

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : R37108

TETRA TECH, EMI
240 Continental Drive, Suite 200

Newark, DE - 19713
Phone No: 302-738-7551

ORDER ID : Q3674
ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



1) PCB Data	2
2) Signature Page	4
3) Case Narrative	5
4) Qualifier Page	7
5) Conformance/Non Conformance	8
6) QA Checklist	10
7) Chronicle	11
8) Hit Summary	13
9) QC Data Summary For PCB	16
9.1) Deuterated Monitoring Compound Summary	17
9.2) MS/MSD Summary	21
9.3) LCS/LCSD Summary	23
9.4) Method Blank Summary	24
10) Sample Data	25
10.1) C0AH9	26
10.2) C0AJ0	33
10.3) C0AJ0DL	40
10.4) C0AJ1	47
10.5) C0AJ1DL	54
10.6) C0AJ2	61
10.7) C0AJ2DL	68
10.8) C0AJ3	75
10.9) C0AJ4	84
10.10) C0AJ5	93
10.11) C0AJ5DL	105
10.12) C0AJ6	117
10.13) C0AJ7	126
10.14) C0AJ8	133
10.15) C0AJ9	140
10.16) C0AK0	147
10.17) C0AK1	154
10.18) C0AK3	161
10.19) C0AK3DL	168
10.20) C0AK4	175
11) Calibration Data Summary	182

11.1) Initial Calibration Data	183
11.1.1) PQ111825	183
11.2) Continued Calibration Data	278
11.2.1) PQ071418.D	278
11.2.2) PQ071430.D	290
11.2.3) PQ071442.D	302
11.2.4) PQ071454.D	314
11.2.5) PQ071474.D	326
11.2.6) PQ071486.D	338
11.2.7) PQ071496.D	350
11.3) Analytical Seq	362
12) Compound Detection Summary	366
13) QC Sample Data	391
13.1) Method Blank Data	392
13.2) PIBLK Data	396
13.3) LCS Data	428
13.4) MS Data	437
13.5) MSD Data	446
14) Manual Integration	455
15) Analytical Runlogs	462
16) Percent Solid	480
17) Extraction Logs	486
17.1) PB170671.pdf	486
17.2) PB170671IC.pdf	488
18) Standard Prep Logs	489
19) Shipping Document	578
19.1) Chain Of Custody	579
19.2) Lab Certificate	581

Cover Page

Order ID : Q3674

Project ID : R37108

Client : Tetra Tech, EMI

Lab Sample Number

Q3674-01
Q3674-02
Q3674-03
Q3674-04
Q3674-05
Q3674-06
Q3674-07
Q3674-08
Q3674-09
Q3674-10
Q3674-11
Q3674-12
Q3674-13
Q3674-14
Q3674-15

Client Sample Number

C0AH9
C0AJ0
C0AJ1
C0AJ2
C0AJ3
C0AJ4
C0AJ5
C0AJ6
C0AJ7
C0AJ8
C0AJ9
C0AK0
C0AK1
C0AK3
C0AK4

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 12:22 pm, Dec 01, 2025

Date: 11/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R37108

Project # N/A

Order ID # Q3674

Test Name: PCB

A. Number of Samples and Date of Receipt:

15 Solid samples were received on 11/19/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_Q. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for C0AJ1DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AK3DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%] Surrogates were diluted out due to the high dilution, no further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PQ071486.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

Samples C0AJ0, C0AJ1, C0AJ2, C0AJ5 and C0AK3 were diluted due to high concentrations.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 12:23 pm, Dec 01, 2025

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

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

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



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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3674

MATRIX: Solid

METHOD: 8082A/3541

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified.			✓
2. Standard Summary Submitted.			✓
3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.			✓
The Initial Calibration met the requirements.			
The Continuous Calibration File ID PQ071486.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.			
4. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5. Surrogate Recoveries Meet Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
The Surrogate recoveries were met for all analysis except for C0AJ1DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AK3DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%] Surrogates were diluted out due to the high dilution, no further corrective action was taken.			
6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The MS recoveries met the requirements for all compounds.			
The MSD recoveries met the requirements for all compounds.			
The Blank Spike met requirements for all compounds.			
The RPD were met for all analysis.			
7. Retention Time Shift Meet Criteria (if applicable)			✓
Comments:			



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES
8. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

Samples C0AJ0, C0AJ1, C0AJ2, C0AJ5 and C0AK3 were diluted due to high concentrations.

The soil samples results are based on a dry weight basis.

QA REVIEW

REVIEWED

By Sohil Jodhani, QA/QC Director at 10:54 am, Dec 01, 2025

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3674

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/26/2025

LAB CHRONICLE

OrderID:	Q3674	OrderDate:	11/19/2025 10:58:00 AM
Client:	Tetra Tech, EMI	Project:	R37108
Contact:	Ava Heiss	Location:	D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3674-01	C0AH9	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-02	C0AJ0	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-02DL	C0AJ0DL	SOIL	PCB	8082A	11/17/25	11/21/25	11/24/25	11/19/25
Q3674-03	C0AJ1	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-03DL	C0AJ1DL	SOIL	PCB	8082A	11/17/25	11/21/25	11/24/25	11/19/25
Q3674-04	C0AJ2	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-04DL	C0AJ2DL	SOIL	PCB	8082A	11/17/25	11/21/25	11/24/25	11/19/25
Q3674-05	C0AJ3	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-06	C0AJ4	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-07	C0AJ5	SOIL	PCB	8082A	11/17/25	11/21/25	11/21/25	11/19/25
Q3674-07DL	C0AJ5DL	SOIL	PCB	8082A	11/17/25	11/21/25	11/24/25	11/19/25
Q3674-08	C0AJ6	SOIL			11/17/25			11/19/25

LAB CHRONICLE

			PCB	8082A	11/21/25	11/21/25	
Q3674-09	C0AJ7	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-10	C0AJ8	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-11	C0AJ9	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-12	C0AK0	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-13	C0AK1	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-14	C0AK3	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	
Q3674-14DL	C0AK3DL	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/24/25	
Q3674-15	C0AK4	SOIL			11/17/25		11/19/25
			PCB	8082A	11/21/25	11/21/25	

Hit Summary Sheet SW-846

SDG No.: Q3674

Order ID: Q3674

Client: Tetra Tech, EMI

Project ID: R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AH9								
Q3674-01	C0AH9	SOIL	Aroclor-1260	30.3	3.90		20.3	ug/kg
			Total Concentration:	30.300				
Client ID : C0AJ0								
Q3674-02	C0AJ0	SOIL	Aroclor-1260	684 E	3.70		19.7	ug/kg
			Total Concentration:	684.000				
Client ID : C0AJ0DL								
Q3674-02DL	C0AJ0DL	SOIL	Aroclor-1260	439 D	18.7		98.6	ug/kg
			Total Concentration:	439.000				
Client ID : C0AJ1								
Q3674-03	C0AJ1	SOIL	Aroclor-1260	13000 E	3.80		20.1	ug/kg
			Total Concentration:	13,000.000				
Client ID : C0AJ1DL								
Q3674-03DL	C0AJ1DL	SOIL	Aroclor-1260	16000 D	191		1000	ug/kg
			Total Concentration:	16,000.000				
Client ID : C0AJ2								
Q3674-04	C0AJ2	SOIL	Aroclor-1260	2700 E	3.90		20.6	ug/kg
			Total Concentration:	2,700.000				
Client ID : C0AJ2DL								
Q3674-04DL	C0AJ2DL	SOIL	Aroclor-1260	1800 D	39.1		206	ug/kg
			Total Concentration:	1,800.000				
Client ID : C0AJ3								
Q3674-05	C0AJ3	SOIL	Aroclor-1254	126	3.80		20.0	ug/kg
Q3674-05	C0AJ3	SOIL	Aroclor-1260	163	3.80		20.0	ug/kg
			Total Concentration:	289.000				
Client ID : C0AJ4								
Q3674-06	C0AJ4	SOIL	Aroclor-1254	77.1	3.70		19.8	ug/kg
Q3674-06	C0AJ4	SOIL	Aroclor-1260	75.7	3.80		19.8	ug/kg
			Total Concentration:	152.800				
Client ID : C0AJ5								

Hit Summary Sheet SW-846

SDG No.: Q3674

Order ID: Q3674

Client: Tetra Tech, EMI

Project ID: R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3674-07	C0AJ5	SOIL	Aroclor-1248	522	E	7.00	20.2	ug/kg
Q3674-07	C0AJ5	SOIL	Aroclor-1254	420	E	3.80	20.2	ug/kg
Q3674-07	C0AJ5	SOIL	Aroclor-1260	388		3.80	20.2	ug/kg
Total Concentration:				1,330.000				
Client ID : C0AJ5DL								
Q3674-07DL	C0AJ5DL	SOIL	Aroclor-1248	412	D	14.1	40.4	ug/kg
Q3674-07DL	C0AJ5DL	SOIL	Aroclor-1254	344	D	7.60	40.4	ug/kg
Q3674-07DL	C0AJ5DL	SOIL	Aroclor-1260	297	D	7.70	40.4	ug/kg
Total Concentration:				1,053.000				
Client ID : C0AJ6								
Q3674-08	C0AJ6	SOIL	Aroclor-1254	39.3		3.80	20.1	ug/kg
Q3674-08	C0AJ6	SOIL	Aroclor-1260	57.7		3.80	20.1	ug/kg
Total Concentration:				97.000				
Client ID : C0AJ7								
Q3674-09	C0AJ7	SOIL	Aroclor-1260	13.6	J	3.80	20.1	ug/kg
Total Concentration:				13.600				
Client ID : C0AJ8								
Q3674-10	C0AJ8	SOIL	Aroclor-1260	42.5		3.80	20.1	ug/kg
Total Concentration:				42.500				
Client ID : C0AJ9								
Q3674-11	C0AJ9	SOIL	Aroclor-1260	11.5	J	3.90	20.4	ug/kg
Total Concentration:				11.500				
Client ID : C0AK0								
Q3674-12	C0AK0	SOIL	Aroclor-1260	41.1		3.90	20.4	ug/kg
Total Concentration:				41.100				
Client ID : C0AK1								
Q3674-13	C0AK1	SOIL	Aroclor-1254	39.7		3.90	20.9	ug/kg
Total Concentration:				39.700				
Client ID : C0AK3								
Q3674-14	C0AK3	SOIL	Aroclor-1260	13000	E	3.90	20.4	ug/kg

Hit Summary Sheet
SW-846

SDG No.: Q3674

Order ID: Q3674

Client: Tetra Tech, EMI

Project ID: R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				13,000.000				
Client ID :	C0AK3DL							
Q3674-14DL	C0AK3DL	SOIL	Aroclor-1260	16000	D	194	1000	ug/kg
Total Concentration:				16,000.000				
Client ID :	C0AK4							
Q3674-15	C0AK4	SOIL	Aroclor-1260	52.5		3.90	20.3	ug/kg
Total Concentration:				52.500				



QC SUMMARY

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Surrogate Summary

SDG No.: **Q3674**

Client: **Tetra Tech, EMI**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PQ071272.D	PIBLK-PQ071272.D	Tetrachloro-m-xyl	1	20	21.9	110		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	22.2	111		60	140
		Decachlorobiphen	2	20	21.7	109		60	140
I.BLK-PQ071419.D	PIBLK-PQ071419.D	Tetrachloro-m-xyl	1	20	22.1	110		60	140
		Decachlorobiphen	1	20	21.7	109		60	140
		Tetrachloro-m-xyl	2	20	25.9	130		60	140
		Decachlorobiphen	2	20	26.5	133		60	140
Q3674-01	C0AH9	Tetrachloro-m-xyl	1	20	15.6	78		21	165
		Decachlorobiphen	1	20	10.5	52		10	170
		Tetrachloro-m-xyl	2	20	18.4	92		21	165
		Decachlorobiphen	2	20	12.7	63		10	170
Q3674-02	C0AJ0	Tetrachloro-m-xyl	1	20	20.2	101		21	165
		Decachlorobiphen	1	20	13.5	68		10	170
		Tetrachloro-m-xyl	2	20	23.8	119		21	165
		Decachlorobiphen	2	20	16.2	81		10	170
Q3674-03	C0AJ1	Tetrachloro-m-xyl	1	20	20.2	101		21	165
		Decachlorobiphen	1	20	20.7	104		10	170
		Tetrachloro-m-xyl	2	20	24.1	121		21	165
		Decachlorobiphen	2	20	23.5	118		10	170
I.BLK-PQ071431.D	PIBLK-PQ071431.D	Tetrachloro-m-xyl	1	20	23.2	116		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	27.2	136		60	140
		Decachlorobiphen	2	20	27.3	136		60	140
PB170671BL	PB170671BL	Tetrachloro-m-xyl	1	20	22.6	113		21	165
		Decachlorobiphen	1	20	22.2	111		10	170
		Tetrachloro-m-xyl	2	20	26.7	133		21	165
		Decachlorobiphen	2	20	26.5	133		10	170
PB170671BS	PB170671BS	Tetrachloro-m-xyl	1	20	23.8	119		21	165
		Decachlorobiphen	1	20	23.4	117		10	170
		Tetrachloro-m-xyl	2	20	26.8	134		21	165
		Decachlorobiphen	2	20	27.4	137		10	170
Q3674-04	C0AJ2	Tetrachloro-m-xyl	1	20	21.2	106		21	165
		Decachlorobiphen	1	20	11.8	59		10	170
		Tetrachloro-m-xyl	2	20	24.9	124		21	165
		Decachlorobiphen	2	20	14.0	70		10	170
Q3674-05	C0AJ3	Tetrachloro-m-xyl	1	20	19.8	99		21	165
		Decachlorobiphen	1	20	12.1	60		10	170
		Tetrachloro-m-xyl	2	20	23.5	117		21	165
		Decachlorobiphen	2	20	14.9	74		10	170
Q3674-06	C0AJ4	Tetrachloro-m-xyl	1	20	21.0	105		21	165

Surrogate Summary

SDG No.: Q3674

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3674-06	C0AJ4	Decachlorobiphen	1	20	14.7	73		10	170
		Tetrachloro-m-xyl	2	20	24.4	122		21	165
Q3674-07	C0AJ5	Decachlorobiphen	2	20	17.5	87		10	170
		Tetrachloro-m-xyl	1	20	22.6	113		21	165
		Decachlorobiphen	1	20	14.9	74		10	170
		Tetrachloro-m-xyl	2	20	26.3	131		21	165
		Decachlorobiphen	2	20	17.9	89		10	170
Q3674-08	C0AJ6	Tetrachloro-m-xyl	1	20	24.5	123		21	165
		Decachlorobiphen	1	20	19.3	97		10	170
		Tetrachloro-m-xyl	2	20	28.6	143		21	165
		Decachlorobiphen	2	20	22.9	114		10	170
Q3674-09	C0AJ7	Tetrachloro-m-xyl	1	20	22.8	114		21	165
		Decachlorobiphen	1	20	16.7	84		10	170
		Tetrachloro-m-xyl	2	20	27.0	135		21	165
		Decachlorobiphen	2	20	20.0	100		10	170
Q3674-09MS	C0AJ7MS	Tetrachloro-m-xyl	1	20	19.0	95		21	165
		Decachlorobiphen	1	20	14.2	71		10	170
		Tetrachloro-m-xyl	2	20	21.9	110		21	165
Q3674-09MSD	C0AJ7MSD	Decachlorobiphen	2	20	17.4	87		10	170
		Tetrachloro-m-xyl	1	20	17.4	87		21	165
		Decachlorobiphen	1	20	13.1	66		10	170
		Tetrachloro-m-xyl	2	20	19.9	99		21	165
I.BLK-PQ071443.D	PIBLK-PQ071443.D	Decachlorobiphen	2	20	16.0	80		10	170
		Tetrachloro-m-xyl	1	20	22.1	111		60	140
		Decachlorobiphen	1	20	21.6	108		60	140
		Tetrachloro-m-xyl	2	20	26.3	131		60	140
Q3674-10	C0AJ8	Decachlorobiphen	2	20	26.4	132		60	140
		Tetrachloro-m-xyl	1	20	20.8	104		21	165
		Decachlorobiphen	1	20	15.8	79		10	170
		Tetrachloro-m-xyl	2	20	24.5	123		21	165
Q3674-11	C0AJ9	Decachlorobiphen	2	20	18.7	93		10	170
		Tetrachloro-m-xyl	1	20	21.9	109		21	165
		Decachlorobiphen	1	20	13.9	70		10	170
		Tetrachloro-m-xyl	2	20	21.4	107		21	165
Q3674-12	C0AK0	Decachlorobiphen	2	20	13.0	65		10	170
		Tetrachloro-m-xyl	1	20	21.3	106		21	165
		Decachlorobiphen	1	20	15.3	77		10	170
		Tetrachloro-m-xyl	2	20	21.5	107		21	165
Q3674-13	C0AK1	Decachlorobiphen	2	20	14.1	71		10	170
		Tetrachloro-m-xyl	1	20	20.0	100		21	165
		Decachlorobiphen	1	20	13.5	68		10	170

Surrogate Summary

SDG No.: Q3674

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3674-13	C0AK1	Tetrachloro-m-xyl	2	20	20.5	102		21	165
		Decachlorobiphen	2	20	12.7	63		10	170
Q3674-14	C0AK3	Tetrachloro-m-xyl	1	20	17.2	86		21	165
		Decachlorobiphen	1	20	15.1	75		10	170
		Tetrachloro-m-xyl	2	20	17.0	85		21	165
		Decachlorobiphen	2	20	13.2	66		10	170
Q3674-15	C0AK4	Tetrachloro-m-xyl	1	20	19.1	95		21	165
		Decachlorobiphen	1	20	15.6	78		10	170
		Tetrachloro-m-xyl	2	20	19.5	97		21	165
		Decachlorobiphen	2	20	14.6	73		10	170
I.BLK-PQ071455.D	PIBLK-PQ071455.D	Tetrachloro-m-xyl	1	20	21.8	109		60	140
		Decachlorobiphen	1	20	21.0	105		60	140
		Tetrachloro-m-xyl	2	20	21.9	110		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
I.BLK-PQ071475.D	PIBLK-PQ071475.D	Tetrachloro-m-xyl	1	20	24.1	121		60	140
		Decachlorobiphen	1	20	24.0	120		60	140
		Tetrachloro-m-xyl	2	20	23.3	116		60	140
		Decachlorobiphen	2	20	21.5	107		60	140
Q3674-02DL	C0AJ0DL	Tetrachloro-m-xyl	1	20	14.9	75		21	165
		Decachlorobiphen	1	20	10.3	52		10	170
		Tetrachloro-m-xyl	2	20	15.9	79		21	165
		Decachlorobiphen	2	20	8.05	40		10	170
I.BLK-PQ071487.D	PIBLK-PQ071487.D	Tetrachloro-m-xyl	1	20	23.6	118		60	140
		Decachlorobiphen	1	20	22.6	113		60	140
		Tetrachloro-m-xyl	2	20	23.7	119		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
Q3674-03DL	C0AJ1DL	Tetrachloro-m-xyl	1	20	0	0	*	21	165
		Decachlorobiphen	1	20	0	0	*	10	170
		Tetrachloro-m-xyl	2	20	0	0	*	21	165
		Decachlorobiphen	2	20	0	0	*	10	170
Q3674-04DL	C0AJ2DL	Tetrachloro-m-xyl	1	20	17.0	85		21	165
		Decachlorobiphen	1	20	9.40	47		10	170
		Tetrachloro-m-xyl	2	20	17.6	88		21	165
		Decachlorobiphen	2	20	9.00	45		10	170
Q3674-07DL	C0AJ5DL	Tetrachloro-m-xyl	1	20	20.1	101		21	165
		Decachlorobiphen	1	20	13.0	65		10	170
		Tetrachloro-m-xyl	2	20	19.9	99		21	165
		Decachlorobiphen	2	20	11.8	59		10	170
Q3674-14DL	C0AK3DL	Tetrachloro-m-xyl	1	20	0	0	*	21	165
		Decachlorobiphen	1	20	0	0	*	10	170
		Tetrachloro-m-xyl	2	20	0	0	*	21	165

Surrogate Summary

SDG No.: Q3674

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3674-14DL	C0AK3DL	Decachlorobiphen	2	20	0	0	*	10	170
I.BLK-PQ071497.D	PIBLK-PQ071497.D	Tetrachloro-m-xyl	1	20	24.3	121		60	140
		Decachlorobiphen	1	20	23.9	120		60	140
		Tetrachloro-m-xyl	2	20	24.7	124		60	140
		Decachlorobiphen	2	20	22.1	110		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3674</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Tetra Tech, EMI</u>	DataFile :	<u>PQ071440.D</u>

		Sample					Rec	RPD		Limits		
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3674-09MS	Client Sample ID:		C0AJ7MS								
	(Column 1)											
	AR1016	197.1	0	151	ug/kg	77				39	159	
	AR1260	197.1	11.9	136	ug/kg	63				19	160	
Lab Sample ID:	Q3674-09MS	Client Sample ID:		C0AJ7MS								
	(Column 2)											
	AR1016	197.1	0	178	ug/kg	90				39	159	
	AR1260	197.1	13.6	165	ug/kg	77				19	160	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3674</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Tetra Tech, EMI</u>	DataFile :	<u>PQ071441.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3674-09MSD	Client Sample ID:		C0AJ7MSD							
(Column 1)											
AR1016	196.9	0	148	ug/kg	75		3		39	159	21
AR1260	196.9	11.9	136	ug/kg	63		0		19	160	15
Lab Sample ID:	Q3674-09MSD	Client Sample ID:		C0AJ7MSD							
(Column 2)											
AR1016	196.9	0	173	ug/kg	88		2		39	159	21
AR1260	196.9	13.6	165	ug/kg	77		0		19	160	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3674</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Tetra Tech, EMI</u>	Datafile :	<u>PQ071433.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB170671BS (Column 1)	AR1016	166.5	150	ug/kg	90				71	120	
	AR1260	166.5	141	ug/kg	85				65	130	
PB170671BS (Column 2)	AR1016	166.5	173	ug/kg	104				71	120	
	AR1260	166.5	173	ug/kg	104				65	130	

4C
PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170671BL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: PB170671BL

Lab File ID: PQ071432.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/21/2025

Date Analyzed (1): 11/21/2025

Date Analyzed (2): 11/21/2025

Time Analyzed (1): 14:13

Time Analyzed (2): 14:13

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

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
C0AH9	Q3674-01	PQ071427.D	11/21/2025	11/21/2025
C0AJ0	Q3674-02	PQ071428.D	11/21/2025	11/21/2025
C0AJ1	Q3674-03	PQ071429.D	11/21/2025	11/21/2025
PB170671BS	PB170671BS	PQ071433.D	11/21/2025	11/21/2025
C0AJ2	Q3674-04	PQ071434.D	11/21/2025	11/21/2025
C0AJ3	Q3674-05	PQ071435.D	11/21/2025	11/21/2025
C0AJ4	Q3674-06	PQ071436.D	11/21/2025	11/21/2025
C0AJ5	Q3674-07	PQ071437.D	11/21/2025	11/21/2025
C0AJ6	Q3674-08	PQ071438.D	11/21/2025	11/21/2025
C0AJ7	Q3674-09	PQ071439.D	11/21/2025	11/21/2025
C0AJ7MS	Q3674-09MS	PQ071440.D	11/21/2025	11/21/2025
C0AJ7MSD	Q3674-09MSD	PQ071441.D	11/21/2025	11/21/2025
C0AJ8	Q3674-10	PQ071444.D	11/21/2025	11/21/2025
C0AJ9	Q3674-11	PQ071445.D	11/21/2025	11/21/2025
C0AK0	Q3674-12	PQ071446.D	11/21/2025	11/21/2025
C0AK1	Q3674-13	PQ071447.D	11/21/2025	11/21/2025
C0AK3	Q3674-14	PQ071448.D	11/21/2025	11/21/2025
C0AK4	Q3674-15	PQ071449.D	11/21/2025	11/21/2025

COMMENTS: _____



SAMPLE DATA

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Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AH9	SDG No.: Q3674	
Lab Sample ID: Q3674-01	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 83.4	
Sample Wt/Vol: 30.06 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/21/25 12:16	PB170671
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 12:16	PB170671
11141-16-5	Aroclor-1232	20.3	U	1	4.50	20.3	ug/kg	11/21/25 12:16	PB170671
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 12:16	PB170671
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 12:16	PB170671
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 12:16	PB170671
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 12:16	PB170671
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 12:16	PB170671
11096-82-5	Aroclor-1260	30.3		1	3.90	20.3	ug/kg	11/21/25 12:16	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.4			21 - 165	92%	SPK: 20		
2051-24-3	Decachlorobiphenyl	12.7			10 - 170	63%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:16
Operator : YP\AJ
Sample : Q3674-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AH9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:35:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.420	2.853	135.9E6	172.0E6	15.612	18.423
2) SA Decachlor...	8.551	7.657	65709670	115.9E6	10.494	12.681
Target Compounds						
31) L7 AR-1260-1	6.054	5.294	23972477	33196228	53.570	66.535
32) L7 AR-1260-2	6.311	5.484	37467445	53173675	73.334	87.691
33) L7 AR-1260-3	6.664	5.627	26567839	51469665	69.416	87.062 #
34) L7 AR-1260-4	6.878	6.091	25805140	36352678	61.713	73.384
35) L7 AR-1260-5	7.186	6.336	50076709	75476270	60.171	65.730

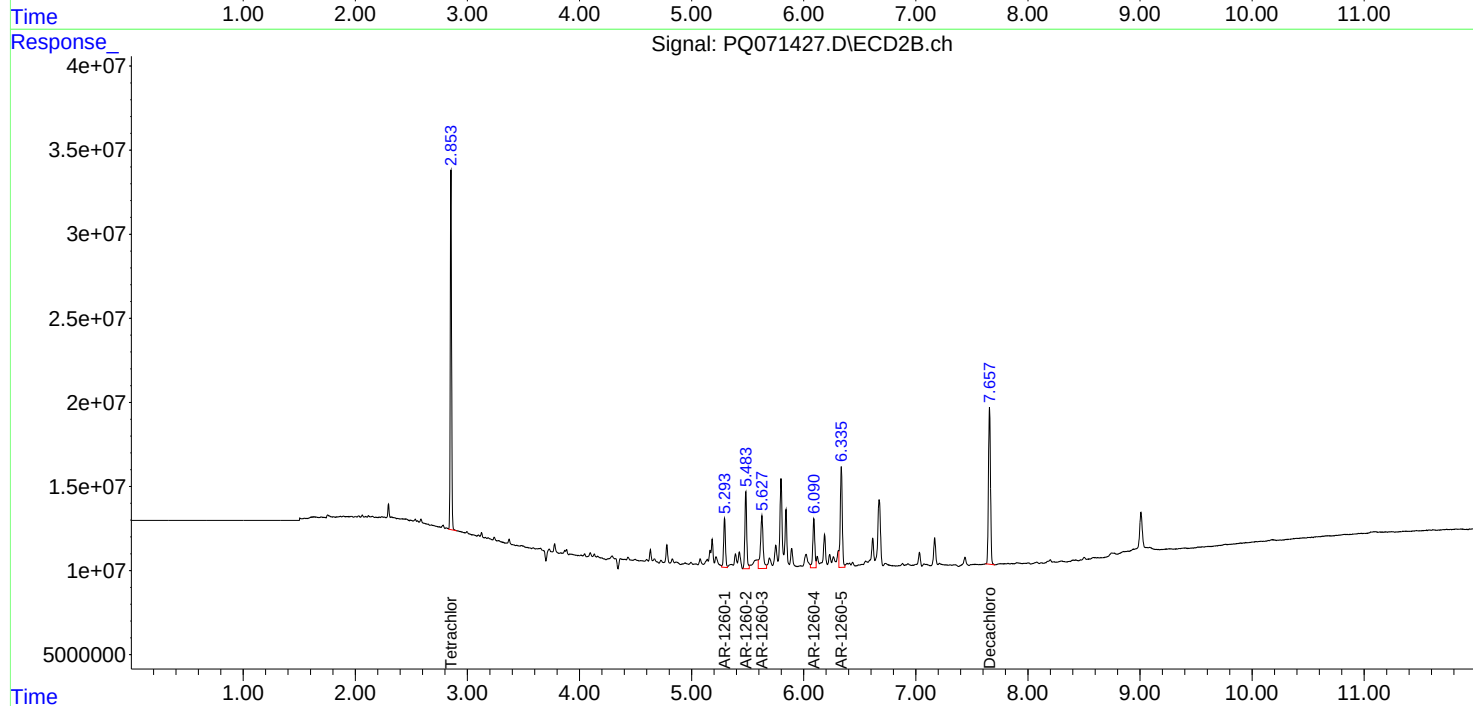
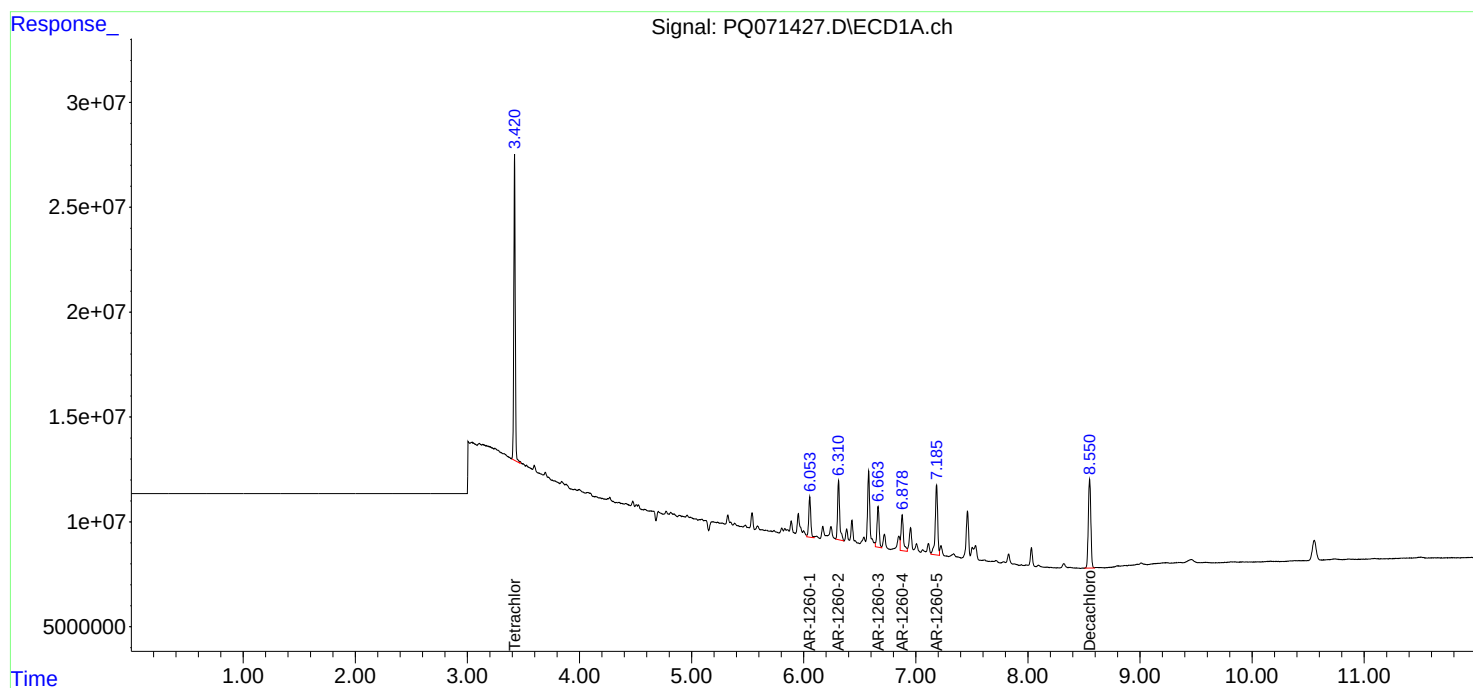
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

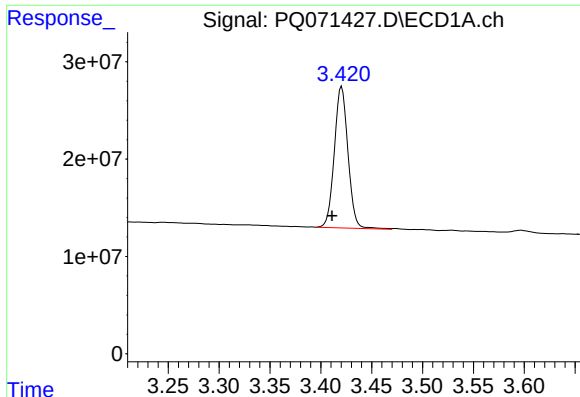
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:16
Operator : YP\AJ
Sample : Q3674-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AH9

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:35:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

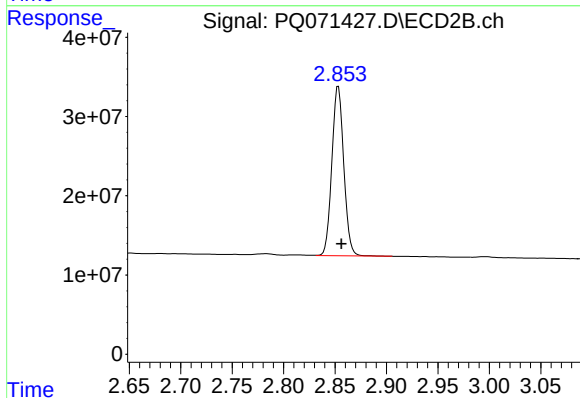




#1 Tetrachloro-m-xylene

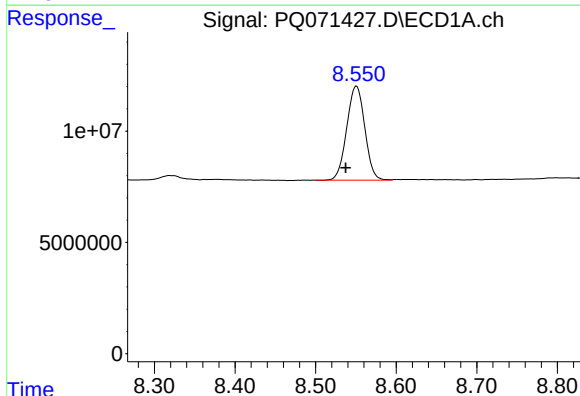
R.T.: 3.420 min
Delta R.T.: 0.009 min
Response: 135901074
Conc: 15.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AH9



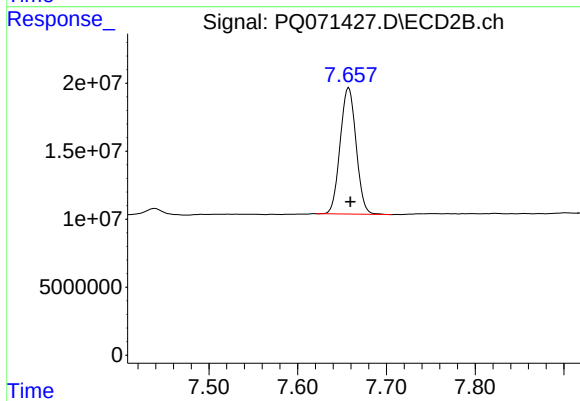
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 172005852
Conc: 18.42 ng/ml



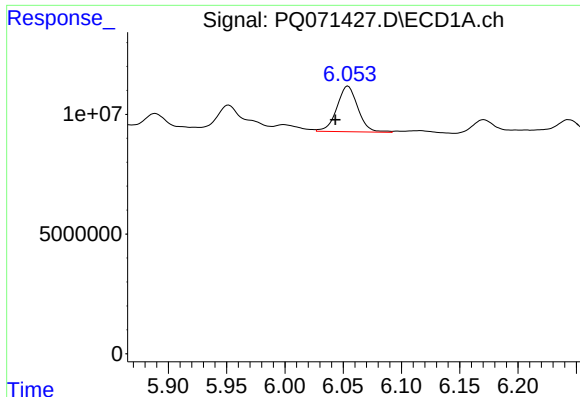
#2 Decachlorobiphenyl

R.T.: 8.551 min
Delta R.T.: 0.013 min
Response: 65709670
Conc: 10.49 ng/ml



#2 Decachlorobiphenyl

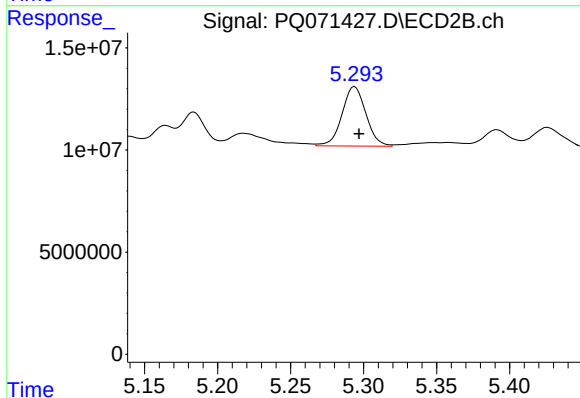
R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 115879223
Conc: 12.68 ng/ml



#31 AR-1260-1

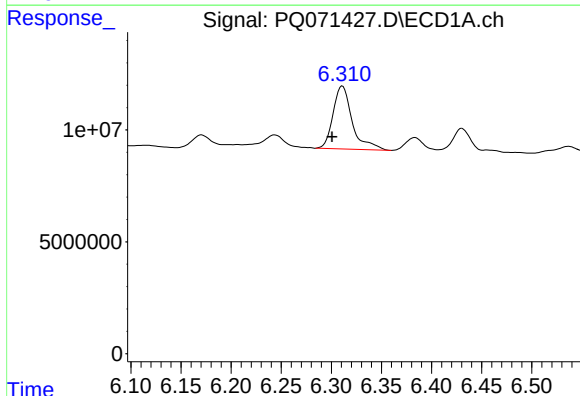
R.T.: 6.054 min
Delta R.T.: 0.011 min
Response: 23972477
Conc: 53.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AH9



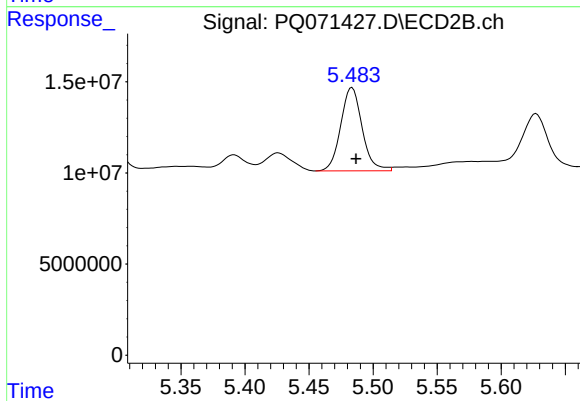
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 33196228
Conc: 66.54 ng/ml



#32 AR-1260-2

R.T.: 6.311 min
Delta R.T.: 0.010 min
Response: 37467445
Conc: 73.33 ng/ml

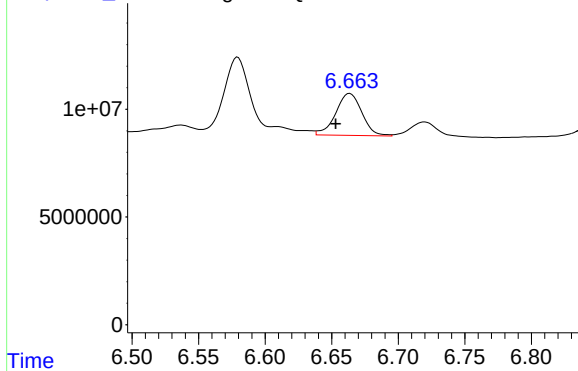


#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 53173675
Conc: 87.69 ng/ml

Response_ Signal: PQ071427.D\ECD1A.ch

#33 AR-1260-3

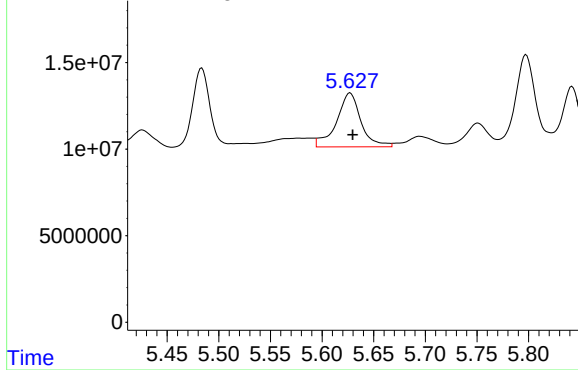


R.T.: 6.664 min
Delta R.T.: 0.011 min
Response: 26567839
Conc: 69.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AH9

Response_ Signal: PQ071427.D\ECD2B.ch

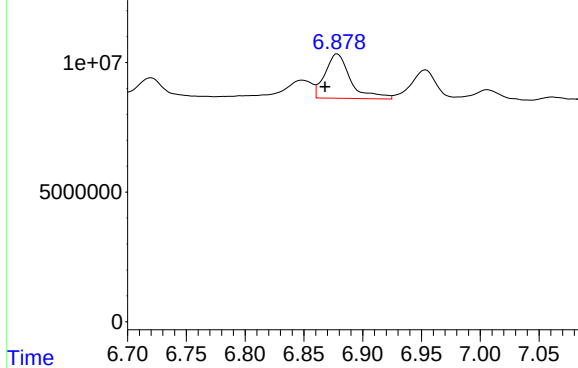
#33 AR-1260-3



R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 51469665
Conc: 87.06 ng/ml

Response_ Signal: PQ071427.D\ECD1A.ch

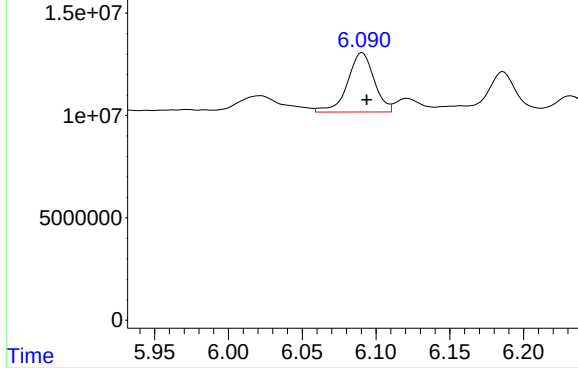
#34 AR-1260-4



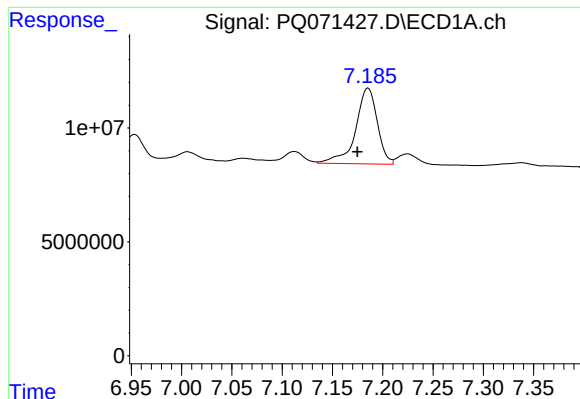
R.T.: 6.878 min
Delta R.T.: 0.011 min
Response: 25805140
Conc: 61.71 ng/ml

Response_ Signal: PQ071427.D\ECD2B.ch

#34 AR-1260-4



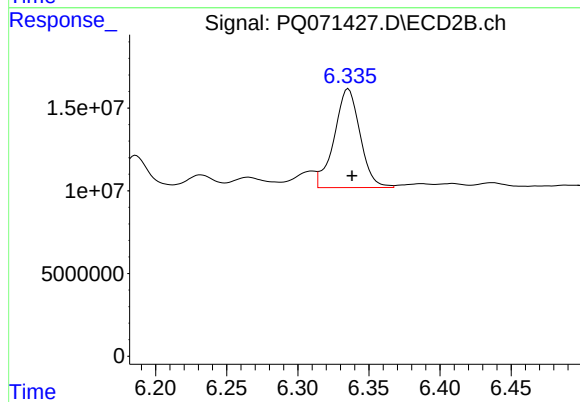
R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 36352678
Conc: 73.38 ng/ml



#35 AR-1260-5

R.T.: 7.186 min
Delta R.T.: 0.011 min
Response: 50076709
Conc: 60.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AH9



#35 AR-1260-5

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 75476270
Conc: 65.73 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ0	SDG No.: Q3674	
Lab Sample ID: Q3674-02	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 86.1	
Sample Wt/Vol: 30.04 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	19.7	U	1	4.60	19.7	ug/kg	11/21/25 12:31	PB170671
11104-28-2	Aroclor-1221	19.7	U	1	4.70	19.7	ug/kg	11/21/25 12:31	PB170671
11141-16-5	Aroclor-1232	19.7	U	1	4.30	19.7	ug/kg	11/21/25 12:31	PB170671
53469-21-9	Aroclor-1242	19.7	U	1	4.70	19.7	ug/kg	11/21/25 12:31	PB170671
12672-29-6	Aroclor-1248	19.7	U	1	6.90	19.7	ug/kg	11/21/25 12:31	PB170671
11097-69-1	Aroclor-1254	19.7	U	1	3.70	19.7	ug/kg	11/21/25 12:31	PB170671
37324-23-5	Aroclor-1262	19.7	U	1	5.80	19.7	ug/kg	11/21/25 12:31	PB170671
11100-14-4	Aroclor-1268	19.7	U	1	4.20	19.7	ug/kg	11/21/25 12:31	PB170671
11096-82-5	Aroclor-1260	684	E	1	3.70	19.7	ug/kg	11/21/25 12:31	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.8			21 - 165	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.2			10 - 170	81%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:31
Operator : YP\AJ
Sample : Q3674-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.854	175.6E6	221.9E6	20.168	23.771
2) SA Decachlor...	8.538	7.654	84627788	147.6E6	13.515	16.157
Target Compounds						
31) L7 AR-1260-1	6.043	5.293	702.8E6	966.3E6	1570.583	1936.762
32) L7 AR-1260-2	6.300	5.482	849.7E6	1187.2E6	1663.113	1957.880
33) L7 AR-1260-3	6.653	5.625	558.2E6	1040.5E6	1458.549	1759.974
34) L7 AR-1260-4	6.868	6.089	578.5E6	803.1E6	1383.595	1621.136
35) L7 AR-1260-5	7.175	6.334	1128.4E6	1799.8E6	1355.810	1567.351

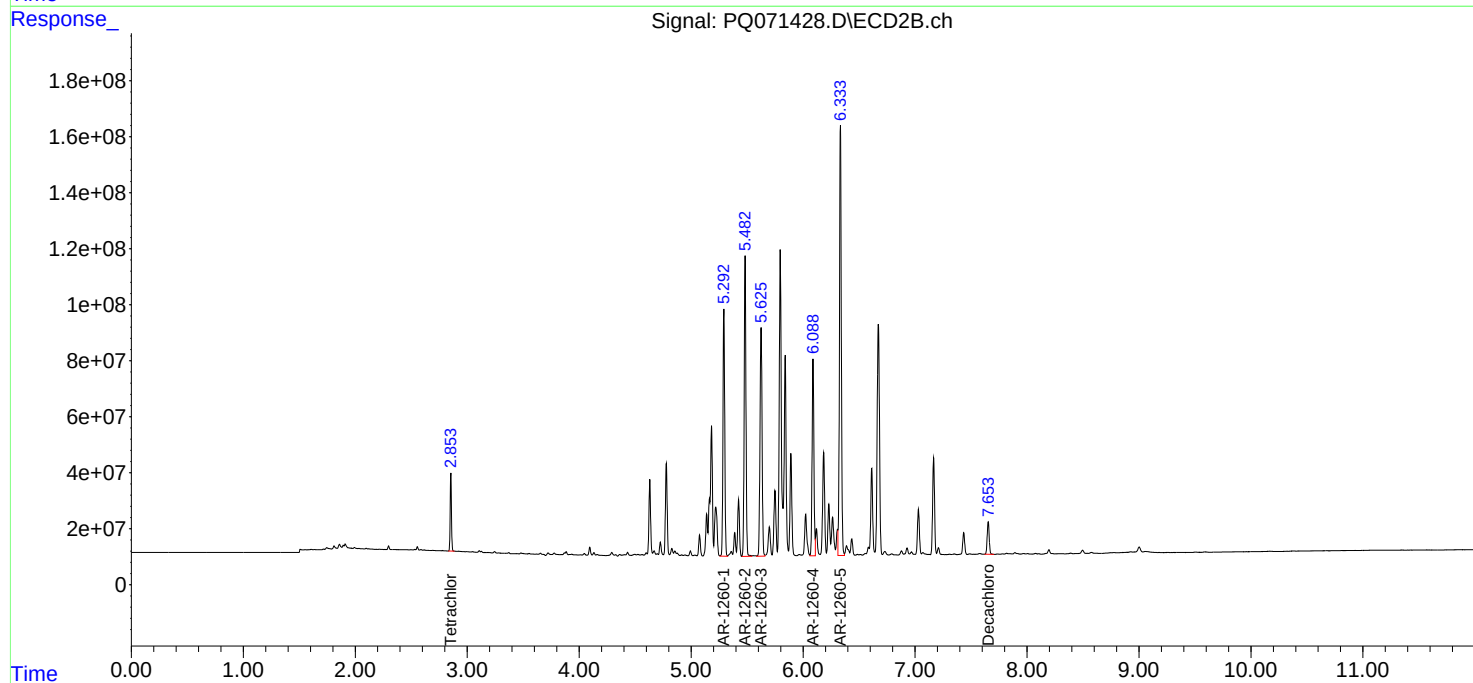
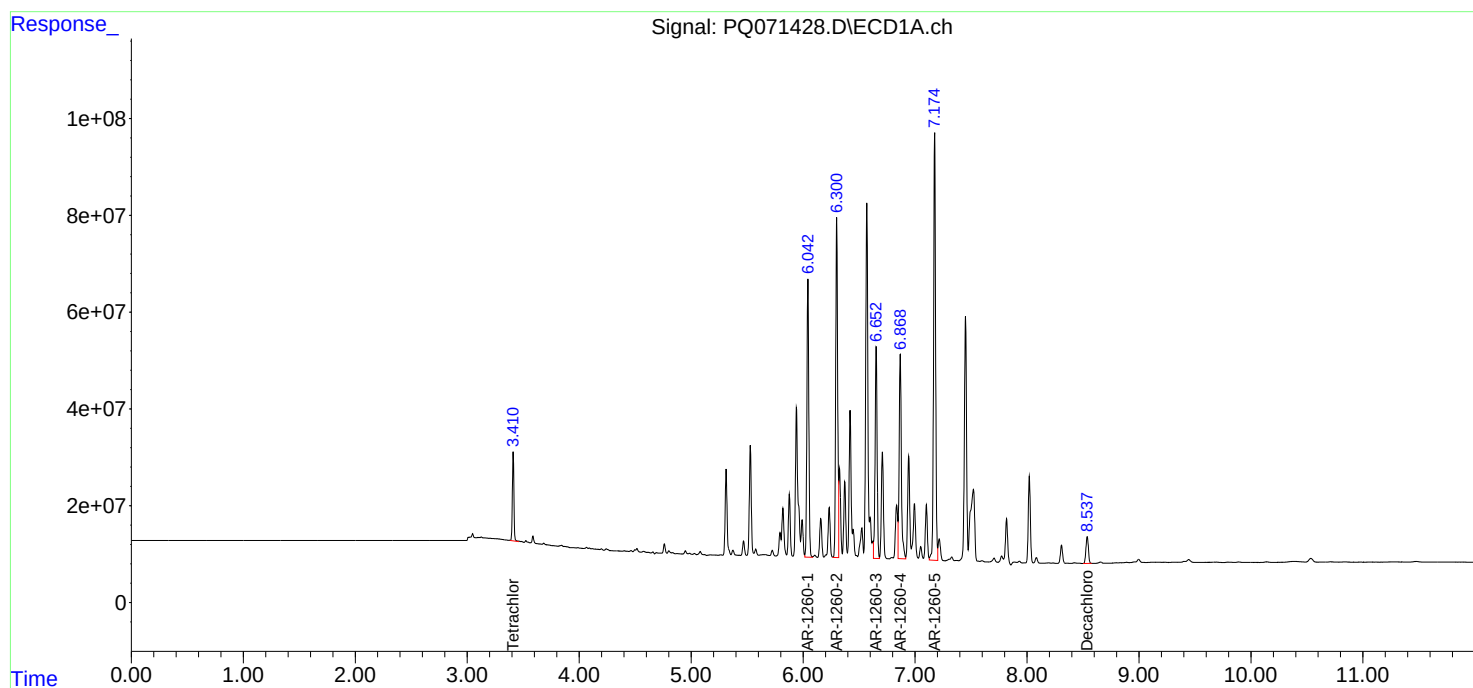
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

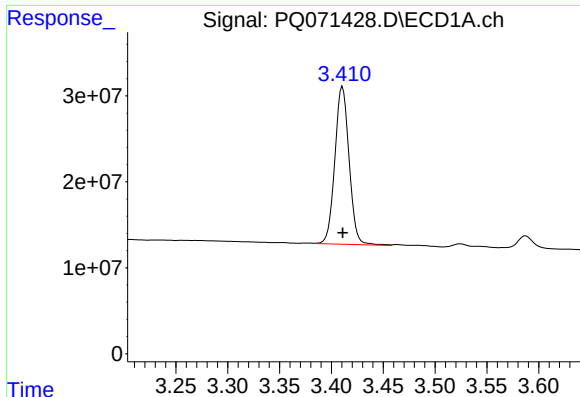
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:31
Operator : YP\AJ
Sample : Q3674-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

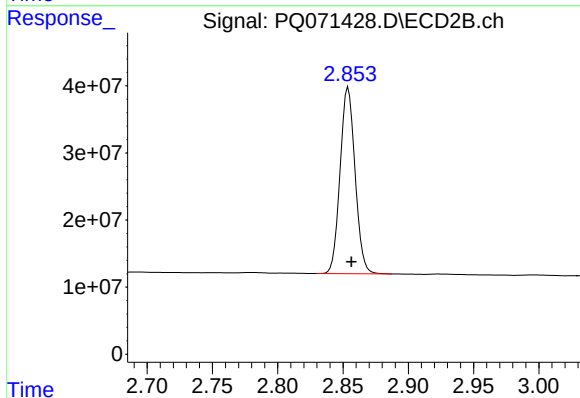




#1 Tetrachloro-m-xylene

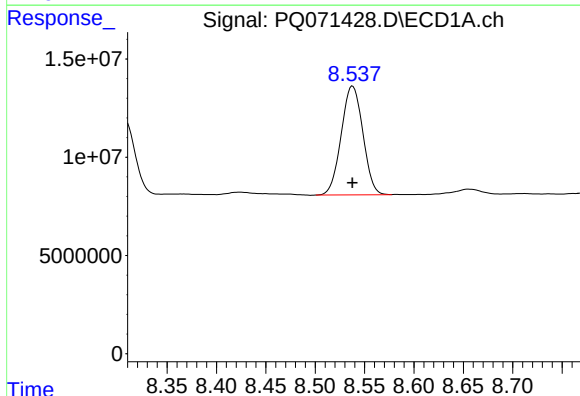
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 175569996
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0



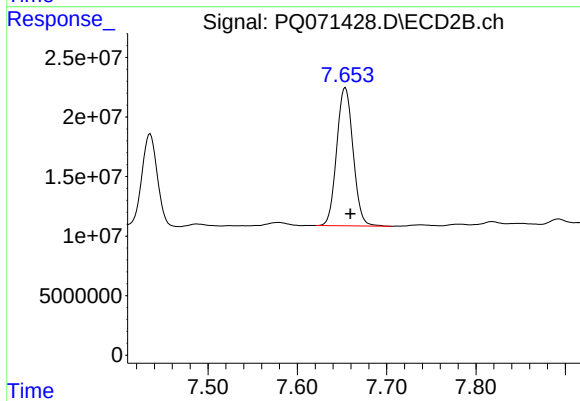
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 221945518
Conc: 23.77 ng/ml



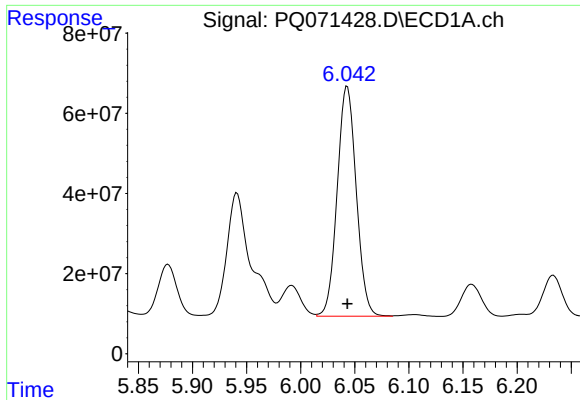
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 84627788
Conc: 13.52 ng/ml



#2 Decachlorobiphenyl

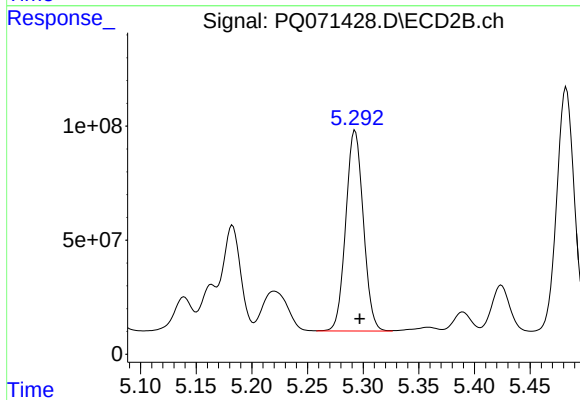
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 147634382
Conc: 16.16 ng/ml



#31 AR-1260-1

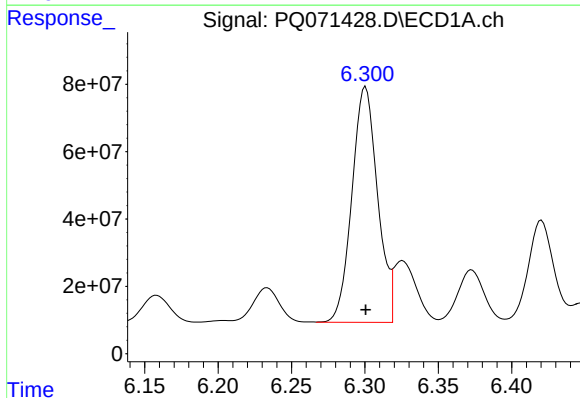
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 702831466
Conc: 1570.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0



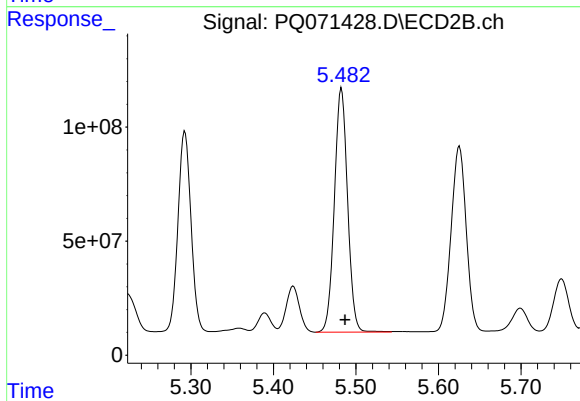
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 966302583
Conc: 1936.76 ng/ml



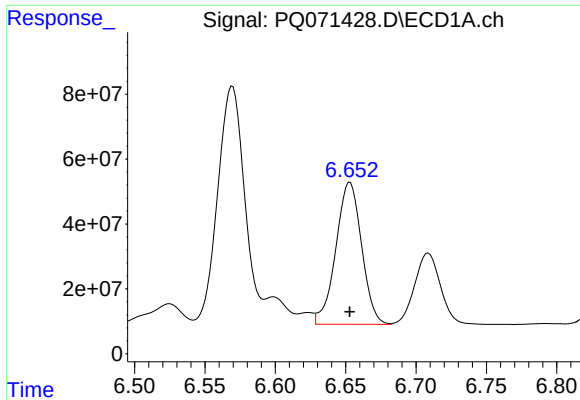
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 849707249
Conc: 1663.11 ng/ml



#32 AR-1260-2

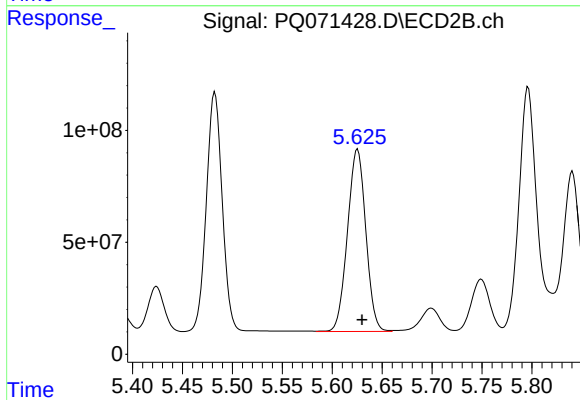
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 1187210999
Conc: 1957.88 ng/ml



#33 AR-1260-3

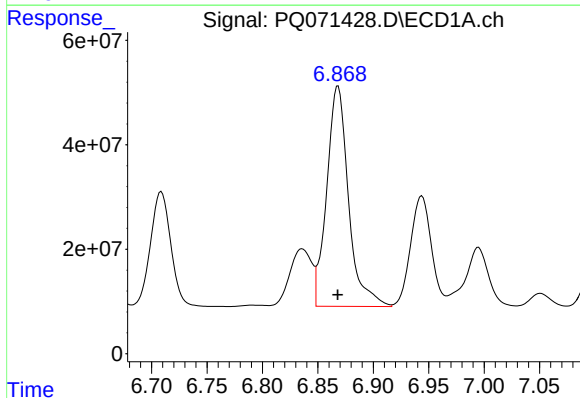
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 558235995
Conc: 1458.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0



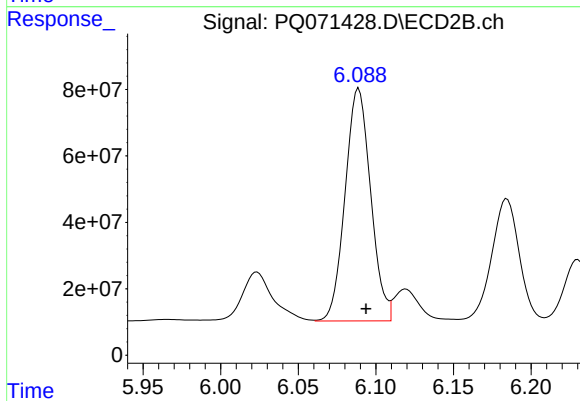
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 1040468589
Conc: 1759.97 ng/ml



#34 AR-1260-4

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 578542806
Conc: 1383.60 ng/ml

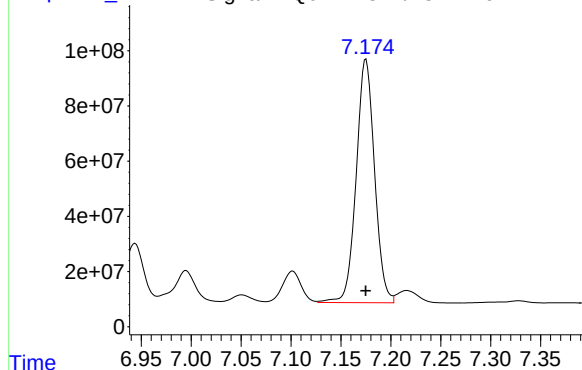


#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 803076599
Conc: 1621.14 ng/ml

Response_ Signal: PQ071428.D\ECD1A.ch

#35 AR-1260-5

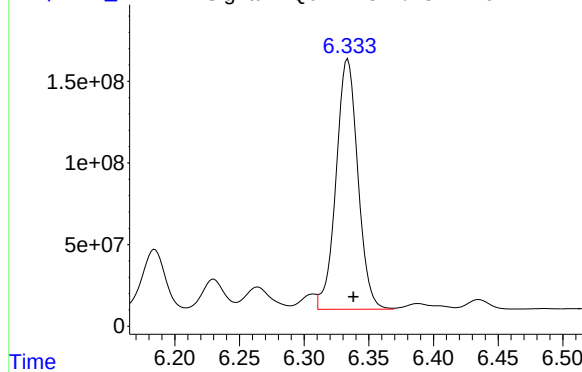


R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1128356273
Conc: 1355.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0

Time Response_ Signal: PQ071428.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 1799767380
Conc: 1567.35 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ0DL	SDG No.: Q3674	
Lab Sample ID: Q3674-02DL	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 86.1	
Sample Wt/Vol: 30.04 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	98.6	UD	5	22.9	98.6	ug/kg	11/24/25 14:54	PB170671
11104-28-2	Aroclor-1221	98.6	UD	5	23.4	98.6	ug/kg	11/24/25 14:54	PB170671
11141-16-5	Aroclor-1232	98.6	UD	5	21.6	98.6	ug/kg	11/24/25 14:54	PB170671
53469-21-9	Aroclor-1242	98.6	UD	5	23.3	98.6	ug/kg	11/24/25 14:54	PB170671
12672-29-6	Aroclor-1248	98.6	UD	5	34.3	98.6	ug/kg	11/24/25 14:54	PB170671
11097-69-1	Aroclor-1254	98.6	UD	5	18.6	98.6	ug/kg	11/24/25 14:54	PB170671
37324-23-5	Aroclor-1262	98.6	UD	5	29.1	98.6	ug/kg	11/24/25 14:54	PB170671
11100-14-4	Aroclor-1268	98.6	UD	5	20.9	98.6	ug/kg	11/24/25 14:54	PB170671
11096-82-5	Aroclor-1260	439	D	5	18.7	98.6	ug/kg	11/24/25 14:54	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.9			21 - 165	79%	SPK: 20		
2051-24-3	Decachlorobiphenyl	10.3			10 - 170	52%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
 Data File : PQ071484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 14:54
 Operator : YP\AJ
 Sample : Q3674-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ0DL

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 15:14:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.426	2.854	25930069	29706517	2.979	3.182
2) SA Decachlor...	8.562	7.660	12966976	14756260	2.071	1.615m
Target Compounds						
31) L7 AR-1260-1	6.061	5.294	105.4E6	125.5E6	235.526	251.633
32) L7 AR-1260-2	6.318	5.484	126.6E6	157.9E6	247.701	260.342
33) L7 AR-1260-3	6.671	5.627	78735495	137.8E6	205.719m	233.161
34) L7 AR-1260-4	6.886	6.091	84613188	99230058	202.354m	200.311
35) L7 AR-1260-5	7.195	6.337	153.5E6	217.6E6	184.493	189.469

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 14:54
Operator : YP\AJ
Sample : Q3674-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ0DL

Manual Integrations

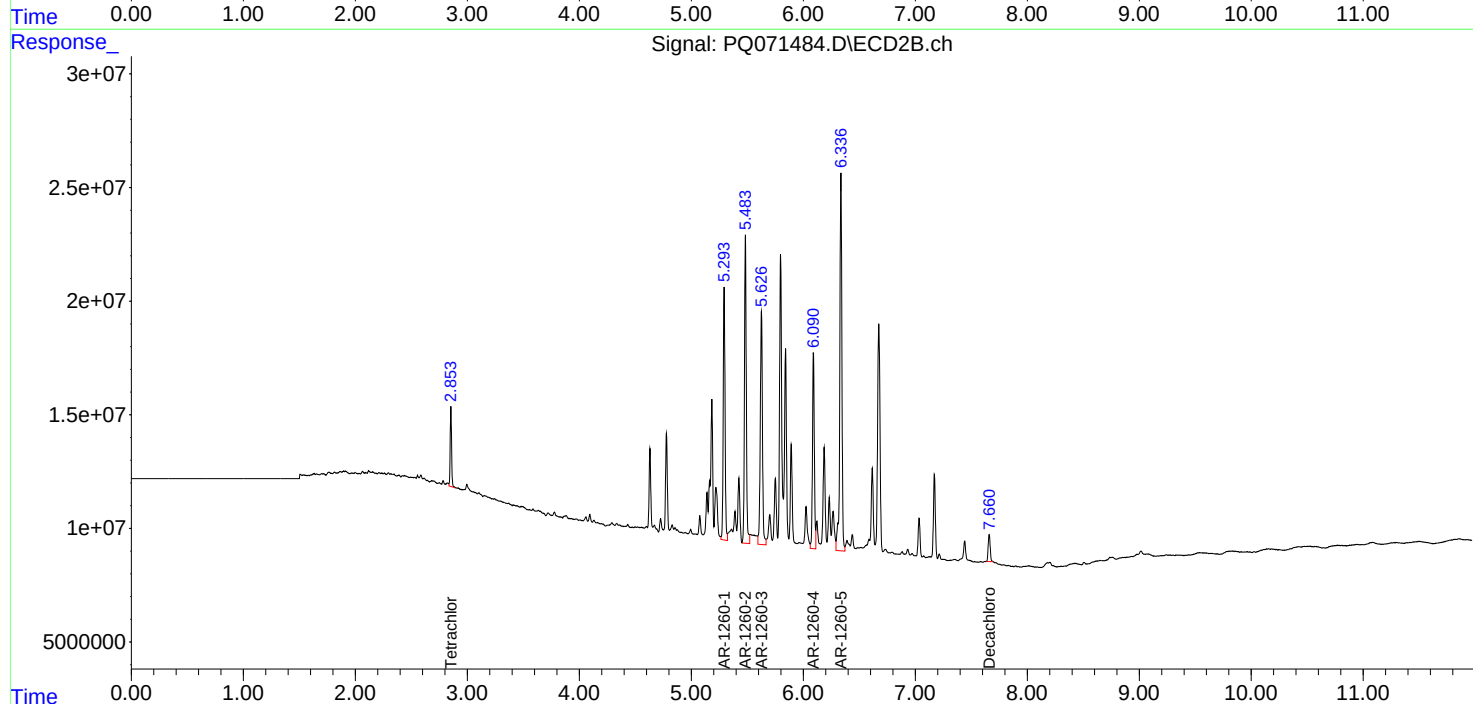
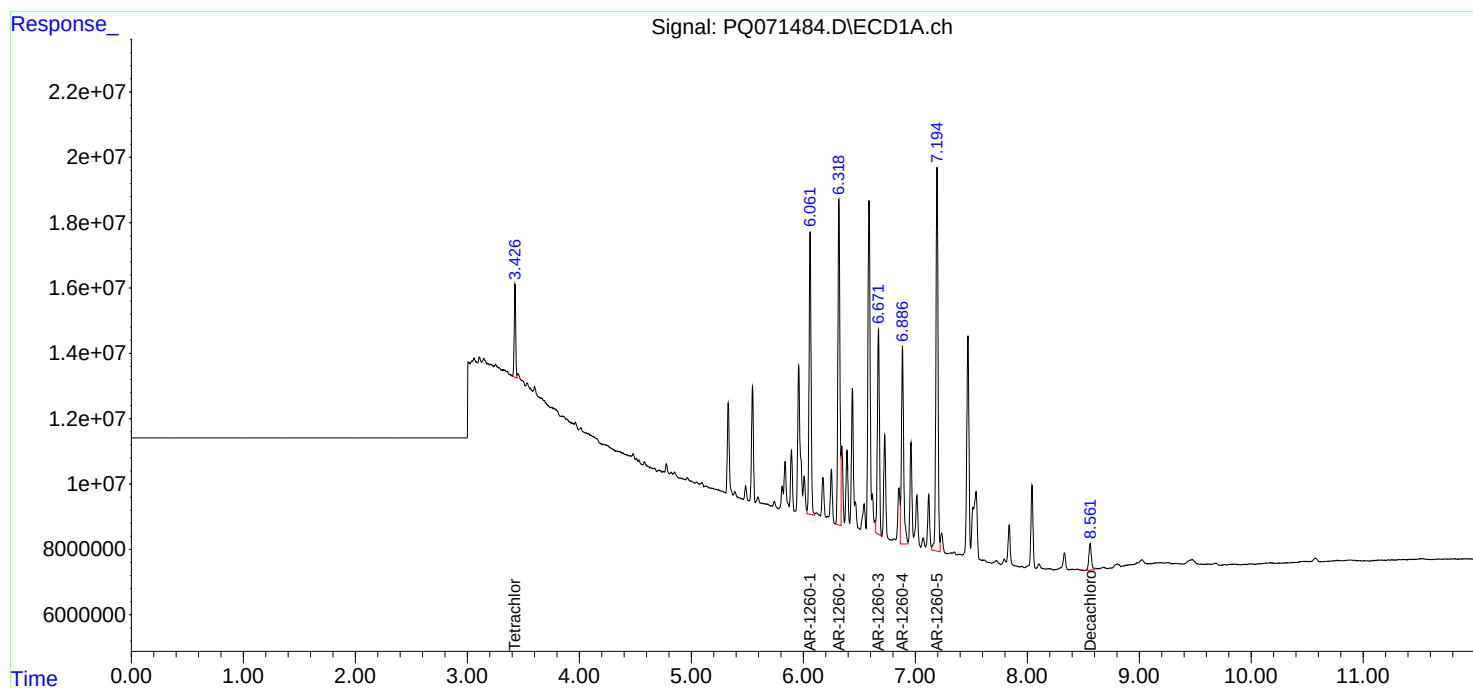
APPROVED

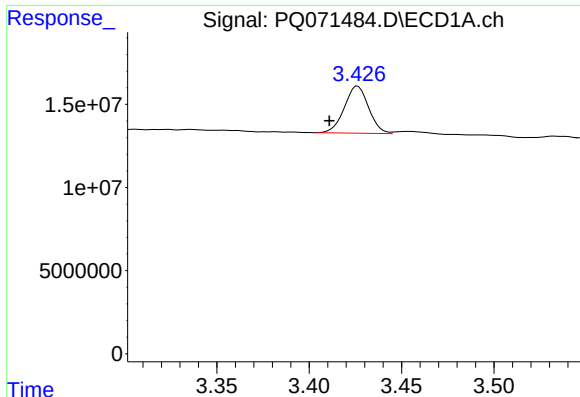
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 15:14:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





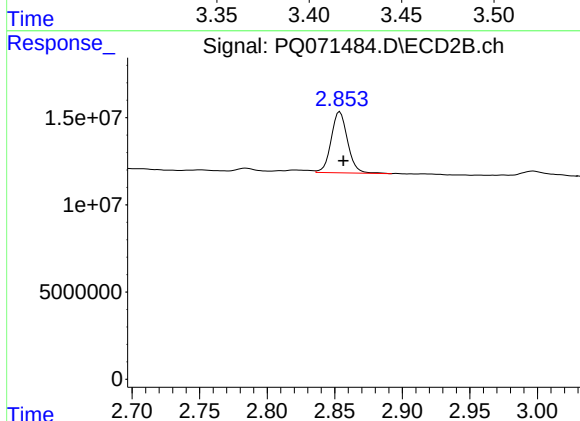
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: 0.015 min
Response: 25930069
Conc: 2.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0DL

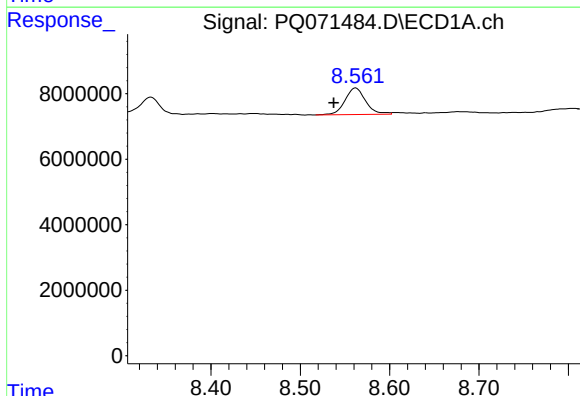
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



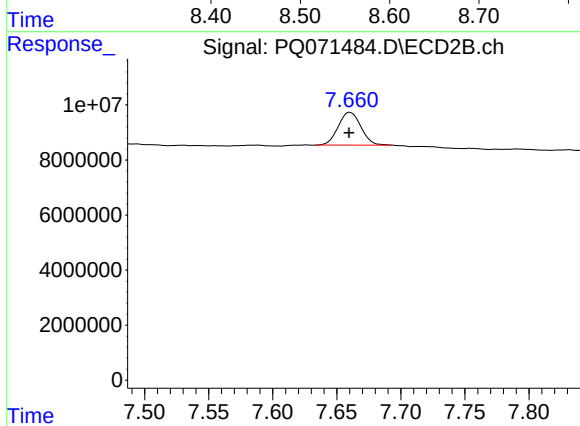
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 29706517
Conc: 3.18 ng/ml



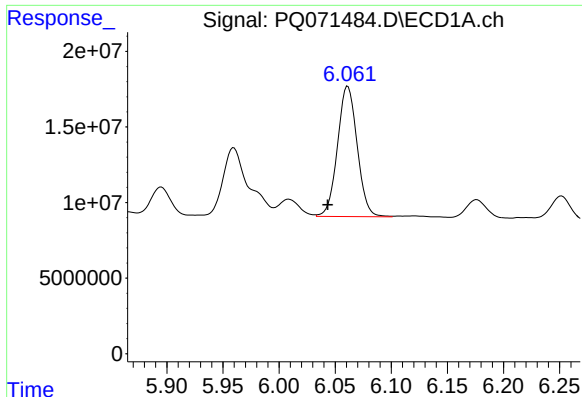
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.025 min
Response: 12966976
Conc: 2.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 14756260
Conc: 1.61 ng/ml m



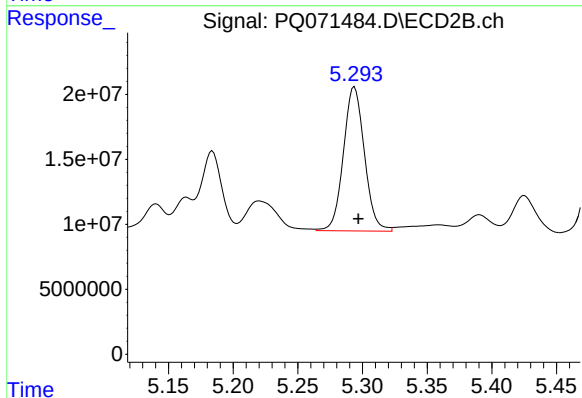
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: 0.018 min
Response: 105397049
Conc: 235.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0DL

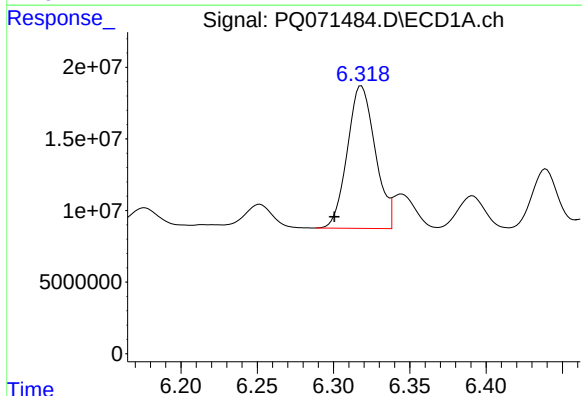
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



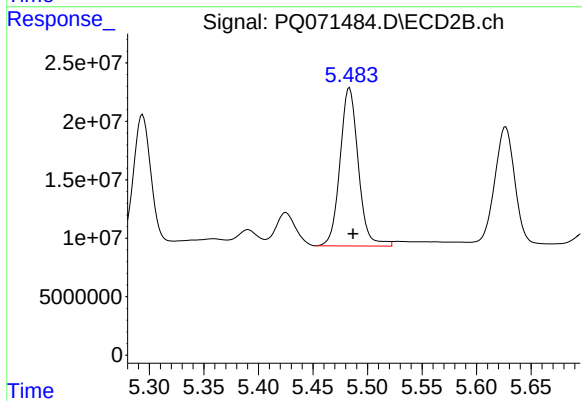
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 125546538
Conc: 251.63 ng/ml



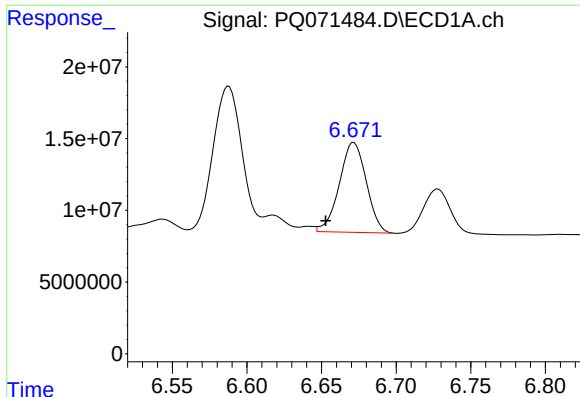
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: 0.018 min
Response: 126553712
Conc: 247.70 ng/ml



#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 157865115
Conc: 260.34 ng/ml



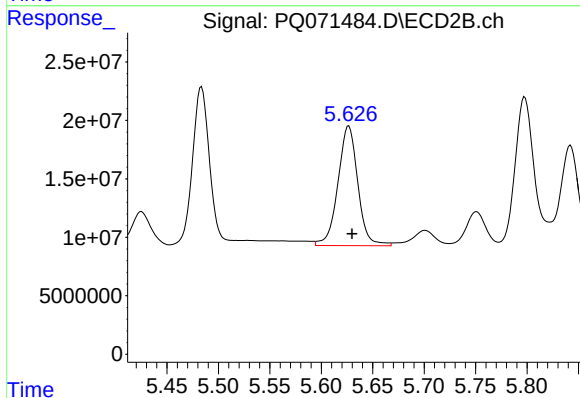
#33 AR-1260-3

R.T.: 6.671 min
Delta R.T.: 0.018 min
Response: 78735495
Conc: 205.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0DL

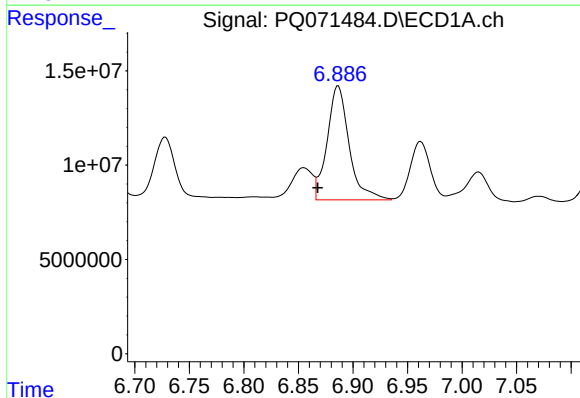
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



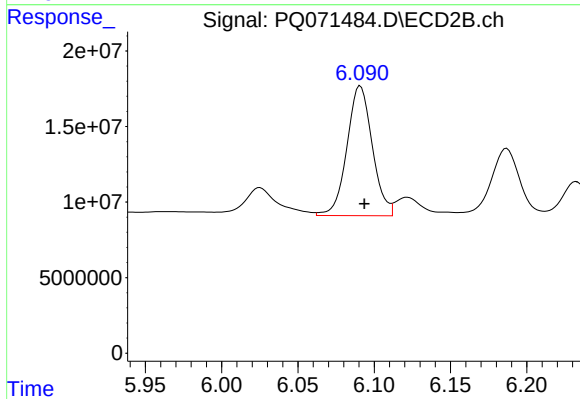
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 137840793
Conc: 233.16 ng/ml



#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: 0.018 min
Response: 84613188
Conc: 202.35 ng/ml m



#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 99230058
Conc: 200.31 ng/ml

Response_ Signal: PQ071484.D\ECD1A.ch

#35 AR-1260-5

R.T.: 7.195 min
Delta R.T.: 0.020 min
Response: 153541643
Conc: 184.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ0DL

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Time

Response_ Signal: PQ071484.D\ECD2B.ch

#35 AR-1260-5

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 217564059
Conc: 189.47 ng/ml

Time

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ1	SDG No.: Q3674	
Lab Sample ID: Q3674-03	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.6	
Sample Wt/Vol: 30.02 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/21/25 12:45	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 12:45	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 12:45	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 12:45	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 12:45	PB170671
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 12:45	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 12:45	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 12:45	PB170671
11096-82-5	Aroclor-1260	13000	E	1	3.80	20.1	ug/kg	11/21/25 12:45	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.1			21 - 165	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.5			10 - 170	118%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:45
Operator : YP\AJ
Sample : Q3674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.855	175.6E6	225.1E6	20.171	24.106
2) SA Decachlor...	8.537	7.654	129.7E6	214.8E6	20.709	23.508

Target Compounds

31) L7 AR-1260-1	6.043	5.295	12773.4E6	16329.0E6	28544.058	32728.267
32) L7 AR-1260-2	6.299	5.483	17353.3E6	21358.3E6	33965.293m	35222.843
33) L7 AR-1260-3	6.651	5.628	12794.0E6	20737.3E6	33427.930m	35077.523
34) L7 AR-1260-4	6.867	6.092	14522.2E6	16688.2E6	34730.132	33687.719
35) L7 AR-1260-5	7.175	6.330	26972.3E6	30642.5E6	32409.417	26685.405

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:45
Operator : YP\AJ
Sample : Q3674-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ1

