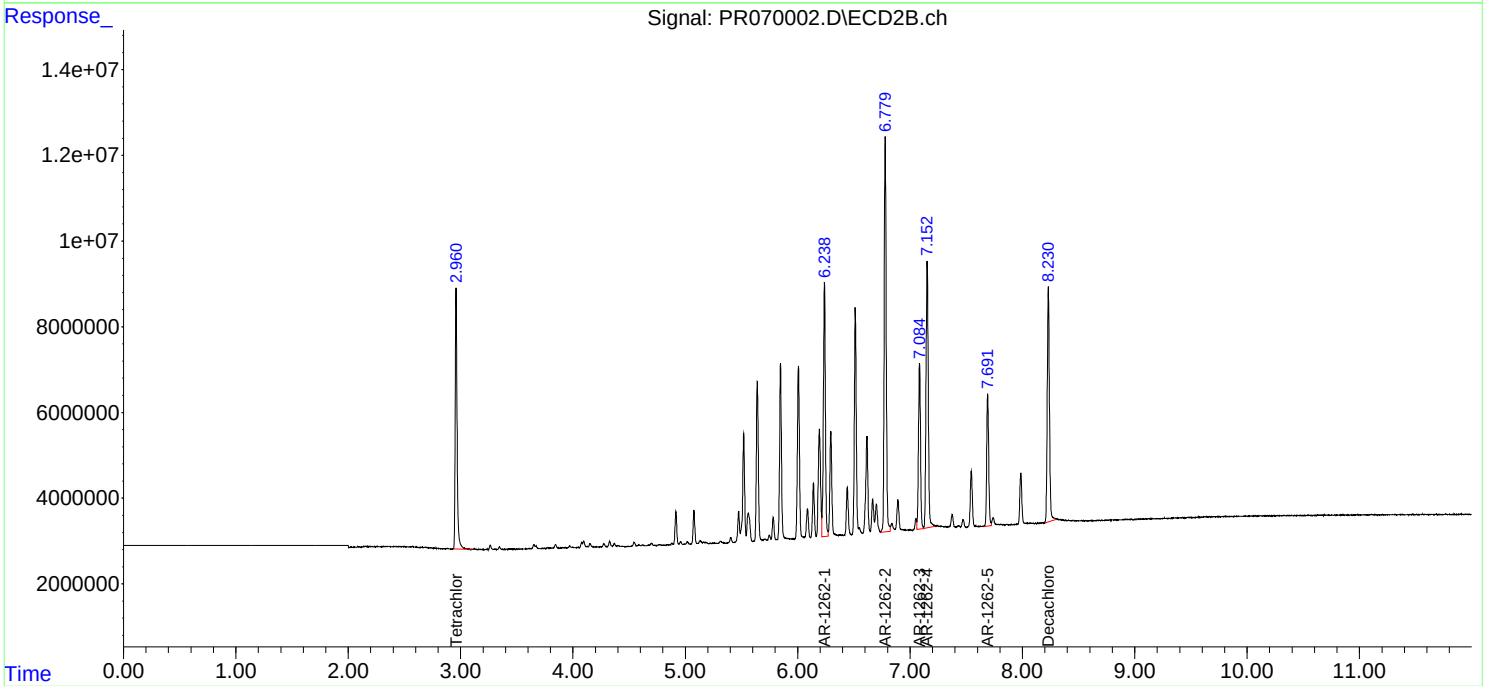
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:21
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

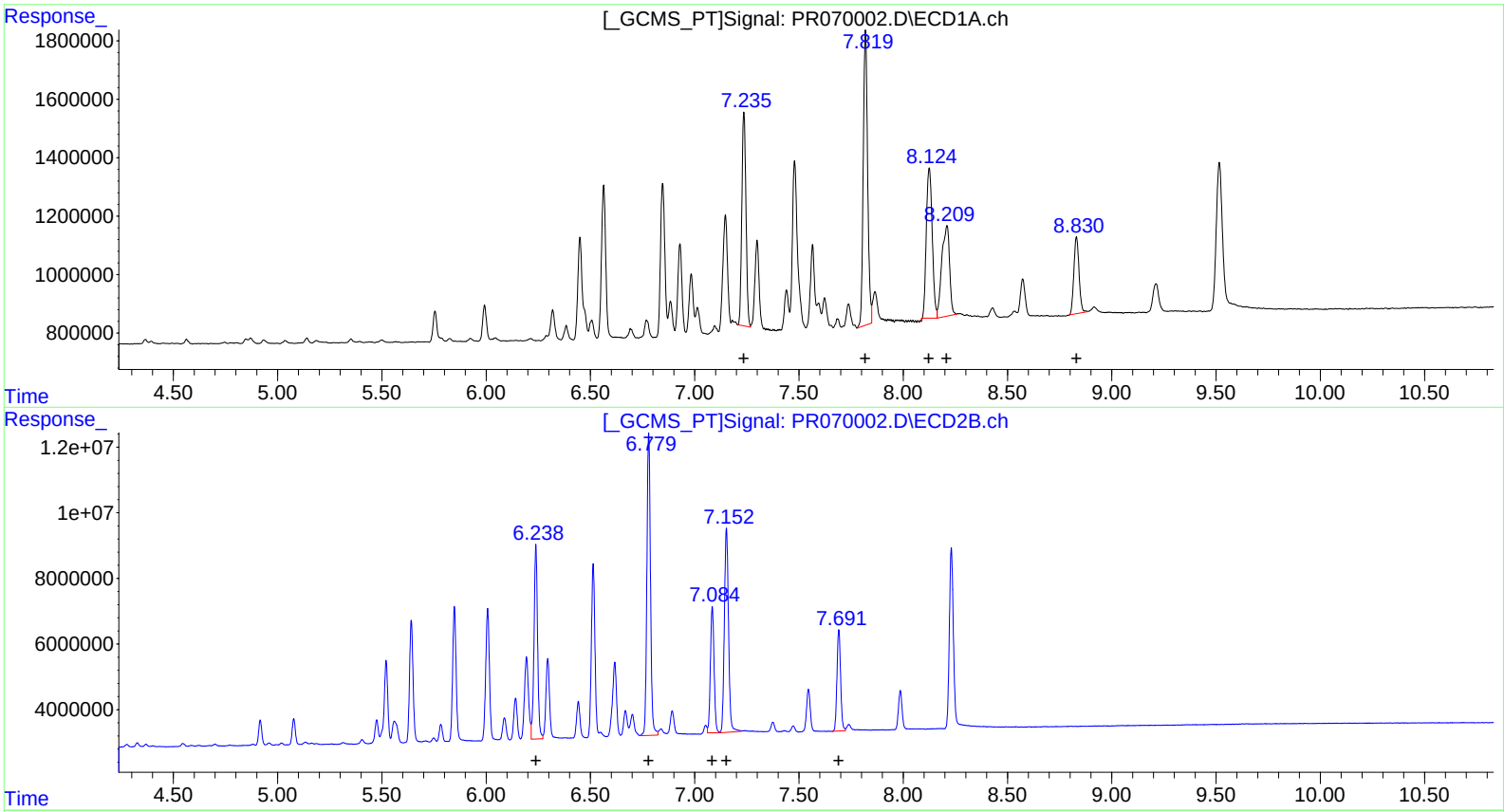
Instrument :
ECD_R
LabSampleId :
AR1262ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	10017122	188.73
7.82	14765586	208.73
8.12	10359377	205.34
8.21	7991829	195.75
8.83	4528574	194.67

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	70947808	211.91
6.78	111683249	205.91
7.08	47880014	210.72
7.15	85612781	206.43
7.69	37446690	206.27

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:21
Operator : AJ\MA
Sample : AR1262ICC200
Misc :
ALS Vial : 34 Sample Multiplier: 1

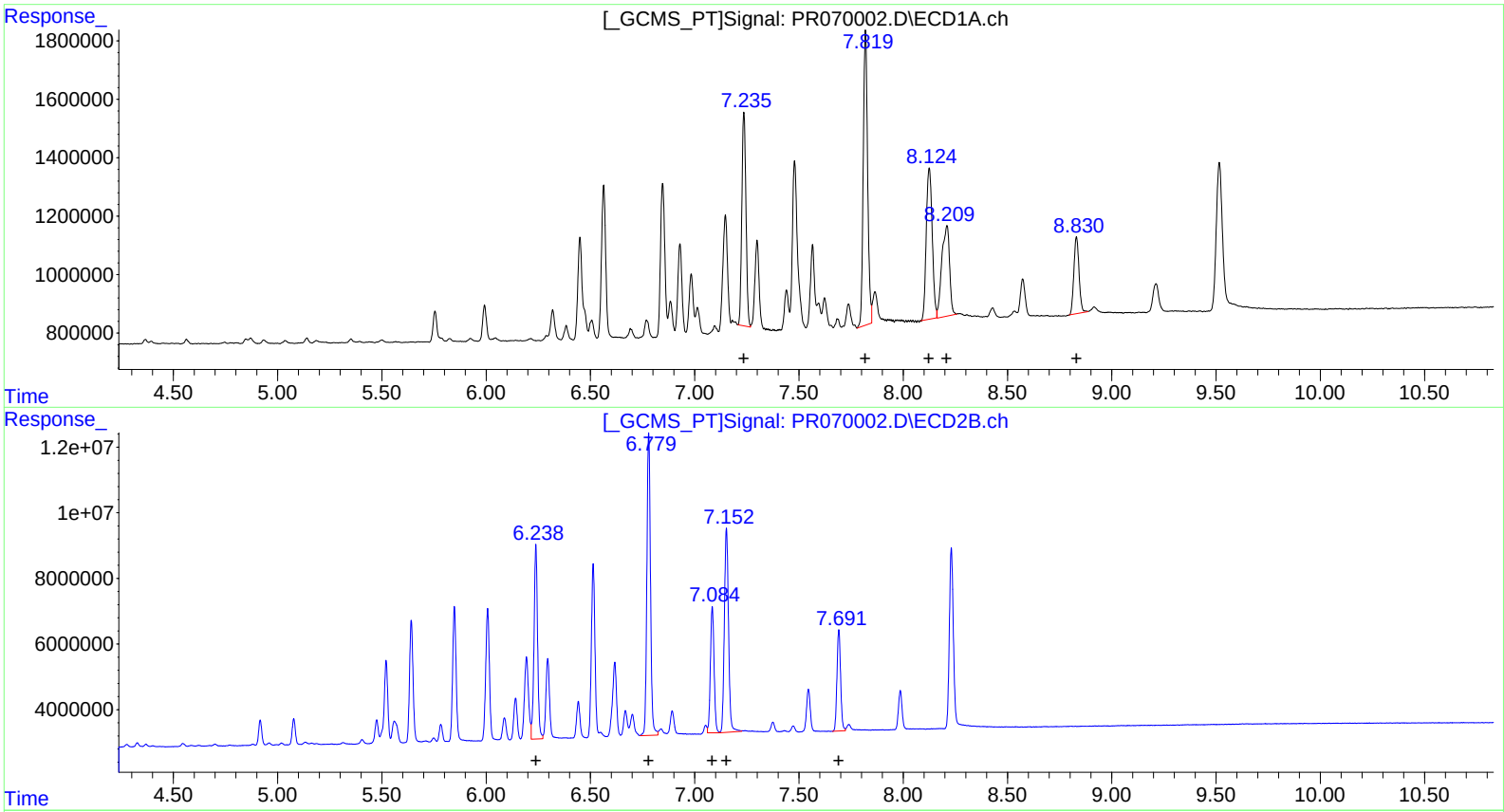
Instrument :
ECD_R
LabSampleId :
AR1262ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	10017122	188.73
7.82	14765586	208.73
8.12	10226407	202.71
8.21	7991829	195.75
8.83	4528574	194.67

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	70947808	211.91
6.78	111683249	205.91
7.08	47880014	210.72
7.15	85612781	206.43
7.69	37446690	206.27

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:36
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12623206

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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...	3.628	2.960	21550396	129.1E6	20.000	20.000
2)	SA Decachlor...	9.516	8.230	20824434	142.8E6	40.000	40.000
	Target Compounds						
36)	L8 AR-1262-1	7.235	6.238	21230880	133.9E6	400.000	400.000
37)	L8 AR-1262-2	7.817	6.779	28295662	217.0E6	400.000	400.000
38)	L8 AR-1262-3	8.122	7.084	20169249	90889953	399.792m	400.000
39)	L8 AR-1262-4	8.208	7.152	16330678	165.9E6	400.000	400.000
40)	L8 AR-1262-5	8.830	7.691	9305076	72617970	400.000	400.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:36
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

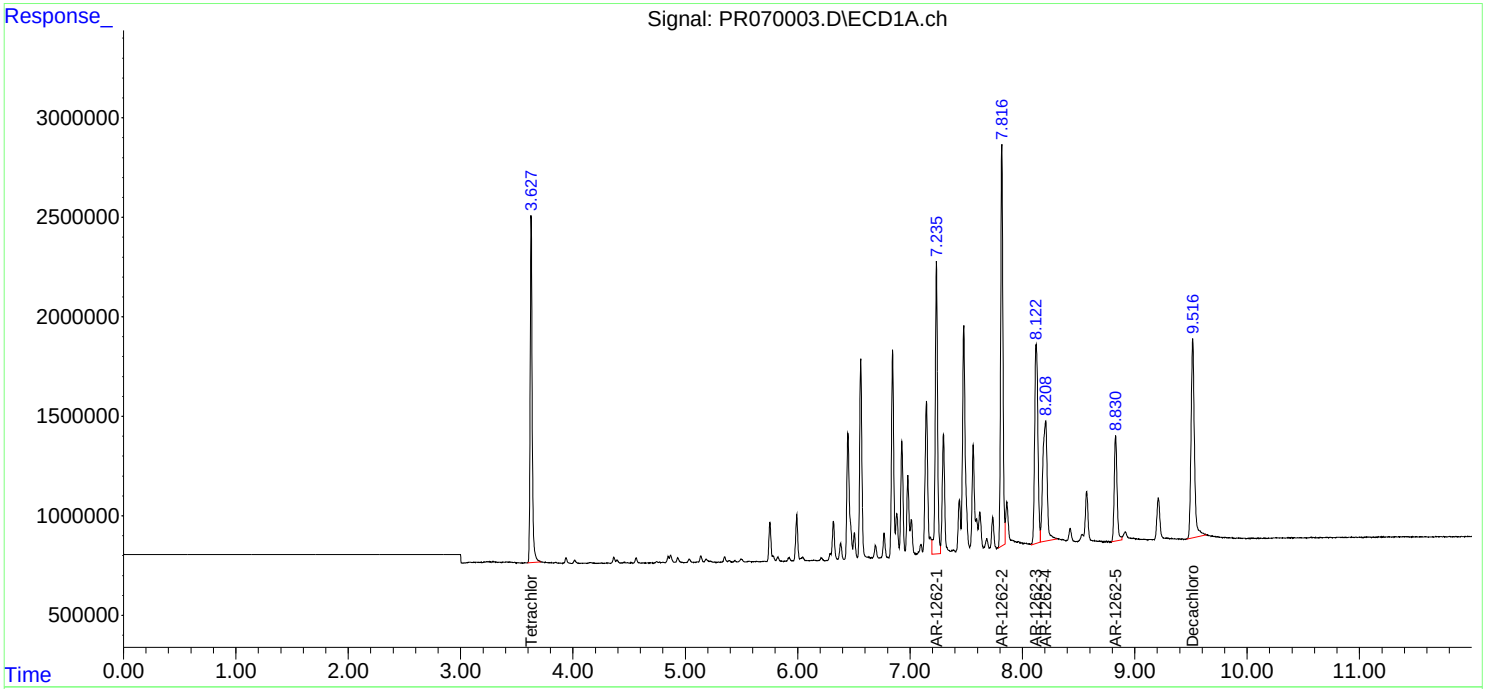
Instrument :
ECD_R
ClientSampleId :
AR12623206

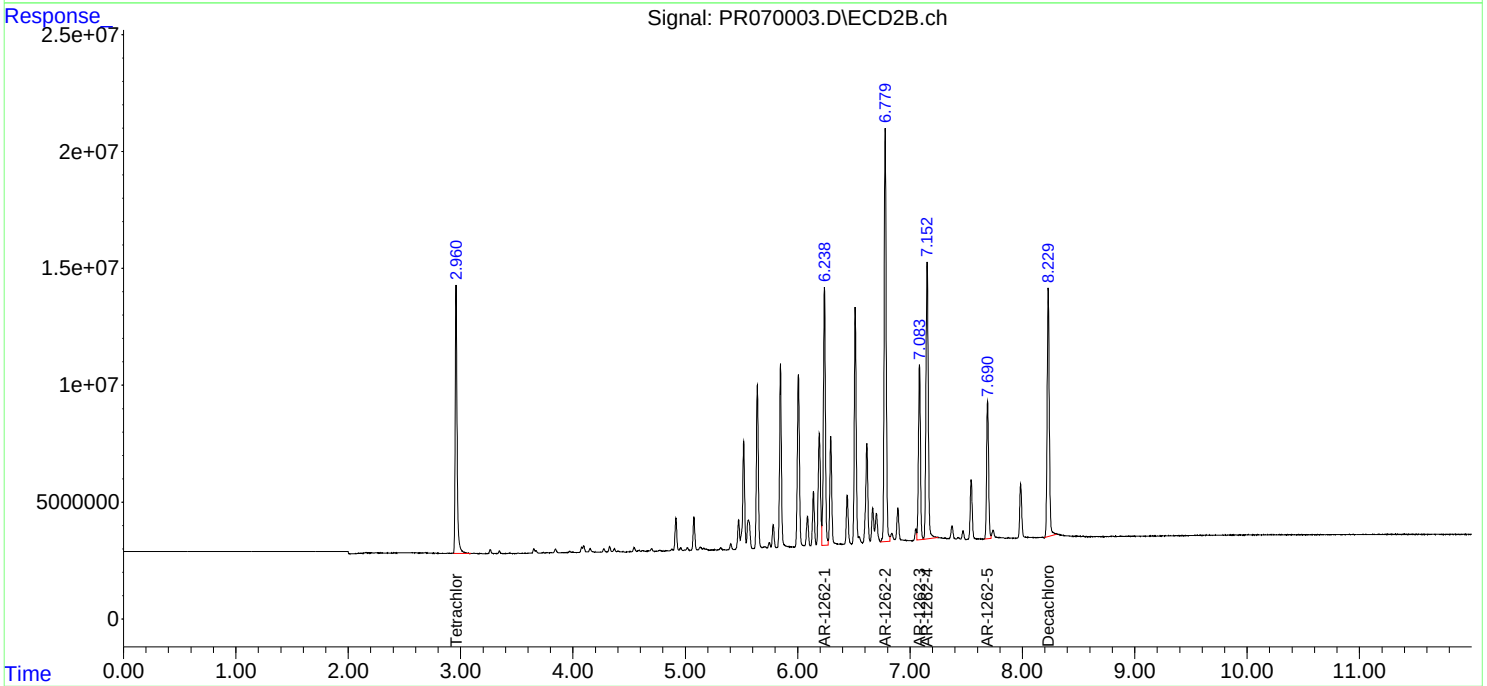
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:36
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

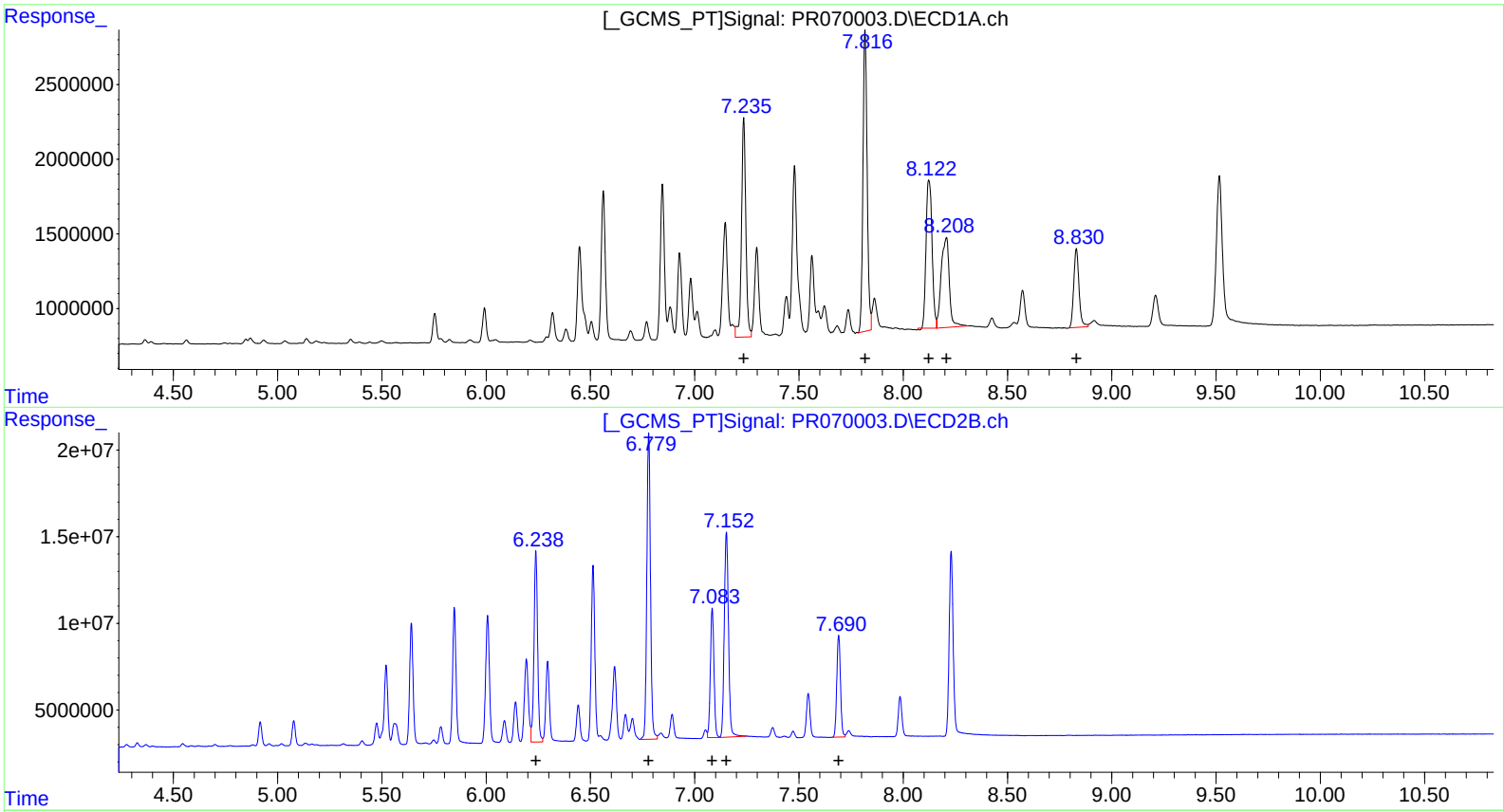
Instrument :
ECD_R
LabSampleId :
AR1262ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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

(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	21230880	400.00
7.82	28295662	400.00
8.12	20064110	397.71
8.21	16330678	400.00
8.83	9305076	400.00

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	133918808	400.00
6.78	216952249	400.00
7.08	90889953	400.00
7.15	165892152	400.00
7.69	72617970	400.00

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:36
Operator : AJ\MA
Sample : AR1262ICC400
Misc :
ALS Vial : 35 Sample Multiplier: 1

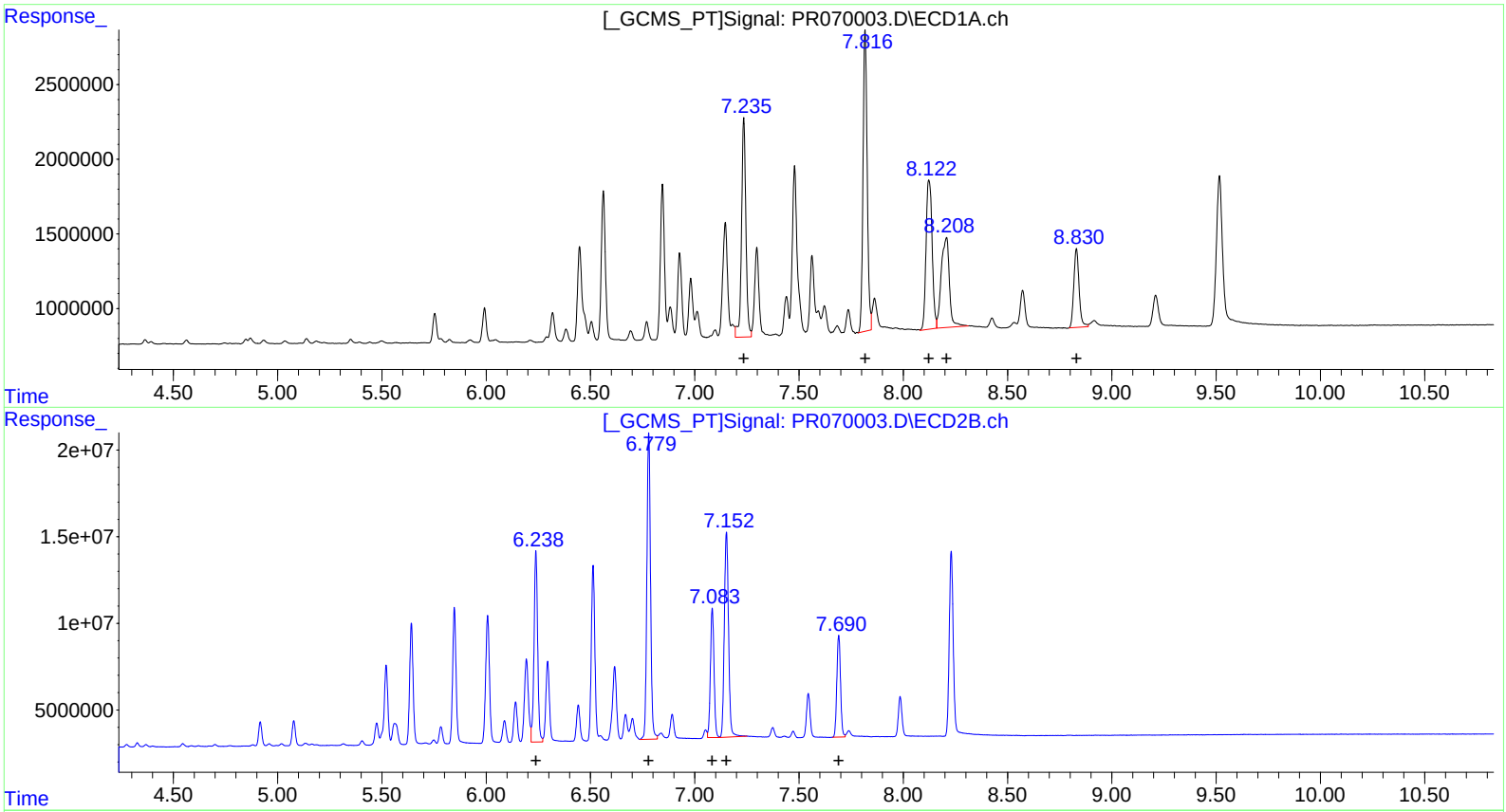
Instrument :
ECD_R
LabSampleId :
AR1262ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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

(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	21230880	400.00
7.82	28295662	400.00
8.12	20169249	399.79
8.21	16330678	400.00
8.83	9305076	400.00

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	133918808	400.00
6.78	216952249	400.00
7.08	90889953	400.00
7.15	165892152	400.00
7.69	72617970	400.00

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:51
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12624207

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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...	3.628	2.960	42228479	251.7E6	39.190	38.993
2)	SA Decachlor...	9.515	8.231	38557263	270.8E6	74.062	75.849
	Target Compounds						
36)	L8 AR-1262-1	7.235	6.238	38024726	254.2E6	716.404	759.131
37)	L8 AR-1262-2	7.817	6.779	54050924	422.4E6	764.088	778.716
38)	L8 AR-1262-3	8.121	7.084	38015656	173.9E6	753.541m	765.305
39)	L8 AR-1262-4	8.208	7.152	31117698	320.9E6	762.190	773.856
40)	L8 AR-1262-5	8.829	7.690	17415311	139.4E6	748.637	768.015

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:51
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

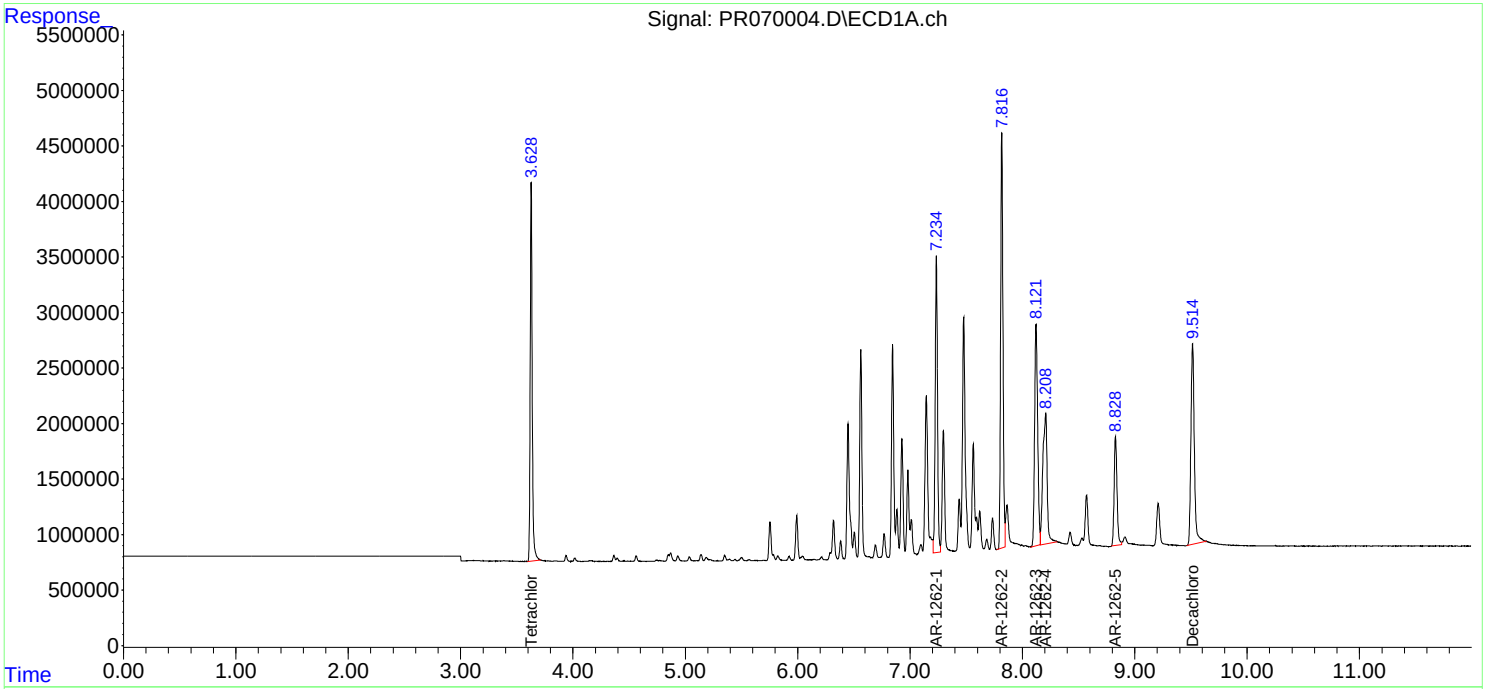
Instrument :
ECD_R
ClientSampleId :
AR12624207