Manual Integrations

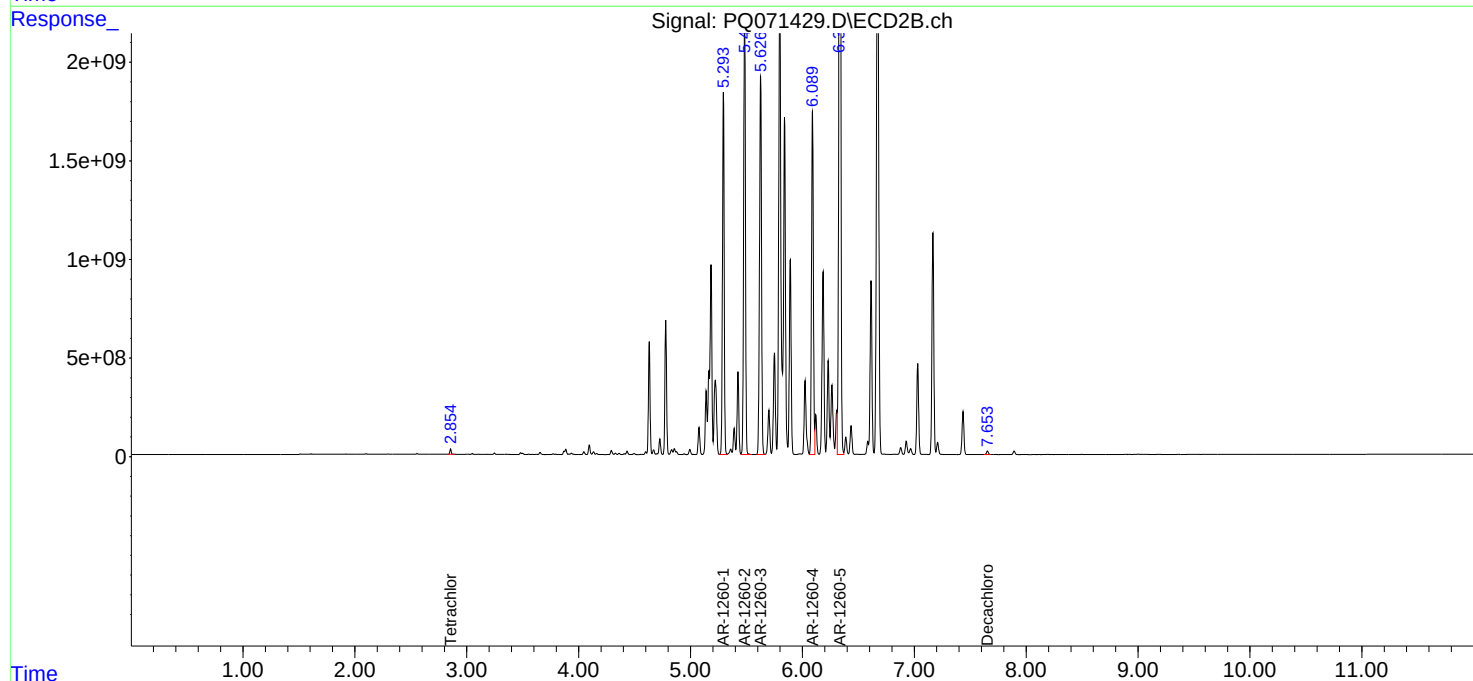
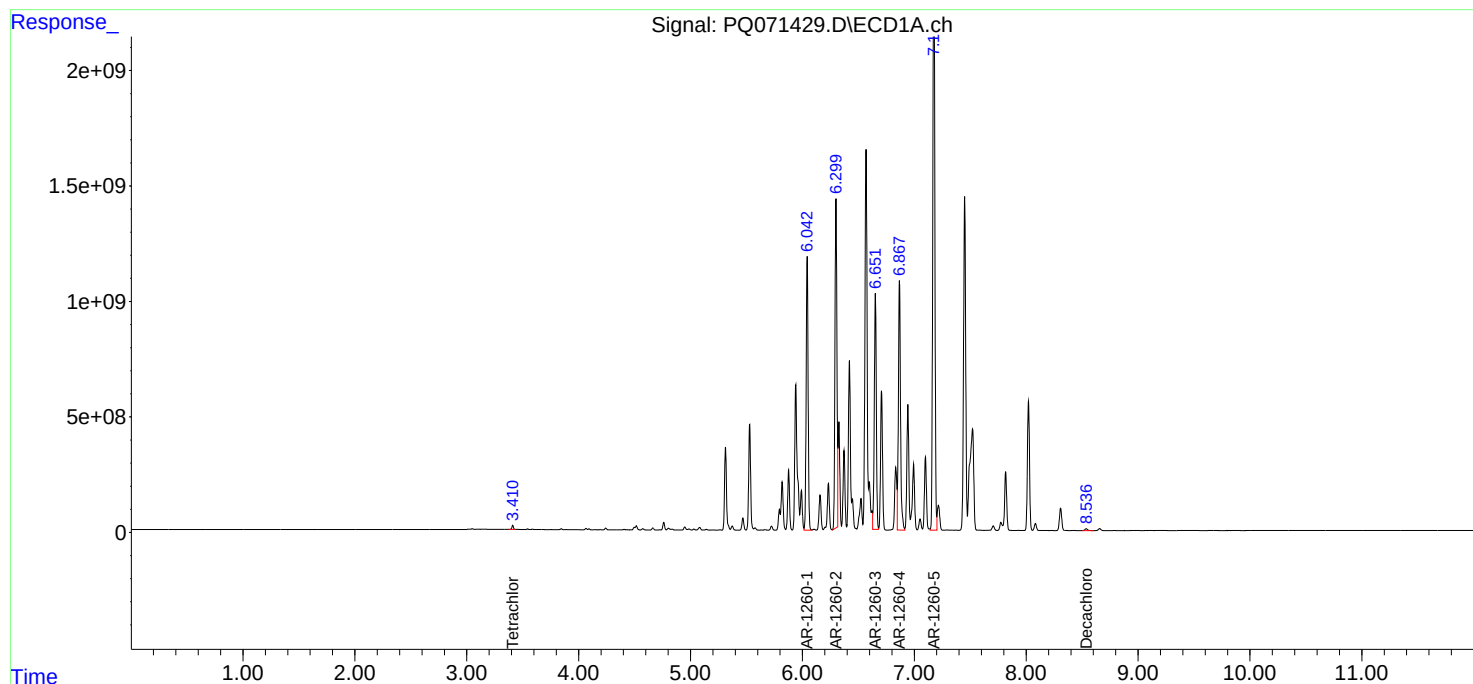
APPROVED

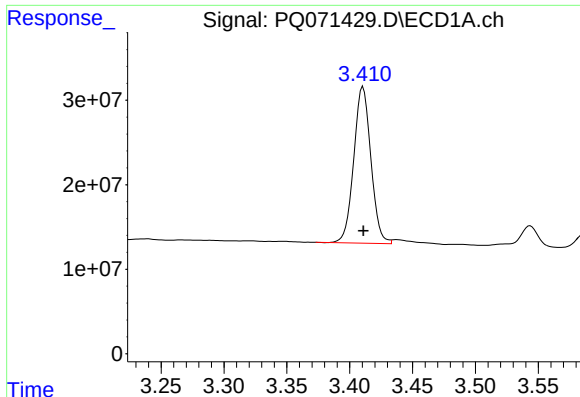
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





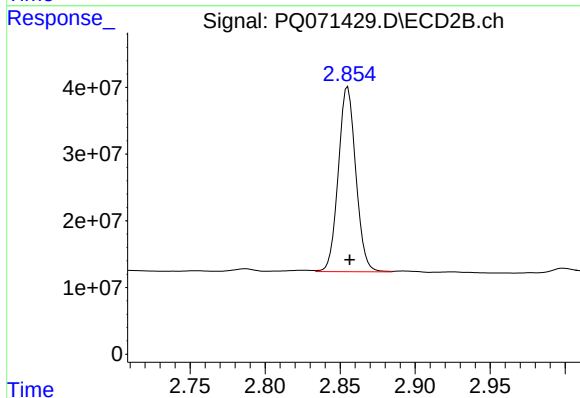
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 175595098
Conc: 20.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ1

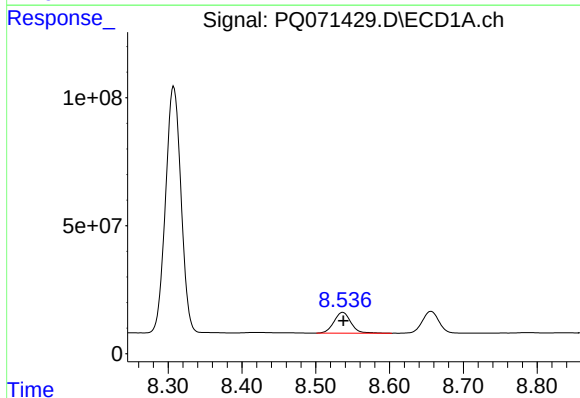
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



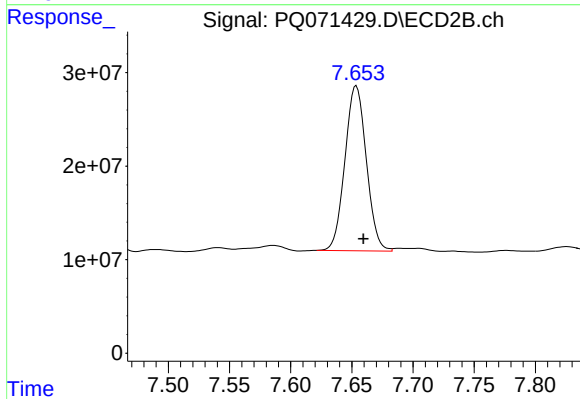
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 225071301
Conc: 24.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 129670311
Conc: 20.71 ng/ml

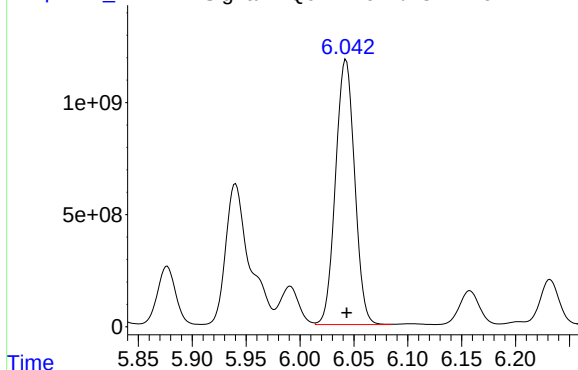


#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 214806270
Conc: 23.51 ng/ml

Response_ Signal: PQ071429.D\ECD1A.ch

#31 AR-1260-1



R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 12773384559
Conc: 28544.06 ng/ml

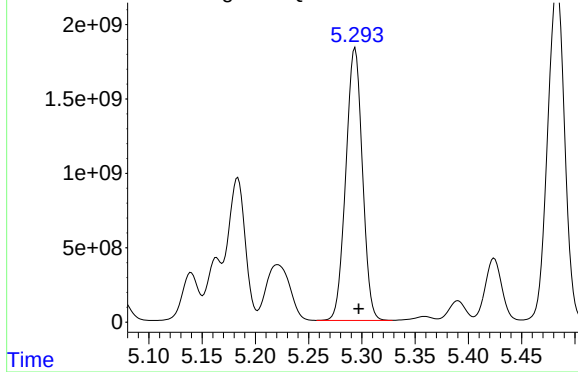
Instrument :
ECD_Q
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Response_ Signal: PQ071429.D\ECD2B.ch

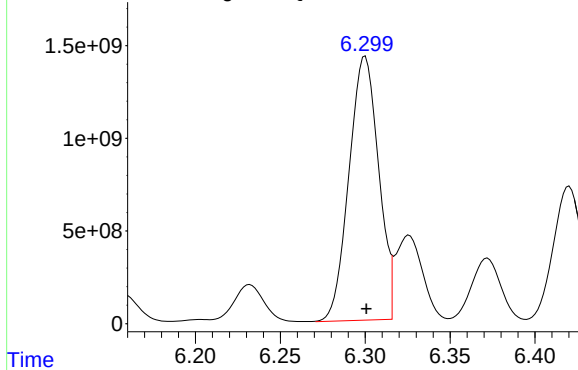
#31 AR-1260-1



R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 16329010019
Conc: 32728.27 ng/ml

Response_ Signal: PQ071429.D\ECD1A.ch

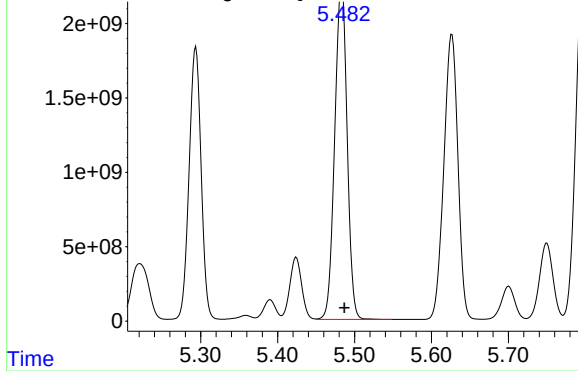
#32 AR-1260-2



R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 17353337947
Conc: 33965.29 ng/ml m

Response_ Signal: PQ071429.D\ECD2B.ch

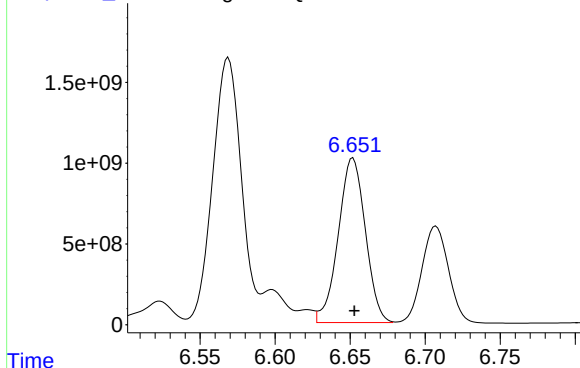
#32 AR-1260-2



R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 21358280376
Conc: 35222.84 ng/ml

Response_ Signal: PQ071429.D\ECD1A.ch

#33 AR-1260-3



R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 12793997486
Conc: 33427.93 ng/ml

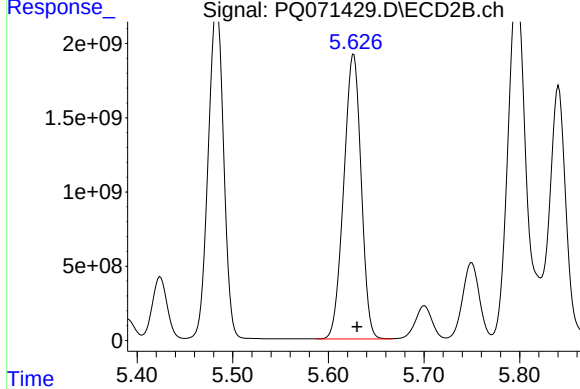
Instrument :
ECD_Q
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Response_ Signal: PQ071429.D\ECD2B.ch

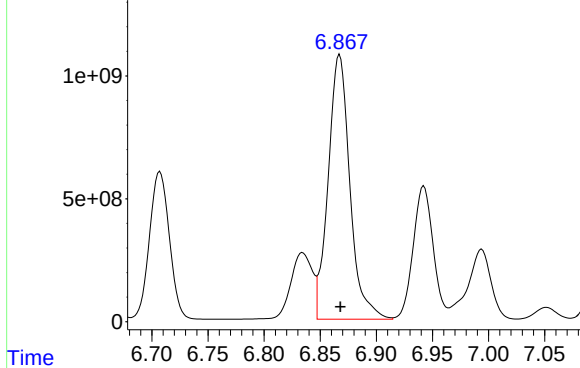
#33 AR-1260-3



R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 20737274384
Conc: 35077.52 ng/ml

Response_ Signal: PQ071429.D\ECD1A.ch

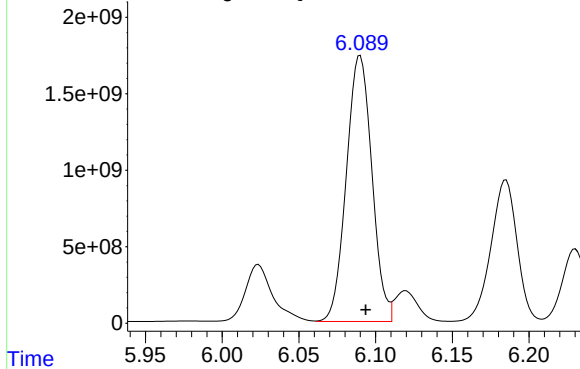
#34 AR-1260-4



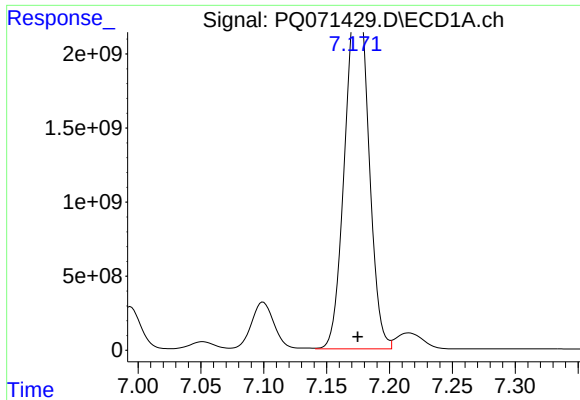
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 14522217825
Conc: 34730.13 ng/ml

Response_ Signal: PQ071429.D\ECD2B.ch

#34 AR-1260-4



R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 16688181673
Conc: 33687.72 ng/ml



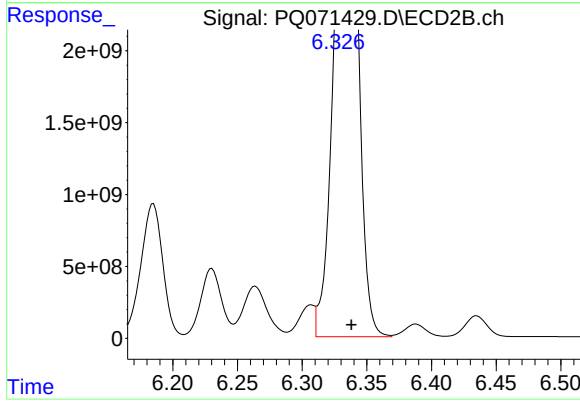
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 26972341086
Conc: 32409.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#35 AR-1260-5

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 30642472334
Conc: 26685.40 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ1DL	SDG No.: Q3674	
Lab Sample ID: Q3674-03DL	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.6	
Sample Wt/Vol: 30.02 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	1000	UD	50	233	1000	ug/kg	11/24/25 16:43	PB170671
11104-28-2	Aroclor-1221	1000	UD	50	238	1000	ug/kg	11/24/25 16:43	PB170671
11141-16-5	Aroclor-1232	1000	UD	50	220	1000	ug/kg	11/24/25 16:43	PB170671
53469-21-9	Aroclor-1242	1000	UD	50	237	1000	ug/kg	11/24/25 16:43	PB170671
12672-29-6	Aroclor-1248	1000	UD	50	350	1000	ug/kg	11/24/25 16:43	PB170671
11097-69-1	Aroclor-1254	1000	UD	50	190	1000	ug/kg	11/24/25 16:43	PB170671
37324-23-5	Aroclor-1262	1000	UD	50	296	1000	ug/kg	11/24/25 16:43	PB170671
11100-14-4	Aroclor-1268	1000	UD	50	213	1000	ug/kg	11/24/25 16:43	PB170671
11096-82-5	Aroclor-1260	16000	D	50	191	1000	ug/kg	11/24/25 16:43	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	0	*		21 - 165	0%	SPK: 20		
2051-24-3	Decachlorobiphenyl	0	*		10 - 170	0%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:43
Operator : YP\AJ
Sample : Q3674-03DL 50X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 16:58:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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							
31)	L7	AR-1260-1	6.044	5.292	350.1E6	411.5E6	782.346 824.679
32)	L7	AR-1260-2	6.300	5.481	417.6E6	503.6E6	817.359 830.559
33)	L7	AR-1260-3	6.653	5.625	288.3E6	476.4E6	753.227 805.788
34)	L7	AR-1260-4	6.868	6.088	318.8E6	380.3E6	762.484 767.747
35)	L7	AR-1260-5	7.175	6.332	649.2E6	889.1E6	780.098 774.290

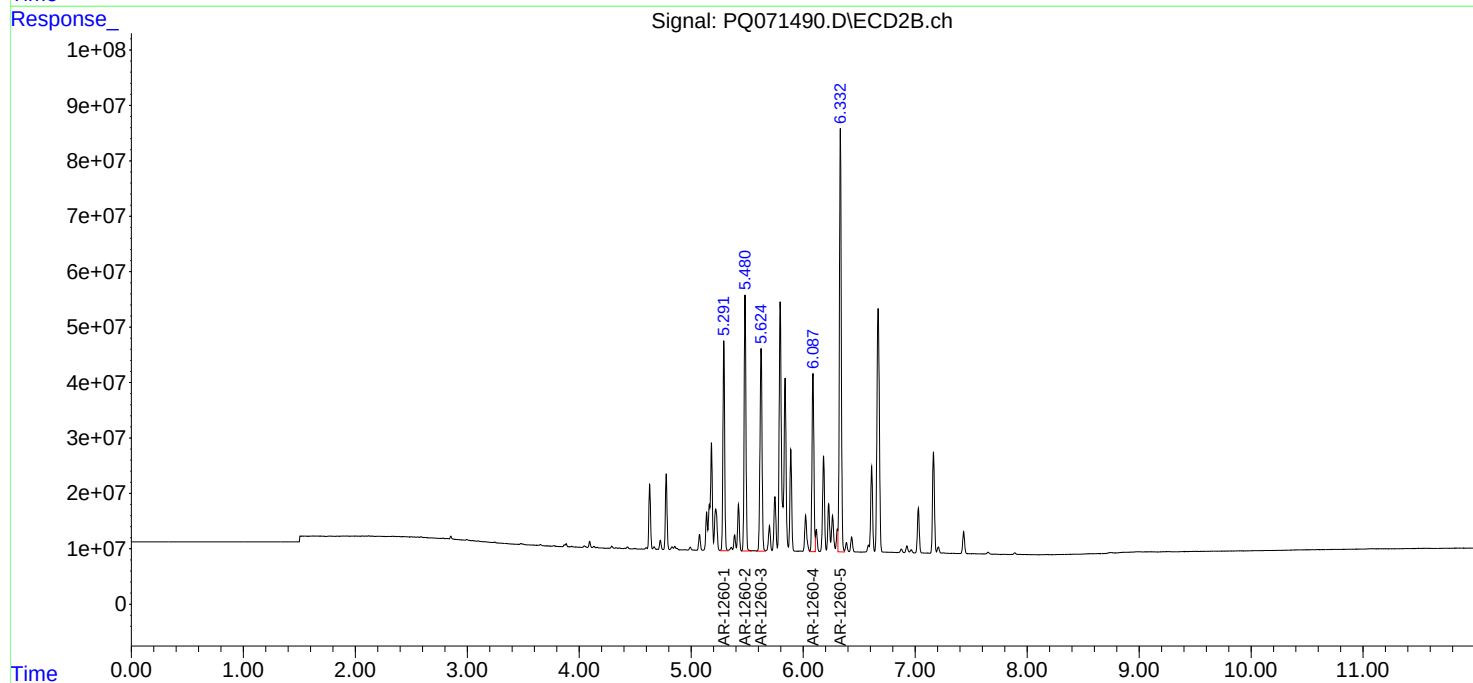
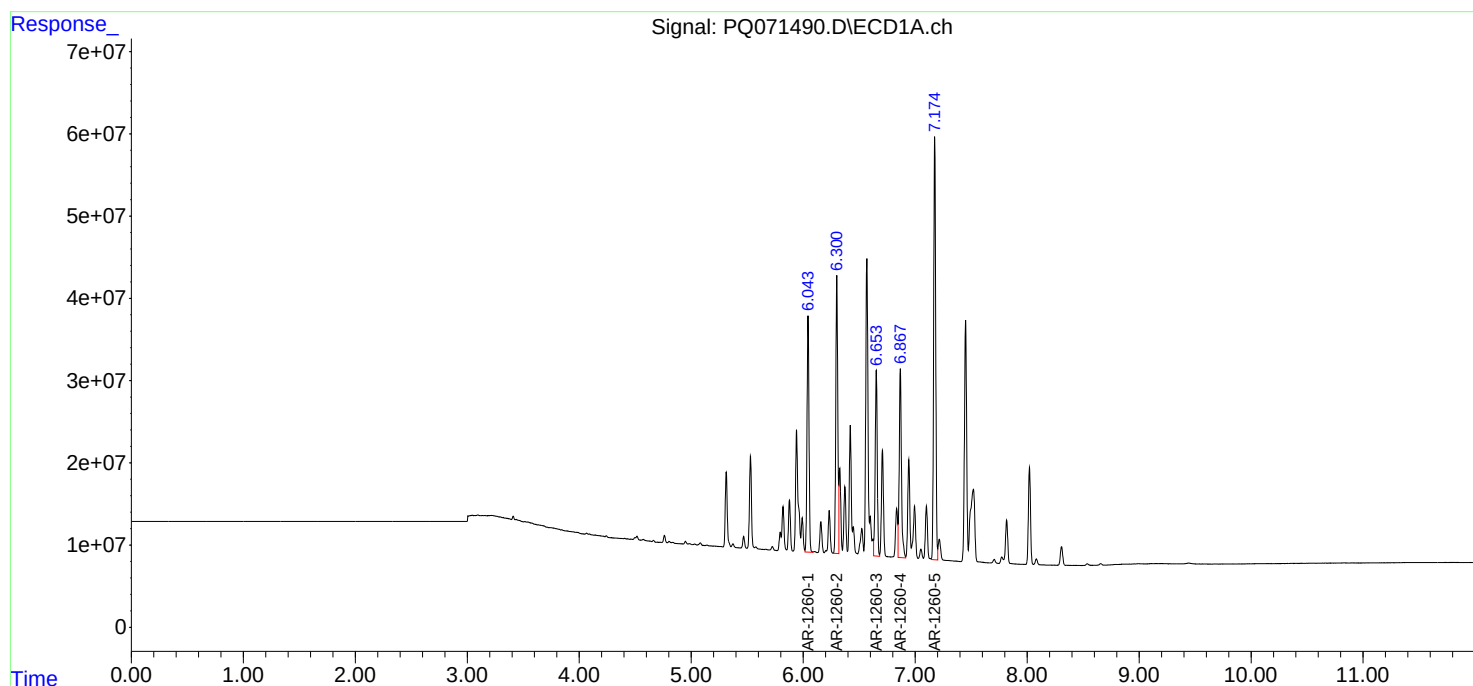
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

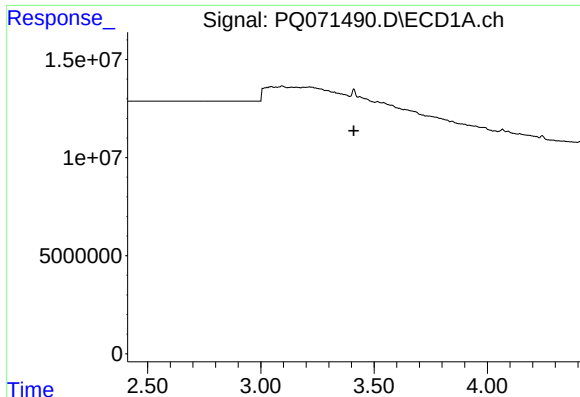
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:43
Operator : YP\AJ
Sample : Q3674-03DL 50X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 16:58:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

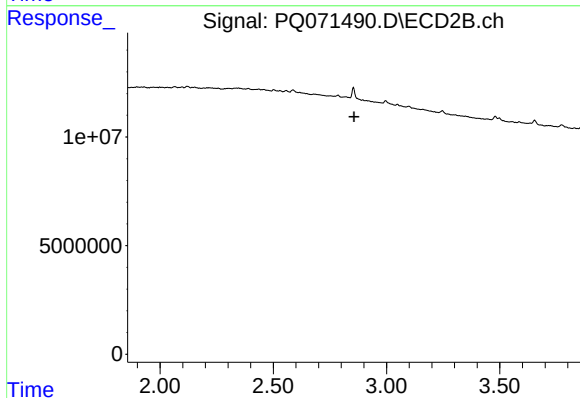




#1 Tetrachloro-m-xylene

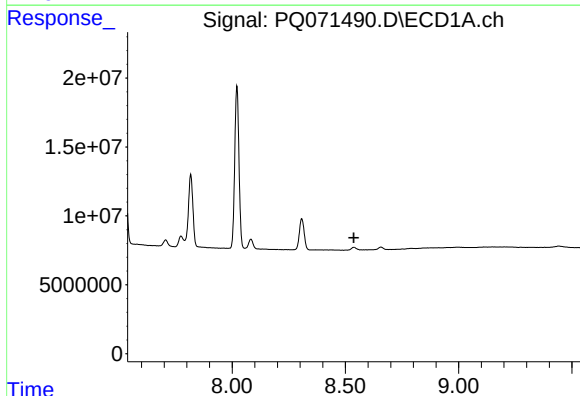
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL



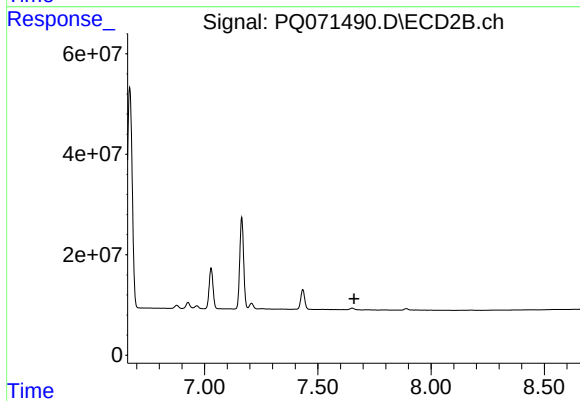
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.856 min
Response: 0
Conc: N.D.



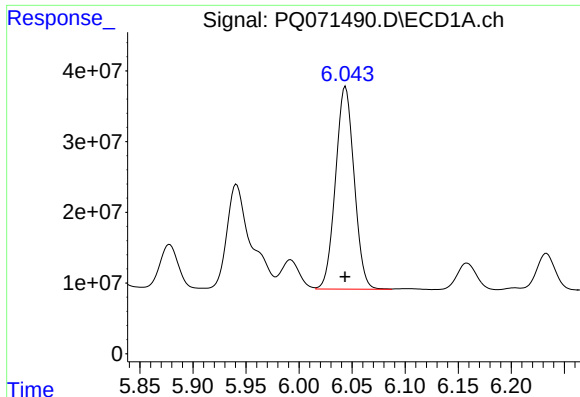
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.537 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

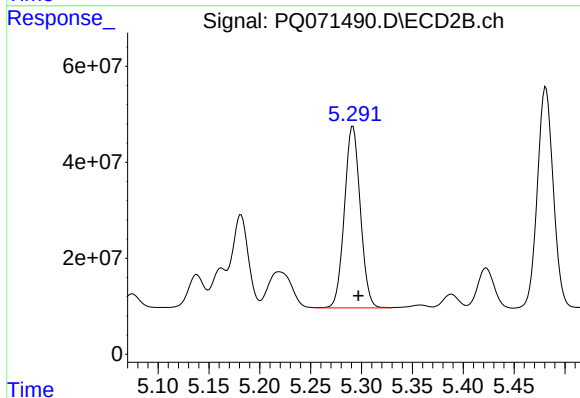
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

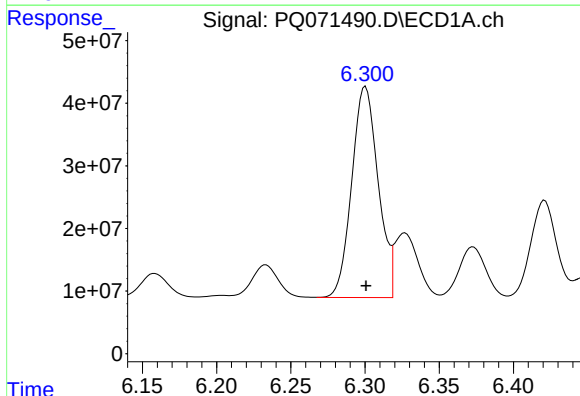
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 350097494
Conc: 782.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL



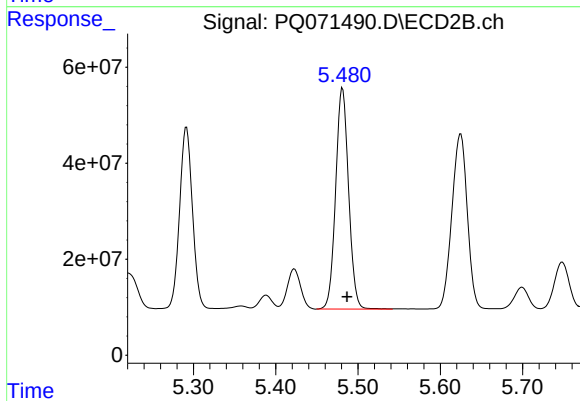
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 411454498
Conc: 824.68 ng/ml



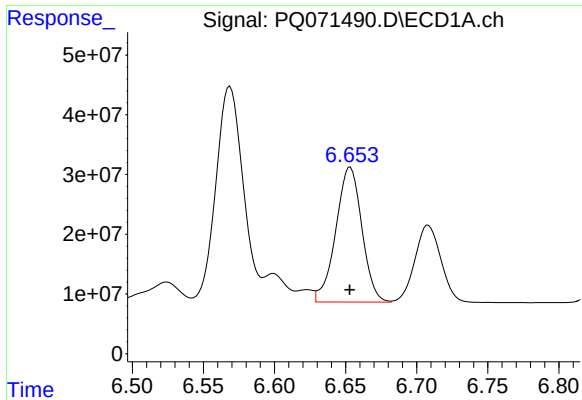
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 417599863
Conc: 817.36 ng/ml



#32 AR-1260-2

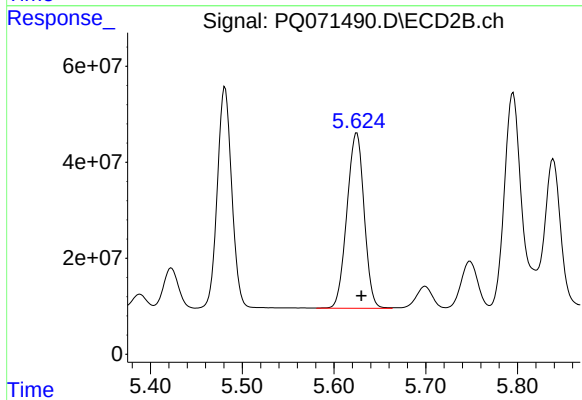
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 503630953
Conc: 830.56 ng/ml



#33 AR-1260-3

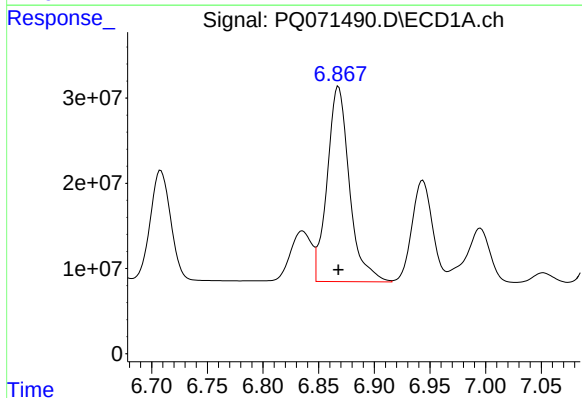
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 288285292
Conc: 753.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL



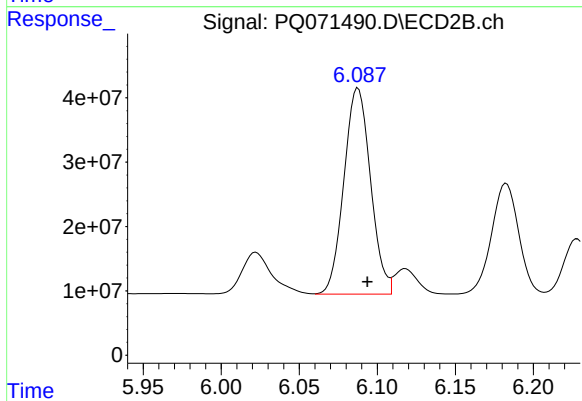
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 476368919
Conc: 805.79 ng/ml



#34 AR-1260-4

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 318828695
Conc: 762.48 ng/ml

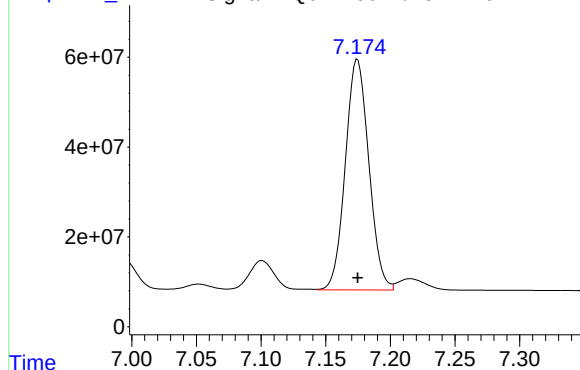


#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 380325613
Conc: 767.75 ng/ml

Response_ Signal: PQ071490.D\ECD1A.ch

#35 AR-1260-5

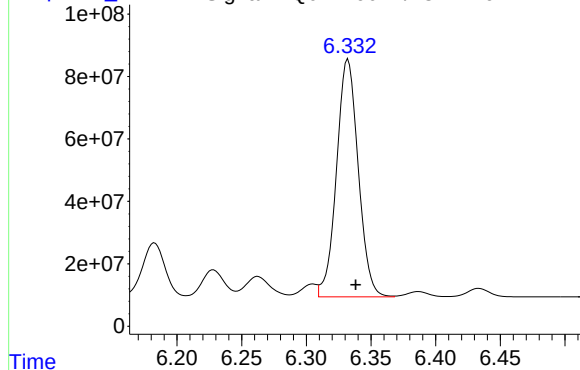


R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 649226802
Conc: 780.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ1DL

Time Response_ Signal: PQ071490.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 889106446
Conc: 774.29 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ2	SDG No.: Q3674	
Lab Sample ID: Q3674-04	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 82.5	
Sample Wt/Vol: 30.07 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.6	U	1	4.80	20.6	ug/kg	11/21/25 14:42	PB170671
11104-28-2	Aroclor-1221	20.6	U	1	4.90	20.6	ug/kg	11/21/25 14:42	PB170671
11141-16-5	Aroclor-1232	20.6	U	1	4.50	20.6	ug/kg	11/21/25 14:42	PB170671
53469-21-9	Aroclor-1242	20.6	U	1	4.80	20.6	ug/kg	11/21/25 14:42	PB170671
12672-29-6	Aroclor-1248	20.6	U	1	7.20	20.6	ug/kg	11/21/25 14:42	PB170671
11097-69-1	Aroclor-1254	20.6	U	1	3.90	20.6	ug/kg	11/21/25 14:42	PB170671
37324-23-5	Aroclor-1262	20.6	U	1	6.10	20.6	ug/kg	11/21/25 14:42	PB170671
11100-14-4	Aroclor-1268	20.6	U	1	4.40	20.6	ug/kg	11/21/25 14:42	PB170671
11096-82-5	Aroclor-1260	2700	E	1	3.90	20.6	ug/kg	11/21/25 14:42	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.9			21 - 165	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.0			10 - 170	70%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 14:42
 Operator : YP\AJ
 Sample : Q3674-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AJ2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:37:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	184.3E6	232.4E6	21.166	24.886
2) SA Decachlor...	8.537	7.654	73648610	127.8E6	11.762	13.983
Target Compounds						
31) L7 AR-1260-1	6.043	5.293	2335.9E6	3246.1E6	5219.965	6506.198
32) L7 AR-1260-2	6.300	5.483	2870.0E6	4069.8E6	5617.397	6711.614
33) L7 AR-1260-3	6.652	5.626	2009.7E6	3829.5E6	5250.825	6477.609
34) L7 AR-1260-4	6.867	6.089	2252.1E6	3184.9E6	5385.847	6429.285
35) L7 AR-1260-5	7.175	6.334	4933.1E6	7963.8E6	5927.563	6935.408

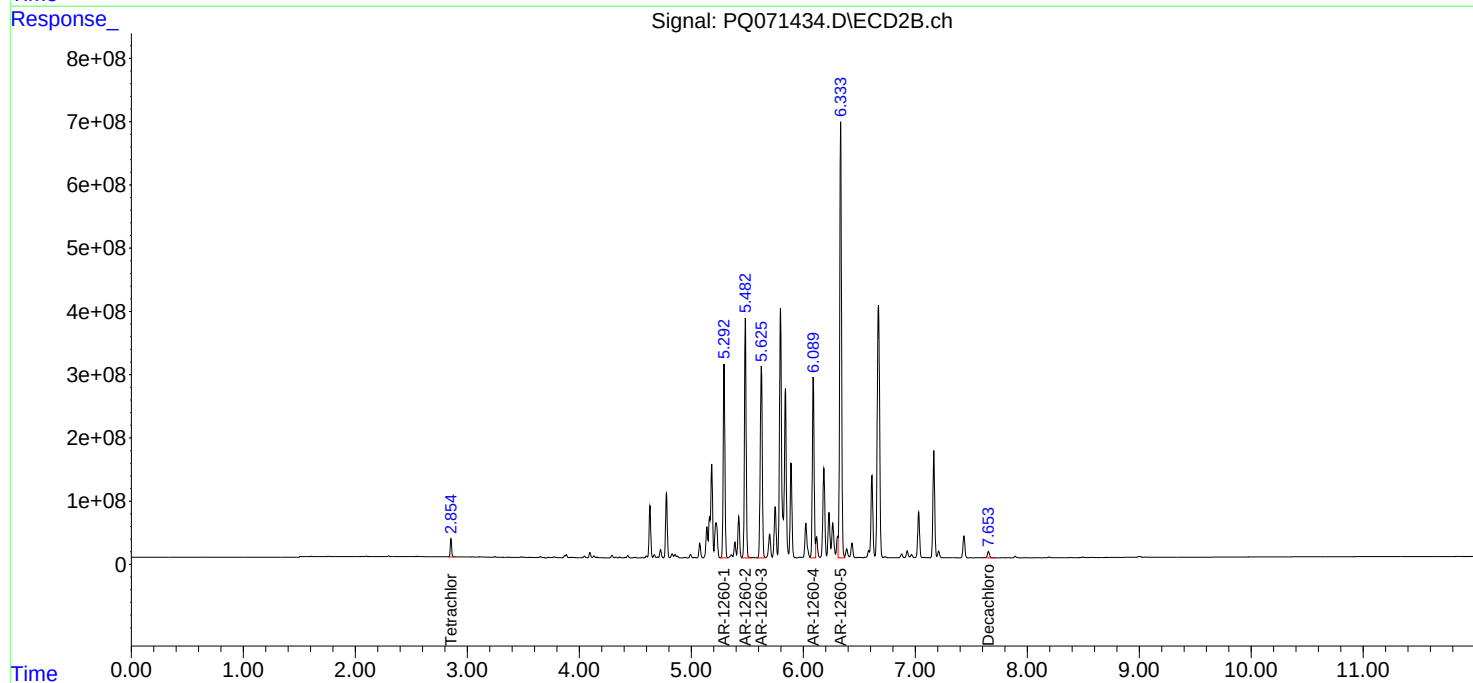
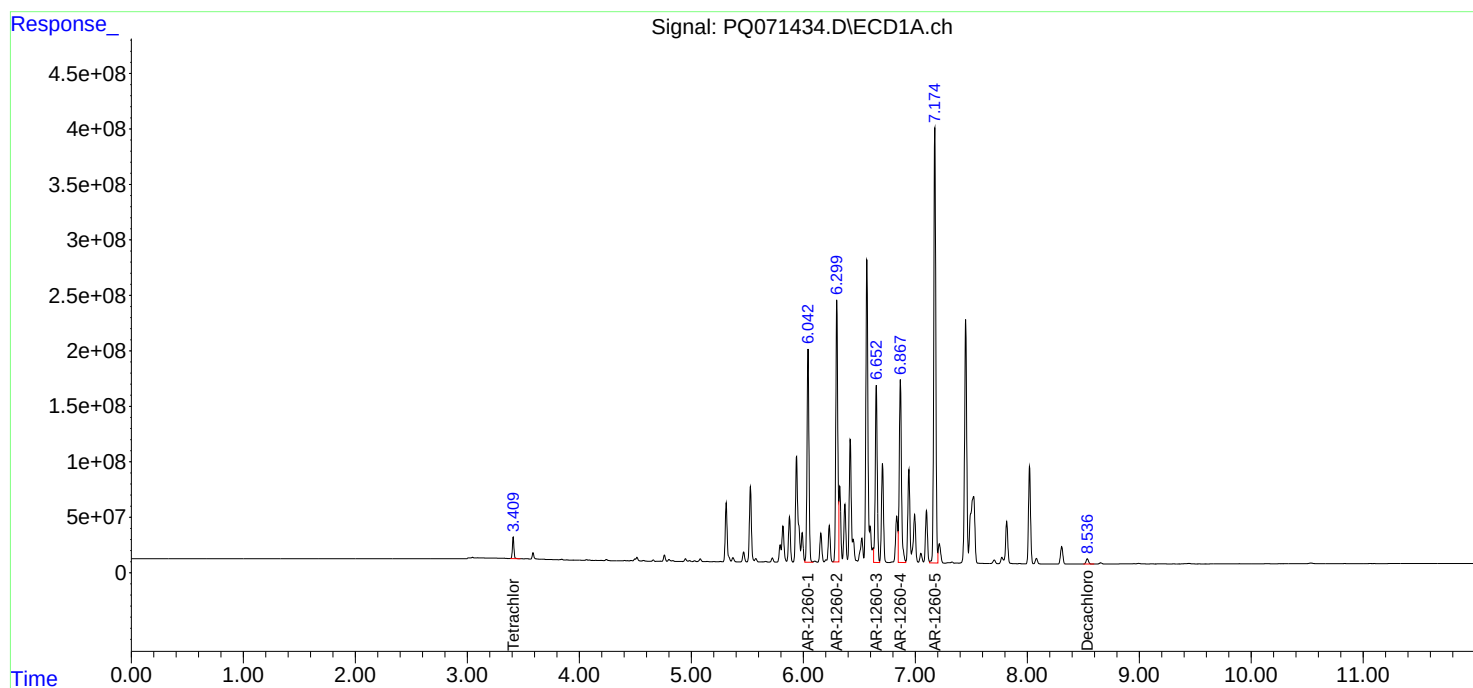
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:42
Operator : YP\AJ
Sample : Q3674-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:37:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



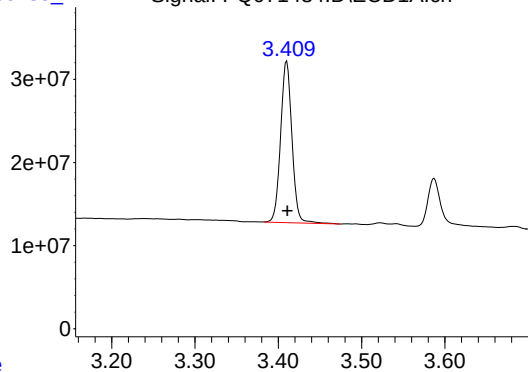
Response_

Signal: PQ071434.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 184256659
Conc: 21.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2



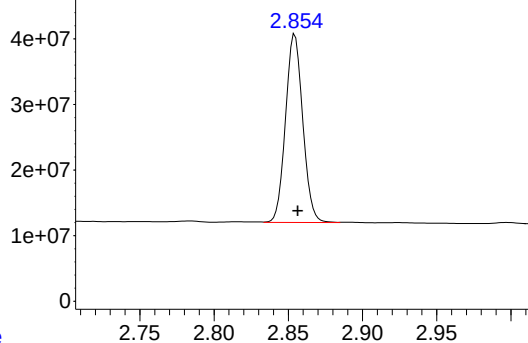
Time

Response_

Signal: PQ071434.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 232353312
Conc: 24.89 ng/ml



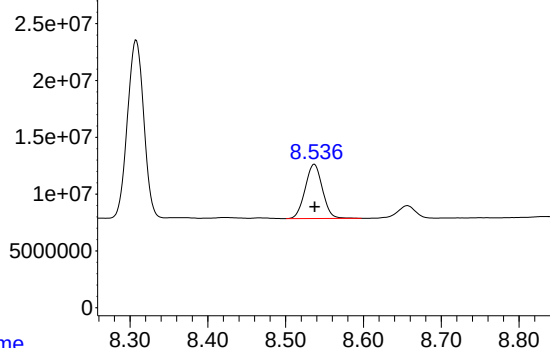
Time

Response_

Signal: PQ071434.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 73648610
Conc: 11.76 ng/ml



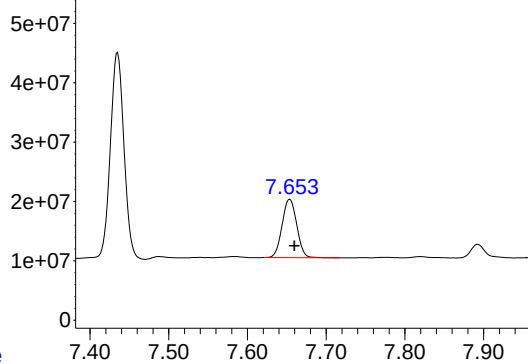
Time

Response_

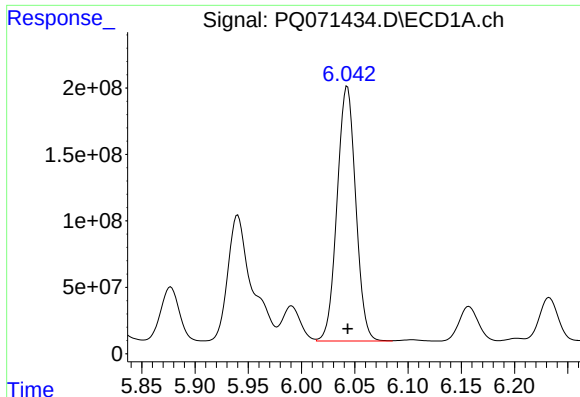
Signal: PQ071434.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 127776388
Conc: 13.98 ng/ml



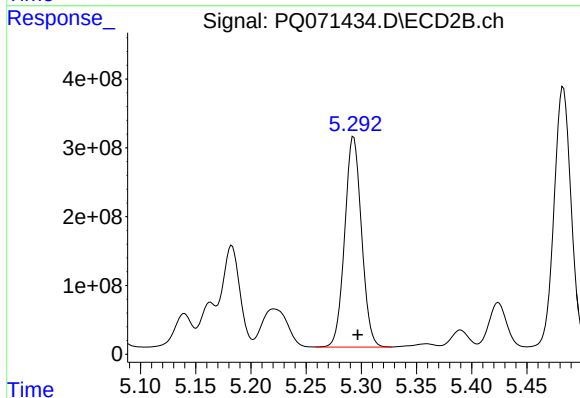
Time



#31 AR-1260-1

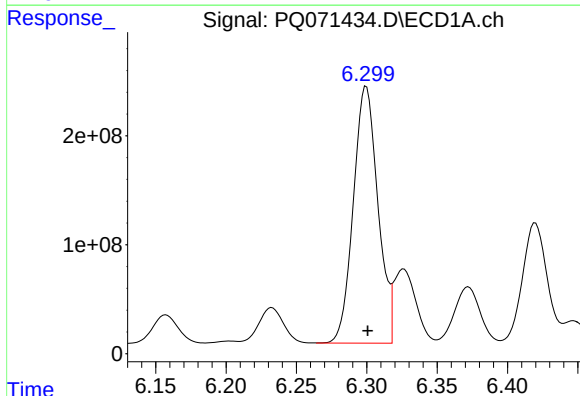
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2335919515
Conc: 5219.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2



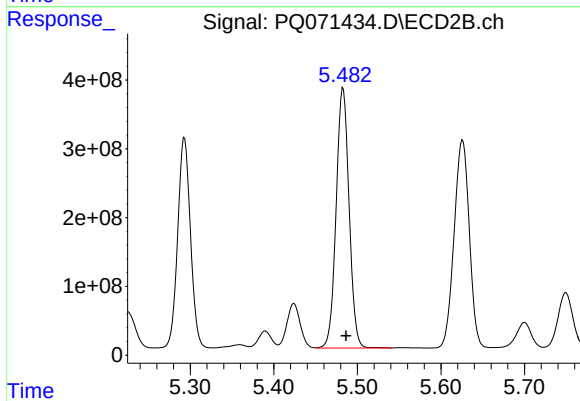
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 3246116761
Conc: 6506.20 ng/ml



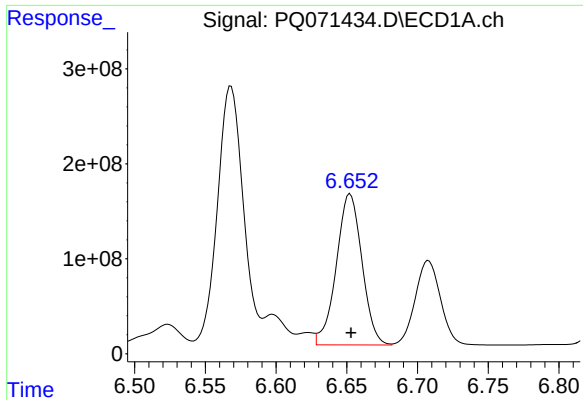
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 2870005951
Conc: 5617.40 ng/ml



#32 AR-1260-2

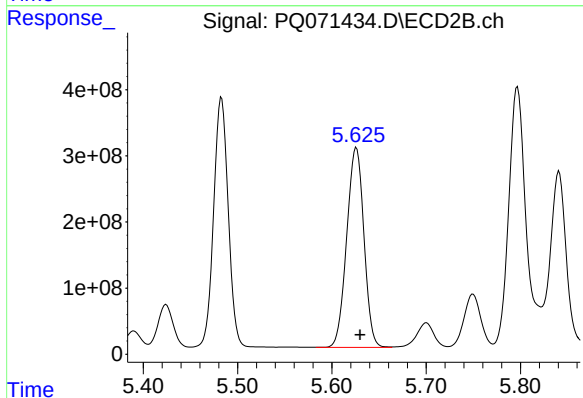
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 4069760667
Conc: 6711.61 ng/ml



#33 AR-1260-3

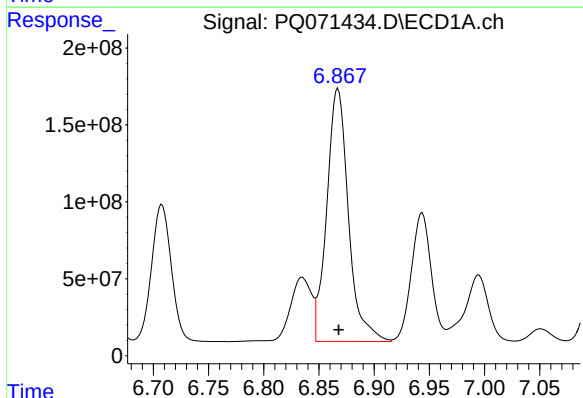
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 2009668134
Conc: 5250.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2



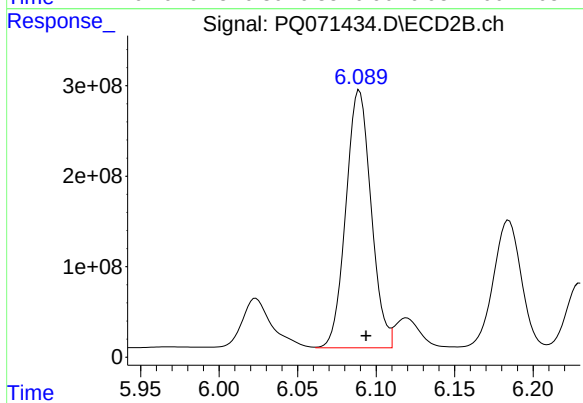
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 3829459511
Conc: 6477.61 ng/ml



#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 2252063133
Conc: 5385.85 ng/ml

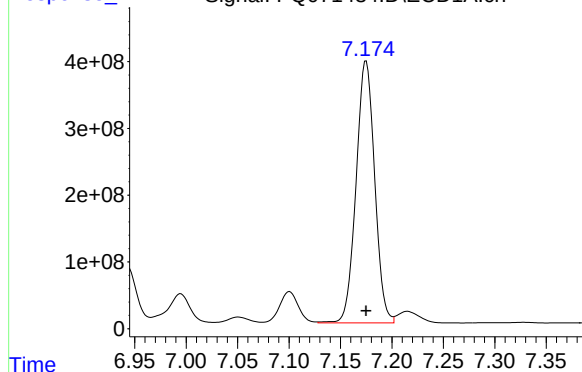


#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 3184931448
Conc: 6429.29 ng/ml

Response_ Signal: PQ071434.D\ECD1A.ch

#35 AR-1260-5

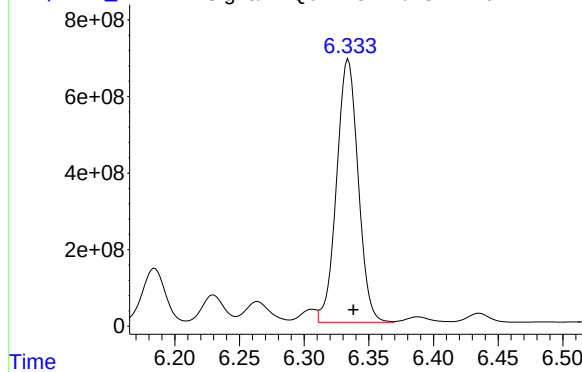


R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 4933141838
Conc: 5927.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2

Response_ Signal: PQ071434.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 7963830945
Conc: 6935.41 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ2DL	SDG No.: Q3674	
Lab Sample ID: Q3674-04DL	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 82.5	
Sample Wt/Vol: 30.07 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	206	UD	10	47.8	206	ug/kg	11/24/25 16:58	PB170671
11104-28-2	Aroclor-1221	206	UD	10	48.7	206	ug/kg	11/24/25 16:58	PB170671
11141-16-5	Aroclor-1232	206	UD	10	45.0	206	ug/kg	11/24/25 16:58	PB170671
53469-21-9	Aroclor-1242	206	UD	10	48.5	206	ug/kg	11/24/25 16:58	PB170671
12672-29-6	Aroclor-1248	206	UD	10	71.6	206	ug/kg	11/24/25 16:58	PB170671
11097-69-1	Aroclor-1254	206	UD	10	38.8	206	ug/kg	11/24/25 16:58	PB170671
37324-23-5	Aroclor-1262	206	UD	10	60.7	206	ug/kg	11/24/25 16:58	PB170671
11100-14-4	Aroclor-1268	206	UD	10	43.5	206	ug/kg	11/24/25 16:58	PB170671
11096-82-5	Aroclor-1260	1800	D	10	39.1	206	ug/kg	11/24/25 16:58	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.6			21 - 165	88%	SPK: 20		
2051-24-3	Decachlorobiphenyl	9.40			10 - 170	47%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:58
Operator : YP\AJ
Sample : Q3674-04DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:17:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	14785980	16472888	1.699	1.764
2) SA Decachlor...	8.535	7.652	5909838	8200651	0.944	0.897
Target Compounds						
31) L7 AR-1260-1	6.042	5.292	192.1E6	225.9E6	429.380	452.729
32) L7 AR-1260-2	6.299	5.481	232.5E6	281.5E6	455.132	464.258
33) L7 AR-1260-3	6.652	5.624	162.8E6	264.7E6	425.454	447.771
34) L7 AR-1260-4	6.867	6.088	179.5E6	212.5E6	429.335	429.017
35) L7 AR-1260-5	7.173	6.332	360.1E6	511.2E6	432.671	445.205

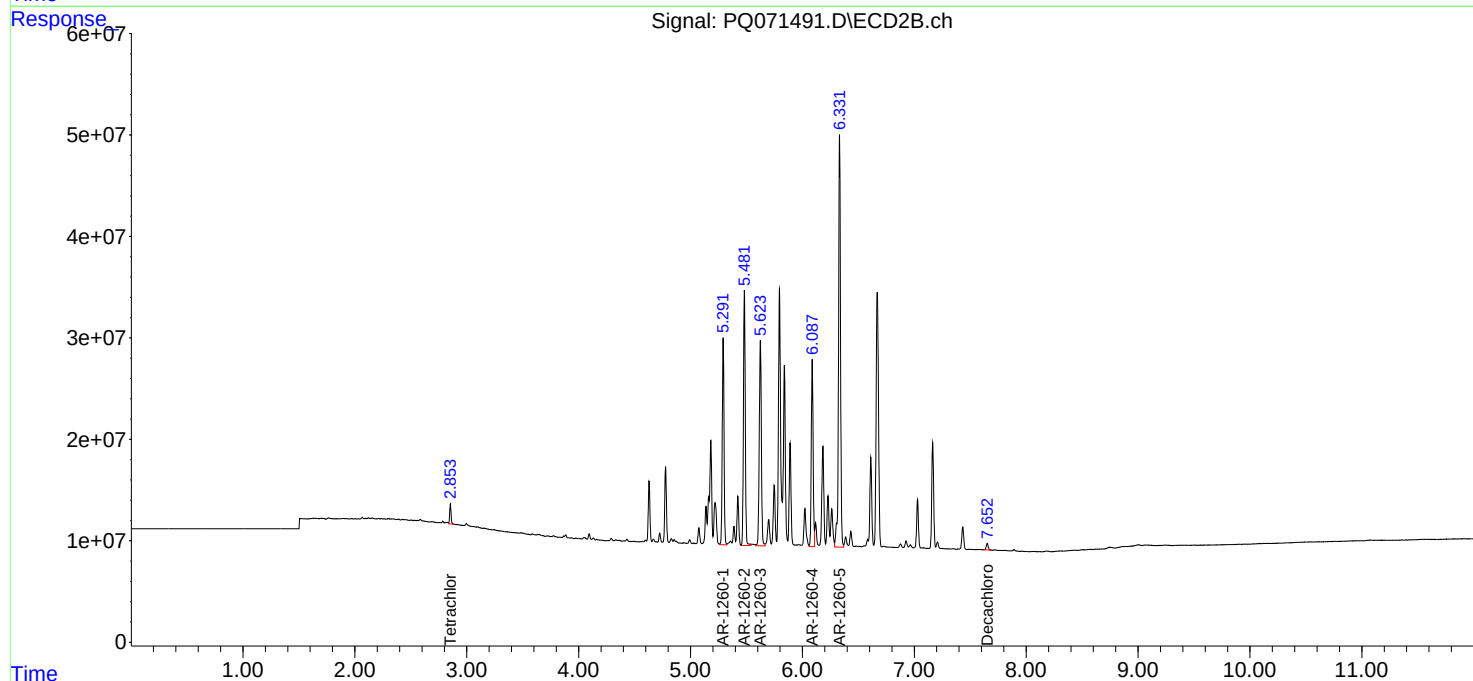
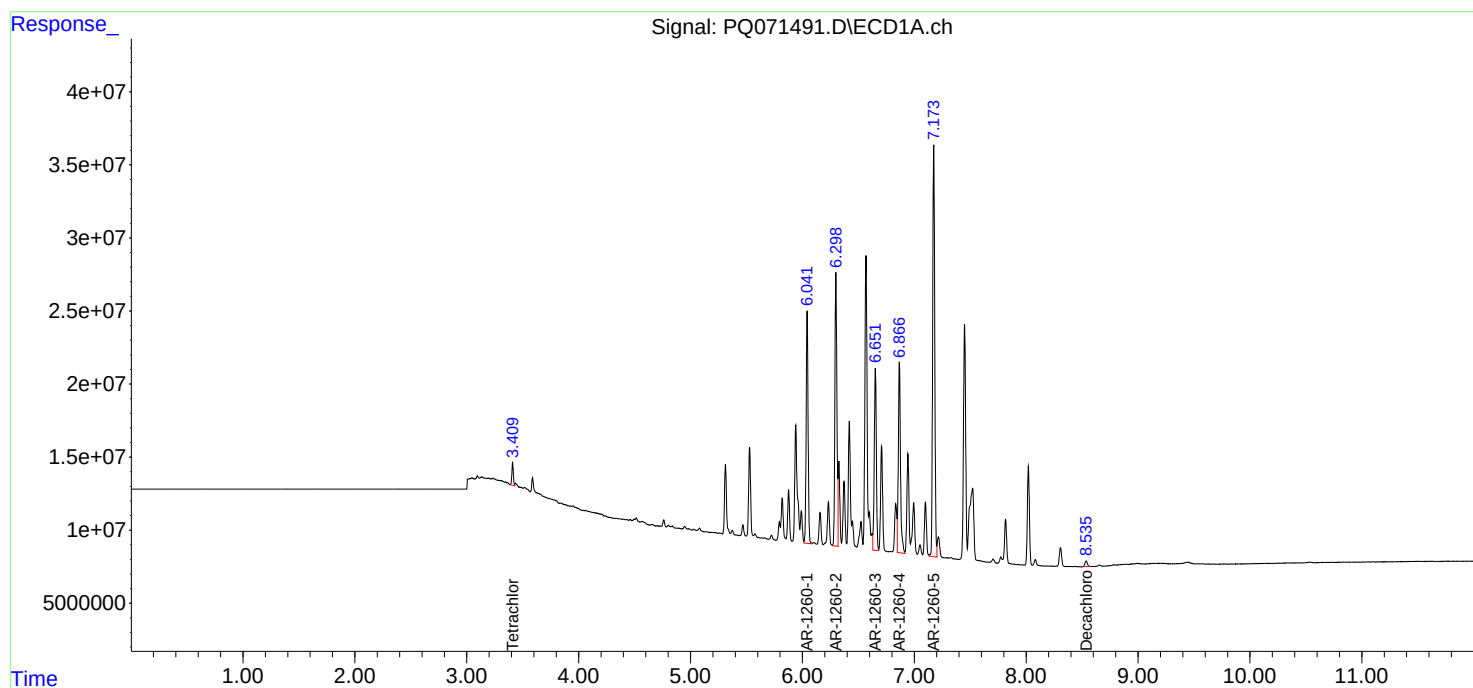
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

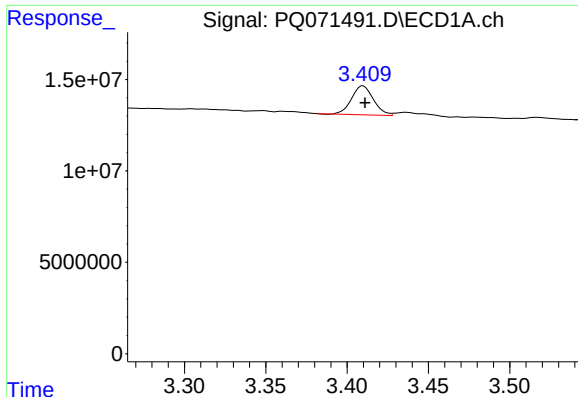
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:58
Operator : YP\AJ
Sample : Q3674-04DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:17:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

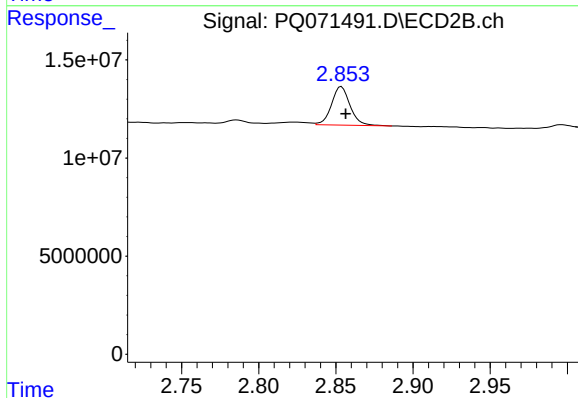




#1 Tetrachloro-m-xylene

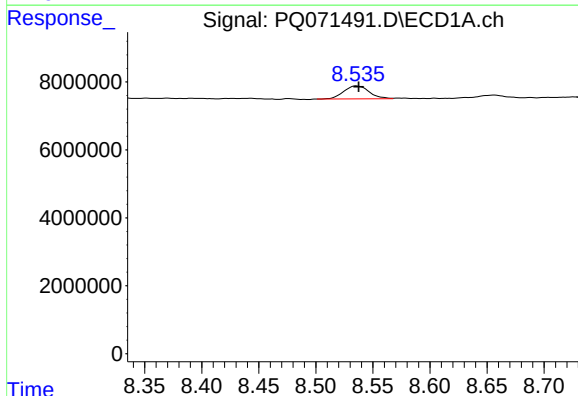
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 14785980
Conc: 1.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL



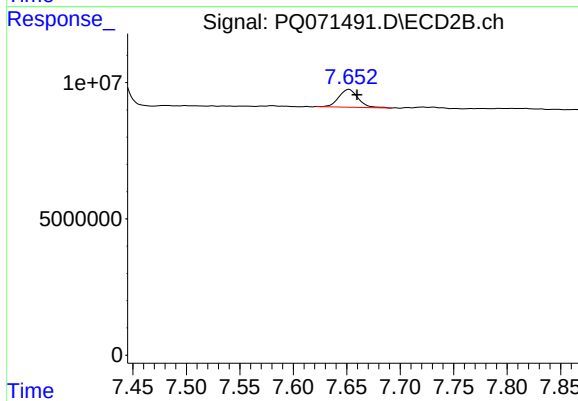
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 16472888
Conc: 1.76 ng/ml



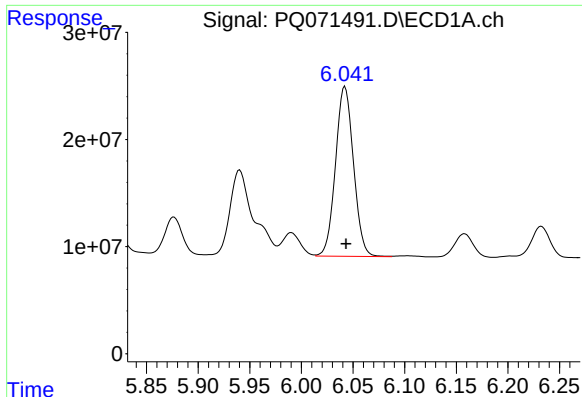
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 5909838
Conc: 0.94 ng/ml



#2 Decachlorobiphenyl

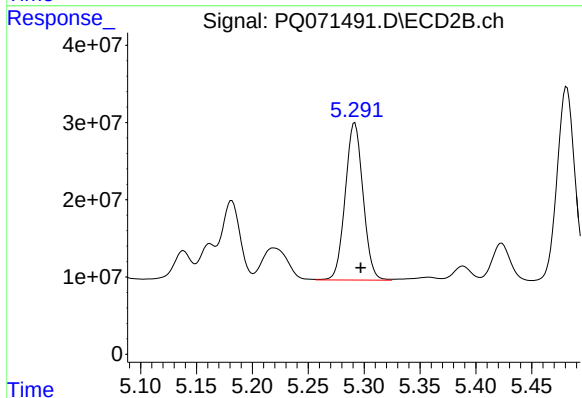
R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 8200651
Conc: 0.90 ng/ml



#31 AR-1260-1

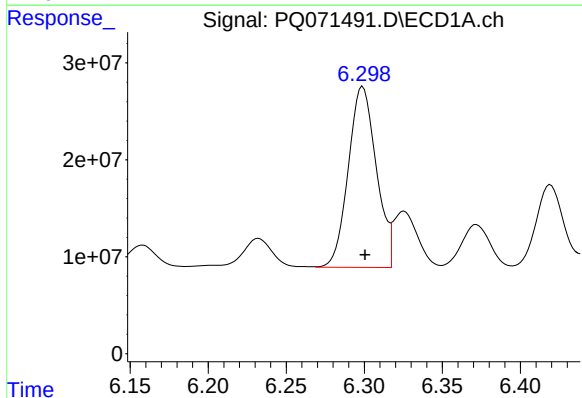
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 192146501
Conc: 429.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL



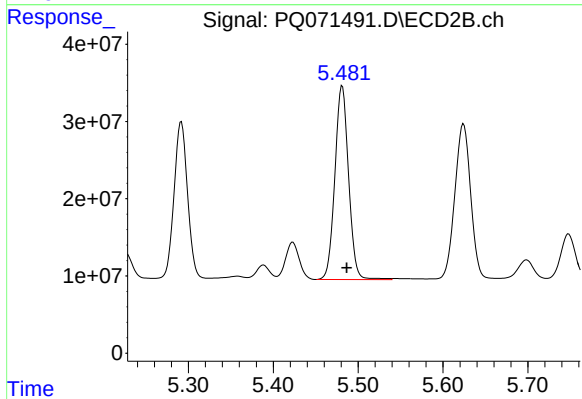
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 225878730
Conc: 452.73 ng/ml



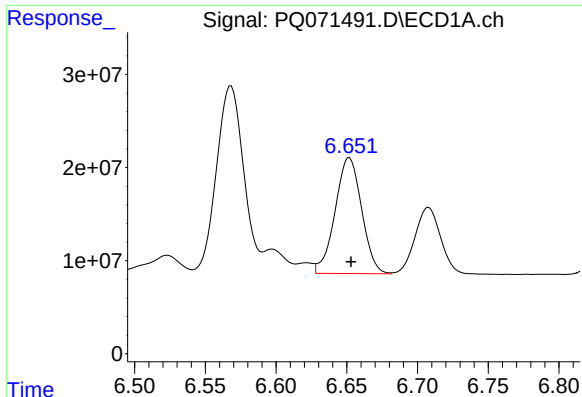
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 232533210
Conc: 455.13 ng/ml



#32 AR-1260-2

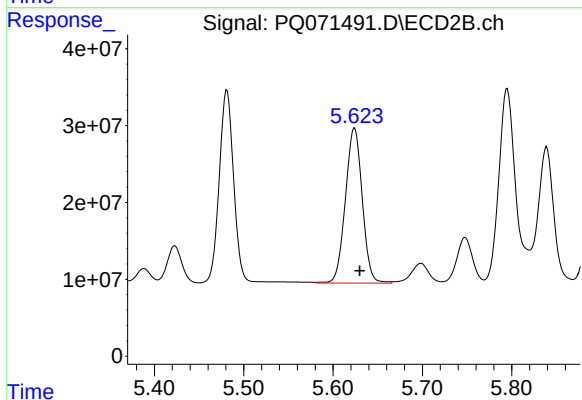
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 281514584
Conc: 464.26 ng/ml



#33 AR-1260-3

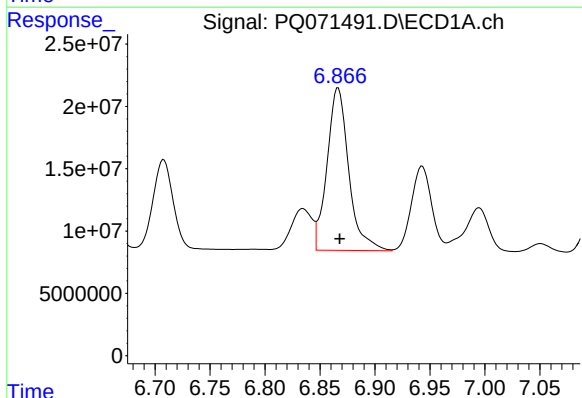
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 162835487
Conc: 425.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL



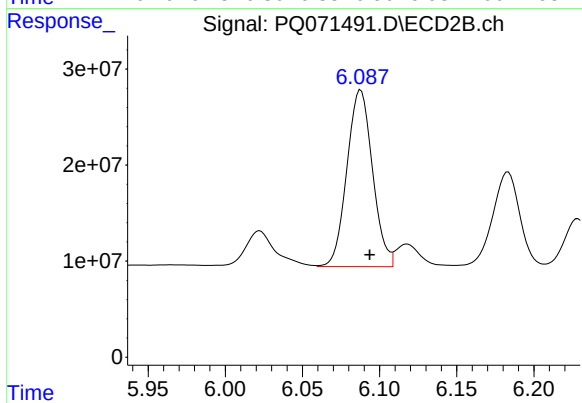
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 264715382
Conc: 447.77 ng/ml



#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 179524077
Conc: 429.33 ng/ml

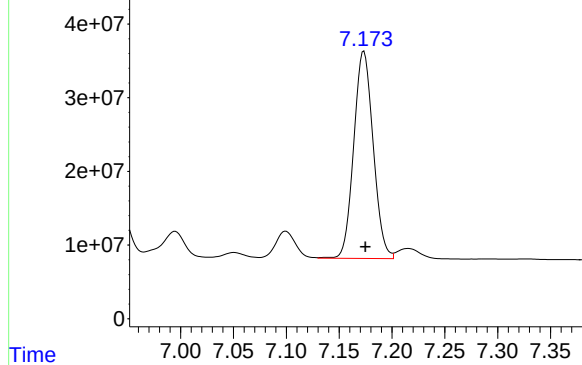


#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 212525727
Conc: 429.02 ng/ml

Response_ Signal: PQ071491.D\ECD1A.ch

#35 AR-1260-5

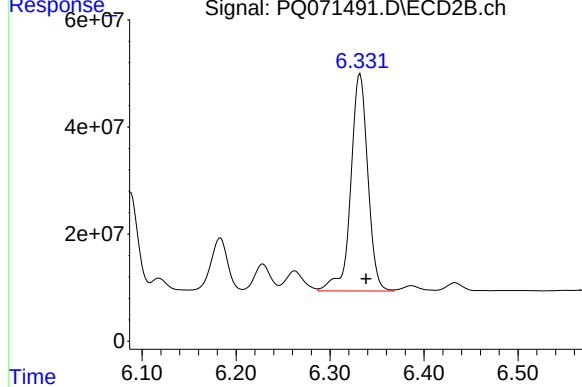


R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 360085071
Conc: 432.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ2DL

Time Response_ Signal: PQ071491.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 511222166
Conc: 445.20 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ3	SDG No.: Q3674	
Lab Sample ID: Q3674-05	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.8	
Sample Wt/Vol: 30.03 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.0	U	1	4.70	20.0	ug/kg	11/21/25 14:57	PB170671
11104-28-2	Aroclor-1221	20.0	U	1	4.70	20.0	ug/kg	11/21/25 14:57	PB170671
11141-16-5	Aroclor-1232	20.0	U	1	4.40	20.0	ug/kg	11/21/25 14:57	PB170671
53469-21-9	Aroclor-1242	20.0	U	1	4.70	20.0	ug/kg	11/21/25 14:57	PB170671
12672-29-6	Aroclor-1248	20.0	U	1	7.00	20.0	ug/kg	11/21/25 14:57	PB170671
11097-69-1	Aroclor-1254	126		1	3.80	20.0	ug/kg	11/21/25 14:57	PB170671
37324-23-5	Aroclor-1262	20.0	U	1	5.90	20.0	ug/kg	11/21/25 14:57	PB170671
11100-14-4	Aroclor-1268	20.0	U	1	4.20	20.0	ug/kg	11/21/25 14:57	PB170671
11096-82-5	Aroclor-1260	163		1	3.80	20.0	ug/kg	11/21/25 14:57	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.5			21 - 165	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.9			10 - 170	74%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:57
Operator : YP\AJ
Sample : Q3674-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	172.3E6	219.4E6	19.798	23.504
2) SA Decachlor...	8.535	7.654	75479979	135.9E6	12.055	14.875
Target Compounds						
26) L6 AR-1254-1	5.311	4.632	62076304	95374338	178.709	177.981
27) L6 AR-1254-2	5.527	4.779	115.0E6	112.0E6	212.299	244.055
28) L6 AR-1254-3	5.877	5.163	113.5E6	158.1E6	197.084	208.227
29) L6 AR-1254-4	6.158	5.390	113.4E6	153.8E6	268.491	307.771
30) L6 AR-1254-5	6.568	5.796	306.2E6	461.8E6	666.083	667.116
31) L7 AR-1260-1	6.042	5.293	150.3E6	219.2E6	335.893	439.409 #
32) L7 AR-1260-2	6.299	5.482	221.2E6	310.2E6	432.857	511.486
33) L7 AR-1260-3	6.651	5.625	139.4E6	236.3E6	364.194	399.779
34) L7 AR-1260-4	6.866	6.089	132.1E6	172.8E6	315.854	348.838
35) L7 AR-1260-5	7.174	6.334	255.4E6	429.9E6	306.850	374.417

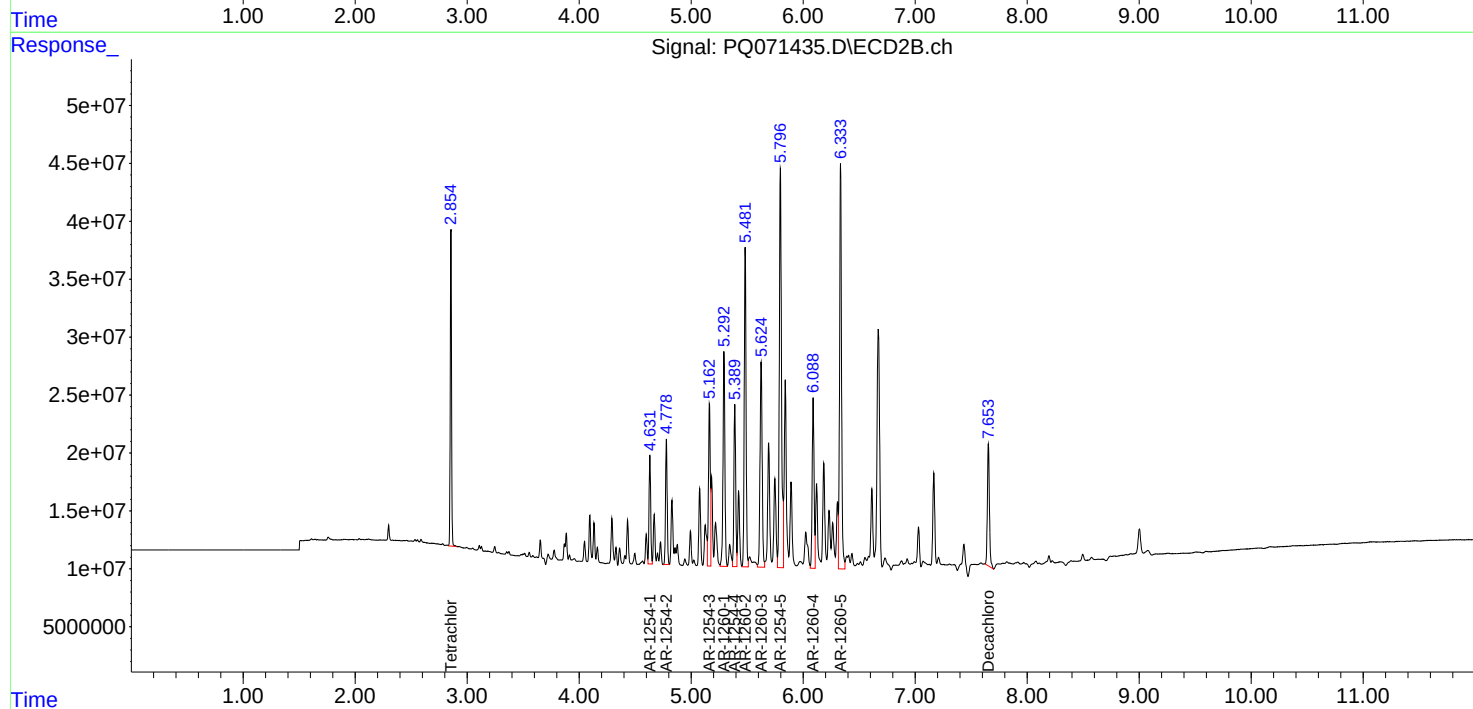
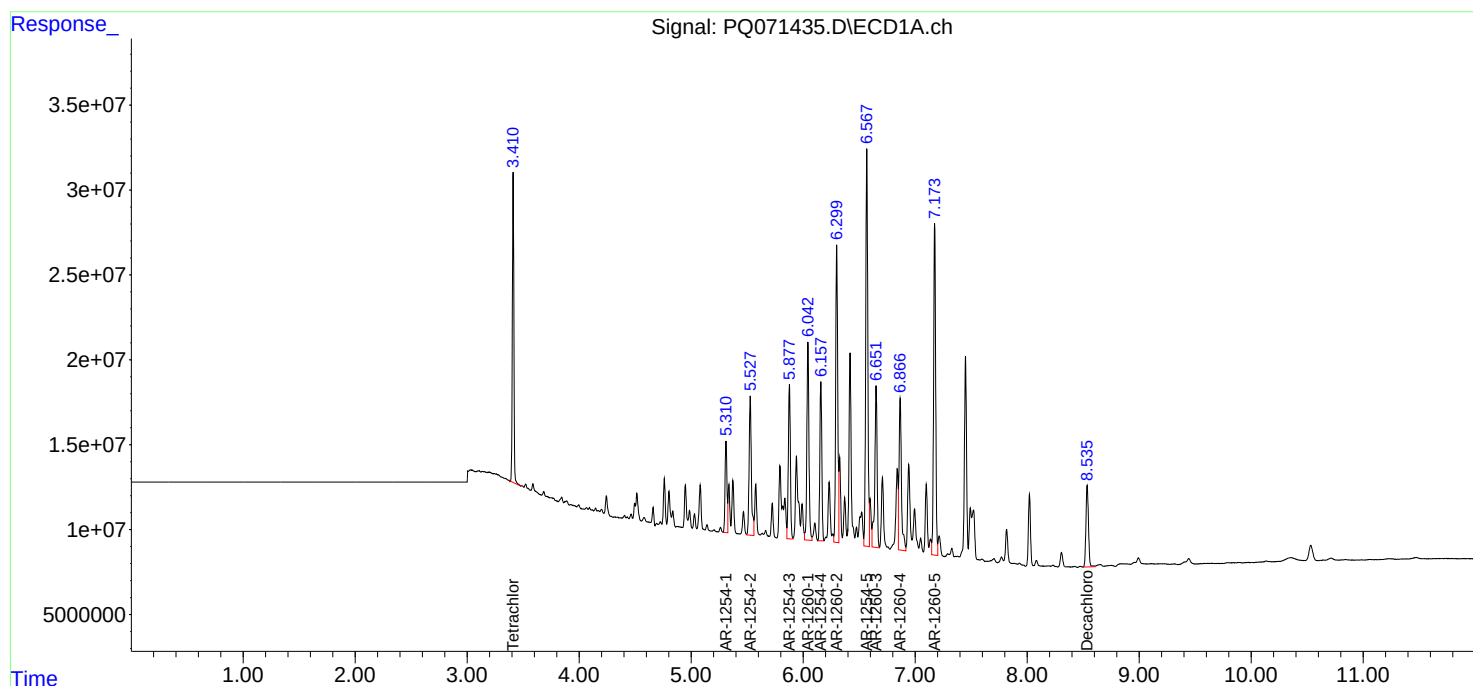
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

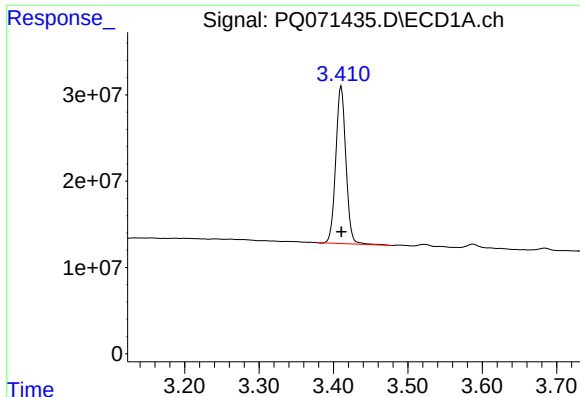
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:57
Operator : YP\AJ
Sample : Q3674-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

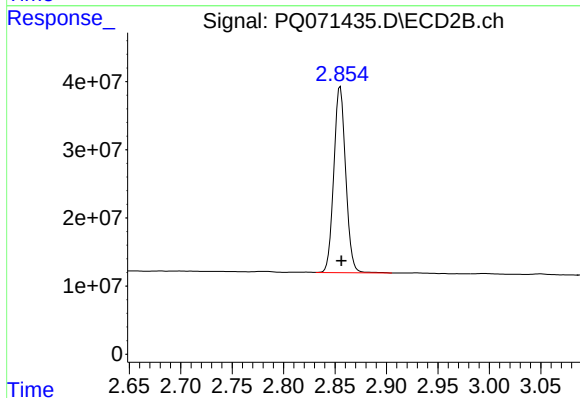




#1 Tetrachloro-m-xylene

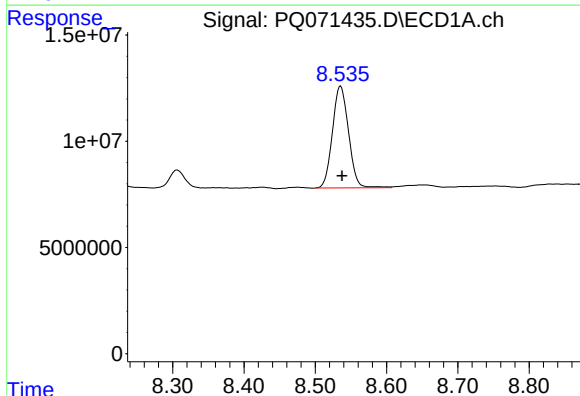
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 172345564
Conc: 19.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



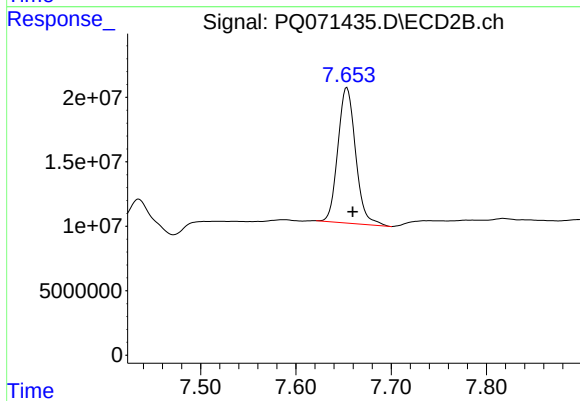
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 219446569
Conc: 23.50 ng/ml



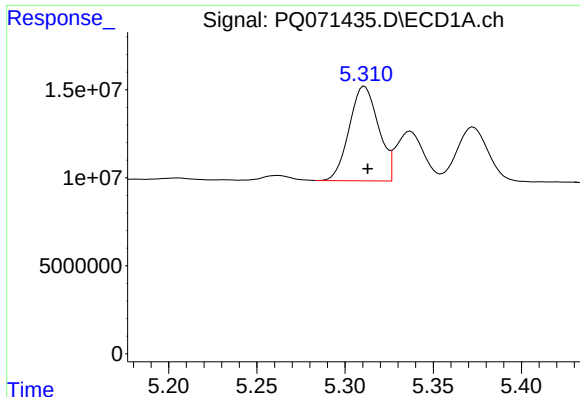
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 75479979
Conc: 12.05 ng/ml



#2 Decachlorobiphenyl

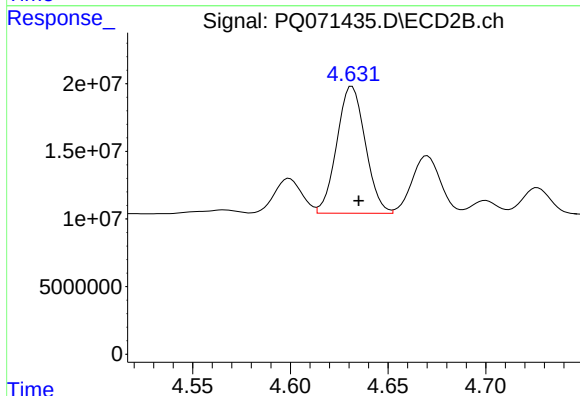
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 135926006
Conc: 14.88 ng/ml



#26 AR-1254-1

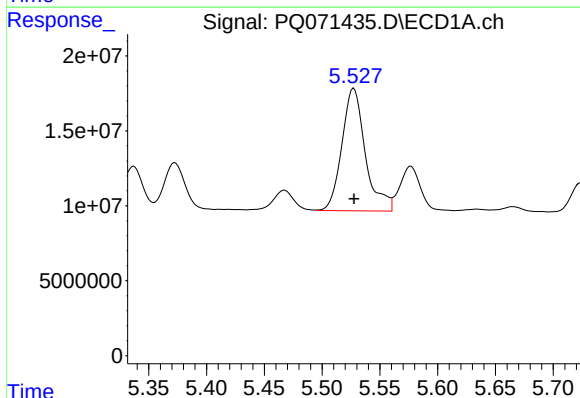
R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 62076304
Conc: 178.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



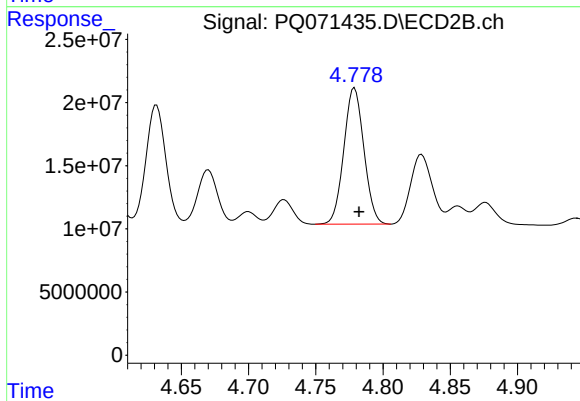
#26 AR-1254-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 95374338
Conc: 177.98 ng/ml



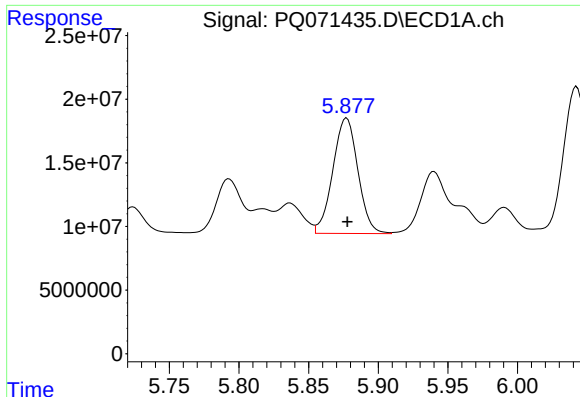
#27 AR-1254-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 115028671
Conc: 212.30 ng/ml



#27 AR-1254-2

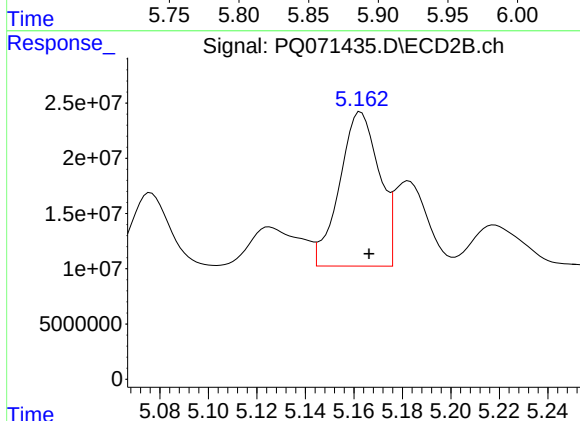
R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 111967815
Conc: 244.05 ng/ml



#28 AR-1254-3

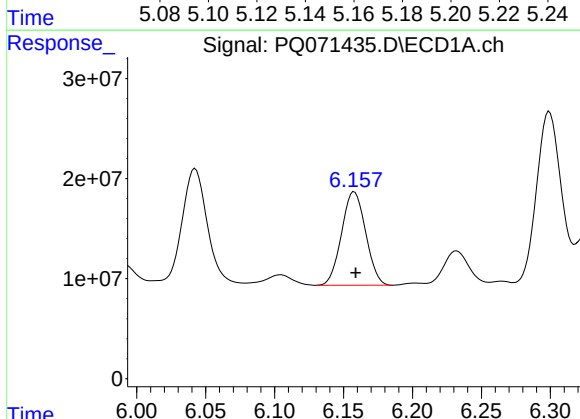
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 113486616
Conc: 197.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



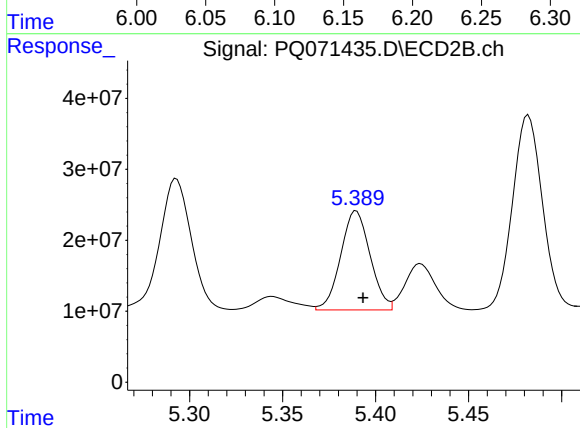
#28 AR-1254-3

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 158106802
Conc: 208.23 ng/ml



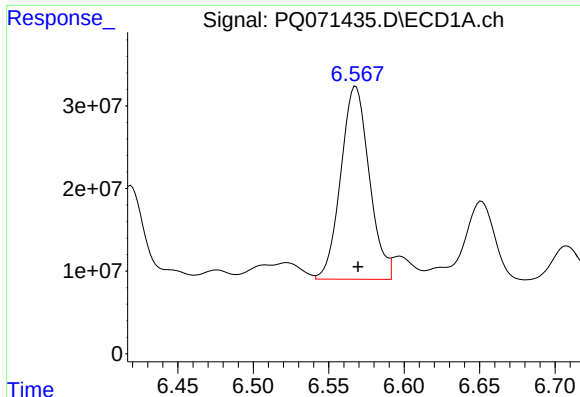
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 113434934
Conc: 268.49 ng/ml



#29 AR-1254-4

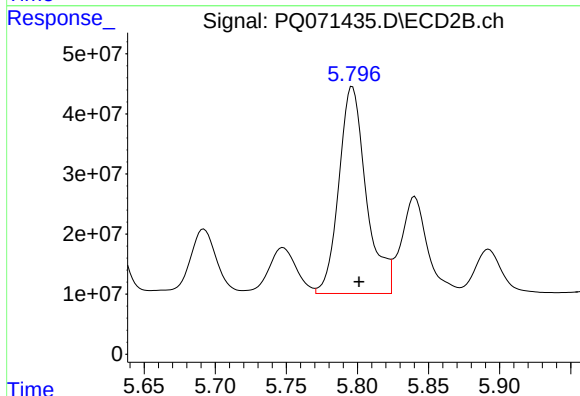
R.T.: 5.390 min
Delta R.T.: -0.004 min
Response: 153829245
Conc: 307.77 ng/ml



#30 AR-1254-5

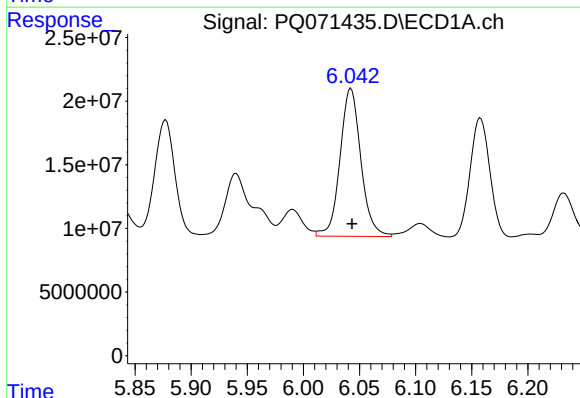
R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 306153124
Conc: 666.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



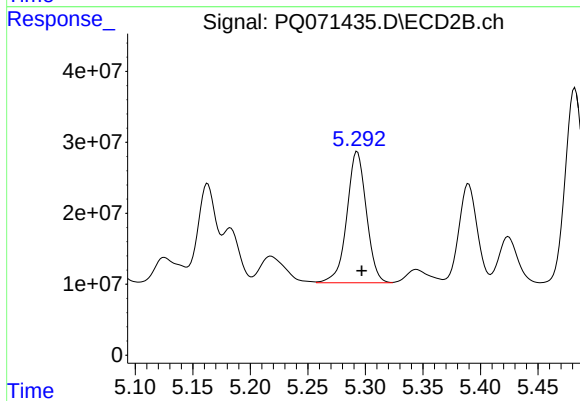
#30 AR-1254-5

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 461797723
Conc: 667.12 ng/ml



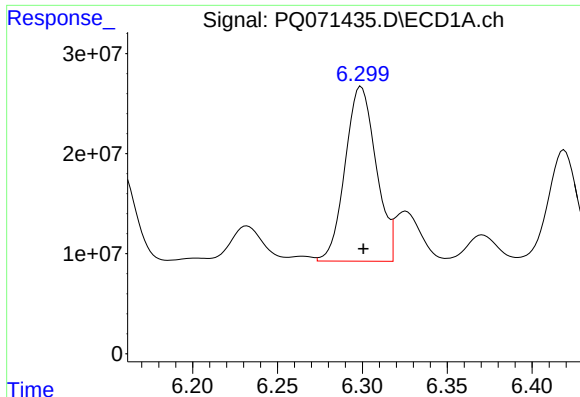
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 150311378
Conc: 335.89 ng/ml



#31 AR-1260-1

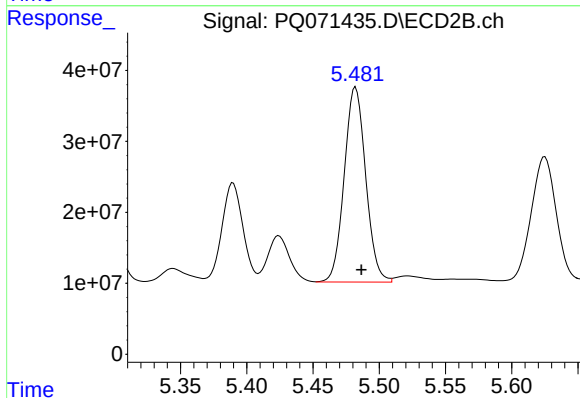
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 219232886
Conc: 439.41 ng/ml



#32 AR-1260-2

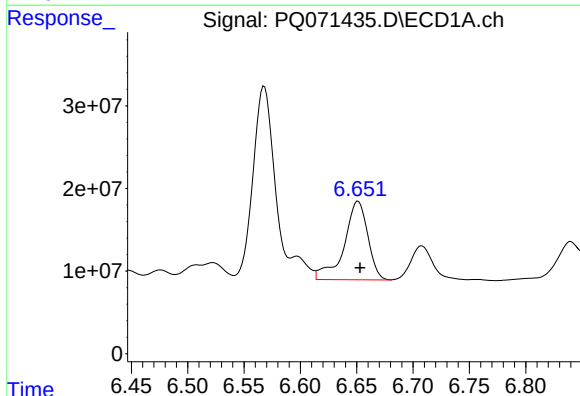
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 221152867
Conc: 432.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



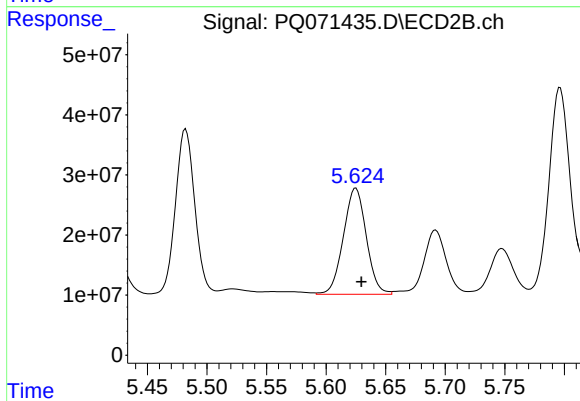
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 310153035
Conc: 511.49 ng/ml



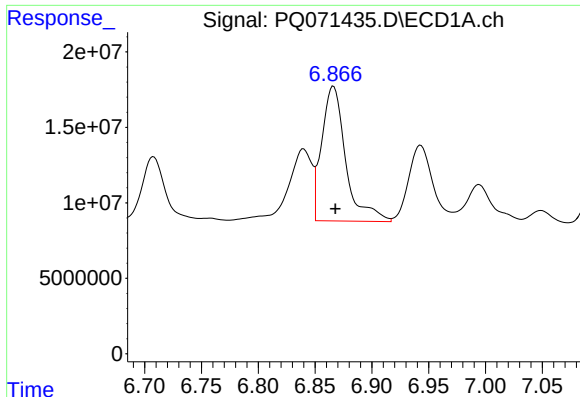
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 139389191
Conc: 364.19 ng/ml



#33 AR-1260-3

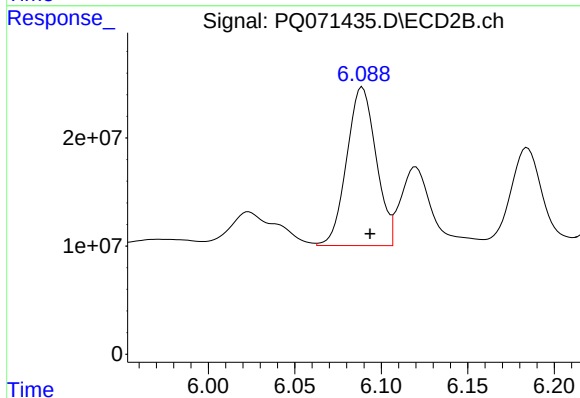
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 236342886
Conc: 399.78 ng/ml



#34 AR-1260-4

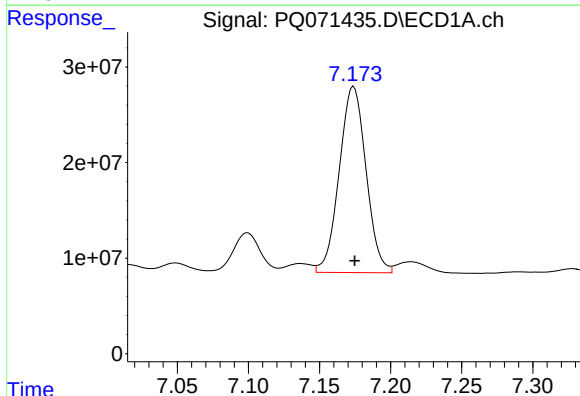
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 132072708
Conc: 315.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ3



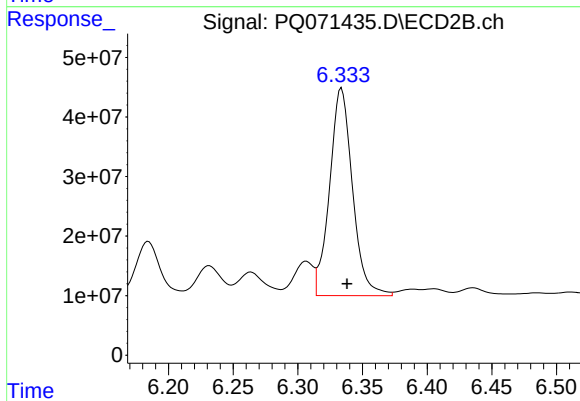
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 172807171
Conc: 348.84 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 255371985
Conc: 306.85 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 429937931
Conc: 374.42 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AJ4		SDG No.:	Q3674
Lab Sample ID:	Q3674-06		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	85.8
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	19.8	U	1	4.60	19.8	ug/kg	11/21/25 15:11	PB170671
11104-28-2	Aroclor-1221	19.8	U	1	4.70	19.8	ug/kg	11/21/25 15:11	PB170671
11141-16-5	Aroclor-1232	19.8	U	1	4.30	19.8	ug/kg	11/21/25 15:11	PB170671
53469-21-9	Aroclor-1242	19.8	U	1	4.70	19.8	ug/kg	11/21/25 15:11	PB170671
12672-29-6	Aroclor-1248	19.8	U	1	6.90	19.8	ug/kg	11/21/25 15:11	PB170671
11097-69-1	Aroclor-1254	77.1		1	3.70	19.8	ug/kg	11/21/25 15:11	PB170671
37324-23-5	Aroclor-1262	19.8	U	1	5.80	19.8	ug/kg	11/21/25 15:11	PB170671
11100-14-4	Aroclor-1268	19.8	U	1	4.20	19.8	ug/kg	11/21/25 15:11	PB170671
11096-82-5	Aroclor-1260	75.7		1	3.80	19.8	ug/kg	11/21/25 15:11	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			21 - 165	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			10 - 170	87%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:11
Operator : YP\AJ
Sample : Q3674-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	182.8E6	227.9E6	20.995	24.413
2) SA Decachlor...	8.536	7.653	91821153	159.8E6	14.664	17.483
Target Compounds						
26) L6 AR-1254-1	5.311	4.631	59376682	93786675	170.937	175.018
27) L6 AR-1254-2	5.527	4.778	88480405	78680949	163.301	171.500
28) L6 AR-1254-3	5.877	5.162	83322300	120.5E6	144.699	158.692
29) L6 AR-1254-4	6.158	5.390	65583633	88762020	155.231	177.589
30) L6 AR-1254-5	6.569	5.797	142.1E6	215.4E6	309.232	311.142
31) L7 AR-1260-1	6.042	5.293	75165217	113.9E6	167.968	228.385 #
32) L7 AR-1260-2	6.300	5.483	93080466	128.6E6	182.184	212.028
33) L7 AR-1260-3	6.651	5.625	58642522	122.0E6	153.220	206.339 #
34) L7 AR-1260-4	6.867	6.089	59753384	77259085	142.901	155.960
35) L7 AR-1260-5	7.174	6.333	121.6E6	199.4E6	146.108	173.642

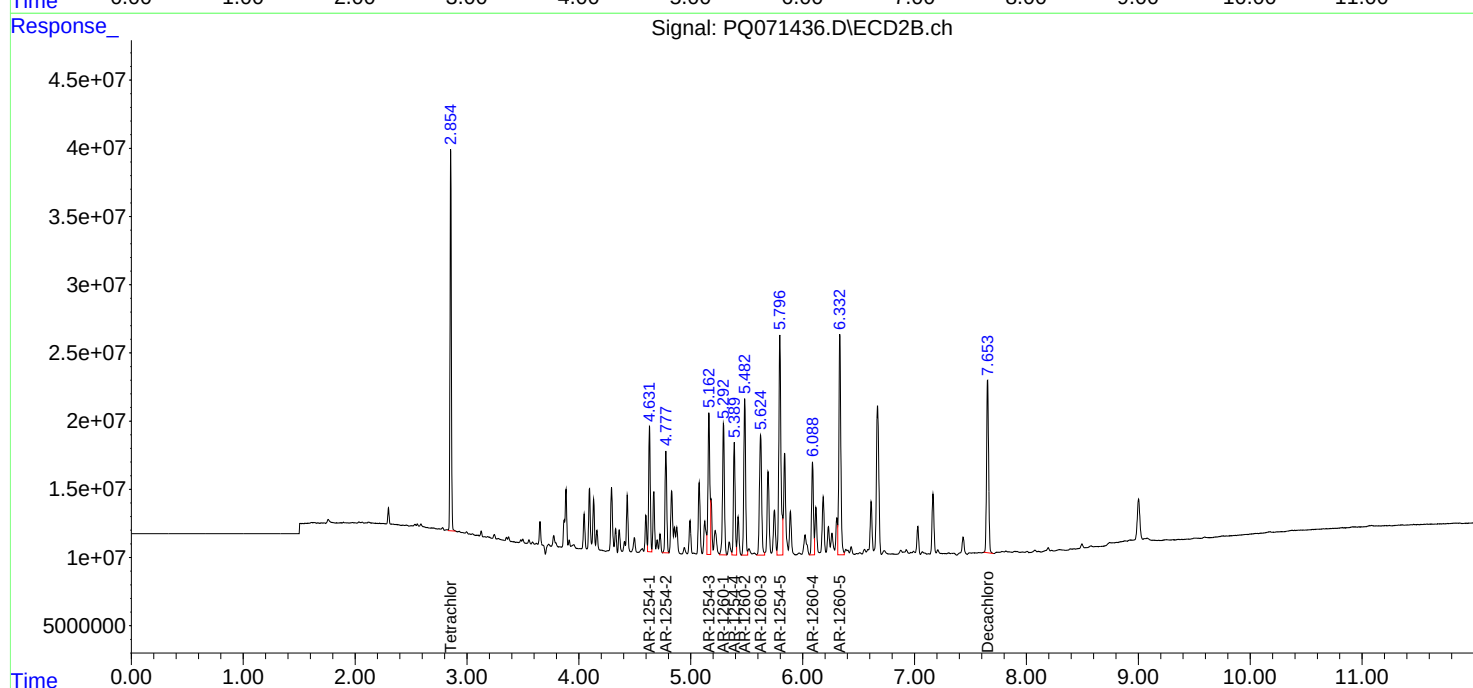
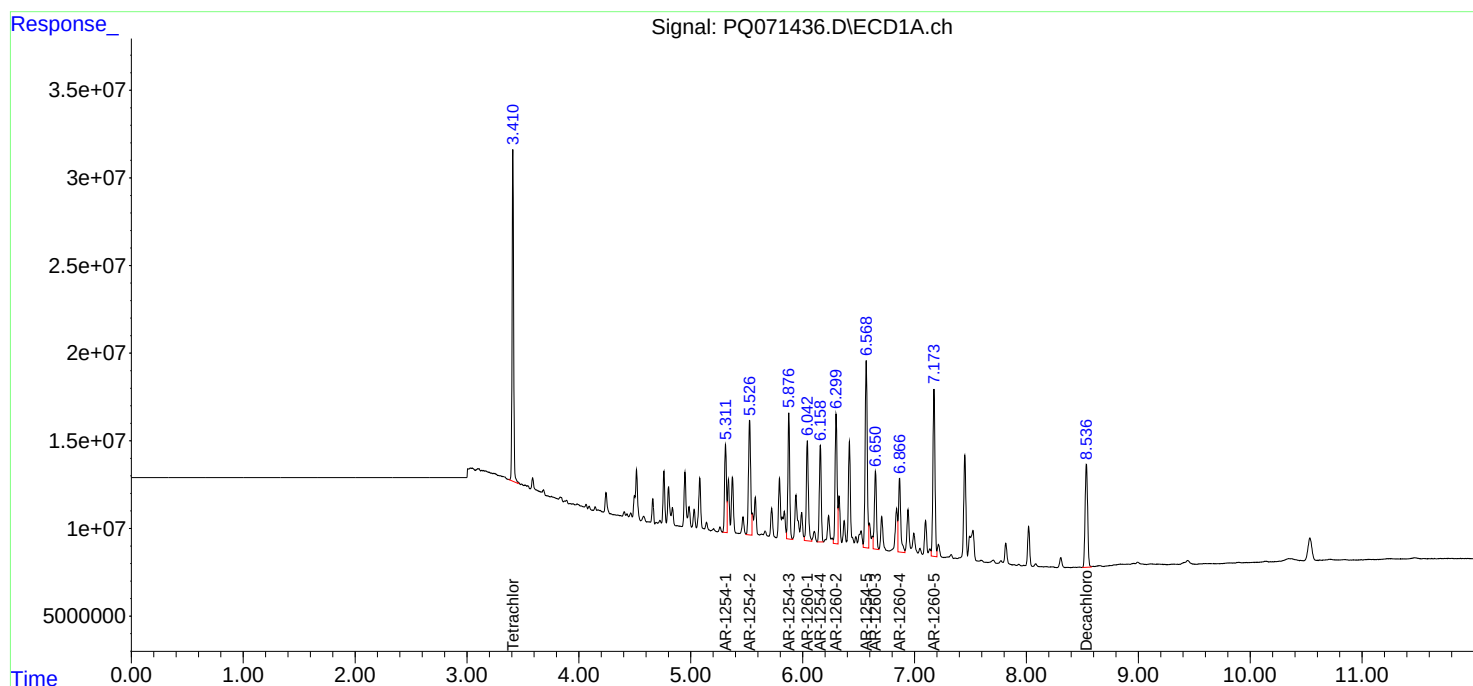
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

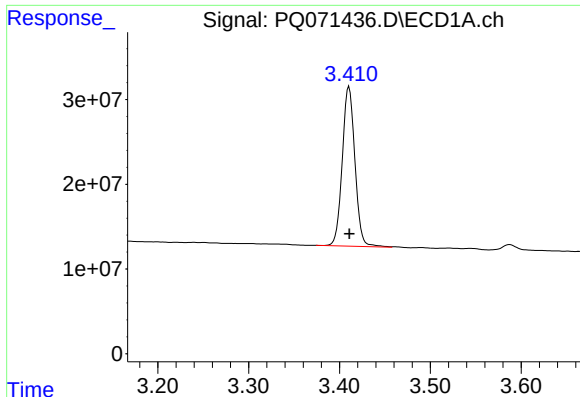
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:11
Operator : YP\AJ
Sample : Q3674-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

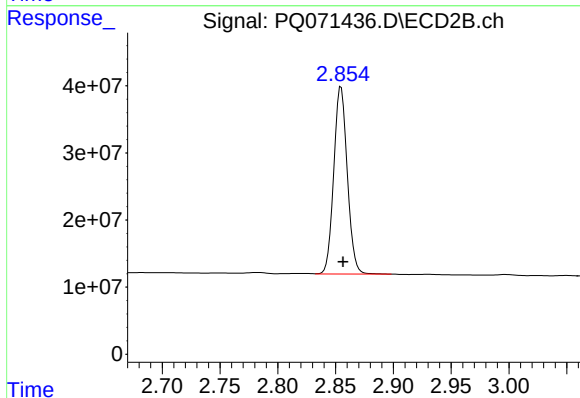




#1 Tetrachloro-m-xylene

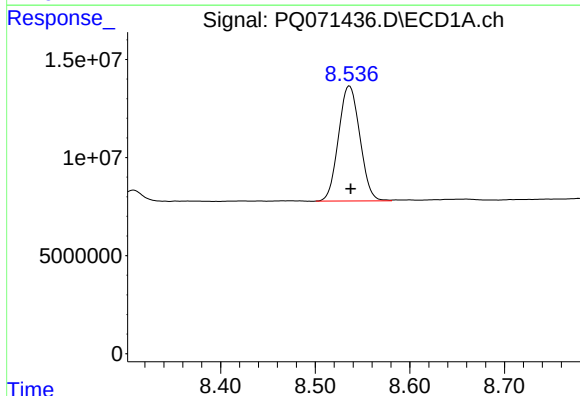
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 182767851
Conc: 21.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



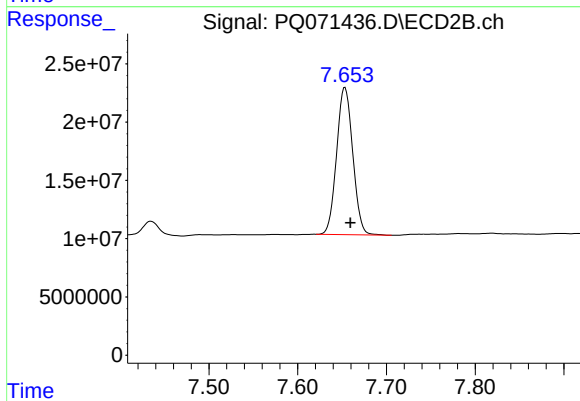
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 227934021
Conc: 24.41 ng/ml



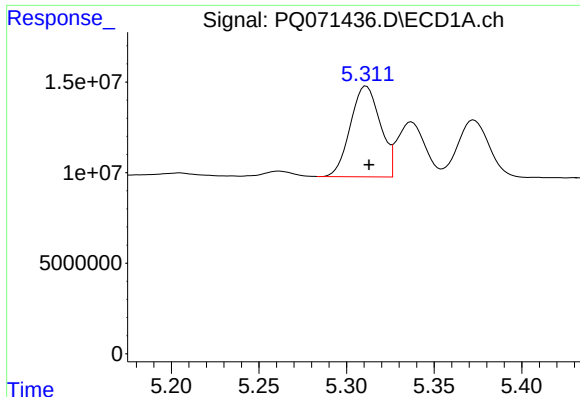
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 91821153
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

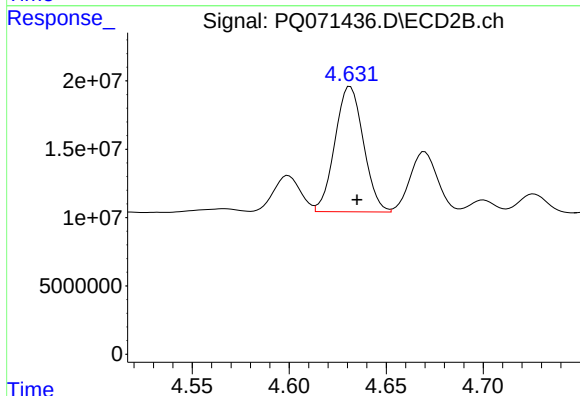
R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 159756195
Conc: 17.48 ng/ml



#26 AR-1254-1

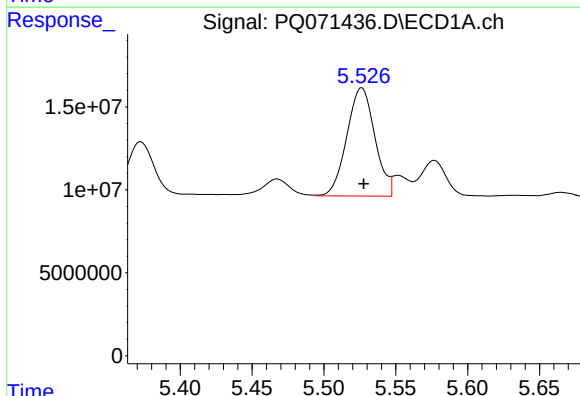
R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 59376682
Conc: 170.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



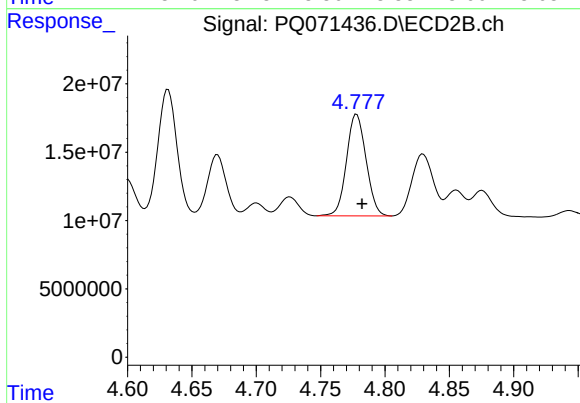
#26 AR-1254-1

R.T.: 4.631 min
Delta R.T.: -0.003 min
Response: 93786675
Conc: 175.02 ng/ml



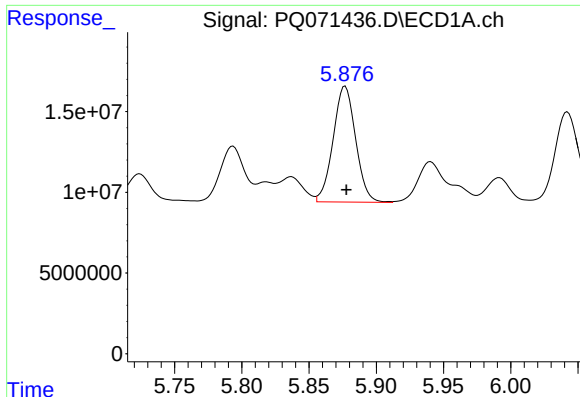
#27 AR-1254-2

R.T.: 5.527 min
Delta R.T.: -0.001 min
Response: 88480405
Conc: 163.30 ng/ml



#27 AR-1254-2

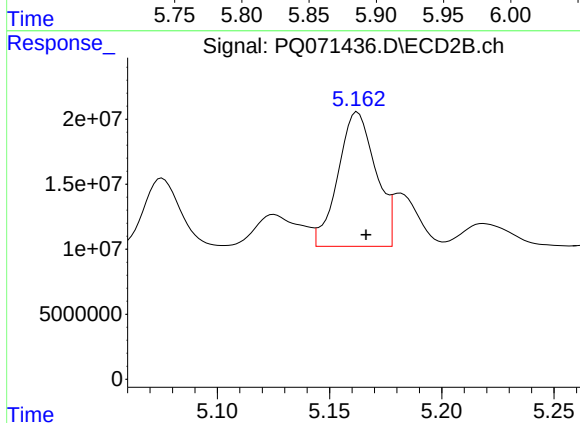
R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 78680949
Conc: 171.50 ng/ml



#28 AR-1254-3

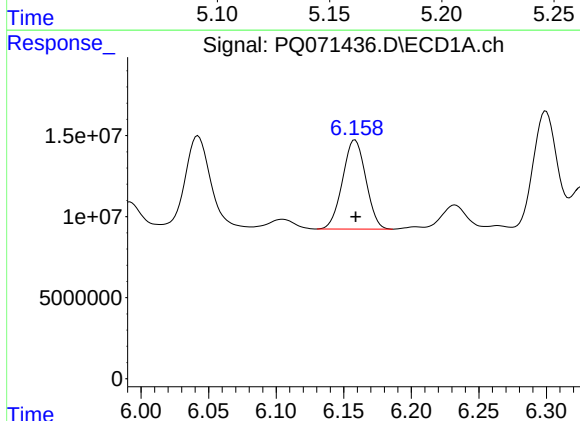
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 83322300
Conc: 144.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



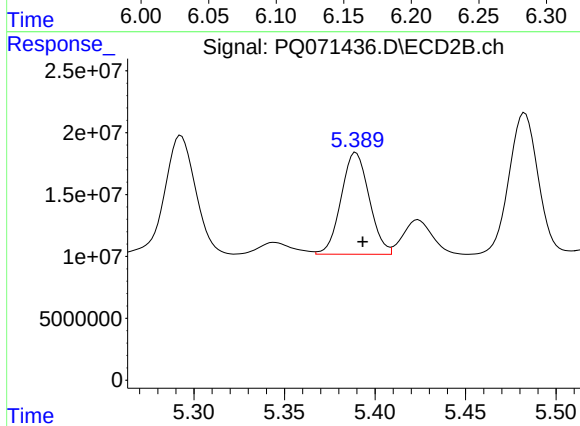
#28 AR-1254-3

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 120494970
Conc: 158.69 ng/ml



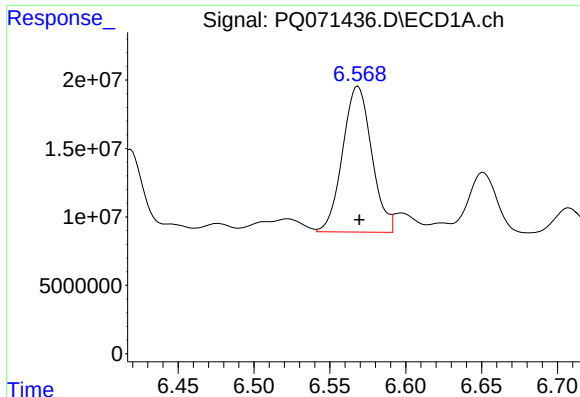
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 65583633
Conc: 155.23 ng/ml



#29 AR-1254-4

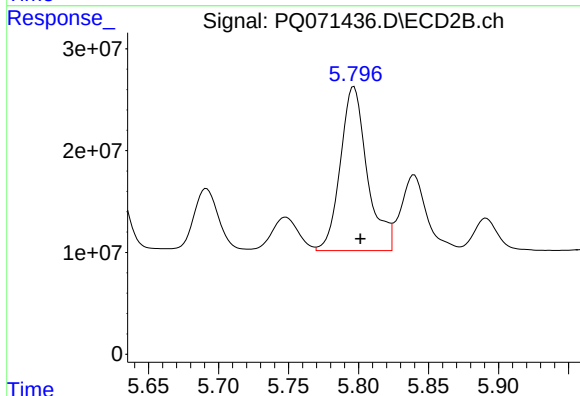
R.T.: 5.390 min
Delta R.T.: -0.004 min
Response: 88762020
Conc: 177.59 ng/ml



#30 AR-1254-5

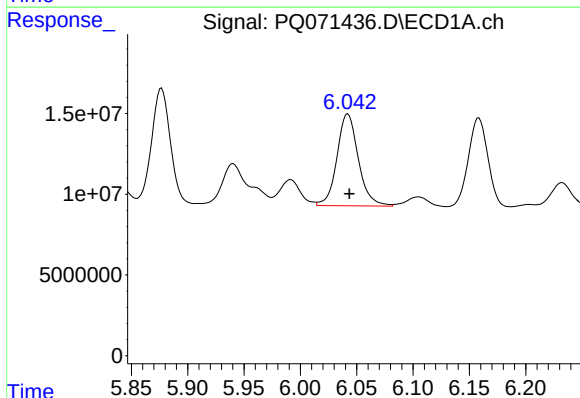
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 142133020
Conc: 309.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



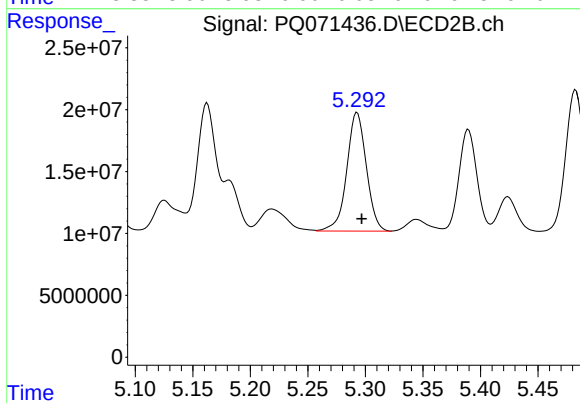
#30 AR-1254-5

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 215381987
Conc: 311.14 ng/ml



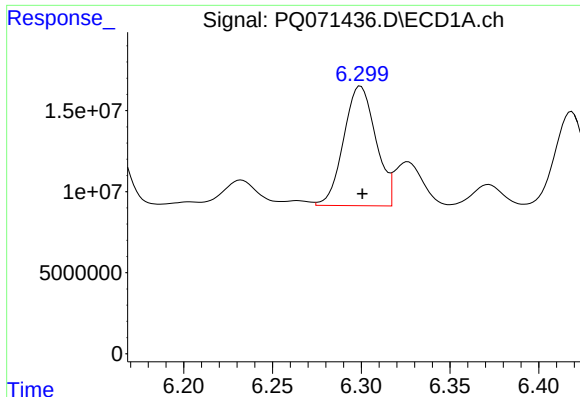
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 75165217
Conc: 167.97 ng/ml



#31 AR-1260-1

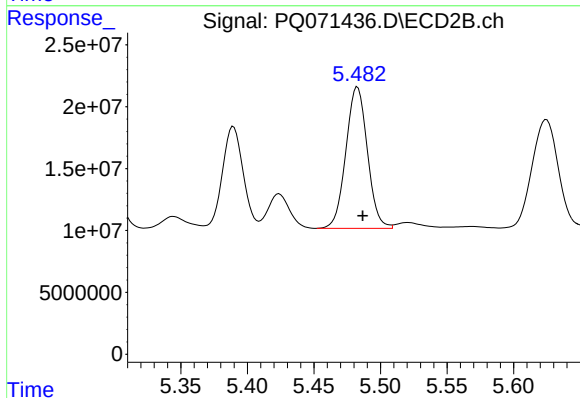
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 113947532
Conc: 228.39 ng/ml



#32 AR-1260-2

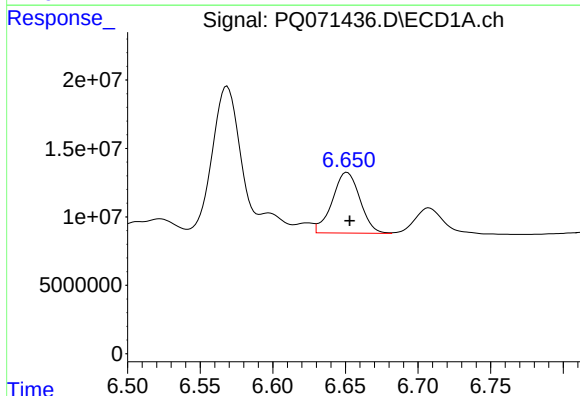
R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 93080466
Conc: 182.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



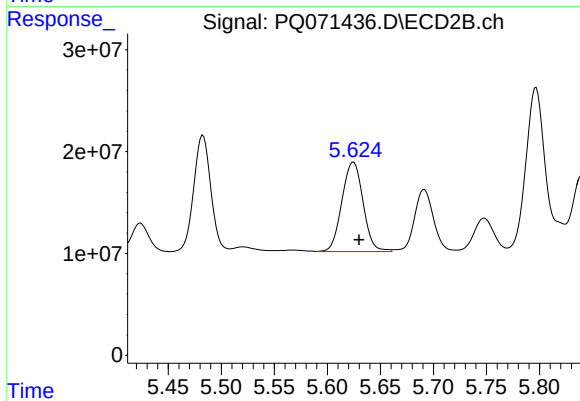
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 128568820
Conc: 212.03 ng/ml



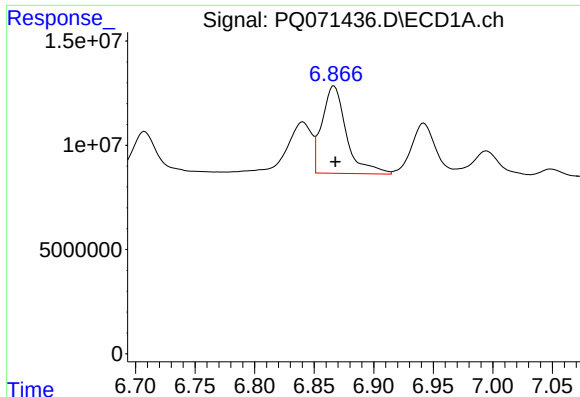
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 58642522
Conc: 153.22 ng/ml



#33 AR-1260-3

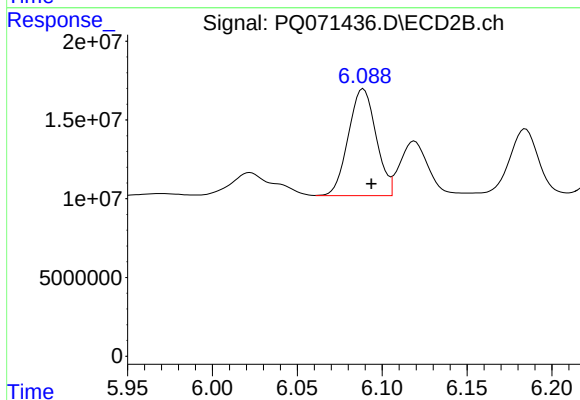
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 121984225
Conc: 206.34 ng/ml



#34 AR-1260-4

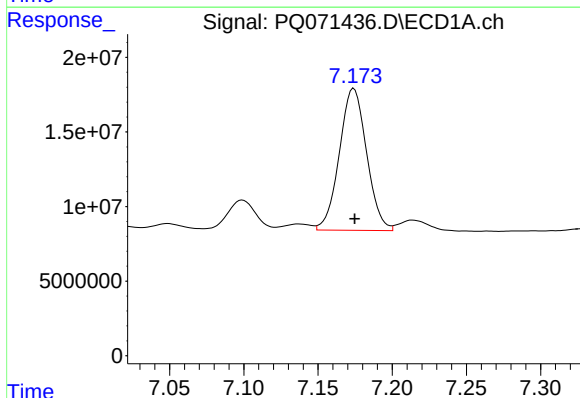
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 59753384
Conc: 142.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ4



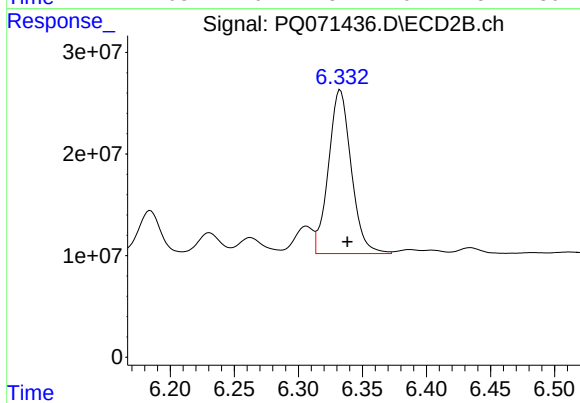
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 77259085
Conc: 155.96 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 121596521
Conc: 146.11 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 199390470
Conc: 173.64 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AJ5		SDG No.:	Q3674
Lab Sample ID:	Q3674-07		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.2	U	1	4.70	20.2	ug/kg	11/21/25 15:26	PB170671
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/21/25 15:26	PB170671
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/21/25 15:26	PB170671
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/21/25 15:26	PB170671
12672-29-6	Aroclor-1248	522	E	1	7.00	20.2	ug/kg	11/21/25 15:26	PB170671
11097-69-1	Aroclor-1254	420	E	1	3.80	20.2	ug/kg	11/21/25 15:26	PB170671
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/21/25 15:26	PB170671
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/21/25 15:26	PB170671
11096-82-5	Aroclor-1260	388		1	3.80	20.2	ug/kg	11/21/25 15:26	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.3			21 - 165	131%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.9			10 - 170	89%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:26
Operator : YP\AJ
Sample : Q3674-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	197.1E6	245.1E6	22.637	26.255
2)	SA Decachlor...	8.537	7.654	93074888	163.3E6	14.865	17.876
Target Compounds							
21)	L5 AR-1248-1	4.497	3.868	166.5E6	219.8E6	874.293	1032.495
22)	L5 AR-1248-2	4.760	4.095	305.4E6	411.1E6	1255.426	1447.592
23)	L5 AR-1248-3	4.949	4.132	368.2E6	400.3E6	1253.006	1429.096
24)	L5 AR-1248-4	5.311	4.292	386.6E6	505.8E6	1470.589	1460.312
25)	L5 AR-1248-5	5.337	4.670	280.5E6	422.9E6	828.968	1213.074 #
26)	L6 AR-1254-1	5.311	4.632	386.6E6	640.5E6	1112.925	1195.320
27)	L6 AR-1254-2	5.525	4.779	537.8E6	404.9E6	992.586	882.469
28)	L6 AR-1254-3	5.877	5.163	418.2E6	778.0E6	726.276	1024.633 #
29)	L6 AR-1254-4	6.158	5.390	289.0E6	386.2E6	684.115	772.619
30)	L6 AR-1254-5	6.568	5.797	650.0E6	987.0E6	1414.245	1425.803
31)	L7 AR-1260-1	6.042	5.293	382.8E6	617.4E6	855.521	1237.413 #
32)	L7 AR-1260-2	6.299	5.482	455.7E6	649.0E6	892.018	1070.298
33)	L7 AR-1260-3	6.652	5.625	264.4E6	589.8E6	690.781	997.660 #
34)	L7 AR-1260-4	6.866	6.089	297.2E6	393.0E6	710.818	793.429
35)	L7 AR-1260-5	7.174	6.333	558.8E6	909.2E6	671.427	791.750

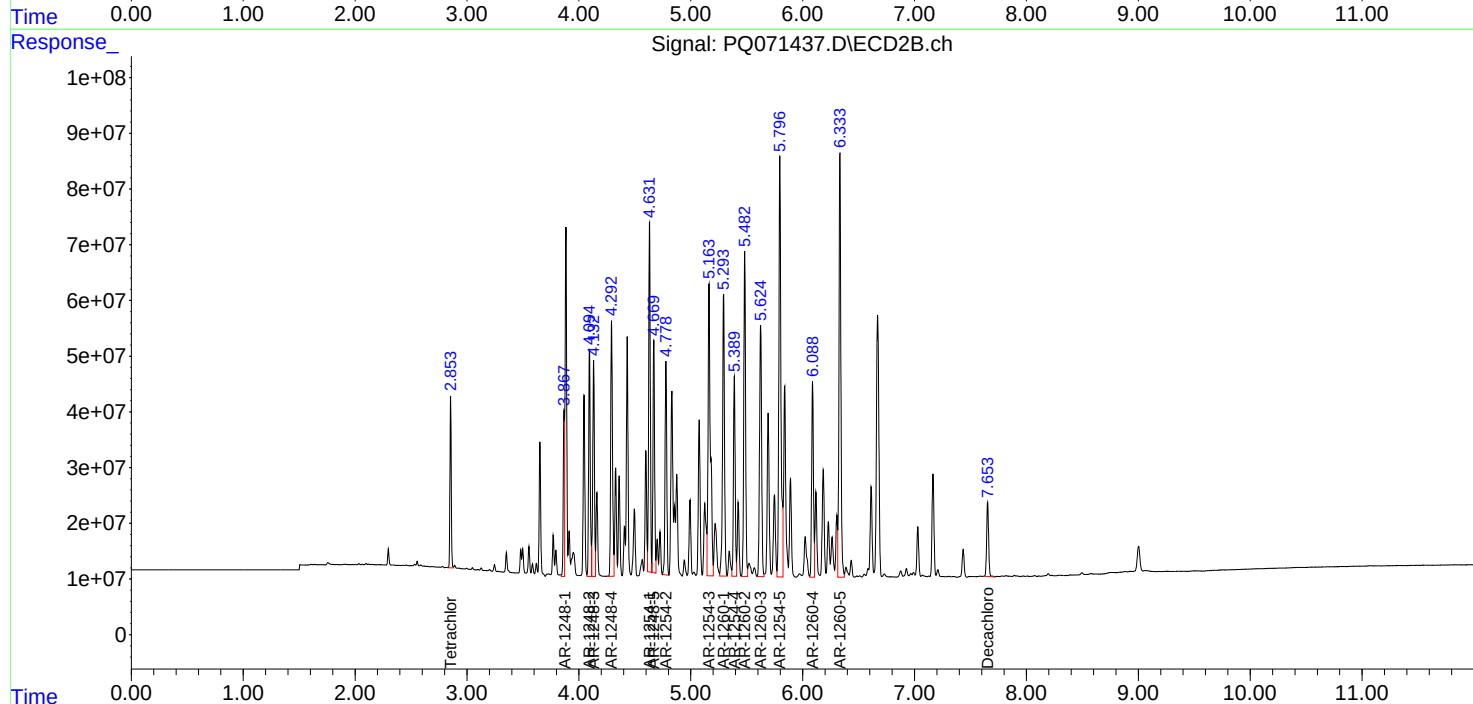
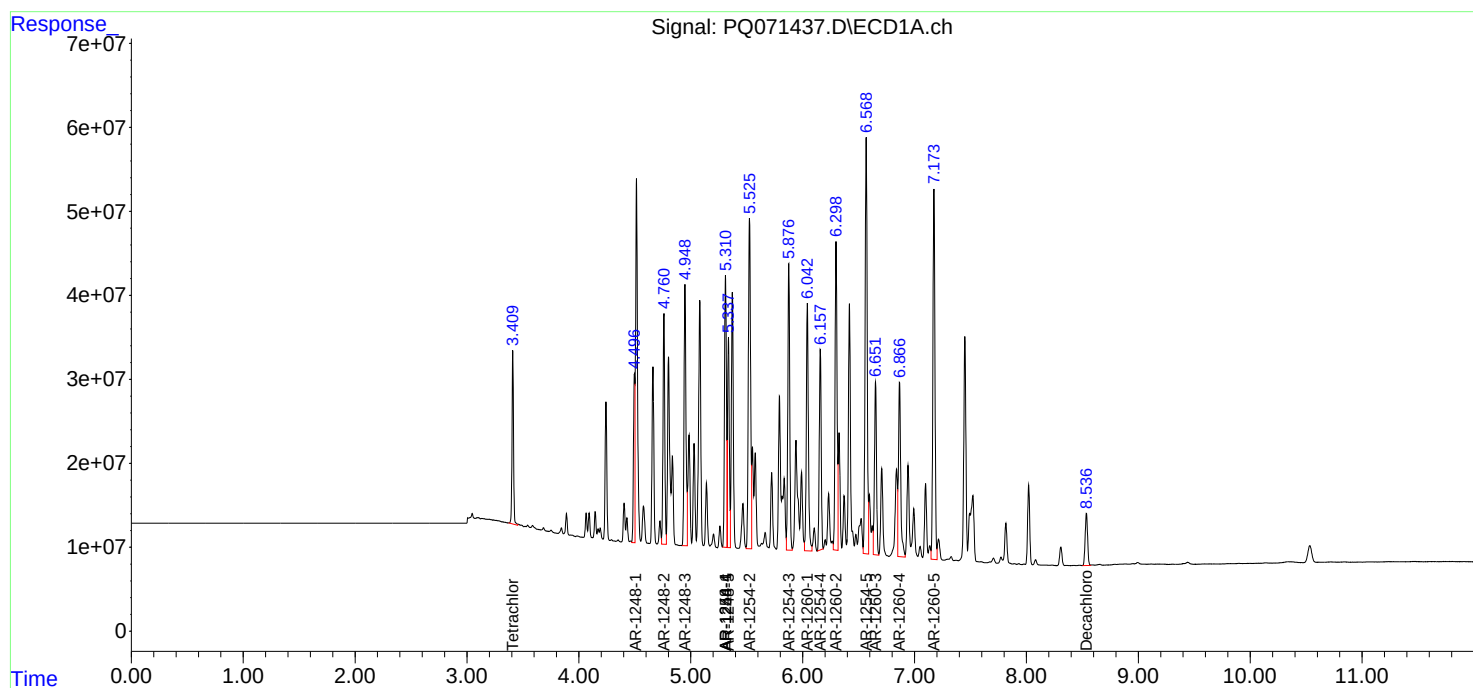
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

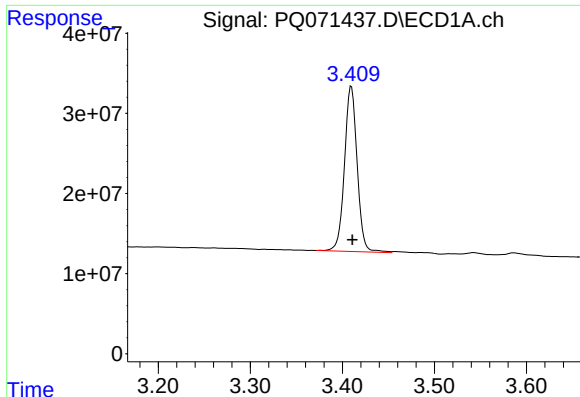
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:26
Operator : YP\AJ
Sample : Q3674-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

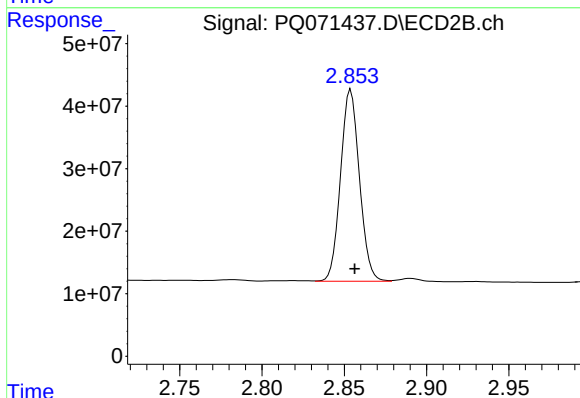




#1 Tetrachloro-m-xylene

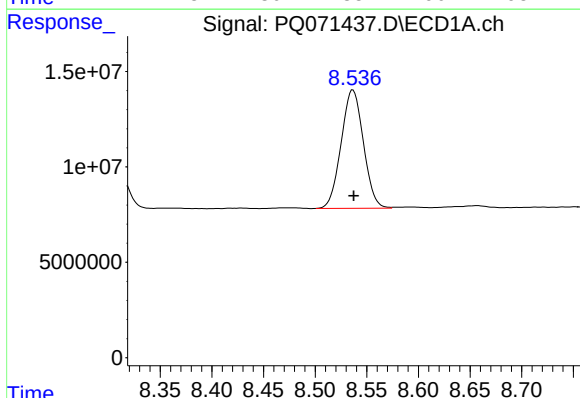
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 197062253
Conc: 22.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



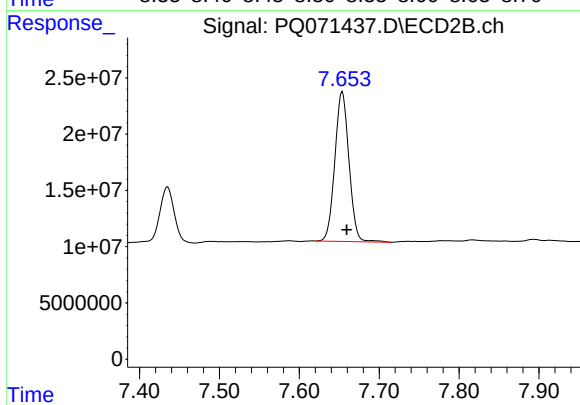
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 245130852
Conc: 26.25 ng/ml



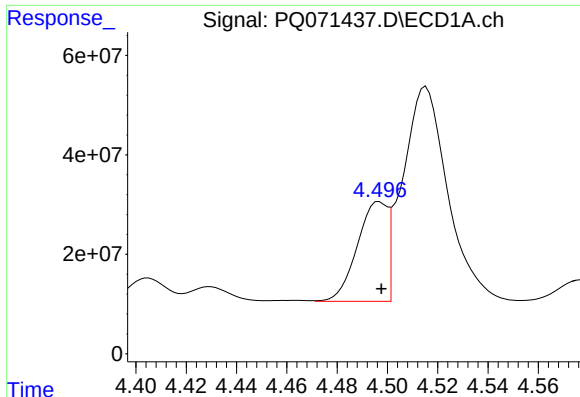
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 93074888
Conc: 14.86 ng/ml



#2 Decachlorobiphenyl

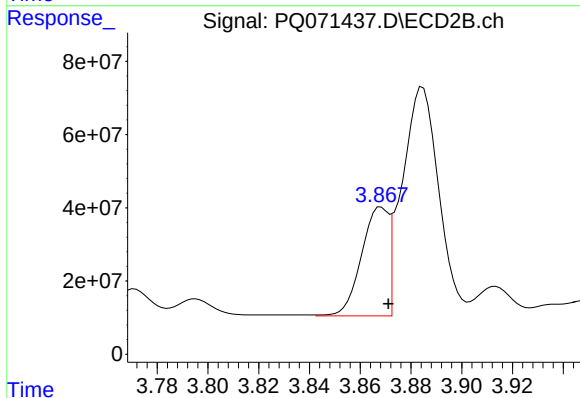
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 163349450
Conc: 17.88 ng/ml



#21 AR-1248-1

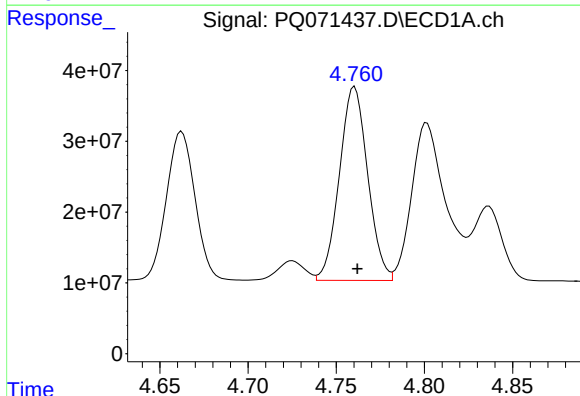
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 166547887
Conc: 874.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



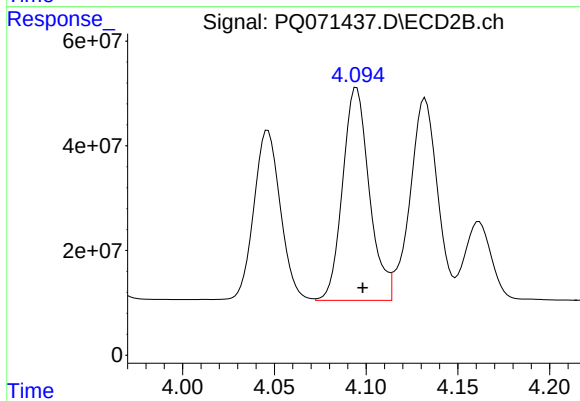
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 219793698
Conc: 1032.50 ng/ml



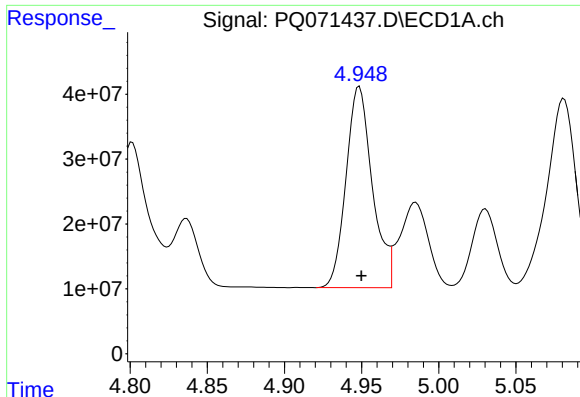
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 305429034
Conc: 1255.43 ng/ml



#22 AR-1248-2

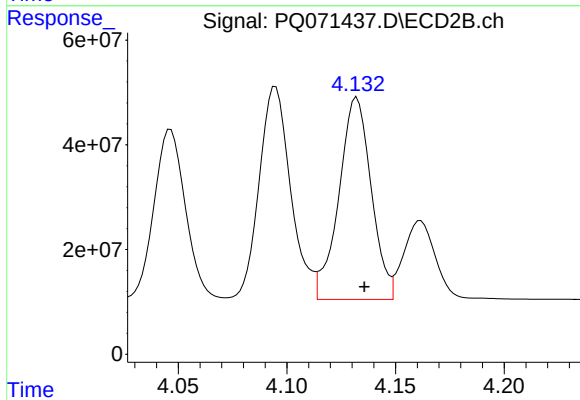
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 411141086
Conc: 1447.59 ng/ml



#23 AR-1248-3

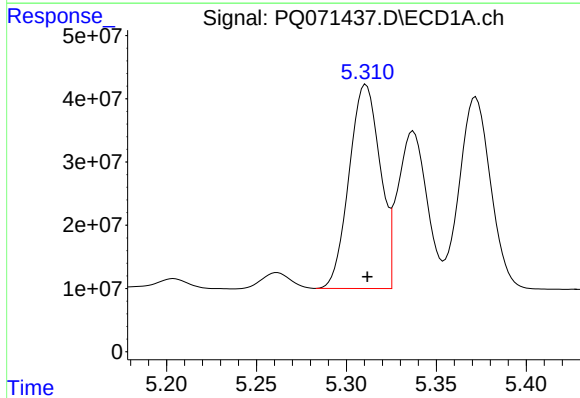
R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 368165474
Conc: 1253.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



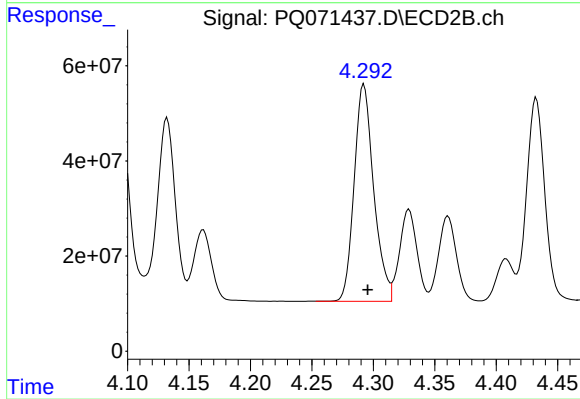
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 400307929
Conc: 1429.10 ng/ml



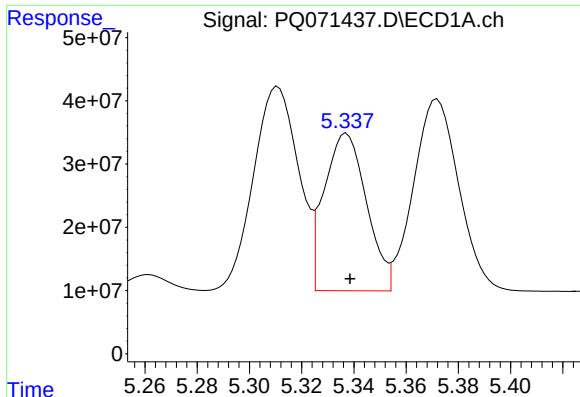
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 386585666
Conc: 1470.59 ng/ml



#24 AR-1248-4

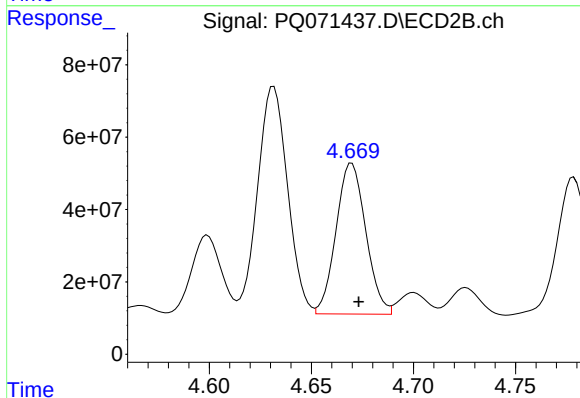
R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 505828918
Conc: 1460.31 ng/ml



#25 AR-1248-5

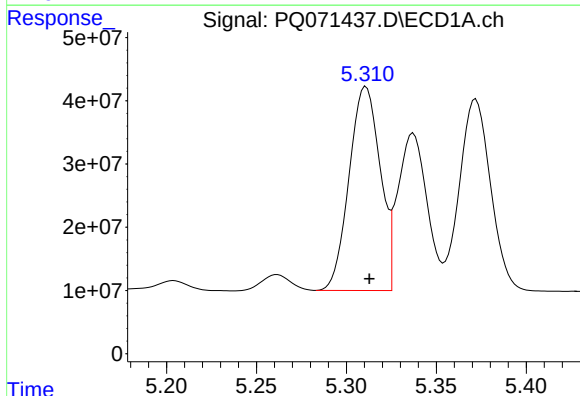
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 280478136
Conc: 828.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



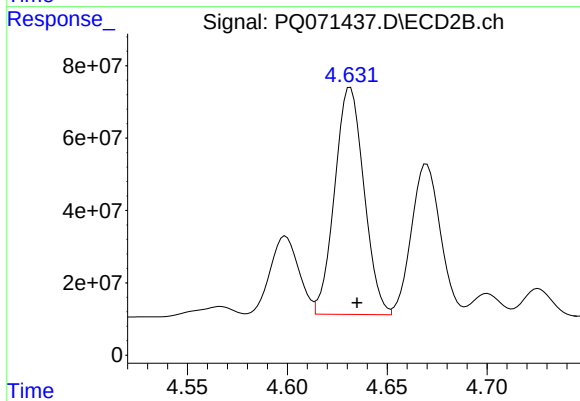
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 422923537
Conc: 1213.07 ng/ml



#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 386585666
Conc: 1112.92 ng/ml



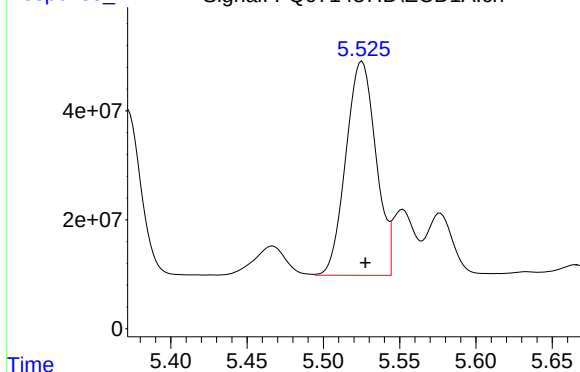
#26 AR-1254-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 640534578
Conc: 1195.32 ng/ml

Response_

Signal: PQ071437.D\ECD1A.ch

#27 AR-1254-2



R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 537806037
Conc: 992.59 ng/ml

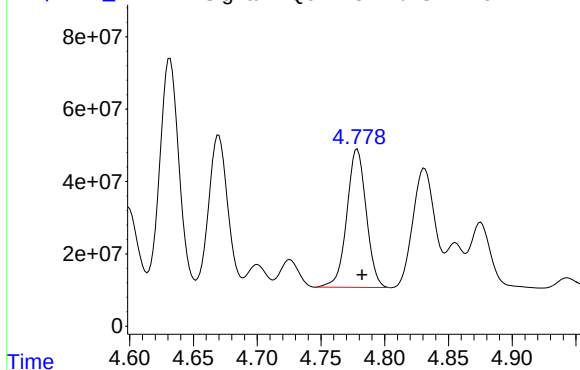
Instrument :
ECD_Q
ClientSampleId :
C0AJ5

Time

Response_

Signal: PQ071437.D\ECD2B.ch

#27 AR-1254-2



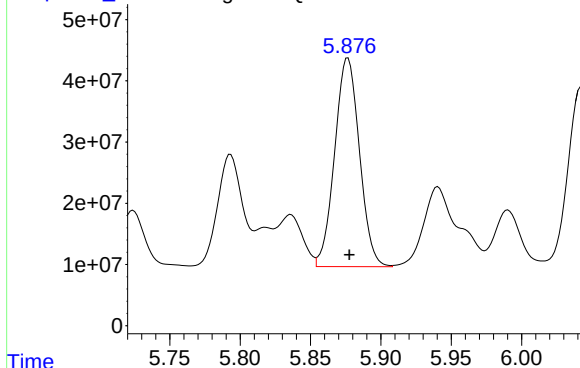
R.T.: 4.779 min
Delta R.T.: -0.004 min
Response: 404860336
Conc: 882.47 ng/ml

Time

Response_

Signal: PQ071437.D\ECD1A.ch

#28 AR-1254-3



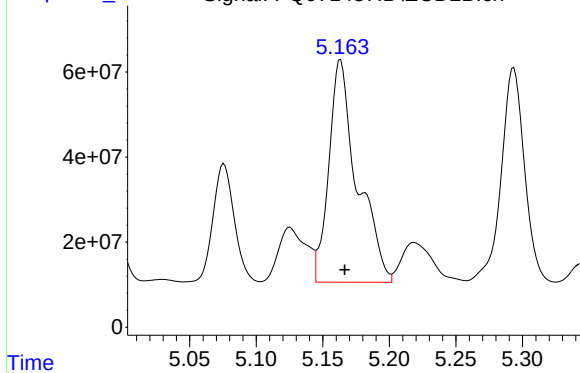
R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 418211392
Conc: 726.28 ng/ml

Time

Response_

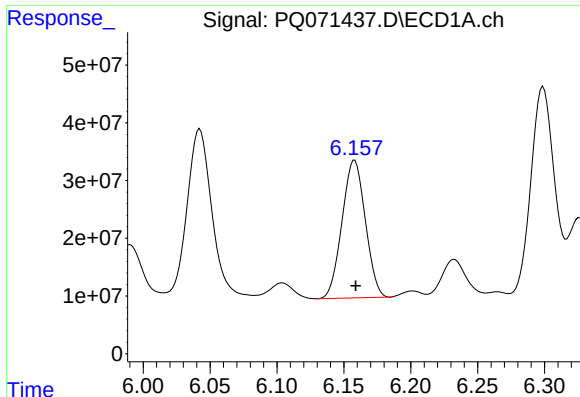
Signal: PQ071437.D\ECD2B.ch

#28 AR-1254-3



R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 778003025
Conc: 1024.63 ng/ml

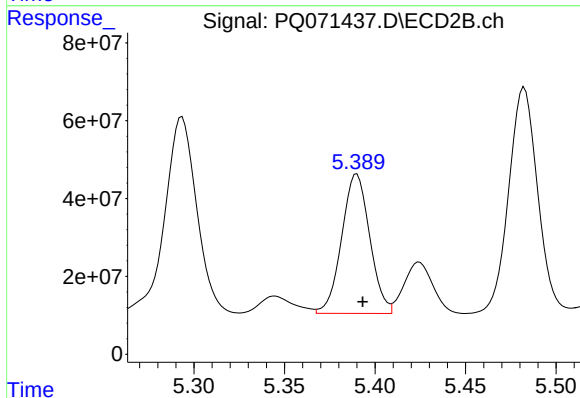
Time



#29 AR-1254-4

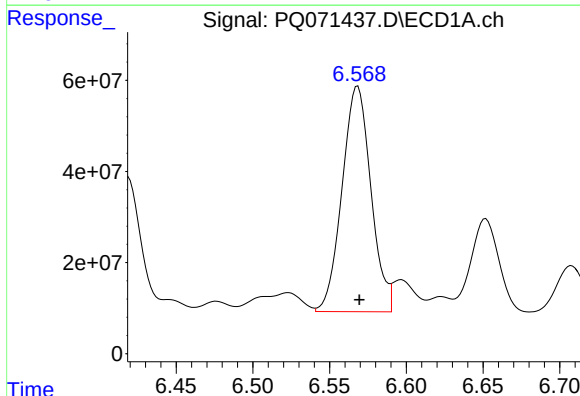
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 289031870
Conc: 684.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



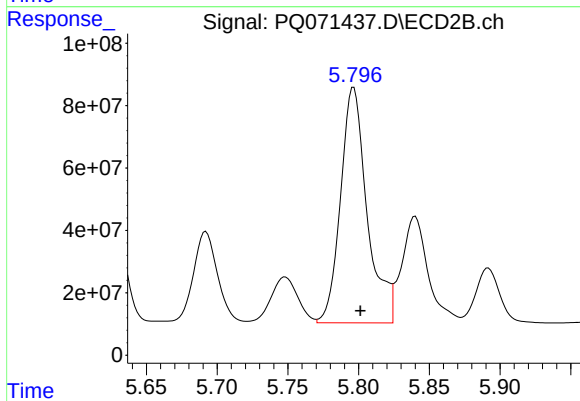
#29 AR-1254-4

R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 386168665
Conc: 772.62 ng/ml



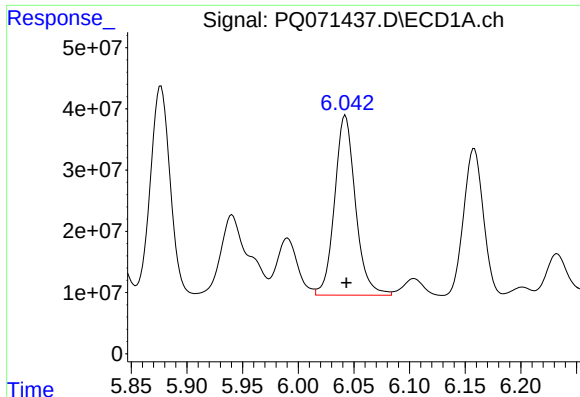
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 650032312
Conc: 1414.24 ng/ml



#30 AR-1254-5

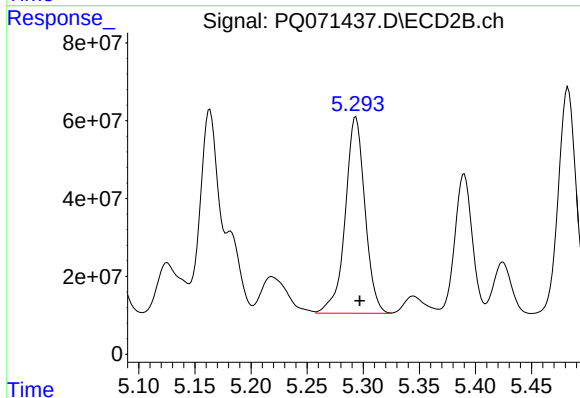
R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 986983814
Conc: 1425.80 ng/ml



#31 AR-1260-1

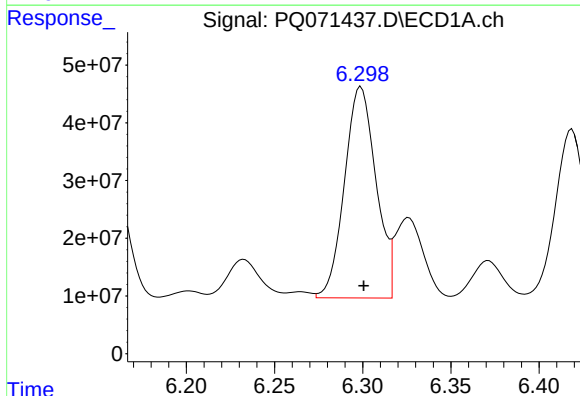
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 382843207
Conc: 855.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5



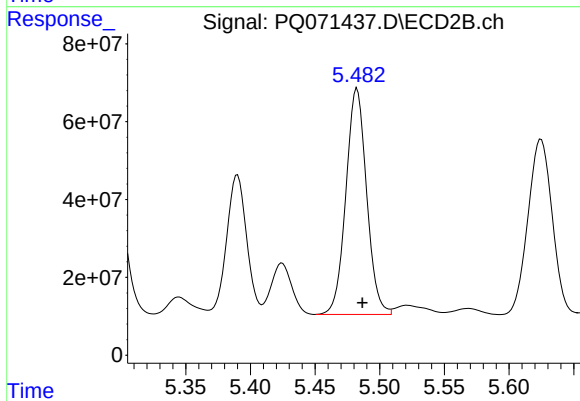
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 617378286
Conc: 1237.41 ng/ml



#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 455744287
Conc: 892.02 ng/ml



#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 649002787
Conc: 1070.30 ng/ml

Response_ Signal: PQ071437.D\ECD1A.ch

#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 264385039
Conc: 690.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5

Time

Response_ Signal: PQ071437.D\ECD2B.ch

#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 589800518
Conc: 997.66 ng/ml

Time

Response_ Signal: PQ071437.D\ECD1A.ch

#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 297224718
Conc: 710.82 ng/ml

Time

Response_ Signal: PQ071437.D\ECD2B.ch

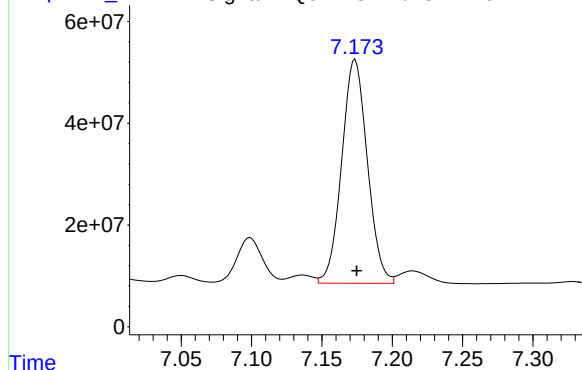
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 393048075
Conc: 793.43 ng/ml

Time

Signal: PQ071437.D\ECD1A.ch

#35 AR-1260-5

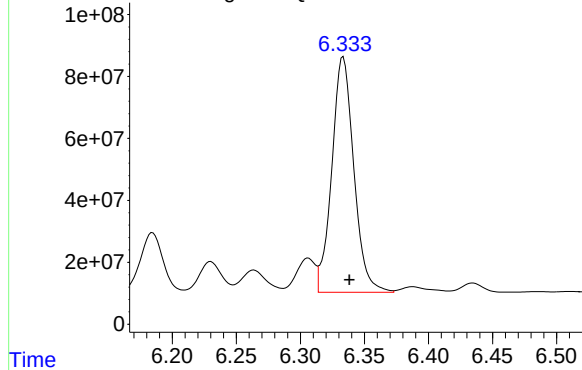


R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 558786696
Conc: 671.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5

Signal: PQ071437.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 909154865
Conc: 791.75 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ5DL	SDG No.: Q3674	
Lab Sample ID: Q3674-07DL	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84	
Sample Wt/Vol: 30.04 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	40.4	UD	2	9.40	40.4	ug/kg	11/24/25 17:12	PB170671
11104-28-2	Aroclor-1221	40.4	UD	2	9.60	40.4	ug/kg	11/24/25 17:12	PB170671
11141-16-5	Aroclor-1232	40.4	UD	2	8.80	40.4	ug/kg	11/24/25 17:12	PB170671
53469-21-9	Aroclor-1242	40.4	UD	2	9.50	40.4	ug/kg	11/24/25 17:12	PB170671
12672-29-6	Aroclor-1248	412	D	2	14.1	40.4	ug/kg	11/24/25 17:12	PB170671
11097-69-1	Aroclor-1254	344	D	2	7.60	40.4	ug/kg	11/24/25 17:12	PB170671
37324-23-5	Aroclor-1262	40.4	UD	2	11.9	40.4	ug/kg	11/24/25 17:12	PB170671
11100-14-4	Aroclor-1268	40.4	UD	2	8.60	40.4	ug/kg	11/24/25 17:12	PB170671
11096-82-5	Aroclor-1260	297	D	2	7.70	40.4	ug/kg	11/24/25 17:12	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			21 - 165	101%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.0			10 - 170	65%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:12
Operator : YP\AJ
Sample : Q3674-07DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:26:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	87517078	92820642	10.053	9.941
2) SA Decachlor...	8.536	7.651	40851441	54025891	6.524	5.912
Target Compounds						
21) L5 AR-1248-1	4.497	3.868	79509406	84700463	417.385	397.886
22) L5 AR-1248-2	4.760	4.094	139.9E6	160.2E6	575.207	564.189
23) L5 AR-1248-3	4.949	4.131	167.9E6	155.2E6	571.388	554.215
24) L5 AR-1248-4	5.310	4.291	174.1E6	194.3E6	662.150	560.962
25) L5 AR-1248-5	5.337	4.668	126.6E6	160.3E6	374.083	459.670
26) L6 AR-1254-1	5.310	4.631	174.1E6	244.5E6	501.108	456.195
27) L6 AR-1254-2	5.525	4.778	238.7E6	152.8E6	440.603	333.016
28) L6 AR-1254-3	5.876	5.162	183.5E6	295.3E6	318.689	388.894
29) L6 AR-1254-4	6.158	5.389	127.0E6	152.6E6	300.609	305.312
30) L6 AR-1254-5	6.568	5.795	279.3E6	371.1E6	607.768	536.037
31) L7 AR-1260-1	6.042	5.292	169.0E6	239.2E6	377.755	479.513 #
32) L7 AR-1260-2	6.299	5.481	201.0E6	249.5E6	393.374	411.408
33) L7 AR-1260-3	6.652	5.623	116.2E6	231.3E6	303.655	391.209 #
34) L7 AR-1260-4	6.867	6.088	128.6E6	148.8E6	307.599	300.375
35) L7 AR-1260-5	7.174	6.332	236.9E6	332.7E6	284.686	289.747