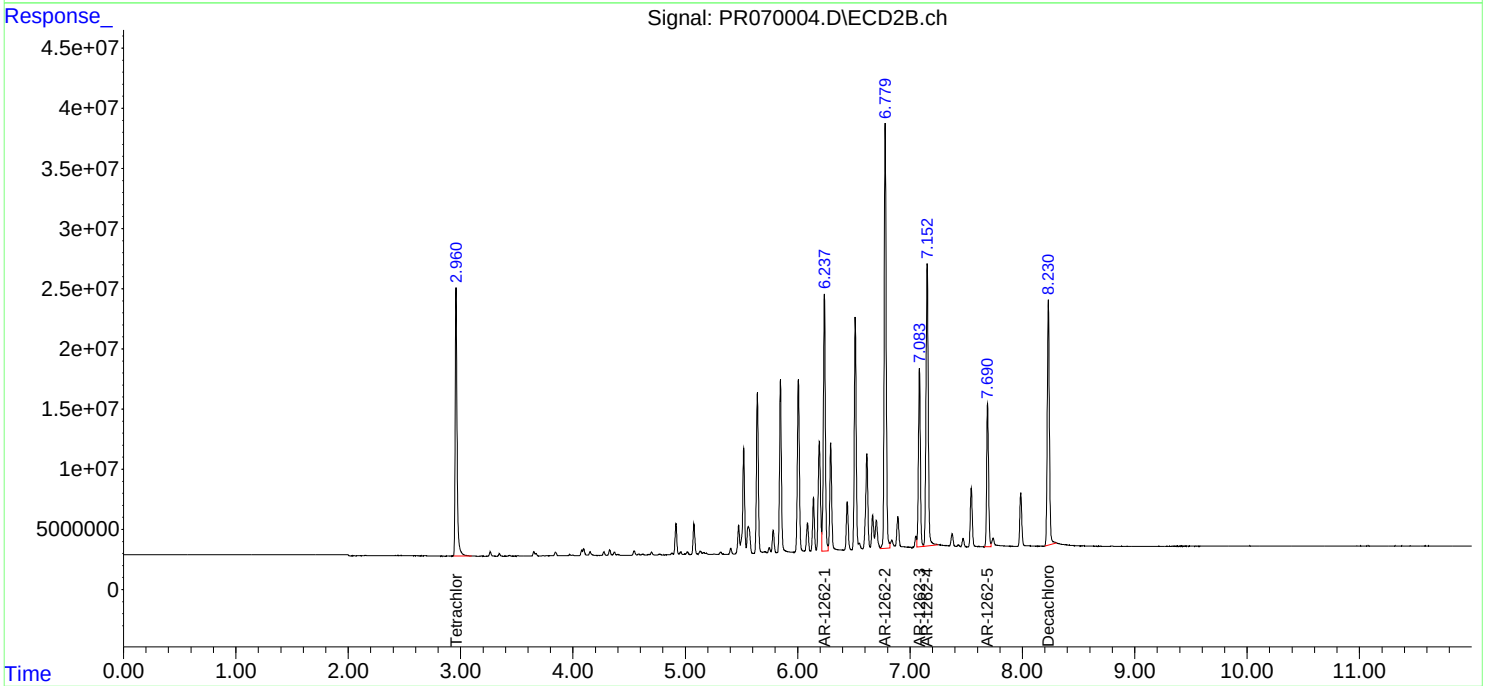
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:51
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

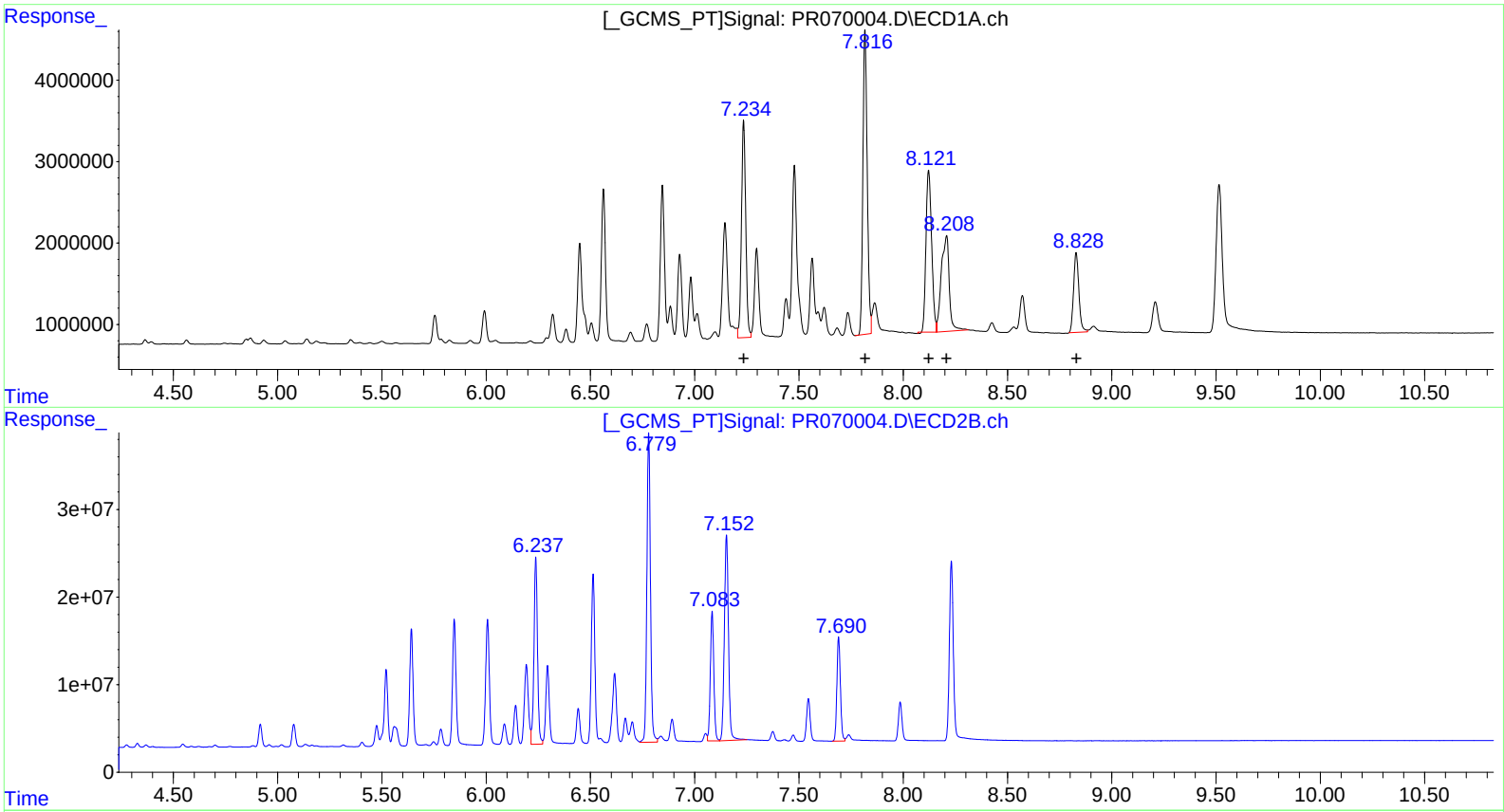
Instrument :
ECD_R
LabSampleId :
AR1262ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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

(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.23	38024726	716.40
7.82	54050924	764.09
8.12	37936468	751.97
8.21	31117698	762.19
8.83	17415311	748.64

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	254154729	759.13
6.78	422360690	778.72
7.08	173896443	765.31
7.15	320941794	773.86
7.69	139429141	768.01

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 00:51
Operator : AJ\MA
Sample : AR1262ICC800
Misc :
ALS Vial : 36 Sample Multiplier: 1

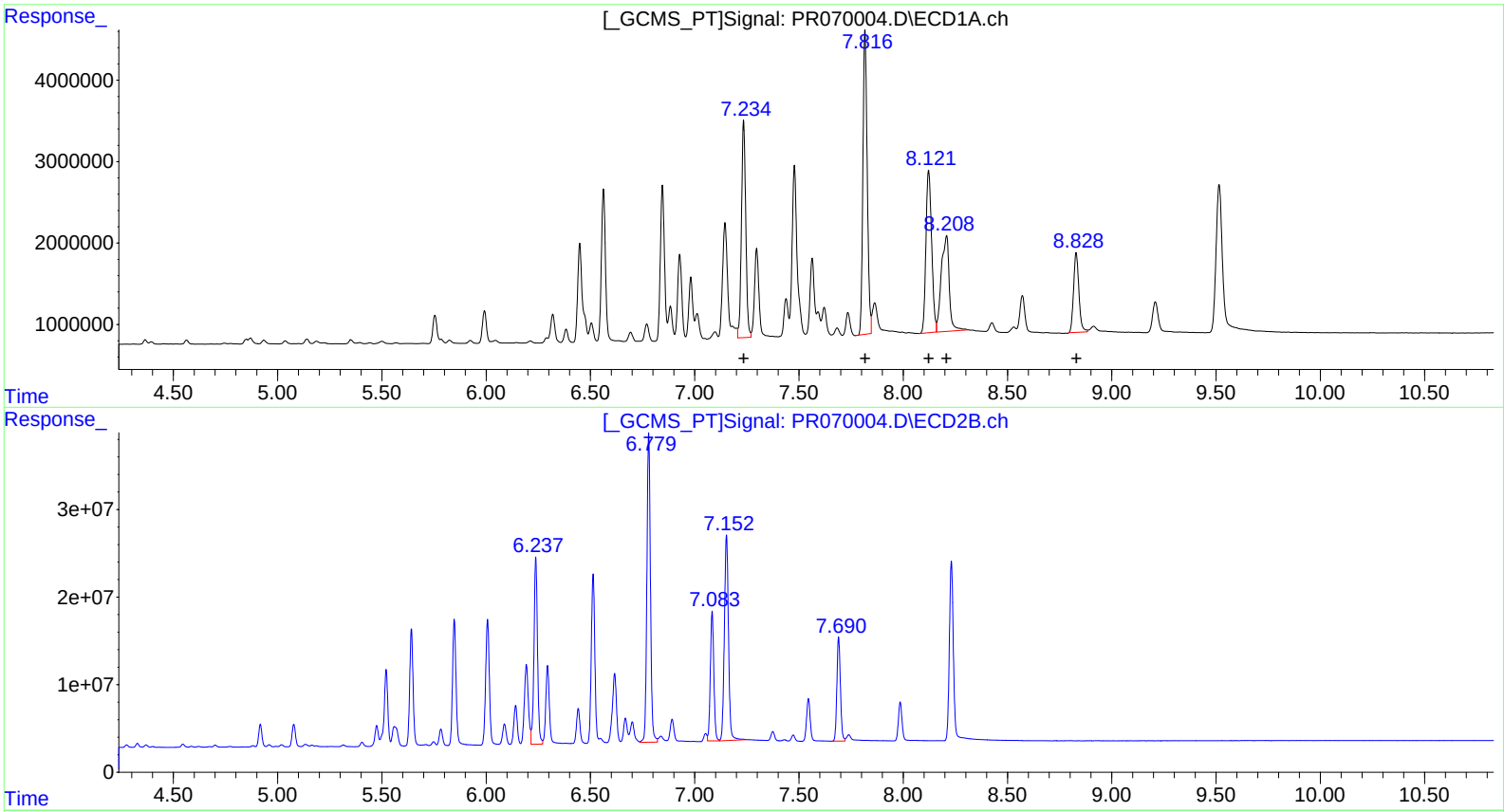
Instrument :
ECD_R
LabSampleId :
AR1262ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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

(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.23	38024726	716.40
7.82	54050924	764.09
8.12	38015656	753.54
8.21	31117698	762.19
8.83	17415311	748.64

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	254154729	759.13
6.78	422360690	778.72
7.08	173896443	765.31
7.15	320941794	773.86
7.69	139429141	768.01

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:06
Operator : AJ\MA
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12625208

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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...	3.628	2.960	81906739	481.6E6	76.014	74.614
2)	SA Decachlor...	9.516	8.231	71433847	517.0E6	137.212	144.828
	Target Compounds						
36)	L8 AR-1262-1	7.236	6.239	71093167	484.4E6	1339.430	1446.891
37)	L8 AR-1262-2	7.817	6.780	104.7E6	821.2E6	1479.533	1514.037
38)	L8 AR-1262-3	8.125	7.085	71506591	334.7E6	1417.394m	1472.906
39)	L8 AR-1262-4	8.209	7.153	58361500	622.9E6	1429.494	1502.016
40)	L8 AR-1262-5	8.831	7.692	33729335	269.3E6	1449.933	1483.424

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:06
Operator : AJ\MA
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

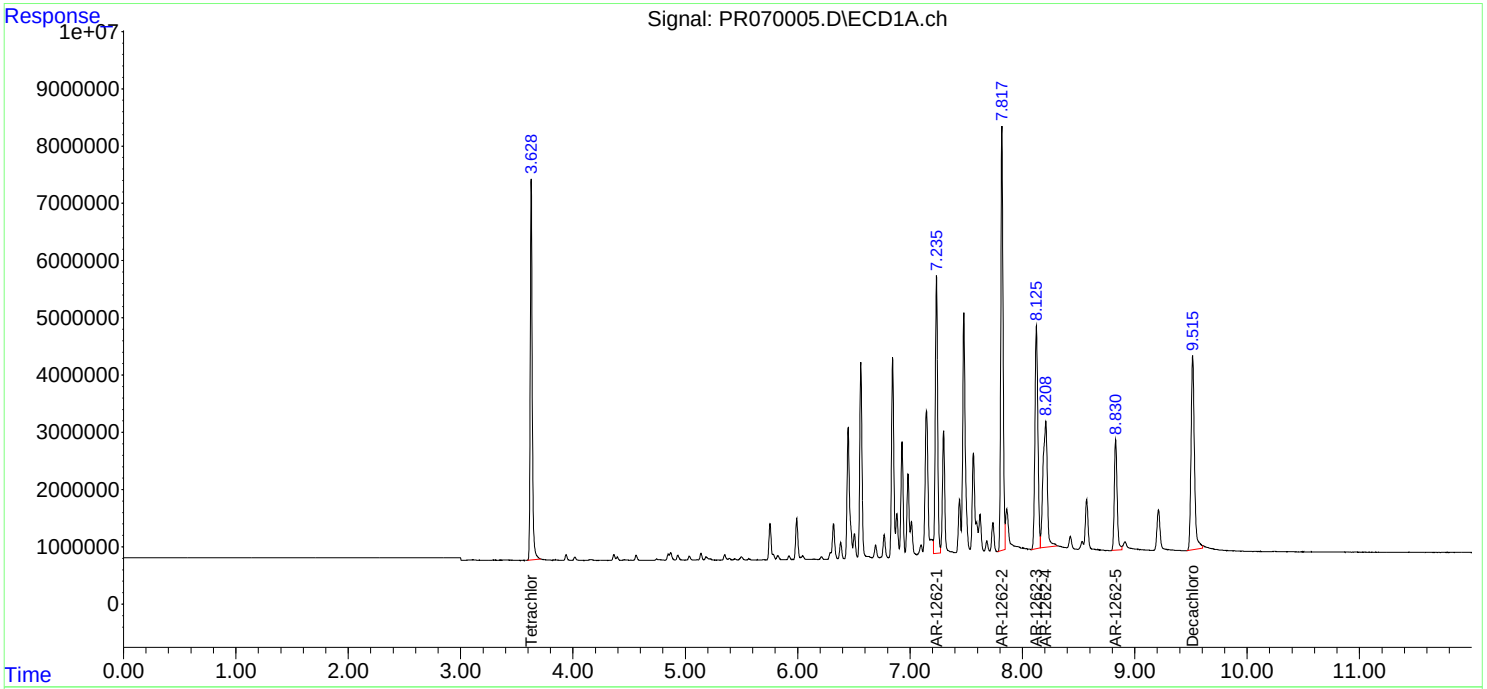
Instrument :
ECD_R
ClientSampleId :
AR12625208

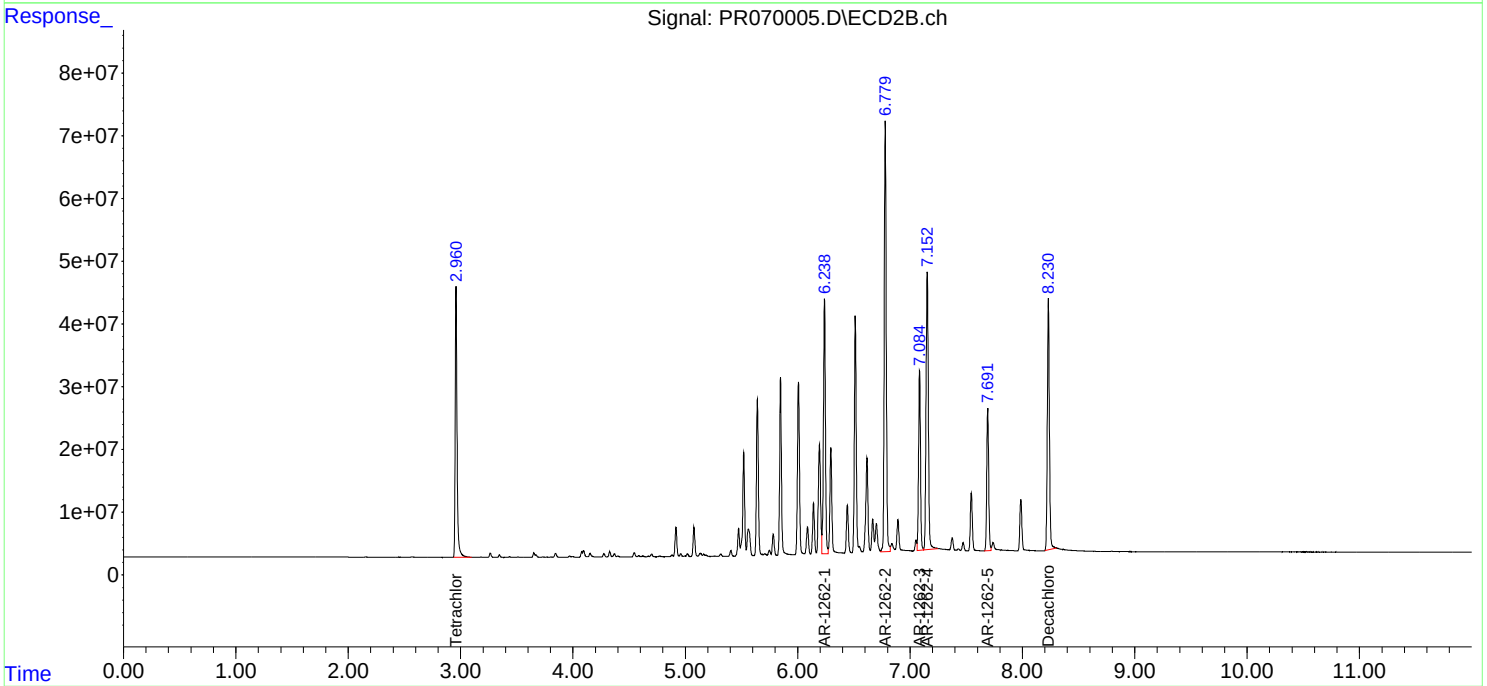
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:06
Operator : AJ\MA
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

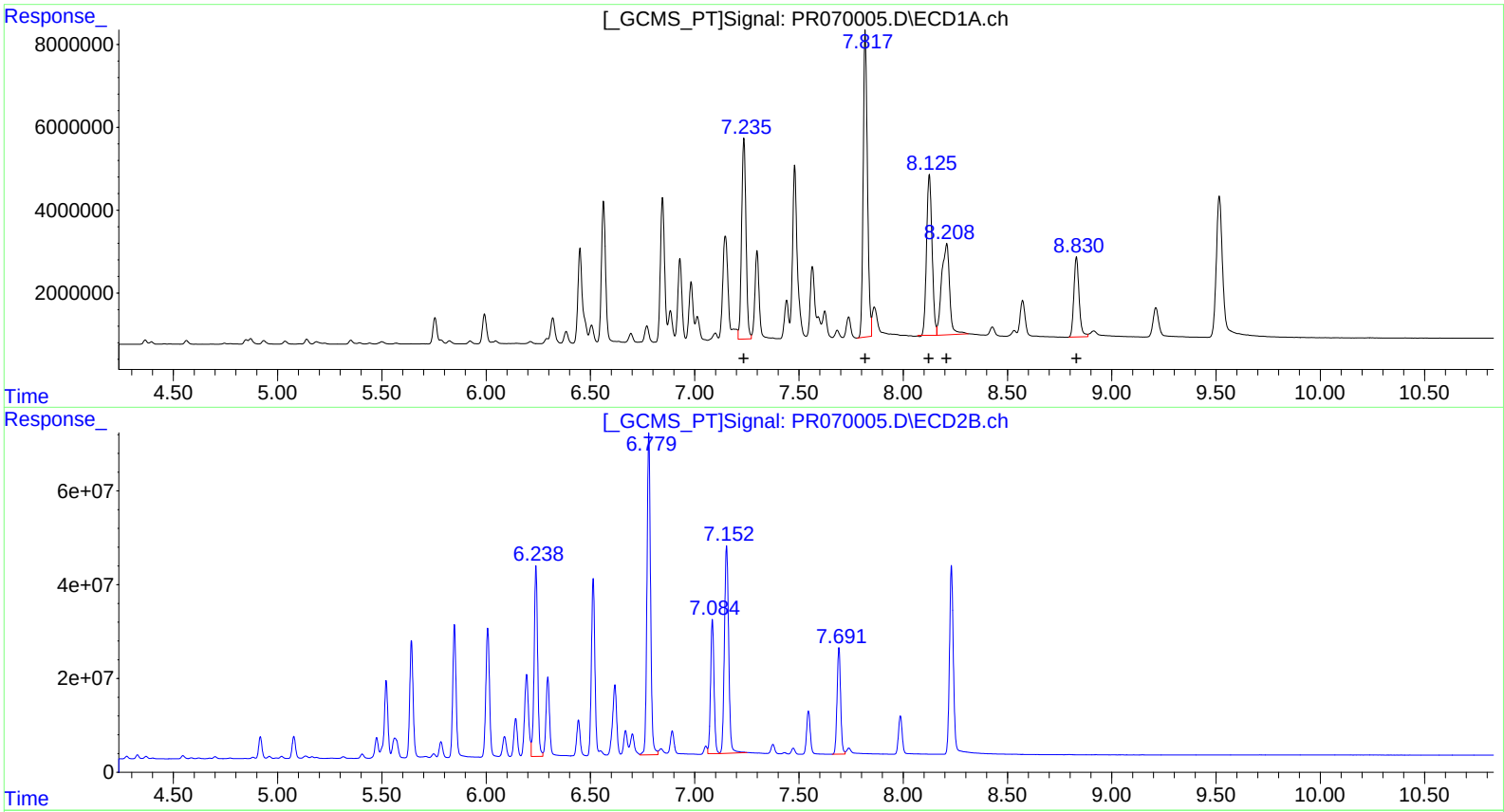
Instrument :
ECD_R
LabSampleId :
AR1262ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	71093167	1339.43
7.82	104660920	1479.53
8.13	71419733	1415.67
8.21	58361500	1429.49
8.83	33729335	1449.93

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	484414931	1446.89
6.78	821184262	1514.04
7.08	334680975	1472.91
7.15	622931689	1502.02
7.69	269308188	1483.42

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:06
Operator : AJ\MA
Sample : AR1262ICC1600
Misc :
ALS Vial : 37 Sample Multiplier: 1

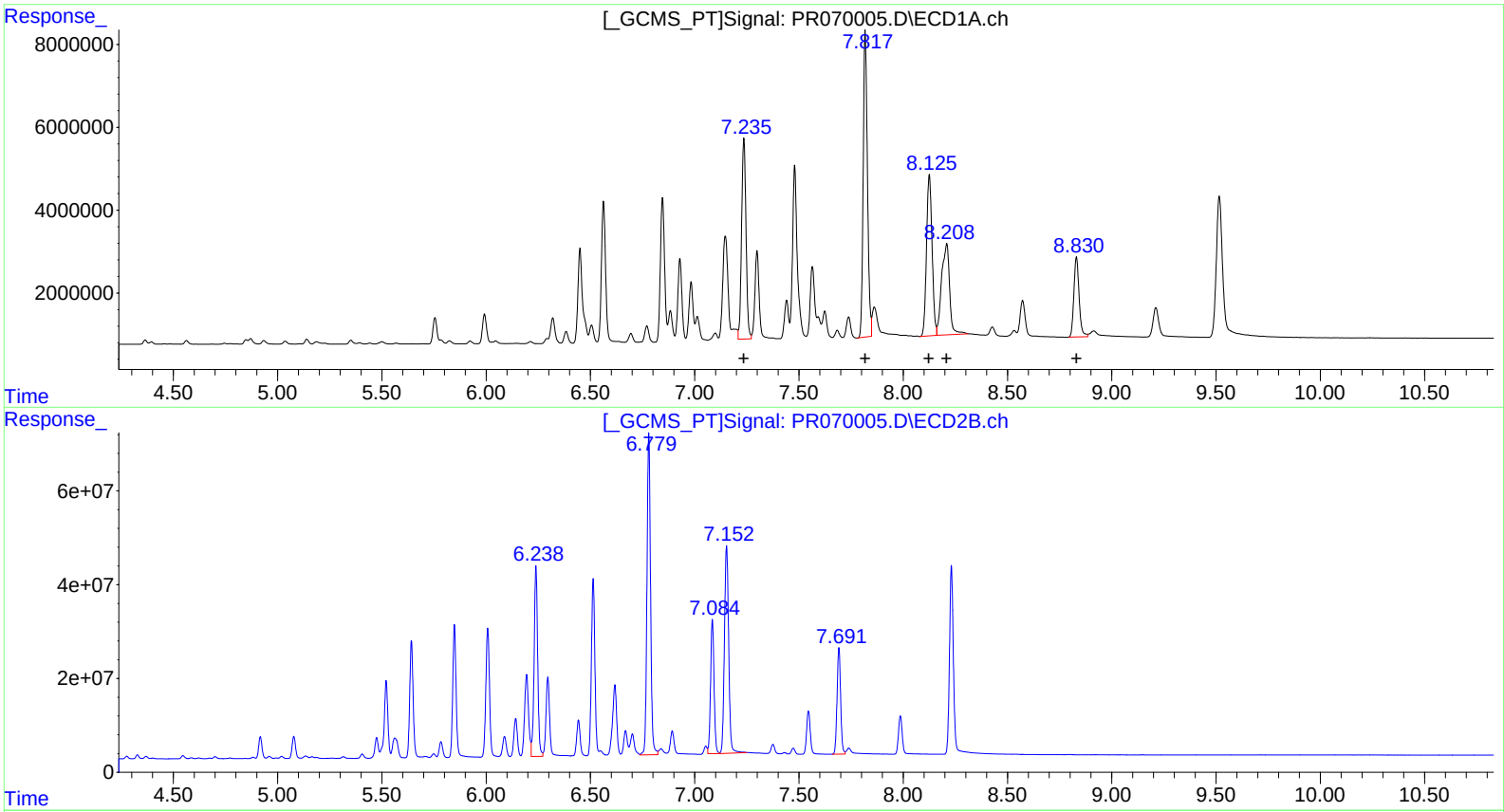
Instrument :
ECD_R
LabSampleId :
AR1262ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:31:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:30:07 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



(36) AR-1262-1 (L8)

R.T.	Response	Conc
7.24	71093167	1339.43
7.82	104660920	1479.53
8.12	71506591	1417.39
8.21	58361500	1429.49
8.83	33729335	1449.93

(36) AR-1262-1 #2 (L8)

R.T.	Response	Conc
6.24	484414931	1446.89
6.78	821184262	1514.04
7.08	334680975	1472.91
7.15	622931689	1502.02
7.69	269308188	1483.42

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:20
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12681209

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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...	3.628	2.960	5683928	34760022	5.323	5.432
2)	SA Decachlor...	9.515	8.230	10174550	69739703	10.729	10.497
	Target Compounds						
41)	L9 AR-1268-1	8.120	7.084	9598728	68802575	104.976m	105.310m
42)	L9 AR-1268-2	8.212	7.154	8211899	62873540	99.170	103.332
43)	L9 AR-1268-3	8.426	7.375	7823436	54971229	108.200	104.040
44)	L9 AR-1268-4	8.831	7.691	2577223	20960443	107.628	105.226
45)	L9 AR-1268-5	9.211	7.986	20773149	152.9E6	103.478	97.466

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:20
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