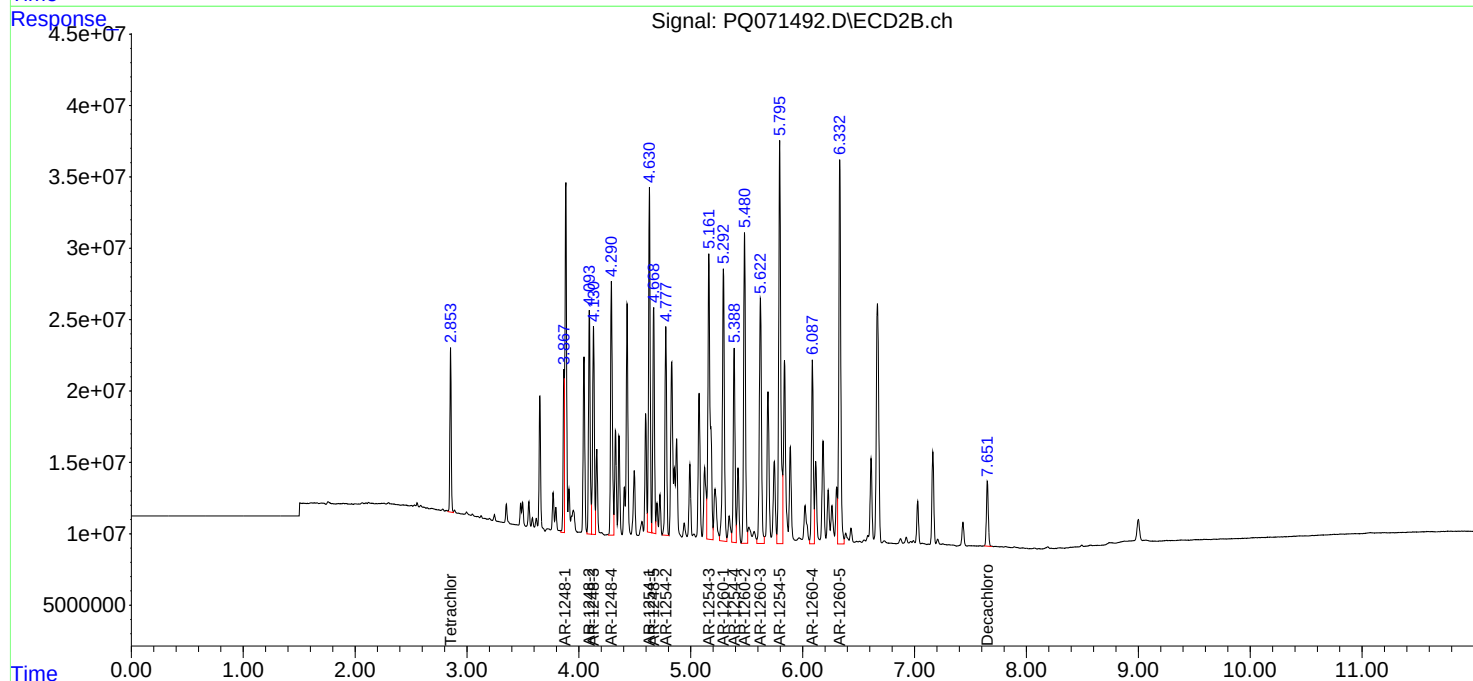
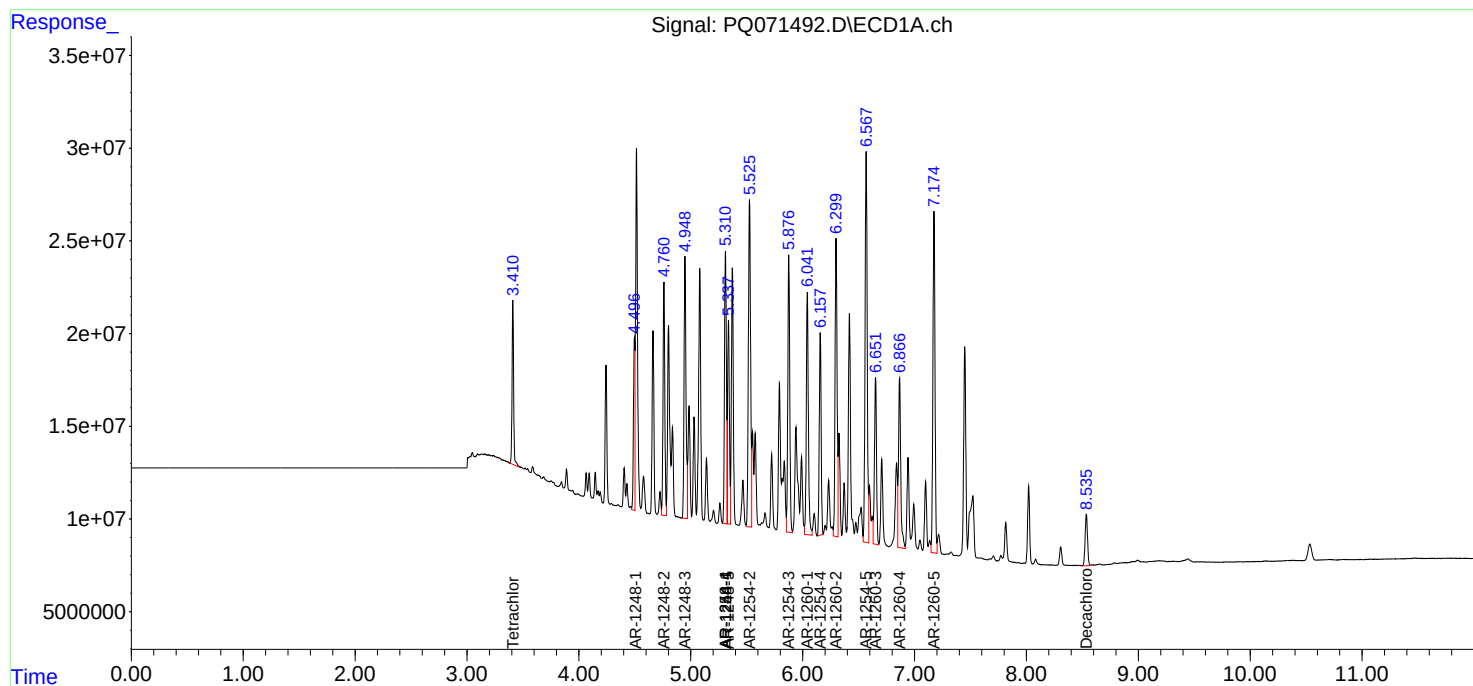
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

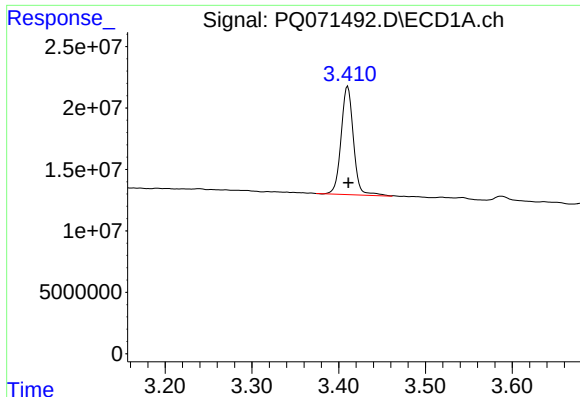
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:12
Operator : YP\AJ
Sample : Q3674-07DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:26:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

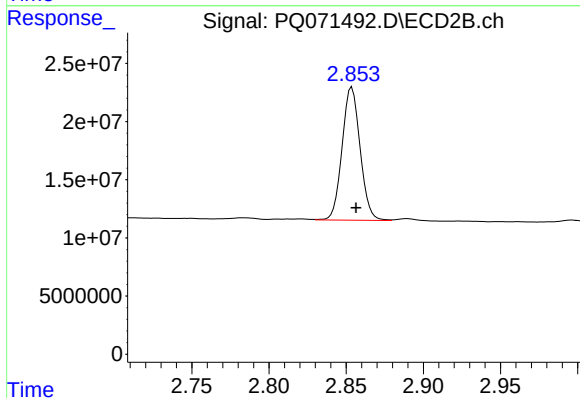




#1 Tetrachloro-m-xylene

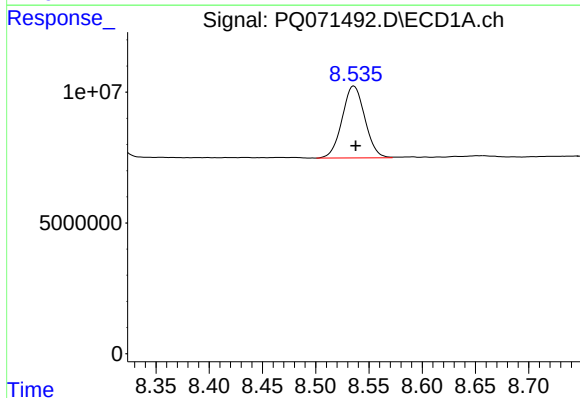
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 87517078
Conc: 10.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



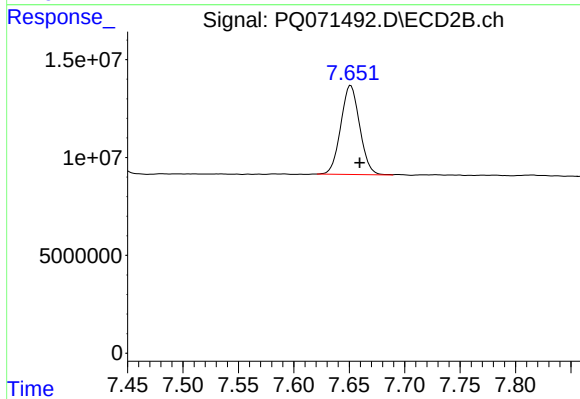
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 92820642
Conc: 9.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 40851441
Conc: 6.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.651 min
Delta R.T.: -0.008 min
Response: 54025891
Conc: 5.91 ng/ml

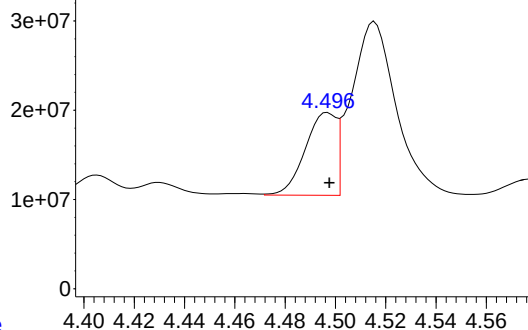
Response_

Signal: PQ071492.D\ECD1A.ch

#21 AR-1248-1

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 79509406
Conc: 417.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



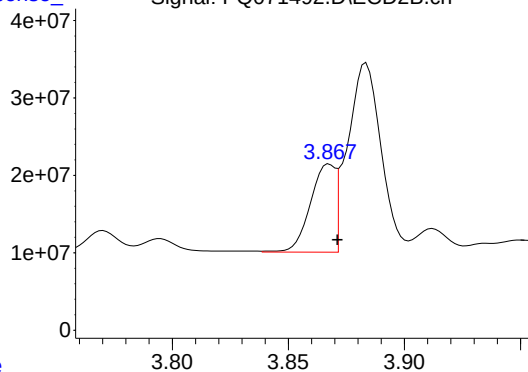
Time

Response_

Signal: PQ071492.D\ECD2B.ch

#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 84700463
Conc: 397.89 ng/ml



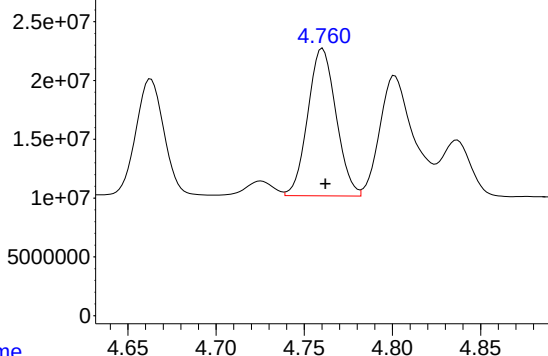
Time

Response_

Signal: PQ071492.D\ECD1A.ch

#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 139940378
Conc: 575.21 ng/ml



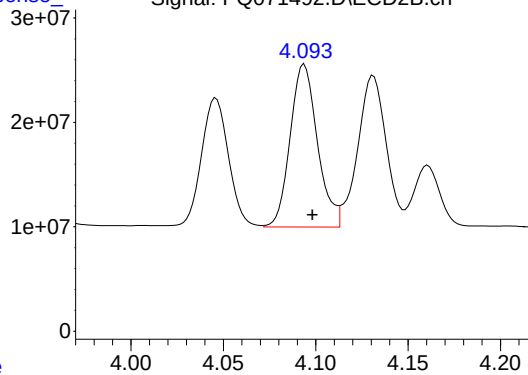
Time

Response_

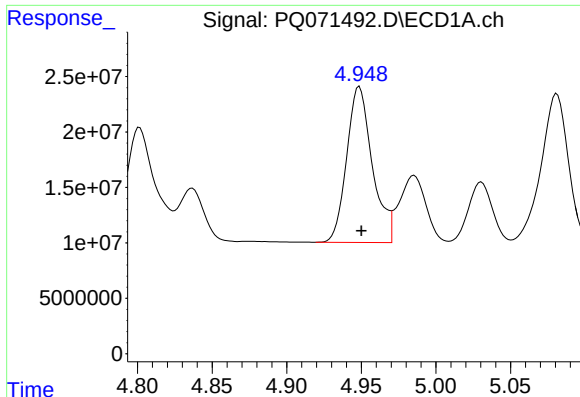
Signal: PQ071492.D\ECD2B.ch

#22 AR-1248-2

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 160239370
Conc: 564.19 ng/ml



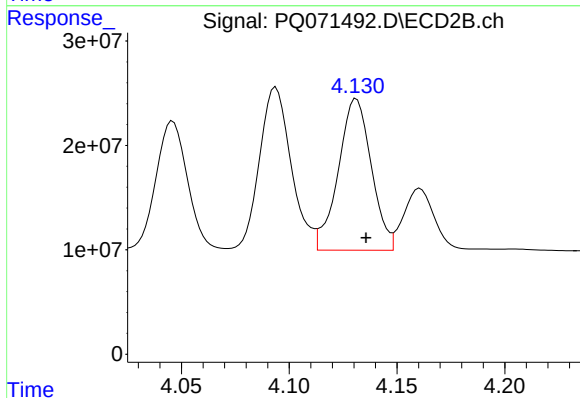
Time



#23 AR-1248-3

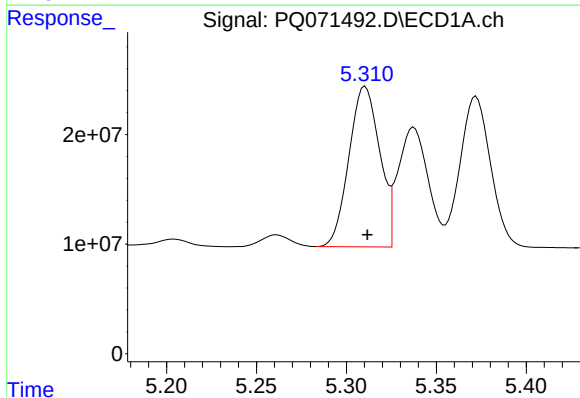
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 167888432
Conc: 571.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



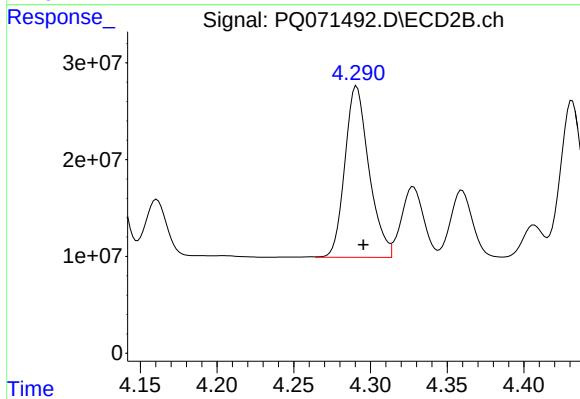
#23 AR-1248-3

R.T.: 4.131 min
Delta R.T.: -0.005 min
Response: 155242757
Conc: 554.22 ng/ml



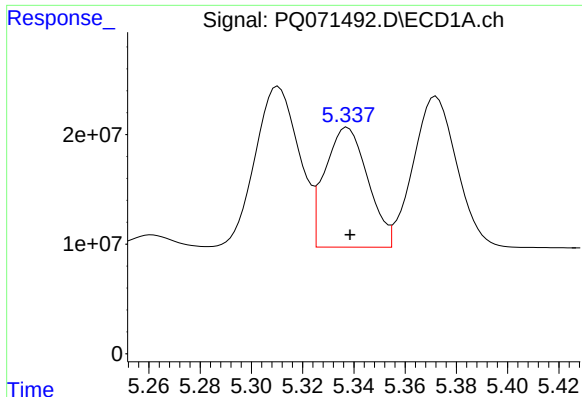
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 174064825
Conc: 662.15 ng/ml



#24 AR-1248-4

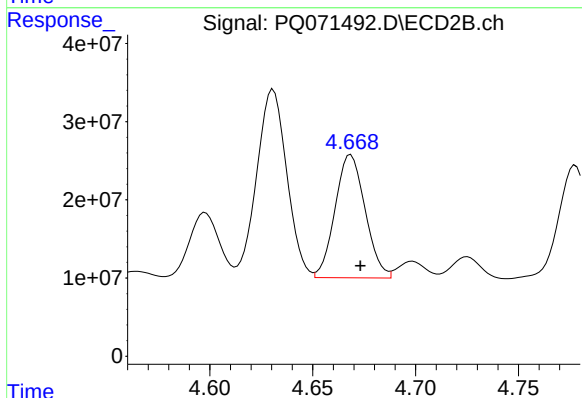
R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 194308432
Conc: 560.96 ng/ml



#25 AR-1248-5

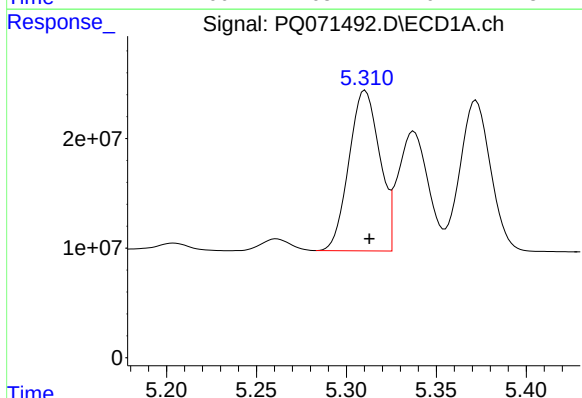
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 126569669
Conc: 374.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



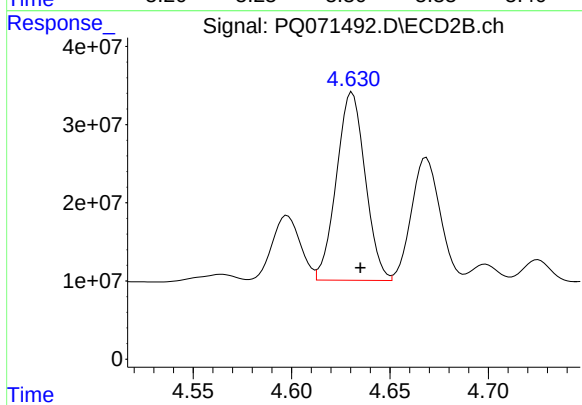
#25 AR-1248-5

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 160258439
Conc: 459.67 ng/ml



#26 AR-1254-1

R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 174064825
Conc: 501.11 ng/ml

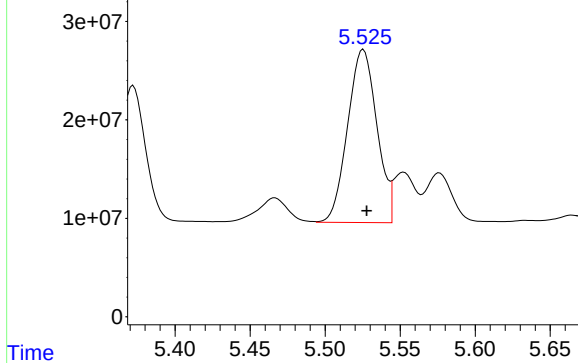


#26 AR-1254-1

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 244460486
Conc: 456.19 ng/ml

Response_ Signal: PQ071492.D\ECD1A.ch

#27 AR-1254-2

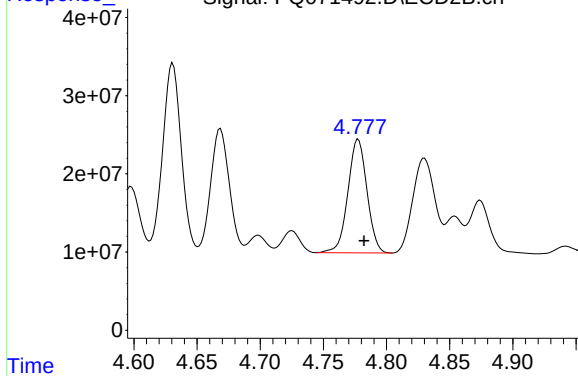


R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 238728731
Conc: 440.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL

Response_ Signal: PQ071492.D\ECD2B.ch

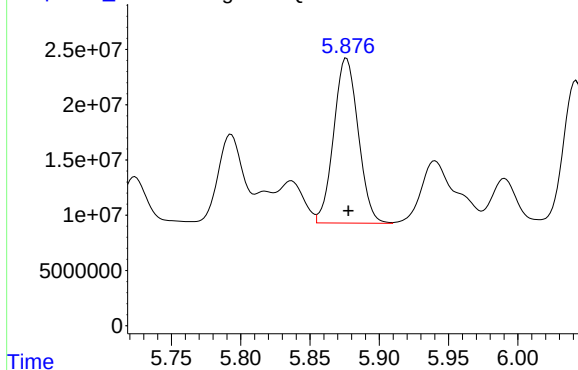
#27 AR-1254-2



R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 152781671
Conc: 333.02 ng/ml

Response_ Signal: PQ071492.D\ECD1A.ch

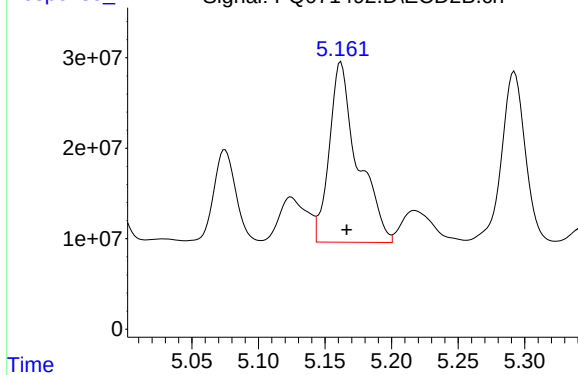
#28 AR-1254-3



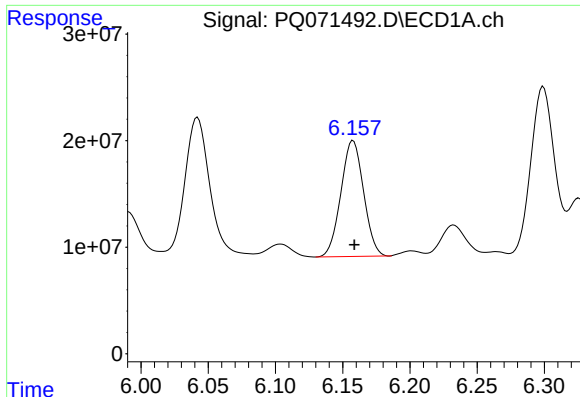
R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 183510480
Conc: 318.69 ng/ml

Response_ Signal: PQ071492.D\ECD2B.ch

#28 AR-1254-3



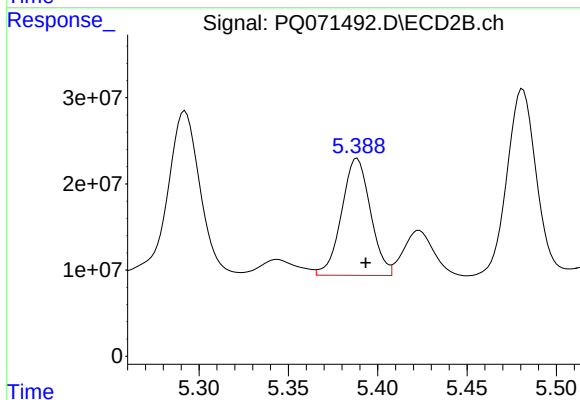
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 295286660
Conc: 388.89 ng/ml



#29 AR-1254-4

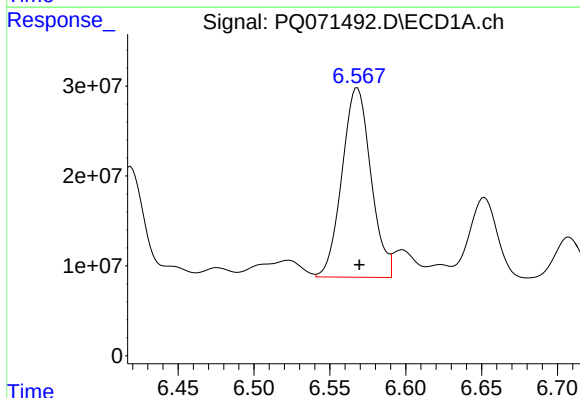
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 127004470
Conc: 300.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



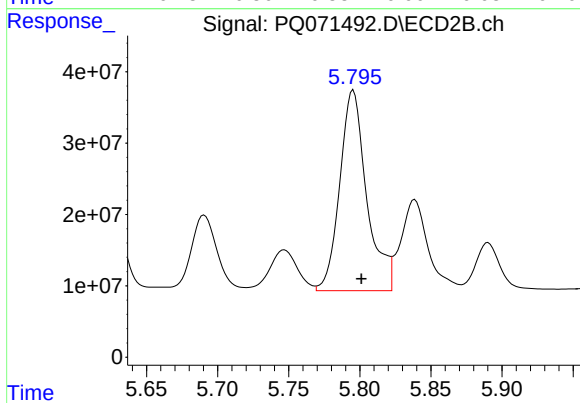
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.005 min
Response: 152600527
Conc: 305.31 ng/ml



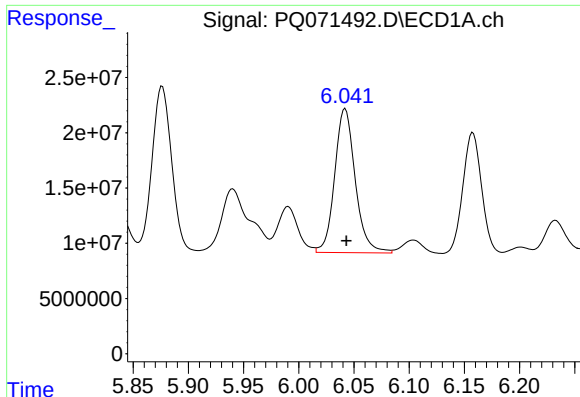
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 279349640
Conc: 607.77 ng/ml



#30 AR-1254-5

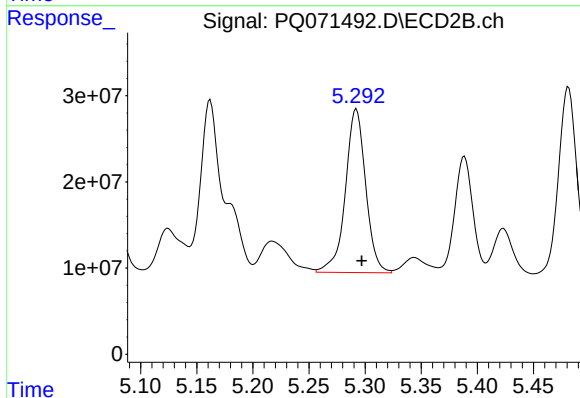
R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 371060776
Conc: 536.04 ng/ml



#31 AR-1260-1

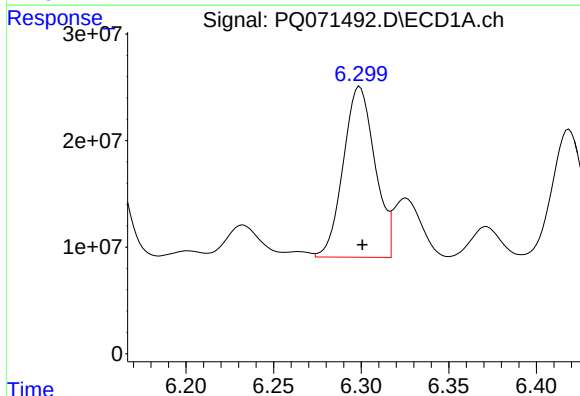
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 169044210
Conc: 377.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



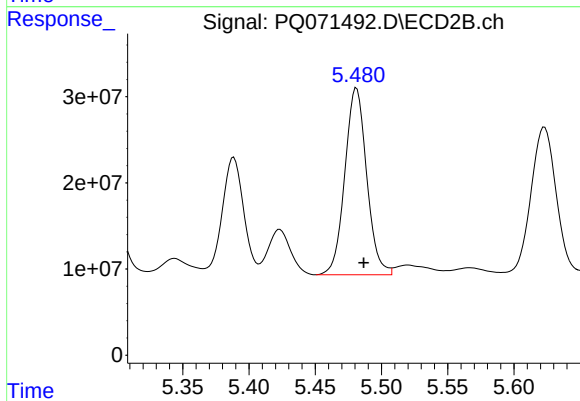
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 239241646
Conc: 479.51 ng/ml



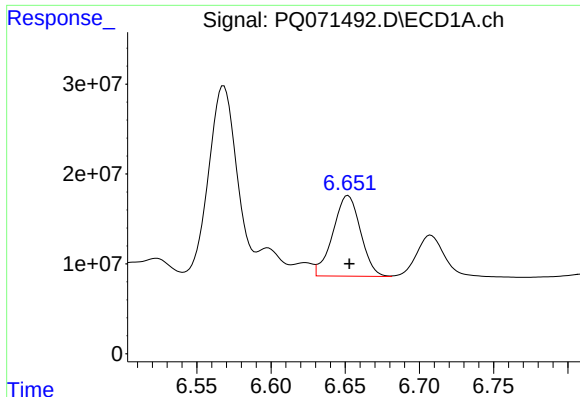
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 200980280
Conc: 393.37 ng/ml



#32 AR-1260-2

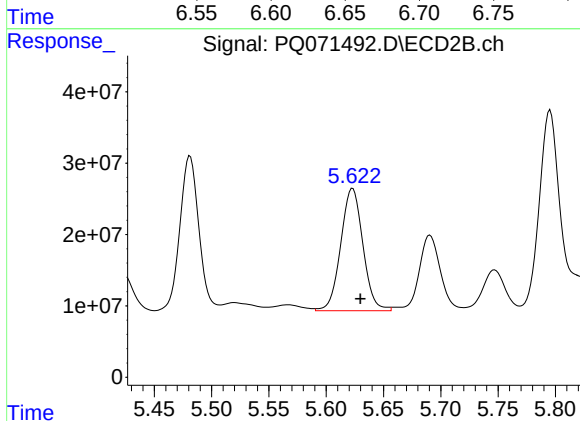
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 249467996
Conc: 411.41 ng/ml



#33 AR-1260-3

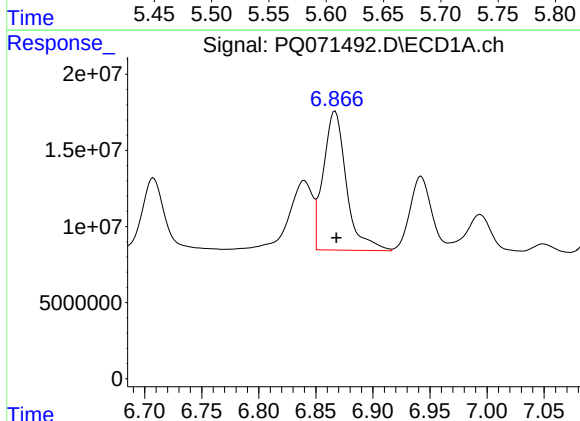
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 116219145
Conc: 303.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL



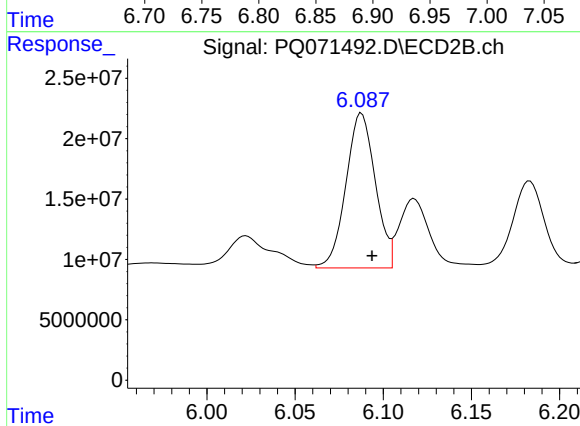
#33 AR-1260-3

R.T.: 5.623 min
Delta R.T.: -0.007 min
Response: 231276641
Conc: 391.21 ng/ml



#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 128620777
Conc: 307.60 ng/ml

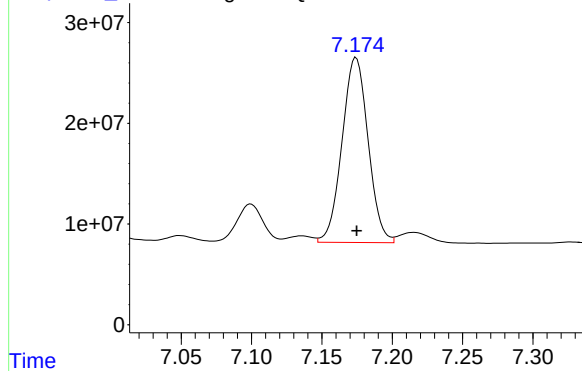


#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 148799466
Conc: 300.38 ng/ml

Signal: PQ071492.D\ECD1A.ch

#35 AR-1260-5

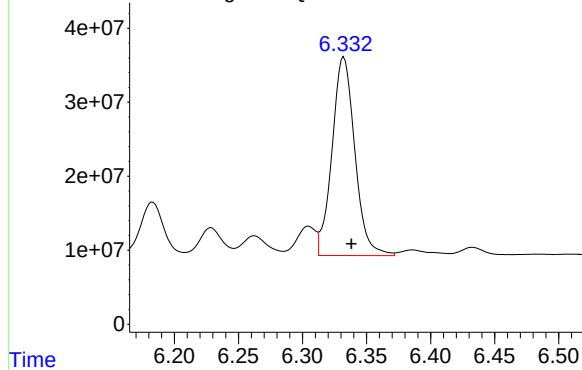


R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 236926519
Conc: 284.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ5DL

Signal: PQ071492.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 332712065
Conc: 289.75 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AJ6		SDG No.:	Q3674
Lab Sample ID:	Q3674-08		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.2
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/21/25 15:41	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 15:41	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 15:41	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.80	20.1	ug/kg	11/21/25 15:41	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 15:41	PB170671
11097-69-1	Aroclor-1254	39.3		1	3.80	20.1	ug/kg	11/21/25 15:41	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	6.00	20.1	ug/kg	11/21/25 15:41	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 15:41	PB170671
11096-82-5	Aroclor-1260	57.7		1	3.80	20.1	ug/kg	11/21/25 15:41	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.6			21 - 165	143%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.9			10 - 170	114%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3674-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:39:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	213.3E6	266.9E6	24.507	28.587
2) SA Decachlor...	8.538	7.654	120.9E6	209.2E6	19.306	22.894
Target Compounds						
26) L6 AR-1254-1	5.311	4.631	34469223	52084026	99.232	97.195
27) L6 AR-1254-2	5.526	4.778	48021011	41375614	88.629	90.186
28) L6 AR-1254-3	5.877	5.163	33811384	46063254	58.718	60.665
29) L6 AR-1254-4	6.158	5.389	21064132	30085925	49.857	60.194
30) L6 AR-1254-5	6.568	5.796	85598376	130.8E6	186.232	188.980
31) L7 AR-1260-1	6.043	5.293	55577835	82045847	124.197	164.445 #
32) L7 AR-1260-2	6.300	5.482	68684980	96275353	134.436	158.772
33) L7 AR-1260-3	6.652	5.625	43359160	92342077	113.288	156.199 #
34) L7 AR-1260-4	6.867	6.089	46604436	62319701	111.455	125.802
35) L7 AR-1260-5	7.175	6.333	88657132	143.7E6	106.529	125.106

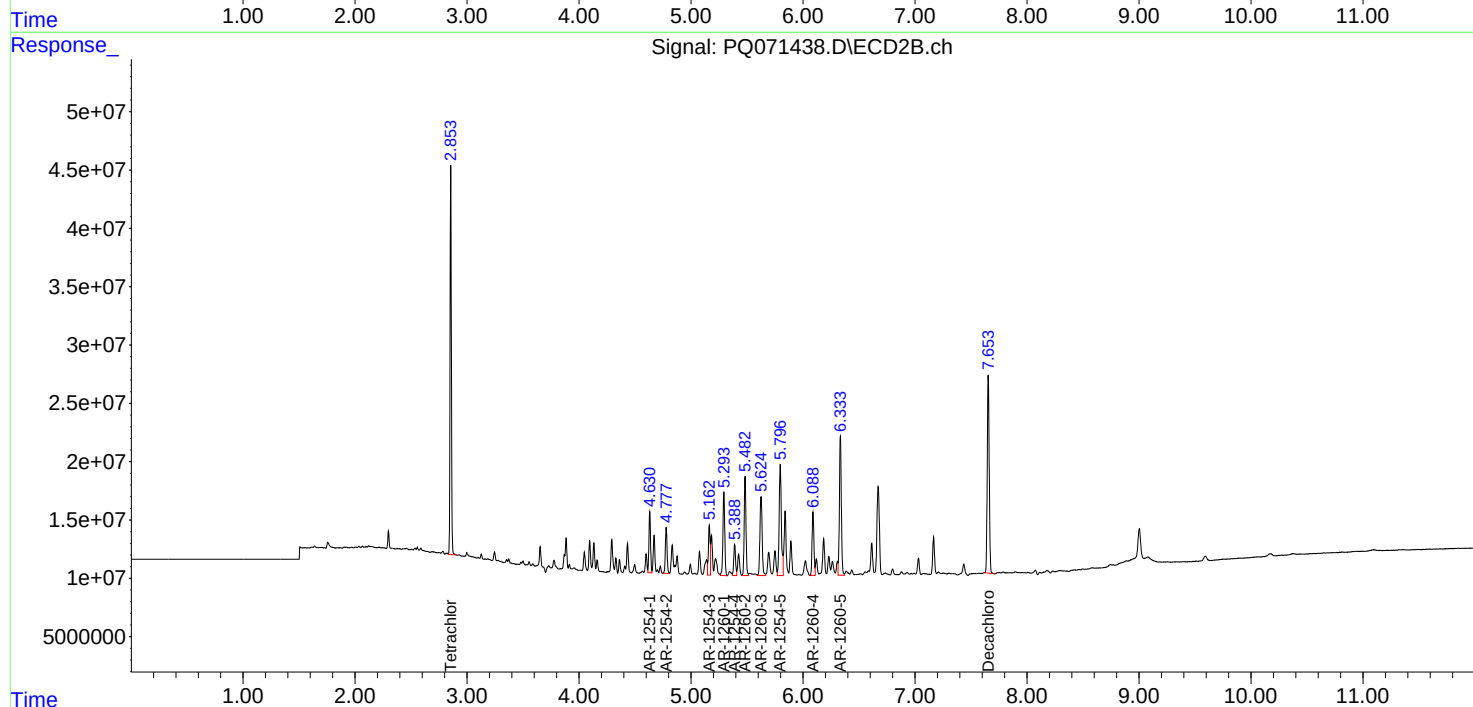
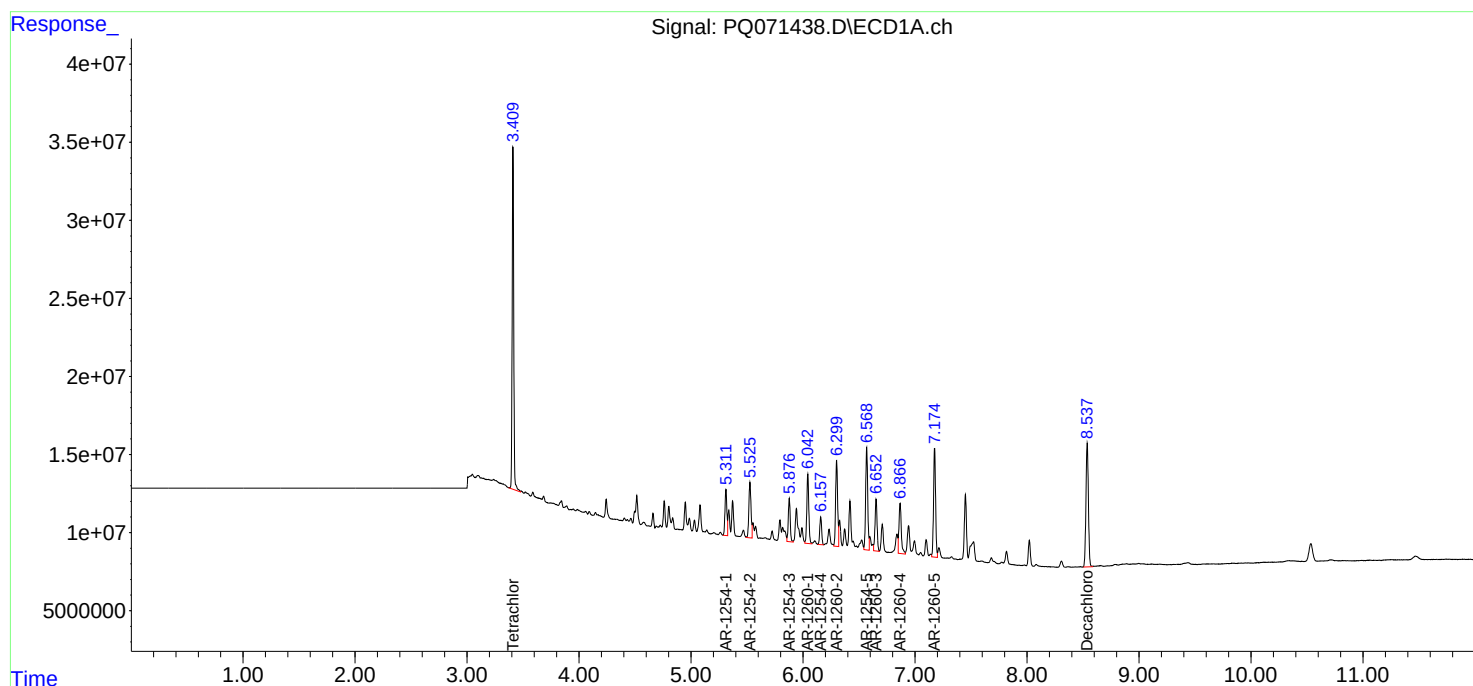
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

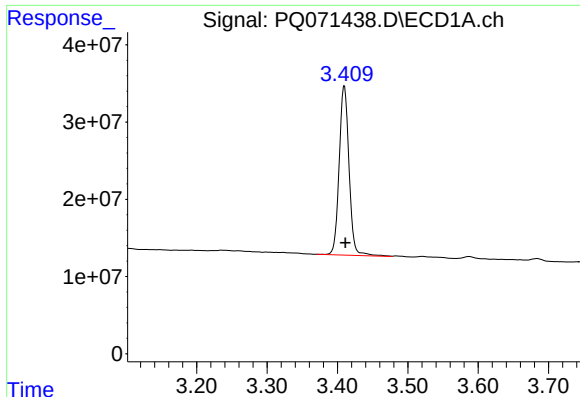
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:41
Operator : YP\AJ
Sample : Q3674-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:39:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

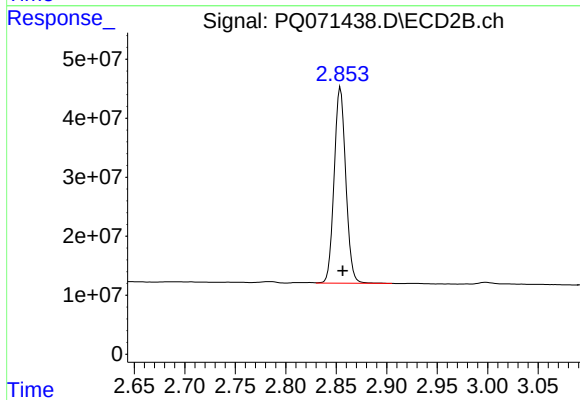




#1 Tetrachloro-m-xylene

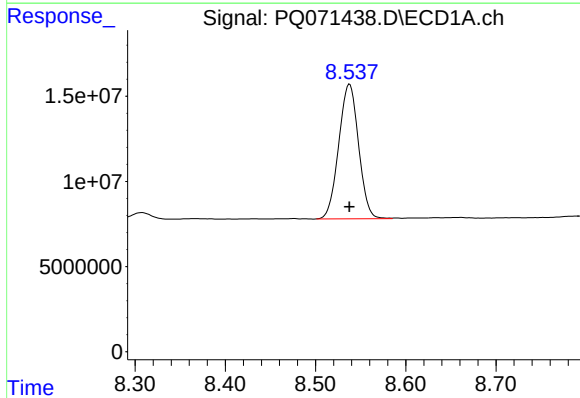
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 213336796
Conc: 24.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



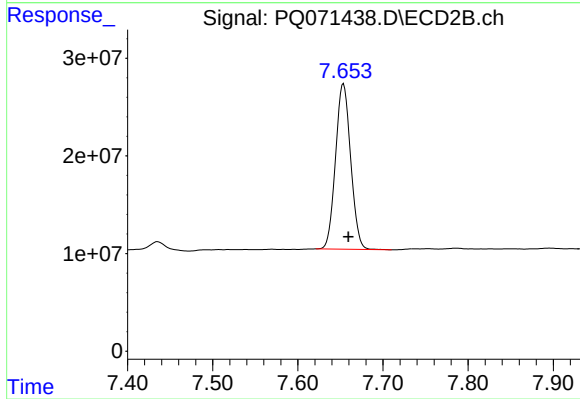
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 266903706
Conc: 28.59 ng/ml



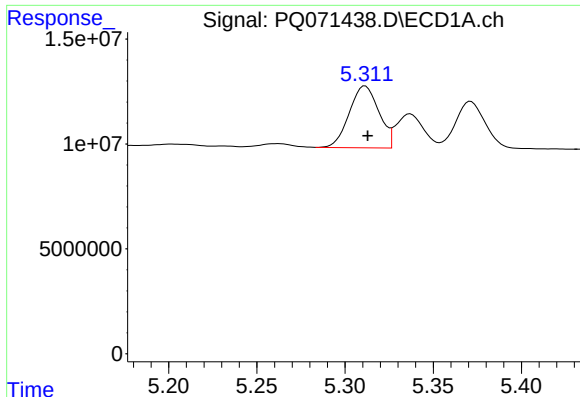
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 120886165
Conc: 19.31 ng/ml



#2 Decachlorobiphenyl

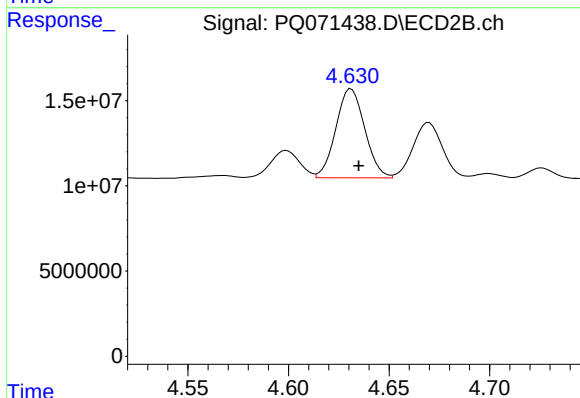
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 209195841
Conc: 22.89 ng/ml



#26 AR-1254-1

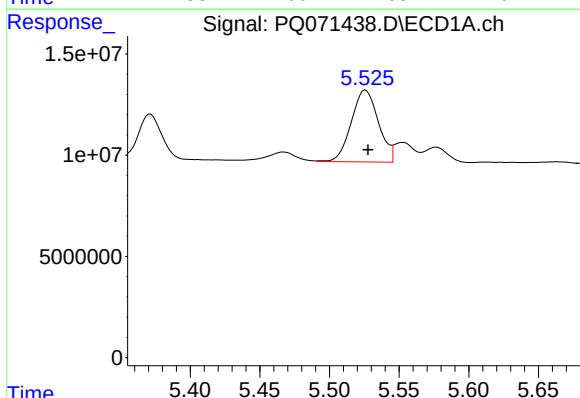
R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 34469223
Conc: 99.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



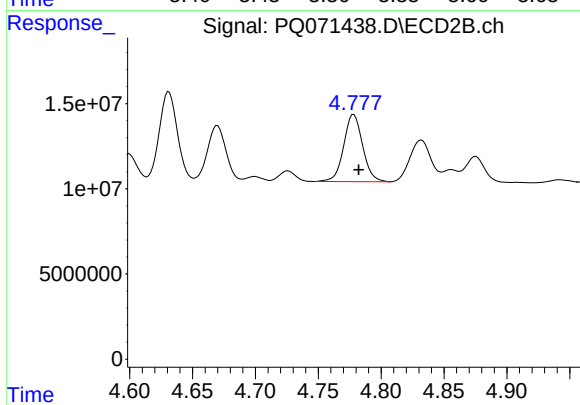
#26 AR-1254-1

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 52084026
Conc: 97.20 ng/ml



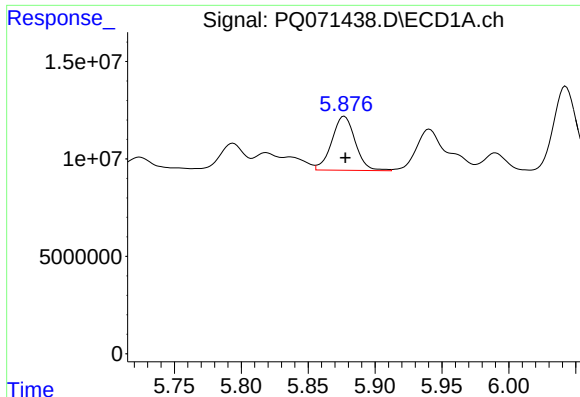
#27 AR-1254-2

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 48021011
Conc: 88.63 ng/ml



#27 AR-1254-2

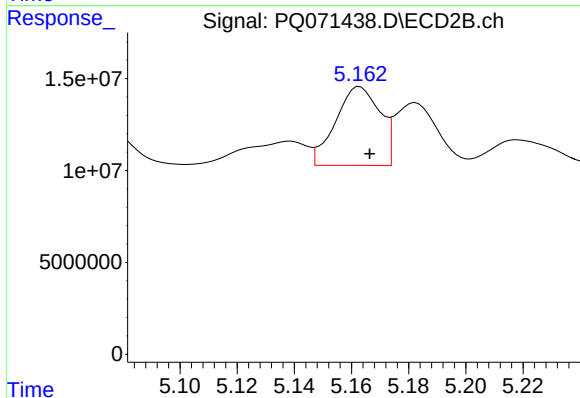
R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 41375614
Conc: 90.19 ng/ml



#28 AR-1254-3

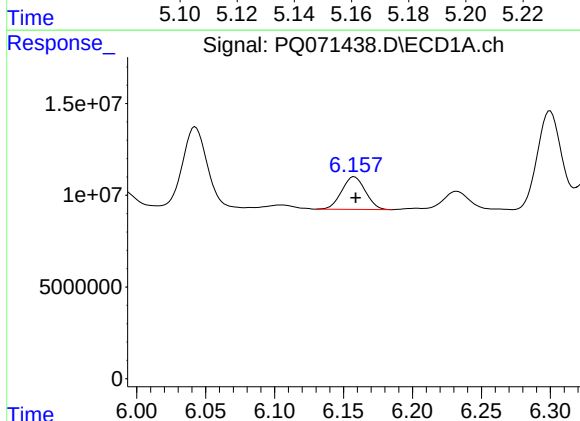
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 33811384
Conc: 58.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



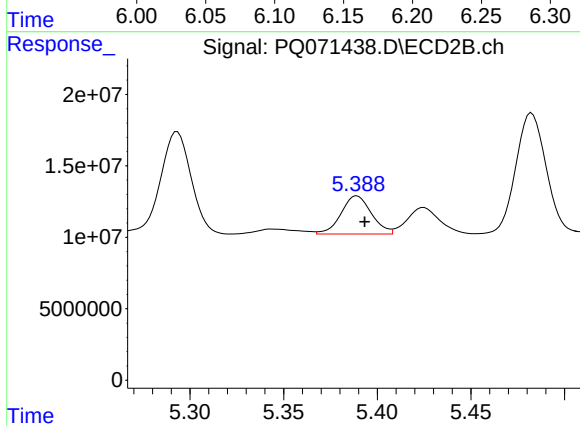
#28 AR-1254-3

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 46063254
Conc: 60.67 ng/ml



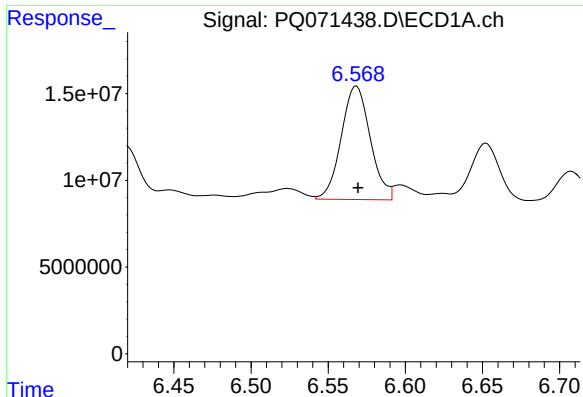
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 21064132
Conc: 49.86 ng/ml



#29 AR-1254-4

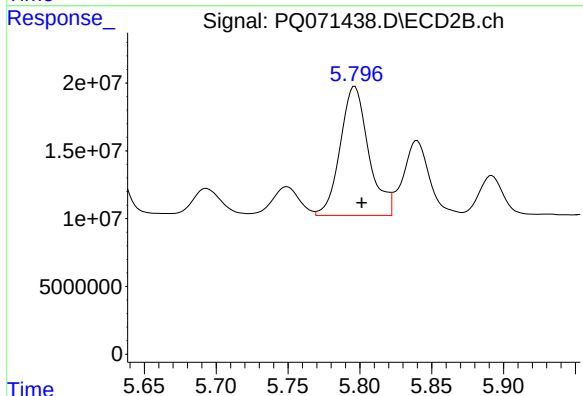
R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 30085925
Conc: 60.19 ng/ml



#30 AR-1254-5

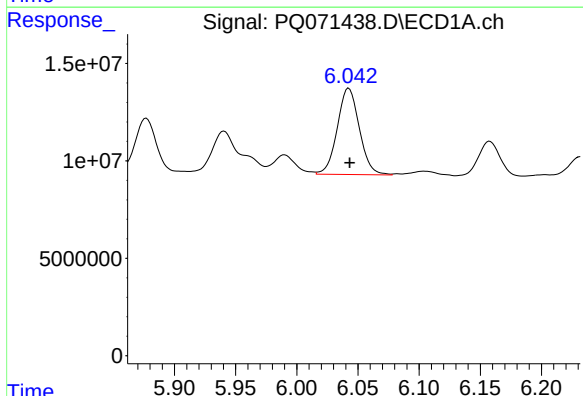
R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 85598376
Conc: 186.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



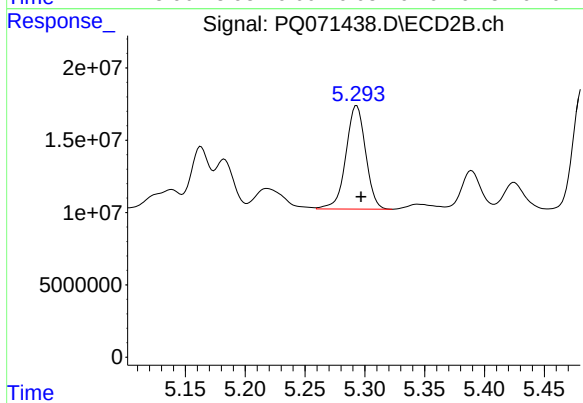
#30 AR-1254-5

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 130817543
Conc: 188.98 ng/ml



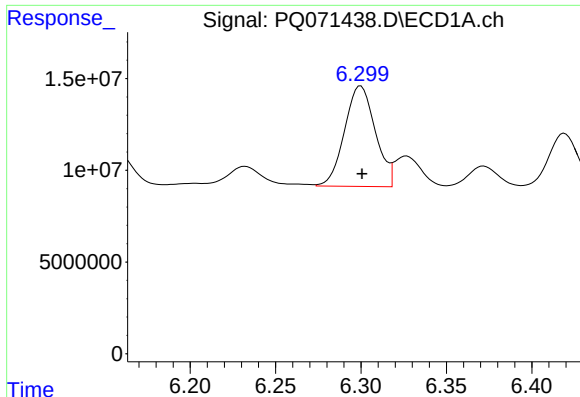
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 55577835
Conc: 124.20 ng/ml



#31 AR-1260-1

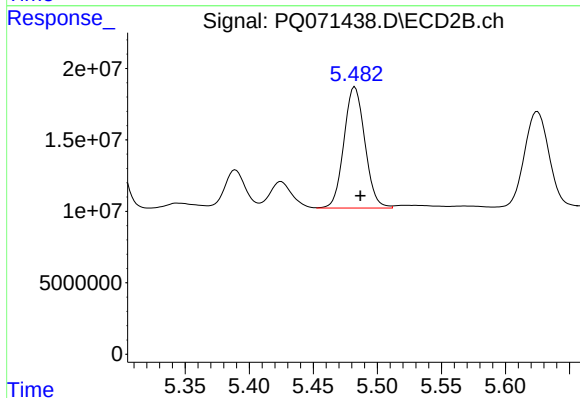
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 82045847
Conc: 164.44 ng/ml



#32 AR-1260-2

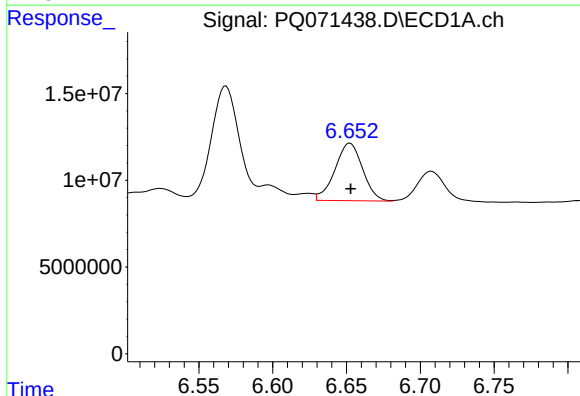
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 68684980
Conc: 134.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



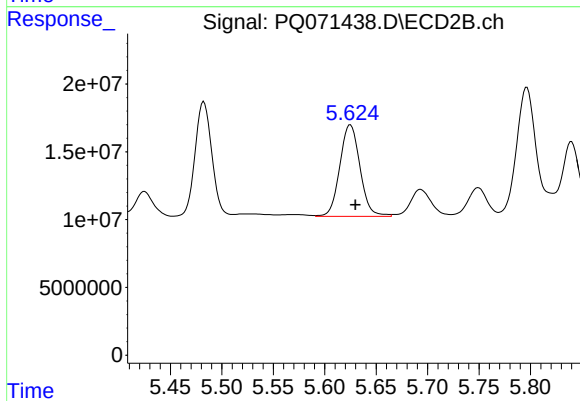
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 96275353
Conc: 158.77 ng/ml



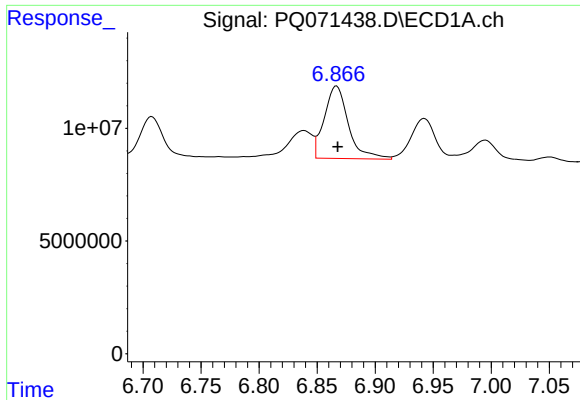
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 43359160
Conc: 113.29 ng/ml



#33 AR-1260-3

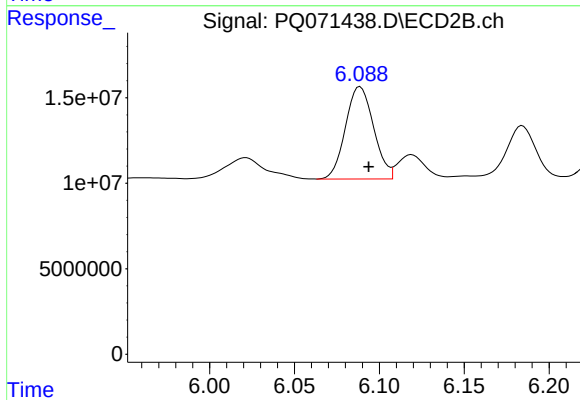
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 92342077
Conc: 156.20 ng/ml



#34 AR-1260-4

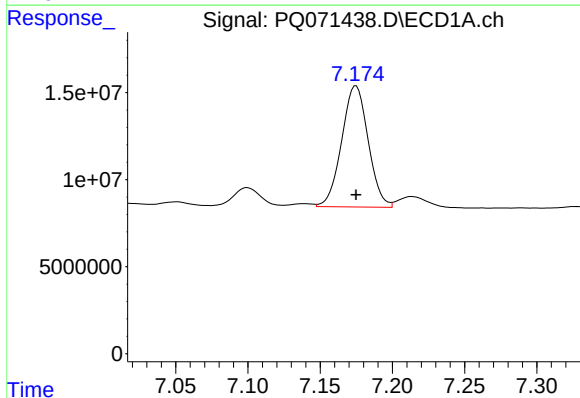
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 46604436
Conc: 111.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ6



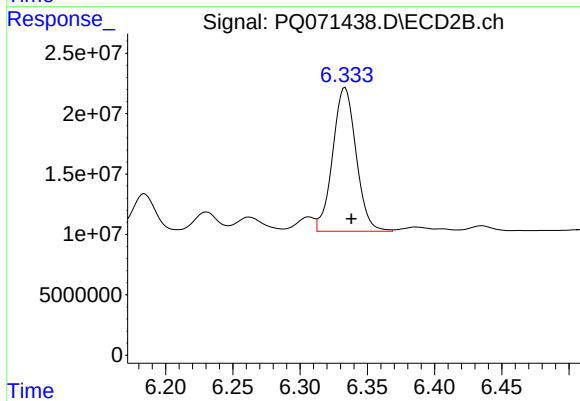
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 62319701
Conc: 125.80 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 88657132
Conc: 106.53 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 143657604
Conc: 125.11 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AJ7		SDG No.:	Q3674
Lab Sample ID:	Q3674-09		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.4
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/21/25 15:55	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 15:55	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 15:55	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 15:55	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 15:55	PB170671
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 15:55	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 15:55	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 15:55	PB170671
11096-82-5	Aroclor-1260	13.6	J	1	3.80	20.1	ug/kg	11/21/25 15:55	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.0			21 - 165	135%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			10 - 170	100%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:55
Operator : YP\AJ
Sample : Q3674-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	198.7E6	252.2E6	22.825	27.014
2) SA Decachlor...	8.536	7.654	104.6E6	182.4E6	16.705	19.960
Target Compounds						
31) L7 AR-1260-1	6.042	5.293	9168119	10951843	20.488	21.951
32) L7 AR-1260-2	6.299	5.482	21254033	29661598	41.600	48.916
33) L7 AR-1260-3	6.652	5.625	14404207	19929026	37.635	33.710m
34) L7 AR-1260-4	6.867	6.089	9782712	14442011	23.396	29.153
35) L7 AR-1260-5	7.173	6.333	23558581	44703263	28.308	38.930 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:55
Operator : YP\AJ
Sample : Q3674-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ7

Manual Integrations

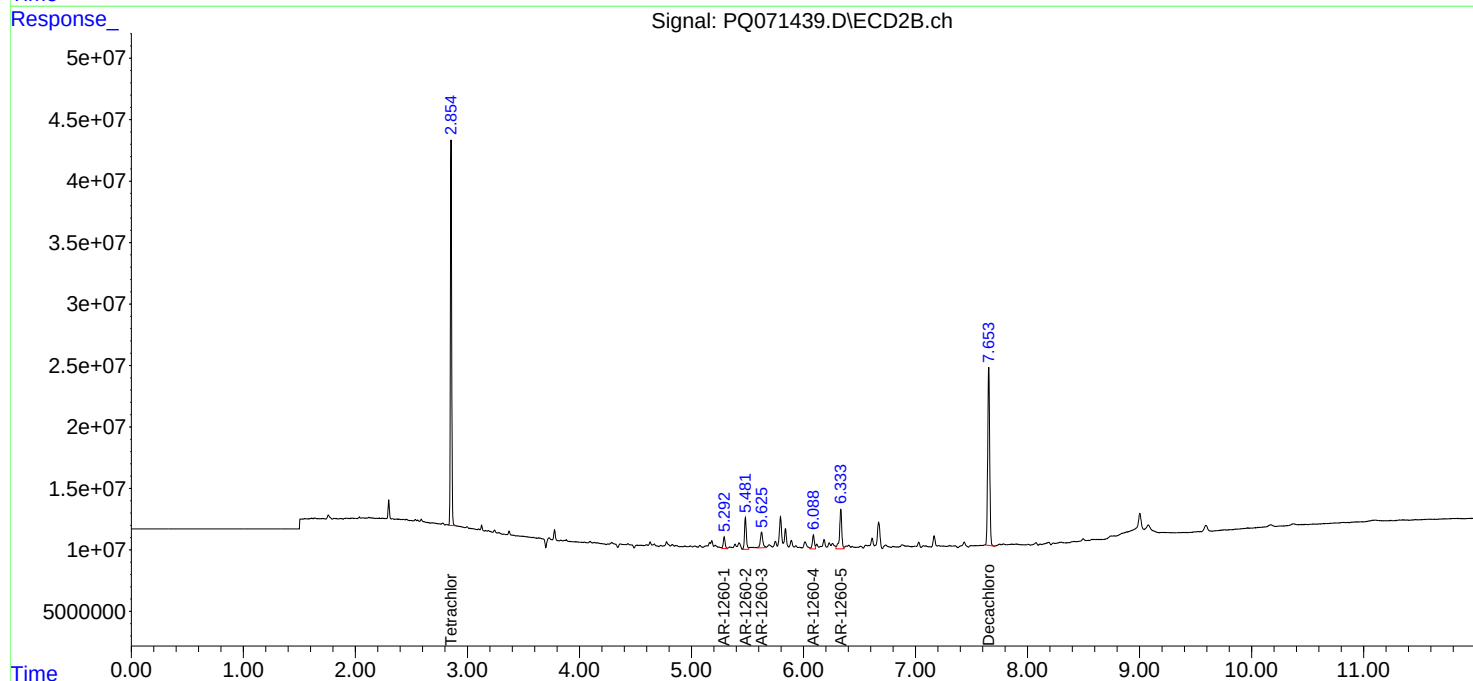
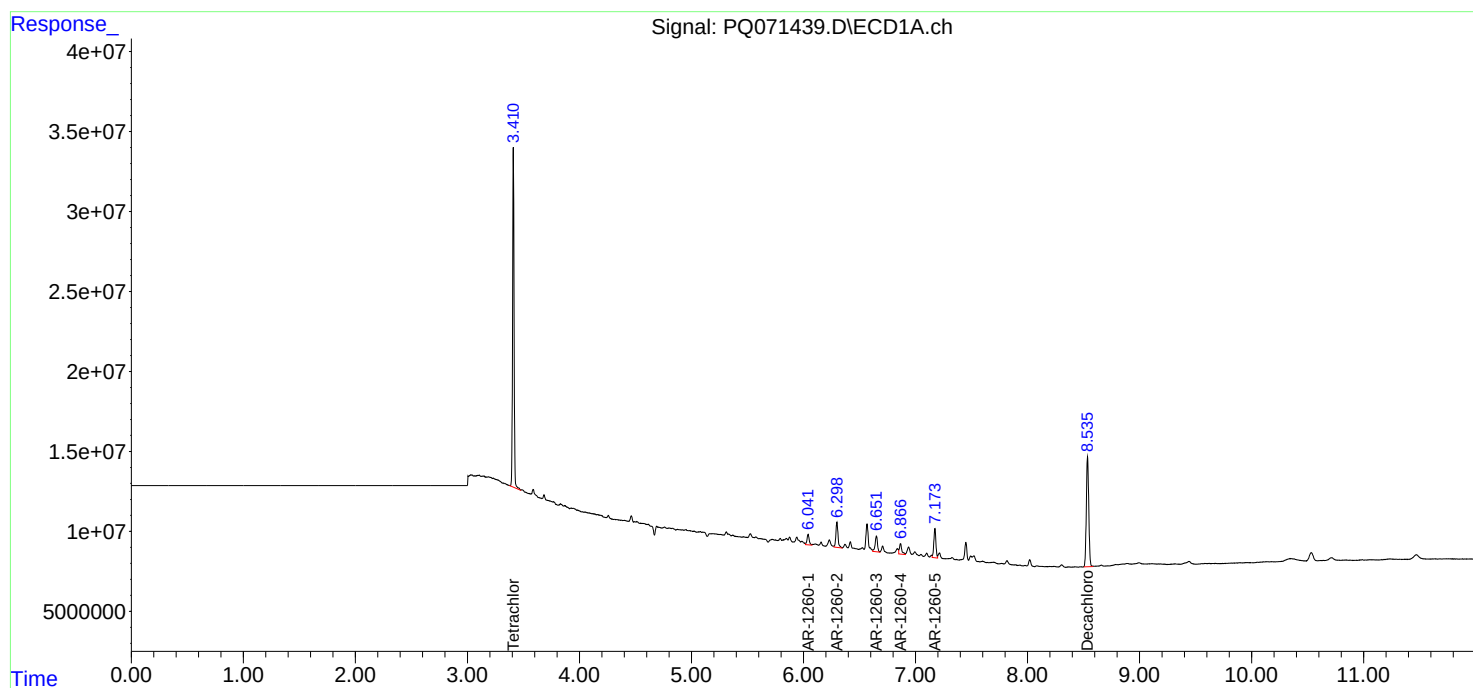
APPROVED

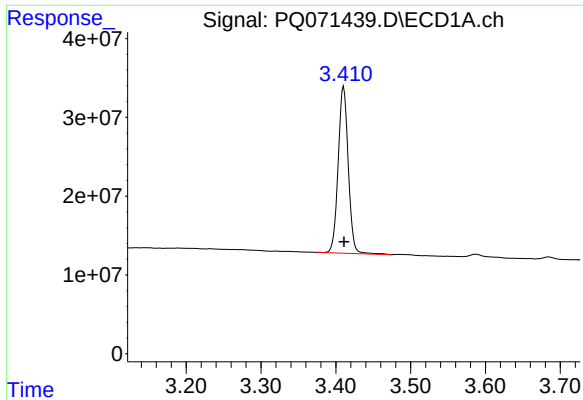
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





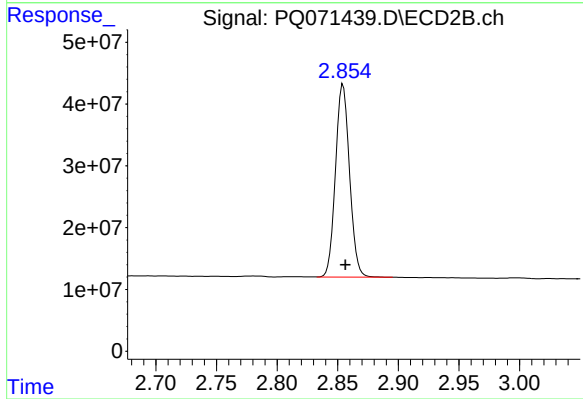
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 198698881
Conc: 22.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

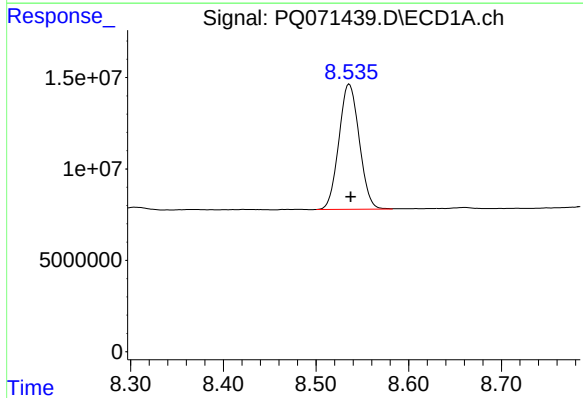
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



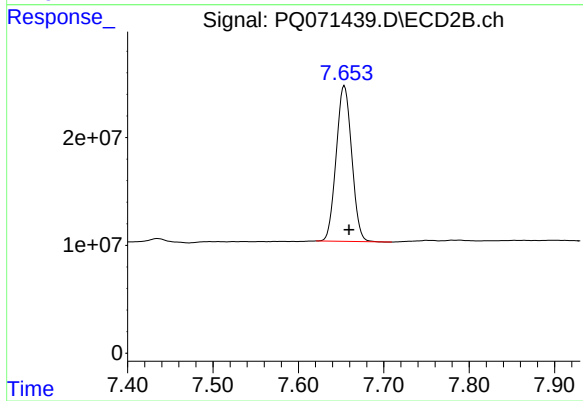
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 252219374
Conc: 27.01 ng/ml



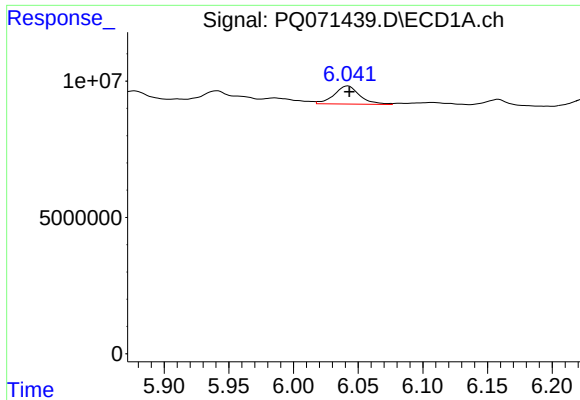
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 104600374
Conc: 16.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 182391289
Conc: 19.96 ng/ml



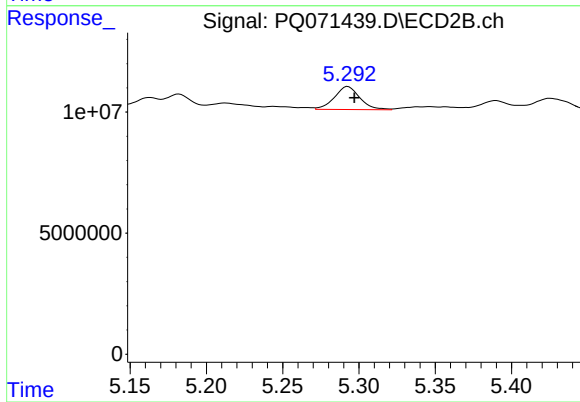
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 9168119
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

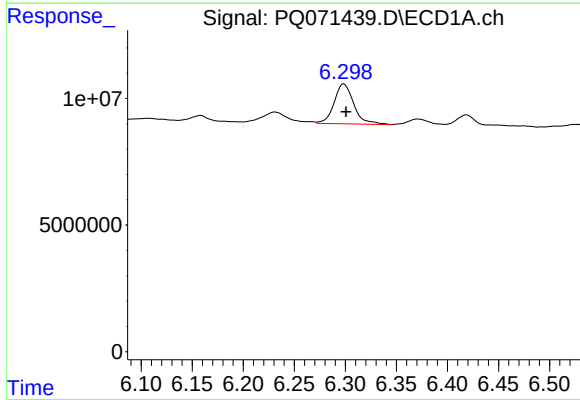
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



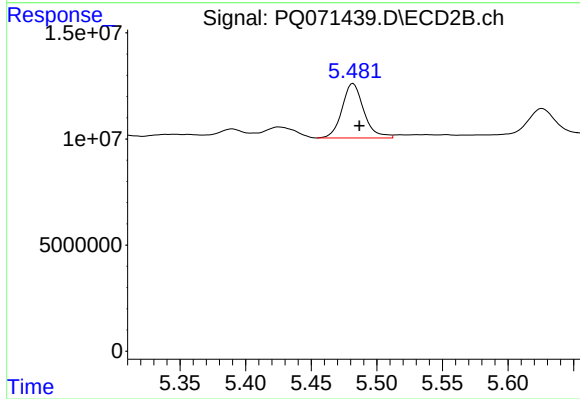
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 10951843
Conc: 21.95 ng/ml



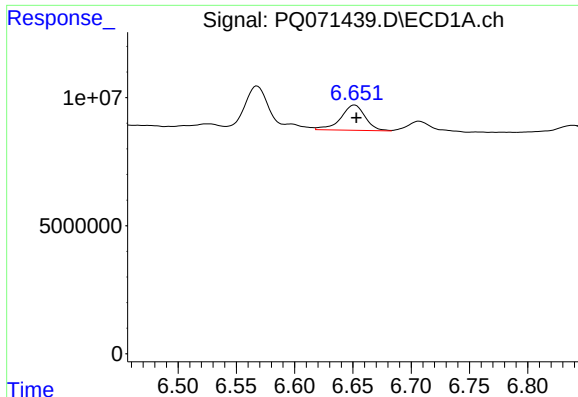
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 21254033
Conc: 41.60 ng/ml



#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 29661598
Conc: 48.92 ng/ml



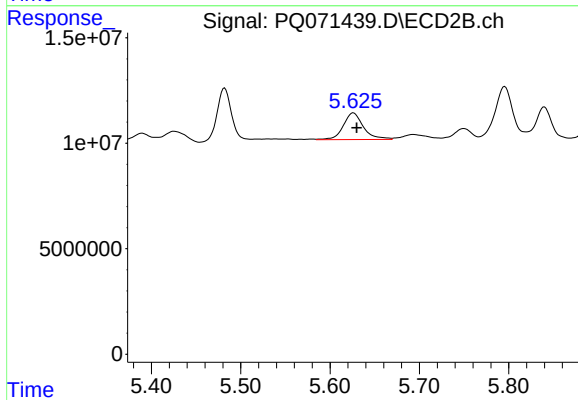
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 14404207
Conc: 37.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

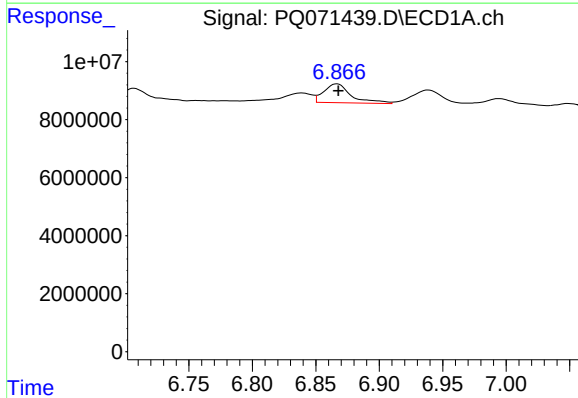
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



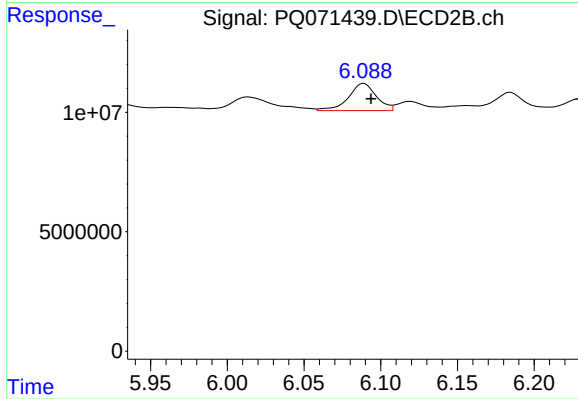
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 19929026
Conc: 33.71 ng/ml m



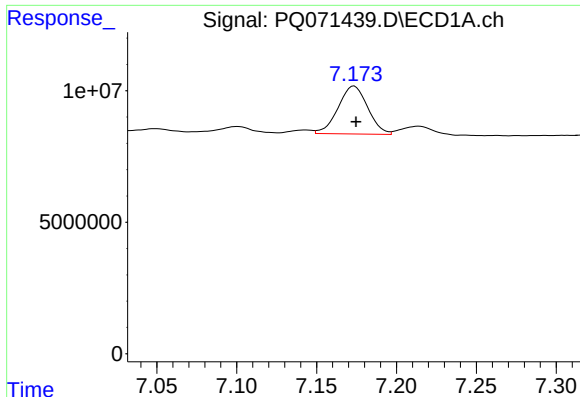
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 9782712
Conc: 23.40 ng/ml



#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 14442011
Conc: 29.15 ng/ml



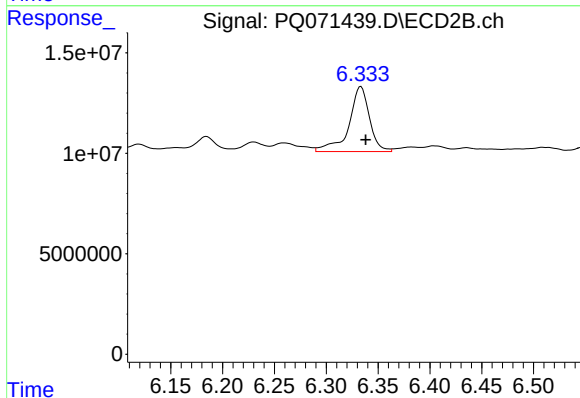
#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 23558581
Conc: 28.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 44703263
Conc: 38.93 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ8	SDG No.: Q3674	
Lab Sample ID: Q3674-10	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.3	
Sample Wt/Vol: 30.09 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.1	U	1	4.70	20.1	ug/kg	11/21/25 18:21	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 18:21	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 18:21	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 18:21	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 18:21	PB170671
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 18:21	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 18:21	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 18:21	PB170671
11096-82-5	Aroclor-1260	42.5		1	3.80	20.1	ug/kg	11/21/25 18:21	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			21 - 165	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.7			10 - 170	93%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:21
Operator : YP\AJ
Sample : Q3674-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:42:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	181.2E6	228.8E6	20.814	24.504
2) SA Decachlor...	8.536	7.653	98978081	170.8E6	15.807	18.688
Target Compounds						
31) L7 AR-1260-1	6.042	5.293	21997255	37368410	49.156	74.898 #
32) L7 AR-1260-2	6.299	5.482	59178640	85124730	115.829	140.383
33) L7 AR-1260-3	6.651	5.626	49142819	58175602	128.399	98.405
34) L7 AR-1260-4	6.866	6.089	40055656	55082135	95.794	111.192
35) L7 AR-1260-5	7.174	6.333	75942844	130.5E6	91.251	113.683

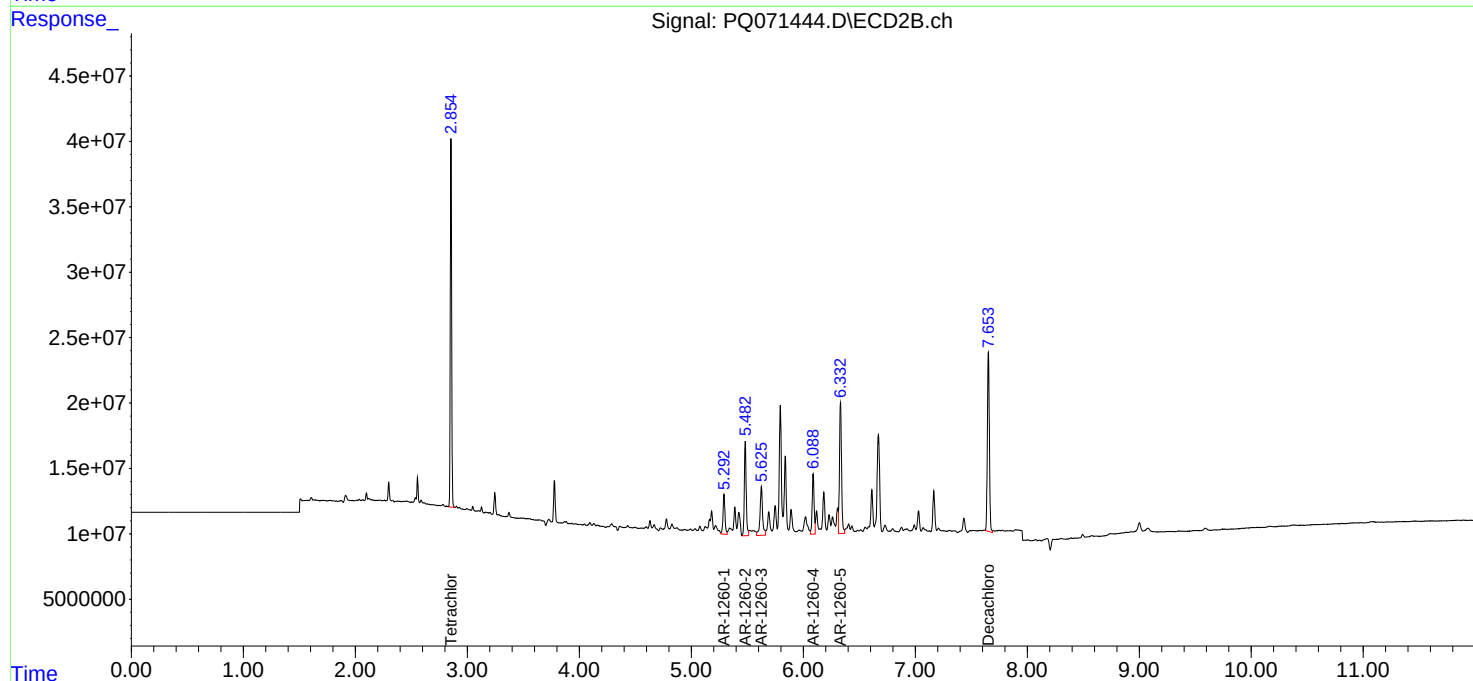
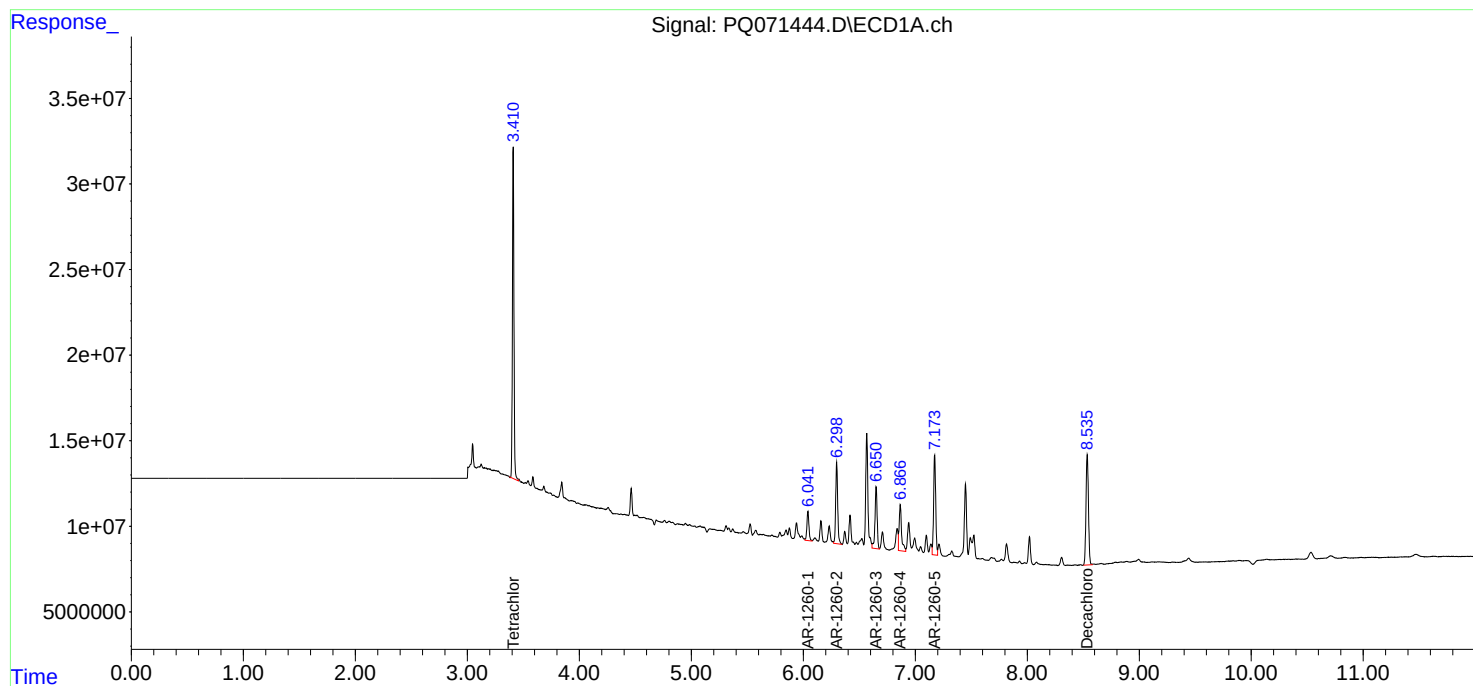
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:21
Operator : YP\AJ
Sample : Q3674-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:42:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PQ071444.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 181189012
Conc: 20.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ8

Time 3.20 3.30 3.40 3.50 3.60

Response_ Signal: PQ071444.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 228782647
Conc: 24.50 ng/ml

Time 2.70 2.75 2.80 2.85 2.90 2.95 3.00

Response_ Signal: PQ071444.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 98978081
Conc: 15.81 ng/ml

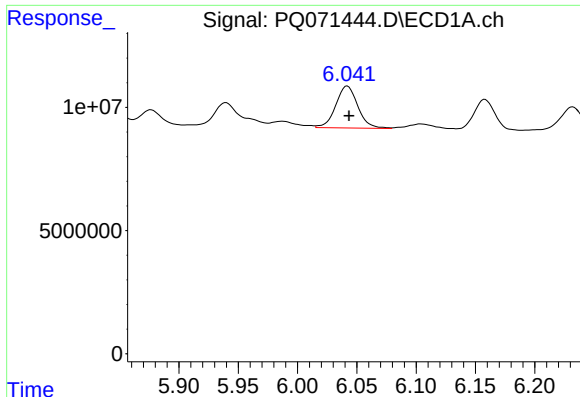
Time 8.30 8.40 8.50 8.60 8.70

Response_ Signal: PQ071444.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 170760680
Conc: 18.69 ng/ml

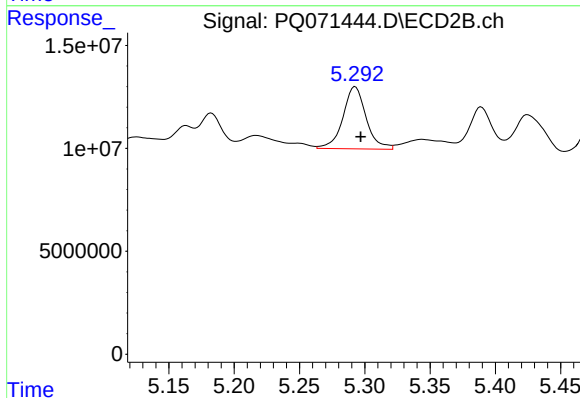
Time 7.50 7.55 7.60 7.65 7.70 7.75 7.80



#31 AR-1260-1

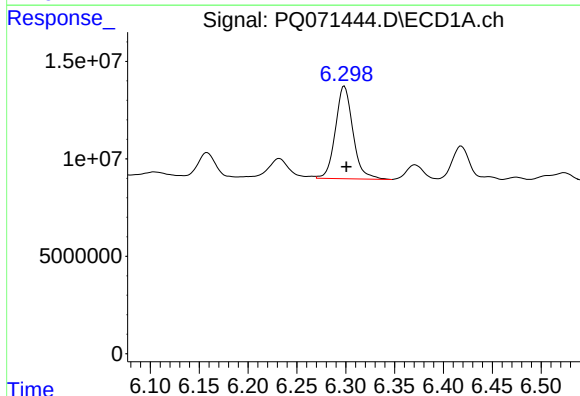
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 21997255
Conc: 49.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ8



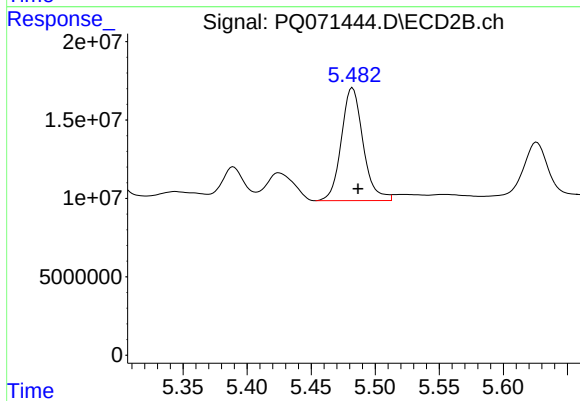
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 37368410
Conc: 74.90 ng/ml



#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 59178640
Conc: 115.83 ng/ml

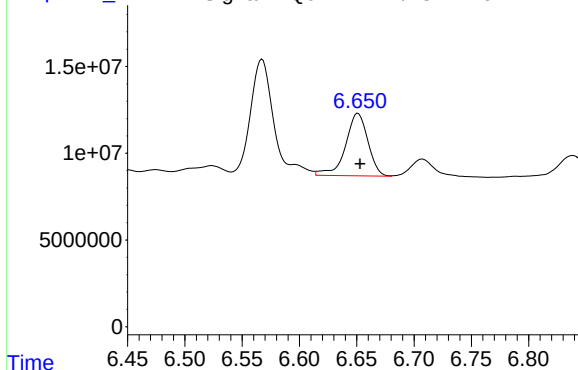


#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 85124730
Conc: 140.38 ng/ml

Response_ Signal: PQ071444.D\ECD1A.ch

#33 AR-1260-3

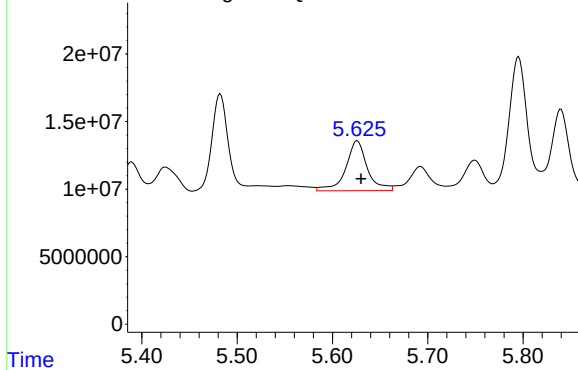


R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 49142819
Conc: 128.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ8

Response_ Signal: PQ071444.D\ECD2B.ch

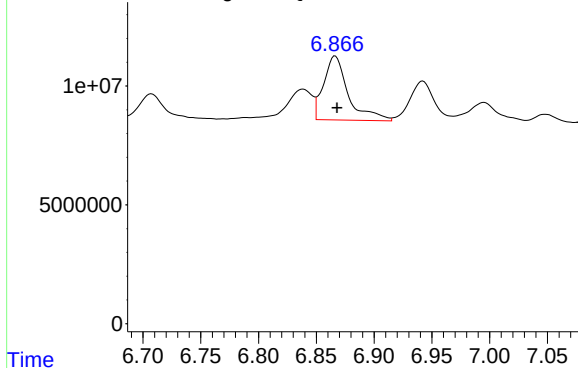
#33 AR-1260-3



R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 58175602
Conc: 98.41 ng/ml

Response_ Signal: PQ071444.D\ECD1A.ch

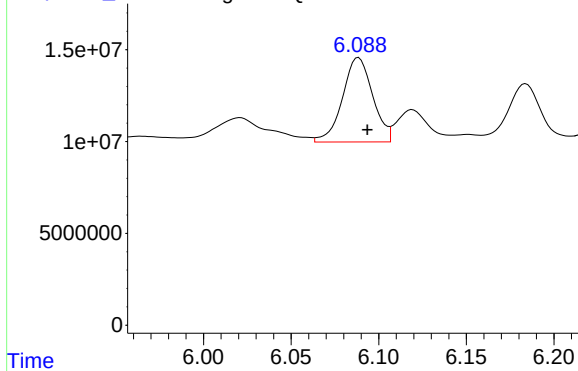
#34 AR-1260-4



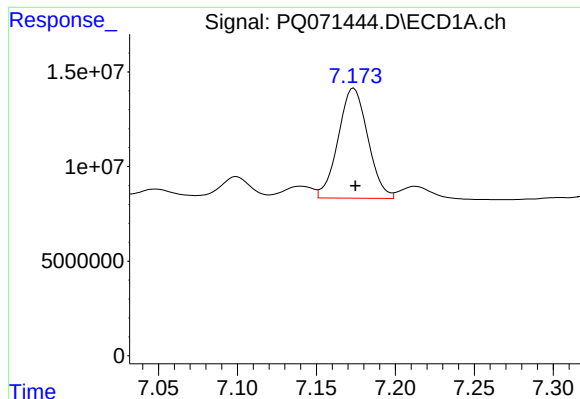
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 40055656
Conc: 95.79 ng/ml

Response_ Signal: PQ071444.D\ECD2B.ch

#34 AR-1260-4



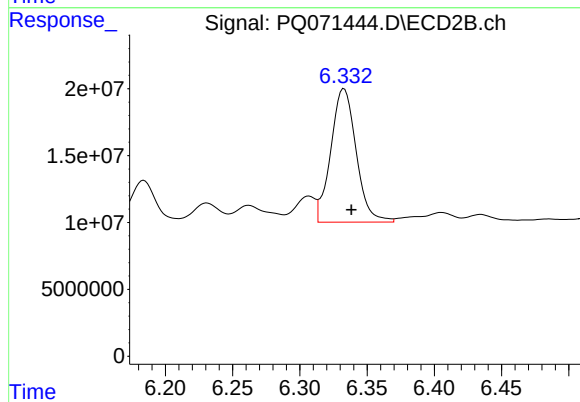
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 55082135
Conc: 111.19 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 75942844
Conc: 91.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ8



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 130540093
Conc: 113.68 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AJ9		SDG No.:	Q3674
Lab Sample ID:	Q3674-11		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	83.3
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 18:36	PB170671
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 18:36	PB170671
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 18:36	PB170671
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 18:36	PB170671
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/21/25 18:36	PB170671
11097-69-1	Aroclor-1254	20.4	U	1	3.80	20.4	ug/kg	11/21/25 18:36	PB170671
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 18:36	PB170671
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 18:36	PB170671
11096-82-5	Aroclor-1260	11.5	J	1	3.90	20.4	ug/kg	11/21/25 18:36	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.9			10 - 170	70%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 18:36
 Operator : YP\AJ
 Sample : Q3674-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:42:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.409	2.854	190.2E6	199.9E6	21.855	21.413
2) SA Decachlor...	8.537	7.654	87146843	118.6E6	13.918	12.980
Target Compounds						
31) L7 AR-1260-1	6.043	5.293	6016214	9028938	13.444	18.097 #
32) L7 AR-1260-2	6.299	5.482	18233678	23096724	35.688	38.090
33) L7 AR-1260-3	6.652	5.626	15321494	14630657	40.032	24.748m#
34) L7 AR-1260-4	6.867	6.087	10643821	11902711	25.455	24.027m
35) L7 AR-1260-5	7.174	6.333	24396106	35987837	29.314	31.340

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:36
Operator : YP\AJ
Sample : Q3674-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AJ9

Manual Integrations

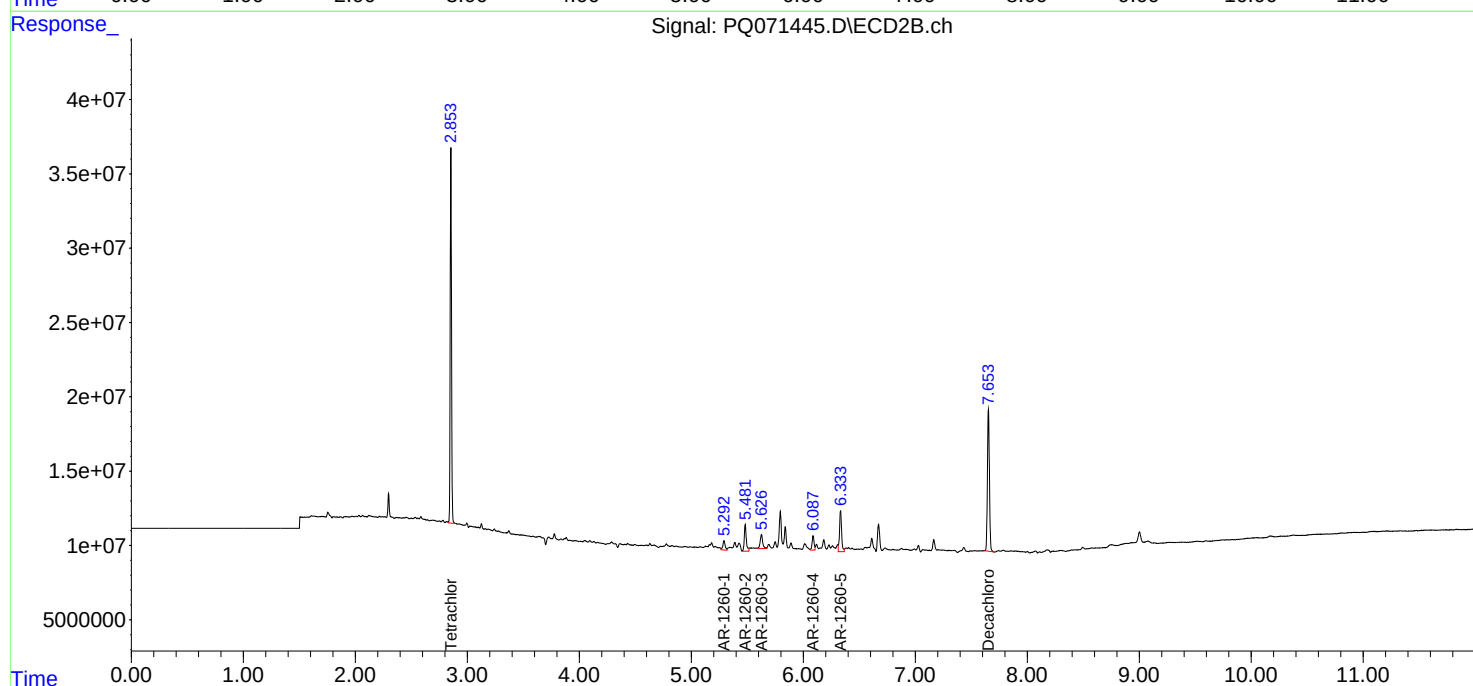
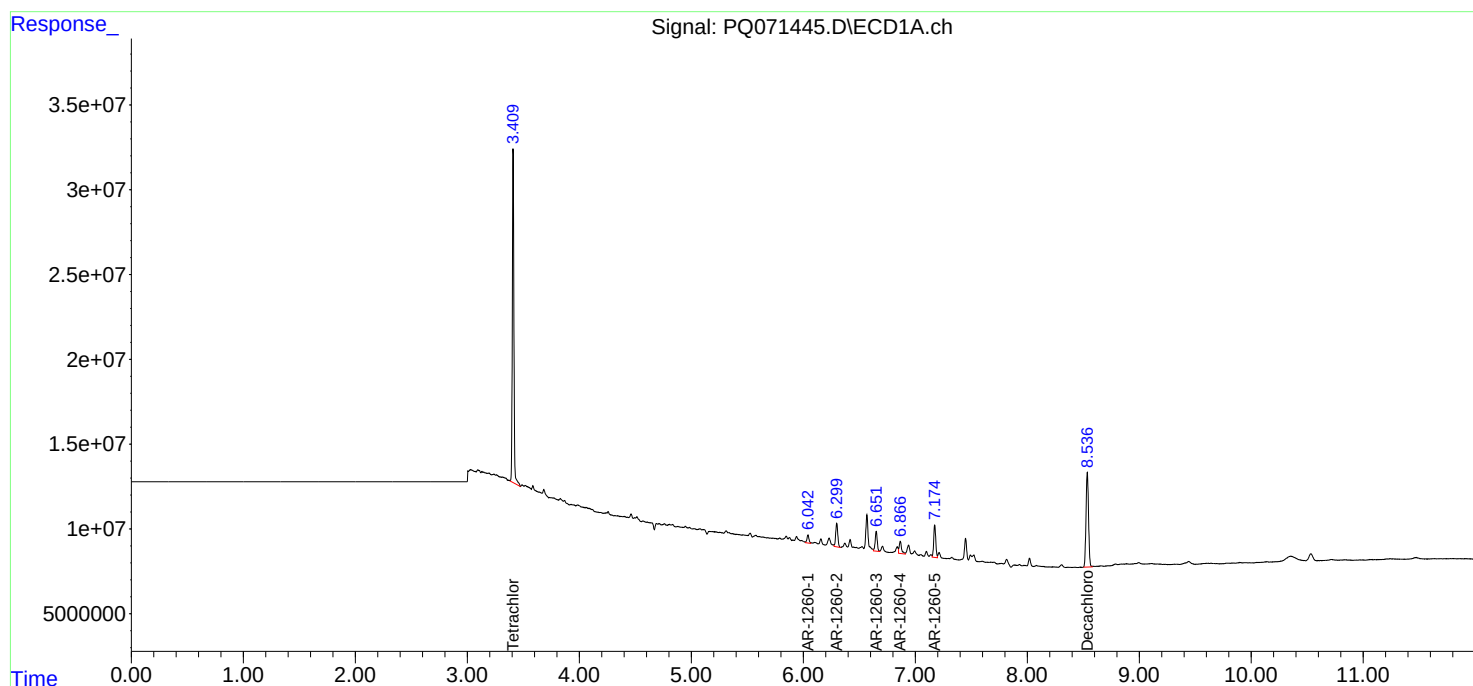
APPROVED

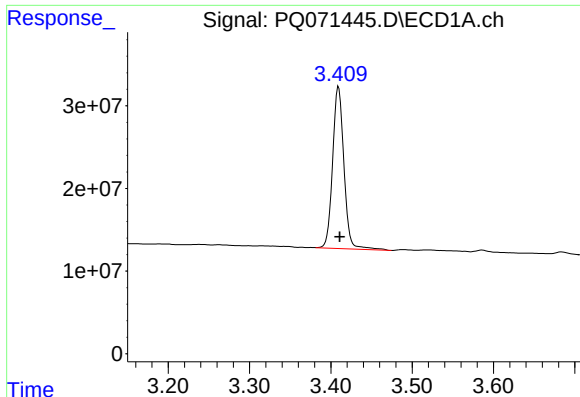
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:42:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





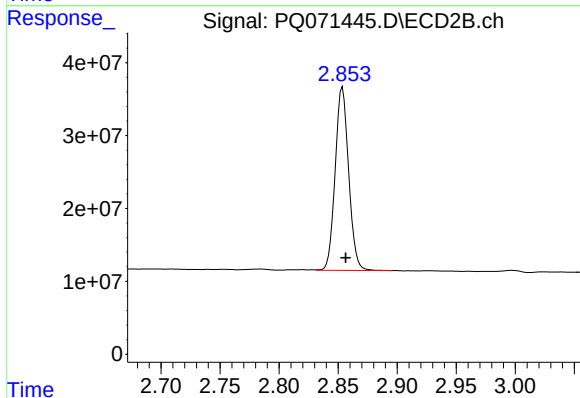
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 190249365
Conc: 21.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ9

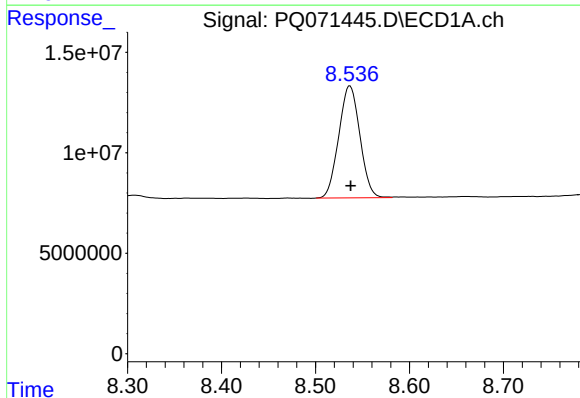
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



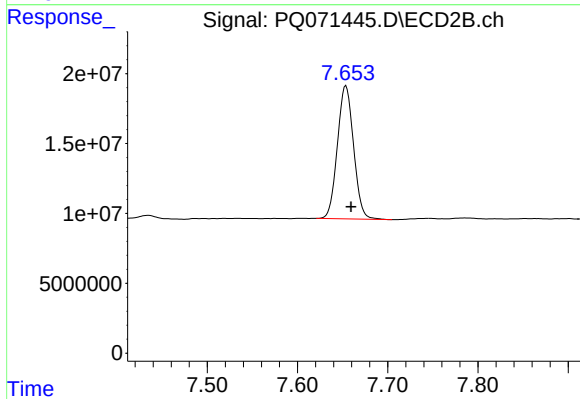
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 199930672
Conc: 21.41 ng/ml



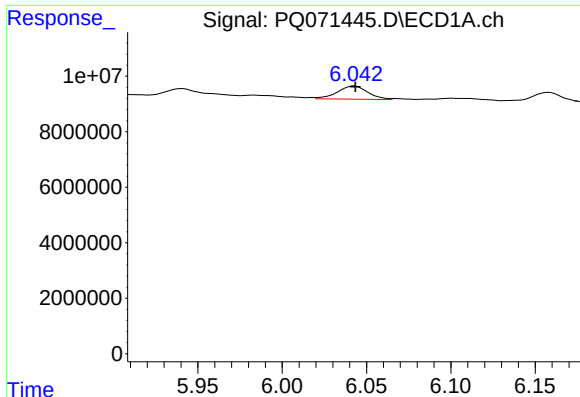
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 87146843
Conc: 13.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 118603498
Conc: 12.98 ng/ml



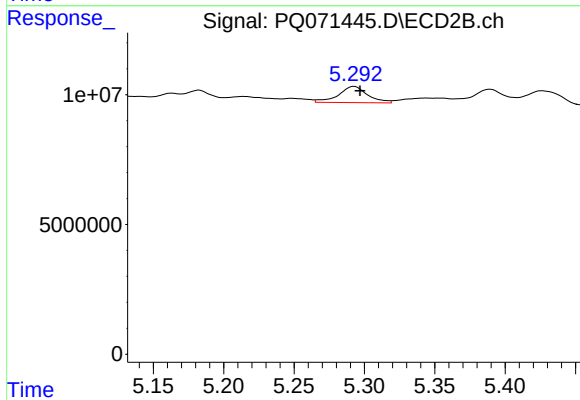
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 6016214
Conc: 13.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ9

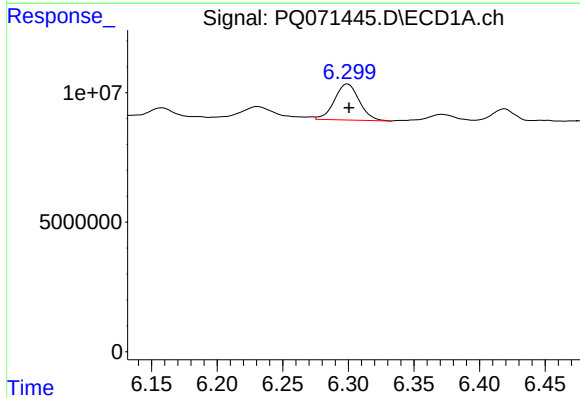
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



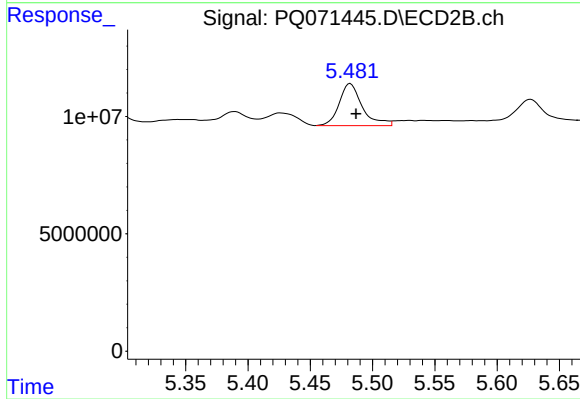
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 9028938
Conc: 18.10 ng/ml



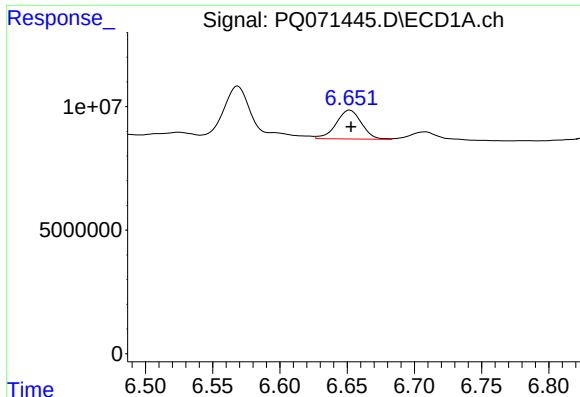
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 18233678
Conc: 35.69 ng/ml



#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 23096724
Conc: 38.09 ng/ml



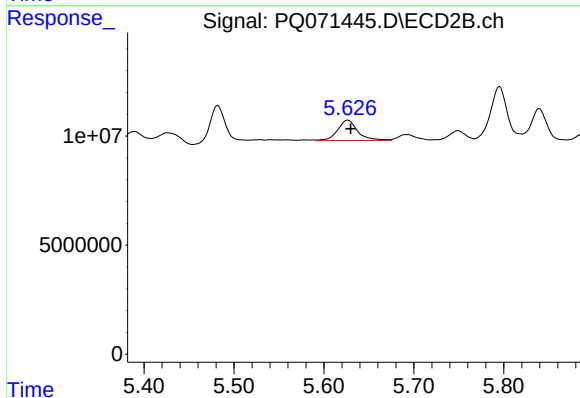
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 15321494
Conc: 40.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ9

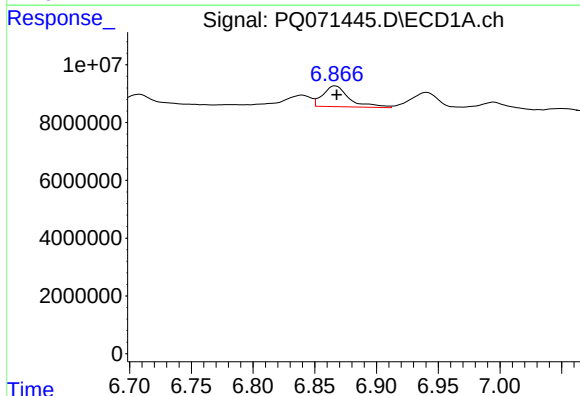
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



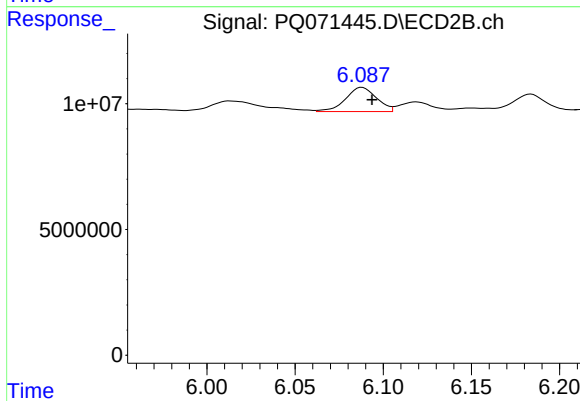
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 14630657
Conc: 24.75 ng/ml m



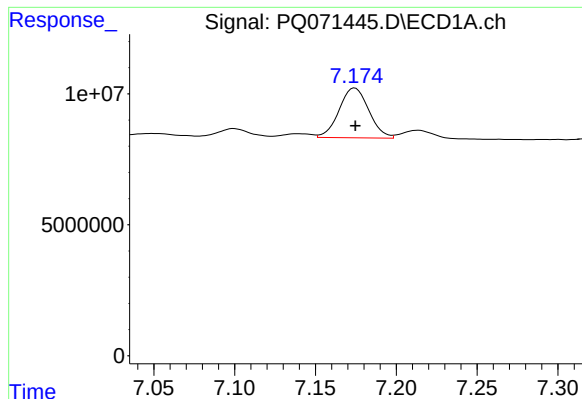
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 10643821
Conc: 25.45 ng/ml



#34 AR-1260-4

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 11902711
Conc: 24.03 ng/ml m



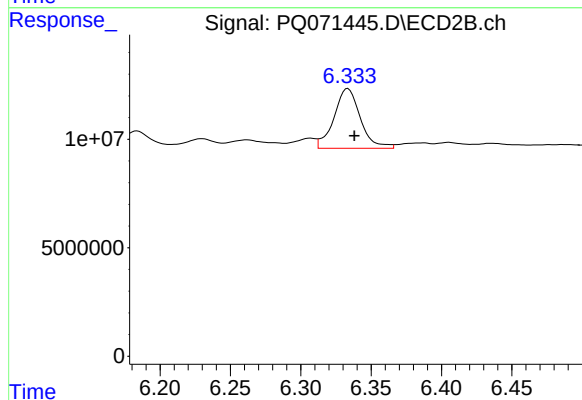
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 24396106
Conc: 29.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ9

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 35987837
Conc: 31.34 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AK0	SDG No.: Q3674	
Lab Sample ID: Q3674-12	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 83.2	
Sample Wt/Vol: 30.03 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 18:50	PB170671
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 18:50	PB170671
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 18:50	PB170671
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 18:50	PB170671
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/21/25 18:50	PB170671
11097-69-1	Aroclor-1254	20.4	U	1	3.90	20.4	ug/kg	11/21/25 18:50	PB170671
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 18:50	PB170671
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 18:50	PB170671
11096-82-5	Aroclor-1260	41.1		1	3.90	20.4	ug/kg	11/21/25 18:50	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.5			21 - 165	107%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.3			10 - 170	77%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:50
Operator : YP\AJ
Sample : Q3674-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:42:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	185.4E6	200.5E6	21.295	21.478
2) SA Decachlor...	8.537	7.654	96078903	128.8E6	15.344	14.096
Target Compounds						
31) L7 AR-1260-1	6.042	5.293	38194843	31428837	85.352	62.993 #
32) L7 AR-1260-2	6.300	5.482	69363788	74510063	135.764	122.878
33) L7 AR-1260-3	6.652	5.626	41817631	43703967	109.260	73.926 #
34) L7 AR-1260-4	6.867	6.089	36438038	37493428	87.142	75.686
35) L7 AR-1260-5	7.174	6.334	79624567	106.3E6	95.675	92.585

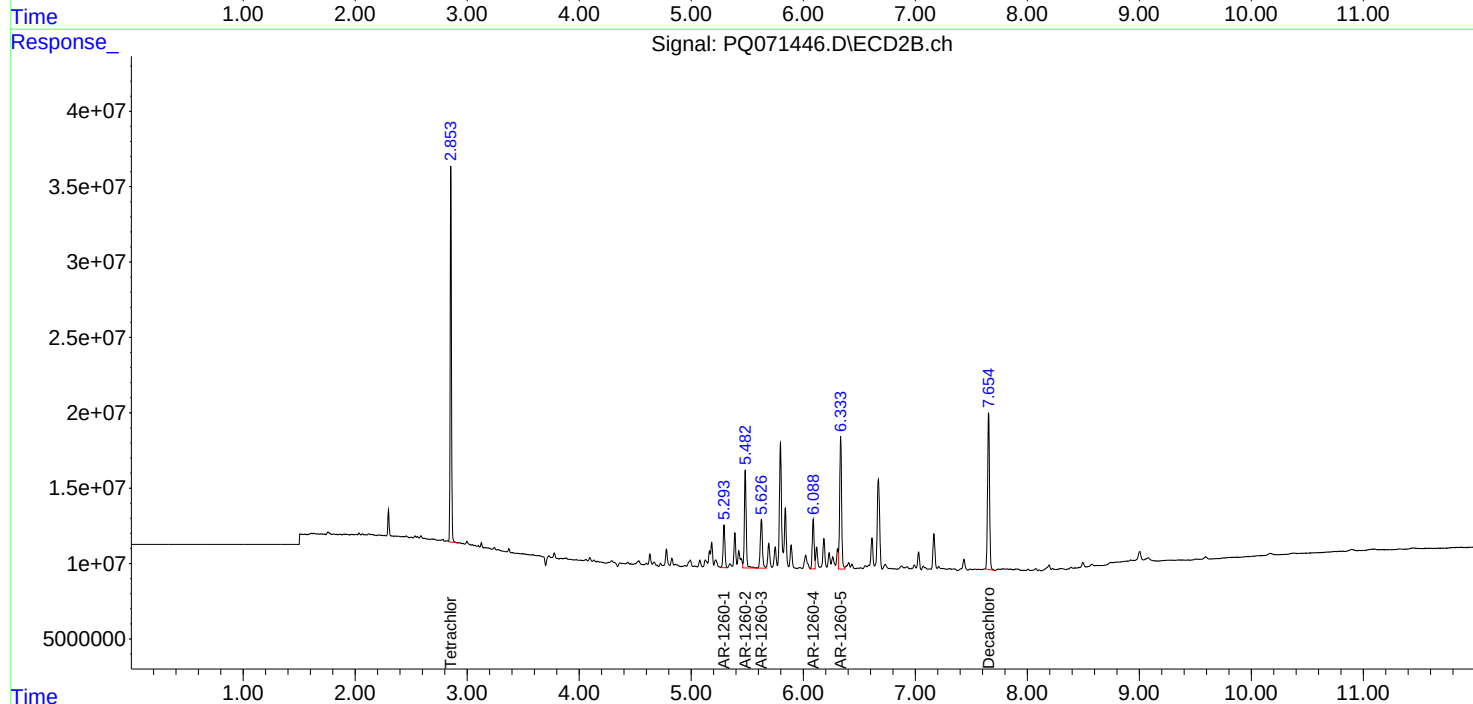
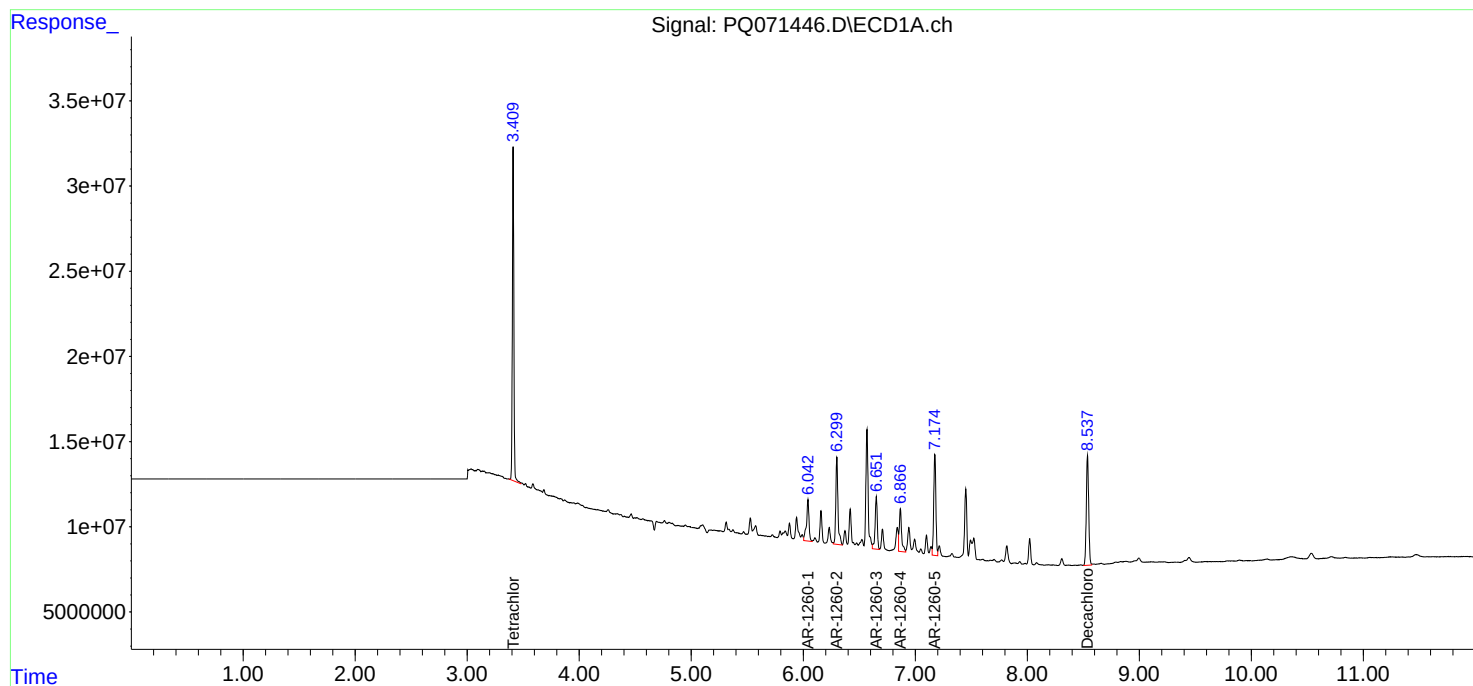
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

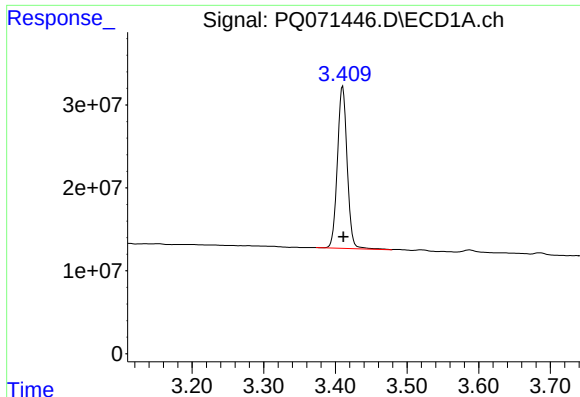
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:50
Operator : YP\AJ
Sample : Q3674-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK0

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:42:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

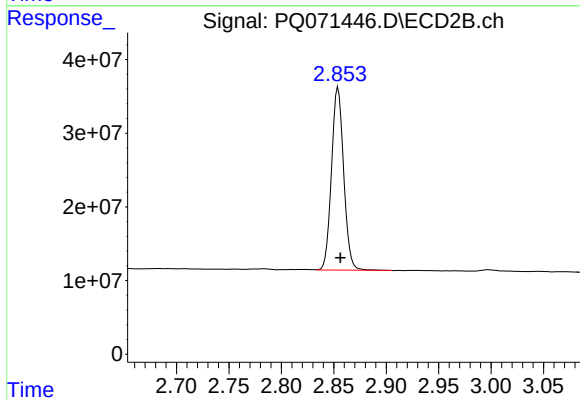




#1 Tetrachloro-m-xylene

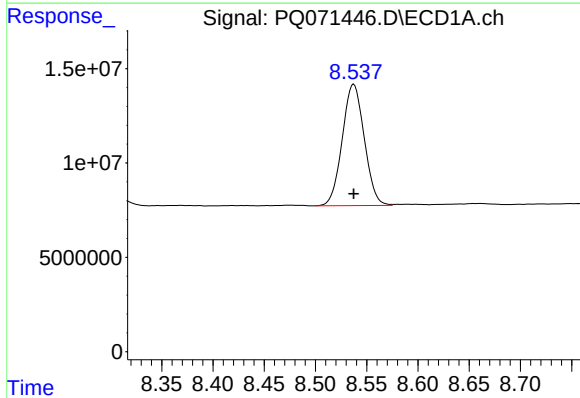
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 185377425
Conc: 21.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK0



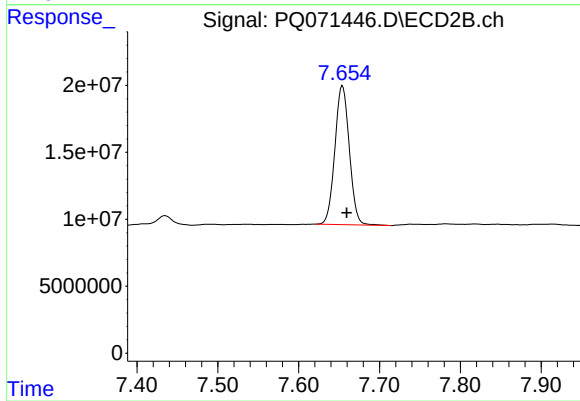
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 200537291
Conc: 21.48 ng/ml



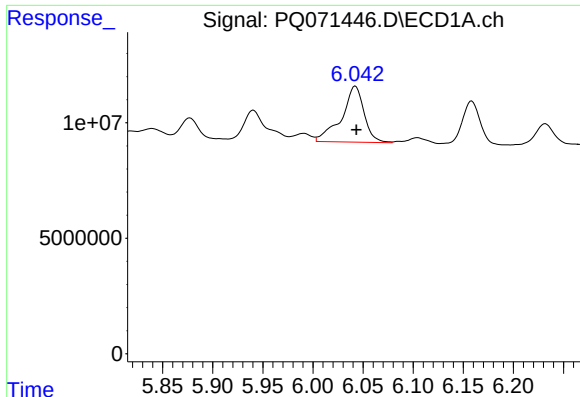
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 96078903
Conc: 15.34 ng/ml



#2 Decachlorobiphenyl

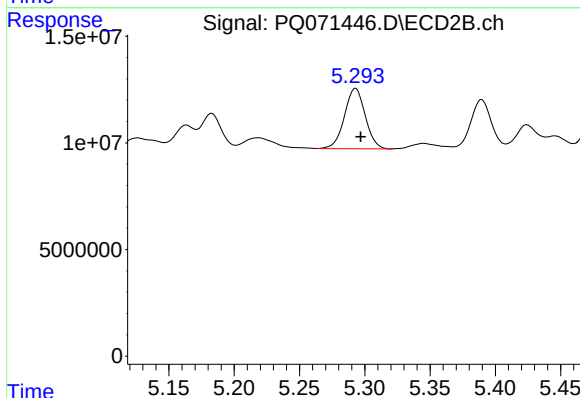
R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 128804402
Conc: 14.10 ng/ml



#31 AR-1260-1

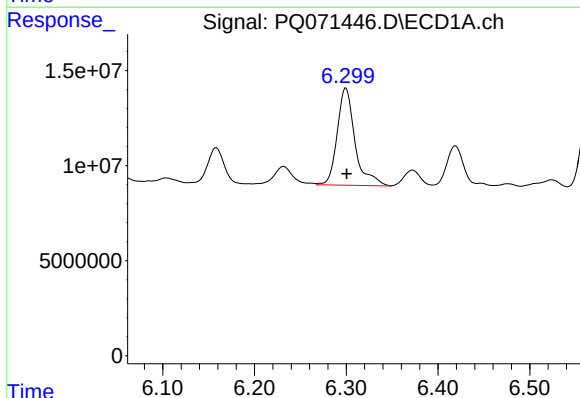
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 38194843
Conc: 85.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK0



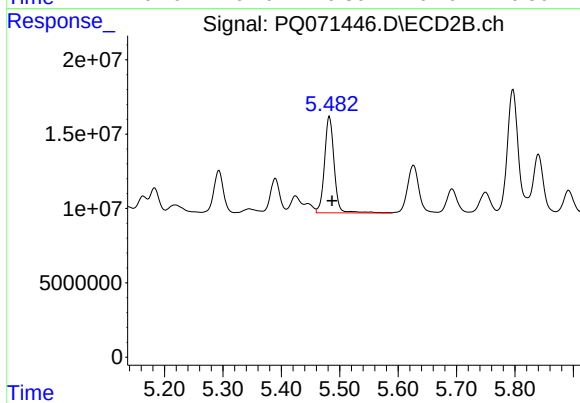
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 31428837
Conc: 62.99 ng/ml



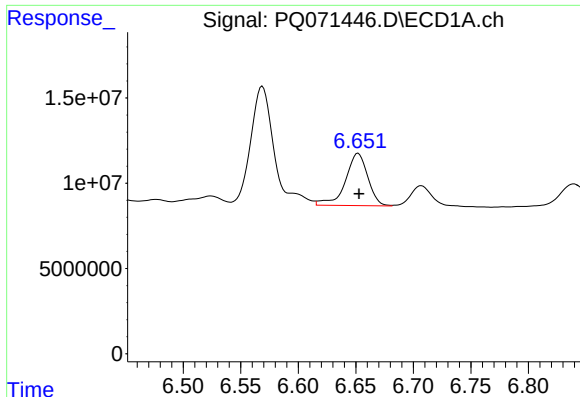
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 69363788
Conc: 135.76 ng/ml



#32 AR-1260-2

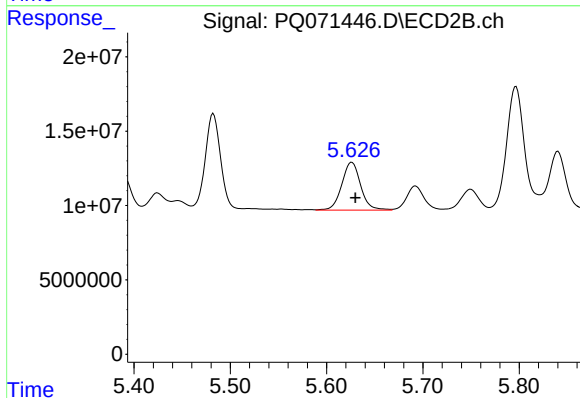
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 74510063
Conc: 122.88 ng/ml



#33 AR-1260-3

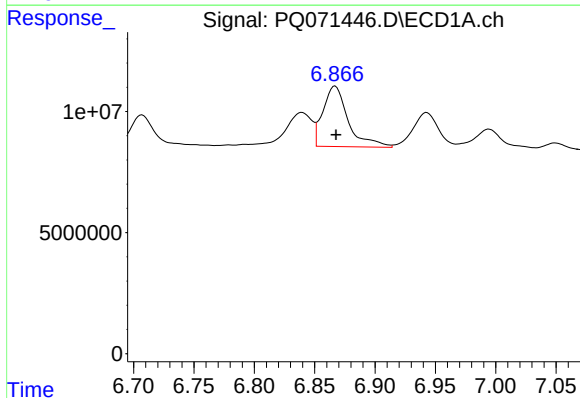
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 41817631
Conc: 109.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK0



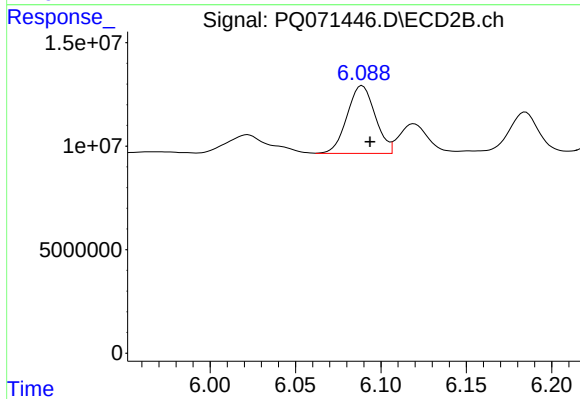
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 43703967
Conc: 73.93 ng/ml



#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 36438038
Conc: 87.14 ng/ml

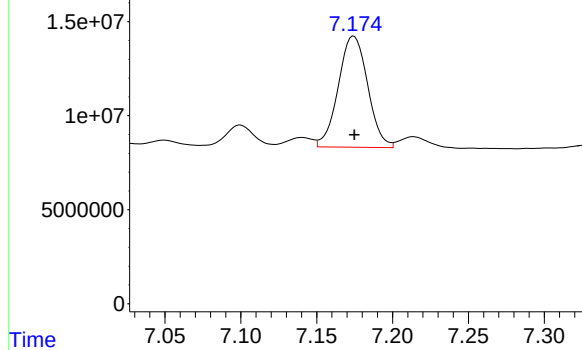


#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 37493428
Conc: 75.69 ng/ml

Signal: PQ071446.D\ECD1A.ch

#35 AR-1260-5

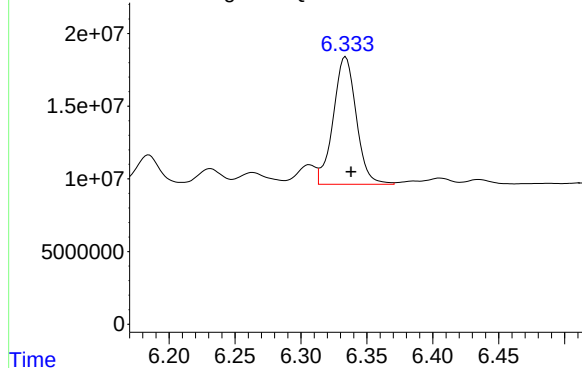


R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 79624567
Conc: 95.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK0

Signal: PQ071446.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 106314464
Conc: 92.59 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AK1	SDG No.: Q3674	
Lab Sample ID: Q3674-13	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 81.3	
Sample Wt/Vol: 30.01 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.9	U	1	4.90	20.9	ug/kg	11/21/25 19:05	PB170671
11104-28-2	Aroclor-1221	20.9	U	1	5.00	20.9	ug/kg	11/21/25 19:05	PB170671
11141-16-5	Aroclor-1232	20.9	U	1	4.60	20.9	ug/kg	11/21/25 19:05	PB170671
53469-21-9	Aroclor-1242	20.9	U	1	4.90	20.9	ug/kg	11/21/25 19:05	PB170671
12672-29-6	Aroclor-1248	20.9	U	1	7.30	20.9	ug/kg	11/21/25 19:05	PB170671
11097-69-1	Aroclor-1254	39.7		1	3.90	20.9	ug/kg	11/21/25 19:05	PB170671
37324-23-5	Aroclor-1262	20.9	U	1	6.20	20.9	ug/kg	11/21/25 19:05	PB170671
11100-14-4	Aroclor-1268	20.9	U	1	4.40	20.9	ug/kg	11/21/25 19:05	PB170671
11096-82-5	Aroclor-1260	20.9	U	1	4.00	20.9	ug/kg	11/21/25 19:05	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.5			21 - 165	102%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.5			10 - 170	68%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 19:05
 Operator : YP\AJ
 Sample : Q3674-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AK1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:43:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	173.9E6	191.3E6	19.974m	20.489
2) SA Decachlor...	8.537	7.654	84804460	115.6E6	13.544	12.648
Target Compounds						
26) L6 AR-1254-1	5.312	4.631	23682631	30667531	68.179	57.230
27) L6 AR-1254-2	5.528	4.778	37776076	33167344	69.720	72.294
28) L6 AR-1254-3	5.876	5.162	53686764	68511865	93.234	90.230
29) L6 AR-1254-4	6.158	5.389	45761221	54880547	108.313	109.801
30) L6 AR-1254-5	6.569	5.796	66411287	87815553	144.488	126.859

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:05
Operator : YP\AJ
Sample : Q3674-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

C0AK1

Manual Integrations

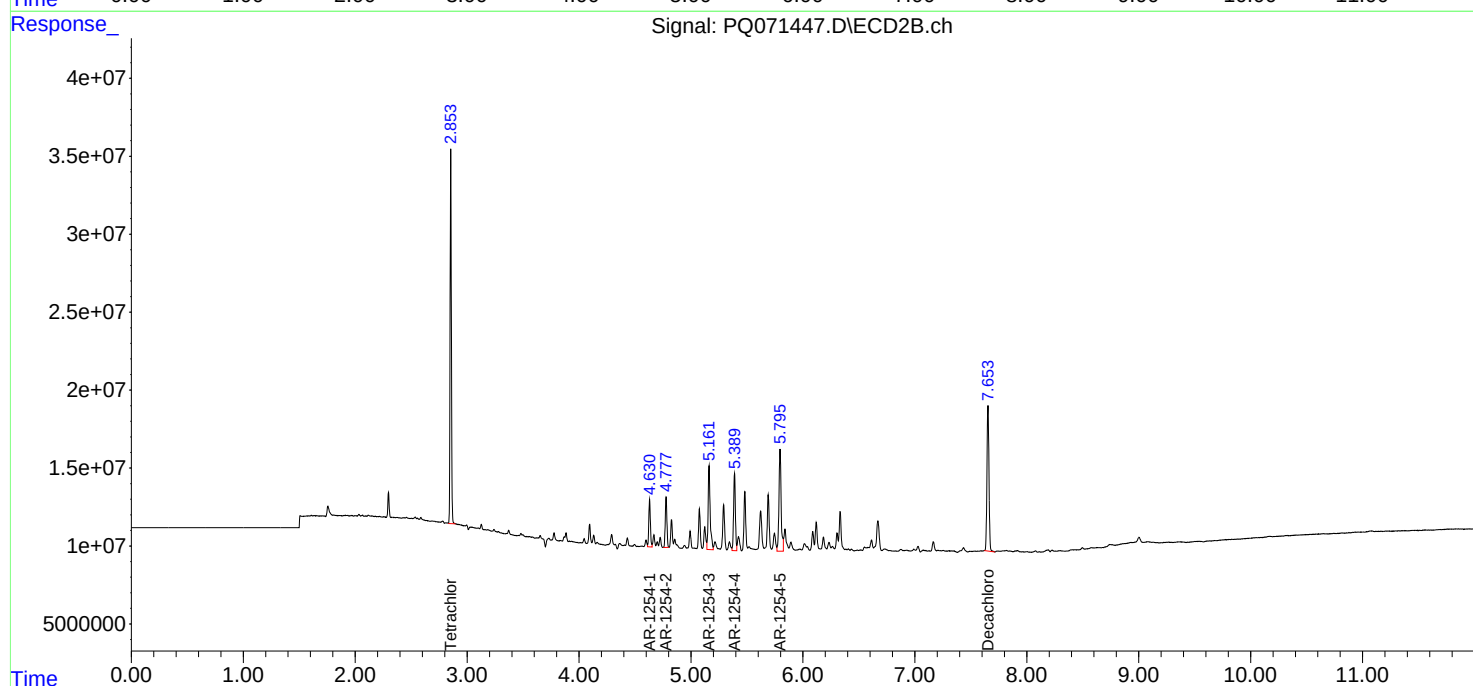
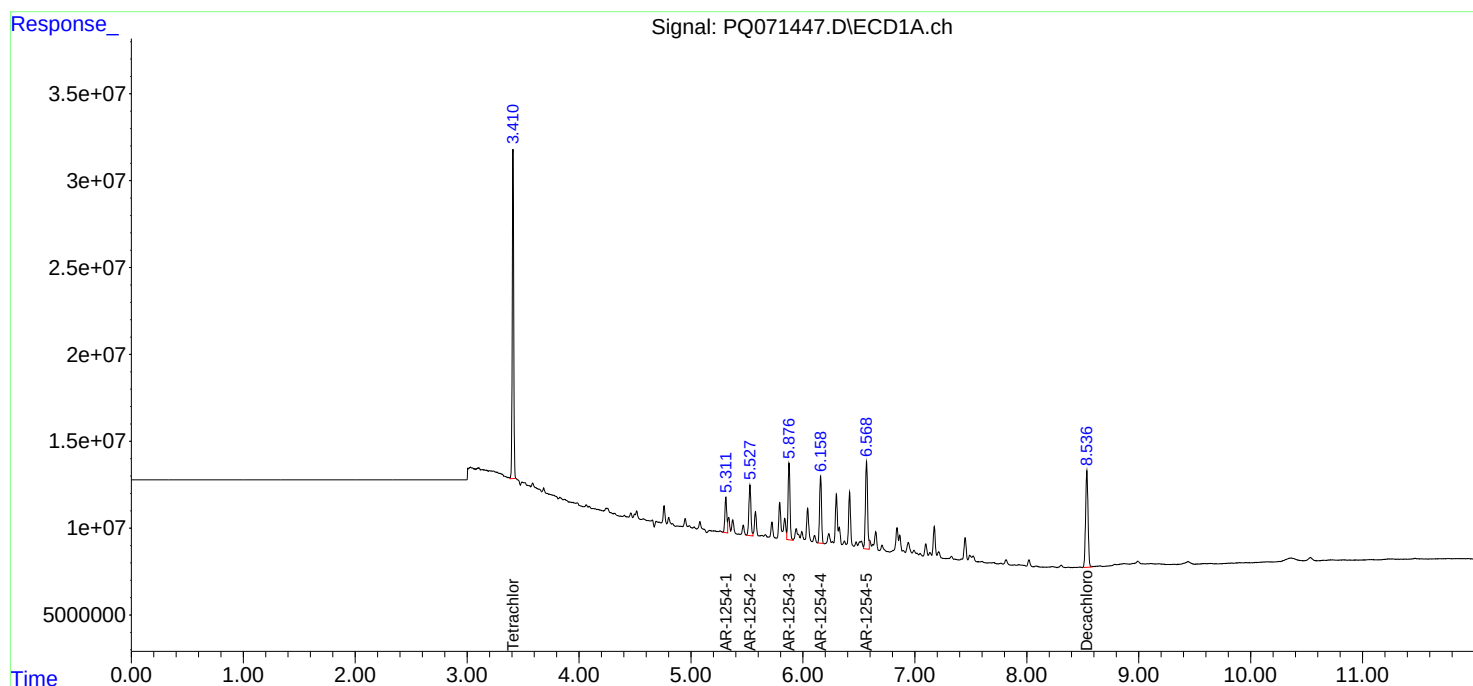
APPROVED

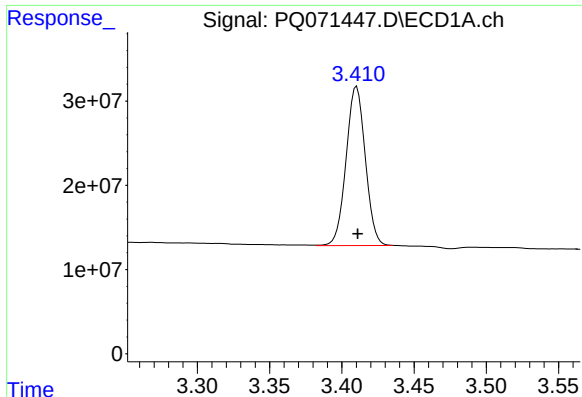
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:43:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





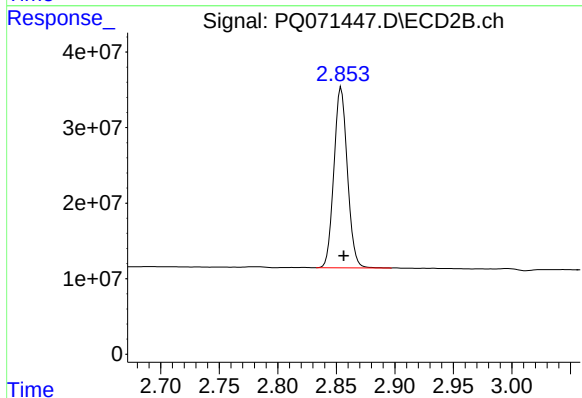
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 173875811
Conc: 19.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK1

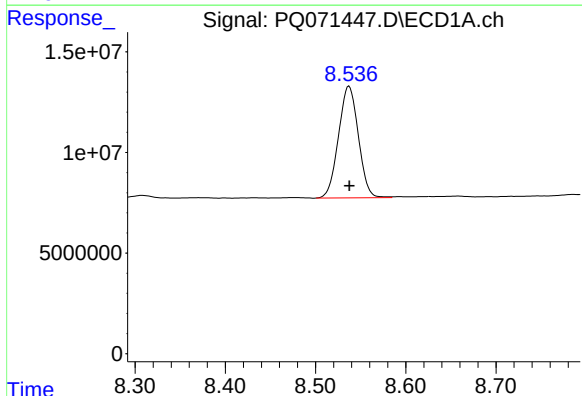
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



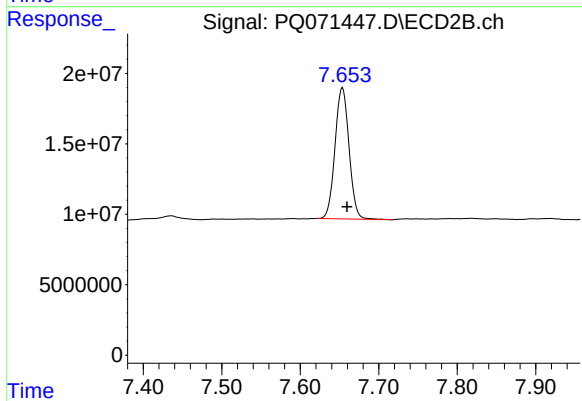
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 191297940
Conc: 20.49 ng/ml



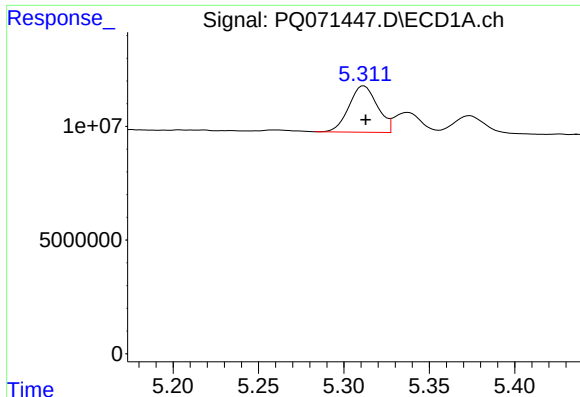
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 84804460
Conc: 13.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 115573358
Conc: 12.65 ng/ml



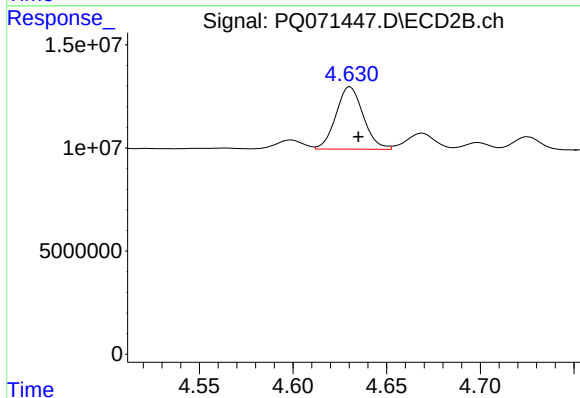
#26 AR-1254-1

R.T.: 5.312 min
Delta R.T.: -0.001 min
Response: 23682631
Conc: 68.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK1

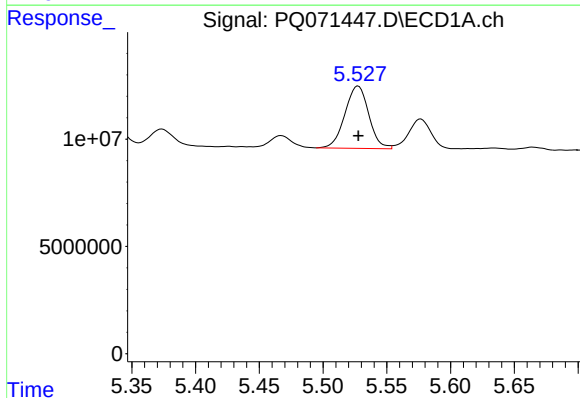
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



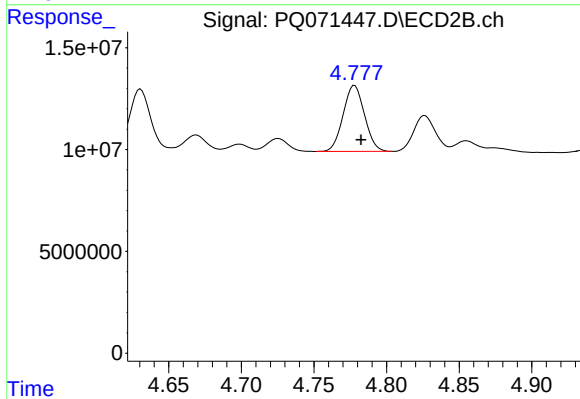
#26 AR-1254-1

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 30667531
Conc: 57.23 ng/ml



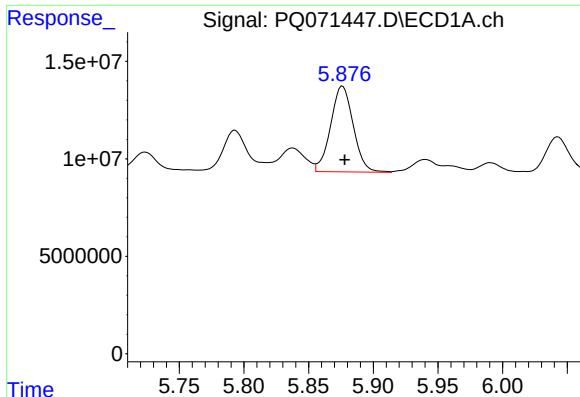
#27 AR-1254-2

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 37776076
Conc: 69.72 ng/ml



#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 33167344
Conc: 72.29 ng/ml



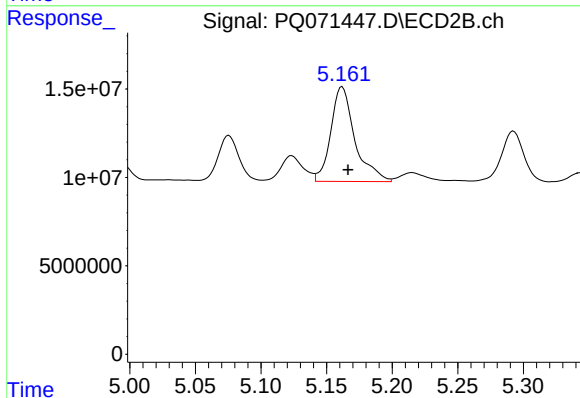
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 53686764
Conc: 93.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK1

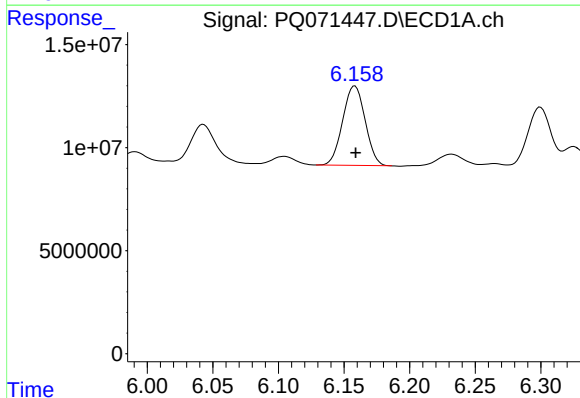
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



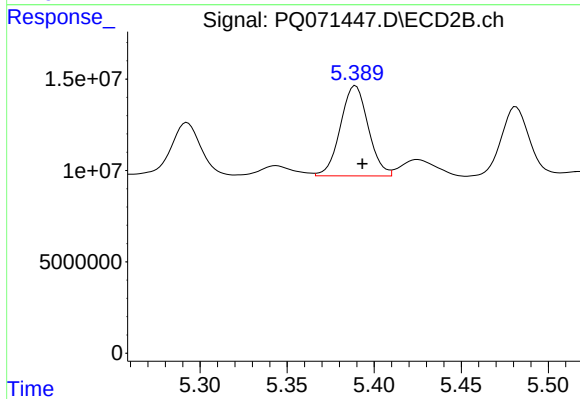
#28 AR-1254-3

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 68511865
Conc: 90.23 ng/ml



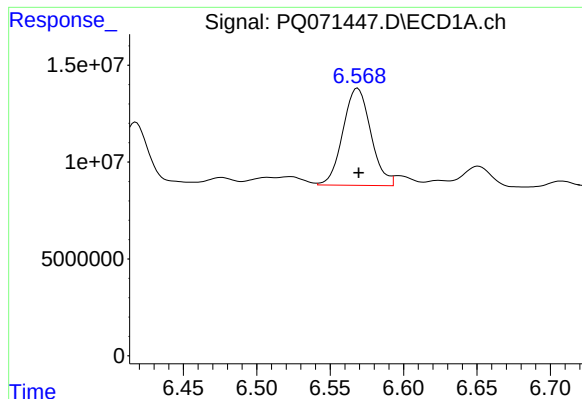
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 45761221
Conc: 108.31 ng/ml



#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 54880547
Conc: 109.80 ng/ml



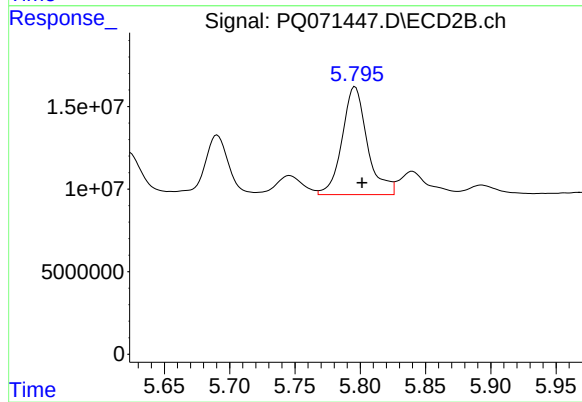
#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 66411287
Conc: 144.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#30 AR-1254-5

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 87815553
Conc: 126.86 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/17/25
Project:	R37108		Date Received:	11/19/25
Client Sample ID:	C0AK3		SDG No.:	Q3674
Lab Sample ID:	Q3674-14		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	83
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.4	U	1	4.70	20.4	ug/kg	11/21/25 19:19	PB170671
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 19:19	PB170671
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 19:19	PB170671
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 19:19	PB170671
12672-29-6	Aroclor-1248	20.4	U	1	7.10	20.4	ug/kg	11/21/25 19:19	PB170671
11097-69-1	Aroclor-1254	20.4	U	1	3.90	20.4	ug/kg	11/21/25 19:19	PB170671
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 19:19	PB170671
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 19:19	PB170671
11096-82-5	Aroclor-1260	13000	E	1	3.90	20.4	ug/kg	11/21/25 19:19	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.2			21 - 165	86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.1			10 - 170	75%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:19
Operator : YP\AJ
Sample : Q3674-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.855	149.5E6	158.4E6	17.169	16.965
2) SA Decachlor...	8.536	7.653	94507861	120.4E6	15.093	13.172
Target Compounds						
31) L7 AR-1260-1	6.043	5.295	13127.4E6	15958.6E6	29335.215	31985.868
32) L7 AR-1260-2	6.297	5.482	16144.1E6	18279.9E6	31598.479	30146.182
33) L7 AR-1260-3	6.652	5.628	12858.8E6	17875.3E6	33597.193	30236.403
34) L7 AR-1260-4	6.867	6.092	14543.2E6	15754.7E6	34780.430	31803.437
35) L7 AR-1260-5	7.175	6.330	24944.5E6	28454.1E6	29972.840	24779.627

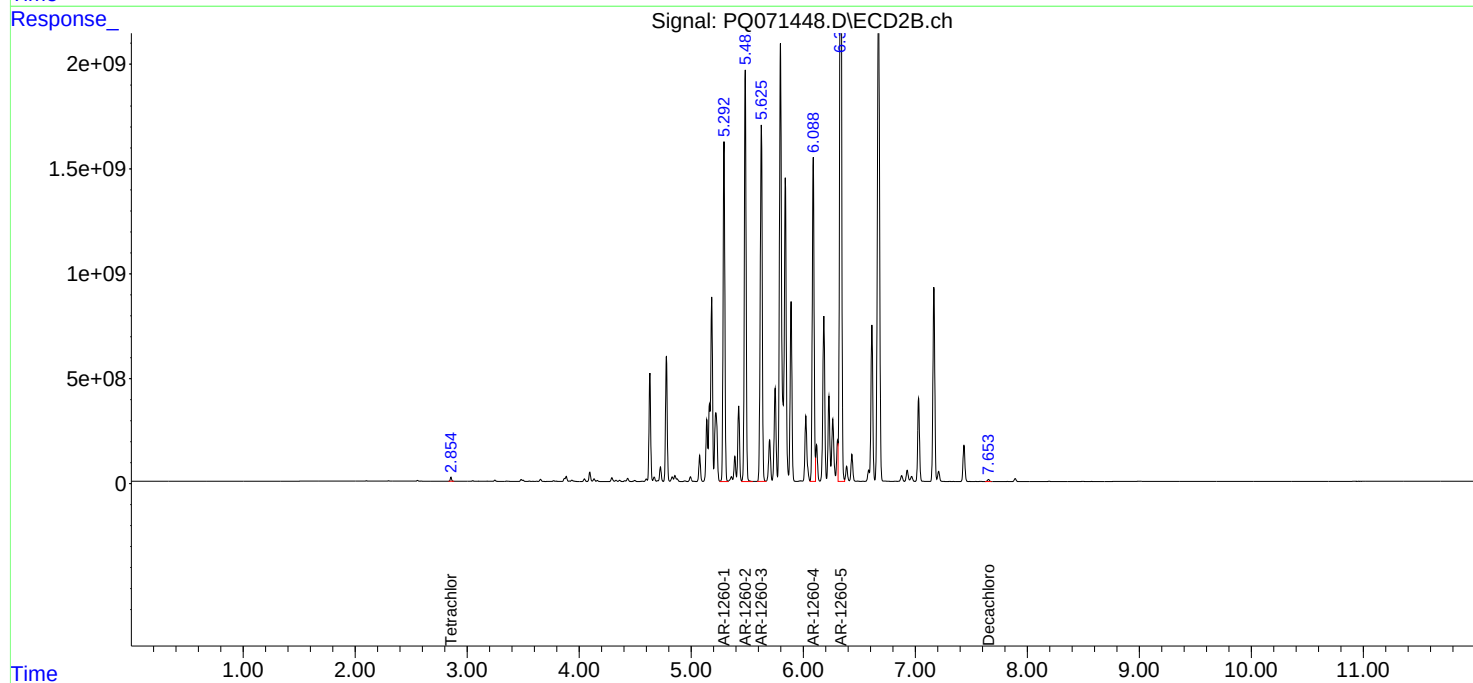
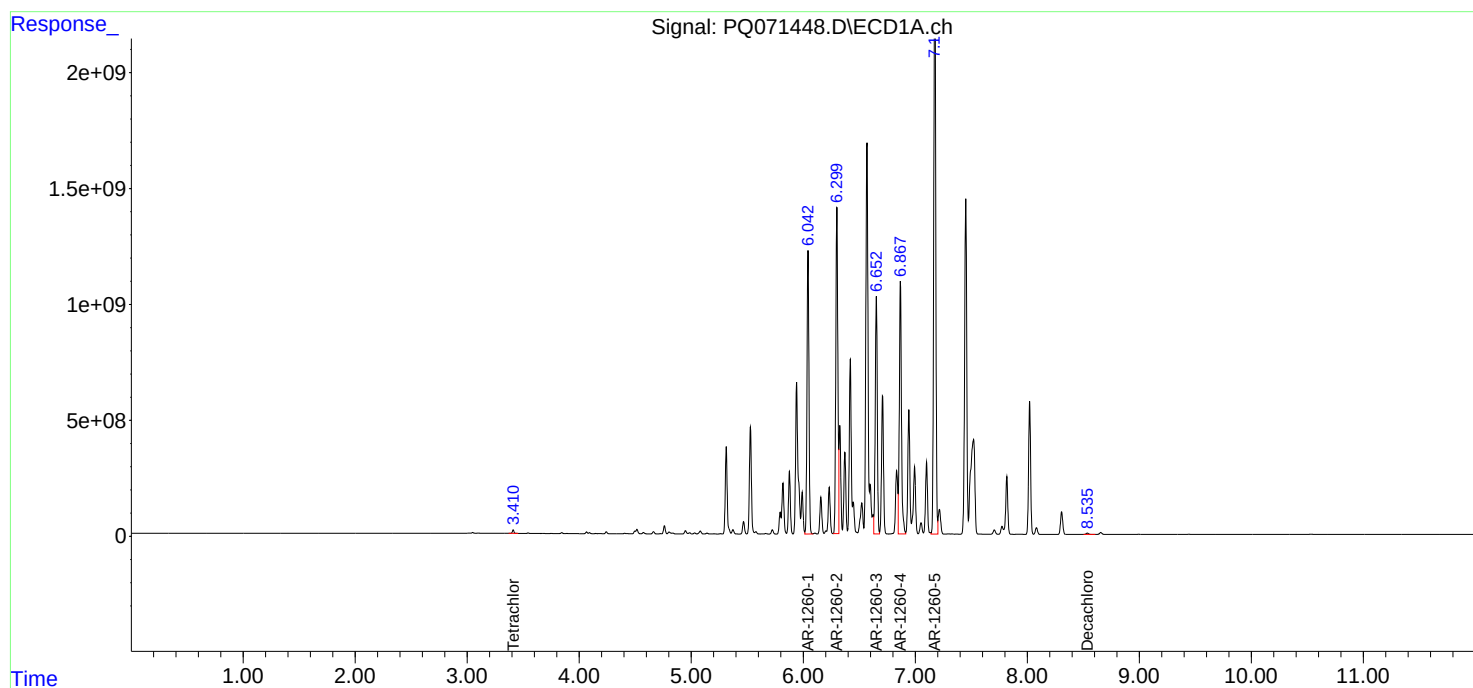
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

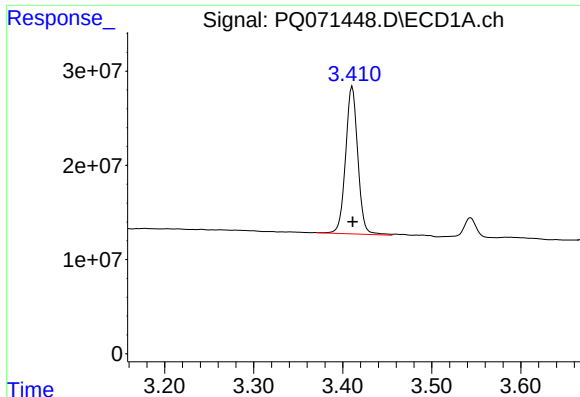
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:19
Operator : YP\AJ
Sample : Q3674-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:43:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

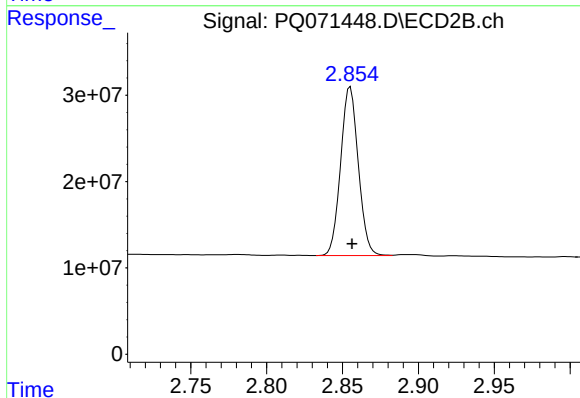




#1 Tetrachloro-m-xylene

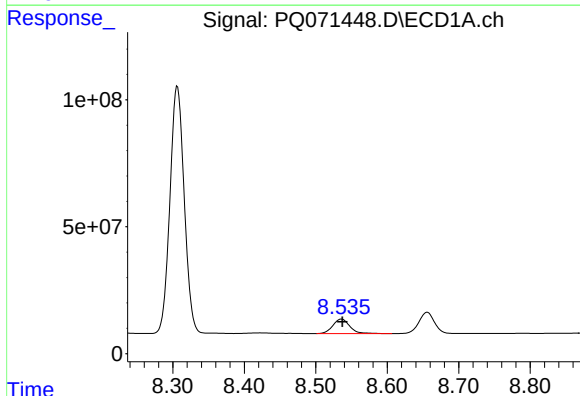
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 149461999
Conc: 17.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3



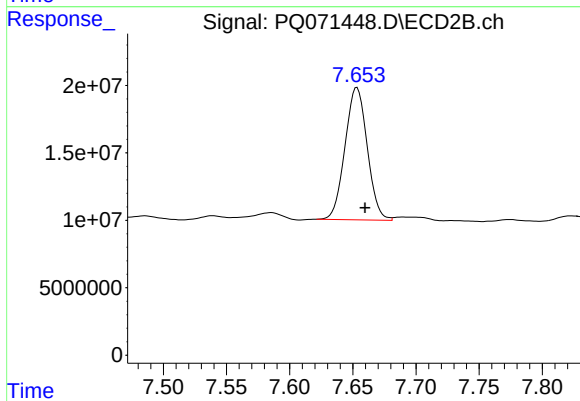
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 158399731
Conc: 16.97 ng/ml



#2 Decachlorobiphenyl

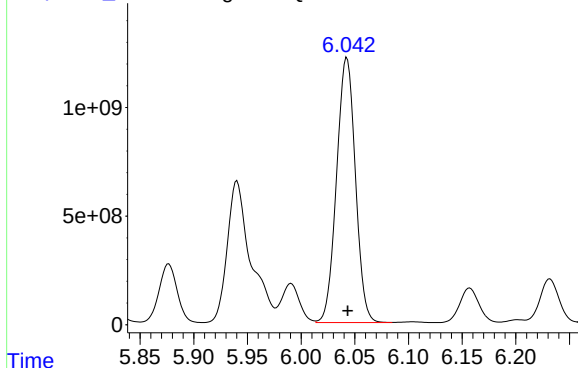
R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 94507861
Conc: 15.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 120361596
Conc: 13.17 ng/ml

Response_ Signal: PQ071448.D\ECD1A.ch

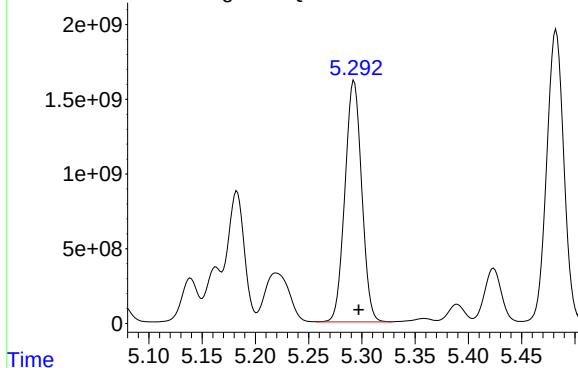


#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 13127425021
Conc: 29335.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3

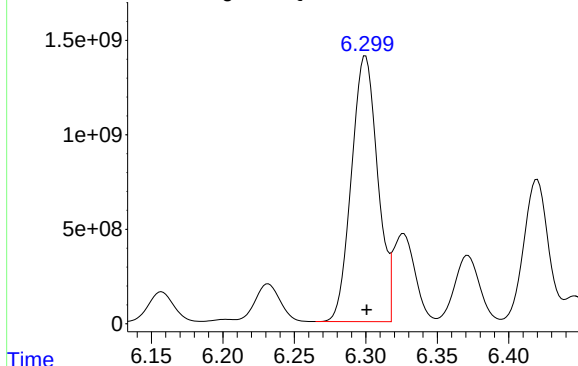
Response_ Signal: PQ071448.D\ECD2B.ch



#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 15958607442
Conc: 31985.87 ng/ml

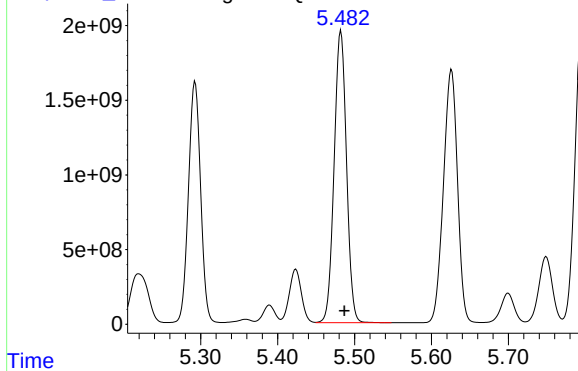
Response_ Signal: PQ071448.D\ECD1A.ch



#32 AR-1260-2

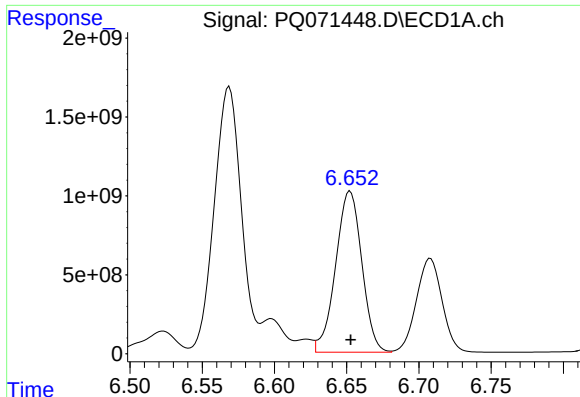
R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 16144099682
Conc: 31598.48 ng/ml

Response_ Signal: PQ071448.D\ECD2B.ch



#32 AR-1260-2

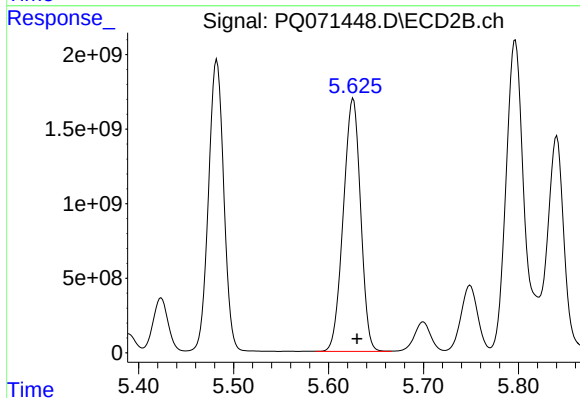
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 18279916231
Conc: 30146.18 ng/ml