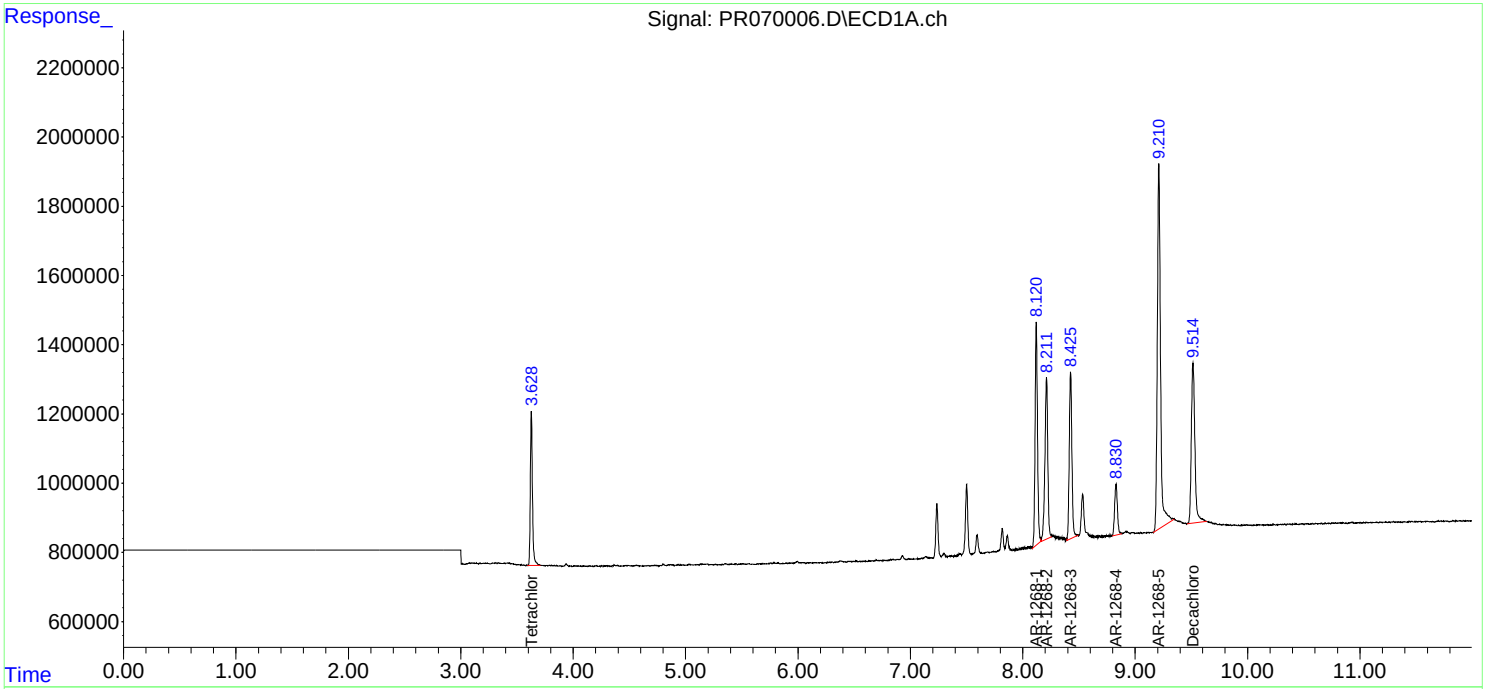
Instrument :
ECD_R
ClientSampleId :
AR12681209

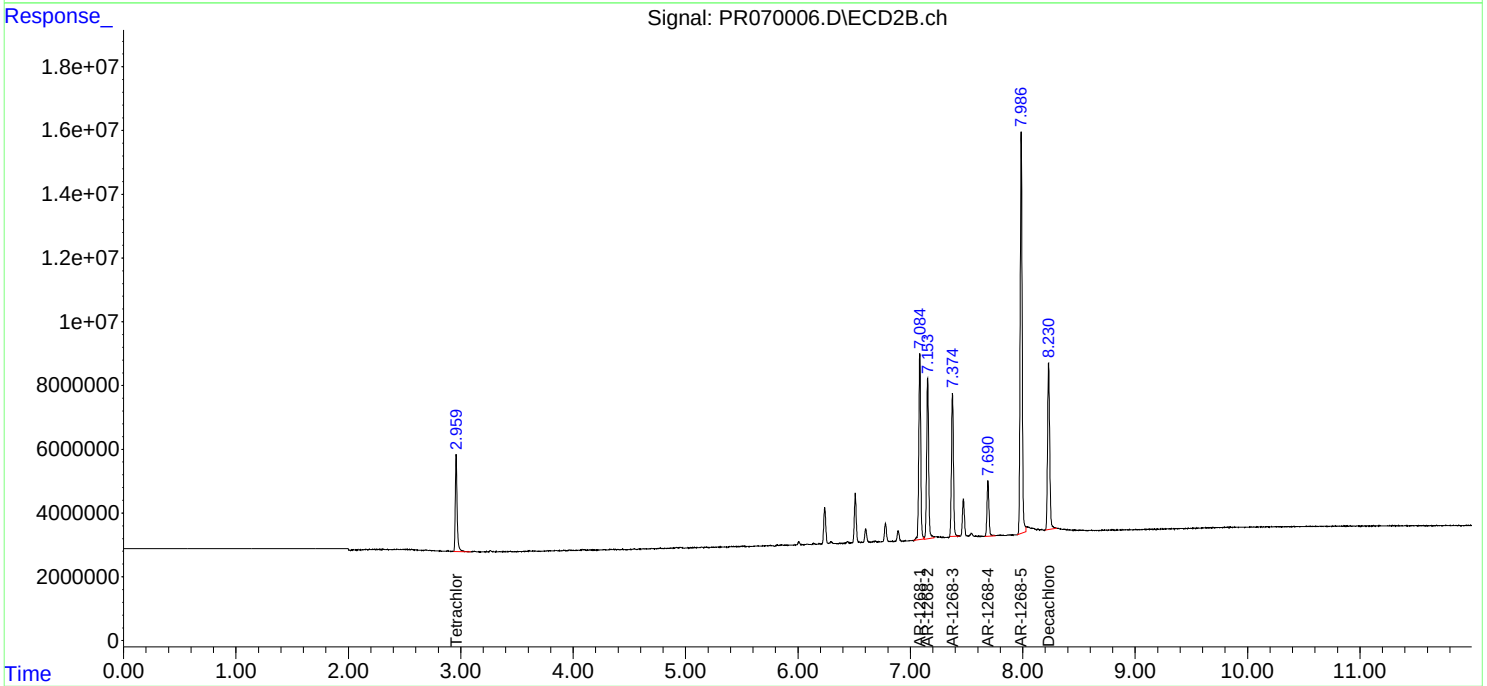
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:20
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

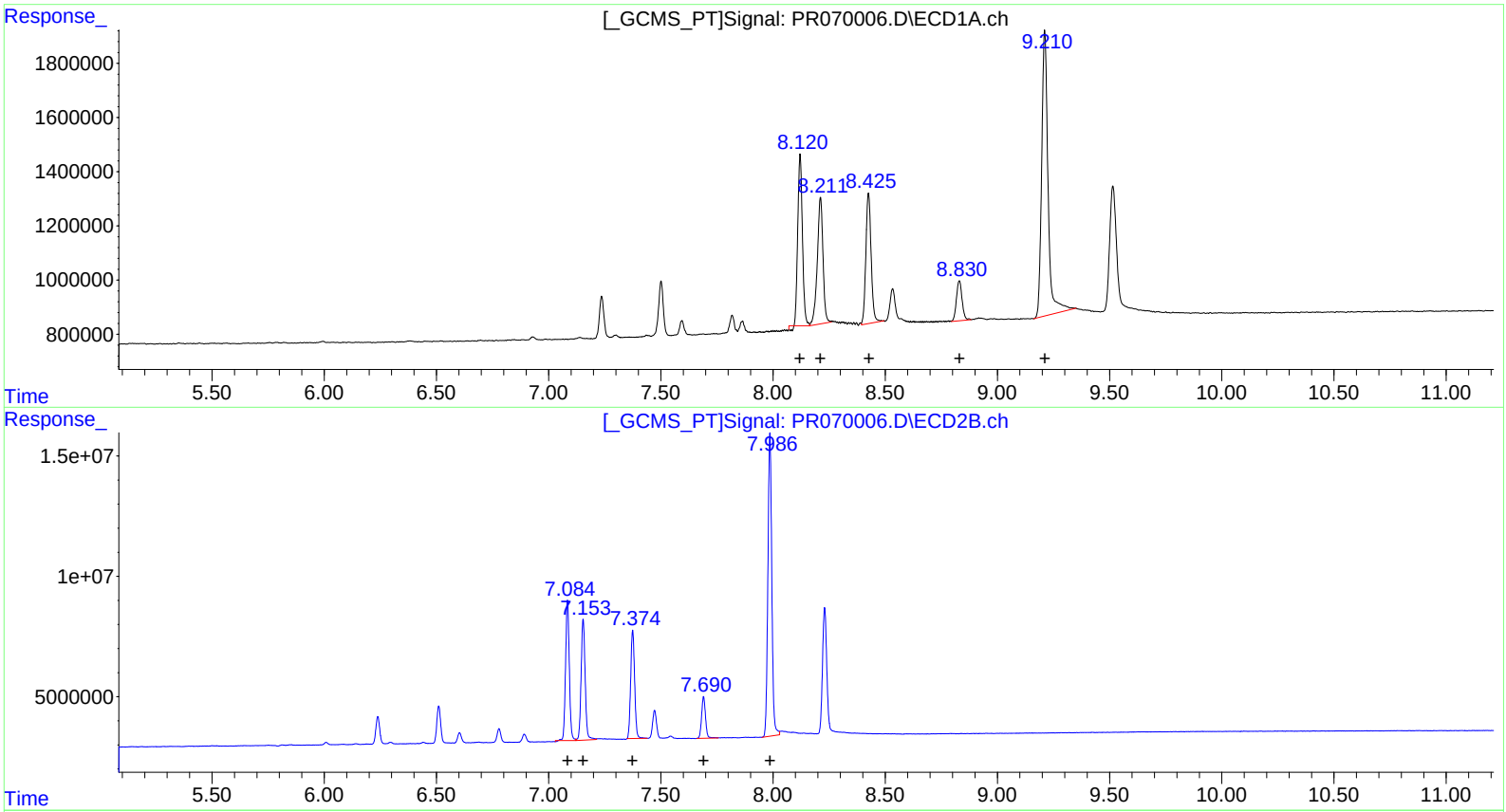
Instrument :
ECD_R
LabSampleId :
AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	9409937	102.91
8.21	8211899	99.17
8.43	7823436	108.20
8.83	2577223	107.63
9.21	20773149	103.48

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	69504652	106.38
7.15	62873540	103.33
7.37	54971229	104.04
7.69	20960443	105.23
7.99	152945753	97.47

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:20
Operator : AJ\MA
Sample : AR1268ICC100
Misc :
ALS Vial : 38 Sample Multiplier: 1

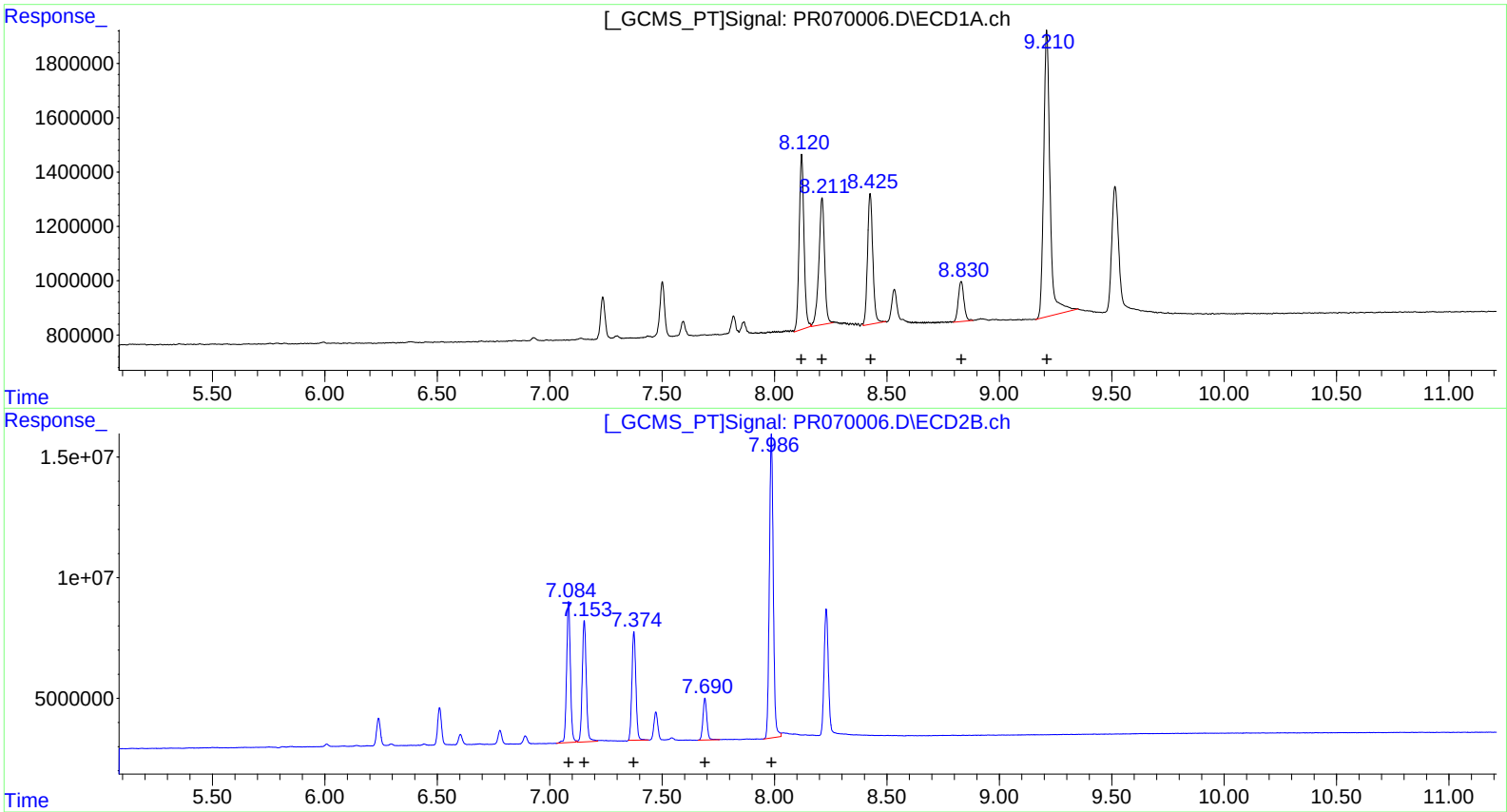
Instrument :
ECD_R
LabSampleId :
AR1268ICC100

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	9598728	104.98
8.21	8211899	99.17
8.43	7823436	108.20
8.83	2577223	107.63
9.21	20773149	103.48

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	68802575	105.31
7.15	62873540	103.33
7.37	54971229	104.04
7.69	20960443	105.23
7.99	152945753	97.47

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:35
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12682210

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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...	3.628	2.960	10891207	65288010	10.200	10.203
2)	SA Decachlor...	9.514	8.231	19882907	138.3E6	20.966	20.814
	Target Compounds						
41)	L9 AR-1268-1	8.119	7.084	19391592	135.3E6	212.076m	207.048
42)	L9 AR-1268-2	8.211	7.154	17381774	124.4E6	209.908	204.530
43)	L9 AR-1268-3	8.425	7.374	15098721	108.2E6	208.820	204.804
44)	L9 AR-1268-4	8.830	7.690	5077761	42535855	212.053	213.539
45)	L9 AR-1268-5	9.210	7.986	42064231	317.3E6	209.537	202.230

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:35
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

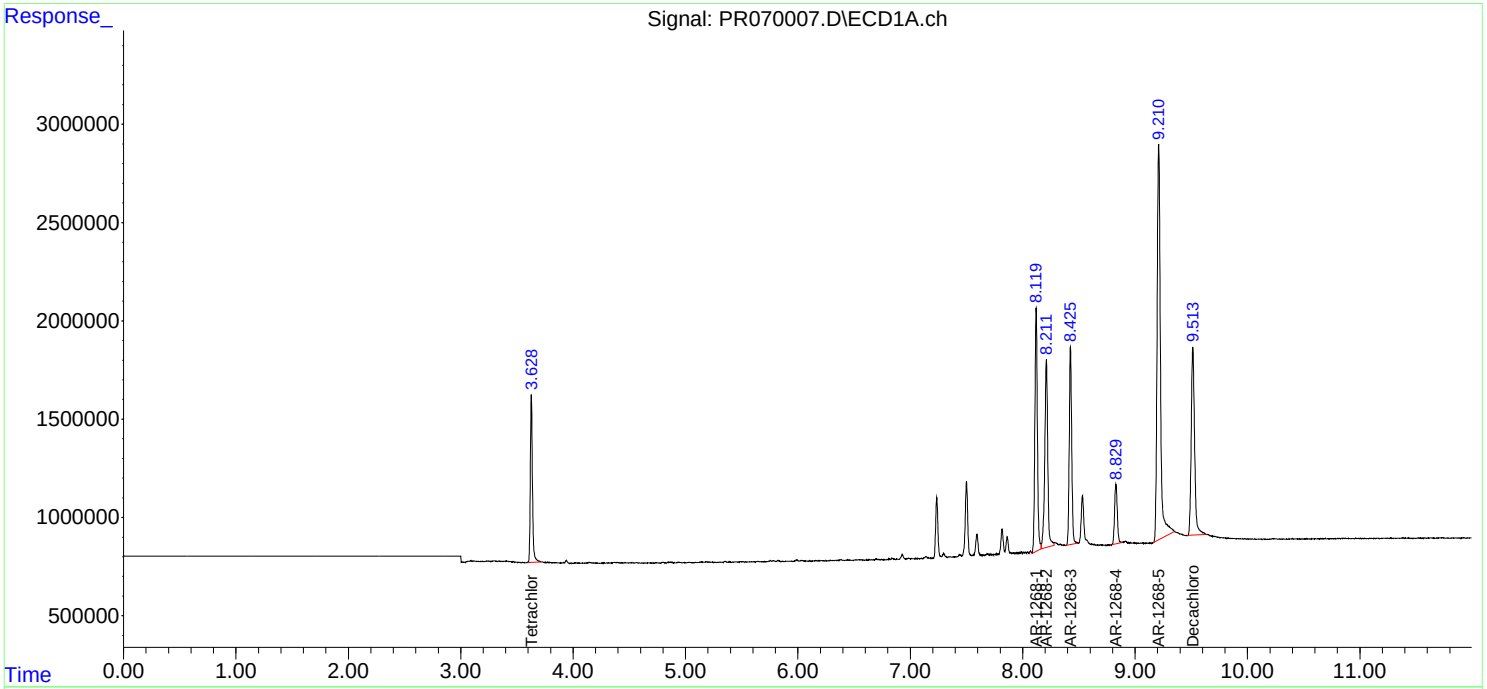
Instrument :
ECD_R
ClientSampleId :
AR12682210

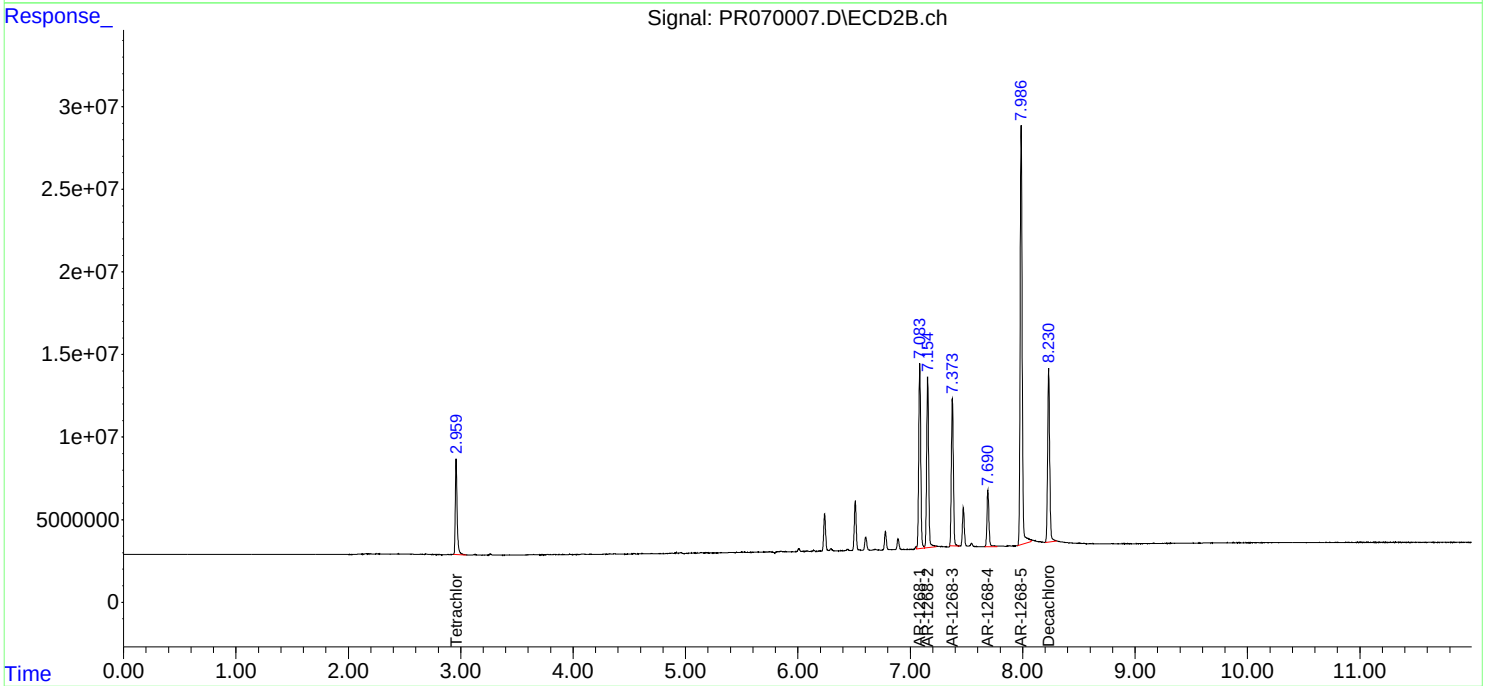
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:35
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

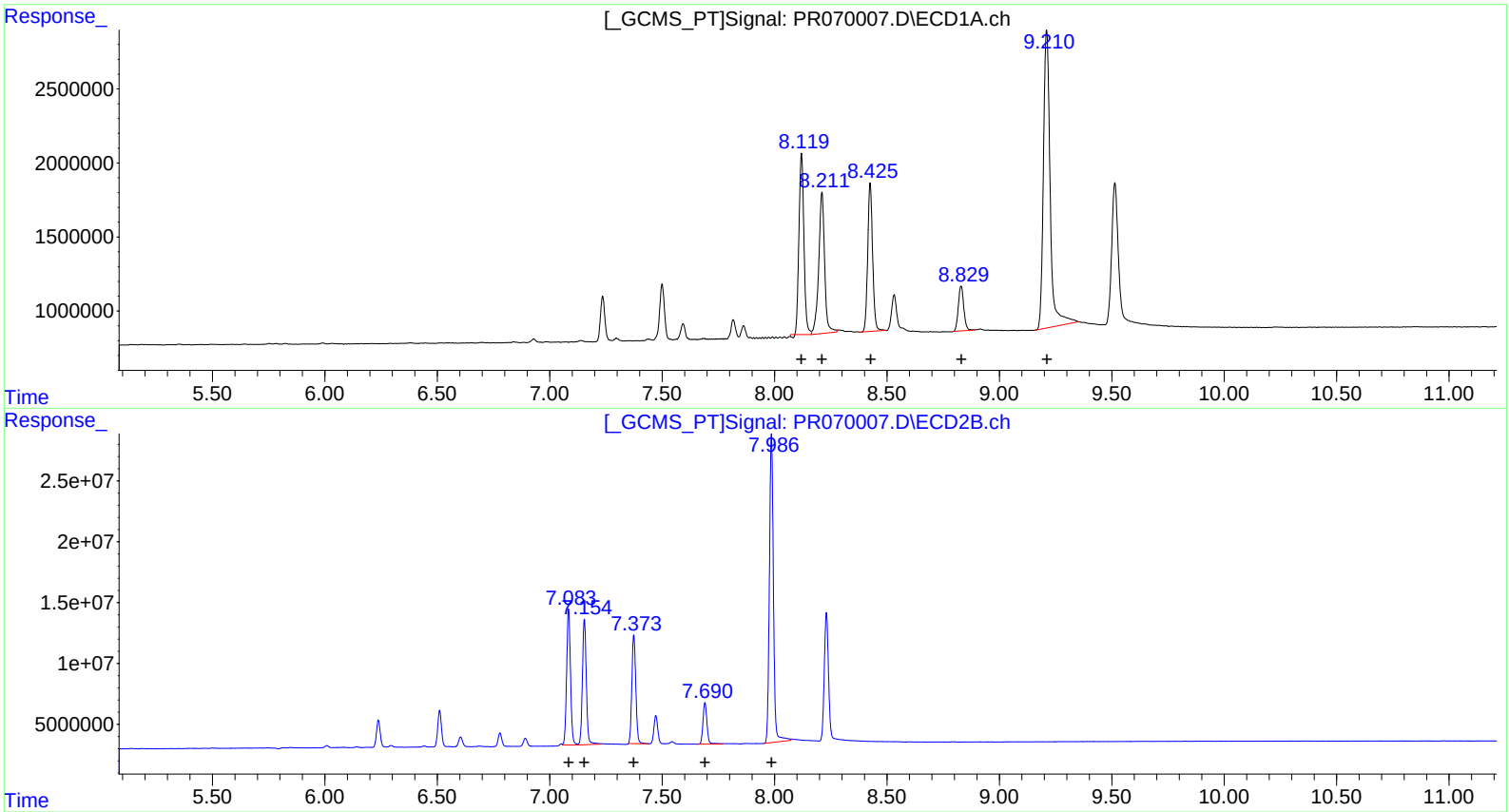
Instrument :
ECD_R
LabSampleId :
AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	19066734	208.52
8.21	17381774	209.91
8.43	15098721	208.82
8.83	5077761	212.05
9.21	42064231	209.54

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	135272145	207.05
7.15	124447901	204.53
7.37	108211857	204.80
7.69	42535855	213.54
7.99	317344884	202.23

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:35
Operator : AJ\MA
Sample : AR1268ICC200
Misc :
ALS Vial : 39 Sample Multiplier: 1

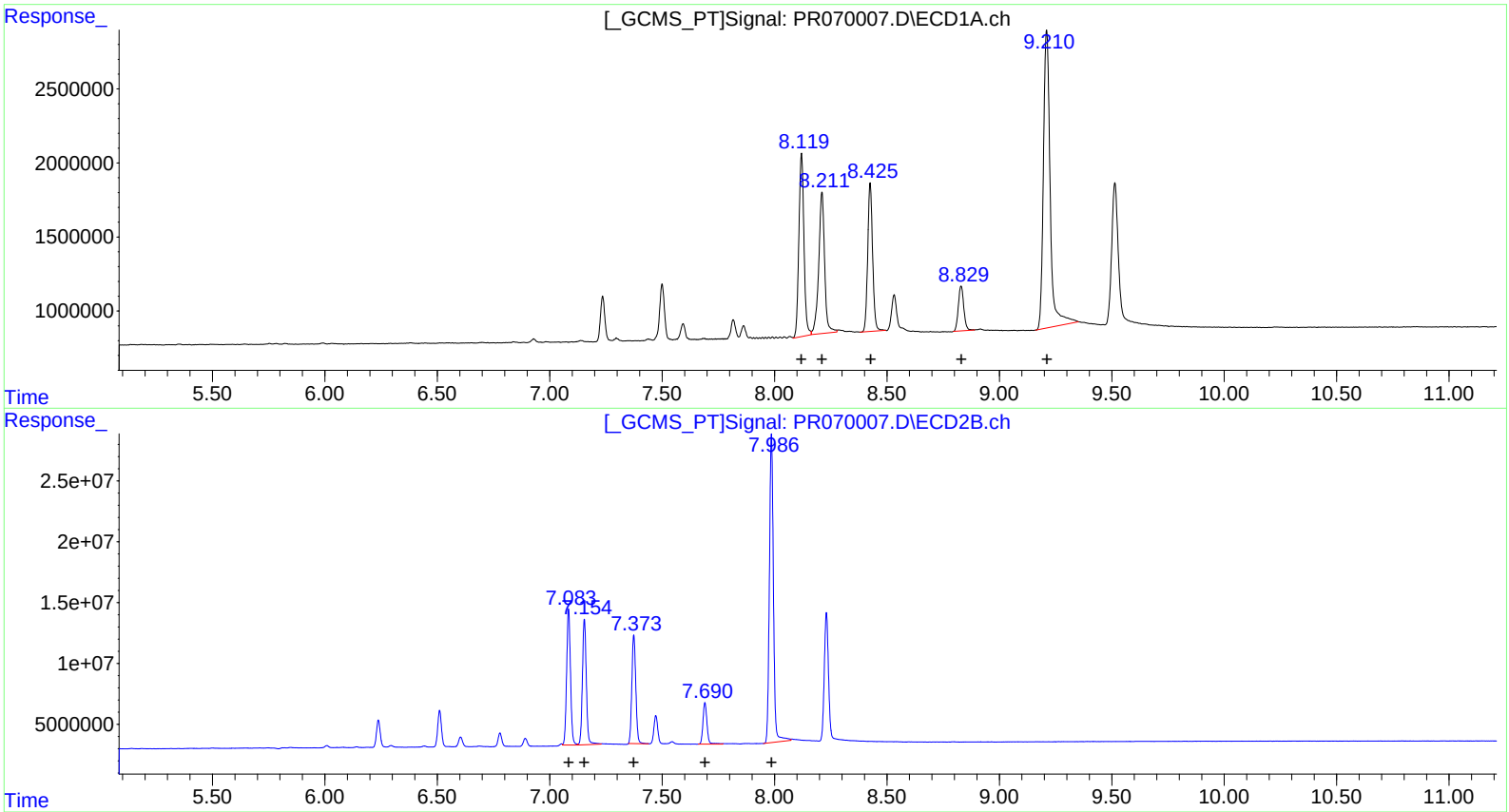
Instrument :
ECD_R
LabSampleId :
AR1268ICC200