#33 AR-1260-3

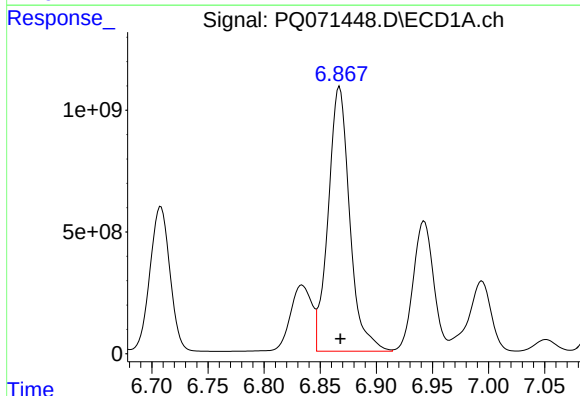
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 12858780258
Conc: 33597.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3



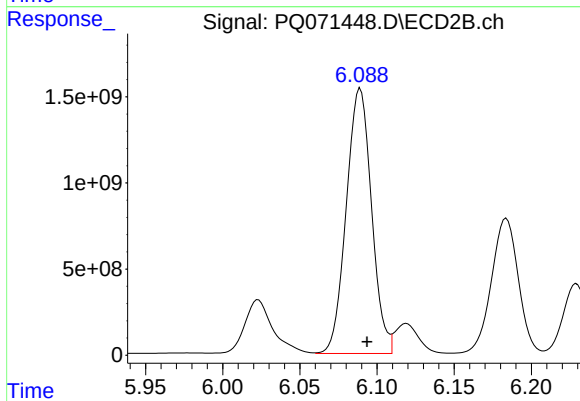
#33 AR-1260-3

R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 17875280864
Conc: 30236.40 ng/ml



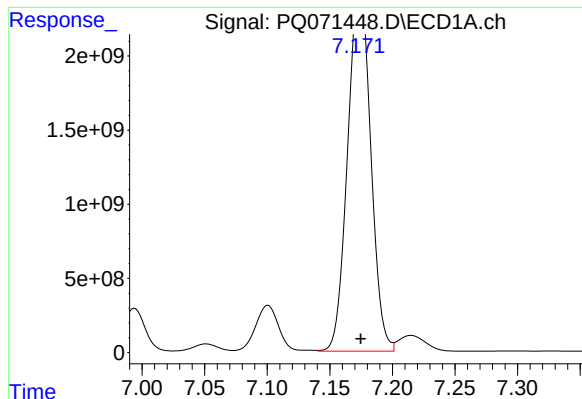
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 14543249508
Conc: 34780.43 ng/ml



#34 AR-1260-4

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 15754748186
Conc: 31803.44 ng/ml



#35 AR-1260-5

R.T.: 7.175 min

Delta R.T.: 0.000 min

Response: 24944529426

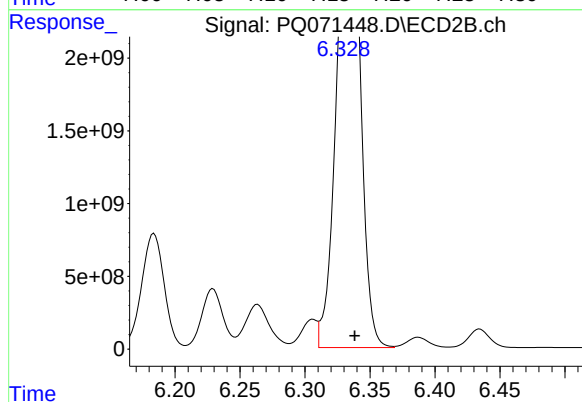
Conc: 29972.84 ng/ml

Instrument :

ECD_Q

ClientSampleId :

C0AK3



#35 AR-1260-5

R.T.: 6.330 min

Delta R.T.: -0.008 min

Response: 28454094500

Conc: 24779.63 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AK3DL	SDG No.: Q3674	
Lab Sample ID: Q3674-14DL	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 83	
Sample Wt/Vol: 30.06 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	1000	UD	50	237	1000	ug/kg	11/24/25 17:27	PB170671
11104-28-2	Aroclor-1221	1000	UD	50	242	1000	ug/kg	11/24/25 17:27	PB170671
11141-16-5	Aroclor-1232	1000	UD	50	224	1000	ug/kg	11/24/25 17:27	PB170671
53469-21-9	Aroclor-1242	1000	UD	50	241	1000	ug/kg	11/24/25 17:27	PB170671
12672-29-6	Aroclor-1248	1000	UD	50	356	1000	ug/kg	11/24/25 17:27	PB170671
11097-69-1	Aroclor-1254	1000	UD	50	193	1000	ug/kg	11/24/25 17:27	PB170671
37324-23-5	Aroclor-1262	1000	UD	50	302	1000	ug/kg	11/24/25 17:27	PB170671
11100-14-4	Aroclor-1268	1000	UD	50	216	1000	ug/kg	11/24/25 17:27	PB170671
11096-82-5	Aroclor-1260	16000	D	50	194	1000	ug/kg	11/24/25 17:27	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	0	*		21 - 165	0%	SPK: 20		
2051-24-3	Decachlorobiphenyl	0	*		10 - 170	0%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:27
Operator : YP\AJ
Sample : Q3674-14DL 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:40:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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							
31)	L7	AR-1260-1	6.043	5.291	346.1E6	403.9E6	773.327 809.584
32)	L7	AR-1260-2	6.299	5.481	403.9E6	488.0E6	790.621 804.707
33)	L7	AR-1260-3	6.652	5.624	277.7E6	472.1E6	725.576 798.537
34)	L7	AR-1260-4	6.867	6.088	308.7E6	371.5E6	738.162 749.956
35)	L7	AR-1260-5	7.174	6.333	619.0E6	846.7E6	743.770 737.369

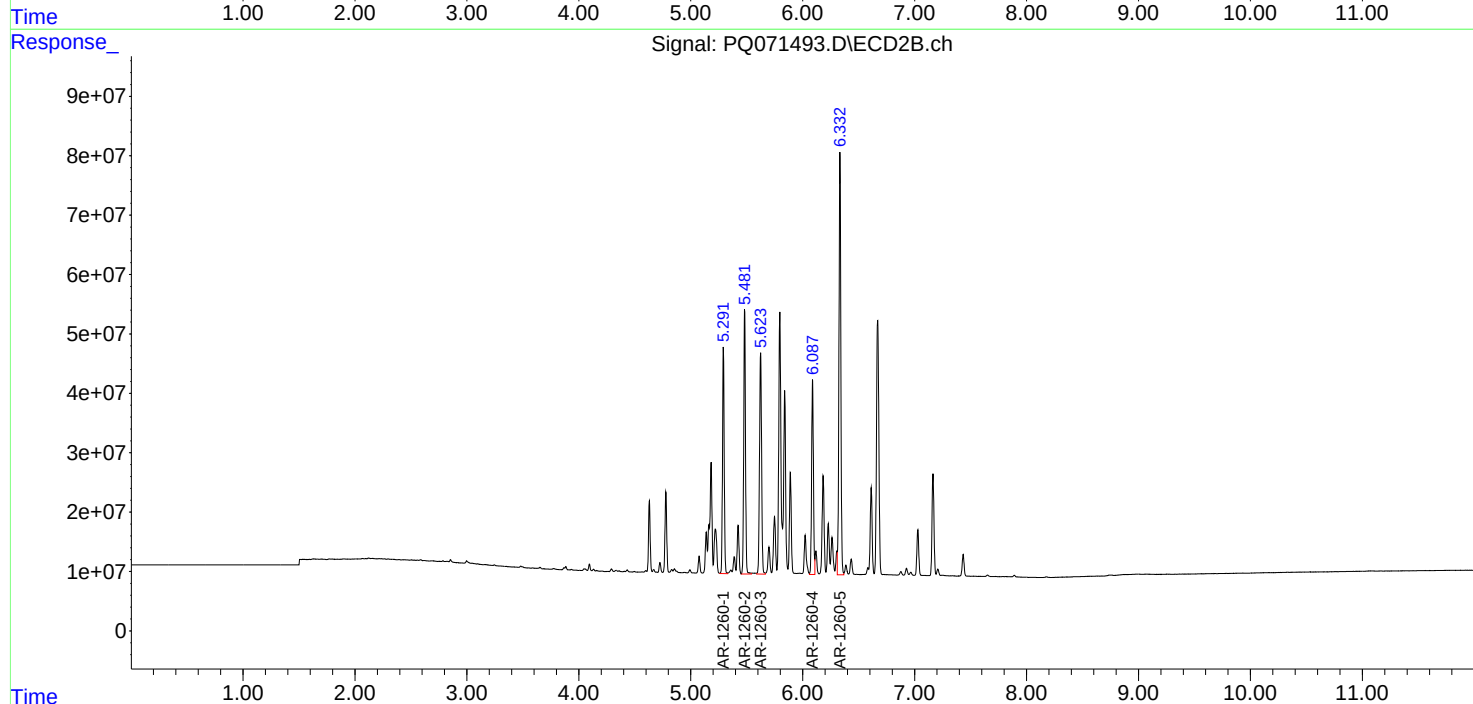
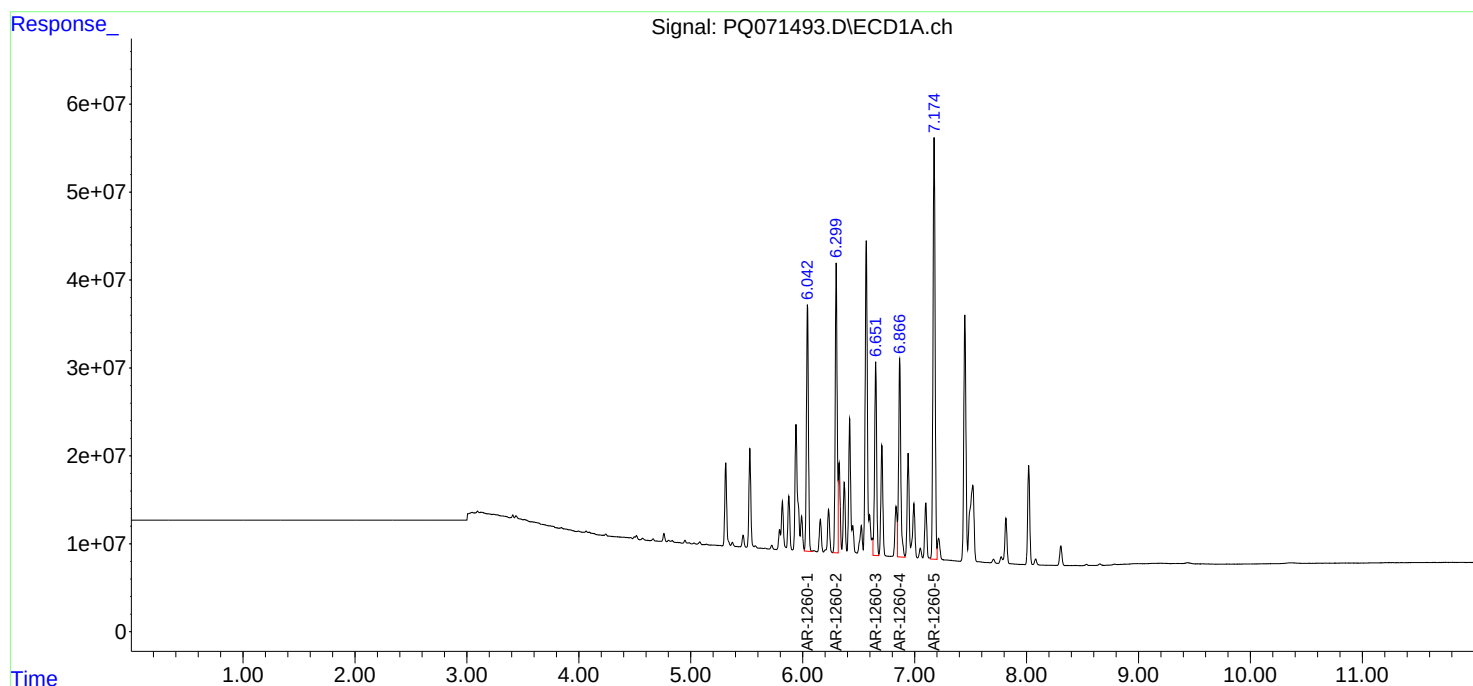
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

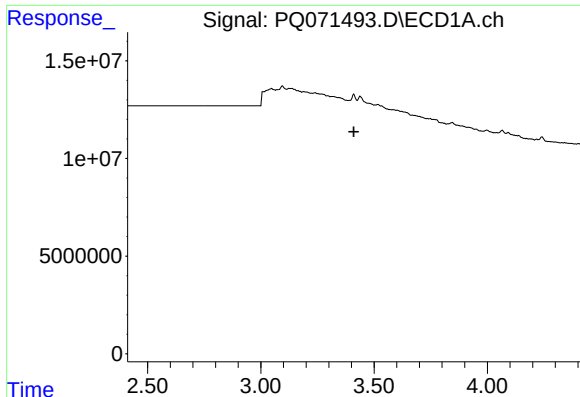
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:27
Operator : YP\AJ
Sample : Q3674-14DL 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:40:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

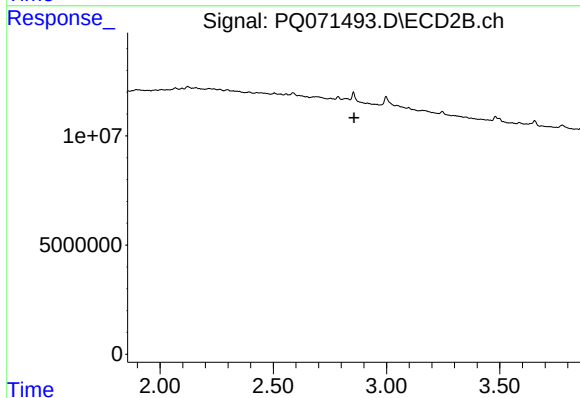




#1 Tetrachloro-m-xylene

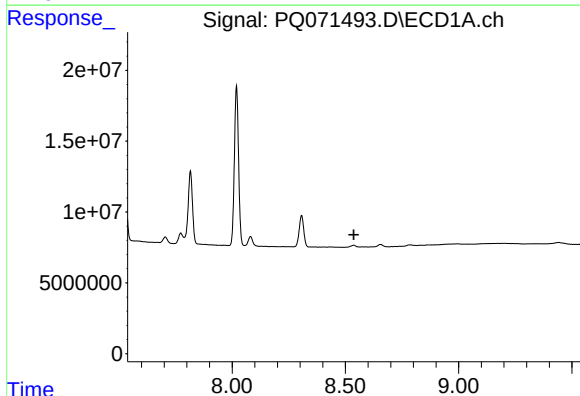
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL



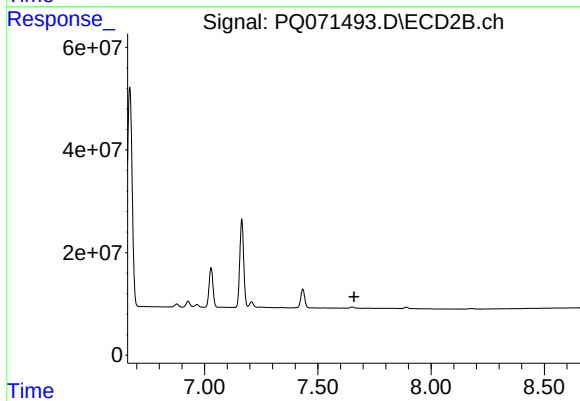
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 2.856 min
Response: 0
Conc: N.D.



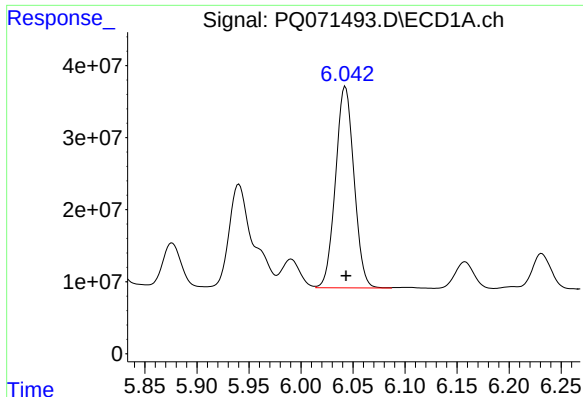
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.537 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

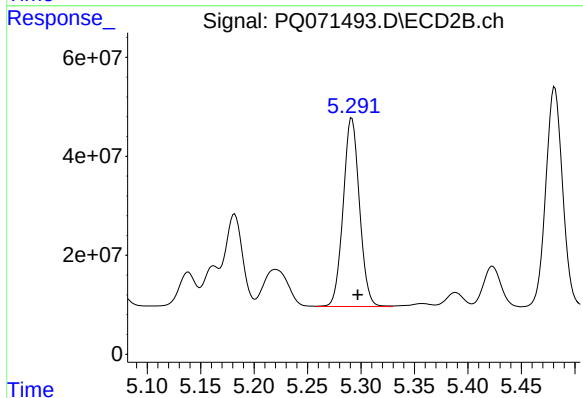
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

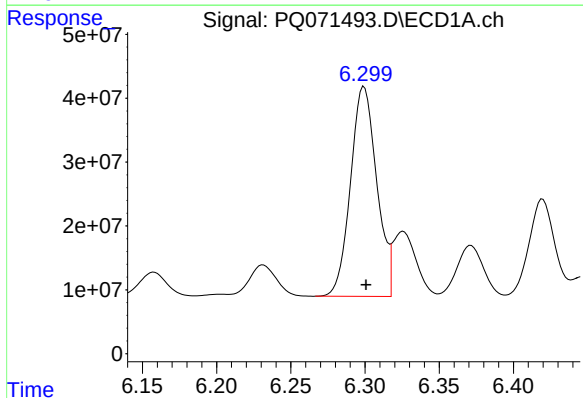
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 346061841
Conc: 773.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL



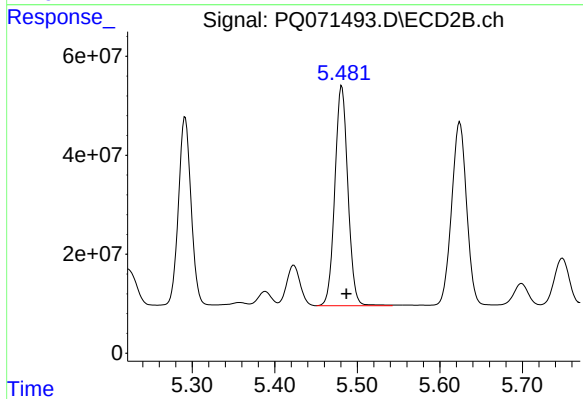
#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 403923263
Conc: 809.58 ng/ml



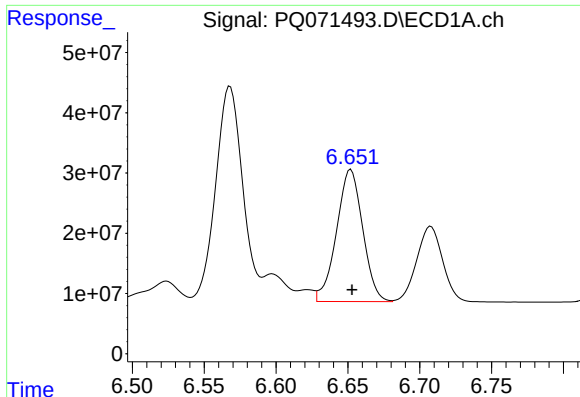
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 403939126
Conc: 790.62 ng/ml



#32 AR-1260-2

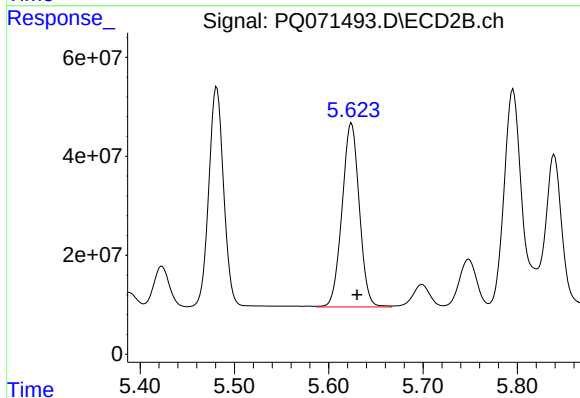
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 487955054
Conc: 804.71 ng/ml



#33 AR-1260-3

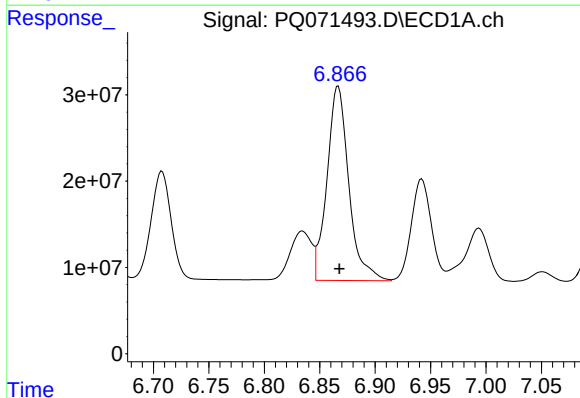
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 277702620
Conc: 725.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL



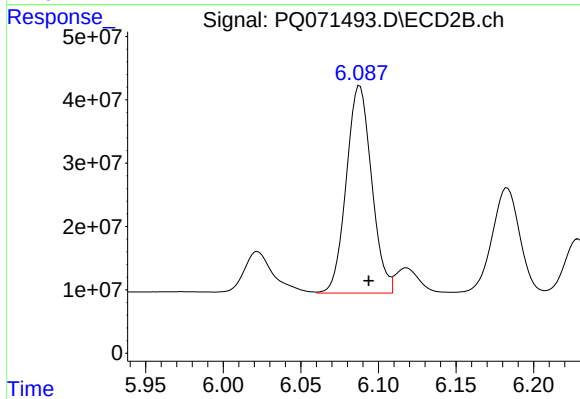
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 472082102
Conc: 798.54 ng/ml



#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 308658302
Conc: 738.16 ng/ml

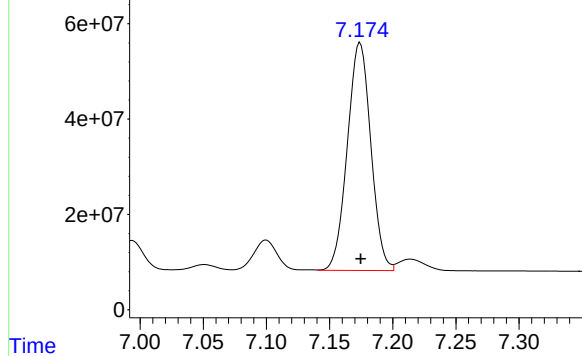


#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 371512277
Conc: 749.96 ng/ml

Response_ Signal: PQ071493.D\ECD1A.ch

#35 AR-1260-5

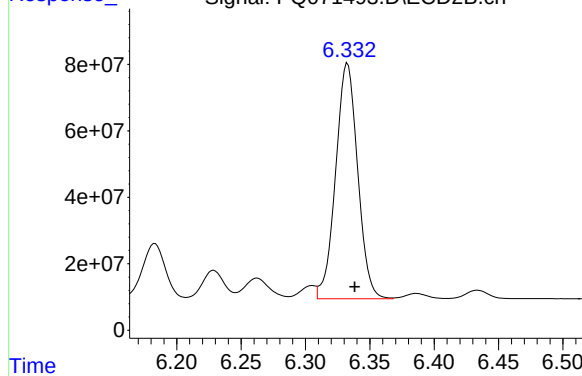


R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 618993198
Conc: 743.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK3DL

Time Response_ Signal: PQ071493.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 846710260
Conc: 737.37 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AK4	SDG No.: Q3674	
Lab Sample ID: Q3674-15	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 83.6	
Sample Wt/Vol: 30.05 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.3	U	1	4.70	20.3	ug/kg	11/21/25 19:34	PB170671
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 19:34	PB170671
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 19:34	PB170671
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 19:34	PB170671
12672-29-6	Aroclor-1248	20.3	U	1	7.10	20.3	ug/kg	11/21/25 19:34	PB170671
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 19:34	PB170671
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 19:34	PB170671
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 19:34	PB170671
11096-82-5	Aroclor-1260	52.5		1	3.90	20.3	ug/kg	11/21/25 19:34	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.5			21 - 165	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.6			10 - 170	78%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:34
Operator : YP\AJ
Sample : Q3674-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.855	165.9E6	181.7E6	19.062	19.463
2) SA Decachlor...	8.536	7.654	97393382	133.5E6	15.554	14.609
Target Compounds						
31) L7 AR-1260-1	6.042	5.293	33640623	44833555	75.175	89.860
32) L7 AR-1260-2	6.299	5.482	81791846	92273958	160.089	152.173
33) L7 AR-1260-3	6.652	5.626	65356747	63925017	170.763	108.130 #
34) L7 AR-1260-4	6.867	6.089	53688040	61189254	128.396	123.520
35) L7 AR-1260-5	7.174	6.333	103.6E6	145.9E6	124.507	127.048

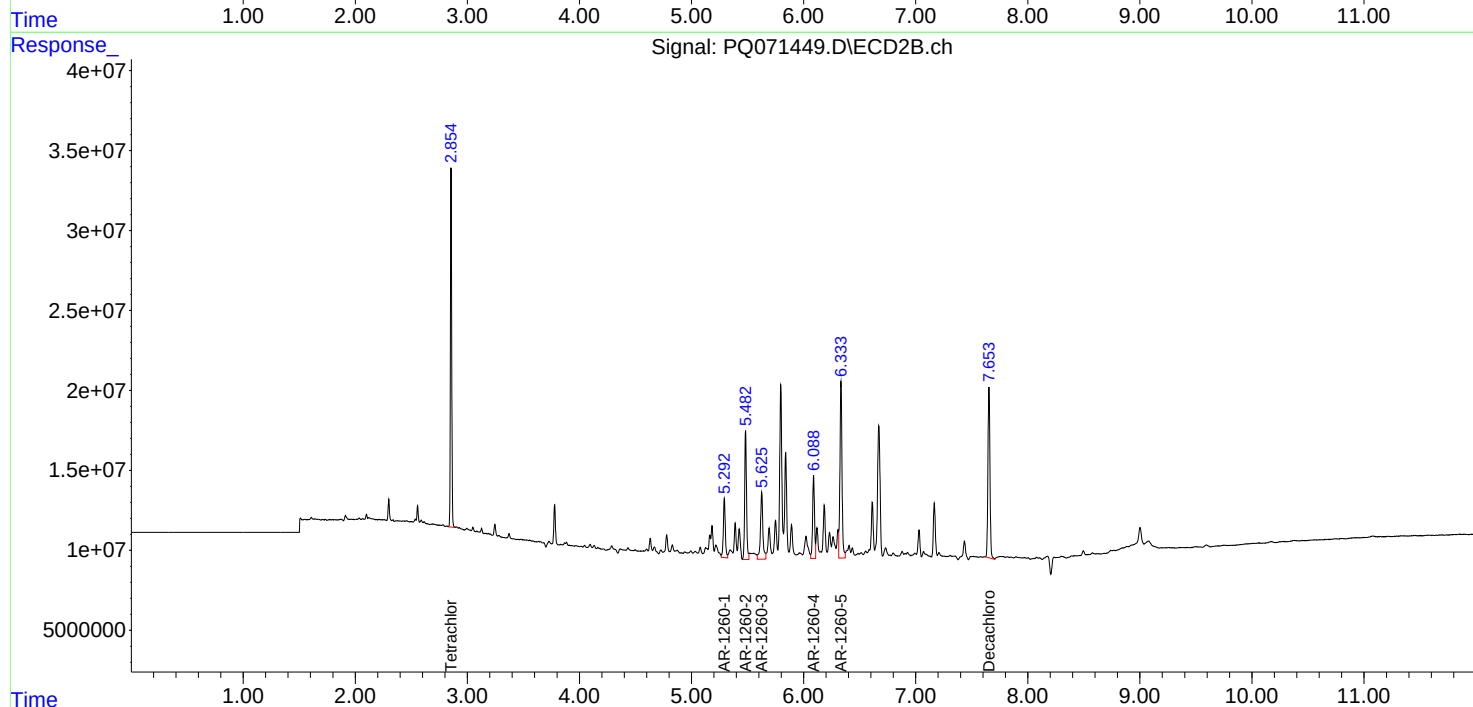
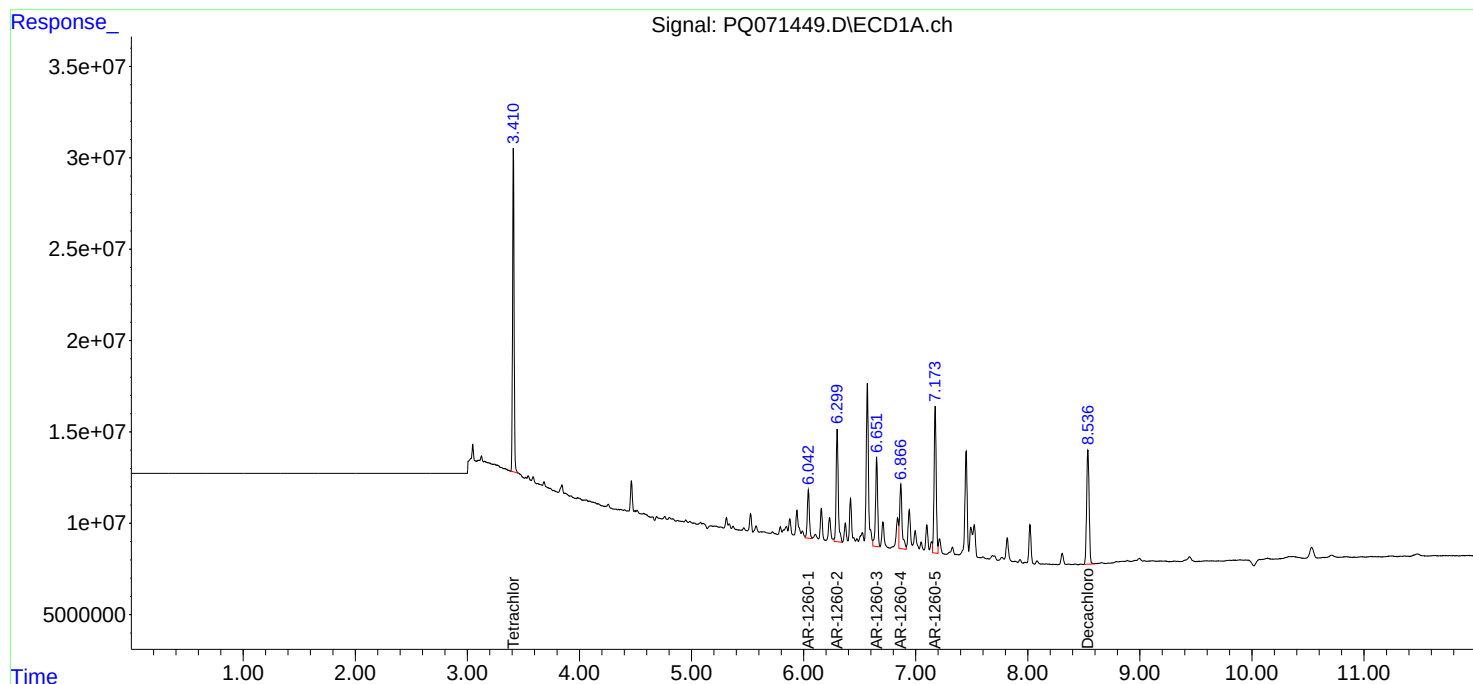
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:34
Operator : YP\AJ
Sample : Q3674-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:44:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

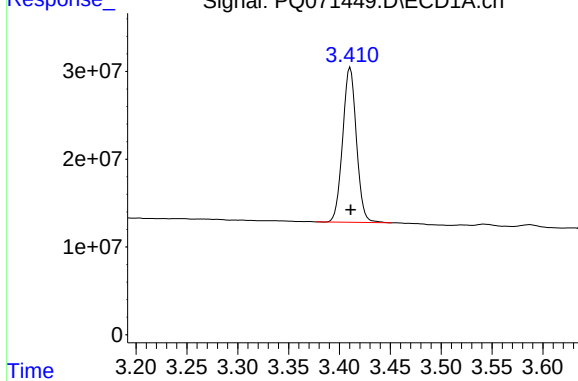


Response_ Signal: PQ071449.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 165936642
Conc: 19.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK4

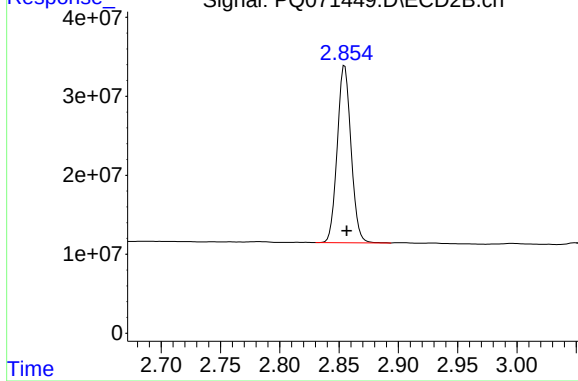


Time

Response_ Signal: PQ071449.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 181721922
Conc: 19.46 ng/ml

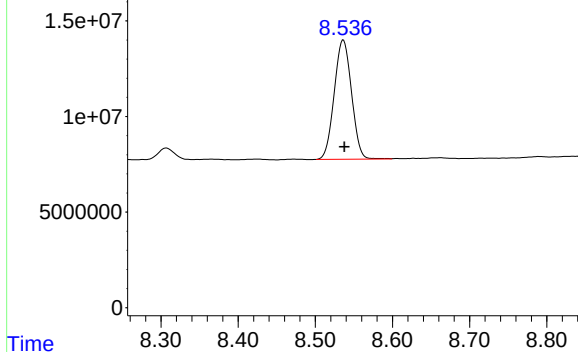


Time

Response_ Signal: PQ071449.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 97393382
Conc: 15.55 ng/ml

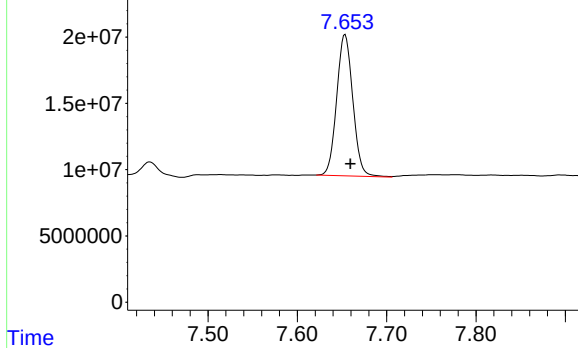


Time

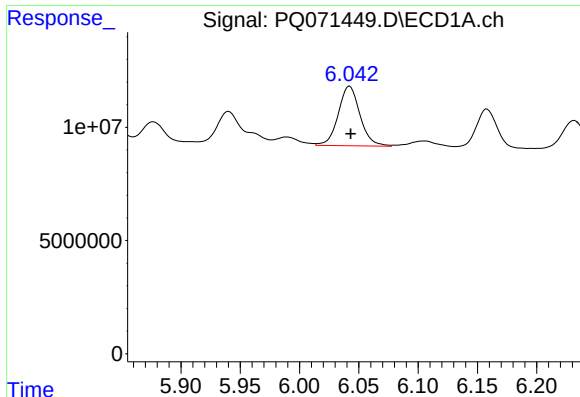
Response_ Signal: PQ071449.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 133488271
Conc: 14.61 ng/ml



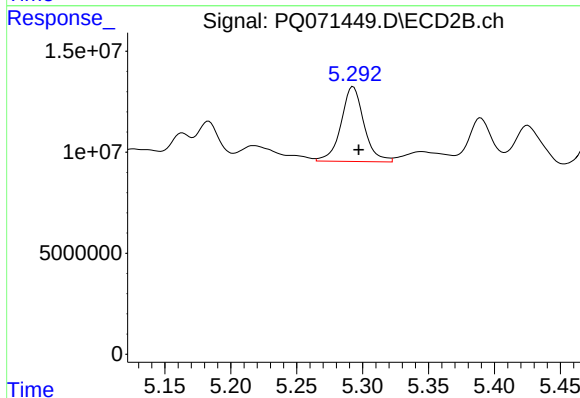
Time



#31 AR-1260-1

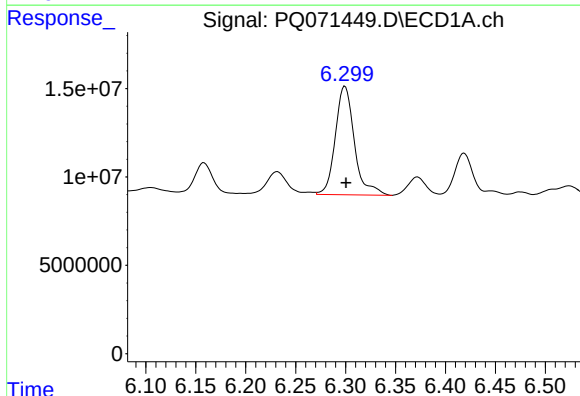
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 33640623
Conc: 75.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK4



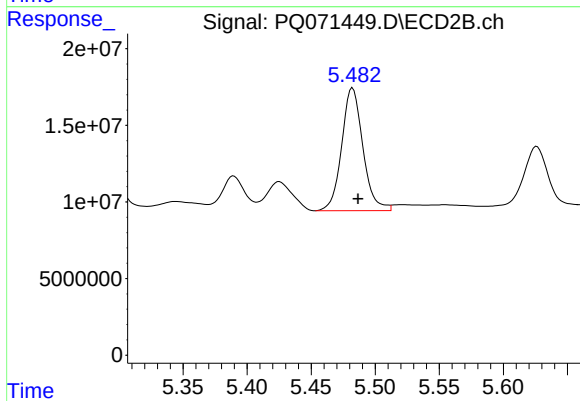
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 44833555
Conc: 89.86 ng/ml



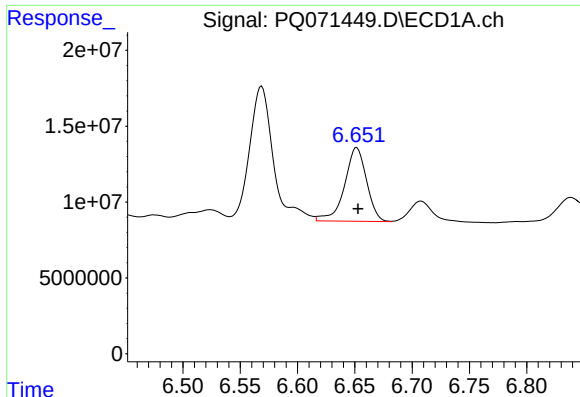
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 81791846
Conc: 160.09 ng/ml



#32 AR-1260-2

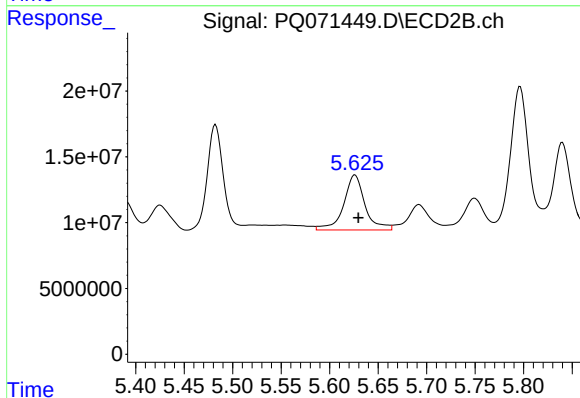
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 92273958
Conc: 152.17 ng/ml



#33 AR-1260-3

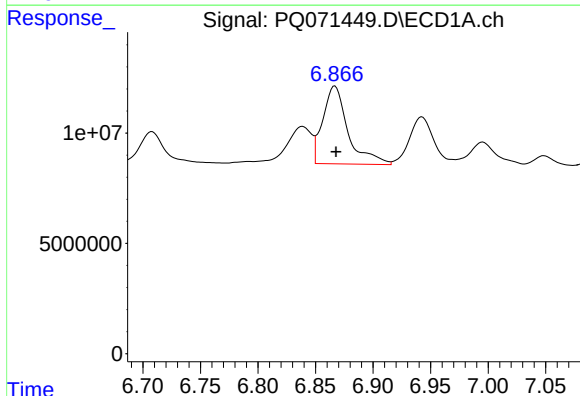
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 65356747
Conc: 170.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK4



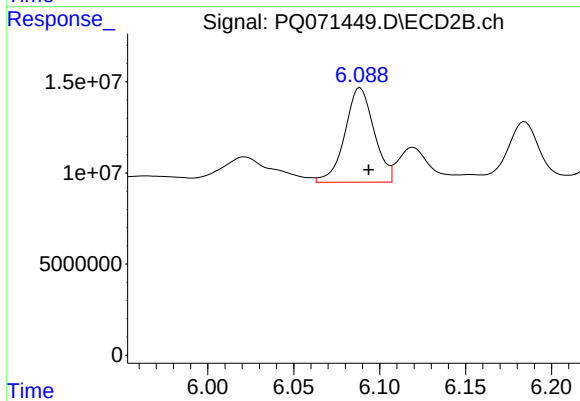
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 63925017
Conc: 108.13 ng/ml



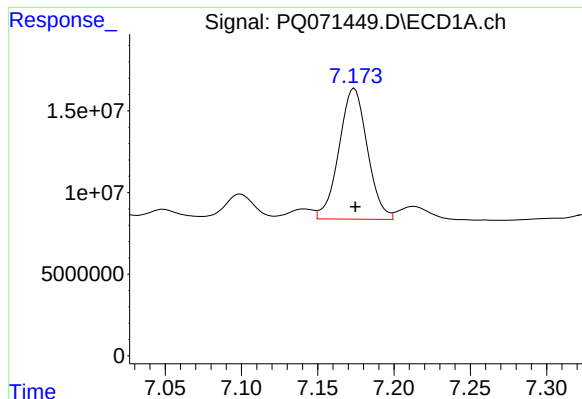
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 53688040
Conc: 128.40 ng/ml



#34 AR-1260-4

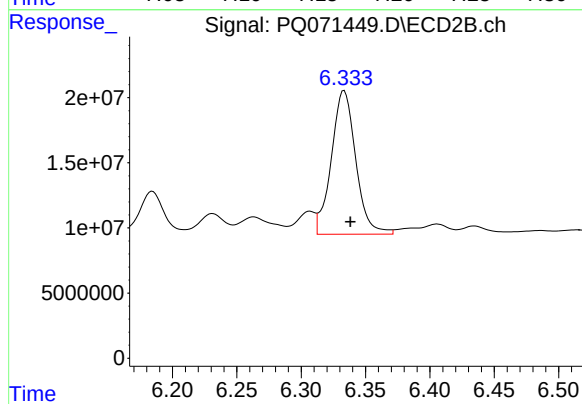
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 61189254
Conc: 123.52 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 103619218
Conc: 124.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK4



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 145887250
Conc: 127.05 ng/ml



CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR16</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3674</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>11/18/2025</u> <u>11/18/2025</u>
		Calibration Times:	<u>12:13</u> <u>17:52</u>

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

LAB FILE ID:	RT 1000 = <u>PQ071273.D</u>	RT 750 = <u>PQ071274.D</u>
RT 500 = <u>PQ071275.D</u>	RT 250 = <u>PQ071276.D</u>	RT 050 = <u>PQ071277.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.50	4.50	4.50	4.50	4.52	4.50	4.40	4.60
Aroclor-1016-2	(2)	4.52	4.52	4.52	4.52	4.53	4.52	4.42	4.62
Aroclor-1016-3	(3)	4.57	4.57	4.57	4.57	4.59	4.58	4.48	4.68
Aroclor-1016-4	(4)	4.66	4.66	4.66	4.66	4.68	4.67	4.57	4.77
Aroclor-1016-5	(5)	4.95	4.95	4.95	4.95	4.97	4.95	4.85	5.05
Aroclor-1260-1	(1)	6.04	6.04	6.04	6.04	6.06	6.05	5.95	6.15
Aroclor-1260-2	(2)	6.30	6.30	6.30	6.30	6.32	6.30	6.20	6.40
Aroclor-1260-3	(3)	6.65	6.65	6.65	6.65	6.67	6.66	6.56	6.76
Aroclor-1260-4	(4)	6.87	6.87	6.87	6.87	6.89	6.87	6.77	6.97
Aroclor-1260-5	(5)	7.18	7.18	7.18	7.18	7.19	7.18	7.08	7.28
Decachlorobiphenyl		8.54	8.54	8.54	8.54	8.56	8.54	8.44	8.64
Tetrachloro-m-xylene		3.41	3.41	3.41	3.41	3.43	3.41	3.31	3.51

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>TETR16</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3674</u>
Instrument ID:	<u>ECD_Q</u>	Calibration Date(s):	<u>11/18/2025</u> <u>11/18/2025</u>
		Calibration Times:	<u>12:13</u> <u>17:52</u>

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

LAB FILE ID:	RT 1000 = <u>PQ071273.D</u>	RT 750 = <u>PQ071274.D</u>
RT 500 = <u>PQ071275.D</u>	RT 250 = <u>PQ071276.D</u>	RT 050 = <u>PQ071277.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	3.87	3.87	3.87	3.87	3.87	3.87	3.77	3.97
Aroclor-1016-2	(2)	3.89	3.89	3.89	3.89	3.89	3.89	3.79	3.99
Aroclor-1016-3	(3)	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1016-4	(4)	4.10	4.10	4.10	4.10	4.10	4.10	4.00	4.20
Aroclor-1016-5	(5)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
Aroclor-1260-1	(1)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1260-2	(2)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1260-3	(3)	5.63	5.63	5.63	5.63	5.63	5.63	5.53	5.73
Aroclor-1260-4	(4)	6.09	6.09	6.09	6.09	6.10	6.09	5.99	6.19
Aroclor-1260-5	(5)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Decachlorobiphenyl		7.66	7.66	7.66	7.66	7.67	7.66	7.56	7.76
Tetrachloro-m-xylene		2.86	2.86	2.86	2.86	2.86	2.86	2.76	2.96



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3674

Calibration Date(s): 11/18/2025 11/18/2025
Calibration Times: 12:13 17:52

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

LAB FILE ID:		CF 1000 =	<u>PQ071273.D</u>	CF 750 =	<u>PQ071274.D</u>			
CF 500 =		<u>PQ071275.D</u>	CF 250 =	<u>PQ071276.D</u>	CF 050 =	<u>PQ071277.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	311209443	325306409	334960420	370775688	310495920	330549576	7
Aroclor-1016-2	(2)	454956483	483617911	488216998	532284408	419023680	475619896	9
Aroclor-1016-3	(3)	281433085	296253320	305626516	333395192	275584660	298458555	8
Aroclor-1016-4	(4)	234302490	247746569	253468024	274270176	217948160	245547084	9
Aroclor-1016-5	(5)	227588399	240337467	244778336	266881628	202488280	236414822	10
Aroclor-1260-1	(1)	403697389	422049059	431530760	470973172	509235360	447497148	9
Aroclor-1260-2	(2)	484063668	508755839	518003726	565534068	478211840	510913828	7
Aroclor-1260-3	(3)	363748675	381918643	387953578	420676408	359371540	382733769	6
Aroclor-1260-4	(4)	401463798	418074460	426123752	460070296	384990780	418144617	7
Aroclor-1260-5	(5)	815891195	848908912	857360548	908709984	730318200	832237768	8
Decachlorobiphenyl		6030880380	6352203200	6158598760	6987849240	5778207800	6261547876	7
Tetrachloro-m-xylene		8546006460	8858225840	8899975320	9586516600	7635115600	8705167964	8



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3674

Calibration Date(s): 11/18/2025 11/18/2025
Calibration Times: 12:13 17:52

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

LAB FILE ID:		CF 1000 =	<u>PQ071273.D</u>	CF 750 =	<u>PQ071274.D</u>			
CF 500 =		<u>PQ071275.D</u>	CF 250 =	<u>PQ071276.D</u>	CF 050 =	<u>PQ071277.D</u>		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	332630983	356211511	365223582	399854352	356694960	362123078	7
Aroclor-1016-2	(2)	469915964	498445101	508986280	558587480	419976800	491182325	10
Aroclor-1016-3	(3)	261212829	276527187	282397422	312410520	257410940	277991780	8
Aroclor-1016-4	(4)	206335378	219784485	225788532	249141124	220190920	224248088	7
Aroclor-1016-5	(5)	261975238	278879635	287126196	315646164	249213060	278568059	9
Aroclor-1260-1	(1)	470834211	499030651	506558908	553760816	464449480	498926813	7
Aroclor-1260-2	(2)	578885125	611817109	624534876	679410500	537231520	606375826	9
Aroclor-1260-3	(3)	569533507	586805373	600799622	662489508	536292560	591184114	8
Aroclor-1260-4	(4)	474748397	501533260	509116144	552472196	439023960	495378791	9
Aroclor-1260-5	(5)	1113907697	1165903804	1178172802	1262924788	1020520040	1148285826	8
Decachlorobiphenyl		8663334660	9173331373	9334286420	10163392120	8354125200	9137693955	8
Tetrachloro-m-xylene		9084208260	9541859853	9573016560	10330655880	8153694800	9336687071	9



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3674

Instrument ID: ECD_Q Date(s) Analyzed: 11/18/2025 11/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.62	3.52	3.72	108487000
		2	3.70	3.60	3.80	79330000
		3	3.77	3.67	3.87	243616000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.76	3.66	3.86	197386000
		2	4.24	4.14	4.34	102466000
		3	4.52	4.42	4.62	207190000
		4	4.67	4.57	4.77	103833000
		5	4.81	4.71	4.91	84473000
Aroclor-1242	500	1	4.50	4.40	4.60	260736000
		2	4.52	4.42	4.62	380776000
		3	4.58	4.48	4.68	243244000
		4	4.67	4.57	4.77	194314000
		5	5.34	5.24	5.44	199781000
Aroclor-1248	500	1	4.50	4.40	4.60	190494000
		2	4.76	4.66	4.86	243288000
		3	4.95	4.85	5.05	293826000
		4	5.31	5.21	5.41	262878000
		5	5.34	5.24	5.44	338346000
Aroclor-1254	500	1	5.31	5.21	5.41	347360000
		2	5.53	5.43	5.63	541824000
		3	5.88	5.78	5.98	575830000
		4	6.16	6.06	6.26	422490000
		5	6.57	6.47	6.67	459632000
Aroclor-1262	500	1	6.87	6.77	6.97	466646000
		2	7.18	7.08	7.28	850324000
		3	7.45	7.35	7.55	560870000
		4	7.52	7.42	7.62	438268000
		5	8.02	7.92	8.12	283976000
Aroclor-1268	500	1	7.45	7.35	7.55	1020760000
		2	7.53	7.43	7.63	946750000
		3	7.71	7.61	7.81	777898000
		4	8.02	7.92	8.12	338330000
		5	8.31	8.21	8.41	2294740000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3674

Instrument ID: ECD_Q Date(s) Analyzed: 11/18/2025 11/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.06	2.96	3.16	114922000
		2	3.14	3.04	3.24	85299000
		3	3.21	3.11	3.31	258550000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.21	3.11	3.31	212032000
		2	3.89	3.79	3.99	216600000
		3	4.05	3.95	4.15	118883000
		4	4.14	4.04	4.24	93895400
		5	4.30	4.20	4.40	108074000
Aroclor-1242	500	1	3.87	3.77	3.97	289516000
		2	3.89	3.79	3.99	402834000
		3	4.05	3.95	4.15	233896000
		4	4.14	4.04	4.24	199829000
		5	4.64	4.54	4.74	263286000
Aroclor-1248	500	1	3.87	3.77	3.97	212876000
		2	4.10	4.00	4.20	284018000
		3	4.14	4.04	4.24	280112000
		4	4.30	4.20	4.40	346384000
		5	4.67	4.57	4.77	348638000
Aroclor-1254	500	1	4.64	4.54	4.74	535868000
		2	4.78	4.68	4.88	458782000
		3	5.17	5.07	5.27	759300000
		4	5.39	5.29	5.49	499818000
		5	5.80	5.70	5.90	692230000
Aroclor-1262	500	1	5.85	5.75	5.95	639510000
		2	6.09	5.99	6.19	594340000
		3	6.62	6.52	6.72	477658000
		4	6.68	6.58	6.78	894350000
		5	7.17	7.07	7.27	428332000
Aroclor-1268	500	1	6.62	6.52	6.72	1440040000
		2	6.68	6.58	6.78	1347710000
		3	6.88	6.78	6.98	1135760000
		4	7.17	7.07	7.27	507132000
		5	7.44	7.34	7.54	3541520000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
 Data File : PQ071273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 12:13
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 14:18:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 18 14:14:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.856	854.6E6	908.4E6	97.971	97.380
2) SA Decachlor...	8.537	7.660	603.1E6	866.3E6	98.952	96.272
Target Compounds						
3) L1 AR-1016-1	4.497	3.871	311.2E6	332.6E6	963.243	953.296
4) L1 AR-1016-2	4.516	3.888	455.0E6	469.9E6	964.736	960.088
5) L1 AR-1016-3	4.574	4.050	281.4E6	261.2E6	958.789	961.030
6) L1 AR-1016-4	4.664	4.098	234.3E6	206.3E6	960.708	954.982
7) L1 AR-1016-5	4.949	4.296	227.6E6	262.0E6	963.609	954.196
31) L7 AR-1260-1	6.043	5.297	403.7E6	470.8E6	966.676	963.449
32) L7 AR-1260-2	6.301	5.487	484.1E6	578.9E6	966.130	962.067
33) L7 AR-1260-3	6.653	5.630	363.7E6	569.5E6	967.800	973.284
34) L7 AR-1260-4	6.868	6.094	401.5E6	474.7E6	970.203	965.069
35) L7 AR-1260-5	7.175	6.338	815.9E6	1113.9E6	975.216	971.962

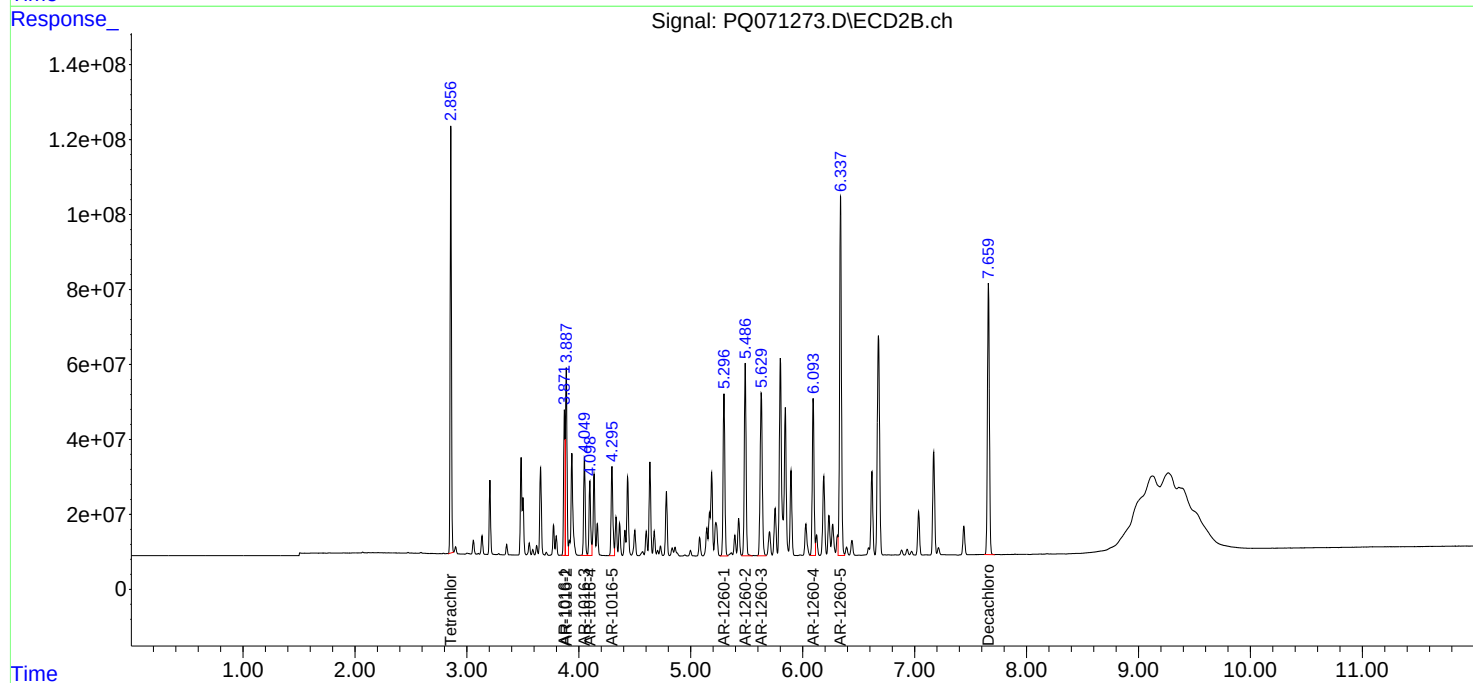
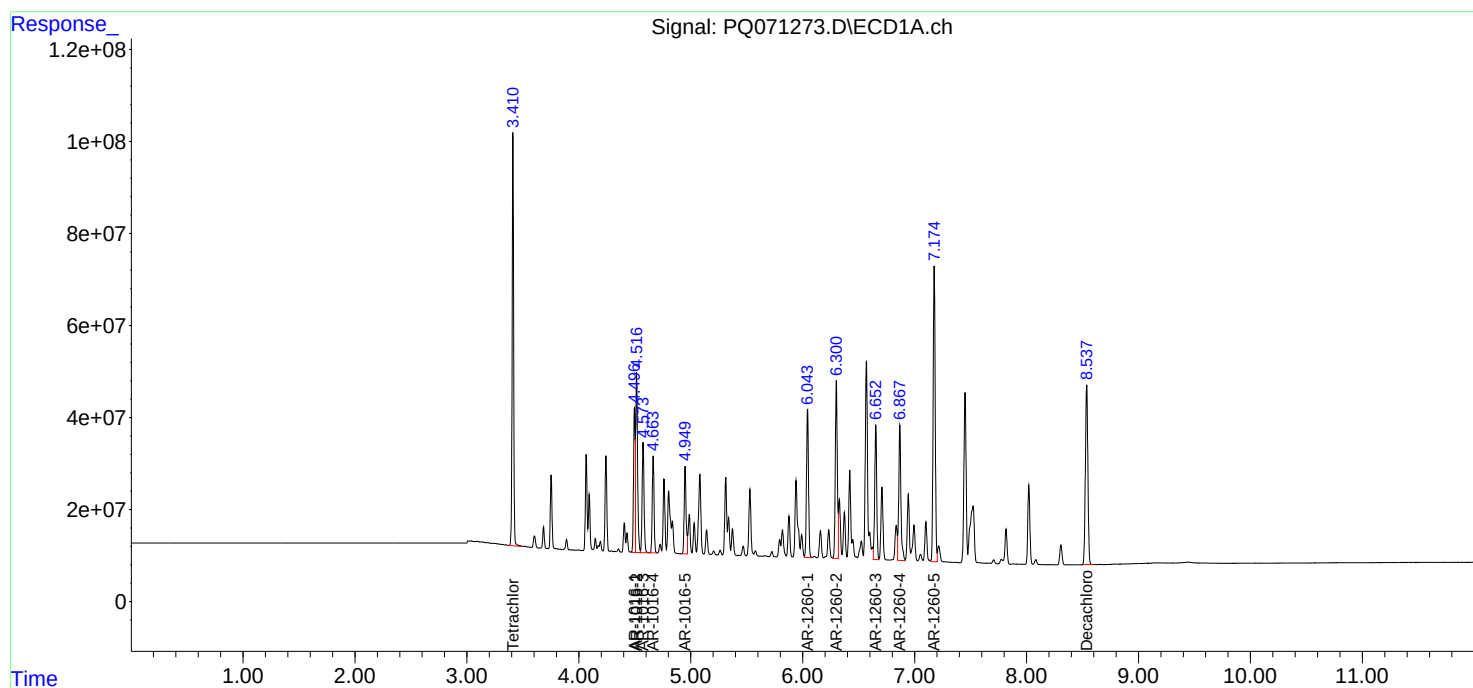
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

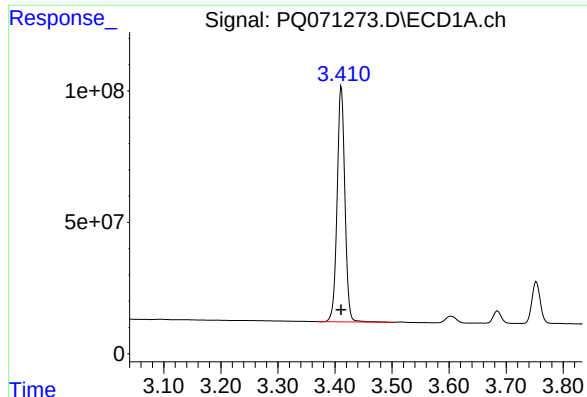
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 101 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:18:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

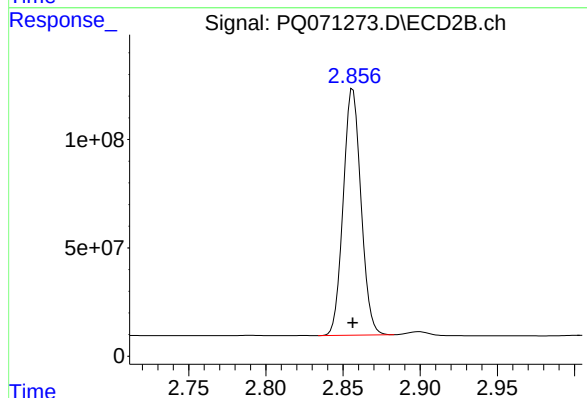




#1 Tetrachloro-m-xylene

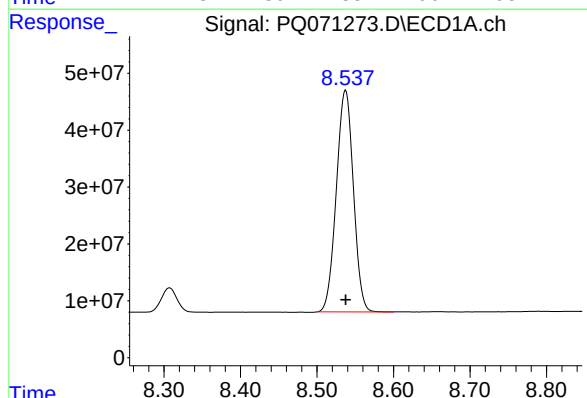
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 854600646
Conc: 97.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



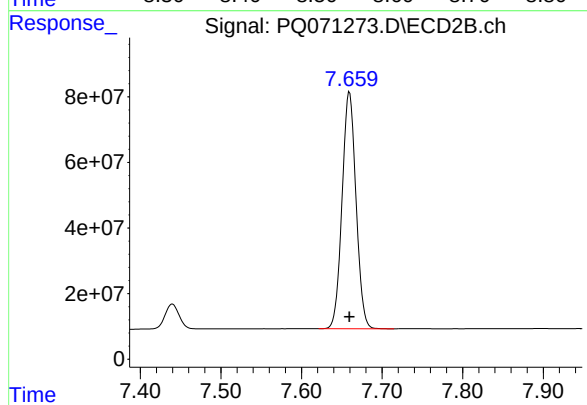
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 908420826
Conc: 97.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 603088038
Conc: 98.95 ng/ml



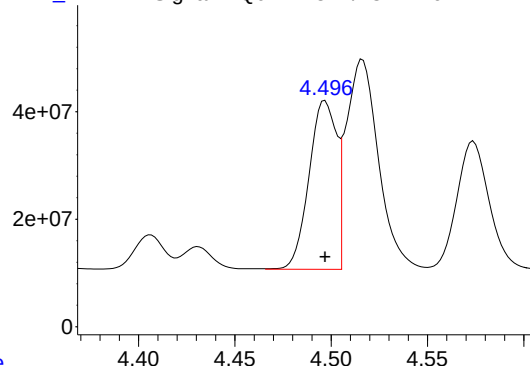
#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 866333466
Conc: 96.27 ng/ml

Response_

Signal: PQ071273.D\ECD1A.ch

#3 AR-1016-1



R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 311209443
Conc: 963.24 ng/ml

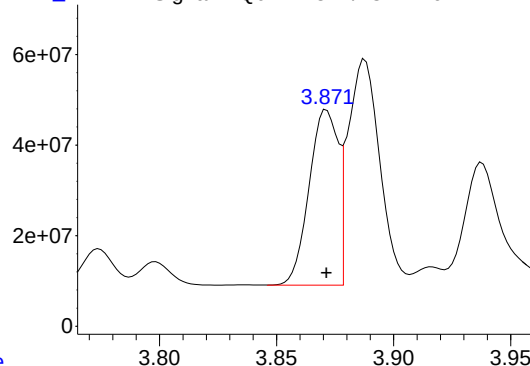
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#3 AR-1016-1



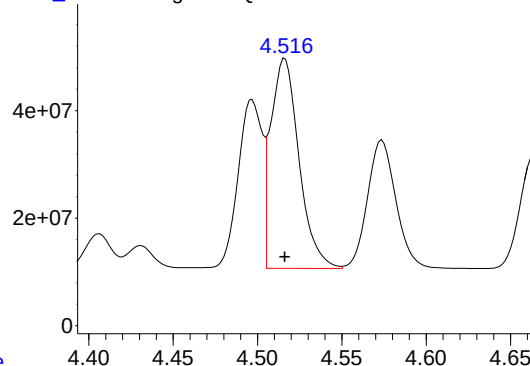
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 332630983
Conc: 953.30 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#4 AR-1016-2



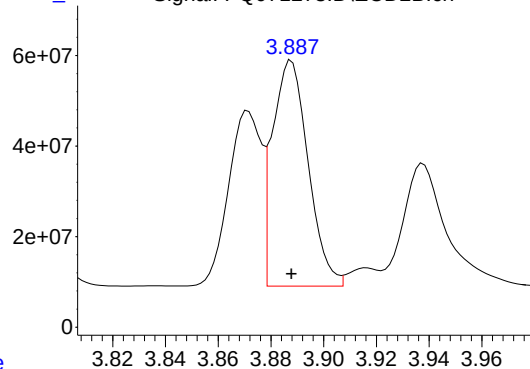
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 454956483
Conc: 964.74 ng/ml

Time

Response_

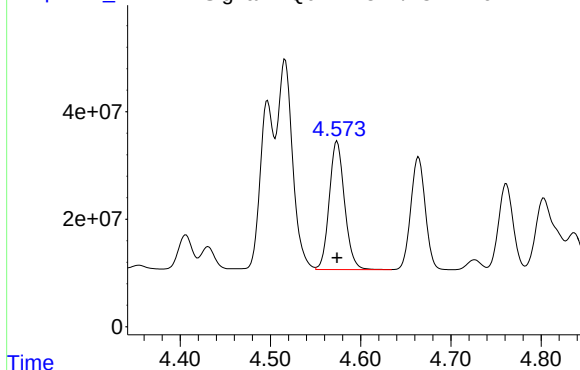
Signal: PQ071273.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 469915964
Conc: 960.09 ng/ml

Time



R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 281433085
Conc: 958.79 ng/ml

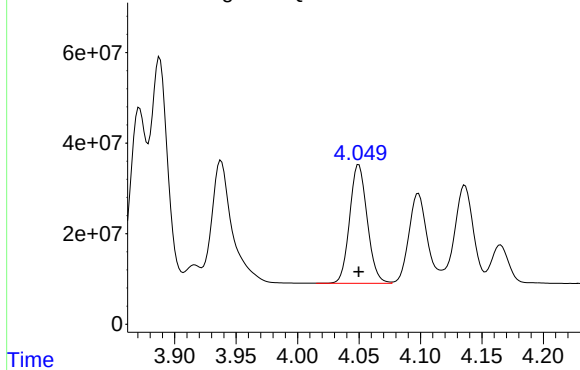
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#5 AR-1016-3



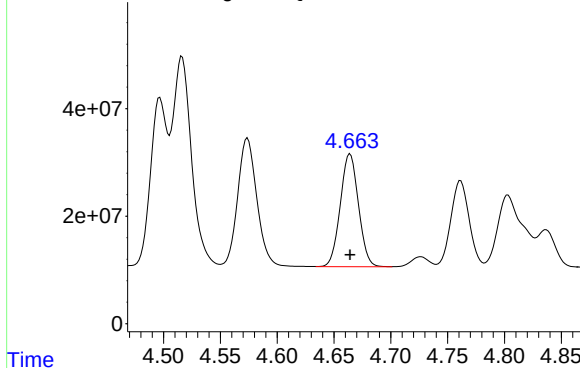
R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 261212829
Conc: 961.03 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#6 AR-1016-4



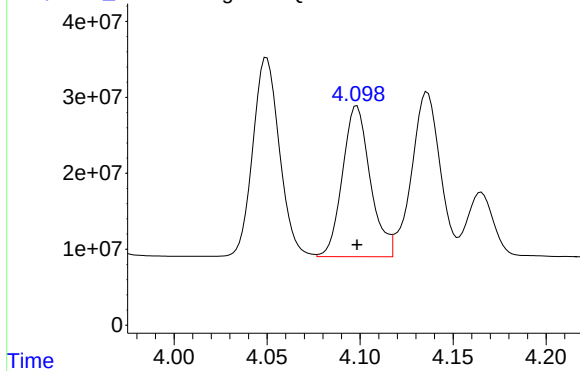
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 234302490
Conc: 960.71 ng/ml

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#6 AR-1016-4



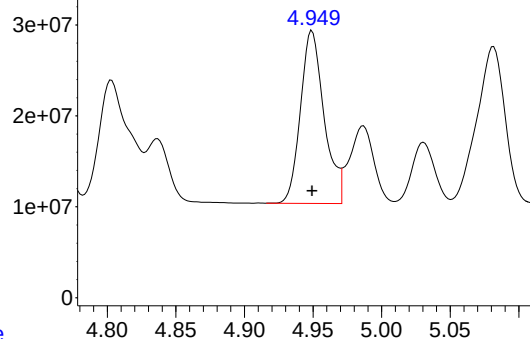
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 206335378
Conc: 954.98 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 227588399
Conc: 963.61 ng/ml

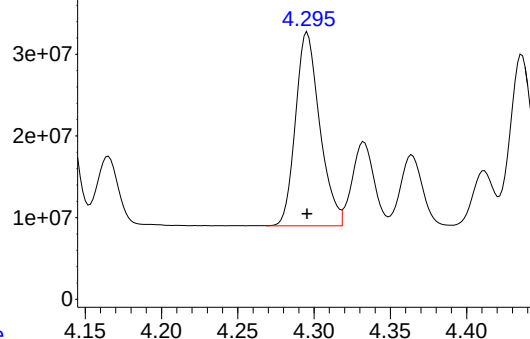
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#7 AR-1016-5



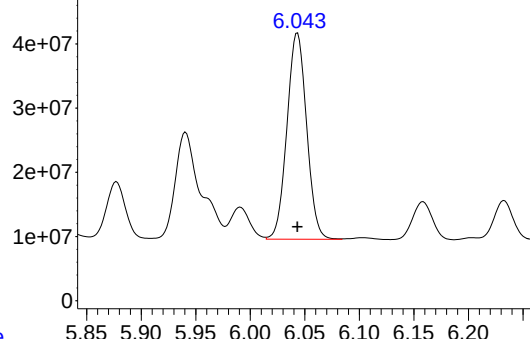
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 261975238
Conc: 954.20 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#31 AR-1260-1



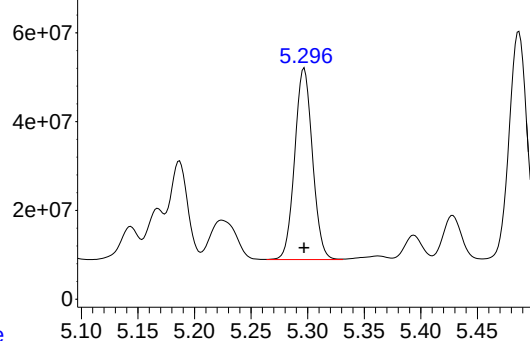
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 403697389
Conc: 966.68 ng/ml

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#31 AR-1260-1



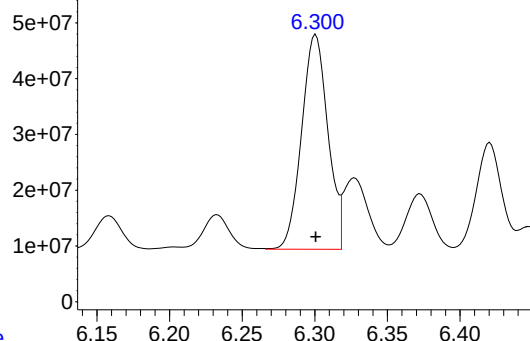
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 470834211
Conc: 963.45 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#32 AR-1260-2



R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 484063668
Conc: 966.13 ng/ml

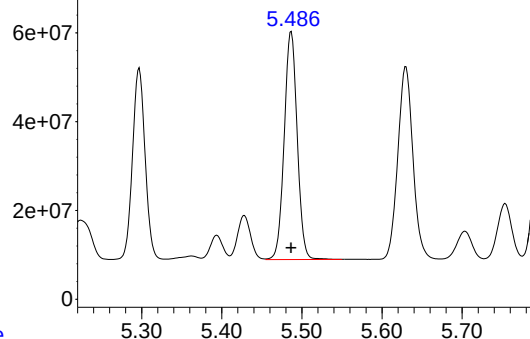
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#32 AR-1260-2



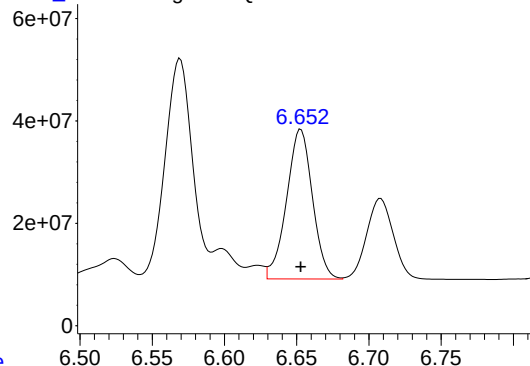
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 578885125
Conc: 962.07 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#33 AR-1260-3



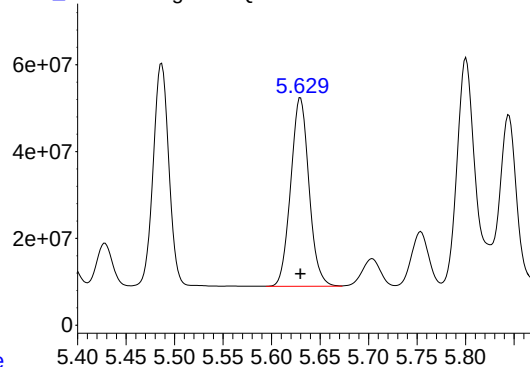
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 363748675
Conc: 967.80 ng/ml

Time

Response_

Signal: PQ071273.D\ECD2B.ch

#33 AR-1260-3



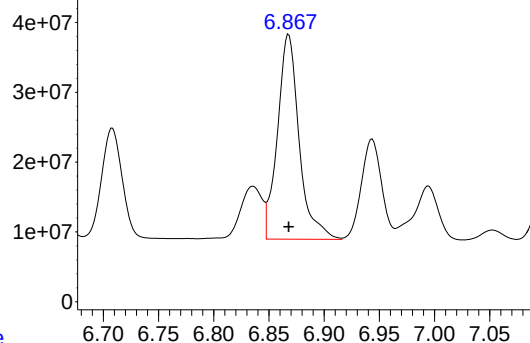
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 569533507
Conc: 973.28 ng/ml

Time

Response_

Signal: PQ071273.D\ECD1A.ch

#34 AR-1260-4



R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 401463798
Conc: 970.20 ng/ml

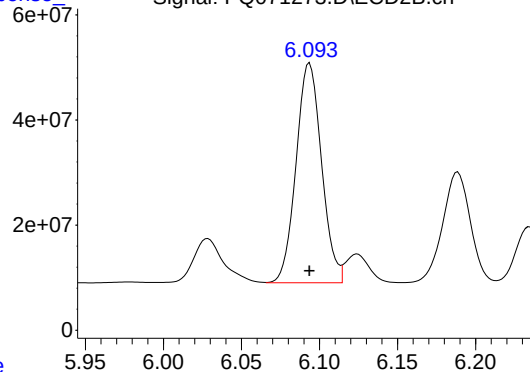
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Time

Response

Signal: PQ071273.D\ECD2B.ch

#34 AR-1260-4



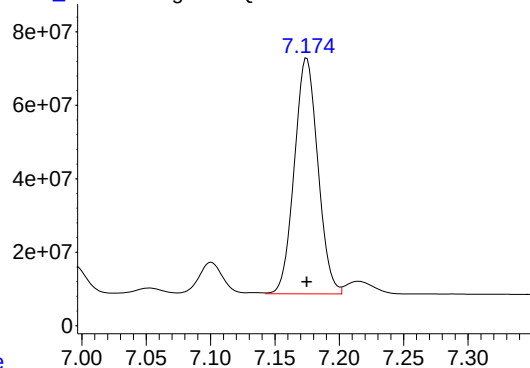
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 474748397
Conc: 965.07 ng/ml

Time

Response

Signal: PQ071273.D\ECD1A.ch

#35 AR-1260-5



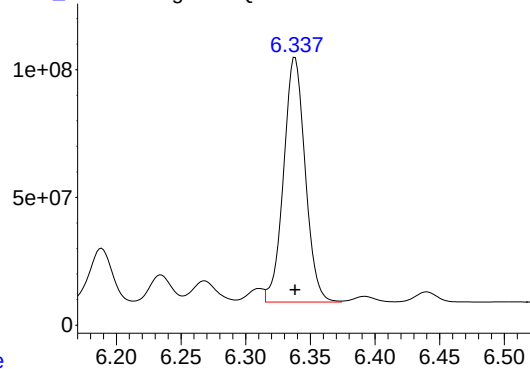
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 815891195
Conc: 975.22 ng/ml

Time

Response

Signal: PQ071273.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1113907697
Conc: 971.96 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.856	664.4E6	715.6E6	75.771	76.134
2) SA Decachlor...	8.537	7.660	476.4E6	688.0E6	77.083	75.963
Target Compounds						
3) L1 AR-1016-1	4.498	3.871	244.0E6	267.2E6	753.430	760.366
4) L1 AR-1016-2	4.516	3.888	362.7E6	373.8E6	762.648	759.132
5) L1 AR-1016-3	4.574	4.050	222.2E6	207.4E6	754.625	758.636
6) L1 AR-1016-4	4.664	4.098	185.8E6	164.8E6	757.875	758.565
7) L1 AR-1016-5	4.950	4.296	180.3E6	209.2E6	758.743	757.842
31) L7 AR-1260-1	6.043	5.297	316.5E6	374.3E6	755.291	760.499
32) L7 AR-1260-2	6.300	5.487	381.6E6	458.9E6	757.667	758.352
33) L7 AR-1260-3	6.652	5.630	286.4E6	440.1E6	758.028	751.399
34) L7 AR-1260-4	6.868	6.094	313.6E6	376.1E6	755.155	759.695
35) L7 AR-1260-5	7.175	6.339	636.7E6	874.4E6	757.305	758.616

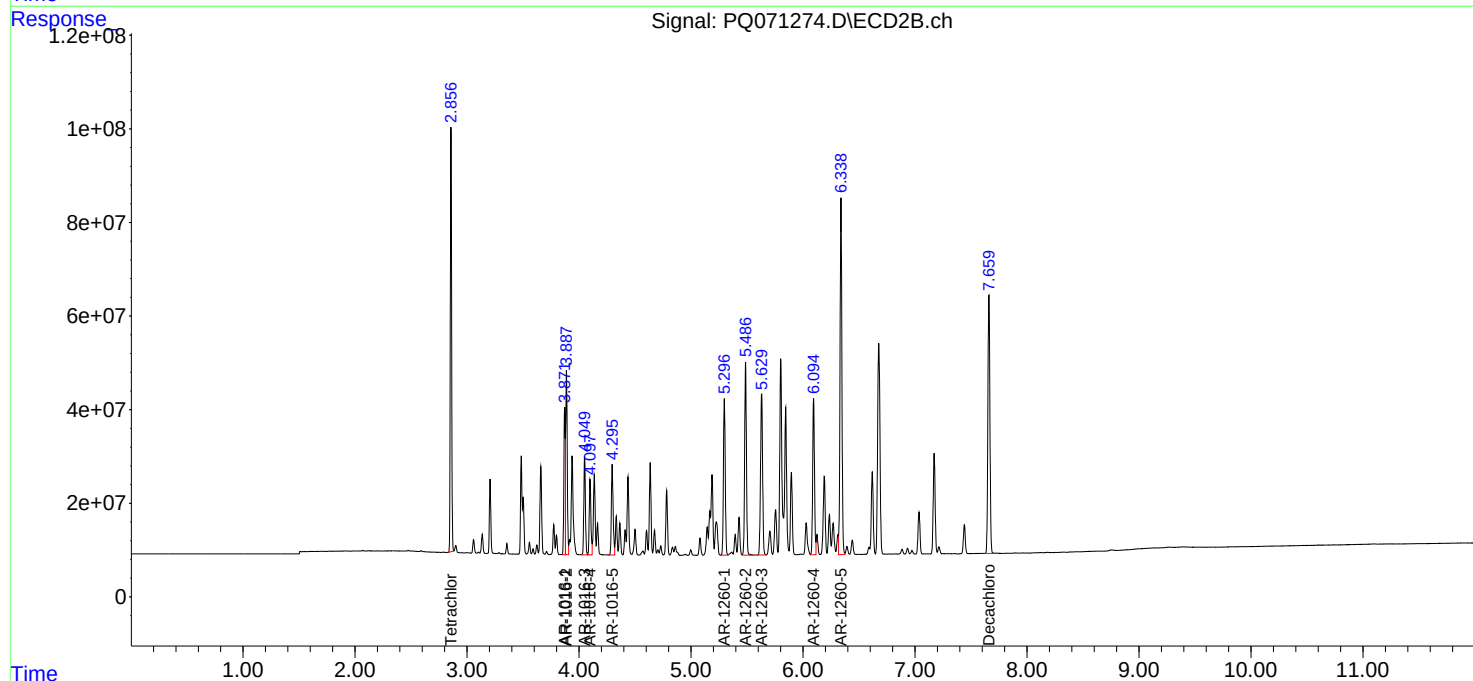
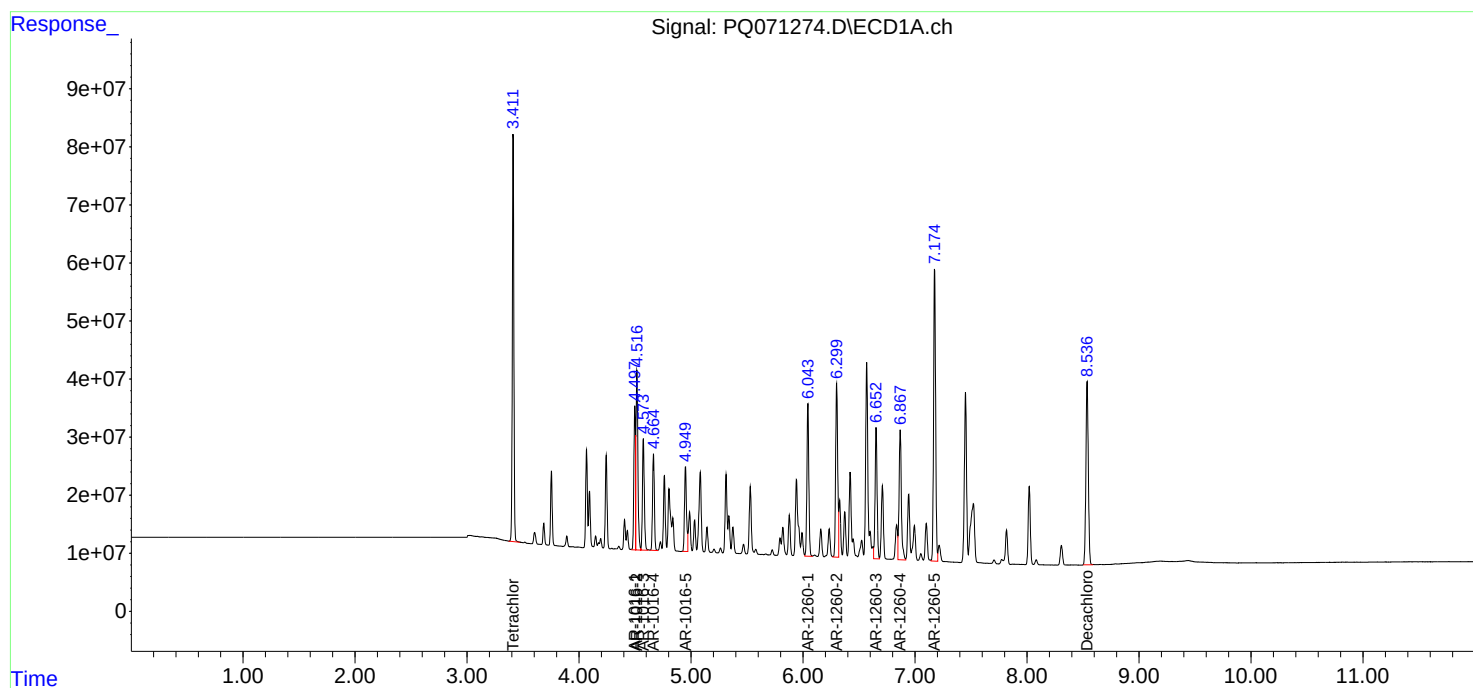
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

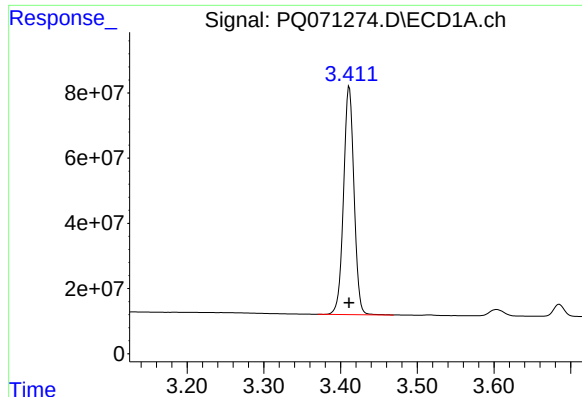
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

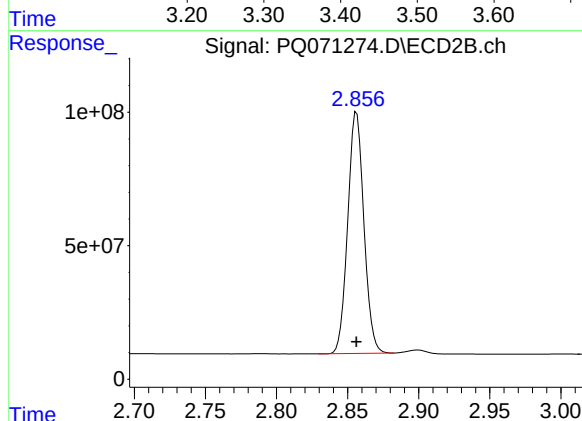




#1 Tetrachloro-m-xylene

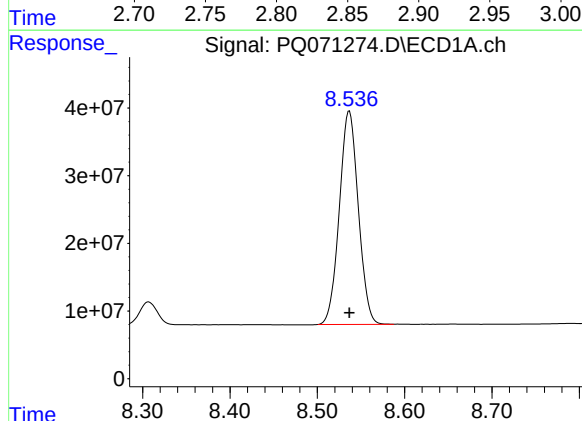
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 664366938
Conc: 75.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



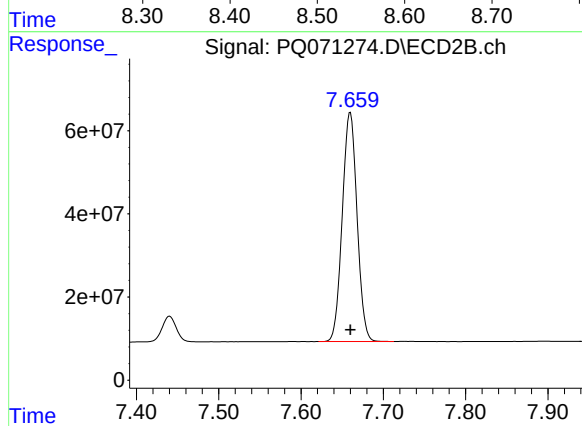
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 715639489
Conc: 76.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 476415240
Conc: 77.08 ng/ml



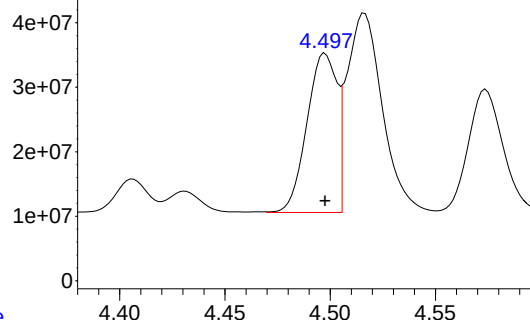
#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 687999853
Conc: 75.96 ng/ml

Response_

Signal: PQ071274.D\ECD1A.ch

#3 AR-1016-1



R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 243979807
Conc: 753.43 ng/ml

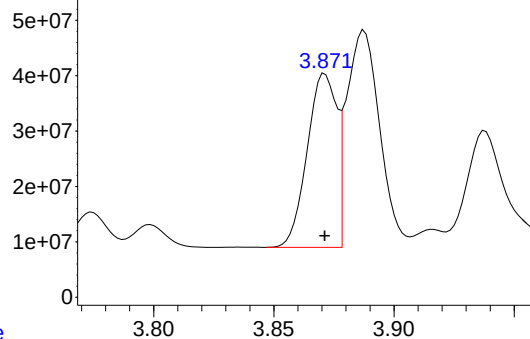
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#3 AR-1016-1



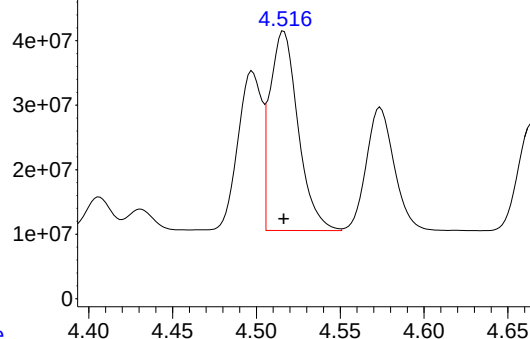
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 267158633
Conc: 760.37 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#4 AR-1016-2



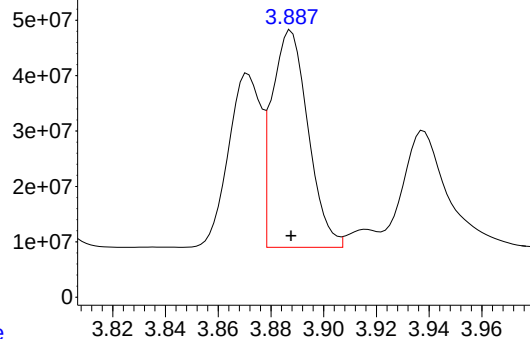
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 362713433
Conc: 762.65 ng/ml

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 373833826
Conc: 759.13 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 222189990
Conc: 754.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 207395390
Conc: 758.64 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 185809927
Conc: 757.87 ng/ml

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#6 AR-1016-4

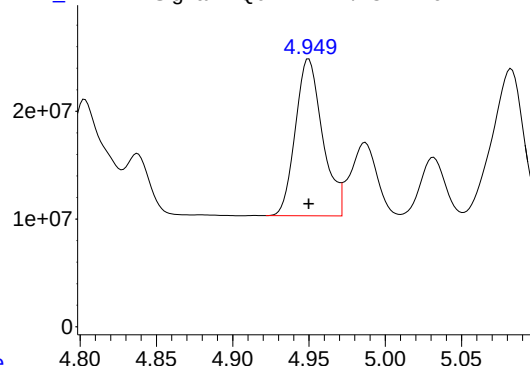
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 164838364
Conc: 758.57 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 180253100
Conc: 758.74 ng/ml

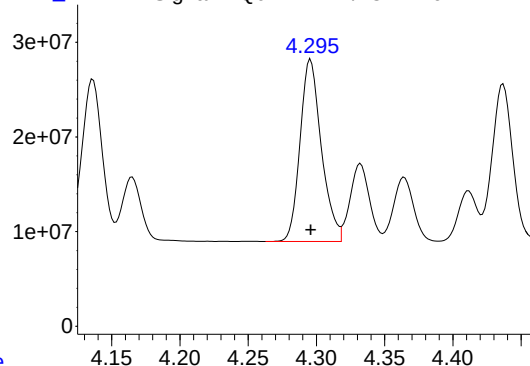
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#7 AR-1016-5



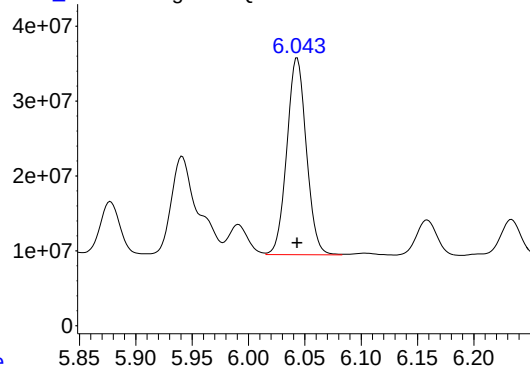
R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 209159726
Conc: 757.84 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#31 AR-1260-1



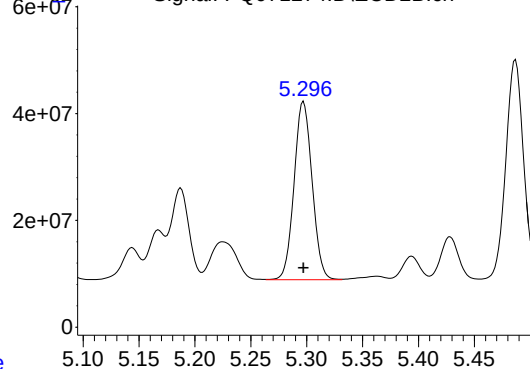
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 316536794
Conc: 755.29 ng/ml

Time

Response_

Signal: PQ071274.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 374272988
Conc: 760.50 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 381566879
Conc: 757.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Time

Response

Signal: PQ071274.D\ECD2B.ch

#32 AR-1260-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 458862832
Conc: 758.35 ng/ml

Time

Response

Signal: PQ071274.D\ECD1A.ch

#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 286438982
Conc: 758.03 ng/ml

Time

Response

Signal: PQ071274.D\ECD2B.ch

#33 AR-1260-3

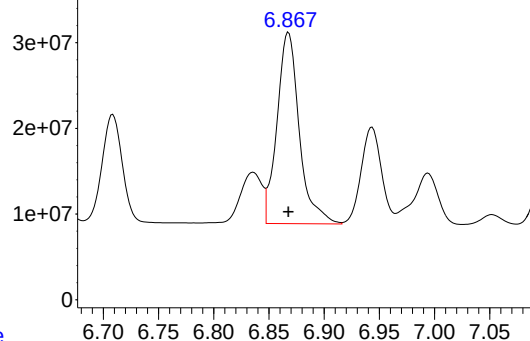
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 440104030
Conc: 751.40 ng/ml

Time

Response_

Signal: PQ071274.D\ECD1A.ch

#34 AR-1260-4



R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 313555845
Conc: 755.15 ng/ml

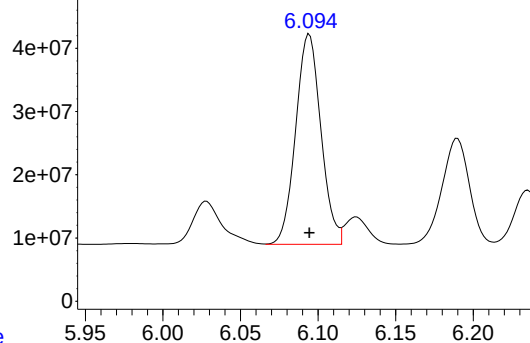
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Time

Response

Signal: PQ071274.D\ECD2B.ch

#34 AR-1260-4



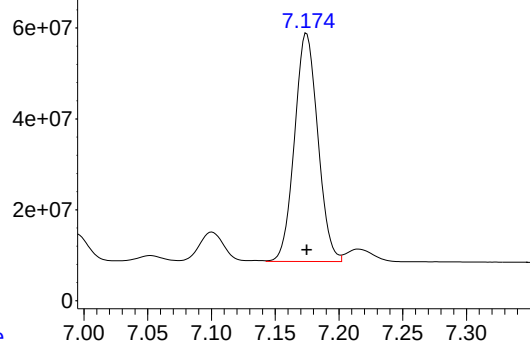
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 376149945
Conc: 759.70 ng/ml

Time

Response

Signal: PQ071274.D\ECD1A.ch

#35 AR-1260-5



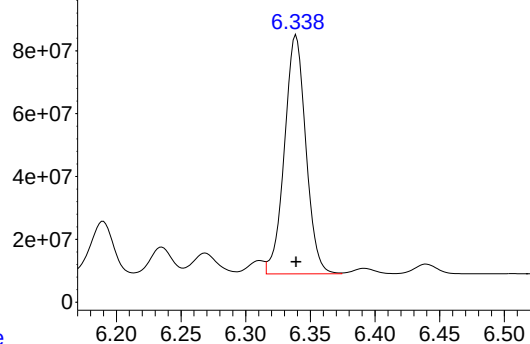
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 636681684
Conc: 757.31 ng/ml

Time

Response

Signal: PQ071274.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 874427853
Conc: 758.62 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:15:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.856	445.0E6	478.7E6	50.000	50.000
2) SA Decachlor...	8.537	7.659	307.9E6	466.7E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.497	3.871	167.5E6	182.6E6	500.000	500.000
4) L1 AR-1016-2	4.516	3.888	244.1E6	254.5E6	500.000	500.000
5) L1 AR-1016-3	4.574	4.050	152.8E6	141.2E6	500.000	500.000
6) L1 AR-1016-4	4.664	4.098	126.7E6	112.9E6	500.000	500.000
7) L1 AR-1016-5	4.949	4.295	122.4E6	143.6E6	500.000	500.000
31) L7 AR-1260-1	6.043	5.297	215.8E6	253.3E6	500.000	500.000
32) L7 AR-1260-2	6.300	5.486	259.0E6	312.3E6	500.000	500.000
33) L7 AR-1260-3	6.652	5.630	194.0E6	300.4E6	500.000	500.000
34) L7 AR-1260-4	6.867	6.093	213.1E6	254.6E6	500.000	500.000
35) L7 AR-1260-5	7.175	6.338	428.7E6	589.1E6	500.000	500.000

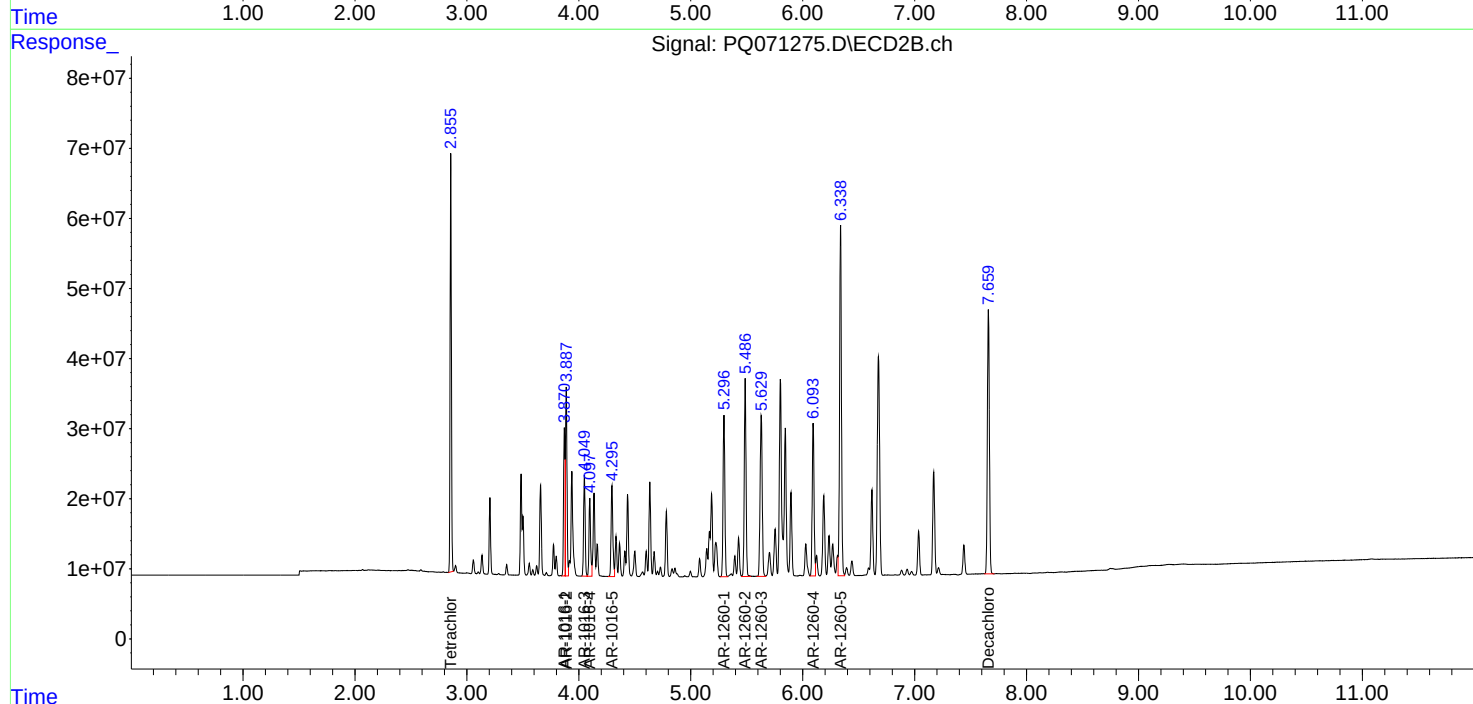
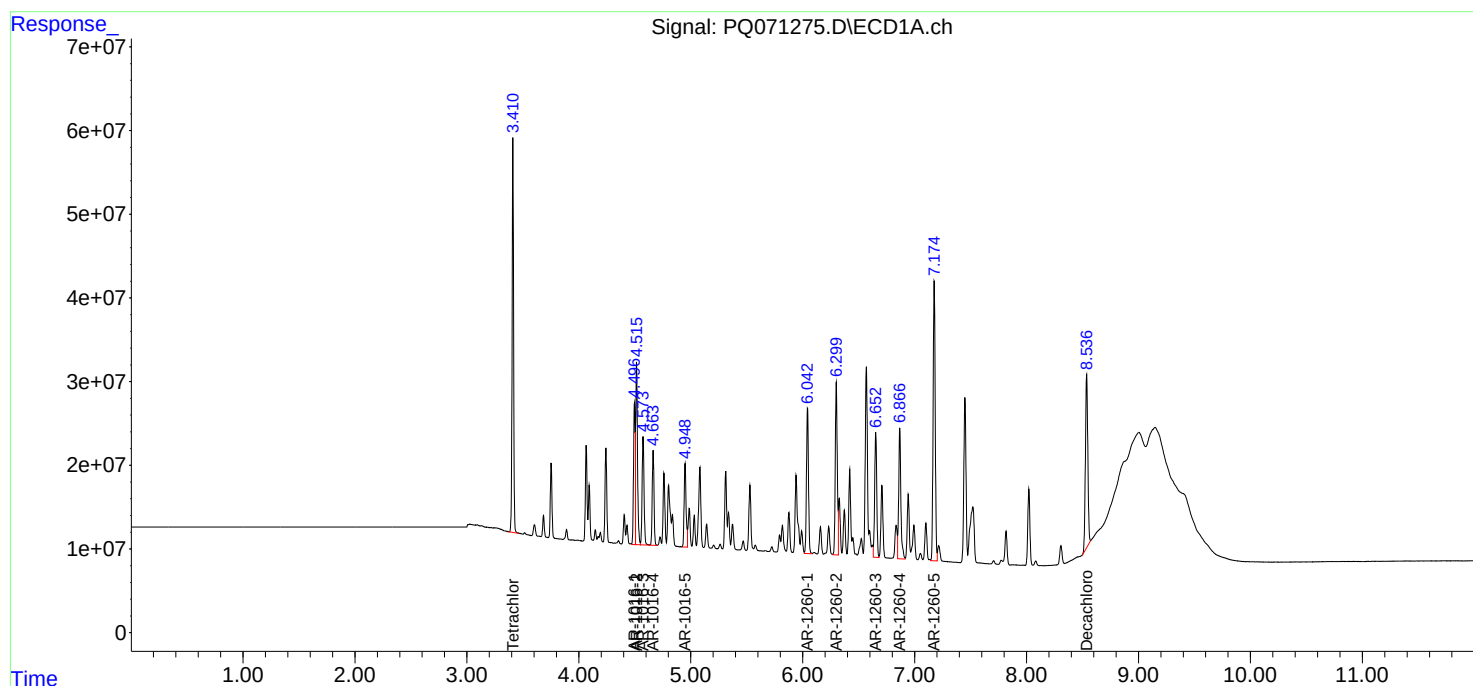
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

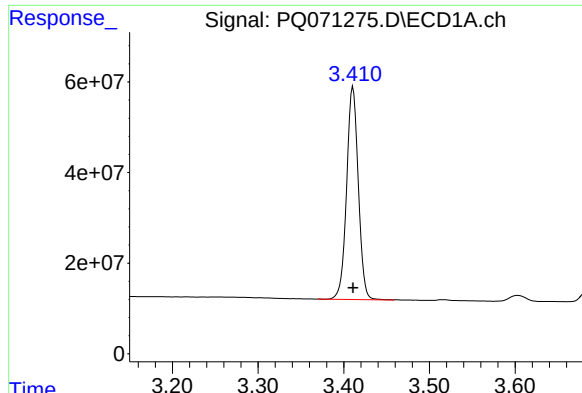
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:15:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

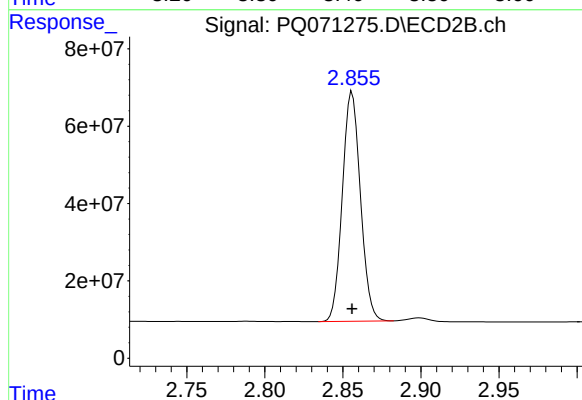




#1 Tetrachloro-m-xylene

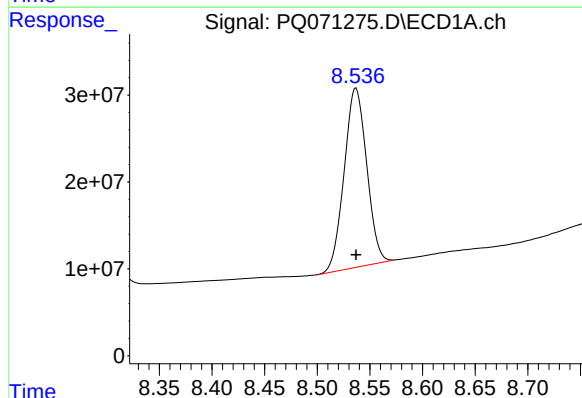
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 444998766
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



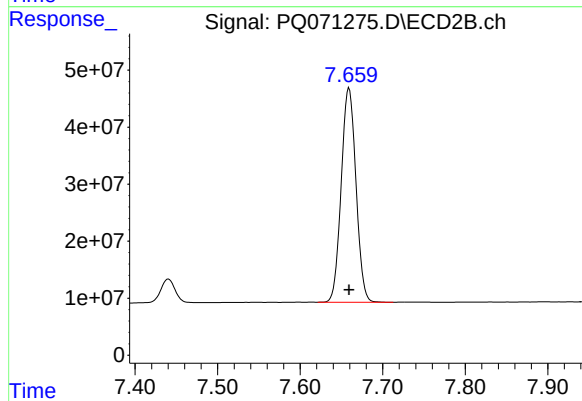
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 478650828
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 307929938
Conc: 50.00 ng/ml



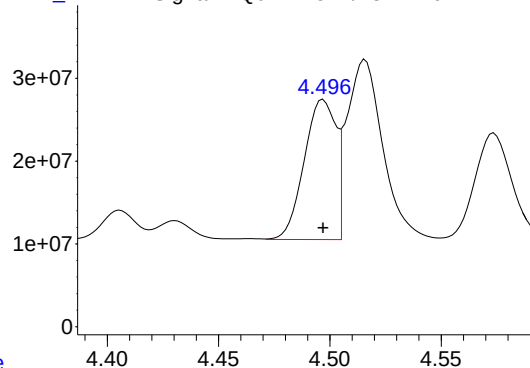
#2 Decachlorobiphenyl

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 466714321
Conc: 50.00 ng/ml

Response_

Signal: PQ071275.D\ECD1A.ch

#3 AR-1016-1



R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 167480210
Conc: 500.00 ng/ml

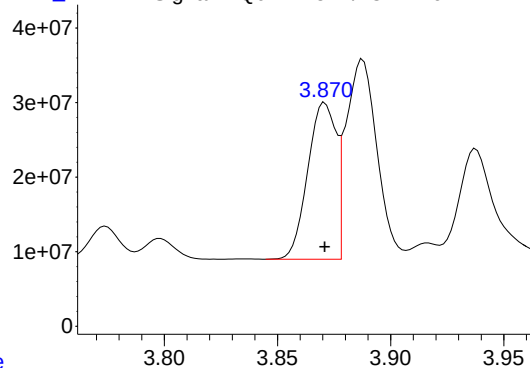
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#3 AR-1016-1



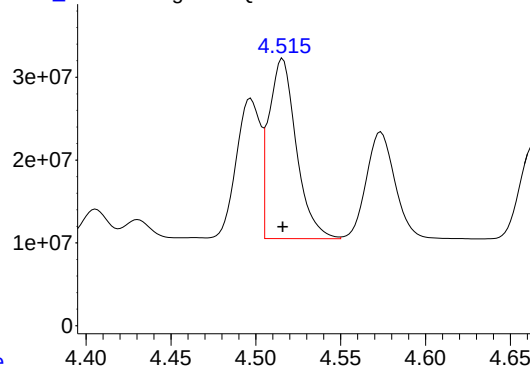
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 182611791
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD1A.ch

#4 AR-1016-2



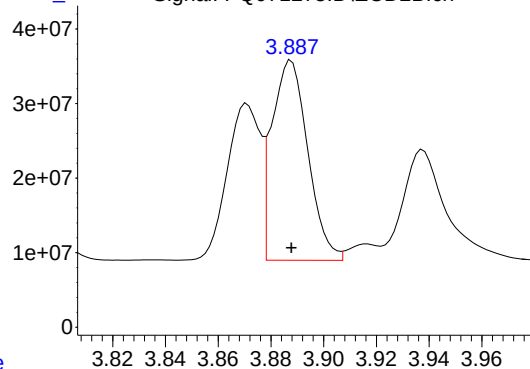
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 244108499
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 254493140
Conc: 500.00 ng/ml

Time

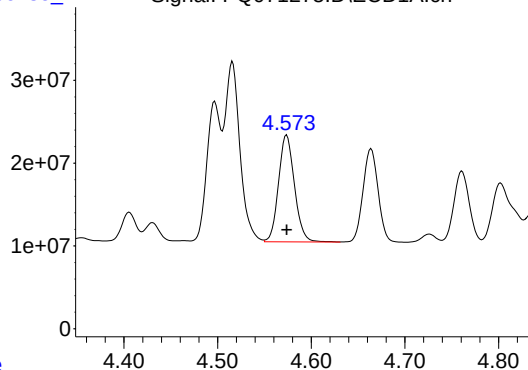
Response_

Signal: PQ071275.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 152813258
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



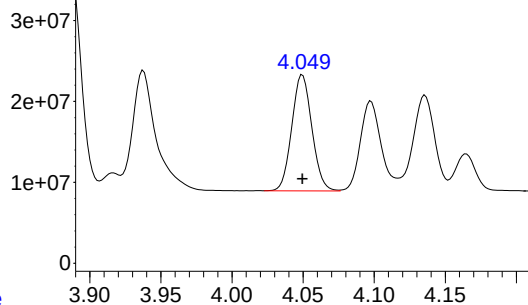
Time

Response_

Signal: PQ071275.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 141198711
Conc: 500.00 ng/ml



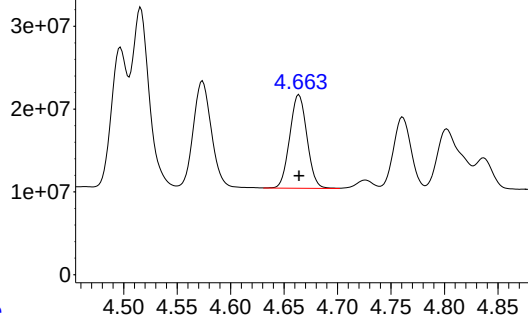
Time

Response_

Signal: PQ071275.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 126734012
Conc: 500.00 ng/ml



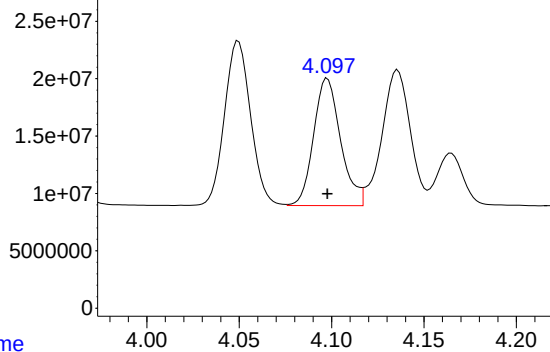
Time

Response_

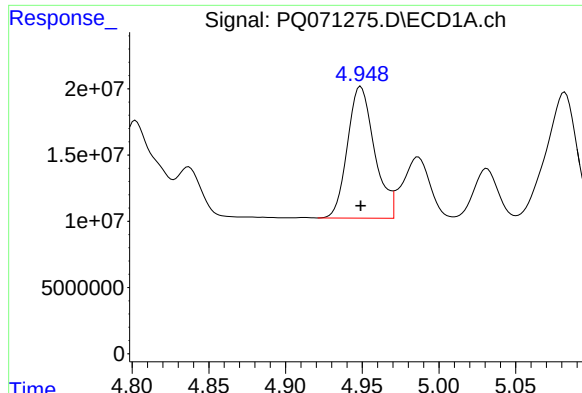
Signal: PQ071275.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 112894266
Conc: 500.00 ng/ml



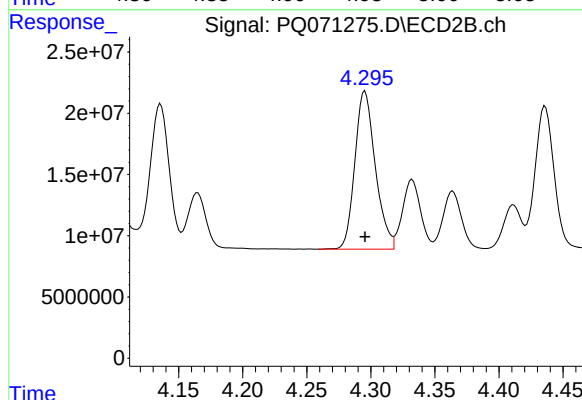
Time



#7 AR-1016-5

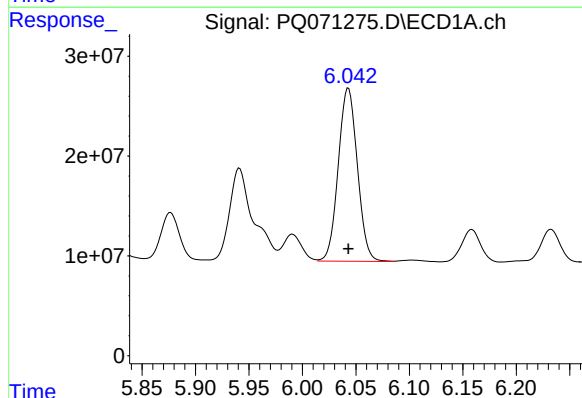
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 122389168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



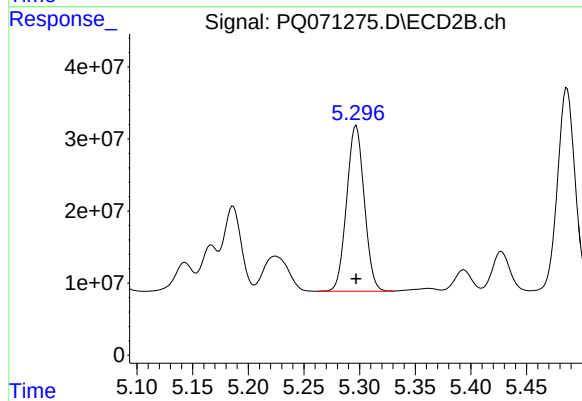
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 143563098
Conc: 500.00 ng/ml



#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 215765380
Conc: 500.00 ng/ml



#31 AR-1260-1

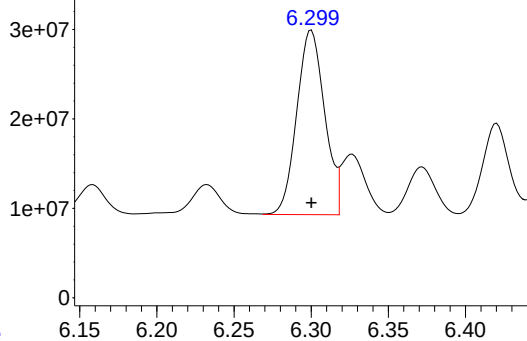
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 253279454
Conc: 500.00 ng/ml

Response_

Signal: PQ071275.D\ECD1A.ch

#32 AR-1260-2

ICAL Form



R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 259001863
Conc: 500.00 ng/ml

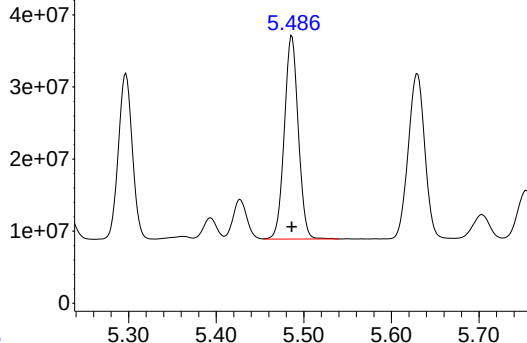
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#32 AR-1260-2



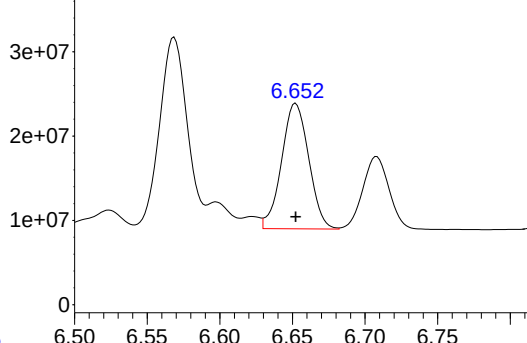
R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 312267438
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD1A.ch

#33 AR-1260-3



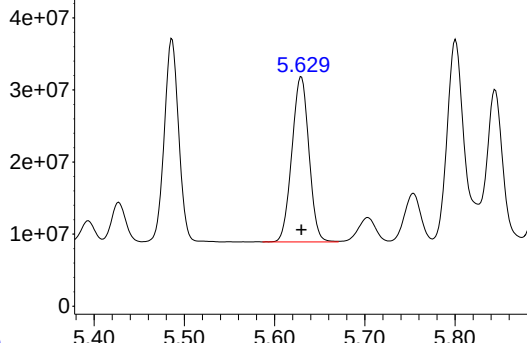
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 193976789
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#33 AR-1260-3



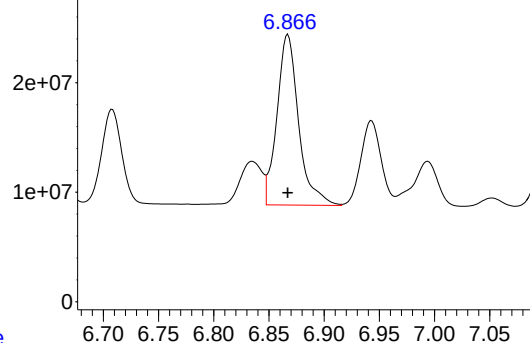
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 300399811
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD1A.ch

#34 AR-1260-4



R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 213061876
Conc: 500.00 ng/ml

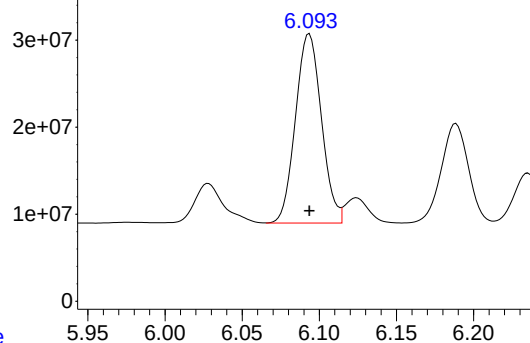
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#34 AR-1260-4



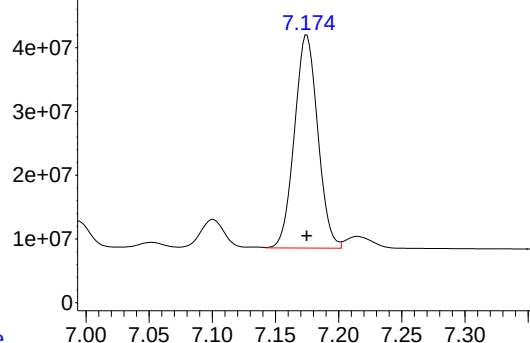
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 254558072
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD1A.ch

#35 AR-1260-5



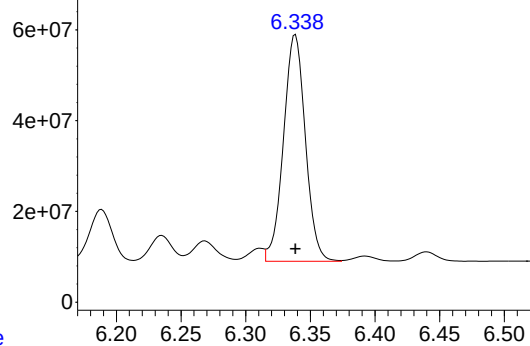
R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 428680274
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071275.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 589086401
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
 Data File : PQ071276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 12:57
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 14:25:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 18 14:14:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.857	239.7E6	258.3E6	26.710	26.812
2) SA Decachlor...	8.538	7.659	174.7E6	254.1E6	27.372	27.223
Target Compounds						
3) L1 AR-1016-1	4.497	3.872	92693922	99963588	276.234	275.018
4) L1 AR-1016-2	4.516	3.888	133.1E6	139.6E6	271.702	274.364
5) L1 AR-1016-3	4.574	4.050	83348798	78102630	274.014	275.847
6) L1 AR-1016-4	4.664	4.098	68567544	62285281	271.612	276.501
7) L1 AR-1016-5	4.949	4.296	66720407	78911541	272.443	276.004
31) L7 AR-1260-1	6.044	5.297	117.7E6	138.4E6	272.514	272.764
32) L7 AR-1260-2	6.300	5.486	141.4E6	169.9E6	272.368	272.347
33) L7 AR-1260-3	6.653	5.629	105.2E6	165.6E6	270.654	273.798
34) L7 AR-1260-4	6.867	6.094	115.0E6	138.1E6	269.720	271.103
35) L7 AR-1260-5	7.175	6.338	227.2E6	315.7E6	264.863	267.517

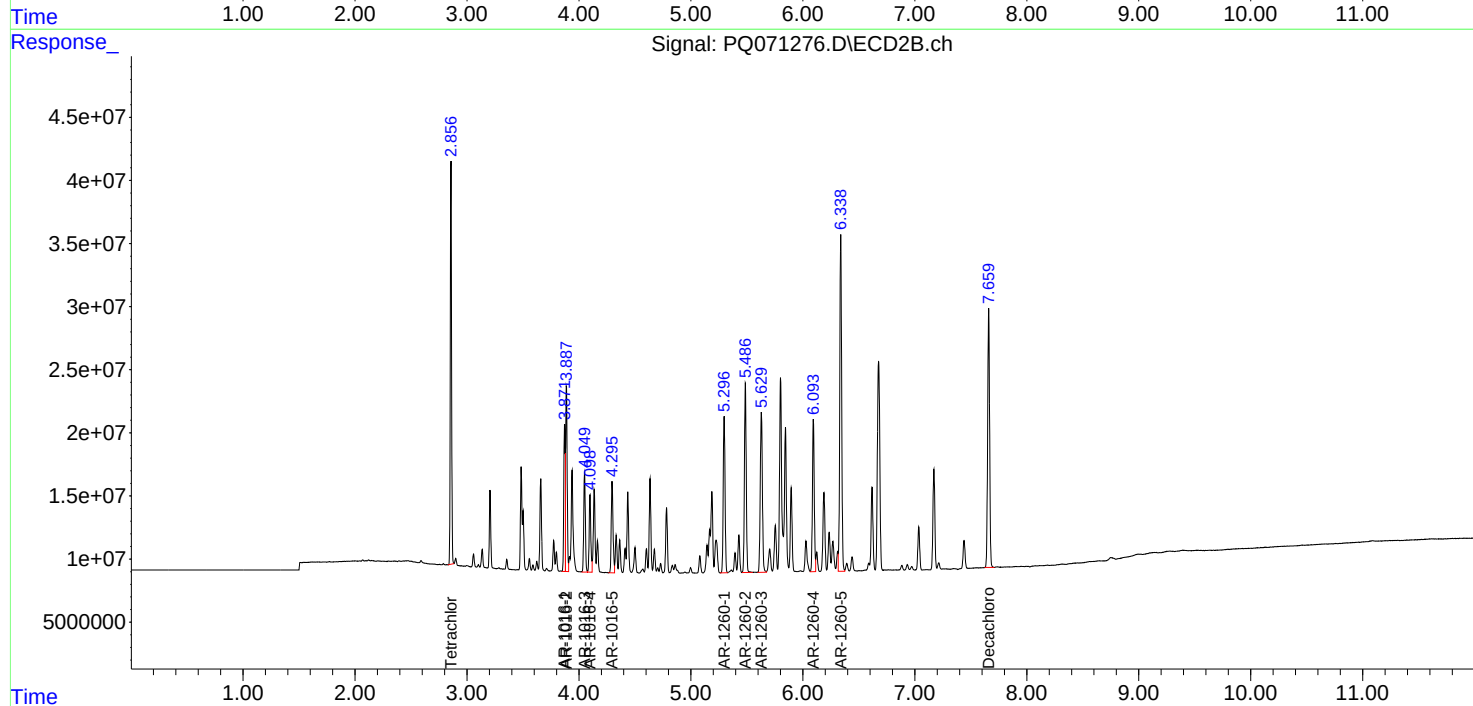
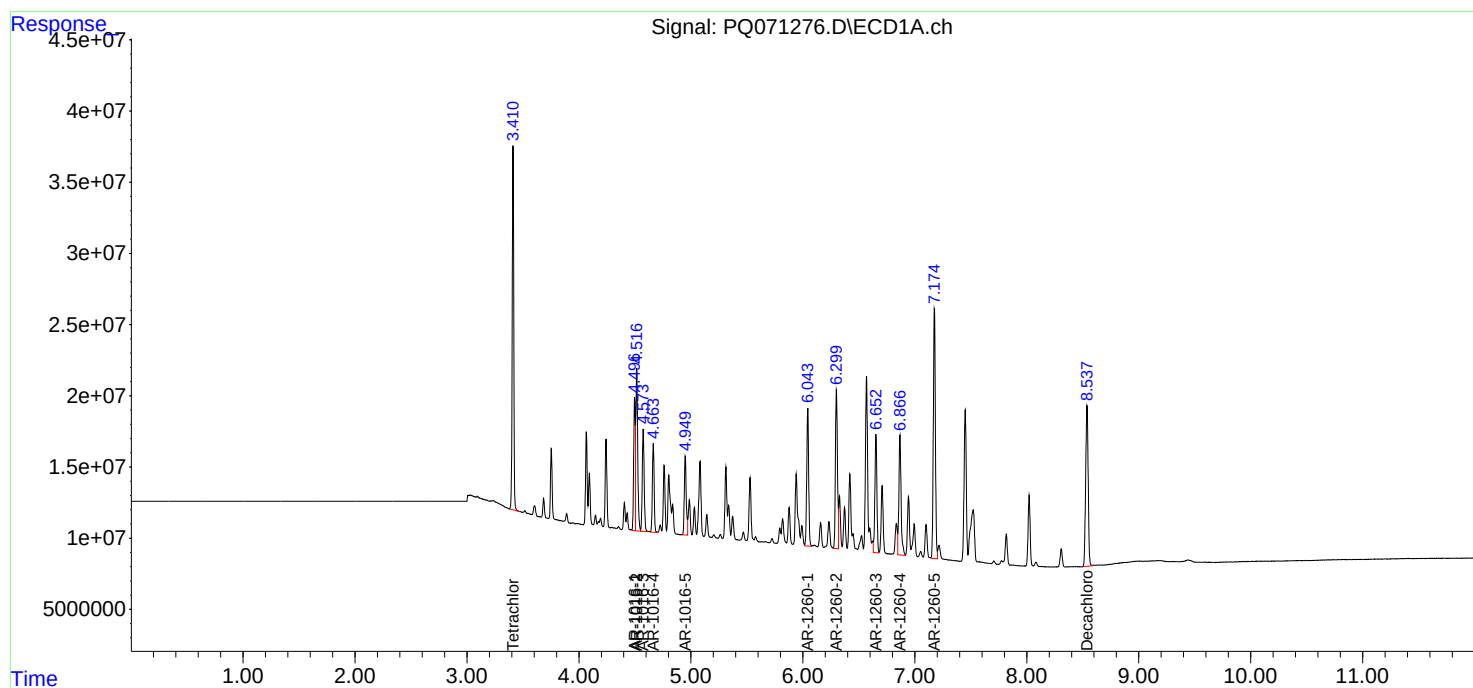
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

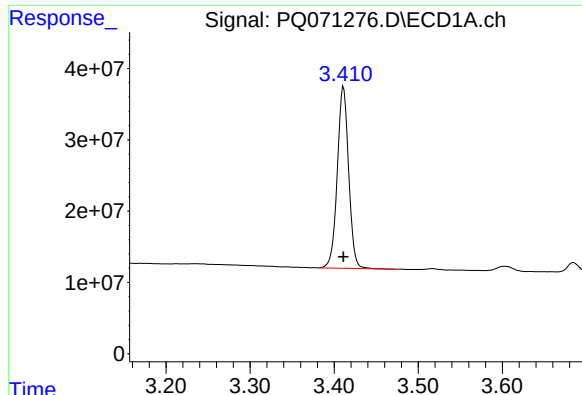
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:57
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 14:25:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 14:14:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

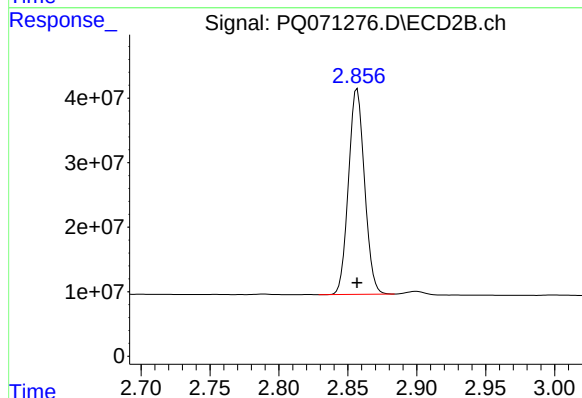




#1 Tetrachloro-m-xylene

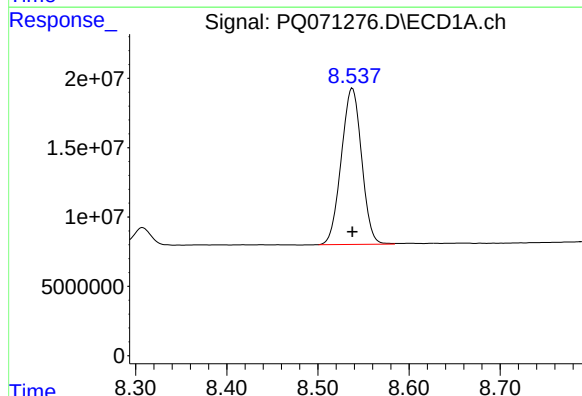
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 239662915
Conc: 26.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



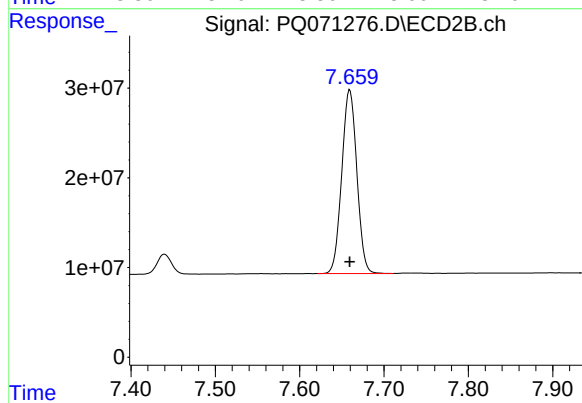
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 258266397
Conc: 26.81 ng/ml



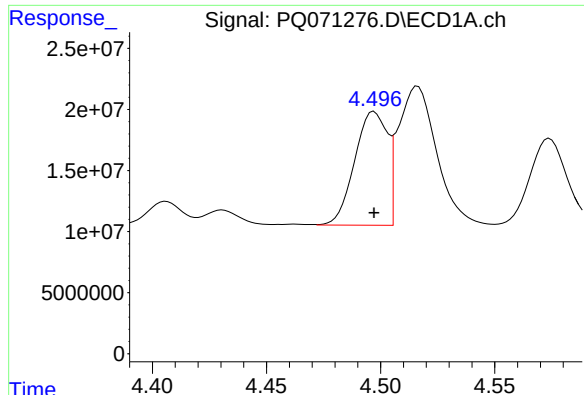
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 174696231
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

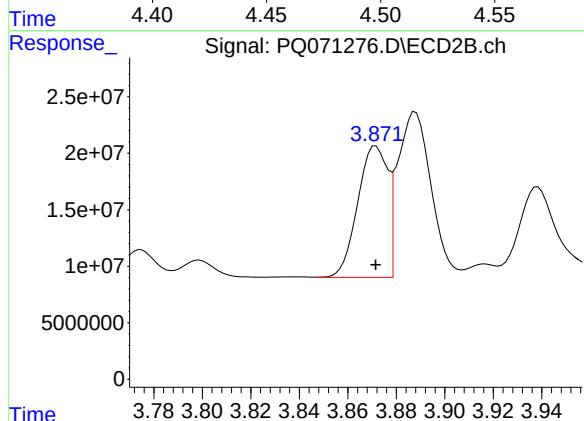
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 254084803
Conc: 27.22 ng/ml



#3 AR-1016-1

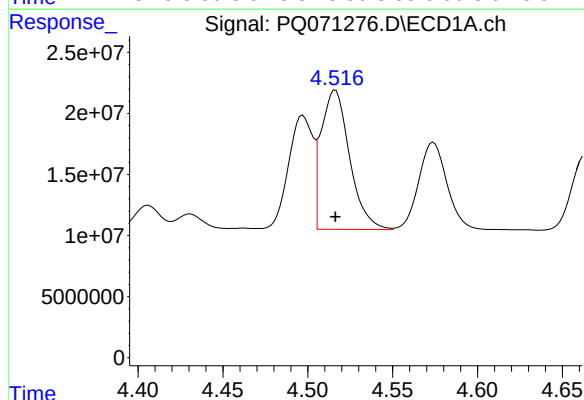
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 92693922
Conc: 276.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



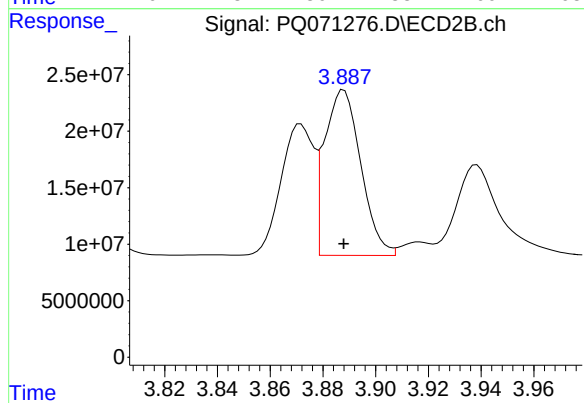
#3 AR-1016-1

R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 99963588
Conc: 275.02 ng/ml



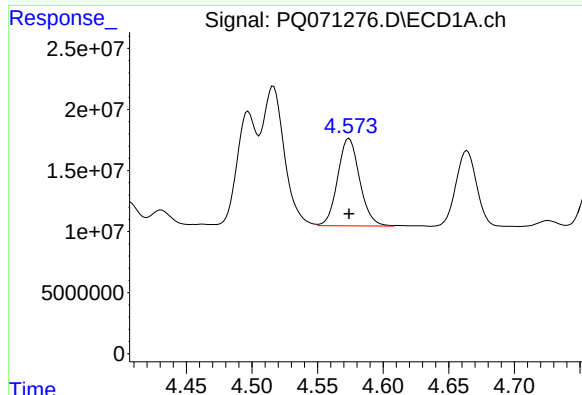
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 133071102
Conc: 271.70 ng/ml



#4 AR-1016-2

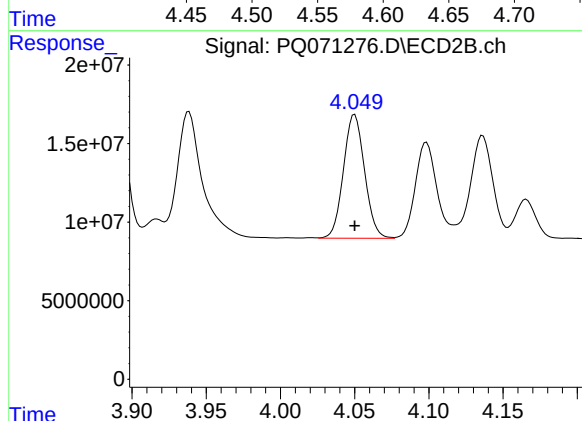
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 139646870
Conc: 274.36 ng/ml



#5 AR-1016-3

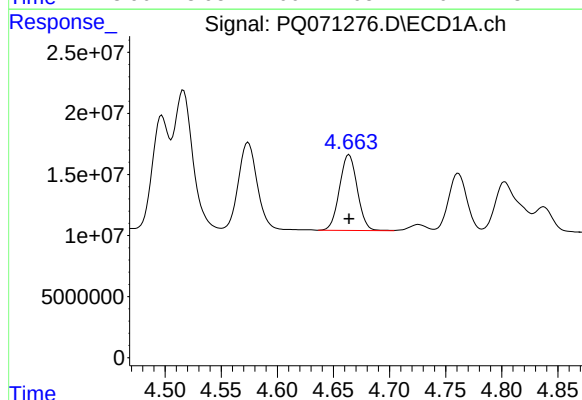
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 83348798
Conc: 274.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



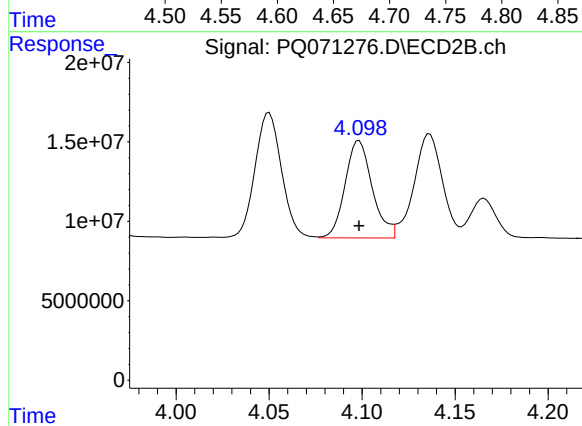
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 78102630
Conc: 275.85 ng/ml



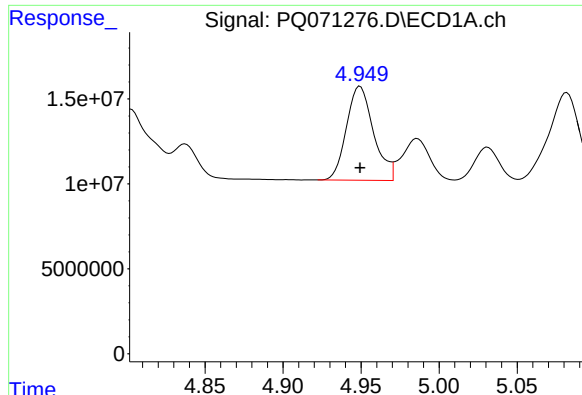
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 68567544
Conc: 271.61 ng/ml



#6 AR-1016-4

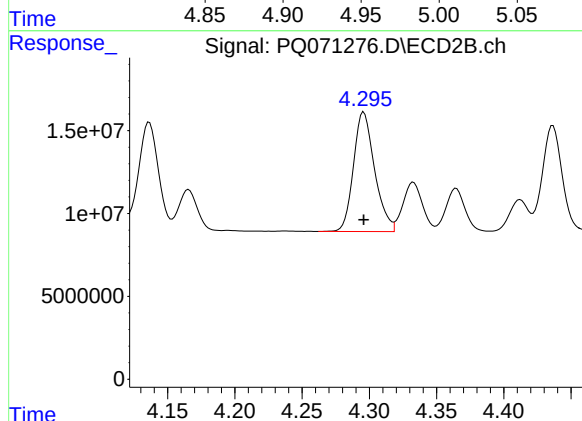
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 62285281
Conc: 276.50 ng/ml



#7 AR-1016-5

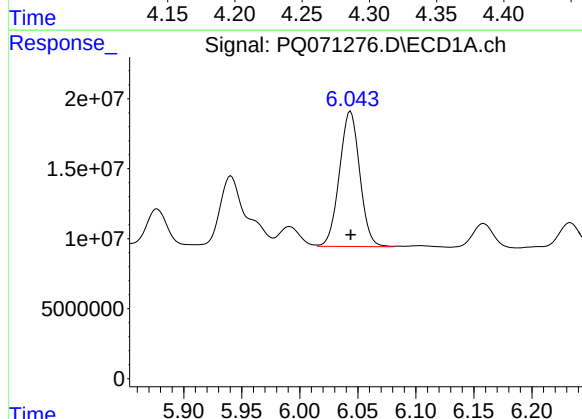
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 66720407
Conc: 272.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



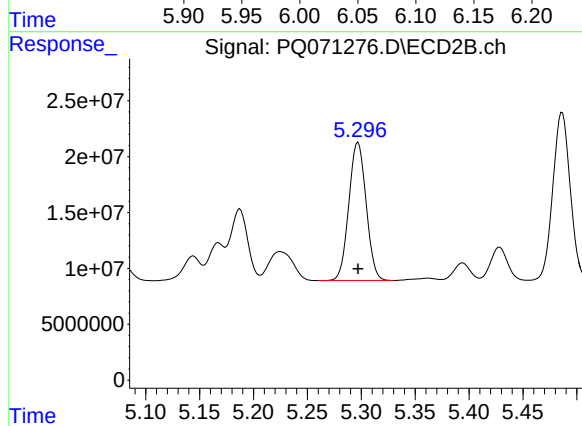
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 78911541
Conc: 276.00 ng/ml



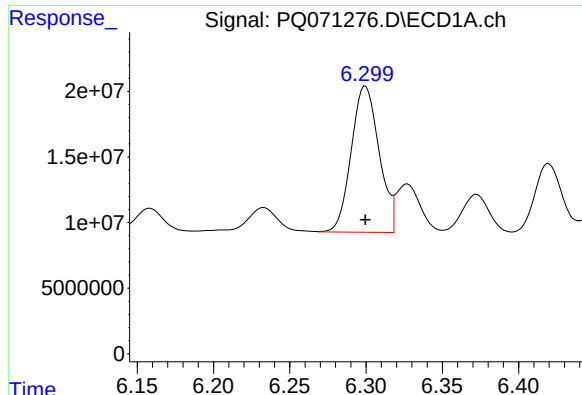
#31 AR-1260-1

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 117743293
Conc: 272.51 ng/ml



#31 AR-1260-1

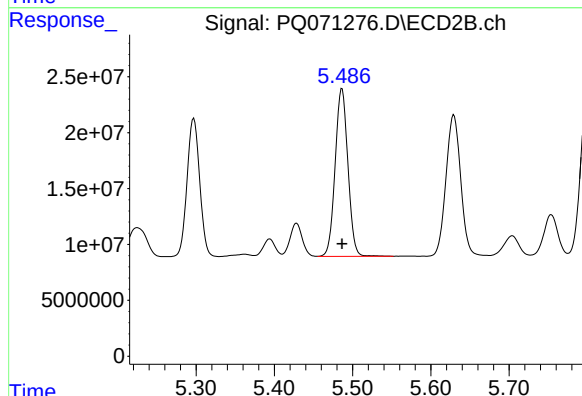
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 138440204
Conc: 272.76 ng/ml



#32 AR-1260-2

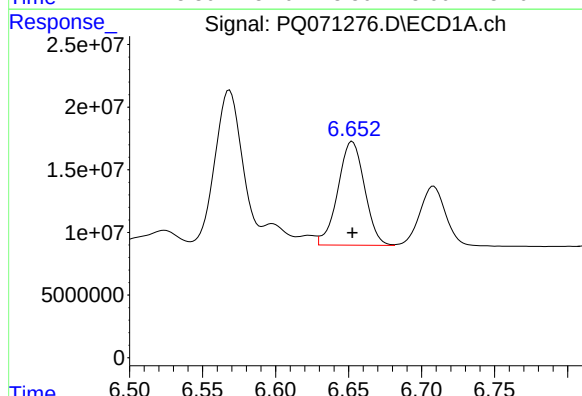
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 141383517
Conc: 272.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



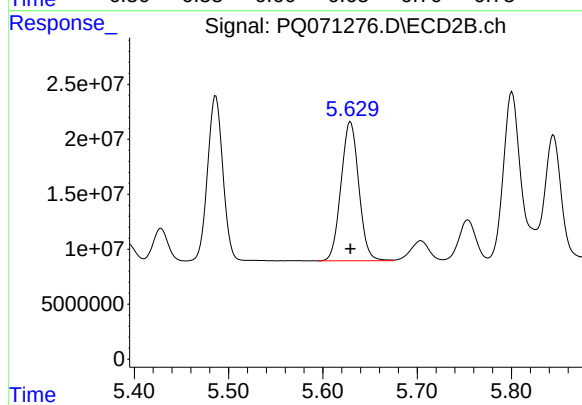
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 169852625
Conc: 272.35 ng/ml



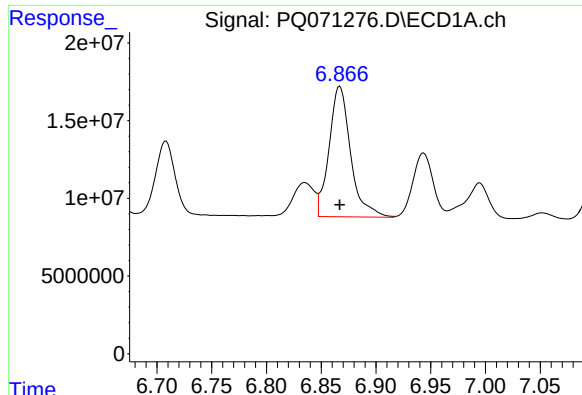
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 105169102
Conc: 270.65 ng/ml



#33 AR-1260-3

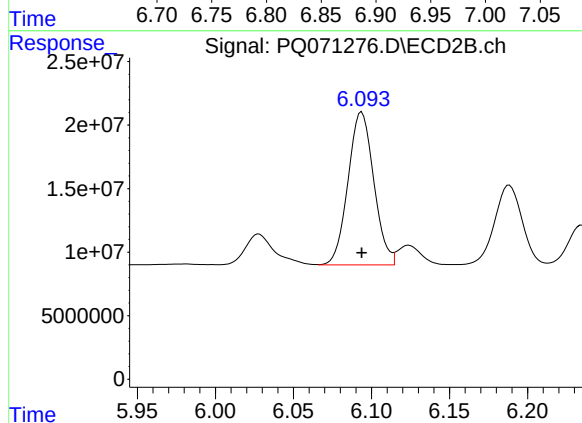
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 165622377
Conc: 273.80 ng/ml



#34 AR-1260-4

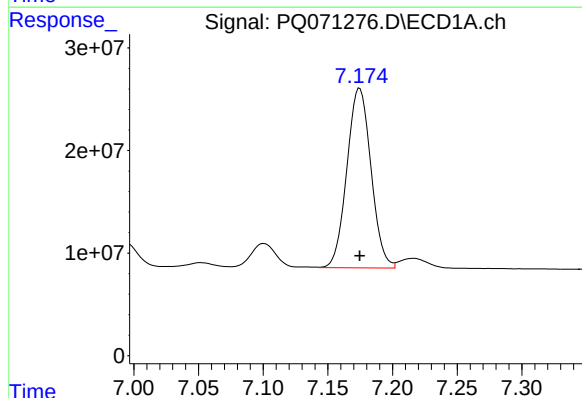
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 115017574
Conc: 269.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



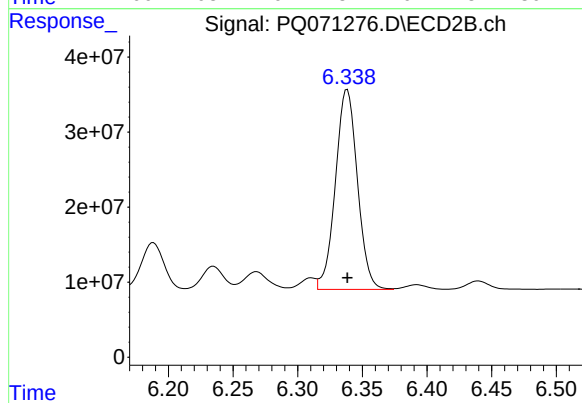
#34 AR-1260-4

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 138118049
Conc: 271.10 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 227177496
Conc: 264.86 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 315731197
Conc: 267.52 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
 Data File : PQ071277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2025 15:42
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 16:11:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 18 16:10:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.426	2.856	38175578	40768474	4.385	4.366
2) SA Decachlor...	8.562	7.666	28891039	41770626	4.614	4.585m
Target Compounds						
3) L1 AR-1016-1	4.515	3.871	15524796	17834748	46.967	50.657m
4) L1 AR-1016-2	4.533	3.888	20951184	20998840	44.050	42.478m
5) L1 AR-1016-3	4.591	4.050	13779233	12870547	46.168	46.435m
6) L1 AR-1016-4	4.681	4.099	10897408	11009546	44.380	49.734m
7) L1 AR-1016-5	4.967	4.296	10124414	12460653	42.825	44.336m
31) L7 AR-1260-1	6.061	5.299	25461768	23222474	56.898	46.468m
32) L7 AR-1260-2	6.318	5.488	23910592	26861576	47.197m	44.180m
33) L7 AR-1260-3	6.671	5.631	17968577	26814628	46.948	45.219m
34) L7 AR-1260-4	6.886	6.096	19249539	21951198	46.036	44.373m
35) L7 AR-1260-5	7.194	6.341	36515910	51026002	43.877	44.470m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 15:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 105 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR1660ICC050

Manual Integrations

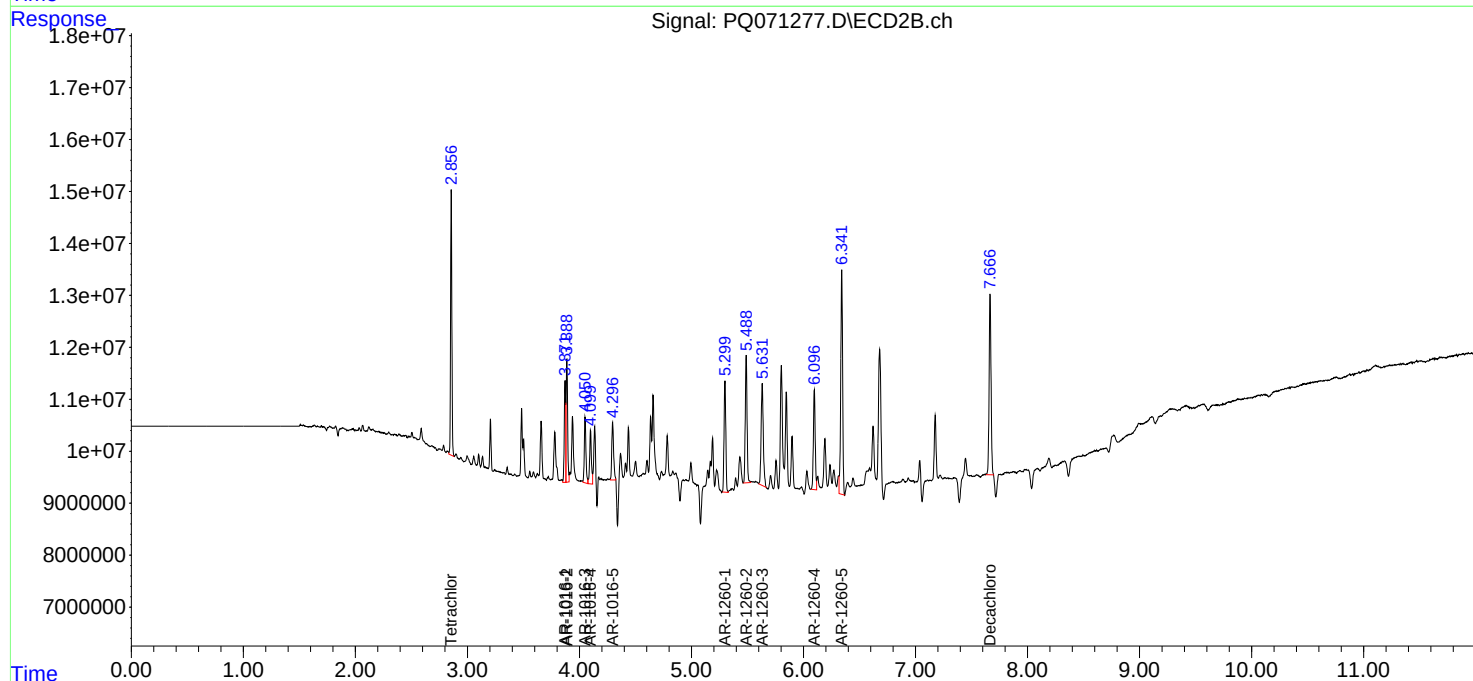
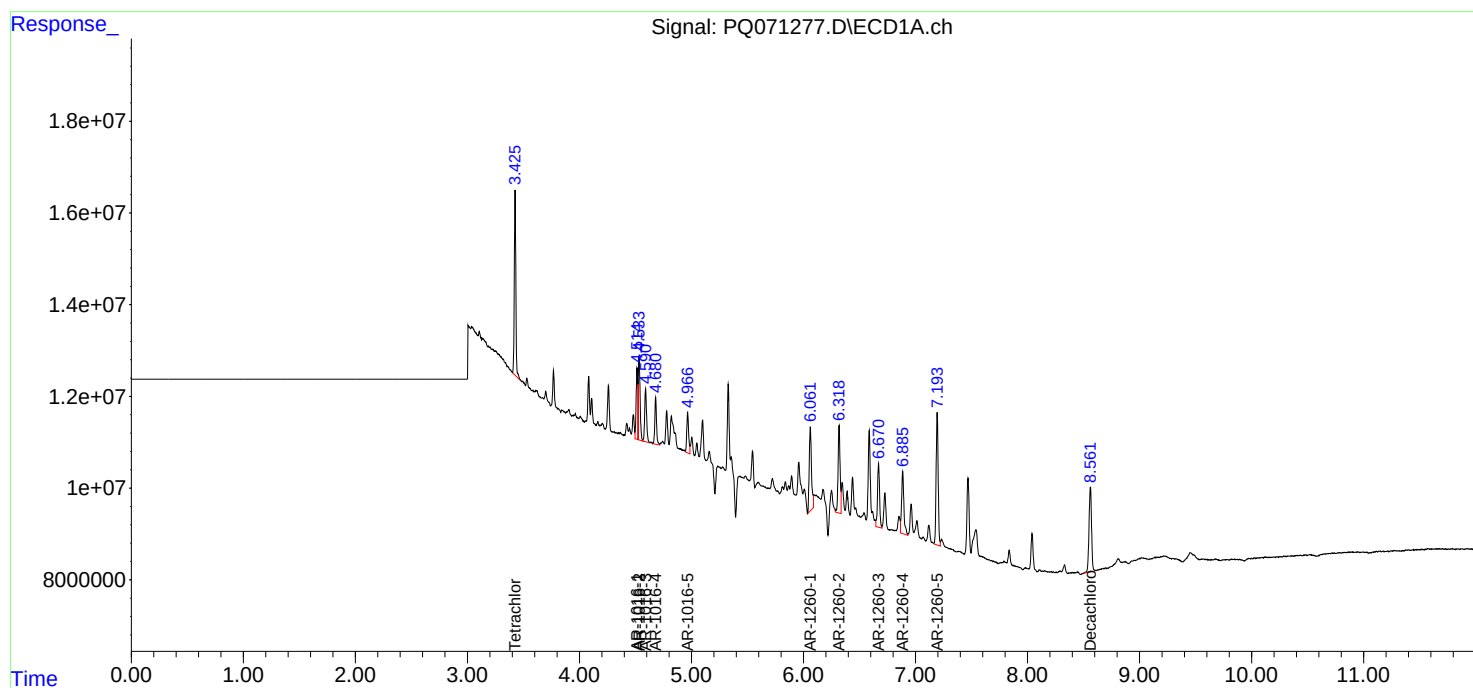
APPROVED

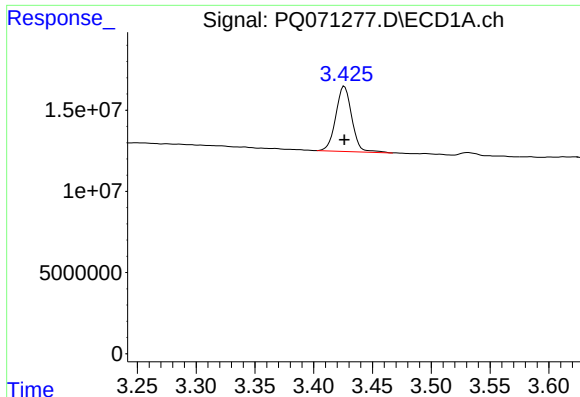
Reviewed By :Rahul Chavli 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 16:11:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 18 16:10:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





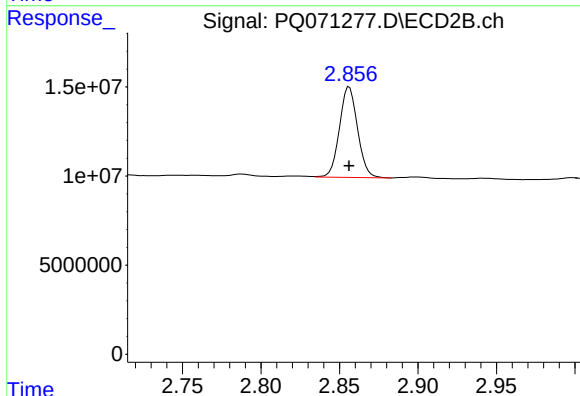
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: 0.000 min
Response: 38175578
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

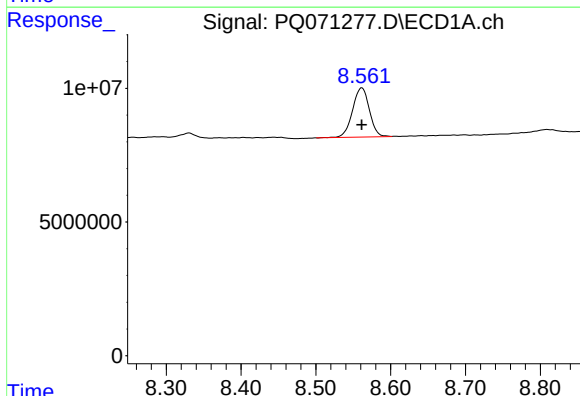
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



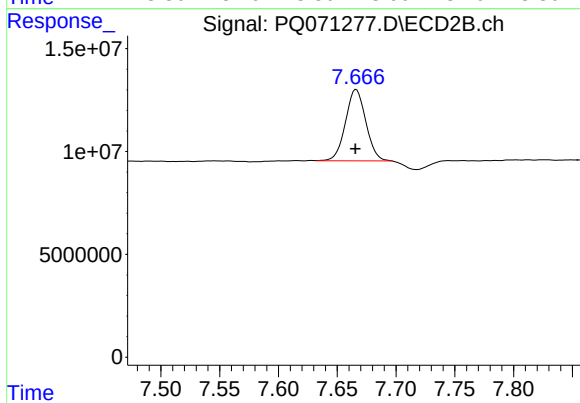
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 40768474
Conc: 4.37 ng/ml



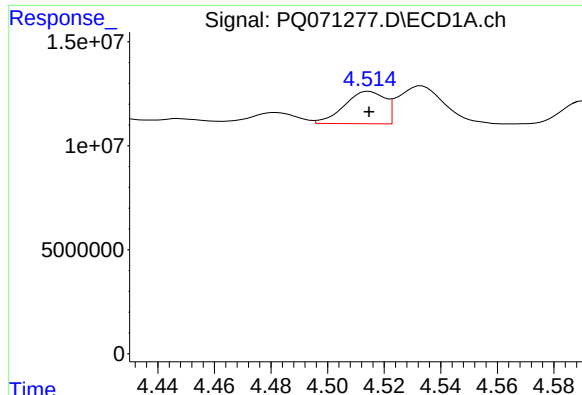
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 28891039
Conc: 4.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 41770626
Conc: 4.58 ng/ml m



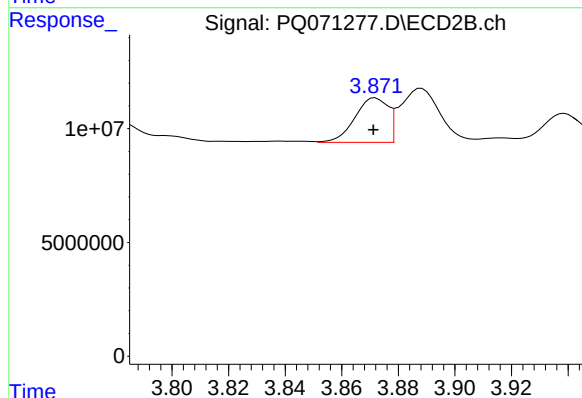
#3 AR-1016-1

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 15524796
Conc: 46.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

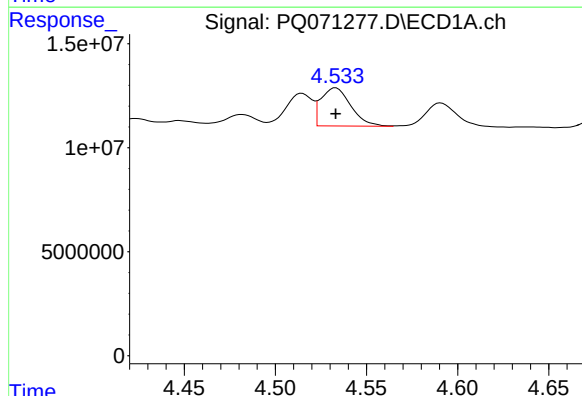
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



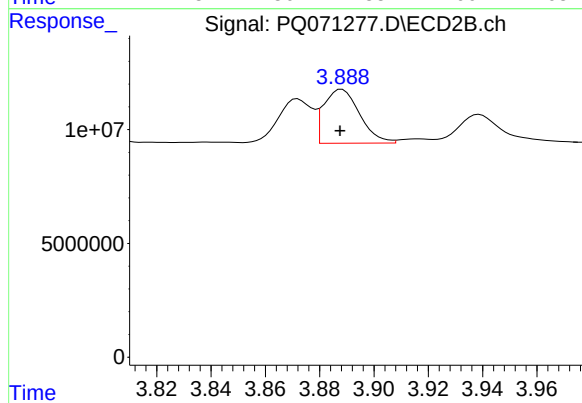
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 17834748
Conc: 50.66 ng/ml m



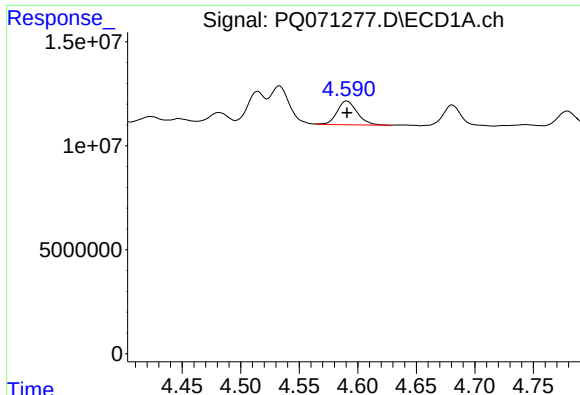
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 20951184
Conc: 44.05 ng/ml



#4 AR-1016-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 20998840
Conc: 42.48 ng/ml m



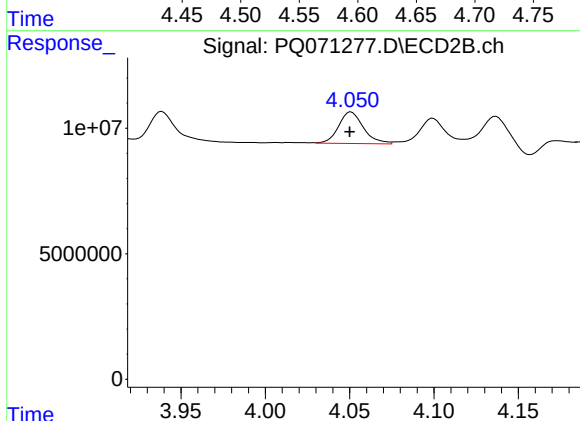
#5 AR-1016-3

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 13779233
Conc: 46.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

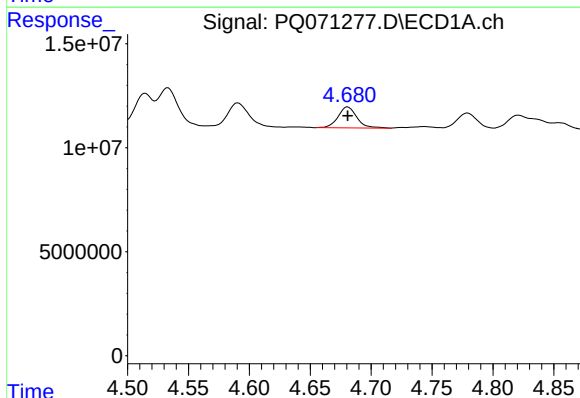
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



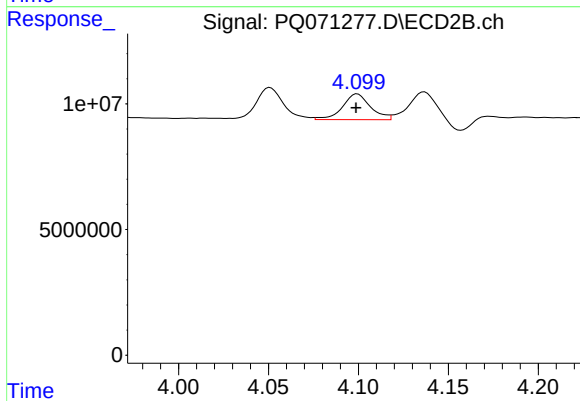
#5 AR-1016-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 12870547
Conc: 46.44 ng/ml m



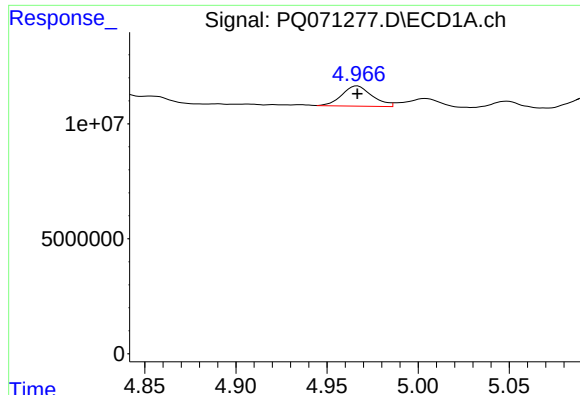
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 10897408
Conc: 44.38 ng/ml



#6 AR-1016-4

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 11009546
Conc: 49.73 ng/ml m



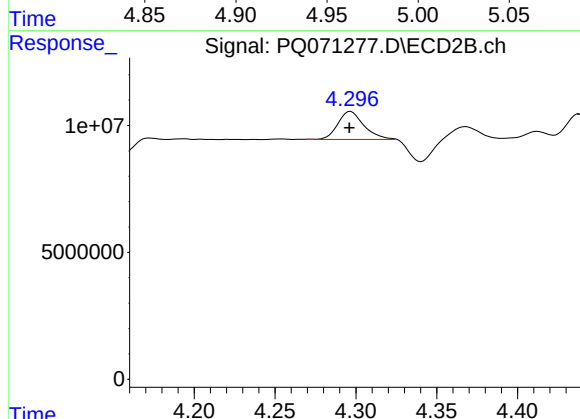
#7 AR-1016-5

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 10124414
Conc: 42.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

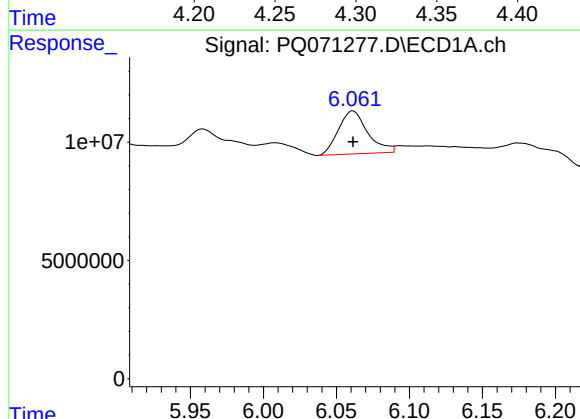
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



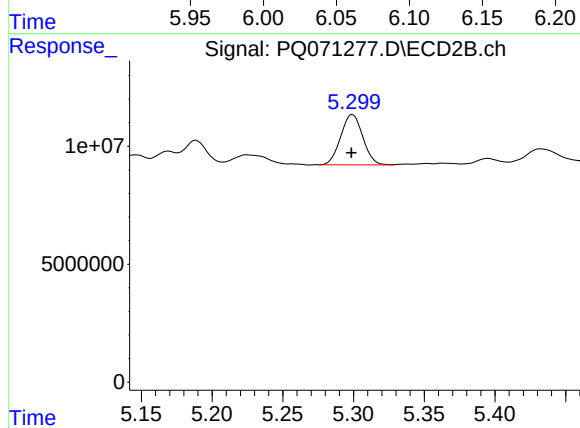
#7 AR-1016-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 12460653
Conc: 44.34 ng/ml m



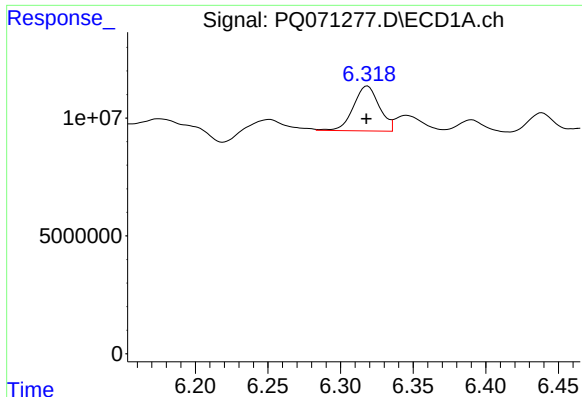
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 25461768
Conc: 56.90 ng/ml



#31 AR-1260-1

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 23222474
Conc: 46.47 ng/ml m