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	19391592	212.08
8.21	17381774	209.91
8.43	15098721	208.82
8.83	5077761	212.05
9.21	42064231	209.54

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	135272145	207.05
7.15	124447901	204.53
7.37	108211857	204.80
7.69	42535855	213.54
7.99	317344884	202.23

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:50
Operator : AJ\MA
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12683211

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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...	3.628	2.960	21354720	128.0E6	20.000	20.000
2)	SA Decachlor...	9.518	8.231	37933906	265.7E6	40.000	40.000
	Target Compounds						
41)	L9 AR-1268-1	8.120	7.084	36675461	261.3E6	401.101m	400.000
42)	L9 AR-1268-2	8.211	7.154	33122584	243.4E6	400.000	400.000
43)	L9 AR-1268-3	8.427	7.374	28922050	211.3E6	400.000	400.000
44)	L9 AR-1268-4	8.831	7.691	9578272	79677925	400.000	400.000
45)	L9 AR-1268-5	9.211	7.987	80299463	627.7E6	400.000	400.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:50
Operator : AJ\MA
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

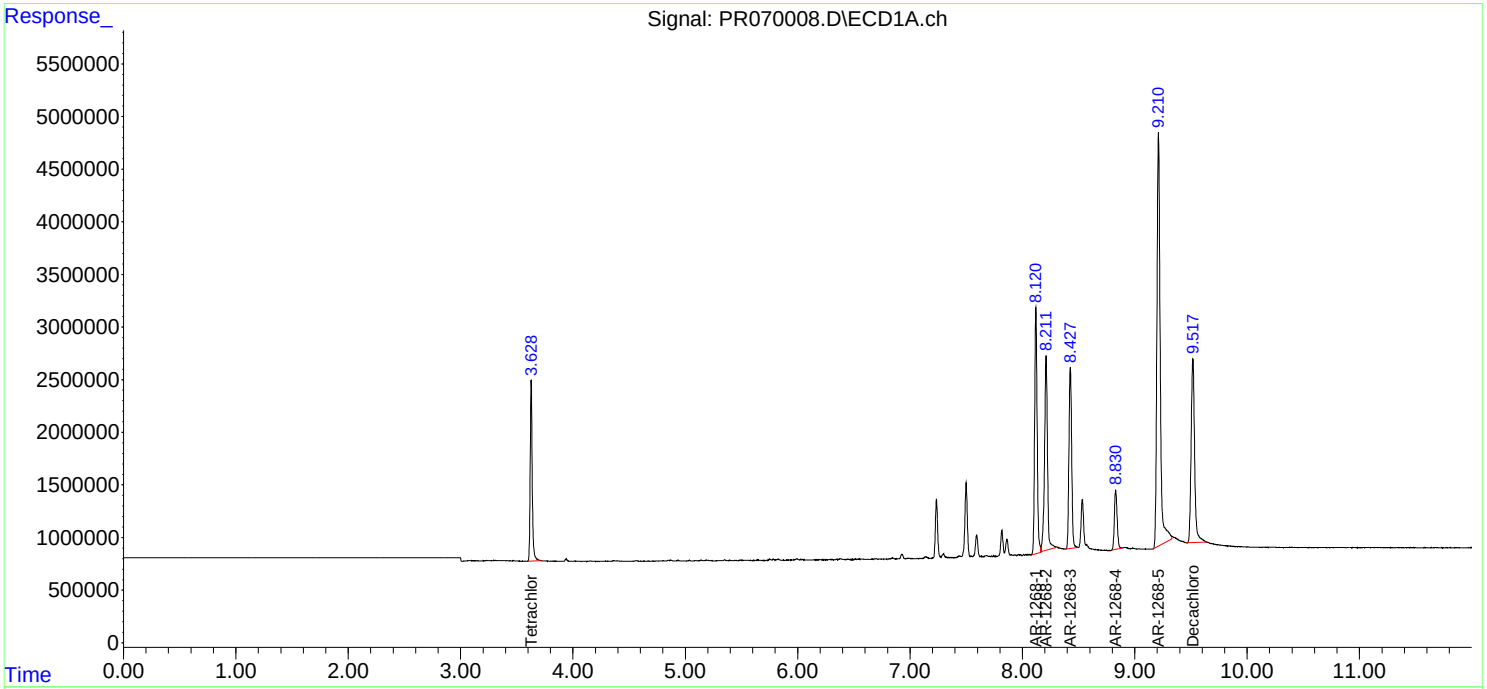
Instrument :
ECD_R
ClientSampleId :
AR12683211

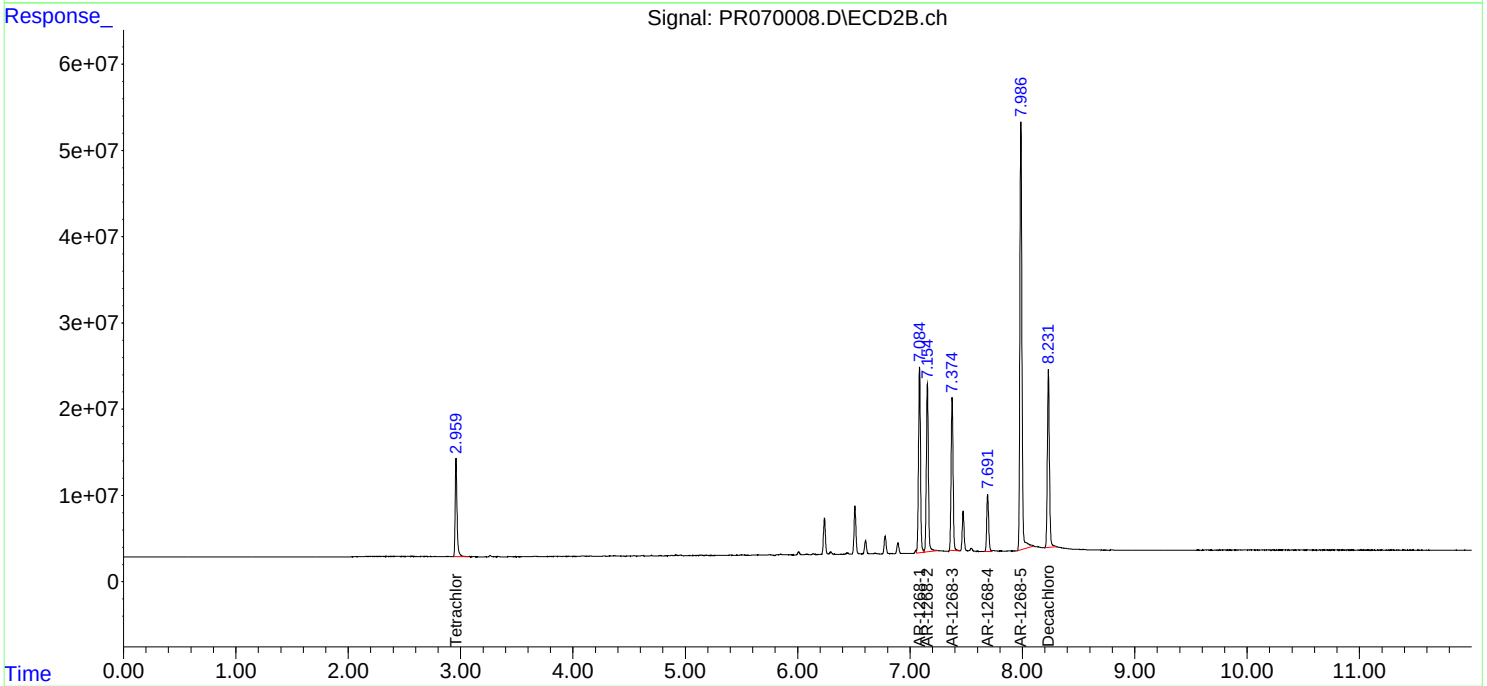
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:50
Operator : AJ\MA
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

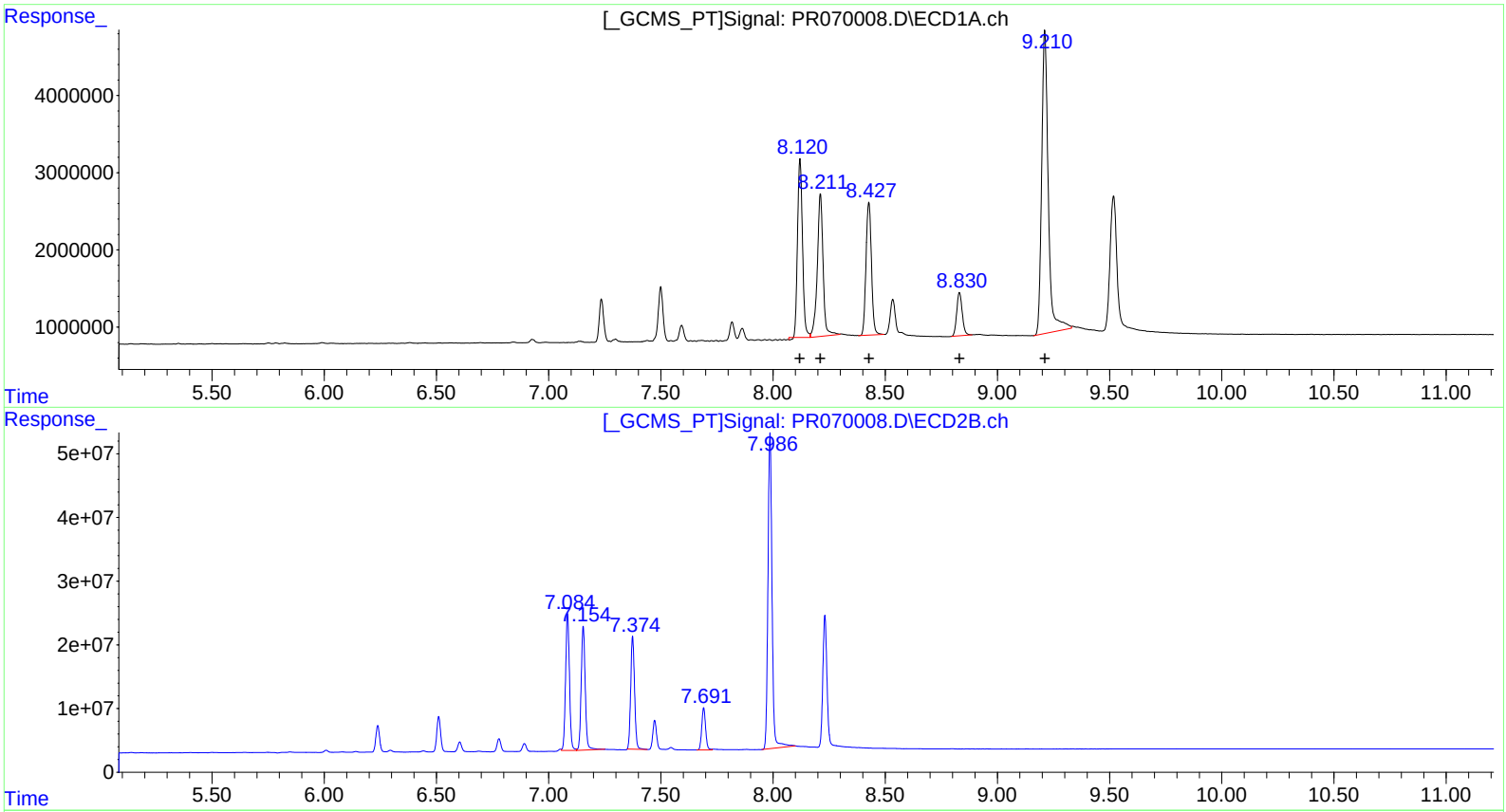
Instrument :
ECD_R
LabSampleId :
AR1268ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	36392262	398.00
8.21	33122584	400.00
8.43	28922050	400.00
8.83	9578272	400.00
9.21	80299463	400.00

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	261334516	400.00
7.15	243383518	400.00
7.37	211347444	400.00
7.69	79677925	400.00
7.99	627691033	400.00

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 01:50
Operator : AJ\MA
Sample : AR1268ICC400
Misc :
ALS Vial : 40 Sample Multiplier: 1

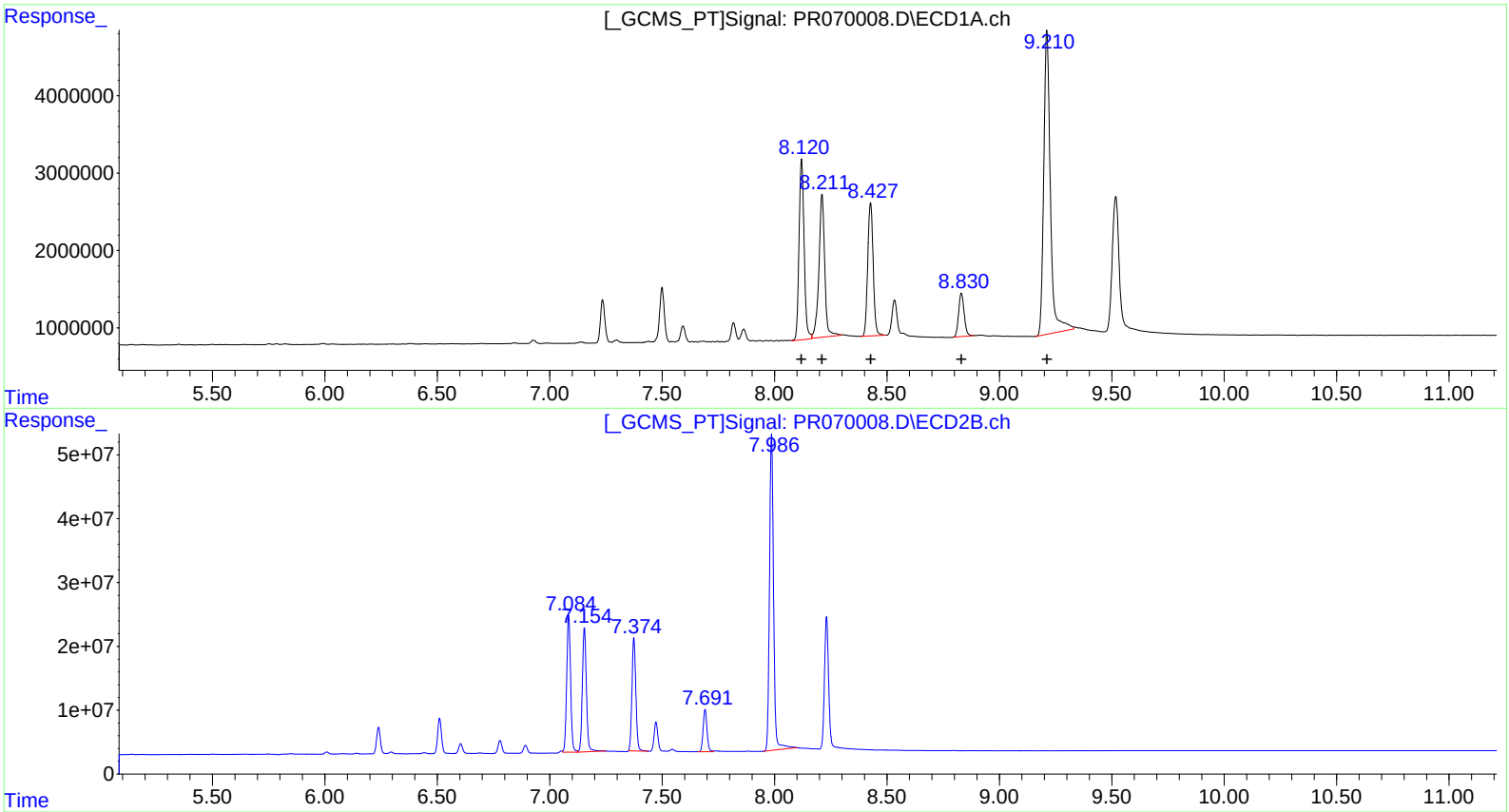
Instrument :
ECD_R
LabSampleId :
AR1268ICC400

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:47:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	36675461	401.10
8.21	33122584	400.00
8.43	28922050	400.00
8.83	9578272	400.00
9.21	80299463	400.00

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	261334516	400.00
7.15	243383518	400.00
7.37	211347444	400.00
7.69	79677925	400.00
7.99	627691033	400.00

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:04
Operator : AJ\MA
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12684212

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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...	3.628	2.960	41930418	250.8E6	39.270	39.195
2)	SA Decachlor...	9.516	8.231	72366478	526.1E6	76.308	79.190
	Target Compounds						
41)	L9 AR-1268-1	8.117	7.084	71381738	521.7E6	780.666m	798.498
42)	L9 AR-1268-2	8.210	7.155	64076629	485.6E6	773.812	798.110
43)	L9 AR-1268-3	8.426	7.375	55984886	420.9E6	774.287	796.667
44)	L9 AR-1268-4	8.830	7.691	20089425	158.3E6	838.958	794.484
45)	L9 AR-1268-5	9.212	7.987	159.6E6	1254.5E6	795.168	799.435

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:04
Operator : AJ\MA
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

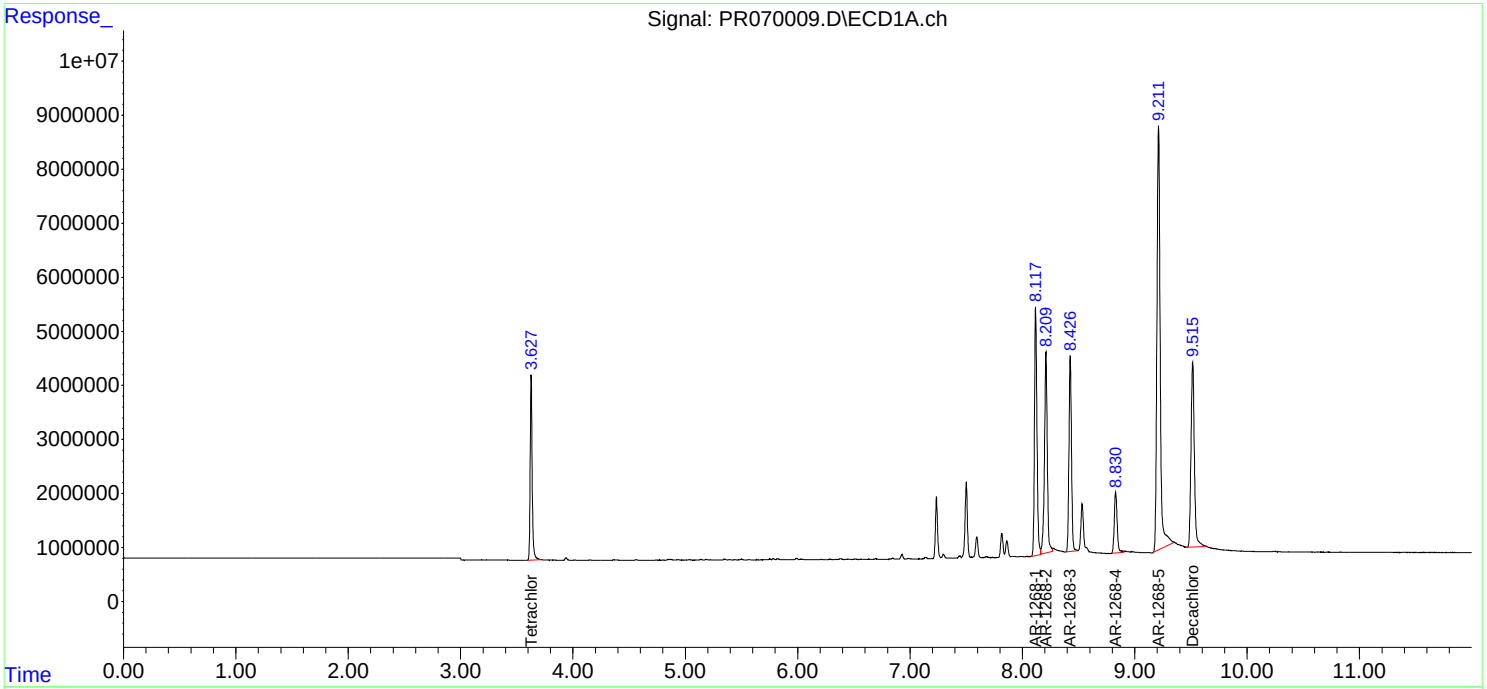
Instrument :
ECD_R
ClientSampleId :
AR12684212

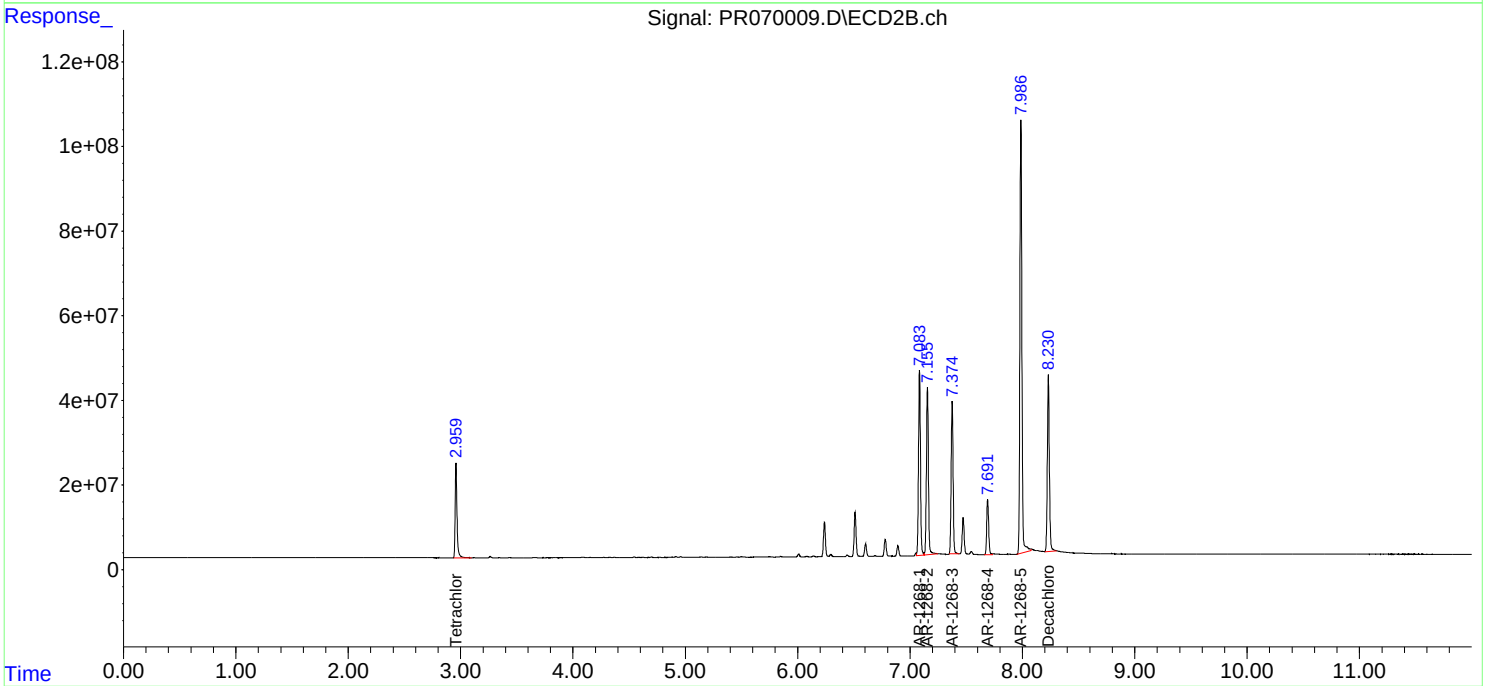
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:04
Operator : AJ\MA
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

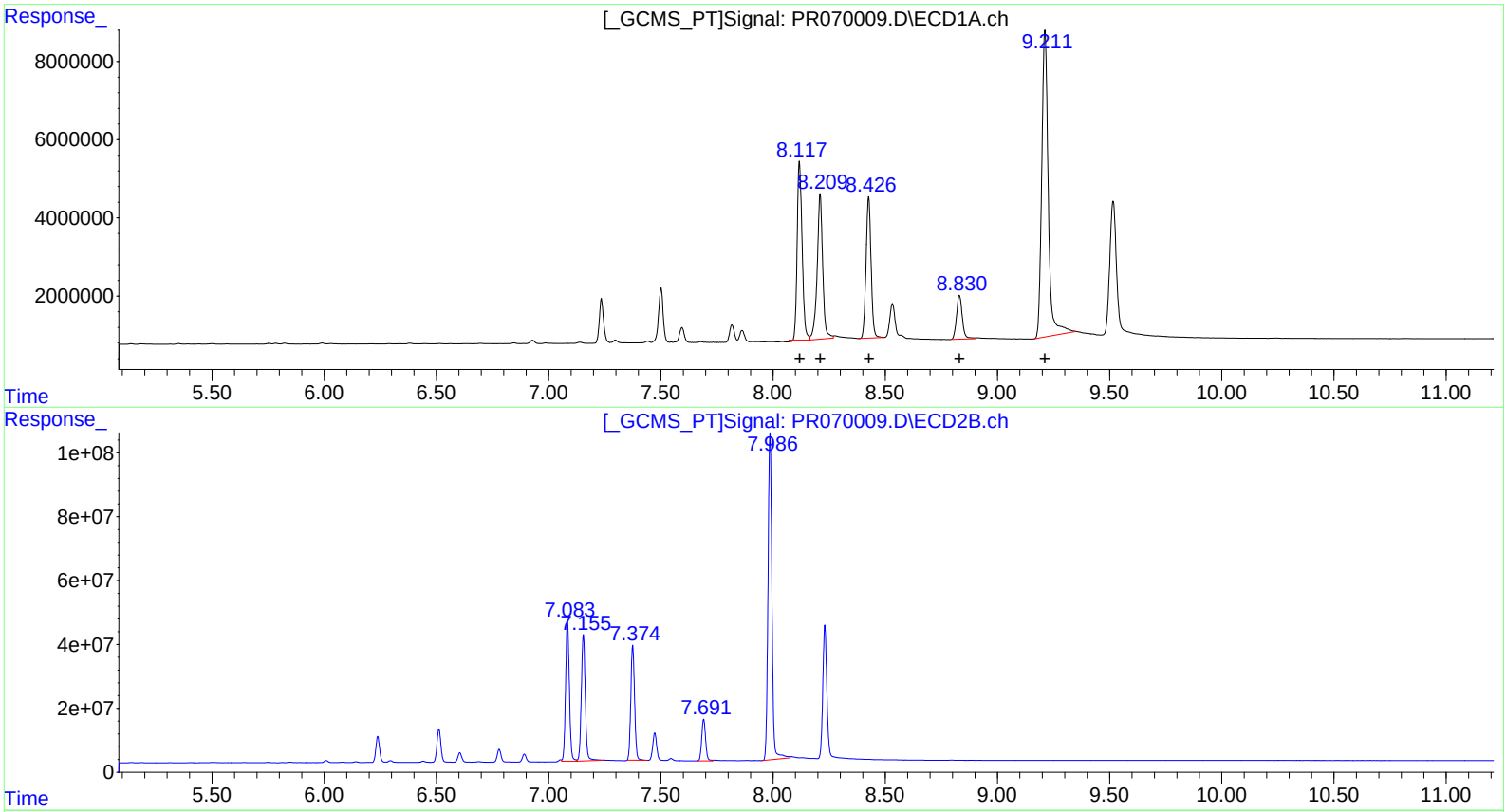
Instrument :
ECD_R
LabSampleId :
AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	71133188	777.95
8.21	64076629	773.81
8.43	55984886	774.29
8.83	20089425	838.96
9.21	159628873	795.17

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	521687749	798.50
7.15	485617027	798.11
7.37	420933958	796.67
7.69	158257035	794.48
7.99	1254495369	799.43

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:04
Operator : AJ\MA
Sample : AR1268ICC800
Misc :
ALS Vial : 41 Sample Multiplier: 1

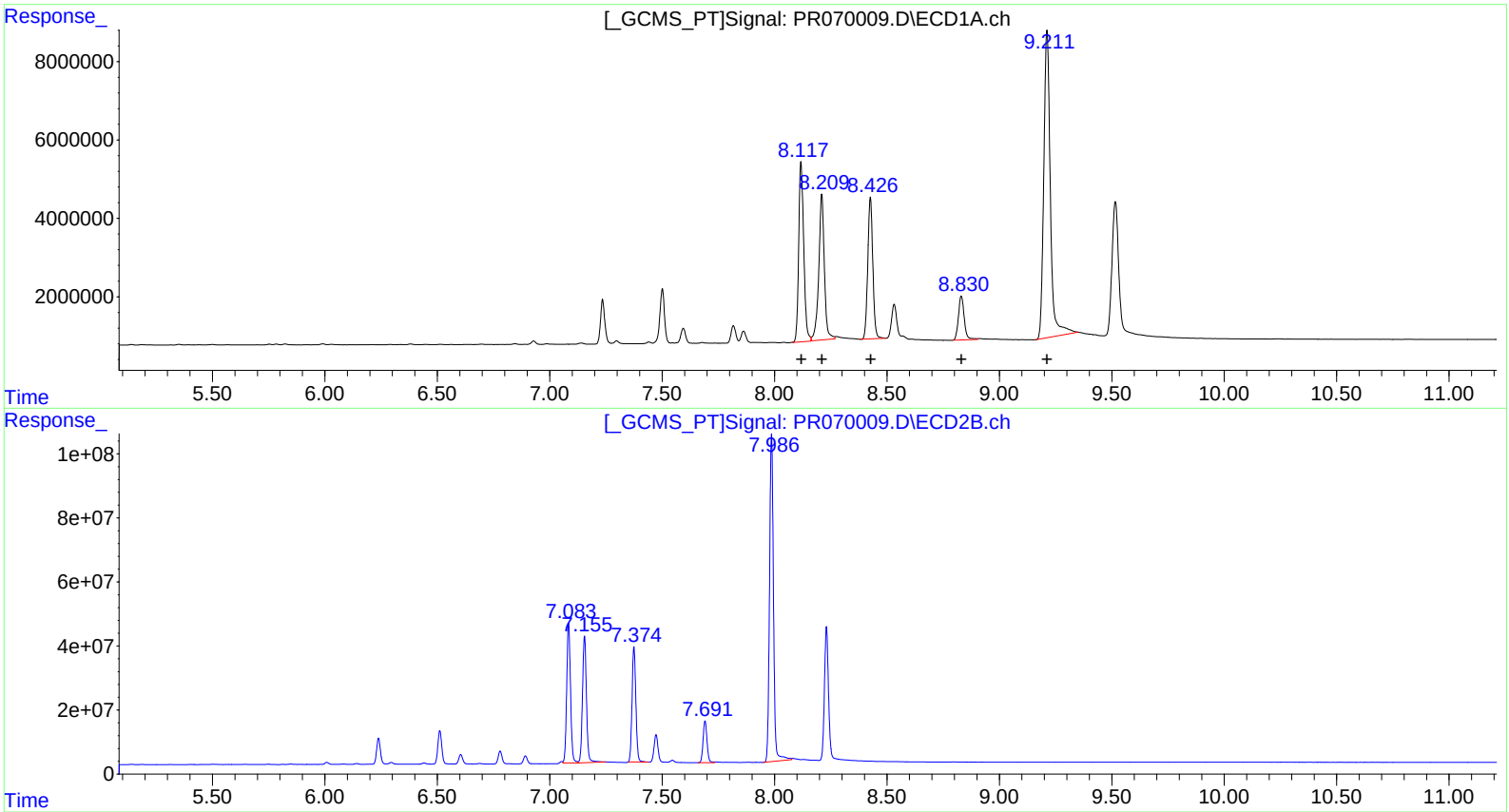
Instrument :
ECD_R
LabSampleId :
AR1268ICC800

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	71381738	780.67
8.21	64076629	773.81
8.43	55984886	774.29
8.83	20089425	838.96
9.21	159628873	795.17

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	521687749	798.50
7.15	485617027	798.11
7.37	420933958	796.67
7.69	158257035	794.48
7.99	1254495369	799.43

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:19
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR12685213

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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...	3.628	2.960	80485512	469.5E6	75.380	73.371
2)	SA Decachlor...	9.517	8.230	135.0E6	999.6E6	142.385	150.467
	Target Compounds						
41)	L9 AR-1268-1	8.120	7.084	134.8E6	1003.1E6	1474.339m	1535.398
42)	L9 AR-1268-2	8.211	7.154	121.9E6	931.4E6	1472.578	1530.723
43)	L9 AR-1268-3	8.427	7.374	105.9E6	807.3E6	1463.953	1527.860
44)	L9 AR-1268-4	8.832	7.690	37258958	300.0E6	1555.978	1506.270
45)	L9 AR-1268-5	9.211	7.985	309.1E6	2417.5E6	1539.782	1540.565

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:19
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

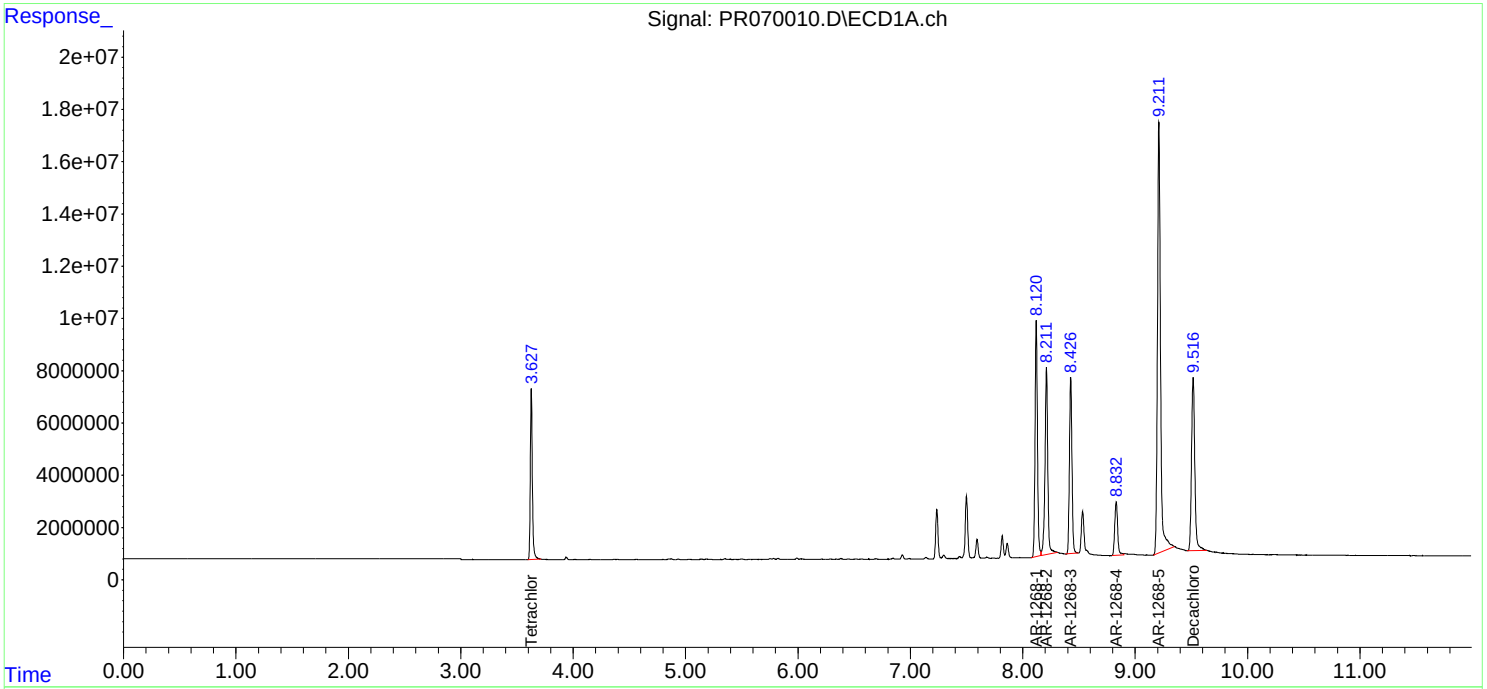
Instrument :
ECD_R
ClientSampleId :
AR12685213

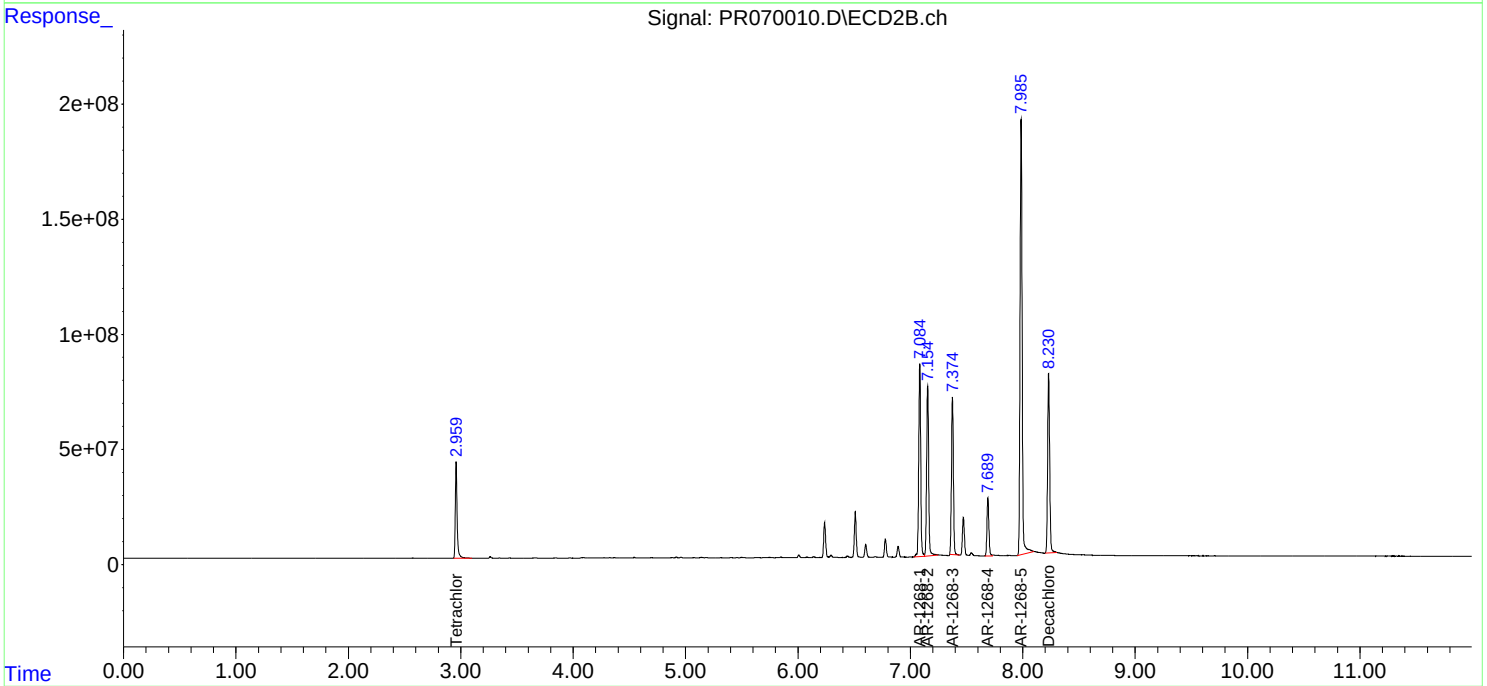
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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





Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:19
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

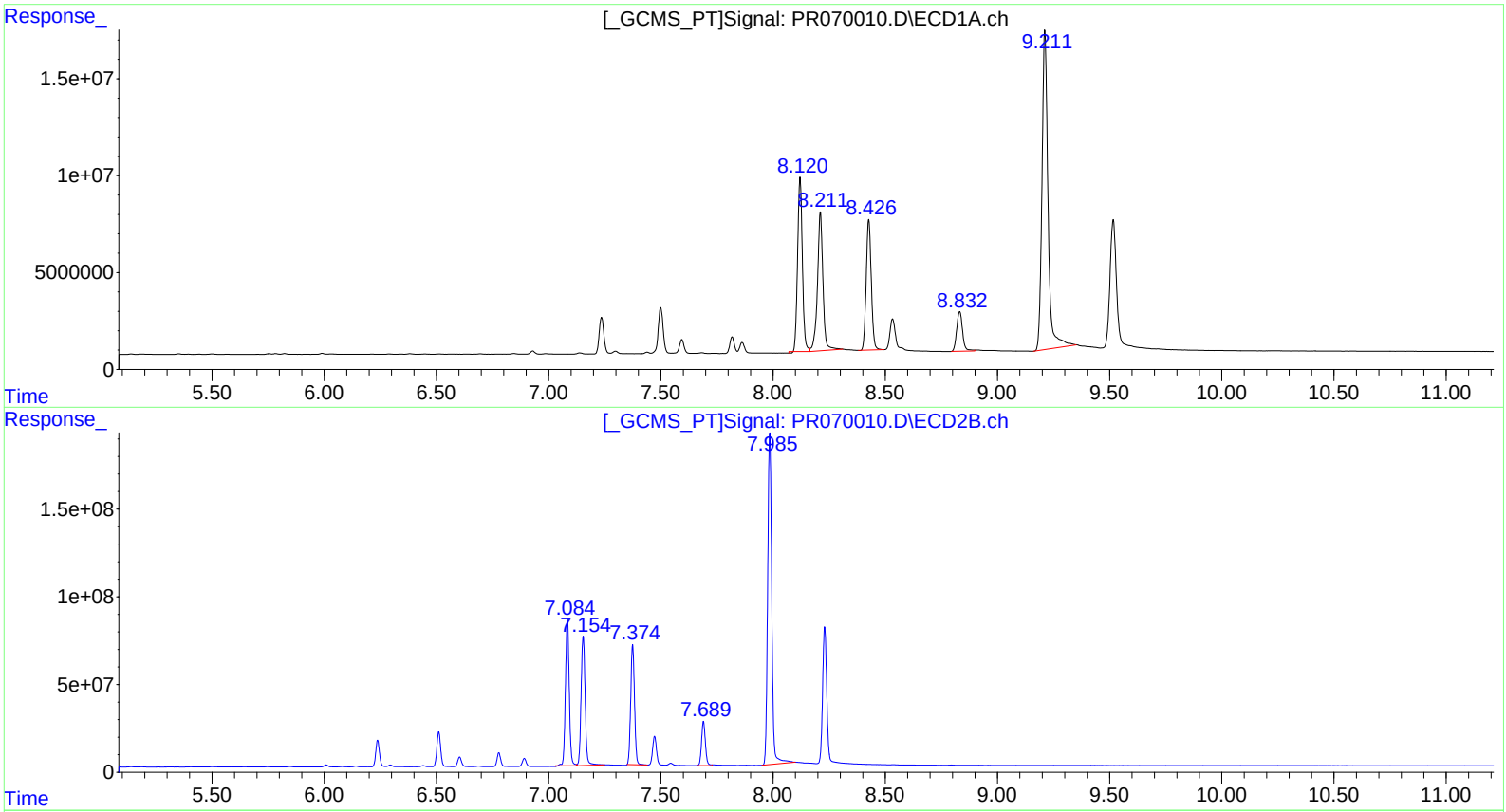
Instrument :
ECD_R
LabSampleId :
AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	134986014	1476.27
8.21	121938995	1472.58
8.43	105851330	1463.95
8.83	37258958	1555.98
9.21	309109262	1539.78

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	1003131366	1535.40
7.15	931381899	1530.72
7.37	807273361	1527.86
7.69	300041113	1506.27
7.99	2417497519	1540.57

(+) = Expected Retention Time

Quantitation Report (Qedit)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR070010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2025 02:19
Operator : AJ\MA
Sample : AR1268ICC1600
Misc :
ALS Vial : 42 Sample Multiplier: 1

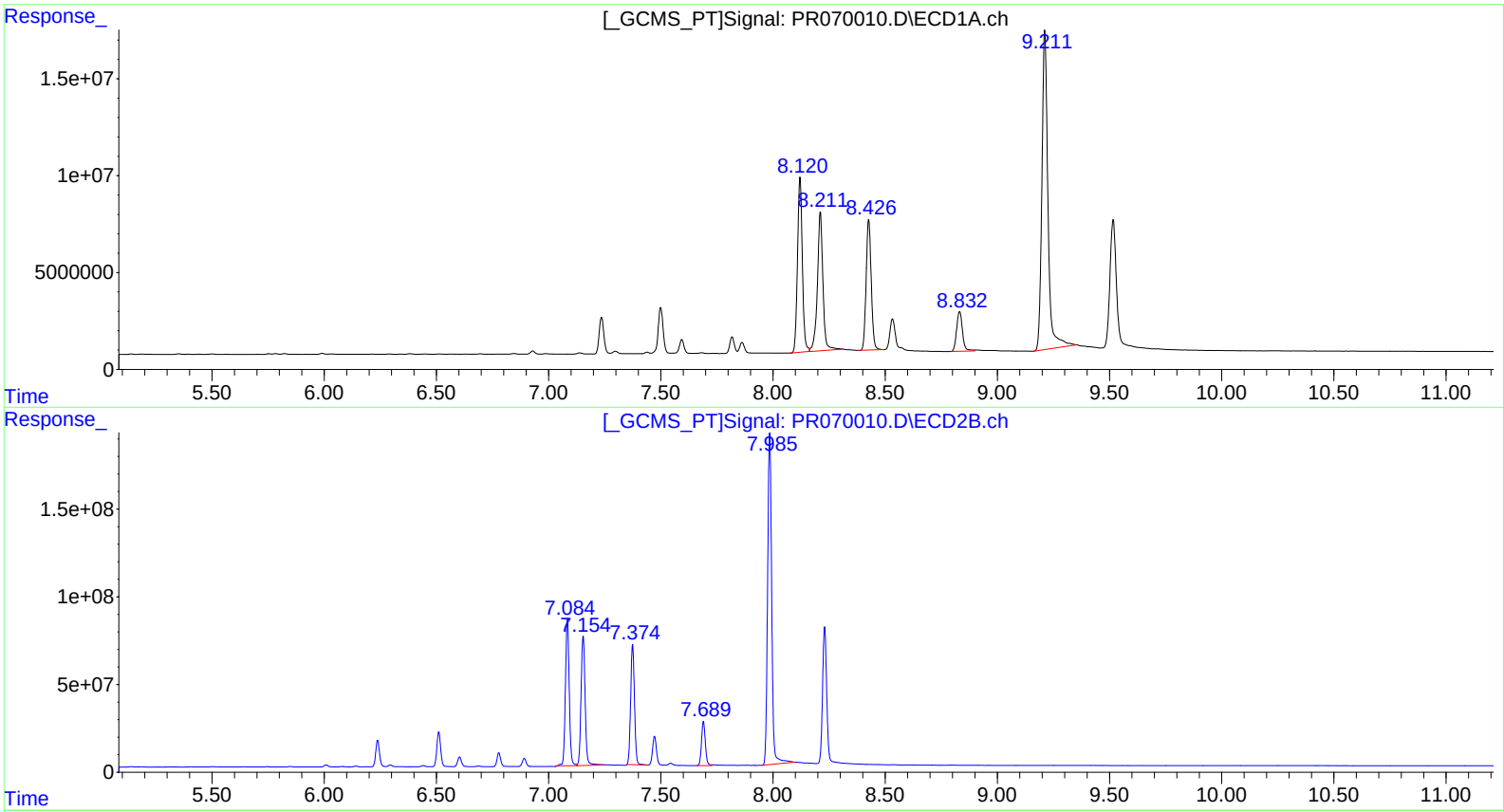
Instrument :
ECD_R
LabSampleId :
AR1268ICC1600

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 00:48:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 00:46:54 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
8.12	134809209	1474.34
8.21	121938995	1472.58
8.43	105851330	1463.95
8.83	37258958	1555.98
9.21	309109262	1539.78

(41) AR-1268-1 #2 (L9)

R.T.	Response	Conc
7.08	1003131366	1535.40
7.15	931381899	1530.72
7.37	807273361	1527.86
7.69	300041113	1506.27
7.99	2417497519	1540.57

(+) = Expected Retention Time

Raw Data: **PR070041.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Continuing Calib Date: 01/21/2025 **Initial Calibration Date(s):** 01/16/2025 01/17/2025

Continuing Calib Time: 08:18 **Initial Calibration Time(s):** 16:46 02:19

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.78	4.92	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.80	4.94	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.86	5.00	0.00
Aroclor-1016-4	(4)	5.04	5.04	4.97	5.11	0.00
Aroclor-1016-5	(5)	5.35	5.35	5.28	5.42	0.00
Aroclor-1260-1	(1)	6.56	6.56	6.49	6.63	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.78	6.92	0.00
Aroclor-1260-3	(3)	7.24	7.24	7.17	7.31	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.41	7.55	0.00
Aroclor-1260-5	(5)	7.82	7.82	7.75	7.89	0.00
TCX		3.63	3.63	3.58	3.68	0.00
DCB		9.52	9.52	9.42	9.62	0.00

Raw Data: **PR070041.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Continuing Calib Date: 01/21/2025 **Initial Calibration Date(s):** 01/16/2025 01/17/2025

Continuing Calib Time: 08:18 **Initial Calibration Time(s):** 16:46 02:19

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.08	4.08	4.01	4.15	0.00
Aroclor-1016-2	(2)	4.10	4.10	4.03	4.17	0.01
Aroclor-1016-3	(3)	4.28	4.28	4.21	4.35	0.00
Aroclor-1016-4	(4)	4.33	4.33	4.26	4.40	0.00
Aroclor-1016-5	(5)	4.55	4.55	4.48	4.62	0.00
Aroclor-1260-1	(1)	5.64	5.64	5.57	5.71	0.00
Aroclor-1260-2	(2)	5.85	5.85	5.78	5.92	0.00
Aroclor-1260-3	(3)	6.00	6.01	5.94	6.08	0.01
Aroclor-1260-4	(4)	6.51	6.51	6.44	6.58	0.00
Aroclor-1260-5	(5)	6.78	6.78	6.71	6.85	0.00
TCX		2.96	2.96	2.91	3.01	0.00
DCB		8.23	8.23	8.13	8.33	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/16/2025 01/16/2025

Client Sample No.: CCAL01 **Date Analyzed:** 01/21/2025

Lab Sample No.: AR1660CCC400 **Data File :** PR070041.D **Time Analyzed:** 08:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.848	4.748	4.948	28147810.000	26952600.000	-4.2
Aroclor-1016-2	4.871	4.770	4.970	44488680.000	43163000.000	-3.0
Aroclor-1016-3	4.934	4.834	5.034	28020020.000	27000200.000	-3.6
Aroclor-1016-4	5.036	4.936	5.136	21300440.000	20393400.000	-4.3
Aroclor-1016-5	5.351	5.250	5.450	23842170.000	22261100.000	-6.6
Aroclor-1260-1	6.562	6.463	6.663	41448590.000	38650900.000	-6.8
Aroclor-1260-2	6.846	6.745	6.945	43262170.000	41378800.000	-4.4
Aroclor-1260-3	7.236	7.135	7.335	36130430.000	34617800.000	-4.2
Aroclor-1260-4	7.478	7.379	7.579	39102050.000	37045900.000	-5.3
Aroclor-1260-5	7.820	7.720	7.920	62626270.000	59721300.000	-4.6
DCB	9.517	9.417	9.617	517457800.000	496549000.000	-4.1
TCX	3.629	3.528	3.728	1116257000.000	1046960000.000	-6.2

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/16/2025 01/16/2025

Client Sample No.: CCAL01 **Date Analyzed:** 01/21/2025

Lab Sample No.: AR1660CCC400 **Data File :** PR070041.D **Time Analyzed:** 08:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.077	3.978	4.178	180235200.000	165658000.000	-8.1
Aroclor-1016-2	4.095	3.996	4.196	264477200.000	248764000.000	-5.9
Aroclor-1016-3	4.275	4.176	4.376	140422600.000	129783000.000	-7.6
Aroclor-1016-4	4.326	4.227	4.427	124420800.000	113069000.000	-9.1
Aroclor-1016-5	4.545	4.445	4.645	150359800.000	135431000.000	-9.9
Aroclor-1260-1	5.639	5.540	5.740	249242700.000	226107000.000	-9.3
Aroclor-1260-2	5.846	5.747	5.947	272617200.000	252146000.000	-7.5
Aroclor-1260-3	6.004	5.905	6.105	272281900.000	249646000.000	-8.3
Aroclor-1260-4	6.511	6.413	6.613	228965500.000	208207000.000	-9.1
Aroclor-1260-5	6.777	6.679	6.879	488567400.000	450283000.000	-7.8
DCB	8.228	8.133	8.333	3514619000.000	3247140000.000	-7.6
TCX	2.959	2.861	3.061	6357247000.000	5892850000.000	-7.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 08:18
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603307

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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...	3.629	2.959	20939223	117.9E6	18.758	18.539
2)	SA Decachlor...	9.517	8.228	19861950	129.9E6	38.384	36.956
	Target Compounds						
3)	L1 AR-1016-1	4.848	4.077	10781020	66263379	383.014	367.650
4)	L1 AR-1016-2	4.871	4.095	17265182	99505701	388.080	376.235
5)	L1 AR-1016-3	4.934	4.275	10800085	51913213	385.442	369.693
6)	L1 AR-1016-4	5.036	4.326	8157351	45227605	382.966	363.505
7)	L1 AR-1016-5	5.351	4.545	8904428	54172516	373.474	360.286
31)	L7 AR-1260-1	6.562	5.639	15460345	90442972	373.001	362.871
32)	L7 AR-1260-2	6.846	5.846	16551506	100.9E6	382.586	369.963
33)	L7 AR-1260-3	7.236	6.004	13847114	99858541	383.253	366.747
34)	L7 AR-1260-4	7.478	6.511	14818374	83282720	378.967	363.735
35)	L7 AR-1260-5	7.820	6.777	23888502	180.1E6	381.445	368.656

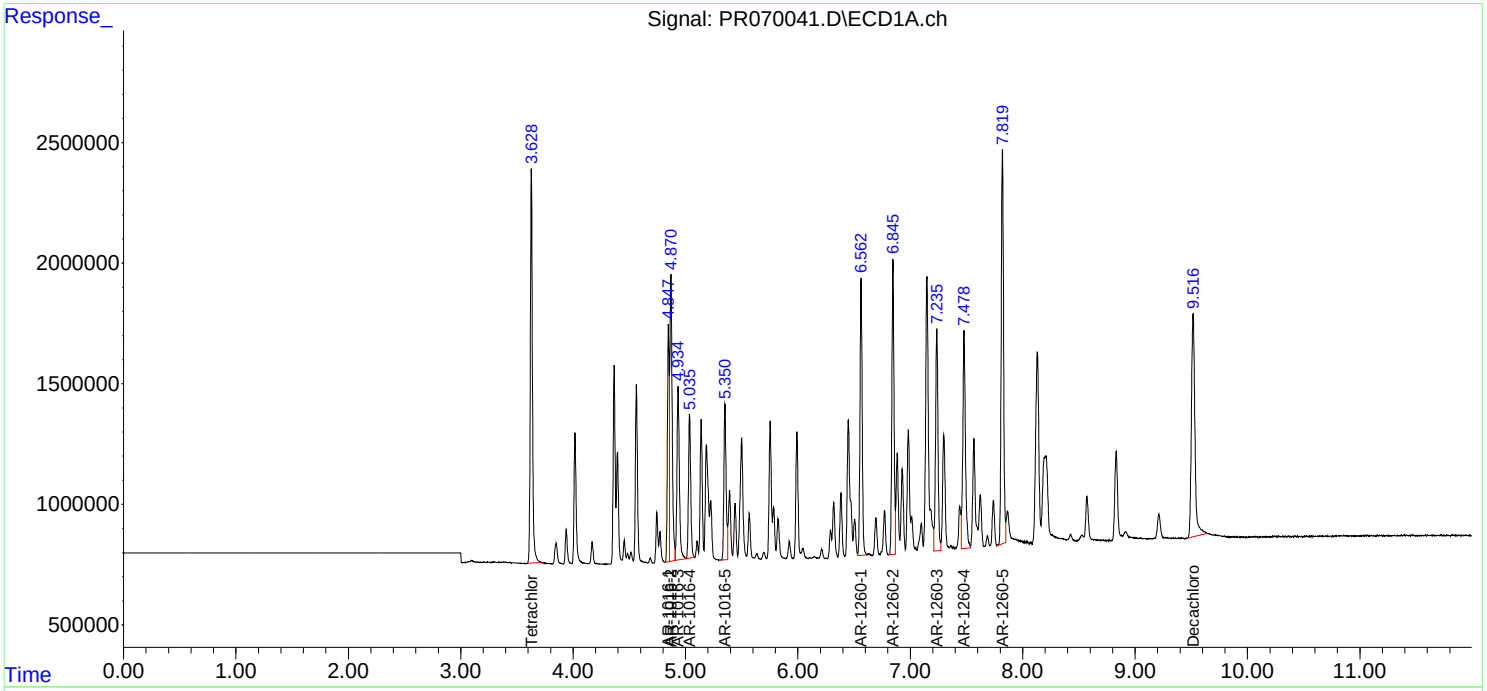
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

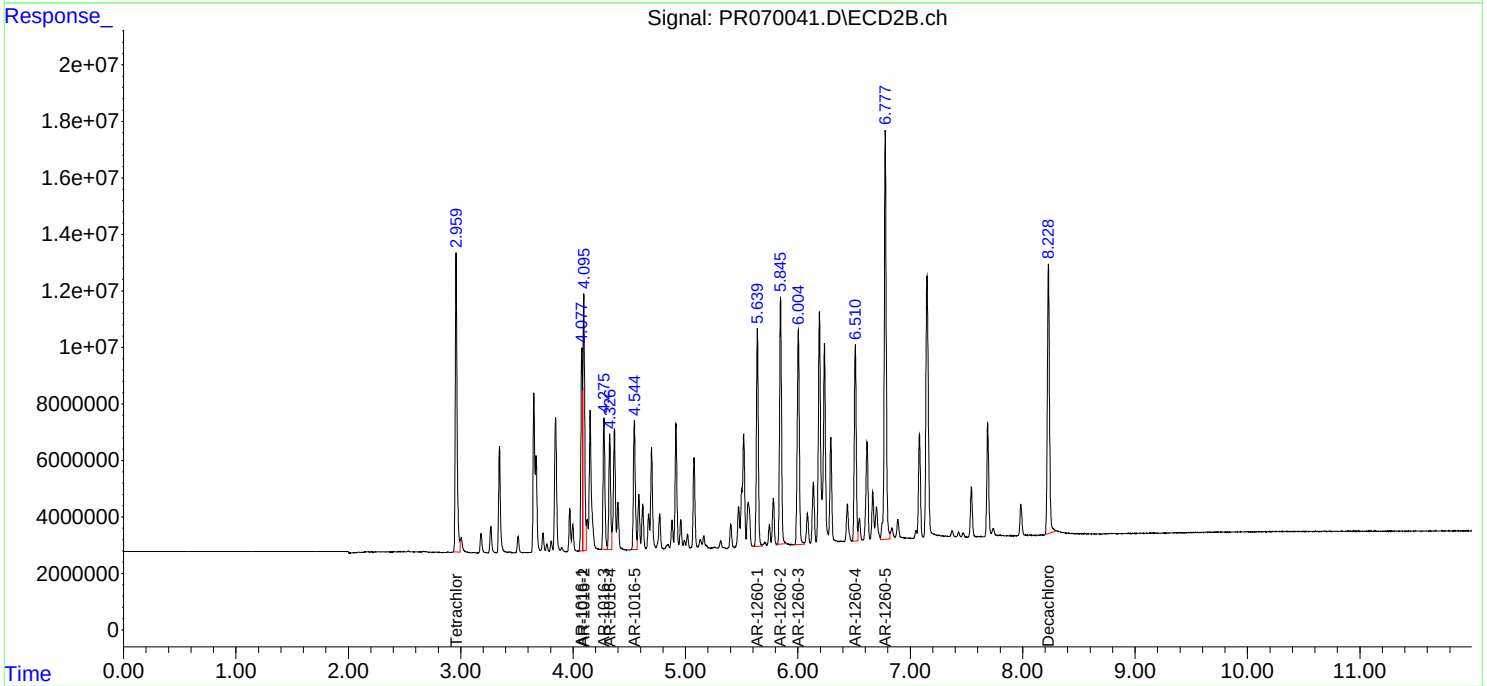
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 08:18
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603307

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





Raw Data: **PR070045.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Continuing Calib Date: 01/21/2025 **Initial Calibration Date(s):** 01/16/2025 01/17/2025

Continuing Calib Time: 11:33 **Initial Calibration Time(s):** 16:46 02:19

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.78	4.92	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.80	4.94	0.00
Aroclor-1016-3	(3)	4.93	4.93	4.86	5.00	0.00
Aroclor-1016-4	(4)	5.04	5.04	4.97	5.11	0.00
Aroclor-1016-5	(5)	5.35	5.35	5.28	5.42	0.00
Aroclor-1260-1	(1)	6.56	6.56	6.49	6.63	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.78	6.92	0.01
Aroclor-1260-3	(3)	7.24	7.24	7.17	7.31	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.41	7.55	0.00
Aroclor-1260-5	(5)	7.82	7.82	7.75	7.89	0.00
TCX		3.63	3.63	3.58	3.68	0.00
DCB		9.51	9.52	9.42	9.62	0.01

Raw Data: **PR070045.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

Continuing Calib Date: 01/21/2025 **Initial Calibration Date(s):** 01/16/2025 01/17/2025

Continuing Calib Time: 11:33 **Initial Calibration Time(s):** 16:46 02:19

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.08	4.08	4.01	4.15	0.00
Aroclor-1016-2	(2)	4.10	4.10	4.03	4.17	0.00
Aroclor-1016-3	(3)	4.28	4.28	4.21	4.35	0.00
Aroclor-1016-4	(4)	4.33	4.33	4.26	4.40	0.00
Aroclor-1016-5	(5)	4.54	4.55	4.48	4.62	0.01
Aroclor-1260-1	(1)	5.64	5.64	5.57	5.71	0.00
Aroclor-1260-2	(2)	5.85	5.85	5.78	5.92	0.00
Aroclor-1260-3	(3)	6.00	6.01	5.94	6.08	0.01
Aroclor-1260-4	(4)	6.51	6.51	6.44	6.58	0.00
Aroclor-1260-5	(5)	6.78	6.78	6.71	6.85	0.00
TCX		2.96	2.96	2.91	3.01	0.00
DCB		8.23	8.23	8.13	8.33	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/16/2025 01/16/2025

Client Sample No.: CCAL02 **Date Analyzed:** 01/21/2025

Lab Sample No.: AR1660CCC400 **Data File :** PR070045.D **Time Analyzed:** 11:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.848	4.748	4.948	28147810.000	27774100.000	-1.3
Aroclor-1016-2	4.870	4.770	4.970	44488680.000	43594600.000	-2.0
Aroclor-1016-3	4.934	4.834	5.034	28020020.000	27123500.000	-3.2
Aroclor-1016-4	5.036	4.936	5.136	21300440.000	20578000.000	-3.4
Aroclor-1016-5	5.350	5.250	5.450	23842170.000	22673700.000	-4.9
Aroclor-1260-1	6.562	6.463	6.663	41448590.000	40000200.000	-3.5
Aroclor-1260-2	6.845	6.745	6.945	43262170.000	41752200.000	-3.5
Aroclor-1260-3	7.235	7.135	7.335	36130430.000	34802000.000	-3.7
Aroclor-1260-4	7.478	7.379	7.579	39102050.000	37576900.000	-3.9
Aroclor-1260-5	7.819	7.720	7.920	62626270.000	60036200.000	-4.1
DCB	9.514	9.417	9.617	517457800.000	528141000.000	2.1
TCX	3.628	3.528	3.728	1116257000.000	1064020000.000	-4.7

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CALIBRATION VERIFICATION SUMMARY

Contract: CHEM02

Lab Code: CHEM **Case No.:** Q1124 **SAS No.:** Q1124 **SDG NO.:** Q1124

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/16/2025 01/16/2025

Client Sample No.: CCAL02 **Date Analyzed:** 01/21/2025

Lab Sample No.: AR1660CCC400 **Data File :** PR070045.D **Time Analyzed:** 11:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.078	3.978	4.178	180235200.000	170128000.000	-5.6
Aroclor-1016-2	4.096	3.996	4.196	264477200.000	252505000.000	-4.5
Aroclor-1016-3	4.275	4.176	4.376	140422600.000	132526000.000	-5.6
Aroclor-1016-4	4.326	4.227	4.427	124420800.000	115608000.000	-7.1
Aroclor-1016-5	4.544	4.445	4.645	150359800.000	136614000.000	-9.1
Aroclor-1260-1	5.640	5.540	5.740	249242700.000	231669000.000	-7.1
Aroclor-1260-2	5.846	5.747	5.947	272617200.000	256016000.000	-6.1
Aroclor-1260-3	6.004	5.905	6.105	272281900.000	254129000.000	-6.7
Aroclor-1260-4	6.511	6.413	6.613	228965500.000	211203000.000	-7.8
Aroclor-1260-5	6.778	6.679	6.879	488567400.000	459995000.000	-5.8
DCB	8.229	8.133	8.333	3514619000.000	3505120000.000	-0.3
TCX	2.959	2.861	3.061	6357247000.000	5989180000.000	-5.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:33
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603308

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:15:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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...	3.628	2.959	21280337	119.8E6	19.064	18.842
2)	SA Decachlor...	9.514	8.229	21125654	140.2E6	40.826	39.892
	Target Compounds						
3)	L1 AR-1016-1	4.848	4.078	11109627	68051099	394.689	377.568
4)	L1 AR-1016-2	4.870	4.096	17437828	101.0E6	391.961	381.893
5)	L1 AR-1016-3	4.934	4.275	10849398	53010242	387.202	377.505
6)	L1 AR-1016-4	5.036	4.326	8231200	46243139	386.433	371.667
7)	L1 AR-1016-5	5.350	4.544	9069474	54645544	380.396	363.432
31)	L7 AR-1260-1	6.562	5.640	16000060	92667509	386.022	371.796
32)	L7 AR-1260-2	6.845	5.846	16700865	102.4E6	386.039	375.641
33)	L7 AR-1260-3	7.235	6.004	13920818	101.7E6	385.293	373.332
34)	L7 AR-1260-4	7.478	6.511	15030746	84481105	384.398	368.969
35)	L7 AR-1260-5	7.819	6.778	24014499	184.0E6	383.457	376.607

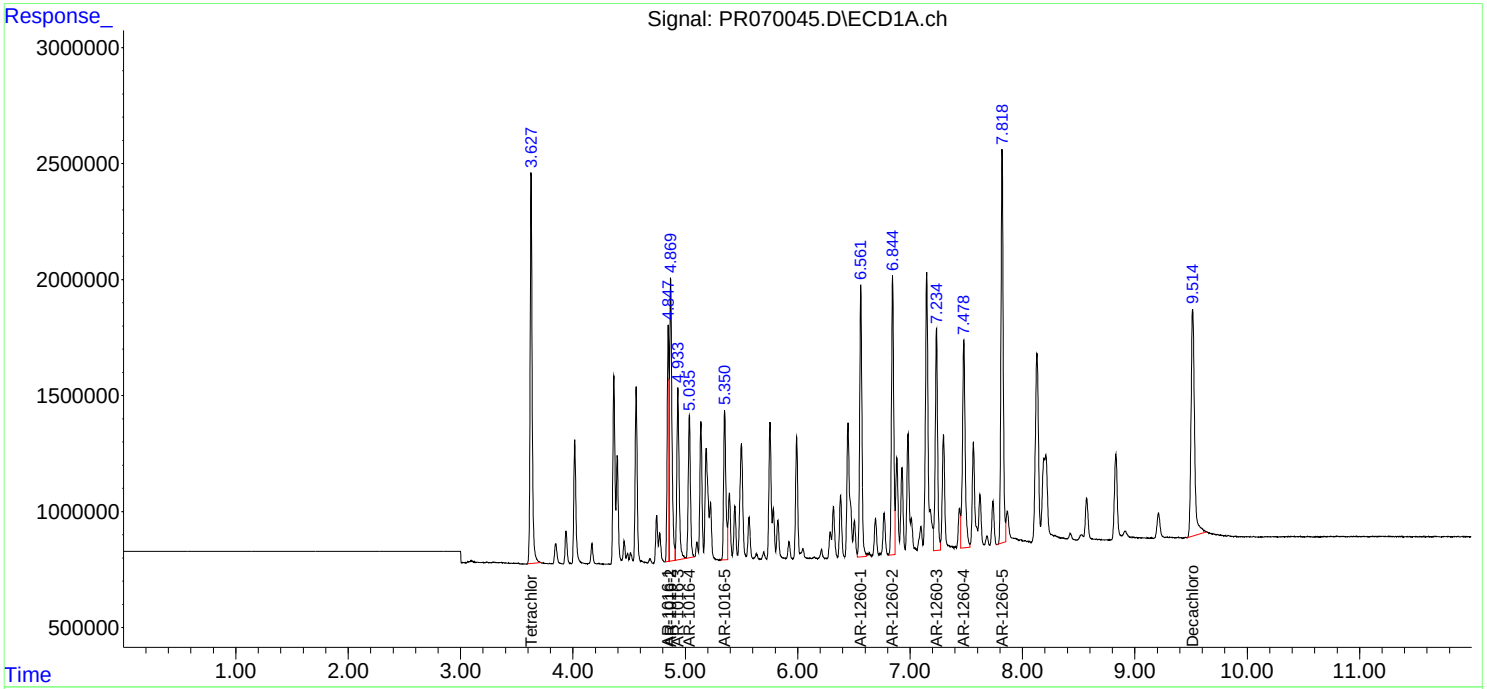
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

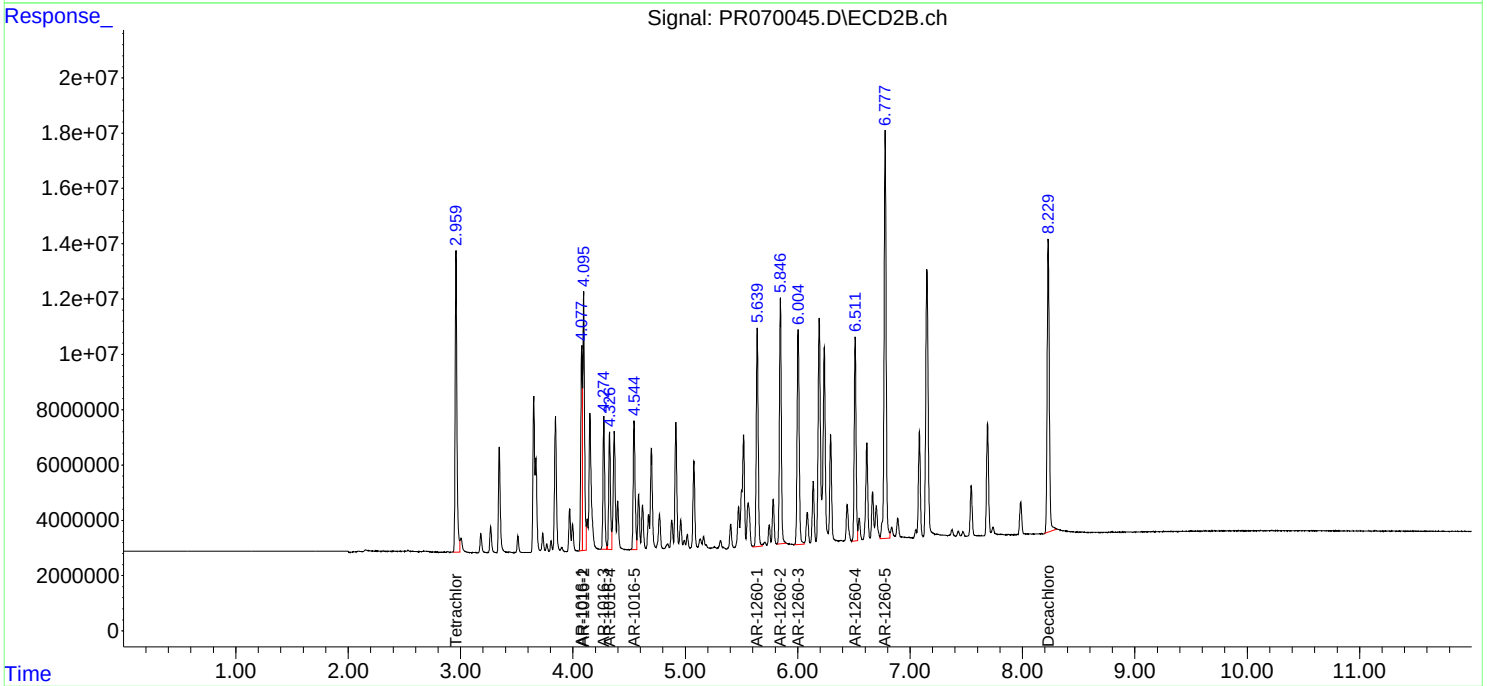
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:33
Operator : AJ\MA
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR16603308

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:15:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





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Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** Q1124

Project: Weekly Storage Blanks **Instrument ID:** ECD_R

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/16/2025 01/16/2025

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 #
AIBLK156	AIBLK084	01/16/2025	16:32	PR069970.D	9.52	3.63
AR16601224	AR1660ICC100	01/16/2025	16:46	PR069971.D	9.52	3.63
AR16602225	AR1660ICC200	01/16/2025	17:01	PR069972.D	9.52	3.63
AR16603226	AR1660ICC400	01/16/2025	17:16	PR069973.D	9.52	3.63
AR16604227	AR1660ICC800	01/16/2025	17:30	PR069974.D	9.52	3.63
AR16605228	AR1660ICC1600	01/16/2025	17:45	PR069975.D	9.52	3.63
AR12211229	AR1221ICC100	01/16/2025	18:00	PR069976.D	9.52	3.63
AR12212230	AR1221ICC200	01/16/2025	18:14	PR069977.D	9.52	3.63
AR12213231	AR1221ICC400	01/16/2025	18:29	PR069978.D	9.52	3.63
AR12214232	AR1221ICC800	01/16/2025	18:44	PR069979.D	9.52	3.63
AR12215233	AR1221ICC1600	01/16/2025	18:58	PR069980.D	9.52	3.63
AR12321234	AR1232ICC100	01/16/2025	19:13	PR069981.D	9.52	3.63
AR12322235	AR1232ICC200	01/16/2025	19:28	PR069982.D	9.52	3.63
AR12323236	AR1232ICC400	01/16/2025	19:42	PR069983.D	9.52	3.63
AR12324237	AR1232ICC800	01/16/2025	19:57	PR069984.D	9.52	3.63
AR12325238	AR1232ICC1600	01/16/2025	20:12	PR069985.D	9.52	3.63
AR12421239	AR1242ICC100	01/16/2025	20:26	PR069986.D	9.52	3.63
AR12422240	AR1242ICC200	01/16/2025	20:41	PR069987.D	9.52	3.63
AR12423241	AR1242ICC400	01/16/2025	20:56	PR069988.D	9.52	3.63
AR12424242	AR1242ICC800	01/16/2025	21:11	PR069989.D	9.52	3.63
AR12425243	AR1242ICC1600	01/16/2025	21:25	PR069990.D	9.52	3.63
AR12481244	AR1248ICC100	01/16/2025	21:40	PR069991.D	9.52	3.63
AR12482245	AR1248ICC200	01/16/2025	21:55	PR069992.D	9.52	3.63
AR12483246	AR1248ICC400	01/16/2025	22:09	PR069993.D	9.52	3.63
AR12484247	AR1248ICC800	01/16/2025	22:24	PR069994.D	9.52	3.63
AR12485248	AR1248ICC1600	01/16/2025	22:39	PR069995.D	9.52	3.63
AR12541249	AR1254ICC100	01/16/2025	22:53	PR069996.D	9.52	3.63
AR12542250	AR1254ICC200	01/16/2025	23:08	PR069997.D	9.52	3.63
AR12543201	AR1254ICC400	01/16/2025	23:23	PR069998.D	9.52	3.63
AR12544202	AR1254ICC800	01/16/2025	23:37	PR069999.D	9.52	3.63
AR12545203	AR1254ICC1600	01/16/2025	23:52	PR070000.D	9.52	3.63
AR12621204	AR1262ICC100	01/17/2025	00:07	PR070001.D	9.52	3.63
AR12622205	AR1262ICC200	01/17/2025	00:21	PR070002.D	9.52	3.63
AR12623206	AR1262ICC400	01/17/2025	00:36	PR070003.D	9.52	3.63
AR12624207	AR1262ICC800	01/17/2025	00:51	PR070004.D	9.52	3.63
AR12625208	AR1262ICC1600	01/17/2025	01:06	PR070005.D	9.52	3.63
AR12681209	AR1268ICC100	01/17/2025	01:20	PR070006.D	9.52	3.63
AR12682210	AR1268ICC200	01/17/2025	01:35	PR070007.D	9.51	3.63
AR12683211	AR1268ICC400	01/17/2025	01:50	PR070008.D	9.52	3.63
AR12684212	AR1268ICC800	01/17/2025	02:04	PR070009.D	9.52	3.63
AR12685213	AR1268ICC1600	01/17/2025	02:19	PR070010.D	9.52	3.63
AIBLK160	AIBLK088	01/21/2025	08:04	PR070040.D	9.52	3.63

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Analytical Sequence

AR16603307	AR1660CCC400	01/21/2025	08:18	PR070041.D	9.52	3.63
PCB-GPC2-BLANK	Q1124-13	01/21/2025	10:49	PR070042.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1124-14	01/21/2025	11:03	PR070043.D	0.00	0.00
AIBLK161	AIBLK089	01/21/2025	11:18	PR070044.D	9.52	3.63
AR16603308	AR1660CCC400	01/21/2025	11:33	PR070045.D	9.51	3.63

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Analytical Sequence

Client: Chemtech Consulting Group **SDG No.:** Q1124

Project: Weekly Storage Blanks **Instrument ID:** ECD_R

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/16/2025 01/16/2025

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 #
AIBLK156	AIBLK084	01/16/2025	16:32	PR069970.D	8.24	2.96
AR16601224	AR1660ICC100	01/16/2025	16:46	PR069971.D	8.24	2.96
AR16602225	AR1660ICC200	01/16/2025	17:01	PR069972.D	8.23	2.96
AR16603226	AR1660ICC400	01/16/2025	17:16	PR069973.D	8.23	2.96
AR16604227	AR1660ICC800	01/16/2025	17:30	PR069974.D	8.23	2.96
AR16605228	AR1660ICC1600	01/16/2025	17:45	PR069975.D	8.23	2.96
AR12211229	AR1221ICC100	01/16/2025	18:00	PR069976.D	8.23	2.96
AR12212230	AR1221ICC200	01/16/2025	18:14	PR069977.D	8.24	2.96
AR12213231	AR1221ICC400	01/16/2025	18:29	PR069978.D	8.24	2.96
AR12214232	AR1221ICC800	01/16/2025	18:44	PR069979.D	8.23	2.96
AR12215233	AR1221ICC1600	01/16/2025	18:58	PR069980.D	8.23	2.96
AR12321234	AR1232ICC100	01/16/2025	19:13	PR069981.D	8.23	2.96
AR12322235	AR1232ICC200	01/16/2025	19:28	PR069982.D	8.23	2.96
AR12323236	AR1232ICC400	01/16/2025	19:42	PR069983.D	8.23	2.96
AR12324237	AR1232ICC800	01/16/2025	19:57	PR069984.D	8.23	2.96
AR12325238	AR1232ICC1600	01/16/2025	20:12	PR069985.D	8.23	2.96
AR12421239	AR1242ICC100	01/16/2025	20:26	PR069986.D	8.23	2.96
AR12422240	AR1242ICC200	01/16/2025	20:41	PR069987.D	8.23	2.96
AR12423241	AR1242ICC400	01/16/2025	20:56	PR069988.D	8.23	2.96
AR12424242	AR1242ICC800	01/16/2025	21:11	PR069989.D	8.23	2.96
AR12425243	AR1242ICC1600	01/16/2025	21:25	PR069990.D	8.23	2.96
AR12481244	AR1248ICC100	01/16/2025	21:40	PR069991.D	8.23	2.96
AR12482245	AR1248ICC200	01/16/2025	21:55	PR069992.D	8.23	2.96
AR12483246	AR1248ICC400	01/16/2025	22:09	PR069993.D	8.23	2.96
AR12484247	AR1248ICC800	01/16/2025	22:24	PR069994.D	8.23	2.96
AR12485248	AR1248ICC1600	01/16/2025	22:39	PR069995.D	8.23	2.96
AR12541249	AR1254ICC100	01/16/2025	22:53	PR069996.D	8.23	2.96
AR12542250	AR1254ICC200	01/16/2025	23:08	PR069997.D	8.23	2.96
AR12543201	AR1254ICC400	01/16/2025	23:23	PR069998.D	8.23	2.96
AR12544202	AR1254ICC800	01/16/2025	23:37	PR069999.D	8.23	2.96
AR12545203	AR1254ICC1600	01/16/2025	23:52	PR070000.D	8.23	2.96
AR12621204	AR1262ICC100	01/17/2025	00:07	PR070001.D	8.23	2.96
AR12622205	AR1262ICC200	01/17/2025	00:21	PR070002.D	8.23	2.96
AR12623206	AR1262ICC400	01/17/2025	00:36	PR070003.D	8.23	2.96
AR12624207	AR1262ICC800	01/17/2025	00:51	PR070004.D	8.23	2.96
AR12625208	AR1262ICC1600	01/17/2025	01:06	PR070005.D	8.23	2.96
AR12681209	AR1268ICC100	01/17/2025	01:20	PR070006.D	8.23	2.96
AR12682210	AR1268ICC200	01/17/2025	01:35	PR070007.D	8.23	2.96
AR12683211	AR1268ICC400	01/17/2025	01:50	PR070008.D	8.23	2.96
AR12684212	AR1268ICC800	01/17/2025	02:04	PR070009.D	8.23	2.96
AR12685213	AR1268ICC1600	01/17/2025	02:19	PR070010.D	8.23	2.96
AIBLK160	AIBLK088	01/21/2025	08:04	PR070040.D	8.23	2.96

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Analytical Sequence

AR16603307	AR1660CCC400	01/21/2025	08:18	PR070041.D	8.23	2.96
PCB-GPC2-BLANK	Q1124-13	01/21/2025	10:49	PR070042.D	0.00	0.00
PCB-GPC2-BLANK-SPIKE	Q1124-14	01/21/2025	11:03	PR070043.D	0.00	0.00
AIBLK161	AIBLK089	01/21/2025	11:18	PR070044.D	8.23	2.96
AR16603308	AR1660CCC400	01/21/2025	11:33	PR070045.D	8.23	2.96

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PCB-GPC2-BLANK-SPIK

Contract: CHEM02

Lab Code: CHEM Case No.: Q1124 SAS No.: Q1124 SDG NO.: Q1124

Lab Sample ID: Q1124-14 Date(s) Analyzed: 01/21/2025 01/21/2025

Instrument ID (1): ECD_R Instrument ID (2): ECD_R

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

Data file PR070043.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.852	4.802	4.902	197		
	2	4.873	4.823	4.923	211		
	3	4.938	4.888	4.988	203		
COLUMN 1	4	5.04	4.99	5.09	197		
	5	5.354	5.304	5.404	195	201	
	1	4.079	4.029	4.129	199		
	2	4.097	4.047	4.147	207		
	3	4.277	4.227	4.327	196		
	4	4.328	4.278	4.378	188		
COLUMN 2	5	4.546	4.496	4.596	186	195	2.9
Aroclor-1260	1	6.566	6.516	6.616	216		
	2	6.851	6.801	6.901	214		
	3	7.242	7.192	7.292	184		
COLUMN 1	4	7.484	7.434	7.534	192		
	5	7.825	7.775	7.875	202	201	
	1	5.641	5.591	5.691	214		
	2	5.846	5.796	5.896	220		
	3	6.004	5.954	6.054	220		
	4	6.511	6.461	6.561	190		
COLUMN 2	5	6.778	6.728	6.828	203	209	3.9

QC SAMPLE DATA

Raw Data: **PR069970.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/16/25
Project:	Weekly Storage Blanks	Date Received:	01/16/25
Client Sample ID:	PIBLK-PR069970.D	SDG No.:	Q1124
Lab Sample ID:	I.BLK-PR069970.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR069970.D	1		01/16/25	PR011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.20		30 - 150	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.41		30 - 150	103%	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_R\Data\PR011625\
Data File : PR069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 16:32
Operator : AJ\MA
Sample : AIBLK084
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK156

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 01:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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...	3.629	2.961	22092259	133.8E6	19.791	21.054
2)	SA Decachlor...	9.519	8.235	21754694	145.2E6	42.041	41.307
	Target Compounds						

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

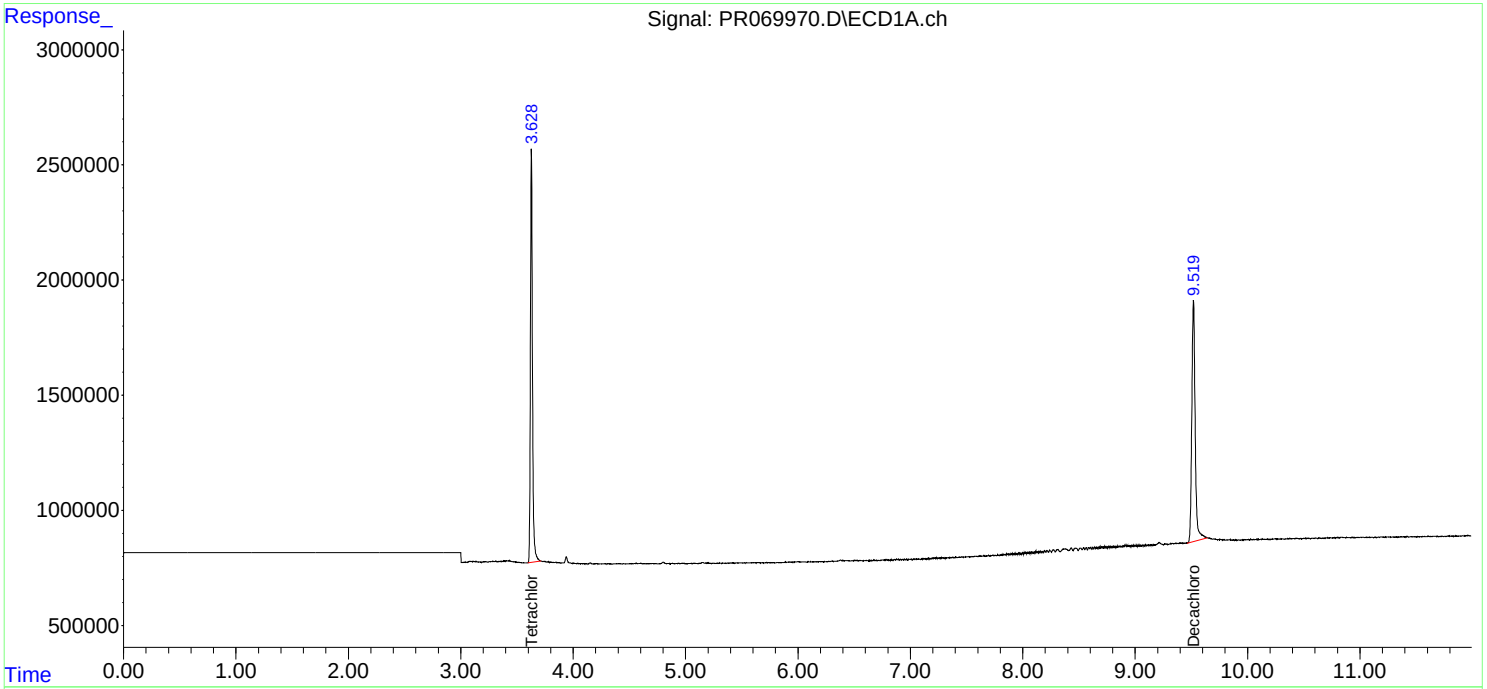
Sample Results: **PR069970.D**

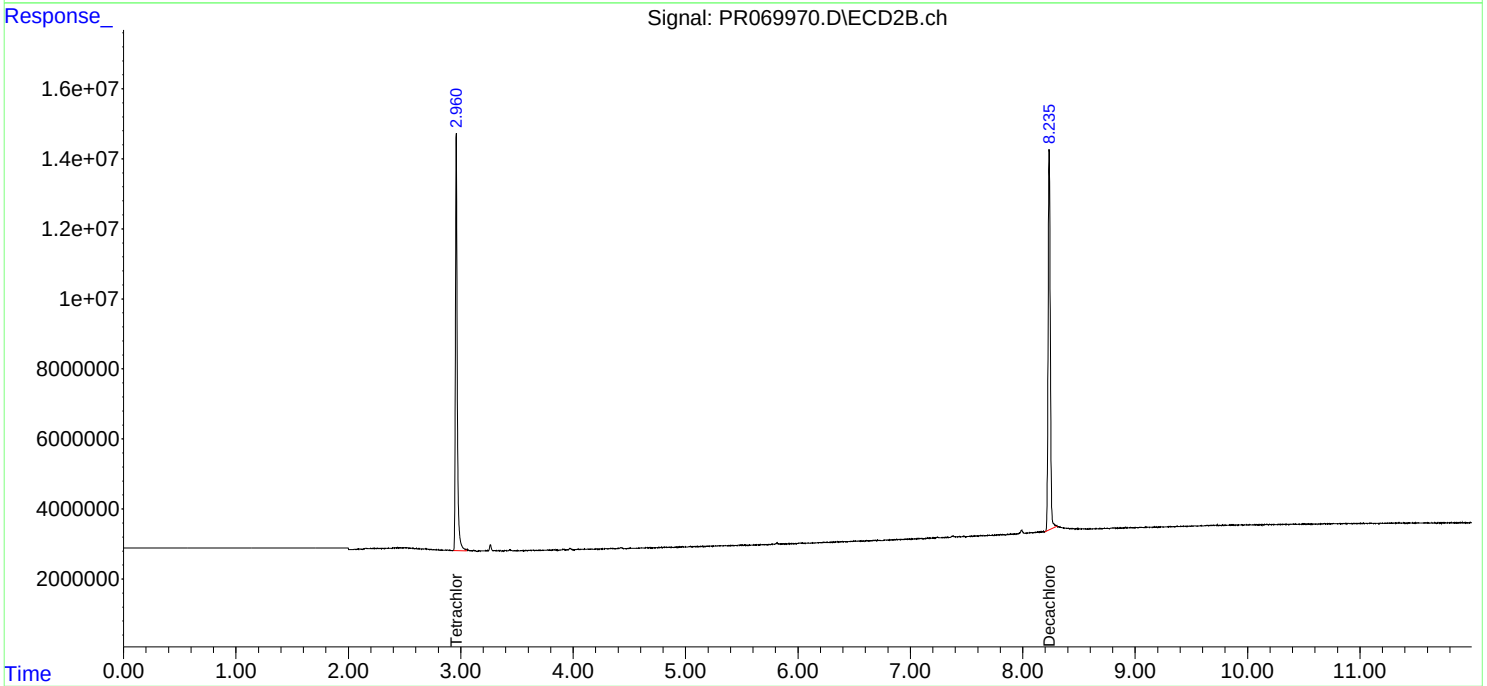
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR011625\
Data File : PR069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 16:32
Operator : AJ\MA
Sample : AIBLK084
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK156

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 18 01:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





Raw Data: **PR070040.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/21/25
Project:	Weekly Storage Blanks	Date Received:	01/21/25
Client Sample ID:	PIBLK-PR070040.D	SDG No.:	Q1124
Lab Sample ID:	I.BLK-PR070040.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR070040.D	1		01/21/25	pr012125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.19		30 - 150	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.39		30 - 150	98%	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_R\Data\PR012125\
Data File : PR070040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 08:04
Operator : AJ\MA
Sample : AIBLK088
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK160

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:13:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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...	3.630	2.959	21437120	127.5E6	19.204	20.052
2)	SA Decachlor...	9.522	8.230	21139627	137.9E6	40.853	39.229
	Target Compounds						

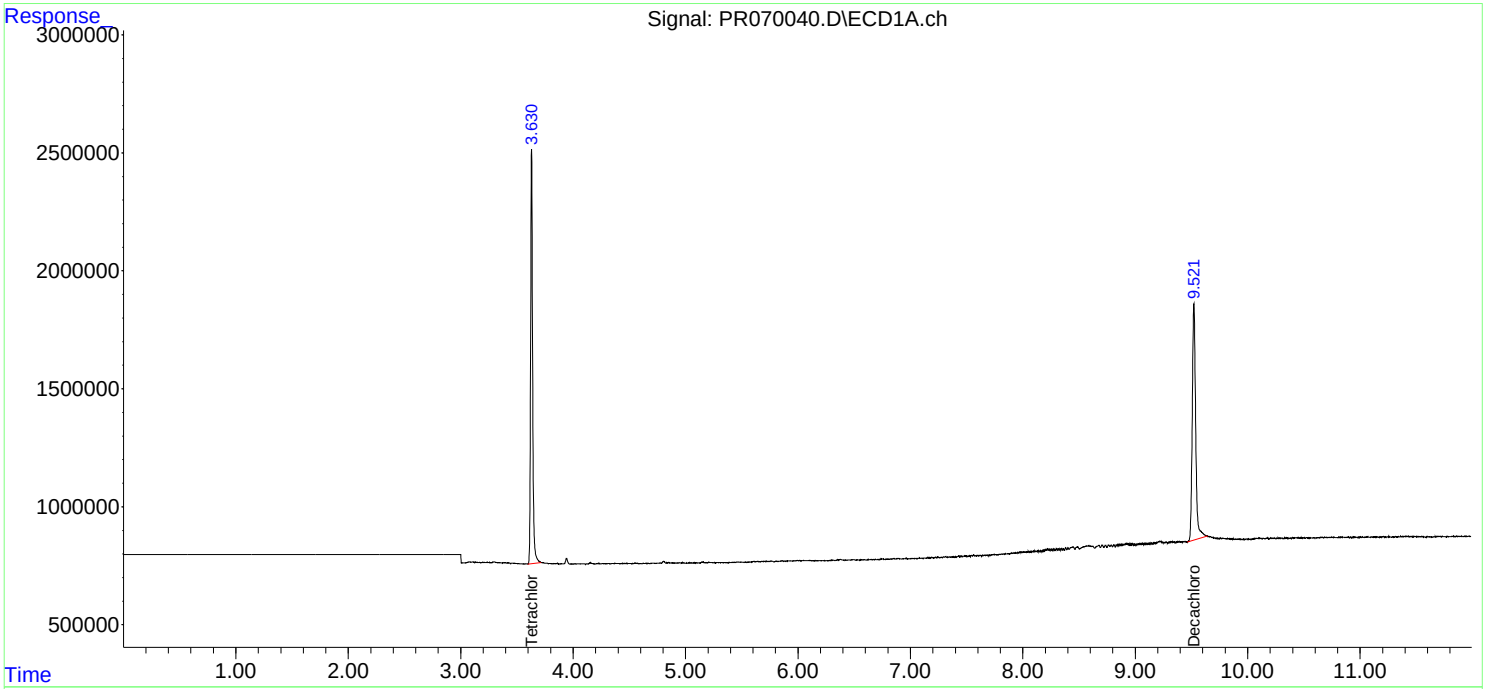
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

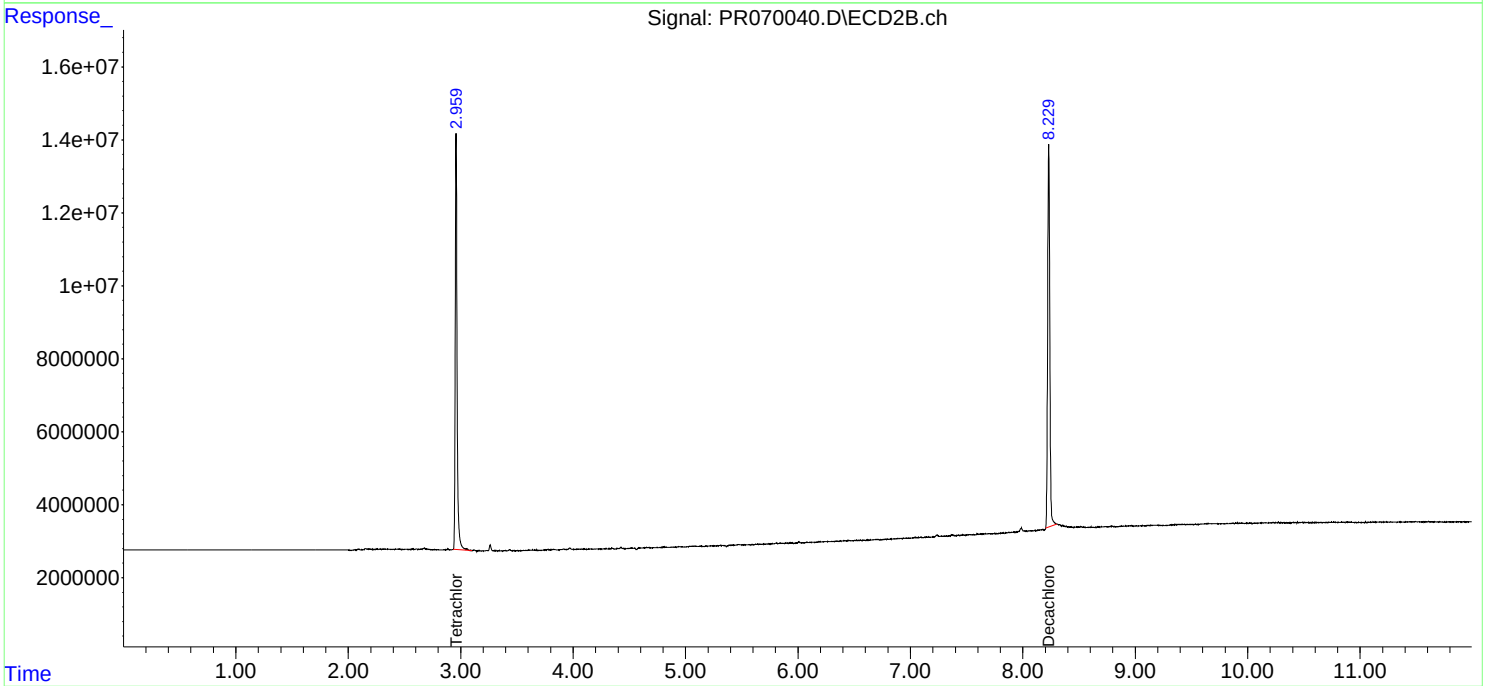
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 08:04
Operator : AJ\MA
Sample : AIBLK088
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK160

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:13:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





Raw Data: **PR070044.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/21/25
Project:	Weekly Storage Blanks	Date Received:	01/21/25
Client Sample ID:	PIBLK-PR070044.D	SDG No.:	Q1124
Lab Sample ID:	I.BLK-PR070044.D	Matrix:	WATER
Analytical Method:	SFAM_PCB	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PR070044.D	1		01/21/25	pr012125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.077	U	0.077	1.00	ug/L
11104-28-2	Aroclor-1221	0.077	U	0.077	1.00	ug/L
11141-16-5	Aroclor-1232	0.077	U	0.077	1.00	ug/L
53469-21-9	Aroclor-1242	0.077	U	0.077	1.00	ug/L
12672-29-6	Aroclor-1248	0.077	U	0.077	1.00	ug/L
11097-69-1	Aroclor-1254	0.077	U	0.077	1.00	ug/L
11096-82-5	Aroclor-1260	0.073	U	0.073	1.00	ug/L
37324-23-5	Aroclor-1262	0.077	U	0.077	1.00	ug/L
11100-14-4	Aroclor-1268	0.077	U	0.077	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0.19		30 - 150	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	0.39		30 - 150	98%	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_R\Data\PR012125\
Data File : PR070044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:18
Operator : AJ\MA
Sample : AIBLK089
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK161

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:15:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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...	3.629	2.959	21333351	126.6E6	19.112	19.911
2)	SA Decachlor...	9.516	8.229	20692352	137.7E6	39.988	39.172
	Target Compounds						

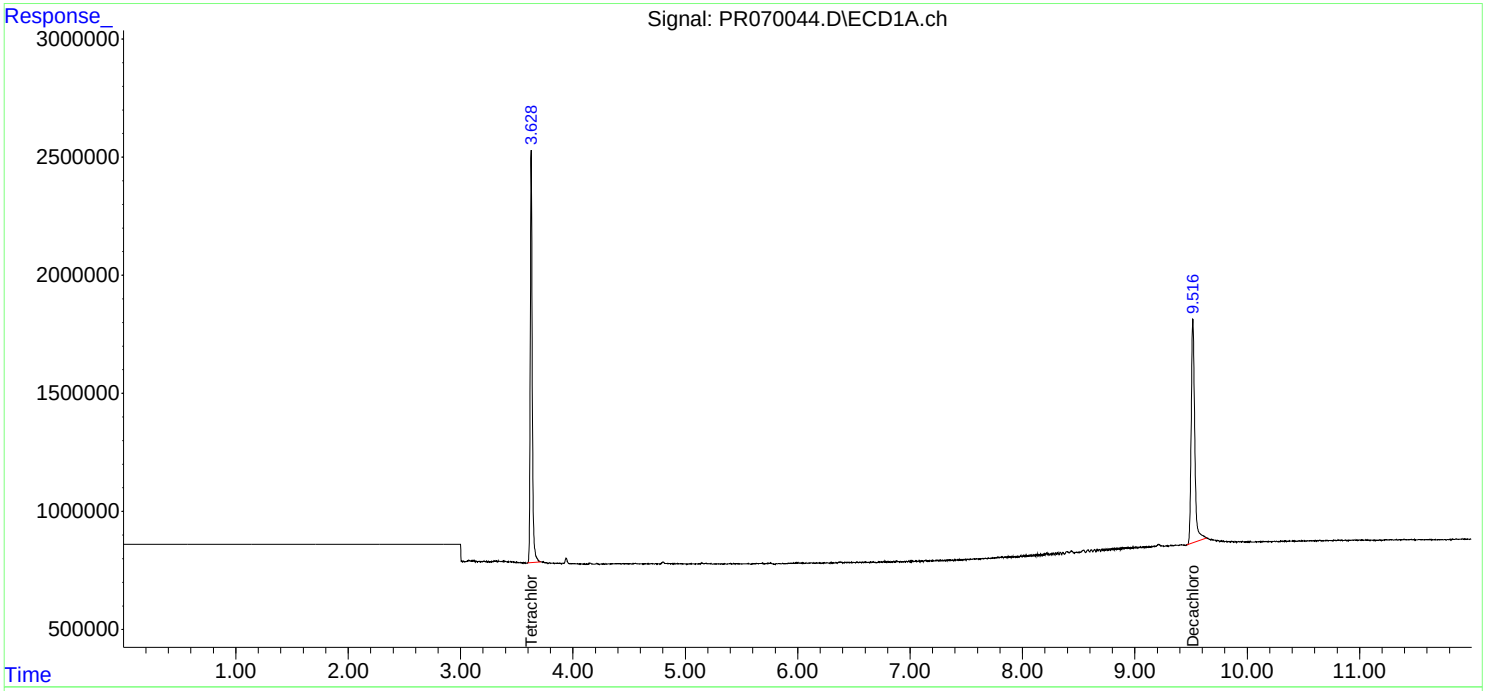
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

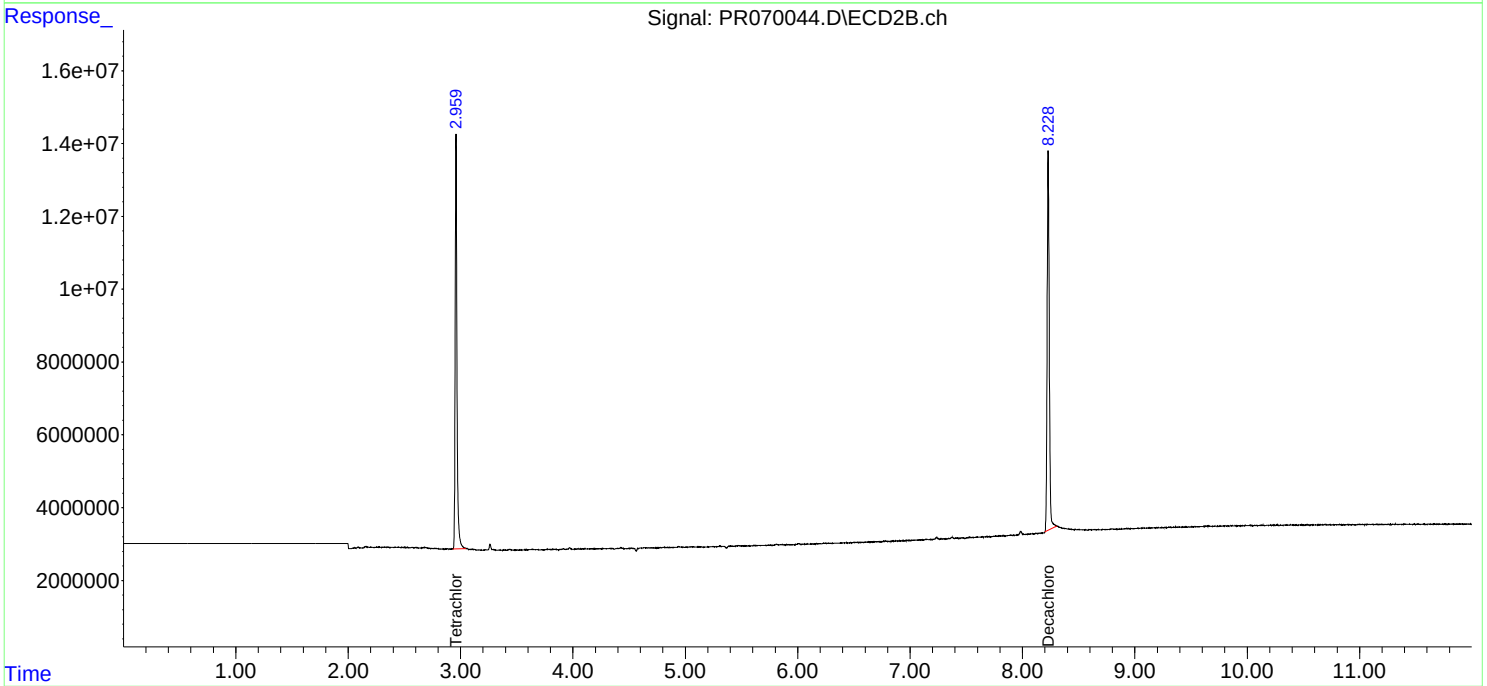
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012125\
Data File : PR070044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2025 11:18
Operator : AJ\MA
Sample : AIBLK089
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AIBLK161

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 04:15:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011625CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 18 01:55:37 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





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

Manual Integration Report

Sequence:	PR011625	Instrument	ECD_r

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1232ICC800	PR069984.D	AR-1232-2 #2	yogesh	1/21/2025 8:09:17 AM	Ankita	1/21/2025 8:18:14	Peak Integrated by Software
AR1262ICC100	PR070001.D	AR-1262-3	yogesh	1/21/2025 8:09:19 AM	Ankita	1/21/2025 8:18:16	Peak Integrated by Software
AR1262ICC200	PR070002.D	AR-1262-3	yogesh	1/21/2025 8:09:21 AM	Ankita	1/21/2025 8:18:17	Peak Integrated by Software
AR1262ICC400	PR070003.D	AR-1262-3	yogesh	1/21/2025 8:09:22 AM	Ankita	1/21/2025 8:18:19	Peak Integrated by Software
AR1262ICC800	PR070004.D	AR-1262-3	yogesh	1/21/2025 8:09:25 AM	Ankita	1/21/2025 8:18:20	Peak Integrated by Software
AR1262ICC1600	PR070005.D	AR-1262-3	yogesh	1/21/2025 8:09:26 AM	Ankita	1/21/2025 8:18:22	Peak Integrated by Software
AR1268ICC100	PR070006.D	AR-1268-1	yogesh	1/21/2025 8:09:27 AM	Ankita	1/21/2025 8:18:24	Peak Integrated by Software
AR1268ICC100	PR070006.D	AR-1268-1 #2	yogesh	1/21/2025 8:09:27 AM	Ankita	1/21/2025 8:18:24	Peak Integrated by Software
AR1268ICC200	PR070007.D	AR-1268-1	yogesh	1/21/2025 8:09:49 AM	Ankita	1/21/2025 8:18:25	Peak Integrated by Software
AR1268ICC400	PR070008.D	AR-1268-1	yogesh	1/21/2025 8:09:52 AM	Ankita	1/21/2025 8:18:27	Peak Integrated by Software
AR1268ICC800	PR070009.D	AR-1268-1	yogesh	1/21/2025 8:09:54 AM	Ankita	1/21/2025 8:18:29	Peak Integrated by Software
AR1268ICC1600	PR070010.D	AR-1268-1	yogesh	1/21/2025 8:10:06 AM	Ankita	1/21/2025 8:18:30	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PR011625	Instrument	ECD_r

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	pr012125	Instrument	ECD_r

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR011625

Review By	yogesh	Review On	1/17/2025 8:18:38 AM		
Supervise By	Ankita	Supervise On	1/17/2025 1:25:24 PM		
SubDirectory	PR011625	HP Acquire Method		HP Processing Method	PR011625CLP

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PR069969.D	16 Jan 2025 16:17	AJ\MA	Ok
2	AIBLK084	PR069970.D	16 Jan 2025 16:32	AJ\MA	Ok
3	AR1660ICC100	PR069971.D	16 Jan 2025 16:46	AJ\MA	Ok
4	AR1660ICC200	PR069972.D	16 Jan 2025 17:01	AJ\MA	Ok
5	AR1660ICC400	PR069973.D	16 Jan 2025 17:16	AJ\MA	Ok
6	AR1660ICC800	PR069974.D	16 Jan 2025 17:30	AJ\MA	Ok
7	AR1660ICC1600	PR069975.D	16 Jan 2025 17:45	AJ\MA	Ok
8	AR1221ICC100	PR069976.D	16 Jan 2025 18:00	AJ\MA	Ok
9	AR1221ICC200	PR069977.D	16 Jan 2025 18:14	AJ\MA	Ok
10	AR1221ICC400	PR069978.D	16 Jan 2025 18:29	AJ\MA	Ok
11	AR1221ICC800	PR069979.D	16 Jan 2025 18:44	AJ\MA	Ok
12	AR1221ICC1600	PR069980.D	16 Jan 2025 18:58	AJ\MA	Ok
13	AR1232ICC100	PR069981.D	16 Jan 2025 19:13	AJ\MA	Ok
14	AR1232ICC200	PR069982.D	16 Jan 2025 19:28	AJ\MA	Ok
15	AR1232ICC400	PR069983.D	16 Jan 2025 19:42	AJ\MA	Ok
16	AR1232ICC800	PR069984.D	16 Jan 2025 19:57	AJ\MA	Ok,M
17	AR1232ICC1600	PR069985.D	16 Jan 2025 20:12	AJ\MA	Ok
18	AR1242ICC100	PR069986.D	16 Jan 2025 20:26	AJ\MA	Ok
19	AR1242ICC200	PR069987.D	16 Jan 2025 20:41	AJ\MA	Ok
20	AR1242ICC400	PR069988.D	16 Jan 2025 20:56	AJ\MA	Ok
21	AR1242ICC800	PR069989.D	16 Jan 2025 21:11	AJ\MA	Ok

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

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR011625

Review By	yogesh	Review On	1/17/2025 8:18:38 AM		
Supervise By	Ankita	Supervise On	1/17/2025 1:25:24 PM		
SubDirectory	PR011625	HP Acquire Method		HP Processing Method	PR011625CLP

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

22	AR1242ICC1600	PR069990.D	16 Jan 2025 21:25	AJ\MA	Ok
23	AR1248ICC100	PR069991.D	16 Jan 2025 21:40	AJ\MA	Ok
24	AR1248ICC200	PR069992.D	16 Jan 2025 21:55	AJ\MA	Ok
25	AR1248ICC400	PR069993.D	16 Jan 2025 22:09	AJ\MA	Ok
26	AR1248ICC800	PR069994.D	16 Jan 2025 22:24	AJ\MA	Ok
27	AR1248ICC1600	PR069995.D	16 Jan 2025 22:39	AJ\MA	Ok
28	AR1254ICC100	PR069996.D	16 Jan 2025 22:53	AJ\MA	Ok
29	AR1254ICC200	PR069997.D	16 Jan 2025 23:08	AJ\MA	Ok
30	AR1254ICC400	PR069998.D	16 Jan 2025 23:23	AJ\MA	Ok
31	AR1254ICC800	PR069999.D	16 Jan 2025 23:37	AJ\MA	Ok
32	AR1254ICC1600	PR070000.D	16 Jan 2025 23:52	AJ\MA	Ok
33	AR1262ICC100	PR070001.D	17 Jan 2025 00:07	AJ\MA	Ok,M
34	AR1262ICC200	PR070002.D	17 Jan 2025 00:21	AJ\MA	Ok,M
35	AR1262ICC400	PR070003.D	17 Jan 2025 00:36	AJ\MA	Ok,M
36	AR1262ICC800	PR070004.D	17 Jan 2025 00:51	AJ\MA	Ok,M
37	AR1262ICC1600	PR070005.D	17 Jan 2025 01:06	AJ\MA	Ok,M
38	AR1268ICC100	PR070006.D	17 Jan 2025 01:20	AJ\MA	Ok,M
39	AR1268ICC200	PR070007.D	17 Jan 2025 01:35	AJ\MA	Ok,M
40	AR1268ICC400	PR070008.D	17 Jan 2025 01:50	AJ\MA	Ok,M
41	AR1268ICC800	PR070009.D	17 Jan 2025 02:04	AJ\MA	Ok,M
42	AR1268ICC1600	PR070010.D	17 Jan 2025 02:19	AJ\MA	Ok,M
43	AIBLK085	PR070011.D	17 Jan 2025 02:34	AJ\MA	Ok

M : Manual Integration

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

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR012125

Review By	yogesh	Review On	1/22/2025 7:42:03 AM		
Supervise By	Ankita	Supervise On	1/22/2025 8:23:24 AM		
SubDirectory	PR012125	HP Acquire Method		HP Processing Method	PR011625

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PR070039.D	21 Jan 2025 07:49	AJ\MA	Ok
2	AIBLK088	PR070040.D	21 Jan 2025 08:04	AJ\MA	Ok
3	AR1660CCC400	PR070041.D	21 Jan 2025 08:18	AJ\MA	Ok
4	Q1124-13	PR070042.D	21 Jan 2025 10:49	AJ\MA	Ok
5	Q1124-14	PR070043.D	21 Jan 2025 11:03	AJ\MA	Ok
6	AIBLK089	PR070044.D	21 Jan 2025 11:18	AJ\MA	Ok
7	AR1660CCC400	PR070045.D	21 Jan 2025 11:33	AJ\MA	Ok

M : Manual Integration

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Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR011625

Review By	yogesh	Review On	1/17/2025 8:18:38 AM		
Supervise By	Ankita	Supervise On	1/17/2025 1:25:24 PM		
SubDirectory	PR011625	HP Acquire Method		HP Processing Method	PR011625CLP

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PR069969.D	16 Jan 2025 16:17		AJ\MA	Ok
2	AIBLK084	AIBLK156	PR069970.D	16 Jan 2025 16:32		AJ\MA	Ok
3	AR1660ICC100	AR16601224	PR069971.D	16 Jan 2025 16:46		AJ\MA	Ok
4	AR1660ICC200	AR16602225	PR069972.D	16 Jan 2025 17:01		AJ\MA	Ok
5	AR1660ICC400	AR16603226	PR069973.D	16 Jan 2025 17:16		AJ\MA	Ok
6	AR1660ICC800	AR16604227	PR069974.D	16 Jan 2025 17:30		AJ\MA	Ok
7	AR1660ICC1600	AR16605228	PR069975.D	16 Jan 2025 17:45		AJ\MA	Ok
8	AR1221ICC100	AR12211229	PR069976.D	16 Jan 2025 18:00		AJ\MA	Ok
9	AR1221ICC200	AR12212230	PR069977.D	16 Jan 2025 18:14		AJ\MA	Ok
10	AR1221ICC400	AR12213231	PR069978.D	16 Jan 2025 18:29		AJ\MA	Ok
11	AR1221ICC800	AR12214232	PR069979.D	16 Jan 2025 18:44		AJ\MA	Ok
12	AR1221ICC1600	AR12215233	PR069980.D	16 Jan 2025 18:58		AJ\MA	Ok
13	AR1232ICC100	AR12321234	PR069981.D	16 Jan 2025 19:13		AJ\MA	Ok
14	AR1232ICC200	AR12322235	PR069982.D	16 Jan 2025 19:28		AJ\MA	Ok
15	AR1232ICC400	AR12323236	PR069983.D	16 Jan 2025 19:42		AJ\MA	Ok
16	AR1232ICC800	AR12324237	PR069984.D	16 Jan 2025 19:57		AJ\MA	Ok,M
17	AR1232ICC1600	AR12325238	PR069985.D	16 Jan 2025 20:12		AJ\MA	Ok
18	AR1242ICC100	AR12421239	PR069986.D	16 Jan 2025 20:26		AJ\MA	Ok

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Fax : 908 789 8922

Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR011625

Review By	yogesh	Review On	1/17/2025 8:18:38 AM		
Supervise By	Ankita	Supervise On	1/17/2025 1:25:24 PM		
SubDirectory	PR011625	HP Acquire Method		HP Processing Method	PR011625CLP

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

19	AR1242ICC200	AR12422240	PR069987.D	16 Jan 2025 20:41		AJ\MA	Ok
20	AR1242ICC400	AR12423241	PR069988.D	16 Jan 2025 20:56		AJ\MA	Ok
21	AR1242ICC800	AR12424242	PR069989.D	16 Jan 2025 21:11		AJ\MA	Ok
22	AR1242ICC1600	AR12425243	PR069990.D	16 Jan 2025 21:25		AJ\MA	Ok
23	AR1248ICC100	AR12481244	PR069991.D	16 Jan 2025 21:40		AJ\MA	Ok
24	AR1248ICC200	AR12482245	PR069992.D	16 Jan 2025 21:55		AJ\MA	Ok
25	AR1248ICC400	AR12483246	PR069993.D	16 Jan 2025 22:09		AJ\MA	Ok
26	AR1248ICC800	AR12484247	PR069994.D	16 Jan 2025 22:24		AJ\MA	Ok
27	AR1248ICC1600	AR12485248	PR069995.D	16 Jan 2025 22:39		AJ\MA	Ok
28	AR1254ICC100	AR12541249	PR069996.D	16 Jan 2025 22:53		AJ\MA	Ok
29	AR1254ICC200	AR12542250	PR069997.D	16 Jan 2025 23:08		AJ\MA	Ok
30	AR1254ICC400	AR12543201	PR069998.D	16 Jan 2025 23:23		AJ\MA	Ok
31	AR1254ICC800	AR12544202	PR069999.D	16 Jan 2025 23:37		AJ\MA	Ok
32	AR1254ICC1600	AR12545203	PR070000.D	16 Jan 2025 23:52		AJ\MA	Ok
33	AR1262ICC100	AR12621204	PR070001.D	17 Jan 2025 00:07		AJ\MA	Ok,M
34	AR1262ICC200	AR12622205	PR070002.D	17 Jan 2025 00:21		AJ\MA	Ok,M
35	AR1262ICC400	AR12623206	PR070003.D	17 Jan 2025 00:36		AJ\MA	Ok,M
36	AR1262ICC800	AR12624207	PR070004.D	17 Jan 2025 00:51		AJ\MA	Ok,M
37	AR1262ICC1600	AR12625208	PR070005.D	17 Jan 2025 01:06		AJ\MA	Ok,M

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Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR011625

Review By	yogesh	Review On	1/17/2025 8:18:38 AM		
Supervise By	Ankita	Supervise On	1/17/2025 1:25:24 PM		
SubDirectory	PR011625	HP Acquire Method		HP Processing Method	PR011625CLP

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

38	AR1268ICC100	AR12681209	PR070006.D	17 Jan 2025 01:20		AJ\MA	Ok,M
39	AR1268ICC200	AR12682210	PR070007.D	17 Jan 2025 01:35		AJ\MA	Ok,M
40	AR1268ICC400	AR12683211	PR070008.D	17 Jan 2025 01:50		AJ\MA	Ok,M
41	AR1268ICC800	AR12684212	PR070009.D	17 Jan 2025 02:04		AJ\MA	Ok,M
42	AR1268ICC1600	AR12685213	PR070010.D	17 Jan 2025 02:19		AJ\MA	Ok,M
43	AIBLK085	AIBLK157	PR070011.D	17 Jan 2025 02:34		AJ\MA	Ok

M : Manual Integration

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Instrument ID: ECD_R

Daily Analysis Runlog For Sequence/QCBatch ID # PR012125

Review By	yogesh	Review On	1/22/2025 7:42:03 AM		
Supervise By	Ankita	Supervise On	1/22/2025 8:23:24 AM		
SubDirectory	PR012125	HP Acquire Method		HP Processing Method	PR011625

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PR070039.D	21 Jan 2025 07:49		AJ\MA	Ok
2	AIBLK088	AIBLK160	PR070040.D	21 Jan 2025 08:04		AJ\MA	Ok
3	AR1660CCC400	AR16603307	PR070041.D	21 Jan 2025 08:18		AJ\MA	Ok
4	Q1124-13	PCB-GPC2-BLANK	PR070042.D	21 Jan 2025 10:49		AJ\MA	Ok
5	Q1124-14	PCB-GPC2-BLANK-SP	PR070043.D	21 Jan 2025 11:03		AJ\MA	Ok
6	AIBLK089	AIBLK161	PR070044.D	21 Jan 2025 11:18		AJ\MA	Ok
7	AR1660CCC400	AR16603308	PR070045.D	21 Jan 2025 11:33		AJ\MA	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 01/17/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 01/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134327

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
Q1123-01	BU-03-1172025	17	1.18	8.68	9.86	9.12	91.5	
Q1123-02	BU-03-1172025	18	1.15	8.72	9.87	8.88	88.6	
Q1124-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1124-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1124-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1124-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1124-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1124-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1124-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1124-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1124-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1124-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1132-01	HD-1-011725	11	1.15	8.44	9.59	8.63	88.6	
Q1132-03	HD-1-011725-E2	12	1.19	8.55	9.74	8.51	85.6	
Q1132-04	HD-2-011725	13	1.15	8.81	9.96	8.81	86.9	
Q1132-06	HD-2-011725-E2	14	1.15	8.40	9.55	8.35	85.7	
Q1133-01	TR-04-1172025	19	1.19	8.53	9.72	8.98	91.3	
Q1133-02	TR-04-1172025-VOC	20	1.19	8.68	9.87	9.04	90.4	
Q1134-01	EO-1-011725	15	1.16	8.60	9.76	8.95	90.6	
Q1134-03	EO-1-011725-E2	16	1.12	8.65	9.77	8.83	89.1	

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

WORKLIST(Hardcopy Internal Chain)

VB 134327

WorkList Name : %1-011725 **WorkList ID :** 186989 **Department :** Wet-Chemistry **Date :** 01-17-2025 11:48:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1123-01	BU-03-1172025	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO
Q1123-02	BU-03-1172025	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO
Q1124-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1124-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	E11	01/17/2025	Chemtech -SO
Q1132-01	HD-1-011725	Solid	Percent Solids	Cool 4 deg C	PSEG03	E11	01/17/2025	Chemtech -SO
Q1132-03	HD-1-011725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	E11	01/17/2025	Chemtech -SO
Q1132-04	HD-2-011725	Solid	Percent Solids	Cool 4 deg C	PSEG03	E11	01/17/2025	Chemtech -SO
Q1132-06	HD-2-011725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	E11	01/17/2025	Chemtech -SO
Q1133-01	TR-04-1172025	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO
Q1133-02	TR-04-1172025-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO
Q1134-01	EO-1-011725	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO
Q1134-03	EO-1-011725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	E11	01/17/2025	Chemtech -SO

Date/Time 01-17-25 15:00

Raw Sample Received by: JB WDC

Raw Sample Relinquished by: CL SM

Date/Time 01-17-25 JB 17:00

Raw Sample Received by: ~~16:30~~ CL SM

Raw Sample Relinquished by: JB WDC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166140

SOP ID: M3665A-Sulfuric Acid Cleanup-7, MSFAM01.1-Sample Prep-3

Clean Up SOP #: GPC Cleanup,Acid Cleanup

Matrix : Solid

Weigh By: N/A

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: N/A

Filter By: N/A

pH Meter ID: N/A

Hood ID: 3,6,7

Extraction Start Date : 01/20/2025

Extraction Start Time : 10:26

Extraction End Date : 01/21/2025

Extraction End Time : 09:25

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
GPC Pcb Spike	10.0ML	400 PPB	PP23908
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	EP2578
Baked Na2SO4	N/A	EP2580
Hexane	N/A	E3868
H2SO4 1:1	N/A	EP2565
Methylene Chloride	N/A	E3871
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

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/21/25	RP (Ext. Lab)	Y.P.PEST/PCB.
9:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166140

Analytical Method: M3665A-Sulfuric Acid Cleanup-7, MSFAM01.1-Sample Prep-3 **Concentration Date:** 01/21/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
Q1124-13	PCB-GPC2-BLANK	PCB	10.0	N/A	RUPESH	rajesh	5			
Q1124-14	PCB-GPC2-BLANK-SPIKE	PCB	10.0	N/A	RUPESH	rajesh	5			

* **Extracts relinquished on the same date as received.**

1/21/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : q1124 **WorkList ID :** 187016 **Department :** Extraction **Date :** 01-20-2025 10:24:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1124-10	SVOC-GPC2-BLANK	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	E11	01/17/2025	SFAM_SVOC
Q1124-11	PEST-GPC2-BLANK	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	E11	01/17/2025	SFAM_PEST
Q1124-12	PEST-GPC2-BLANK-SPIKE	Solid	Pesticide-TCL	Cool 4 deg C	CHEM02	E11	01/17/2025	SFAM_PEST
Q1124-13	PCB-GPC2-BLANK	Solid	PCB	Cool 4 deg C	CHEM02	E11	01/17/2025	SFAM_PCB
Q1124-14	PCB-GPC2-BLANK-SPIKE	Solid	PCB	Cool 4 deg C	CHEM02	E11	01/17/2025	SFAM_PCB

Date/Time 01/20/25 10:24

Raw Sample Received by: R.S (Ext Lab)

Raw Sample Relinquished by: SM

Date/Time 01/20/25 10:55

Raw Sample Received by: SM

Raw Sample Relinquished by: R.S (Ext Lab)

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Prep Standard - Chemical Standard Summary

Order ID : Q1124

Test : PCB

Prepbatch ID : PB166140,

Sequence ID/Qc Batch ID: pr012125,

Standard ID :

EP2565,EP2578,EP2580,PP23776,PP23908,PP24014,PP24016,PP24017,PP24018,PP24019,PP24020,PP24021,PP24022,PP24023,PP24024,PP24025,PP24026,PP24027,PP24028,PP24029,PP24030,PP24031,PP24032,PP24033,PP24034,PP24035,PP24036,PP24037,PP24038,PP24039,PP24040,PP24041,PP24042,PP24043,PP24044,PP24045,PP24046,PP24047,PP24048,PP24049,PP24050,PP24051,PP24052,PP24053,PP24054,PP24055,

Chemical ID :

E3551,E3804,E3817,E3826,E3830,E3846,E3848,E3868,E3871,M5173,P10662,P11582,P12930,P12935,P12947,P13370,P13376,P13378,P13380,P13704,W3112,

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Extractions STANDARD PREPARATION LOG

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

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2578	01/06/2025	06/18/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 01/06/2025

FROM 8000.00000ml of E3846 + 8000.00000ml of E3848 = Final Quantity: 16000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2580	01/17/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 01/17/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3798	400 PPB PCB GPC SPIKE	PP23908	10/22/2024	04/01/2025	Abdul Mirza	None	None	Ankita Jodhani 10/22/2024

FROM 99.60000ml of E3817 + 0.40000ml of PP23776 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
70	10/20 PPM Pest/PCB SOM01.2 Surg Stock	PP24014	11/21/2024	05/18/2025	Ankita Jodhani	None	None	Yogesh Patel 11/22/2024

FROM 1.00000ml of P10662 + 9.00000ml of E3830 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1433	Aroclor 1242 CS2 (200 ng/ml)	PP24034	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel 11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24033 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1434	Aroclor 1242 CS1 (100 ng/ml)	PP24035	11/21/2024	05/09/2025	Ankita Jodhani	None	None	Yogesh Patel 11/22/2024

FROM 0.50000ml of E3826 + 0.50000ml of PP24034 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24H2762011	04/09/2025	10/09/2024 / Rajesh	10/09/2024 / Rajesh	E3817

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	06/18/2025	12/18/2024 / Rajesh	12/09/2024 / Rajesh	E3848

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	07/17/2025	01/17/2025 / Rajesh	01/02/2025 / Rajesh	E3868

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24K1762005	07/14/2025	01/14/2025 / Rajesh	12/27/2024 / Rajesh	E3871

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

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

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

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

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

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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

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

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

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

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

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

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

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

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

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

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

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

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

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

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

Test	Specification	Result

For Microelectronic Use

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

Michelle Bales
Sr. Manager, Quality Assurance

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

avantor™ | J.T.Baker®

Material No.: 9266-A4
Batch No.: 24H2762011
Manufactured Date: 2024-06-05
Expiration Date:2025-09-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	2
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	5
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	<0.01 %

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

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

E 3817

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker®

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

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

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

E3826

Rec'd by RP on 11/7/24

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

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

Recd. by RP on 11/15/24

E 3830

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

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

Recd by RP on 12/13/24

E 3846

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

PO: PO2-798 PRODUCT CODE: SHIP DATE: 12/9/2024

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

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	0.01 %

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

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

E 3848

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

avantor™ | J.T.Baker®

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

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

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

Recd by RP on 01/03/25

E3868

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

12/9-1/24

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

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 0.02 %	0.01 %

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

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

E 3871

Jamie Croak
Director Quality Operations, Bioscience Production

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

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

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

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

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

Material No.: 9530-33
Batch No.: 0000281827

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

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

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

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32453 **Lot No.:** A0170323

Description : SOM01.1 Pesticide Surrogate Standard

Pesticide Surrogate Mix 100-200µg/mL, Acetone, 1mL/ampul

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

Expiration Date : June 30, 2027 **Storage:** 0°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

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

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

P10653
↓
P10662
AR
05.26.2021

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

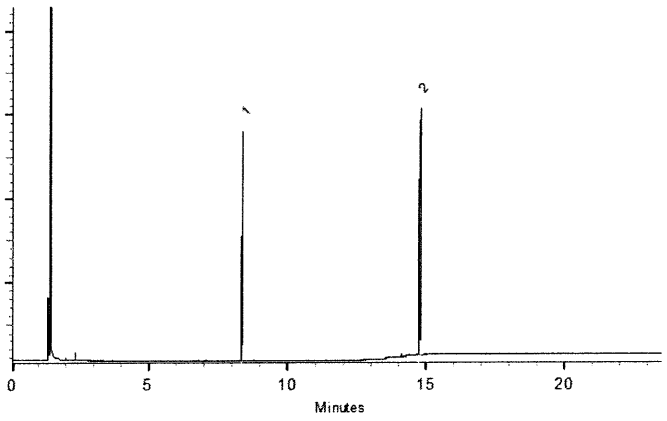
Carrier Gas:
hydrogen-constant pressure 10 psi.

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

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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

Erik Strommer - Operations Tech I

Date Mixed: 18-Mar-2021 **Balance:** B251644995

Justine Albertson - Operations Tech-ARM QC

Date Passed: 22-Mar-2021

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Catalog No. : 32007 **Lot No.:** A0175456

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

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

CERTIFIED VALUES

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

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

P 11578 ↓ P 11582 (S)

AR 04/30/22

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

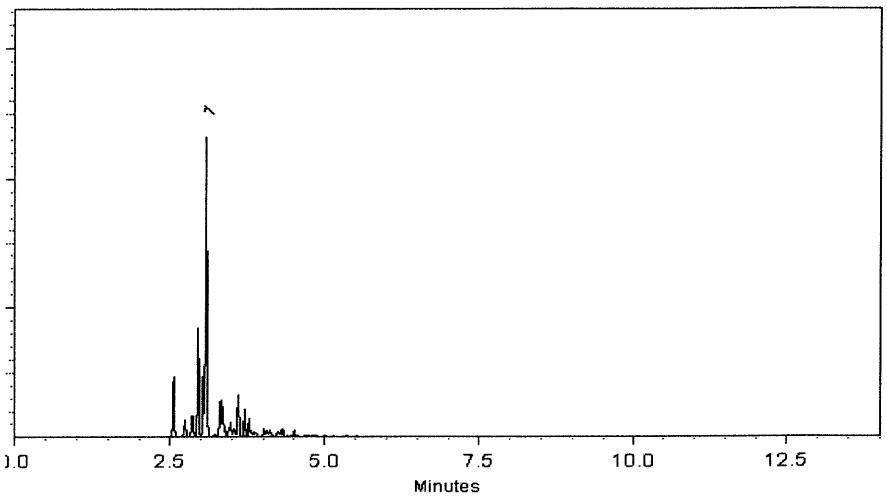
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

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P11578 ↓ P11582 (5)

AR 04/30/22

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

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

Description : Aroclor® 1242 Standard

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

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

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

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

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

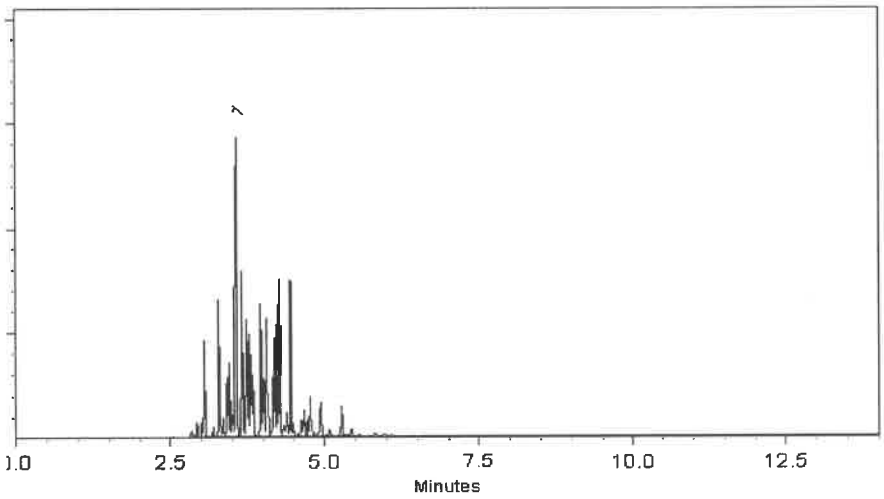
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



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

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

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P12933 ↓ P12937 AJ 12/07/23

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

Description : Aroclor® 1248 Standard

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

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

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

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

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

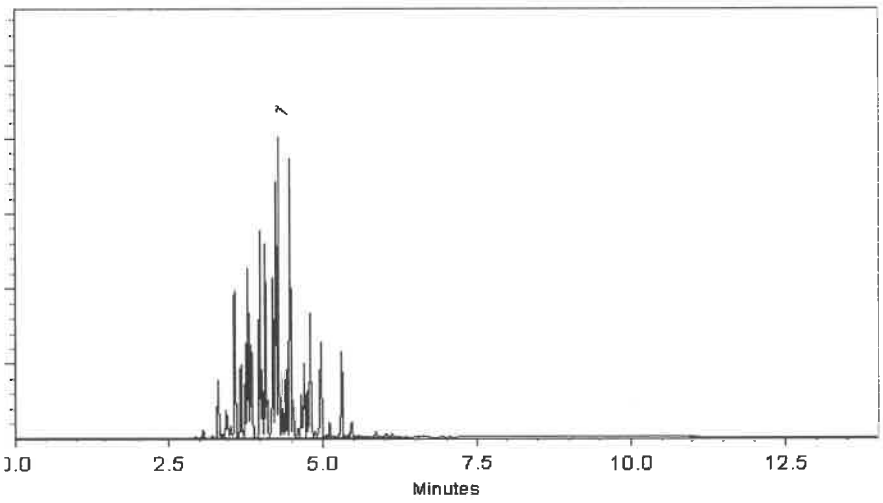
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



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

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

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CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

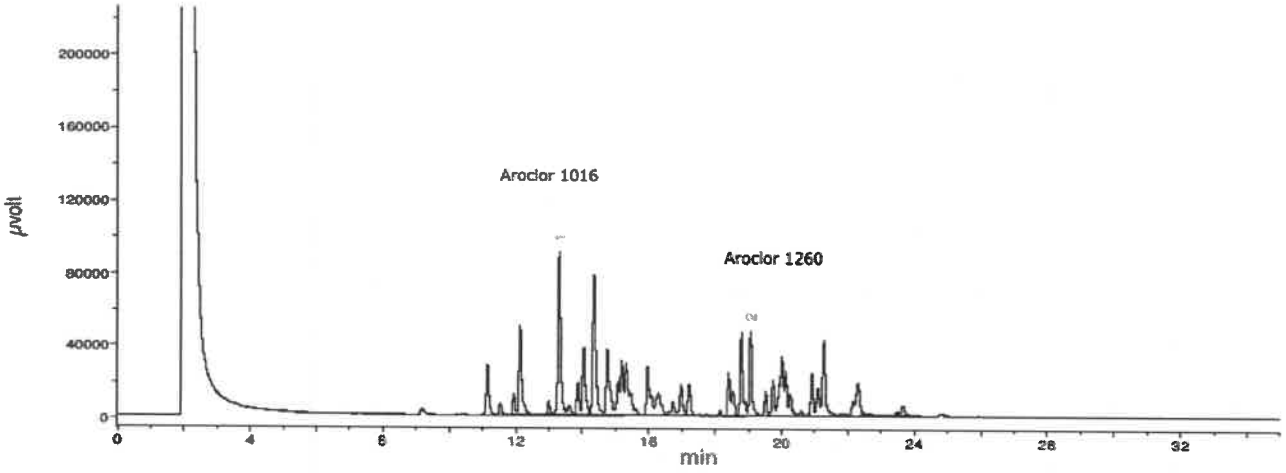
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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

Catalog No. : 32039 **Lot No.:** A0203315

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

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

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

CERTIFIED VALUES

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

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

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

P 13370 ② → P13371

05/06/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

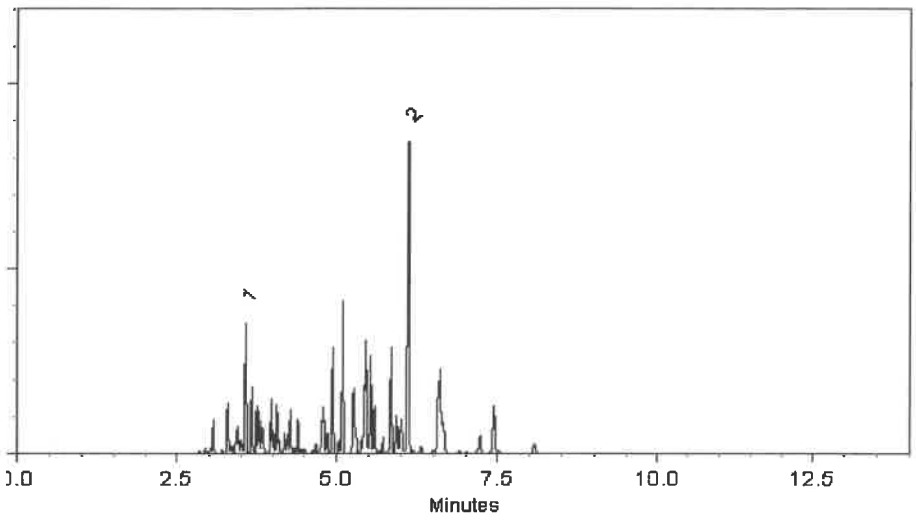
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



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

Dakota Parson - Operations Technician I **Date Mixed:** 18-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 23-Oct-2023

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P13370 (2)
↓
P13371

05/06/2024

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32008 **Lot No.:** A0206618

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 25°C nominal

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

CERTIFIED VALUES

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

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

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

P13376 + P13377 (2)

05/6/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

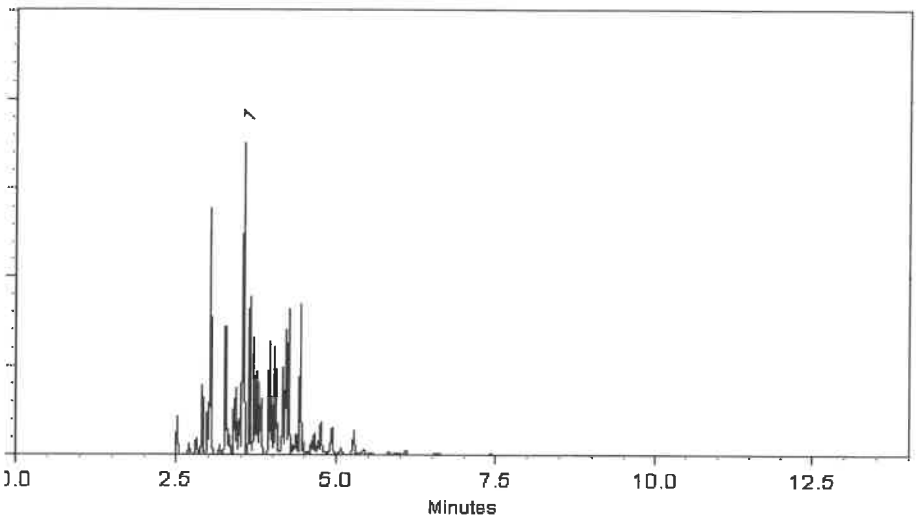
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Stacey Wanner - Operations Technician I

Date Mixed: 16-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

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

P13376 (2)

P13377

05/01/2024

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

Catalog No. : 32008 **Lot No.:** A0206618

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 25°C nominal

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

CERTIFIED VALUES

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

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

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

P13376 + P13377 (2)

05/6/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

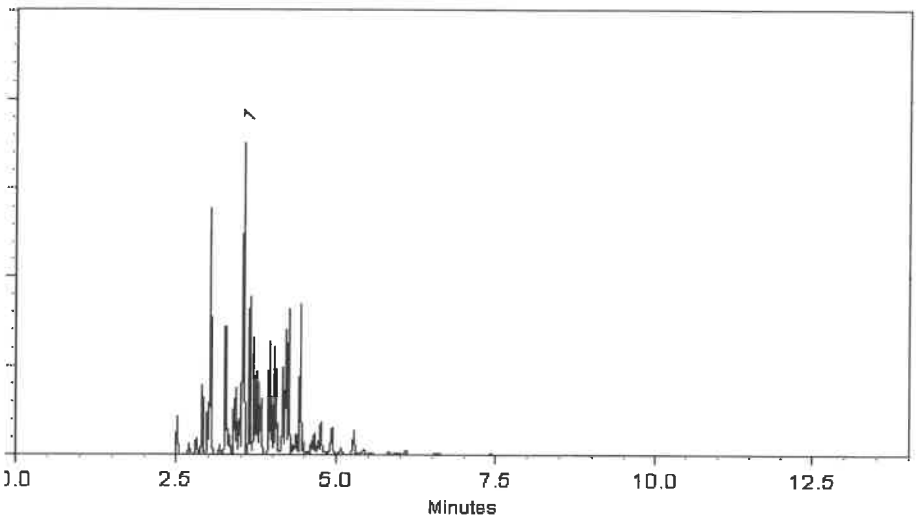
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

Stacey Wanner - Operations Technician I

Date Mixed: 16-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

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P13376 (2)

P13377

05/01/2024

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

Description : Aroclor® 1268 Standard

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

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

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

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

CERTIFIED VALUES

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

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

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

P 13380 2
P 13381
1
05/6/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

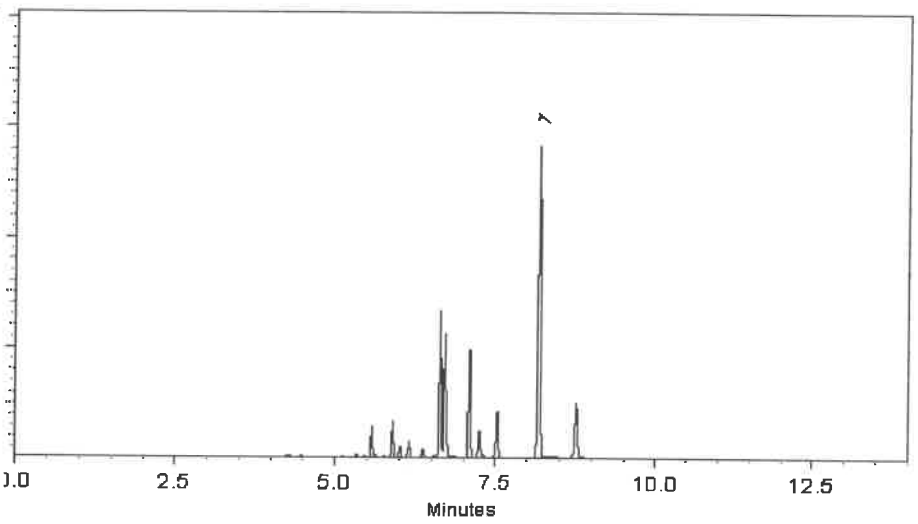
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 500:1

Inj. Vol
0.2µl



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

Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I

Date Passed: 09-Feb-2024

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

P13380 (2)
↓
P13381
1

05/6/2024

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Certificate #3222.02

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

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

Description : Aroclor® 1254 Standard

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

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

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

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

P13704
P13705
Y.P.
10/17/24

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

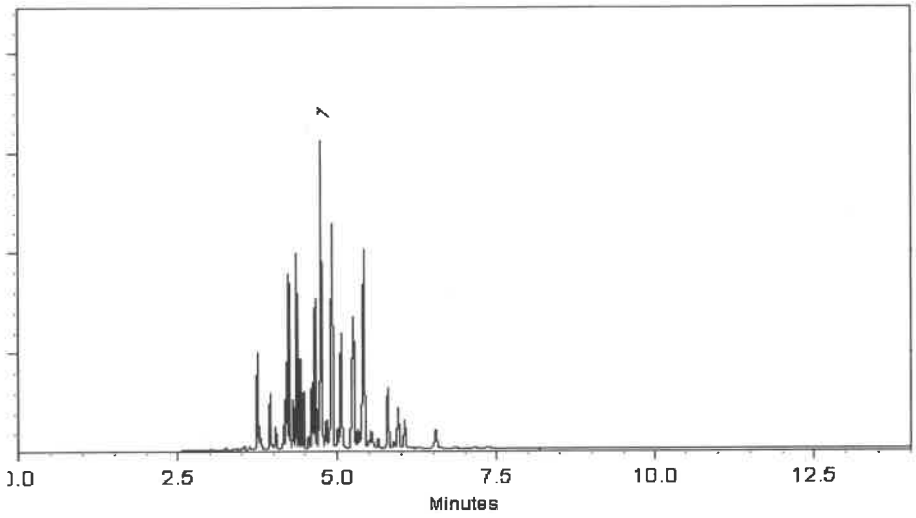
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



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

Russ Bookhamer - Operations Technician I

Date Mixed: 30-May-2024 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Jun-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

SHIPPING DOCUMENTS

#1

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Q1124
COC Number:

CLIENT INFORMATION

Report to be sent to:

COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 08816
ATTENTION: QA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): ______ DAYS*
EDD: ______ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☒ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other

ANALYSIS

1. VOC-Drinking 524.2
2. SVOC-Full+25 8270
3. PESTICIDE-TCL
4. PCB
5.
6.
7.
8.
9.

	CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
PRESERVATIVES									A/E									←Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER
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 PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sem	01/17/25	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0

Comments:

Page 1 of 2

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

Shipment Complete ☒ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#2

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Q1124

COC Number:

CLIENT INFORMATION

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

PROJECT INFORMATION

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

BILLING INFORMATION

BILL TO: SAME
ADDRESS: PO#
CITY: STATE: ZIP:
ATTENTION:
phone:

DATA TURNAROUND INFORMATION

FAX (Finish)
HARDCOPY (DATA PACKAGE): 21 DAYS*
EDD: DAYS*
TO BE APPROVED BY CHEMTECH DAYS*
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ UE EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ EDD FORMAT ☐ Other

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: GRAB	SAMPLE TYPE: COMP	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of BOTTLES	PRESERVATIVES: PH	1	2	3	4	5	6	7	8	9
1.	PEST-GRC2-BLANK	SO		X			1				X						
2.	PEST-GRC2-BLANK-SPIKE	SO		X			1				X						
3.	PCB-GRC2-BLANK	SO		X			1					X					
4.	PCB-GRC2-BLANK-SPIKE	SO		X			1					X					
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS <--Specify Preservative
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	01/17/25	1.
2. RELINQUISHED BY	DATE/TIME	2. RECEIVED BY
3. RELINQUISHED BY	DATE/TIME	3. RECEIVED FOR LAB BY

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0°
Comments:

Page 2 of 2

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

Shipment Complete: ☒ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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