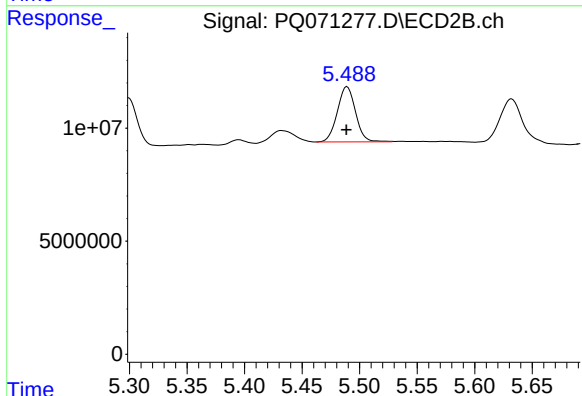
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 23910592
Conc: 47.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

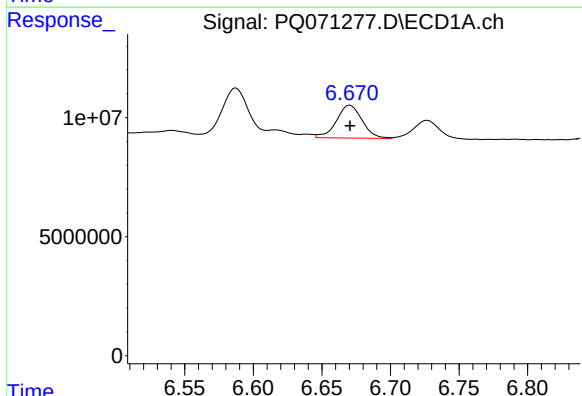
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



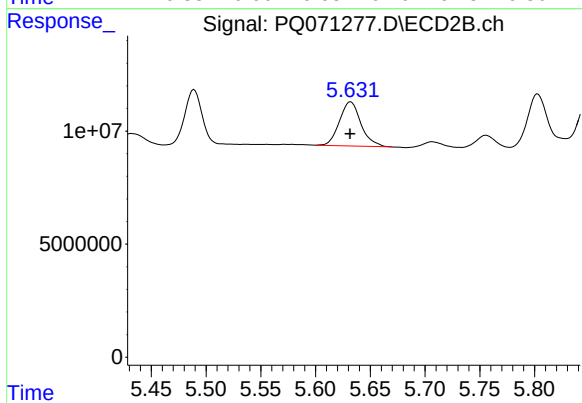
#32 AR-1260-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 26861576
Conc: 44.18 ng/ml m



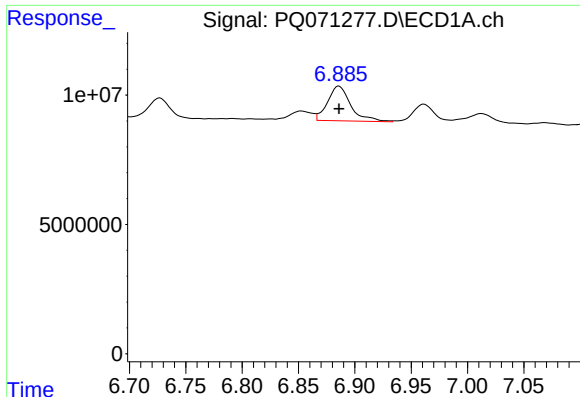
#33 AR-1260-3

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 17968577
Conc: 46.95 ng/ml



#33 AR-1260-3

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 26814628
Conc: 45.22 ng/ml m



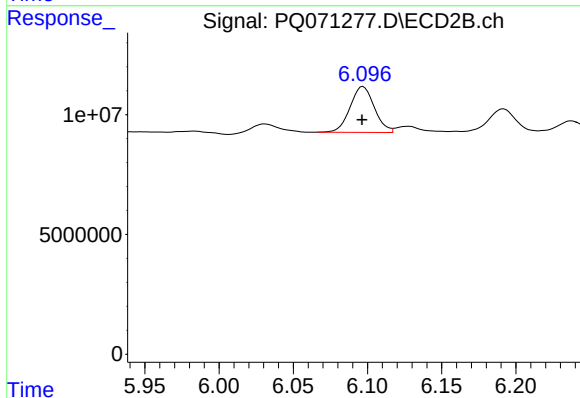
#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 19249539
Conc: 46.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

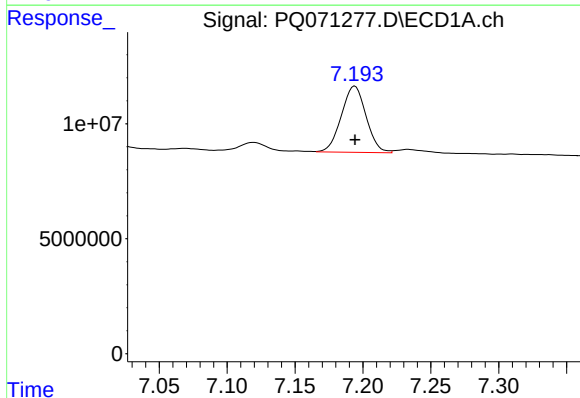
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



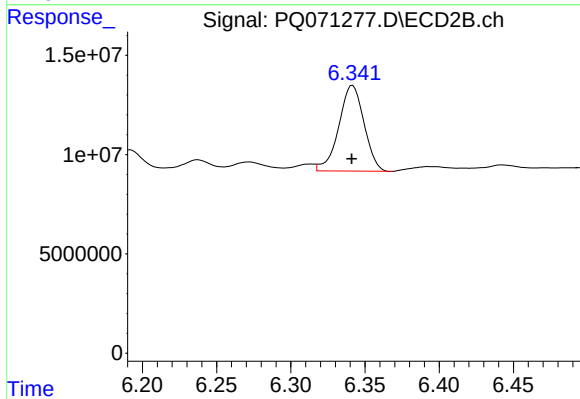
#34 AR-1260-4

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 21951198
Conc: 44.37 ng/ml m



#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 36515910
Conc: 43.88 ng/ml



#35 AR-1260-5

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 51026002
Conc: 44.47 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:05:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:04:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.427	2.855	409.8E6	431.9E6	50.000	50.000
2) SA Decachlor...	8.562	7.665	283.1E6	411.0E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.624	3.058	54243508	57460898	500.000	500.000
9) L2 AR-1221-2	3.702	3.136	39664967	42649518	500.000	500.000
10) L2 AR-1221-3	3.770	3.206	121.8E6	129.3E6	500.000	500.000

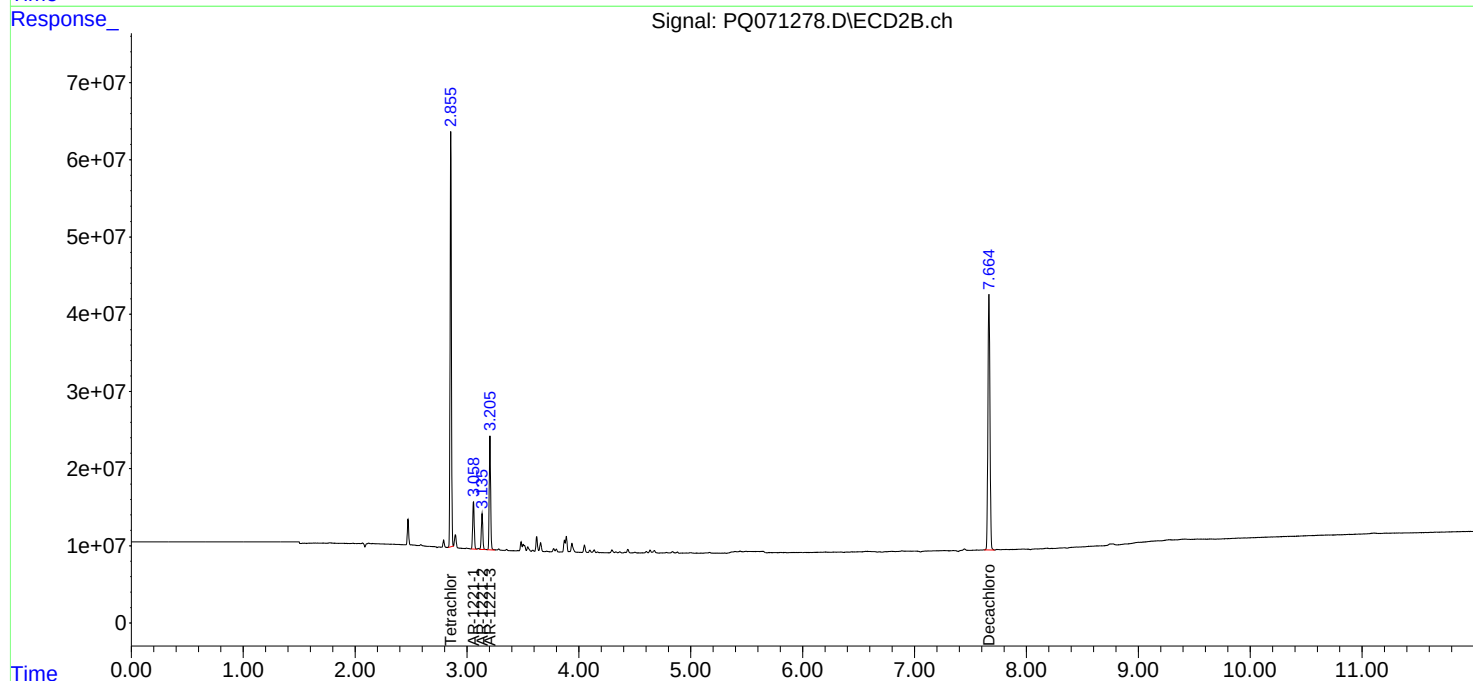
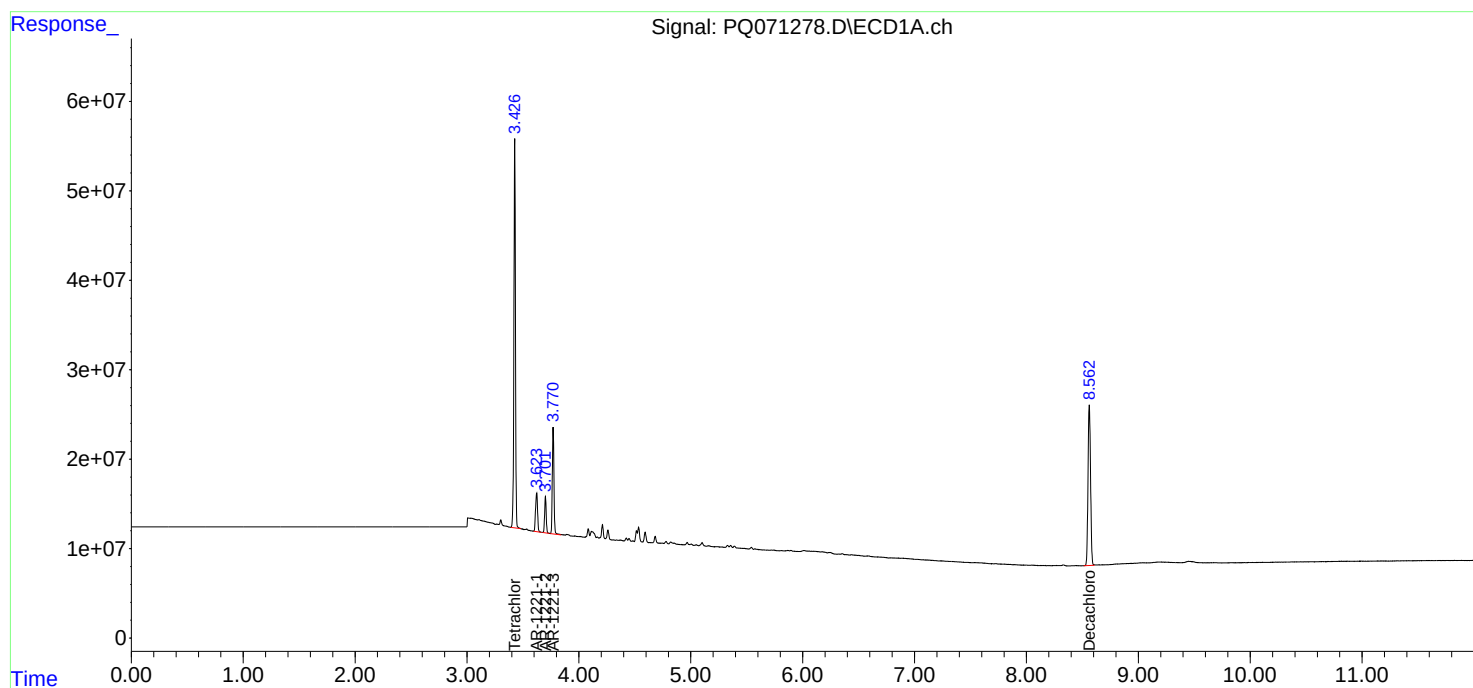
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

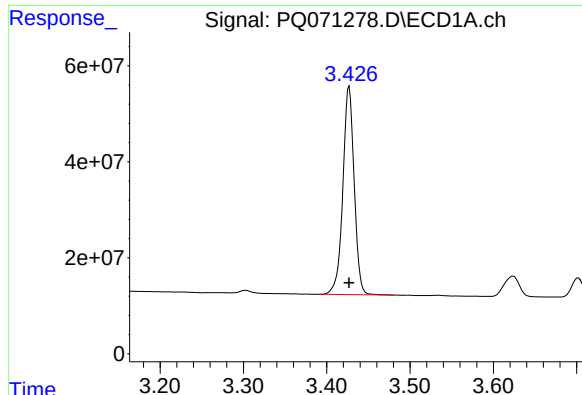
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:05:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:04:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

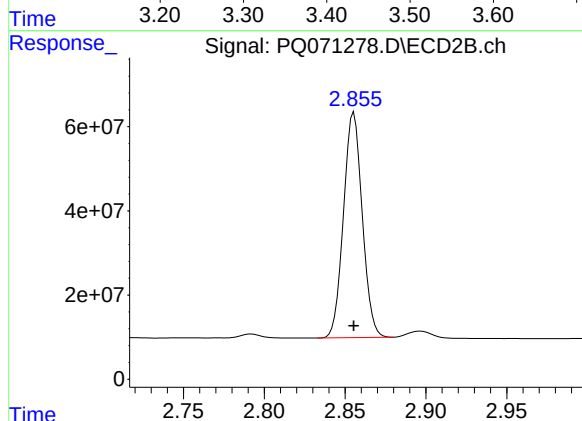




#1 Tetrachloro-m-xylene

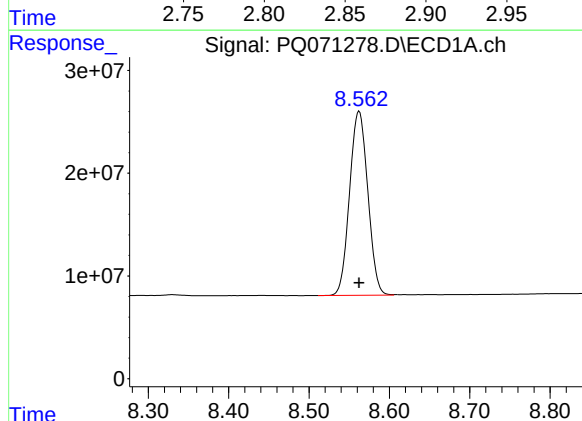
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 409791532
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



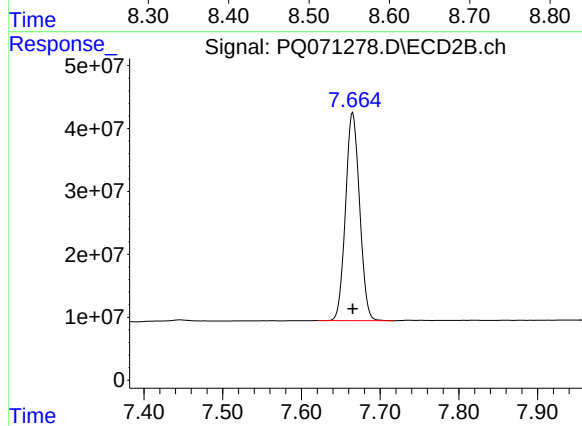
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 431878756
Conc: 50.00 ng/ml



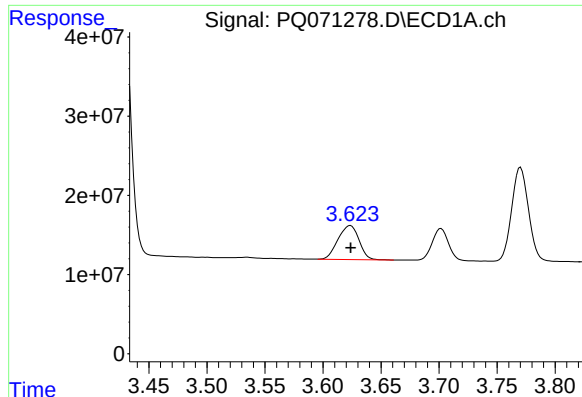
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 283076384
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

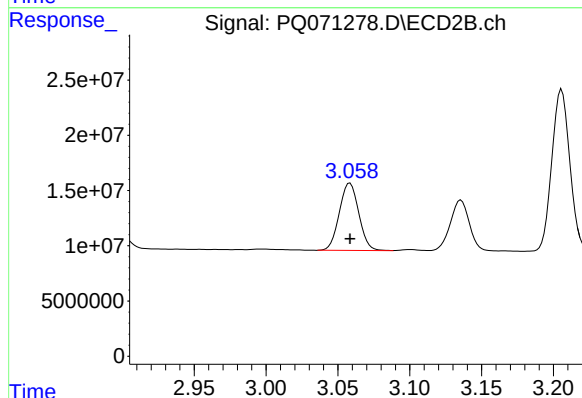
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 411039100
Conc: 50.00 ng/ml



#8 AR-1221-1

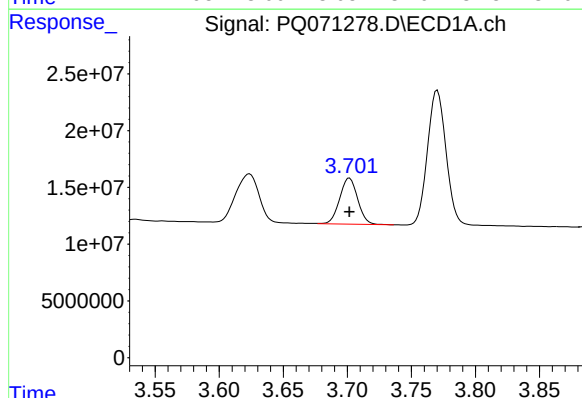
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 54243508
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



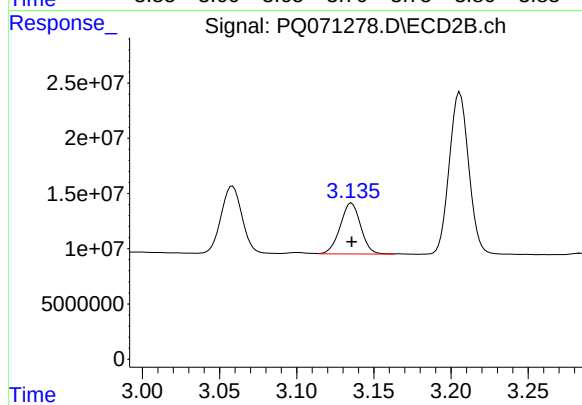
#8 AR-1221-1

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 57460898
Conc: 500.00 ng/ml



#9 AR-1221-2

R.T.: 3.702 min
Delta R.T.: 0.000 min
Response: 39664967
Conc: 500.00 ng/ml



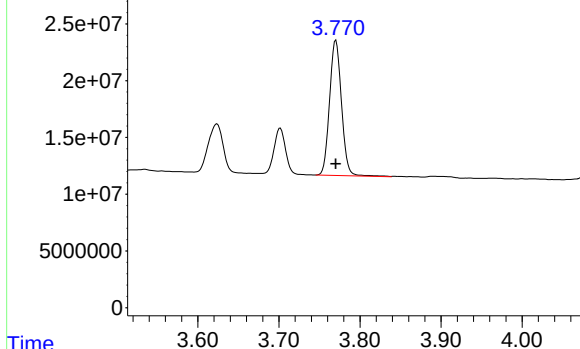
#9 AR-1221-2

R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 42649518
Conc: 500.00 ng/ml

Response_

Signal: PQ071278.D\ECD1A.ch

#10 AR-1221-3



R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 121807837
Conc: 500.00 ng/ml

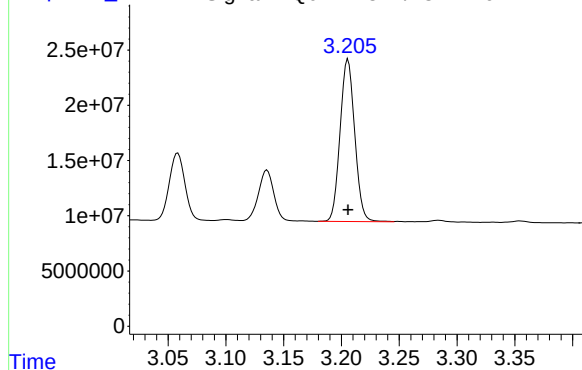
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Time

Response_

Signal: PQ071278.D\ECD2B.ch

#10 AR-1221-3



R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 129275088
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:18:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.413	2.856	427.7E6	460.1E6	50.000	50.000
2) SA Decachlor...	8.542	7.661	300.0E6	442.7E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	3.755	3.206	98692856	106.0E6	500.000	500.000
12) L3 AR-1232-2	4.244	3.887	51232788	108.3E6	500.000	500.000
13) L3 AR-1232-3	4.519	4.050	103.6E6	59441504	500.000	500.000
14) L3 AR-1232-4	4.667	4.136	51916319	46947656	500.000	500.000
15) L3 AR-1232-5	4.805	4.296	42236479	54036755	500.000	500.000

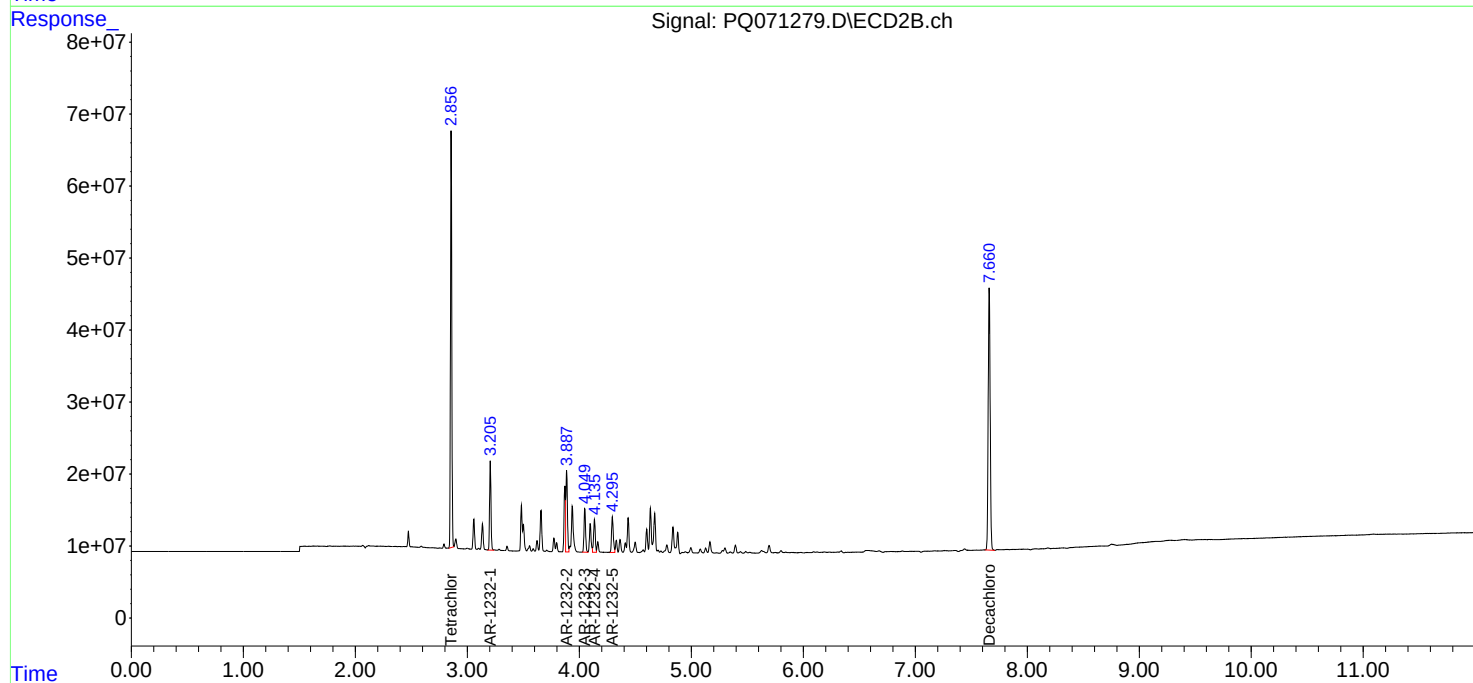
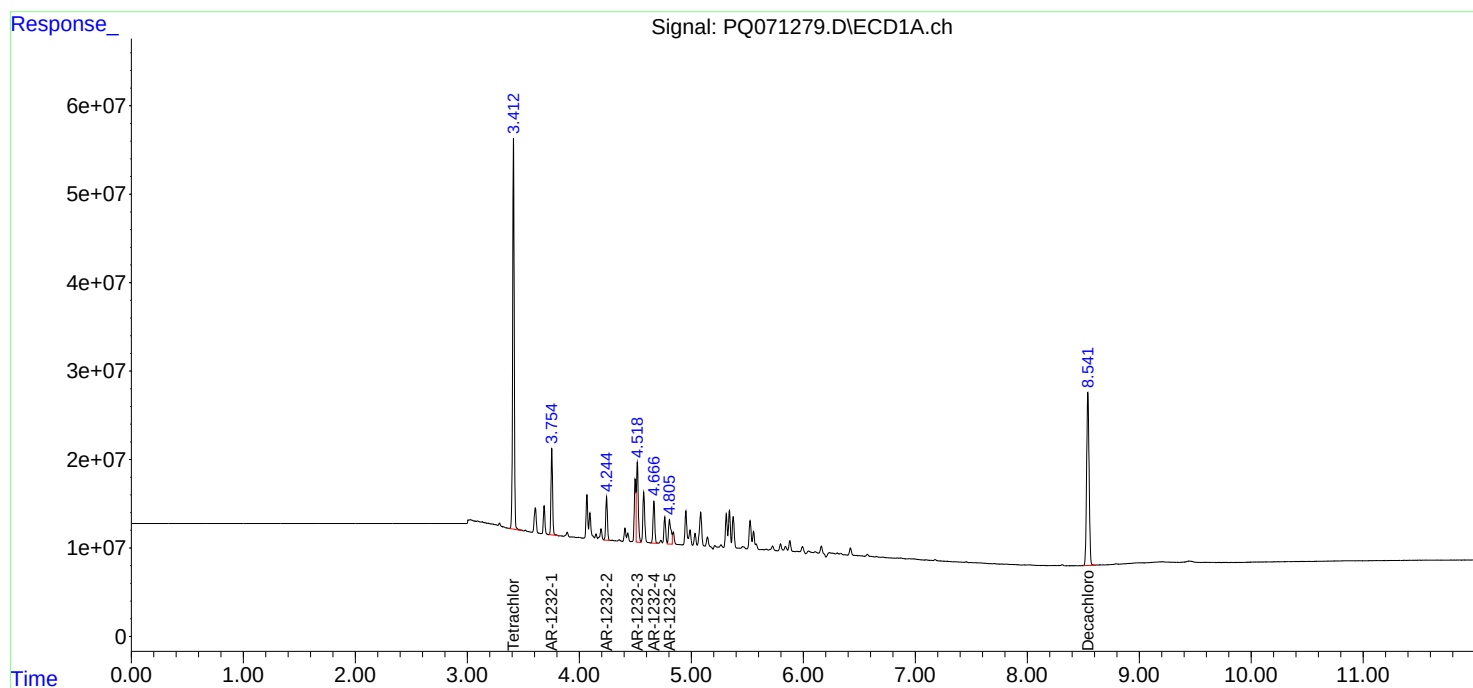
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:18:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:18:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PQ071279.D\ECD1A.ch

#1 Tetrachloro-m-xylene

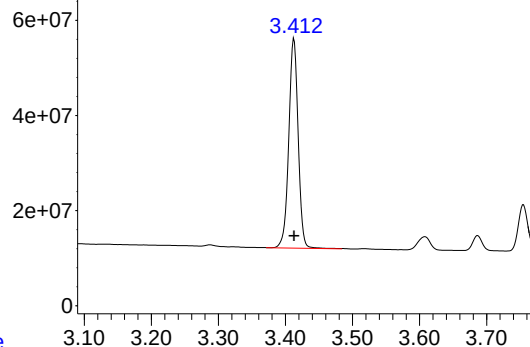
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 427719892
Conc: 50.00 ng/ml

Instrument :

ECD_Q

ClientSampleId :

AR1232ICC500



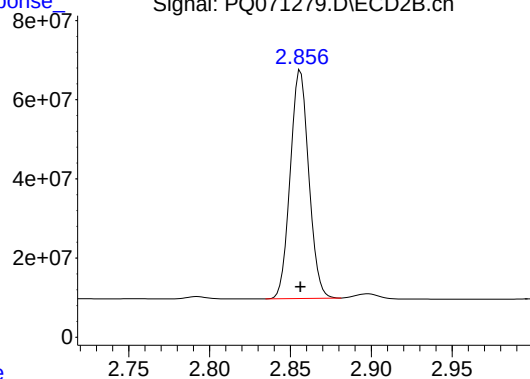
Time

Response

Signal: PQ071279.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 460063758
Conc: 50.00 ng/ml



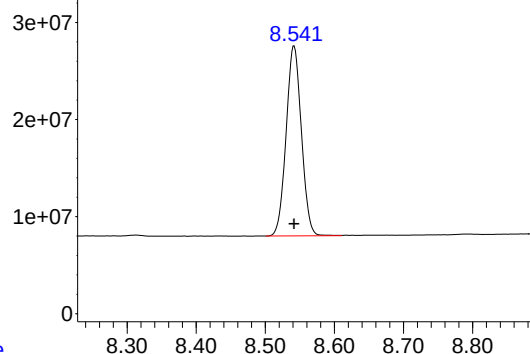
Time

Response

Signal: PQ071279.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 299961801
Conc: 50.00 ng/ml



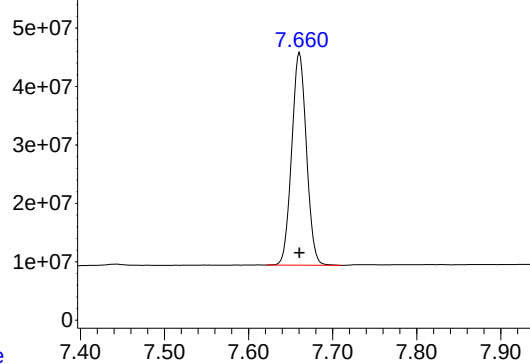
Time

Response

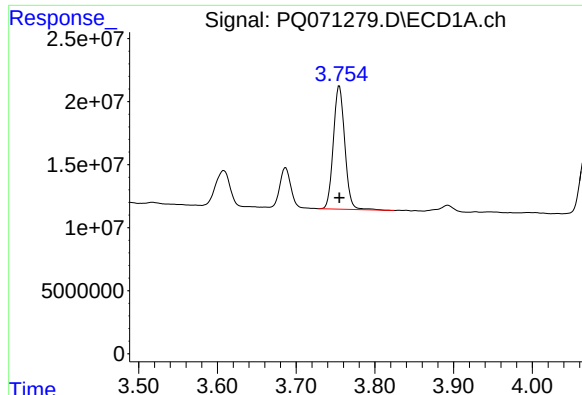
Signal: PQ071279.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 442731794
Conc: 50.00 ng/ml



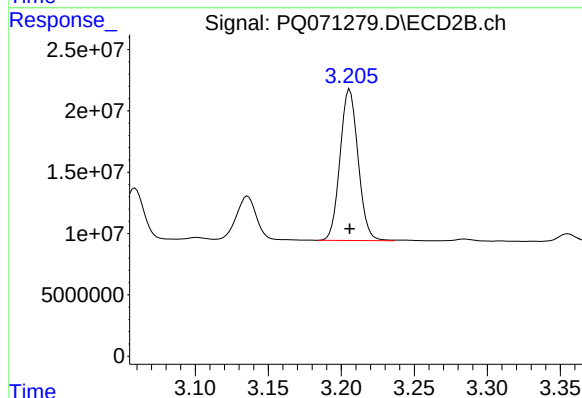
Time



#11 AR-1232-1

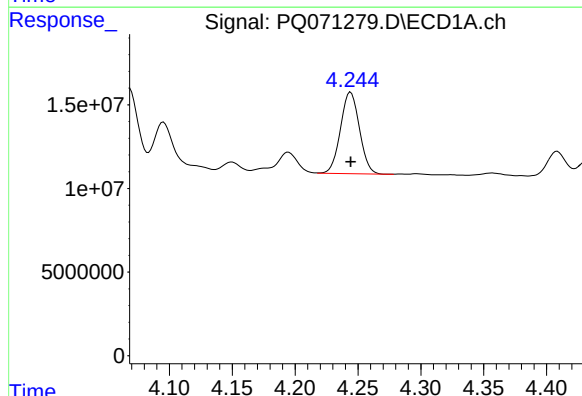
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 98692856
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



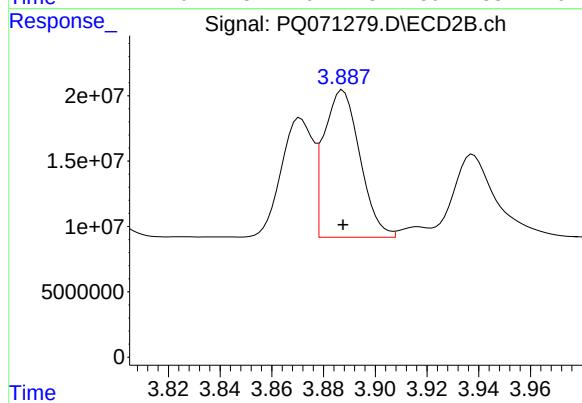
#11 AR-1232-1

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 106016384
Conc: 500.00 ng/ml



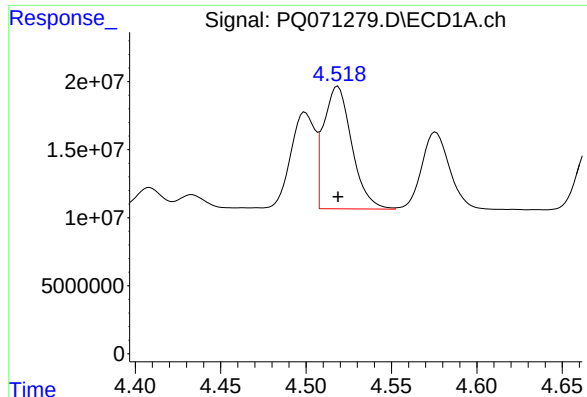
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 51232788
Conc: 500.00 ng/ml



#12 AR-1232-2

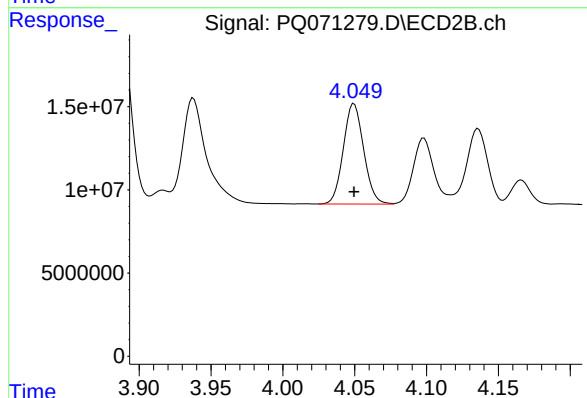
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 108300313
Conc: 500.00 ng/ml



#13 AR-1232-3

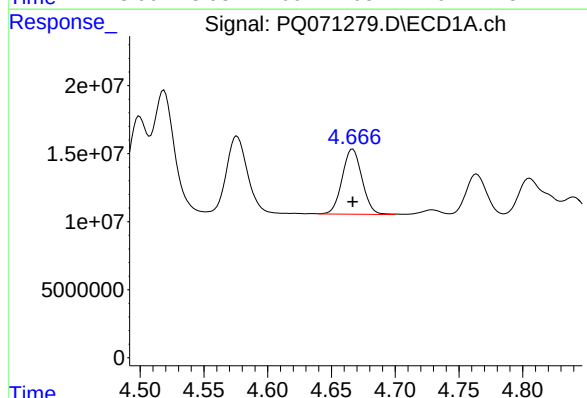
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 103594546
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



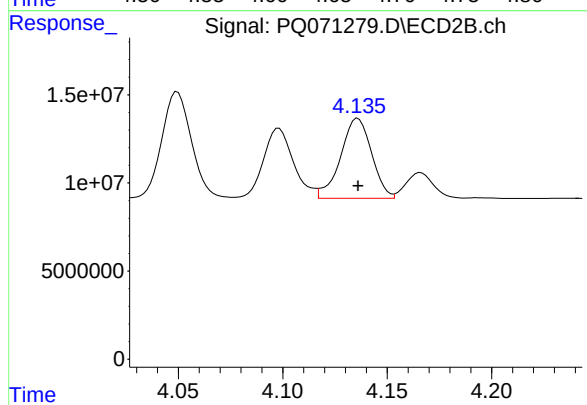
#13 AR-1232-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 59441504
Conc: 500.00 ng/ml



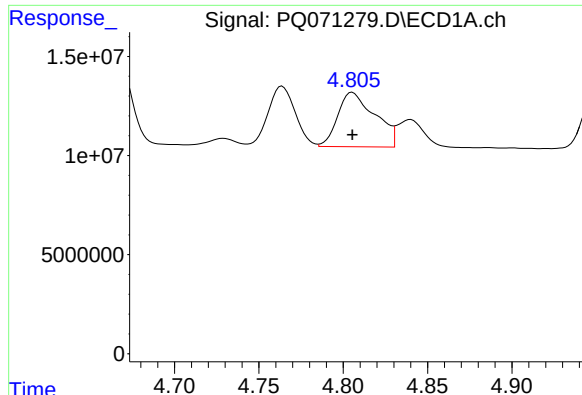
#14 AR-1232-4

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 51916319
Conc: 500.00 ng/ml



#14 AR-1232-4

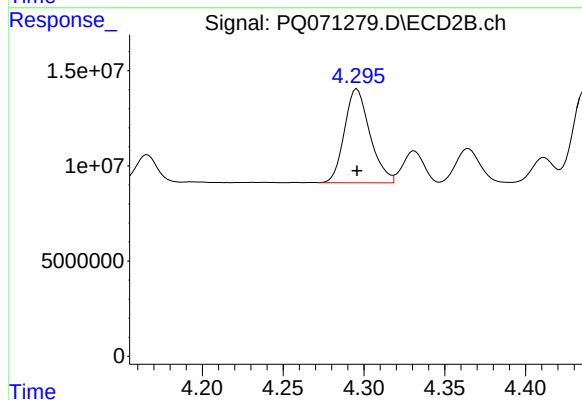
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 46947656
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 42236479
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 54036755
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:24:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:23:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.412	2.856	422.9E6	462.4E6	50.000	50.000
2) SA Decachlor...	8.540	7.660	304.6E6	451.4E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.498	3.871	130.4E6	144.8E6	500.000	500.000
17) L4 AR-1242-2	4.517	3.888	190.4E6	201.4E6	500.000	500.000
18) L4 AR-1242-3	4.575	4.050	121.6E6	116.9E6	500.000	500.000
19) L4 AR-1242-4	4.665	4.136	97156871	99914472	500.000	500.000
20) L4 AR-1242-5	5.339	4.636	99890638	131.6E6	500.000	500.000

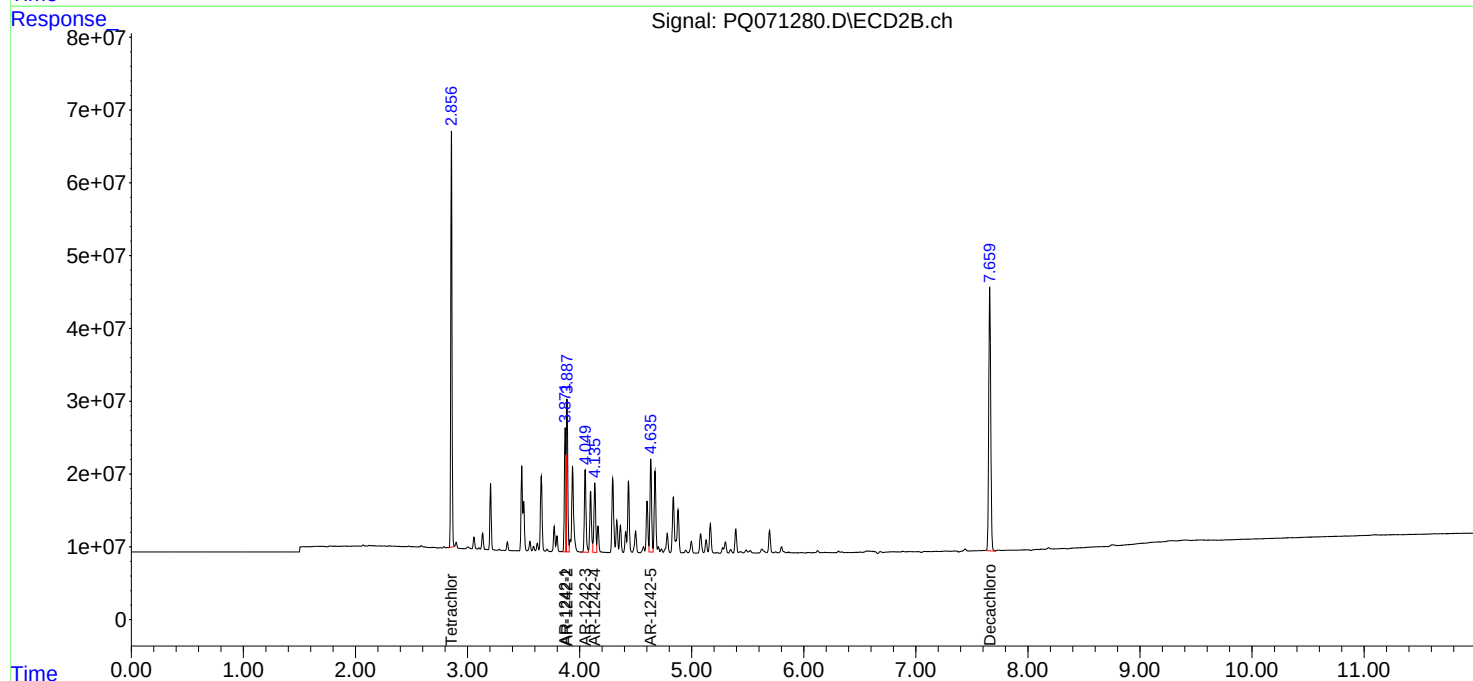
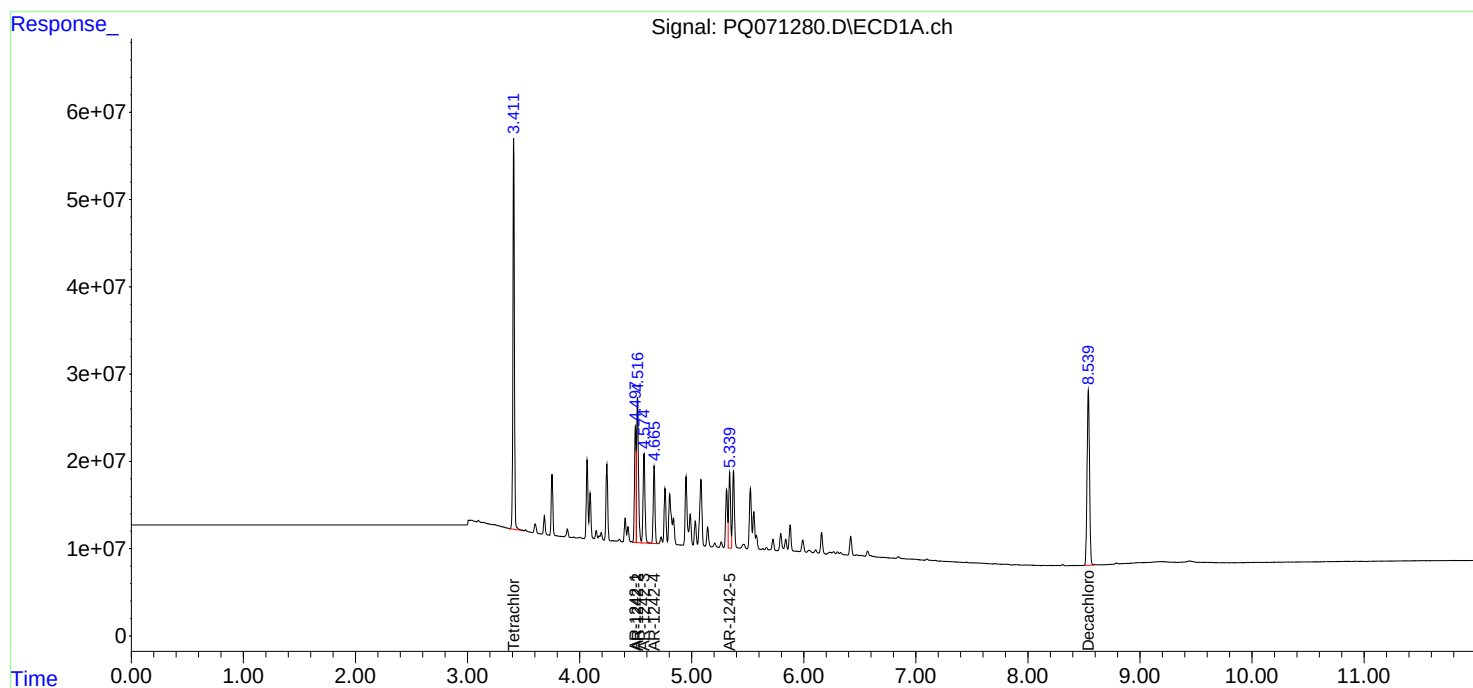
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

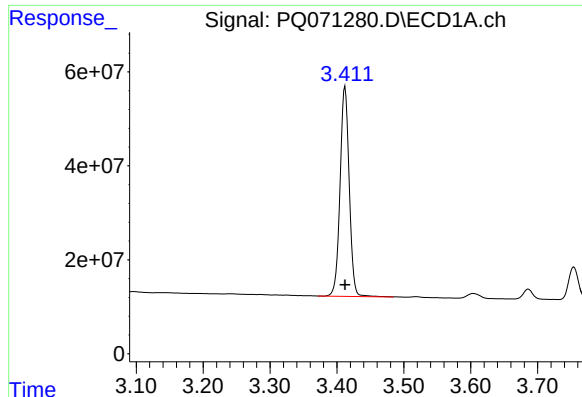
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:24:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:23:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

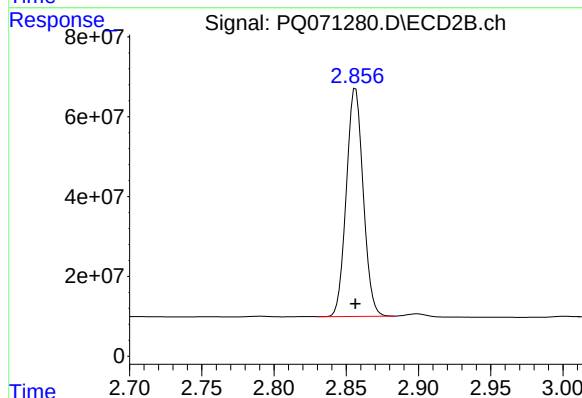




#1 Tetrachloro-m-xylene

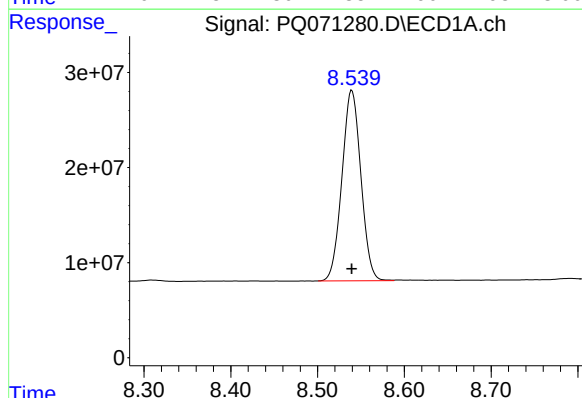
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 422903513
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



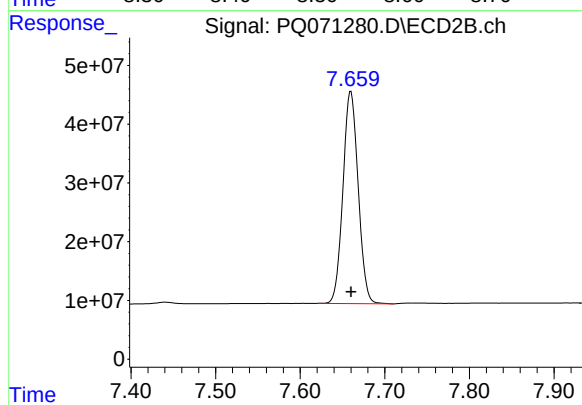
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 462421813
Conc: 50.00 ng/ml



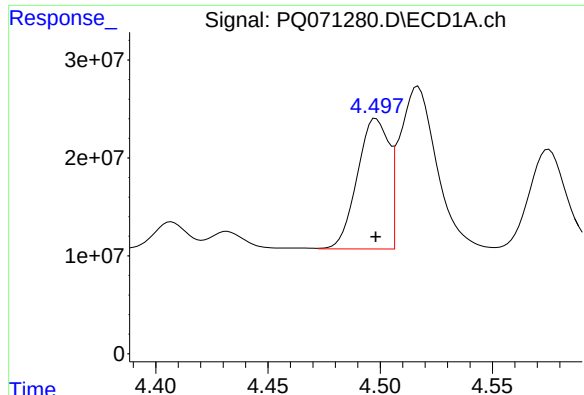
#2 Decachlorobiphenyl

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 304595978
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

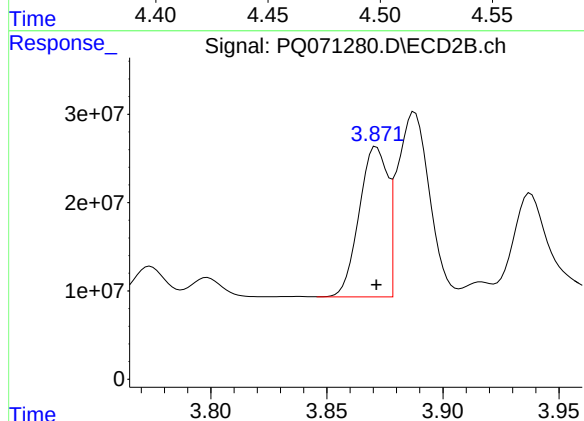
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 451428584
Conc: 50.00 ng/ml



#16 AR-1242-1

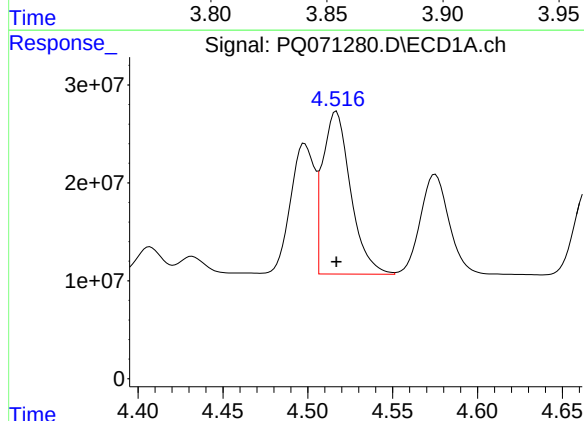
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 130368395
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



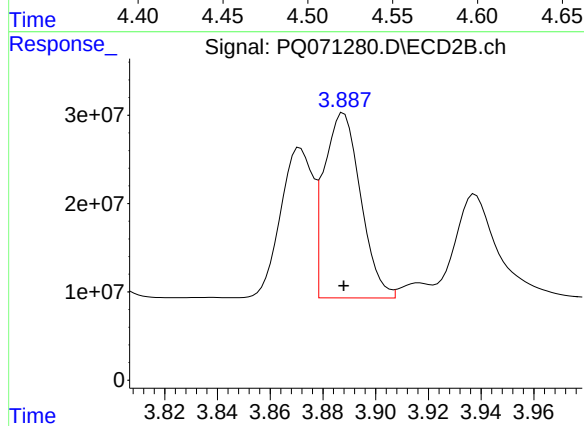
#16 AR-1242-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 144758213
Conc: 500.00 ng/ml



#17 AR-1242-2

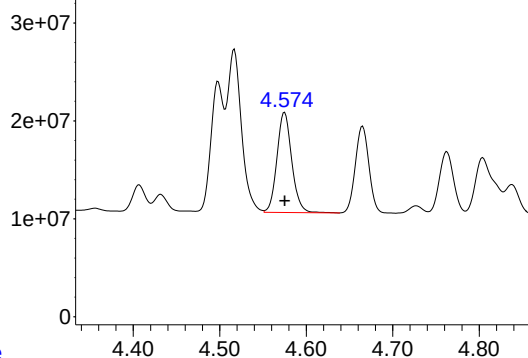
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 190387634
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 201416778
Conc: 500.00 ng/ml

Response_ Signal: PQ071280.D\ECD1A.ch

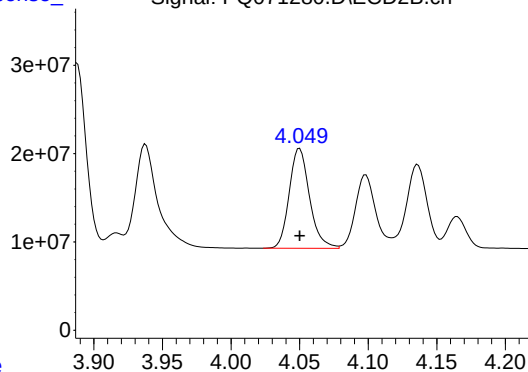


#18 AR-1242-3

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 121622107
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

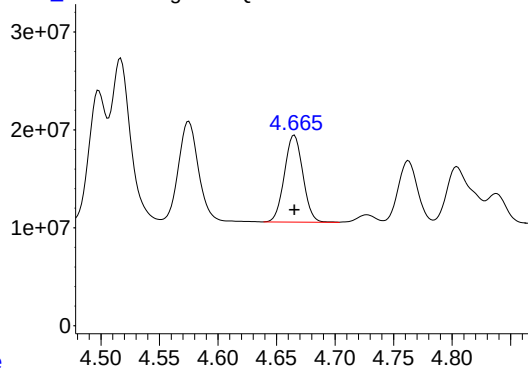
Time Response_ Signal: PQ071280.D\ECD2B.ch



#18 AR-1242-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 116947785
Conc: 500.00 ng/ml

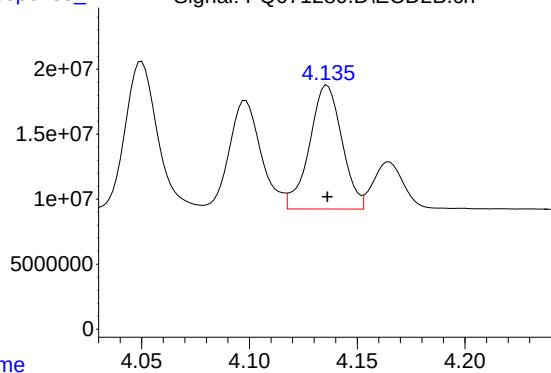
Time Response_ Signal: PQ071280.D\ECD1A.ch



#19 AR-1242-4

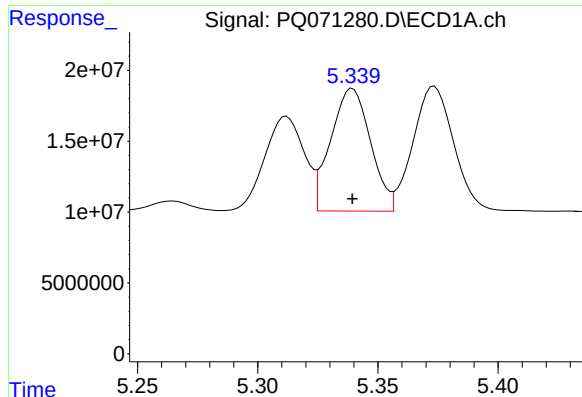
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 97156871
Conc: 500.00 ng/ml

Time Response_ Signal: PQ071280.D\ECD2B.ch



#19 AR-1242-4

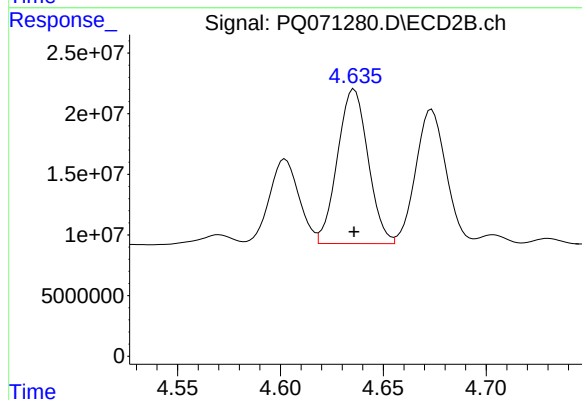
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 99914472
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 99890638
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 131642529
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:41:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.412	2.857	415.2E6	465.5E6	50.000	50.000
2) SA Decachlor...	8.538	7.660	293.5E6	436.2E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.498	3.871	95247166	106.4E6	500.000	500.000
22) L5 AR-1248-2	4.762	4.098	121.6E6	142.0E6	500.000	500.000
23) L5 AR-1248-3	4.950	4.136	146.9E6	140.1E6	500.000	500.000
24) L5 AR-1248-4	5.312	4.295	131.4E6	173.2E6	500.000	500.000
25) L5 AR-1248-5	5.339	4.673	169.2E6	174.3E6	500.000	500.000

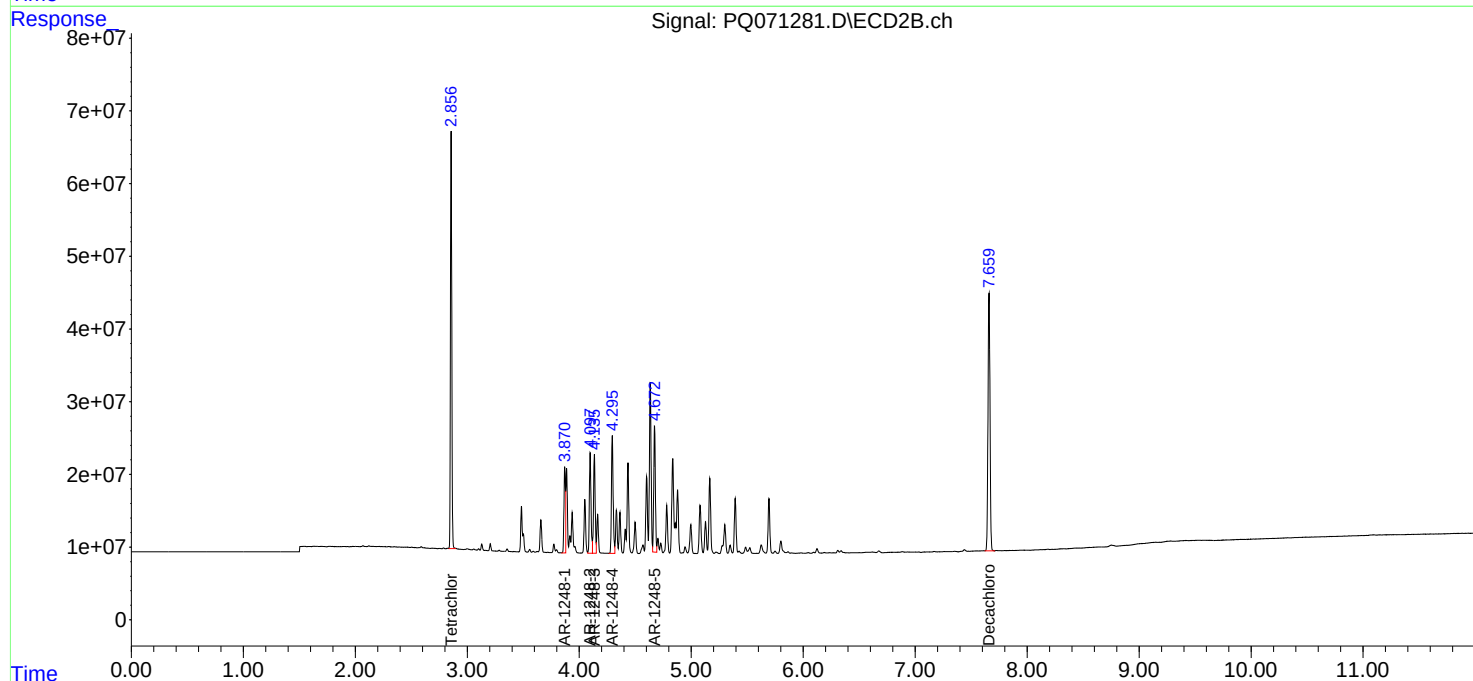
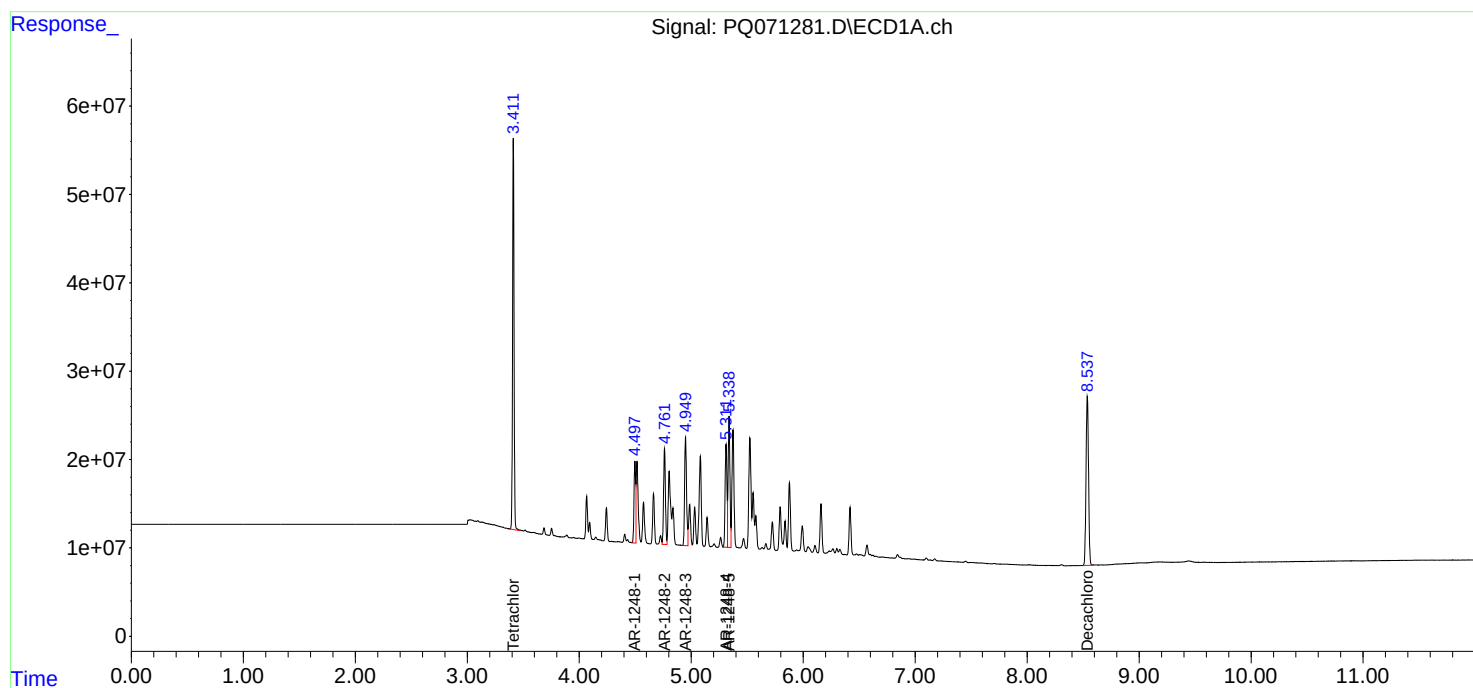
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:41:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:41:04 2025
Response via : Initial Calibration
Integrator: ChemStation

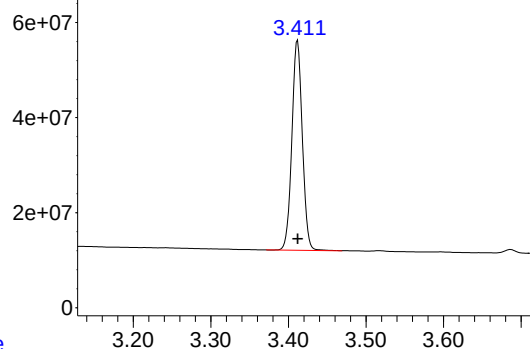
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PQ071281.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 415172258
Conc: 50.00 ng/ml

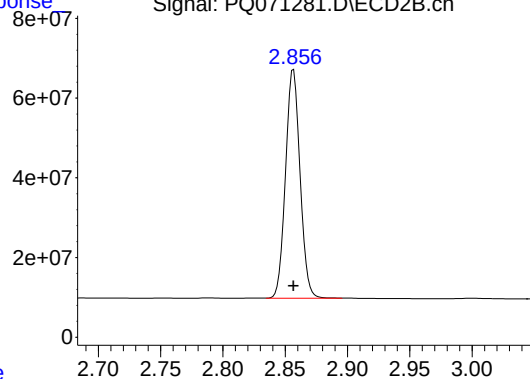
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Time

Response

Signal: PQ071281.D\ECD2B.ch

#1 Tetrachloro-m-xylene



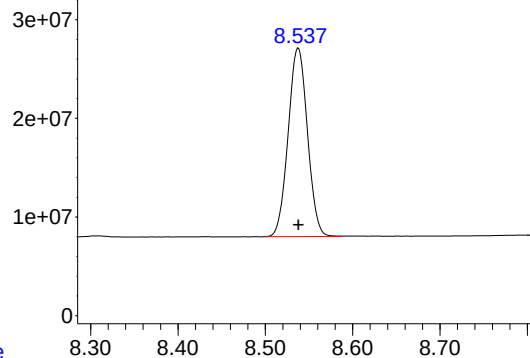
R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 465513499
Conc: 50.00 ng/ml

Time

Response_

Signal: PQ071281.D\ECD1A.ch

#2 Decachlorobiphenyl



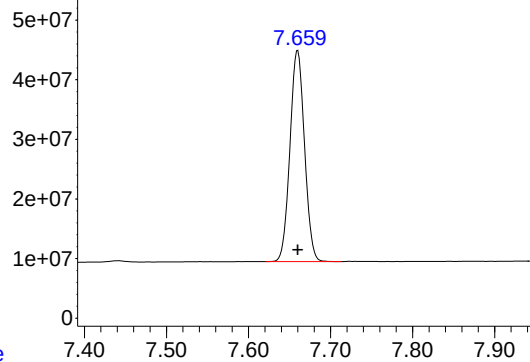
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 293475040
Conc: 50.00 ng/ml

Time

Response_

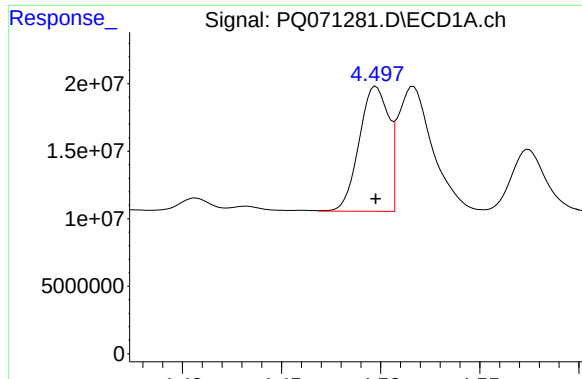
Signal: PQ071281.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 436163990
Conc: 50.00 ng/ml

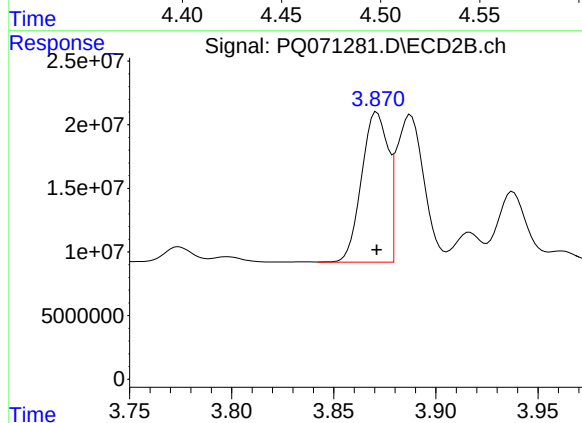
Time



#21 AR-1248-1

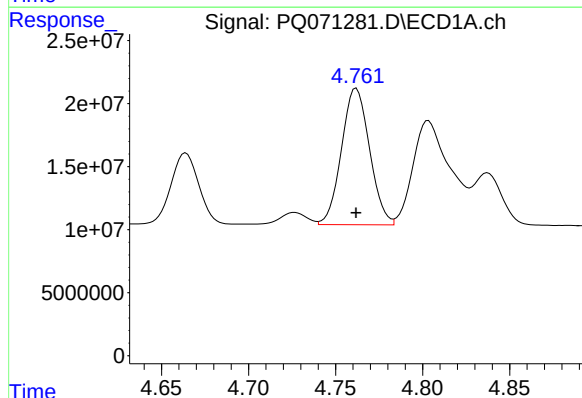
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 95247166
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



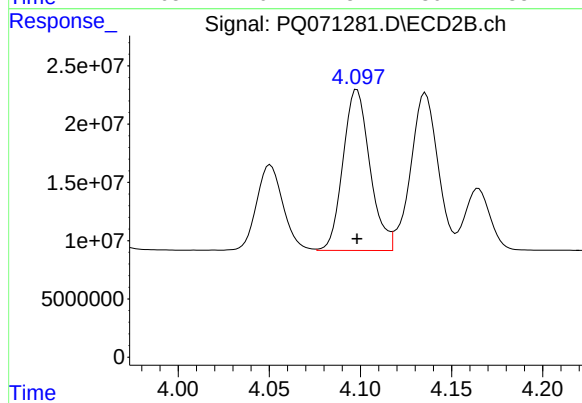
#21 AR-1248-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 106438129
Conc: 500.00 ng/ml



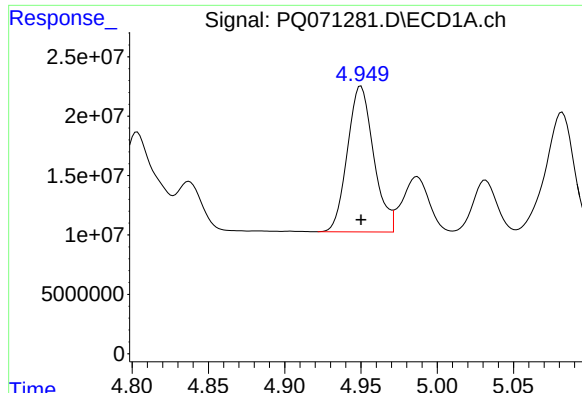
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 121643540
Conc: 500.00 ng/ml



#22 AR-1248-2

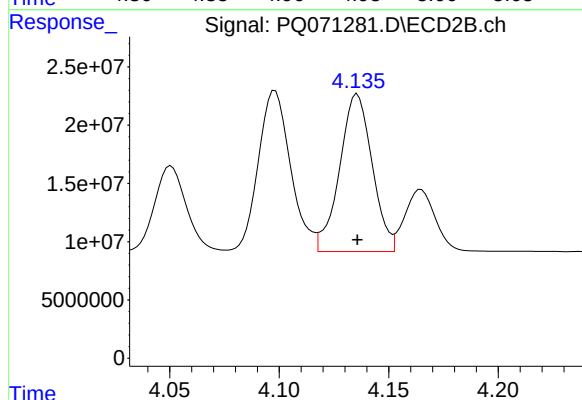
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 142008582
Conc: 500.00 ng/ml



#23 AR-1248-3

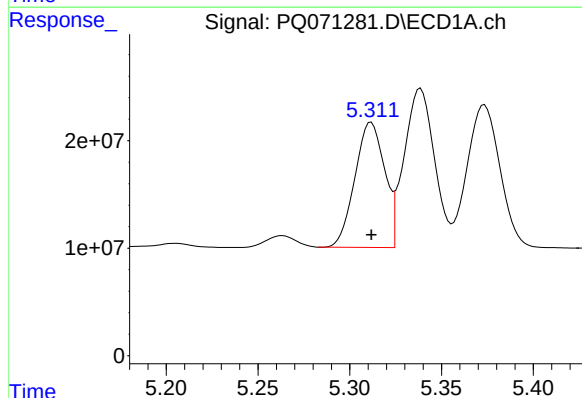
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 146912906
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



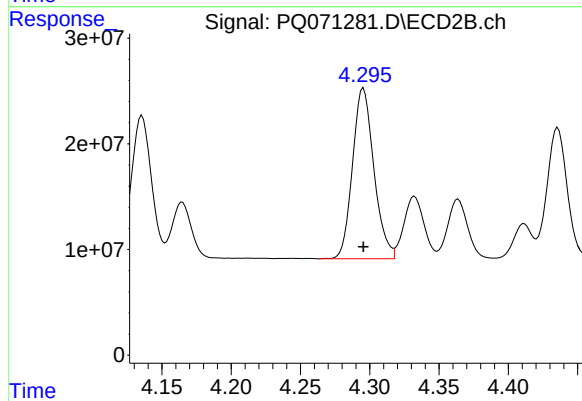
#23 AR-1248-3

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 140056314
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 131439045
Conc: 500.00 ng/ml



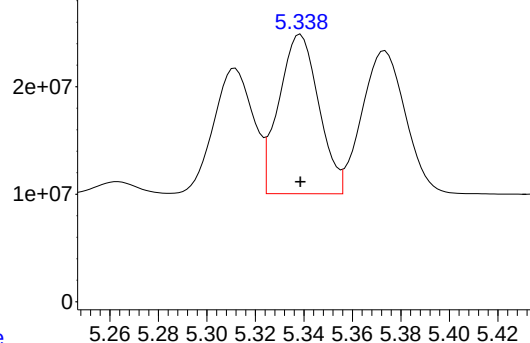
#24 AR-1248-4

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 173192057
Conc: 500.00 ng/ml

Response_

Signal: PQ071281.D\ECD1A.ch

#25 AR-1248-5



R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 169173076
Conc: 500.00 ng/ml

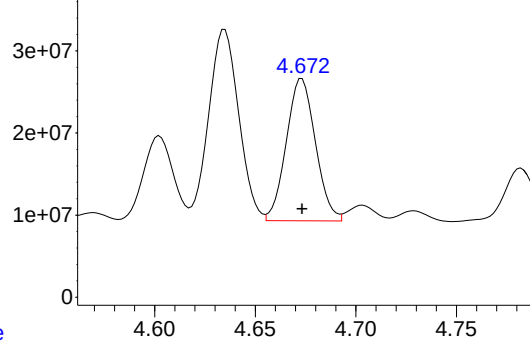
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Time

Response_

Signal: PQ071281.D\ECD2B.ch

#25 AR-1248-5



R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 174318947
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:45:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.857	421.8E6	469.8E6	50.000	50.000
2) SA Decachlor...	8.536	7.660	306.7E6	450.2E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.313	4.635	173.7E6	267.9E6	500.000	500.000
27) L6 AR-1254-2	5.528	4.782	270.9E6	229.4E6	500.000	500.000
28) L6 AR-1254-3	5.878	5.166	287.9E6	379.6E6	500.000	500.000
29) L6 AR-1254-4	6.159	5.393	211.2E6	249.9E6	500.000	500.000
30) L6 AR-1254-5	6.569	5.801	229.8E6	346.1E6	500.000	500.000

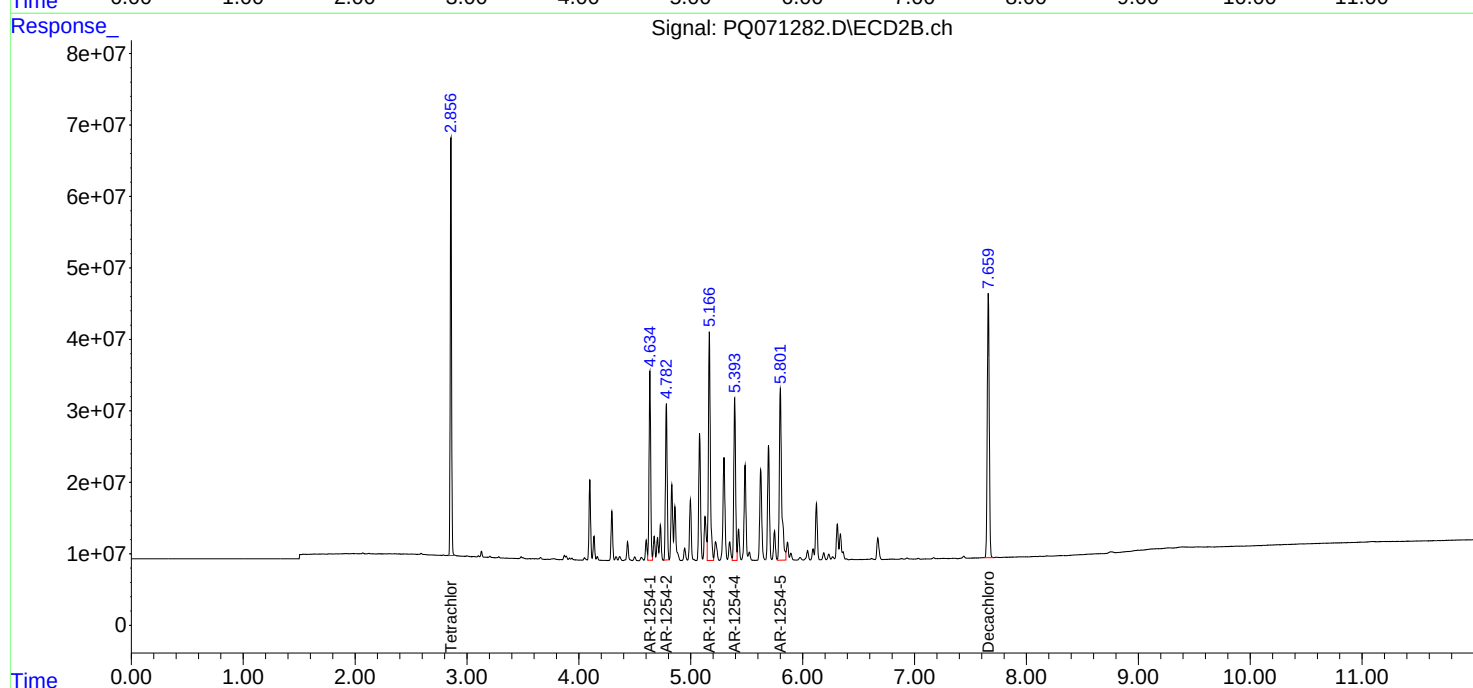
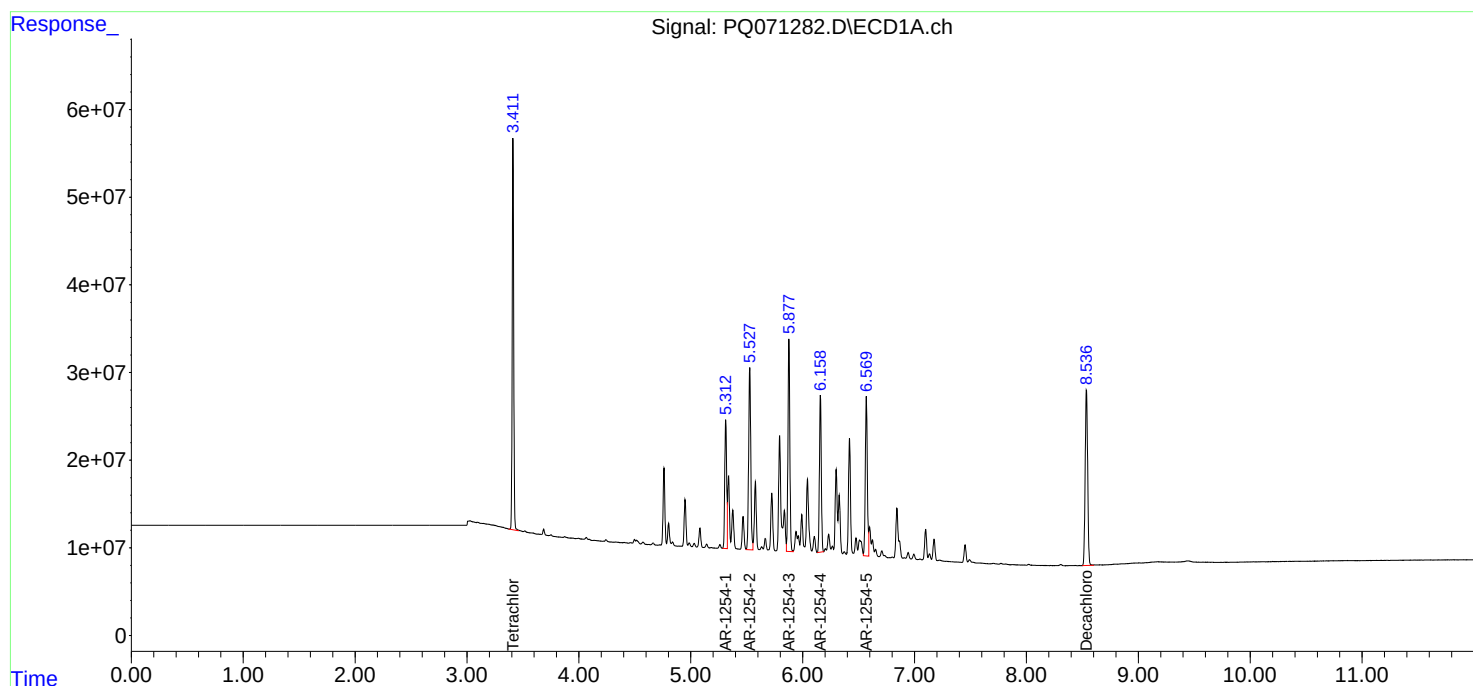
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

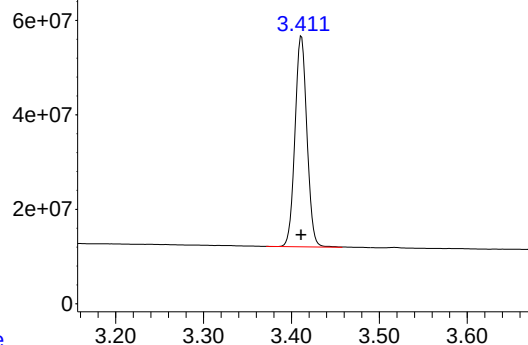
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:45:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:45:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PQ071282.D\ECD1A.ch

#1 Tetrachloro-m-xylene

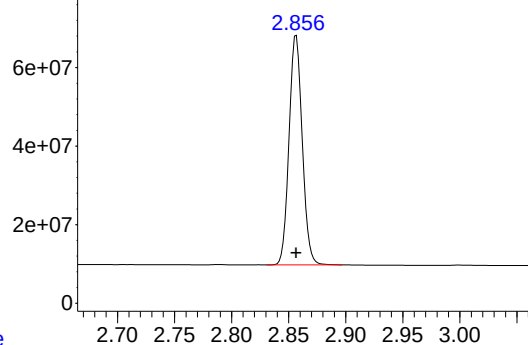


R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 421835631
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Time Response_ Signal: PQ071282.D\ECD2B.ch

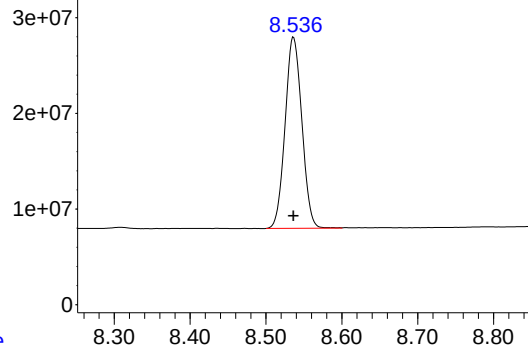
#1 Tetrachloro-m-xylene



R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 469785175
Conc: 50.00 ng/ml

Time Response_ Signal: PQ071282.D\ECD1A.ch

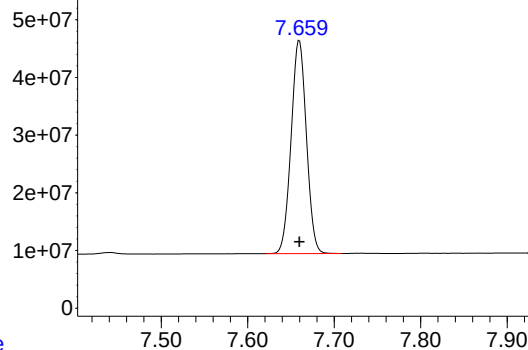
#2 Decachlorobiphenyl



R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 306652362
Conc: 50.00 ng/ml

Time Response_ Signal: PQ071282.D\ECD2B.ch

#2 Decachlorobiphenyl



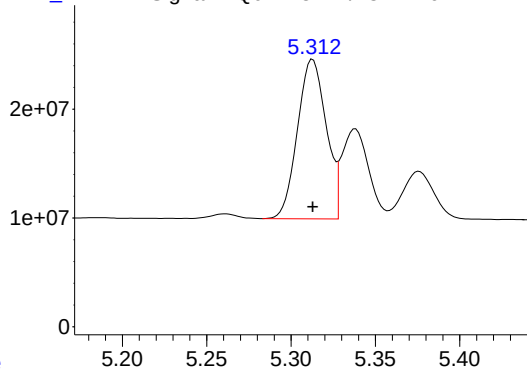
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 450219242
Conc: 50.00 ng/ml

Response_

Signal: PQ071282.D\ECD1A.ch

#26 AR-1254-1

ICAL Form



R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 173680051
Conc: 500.00 ng/ml

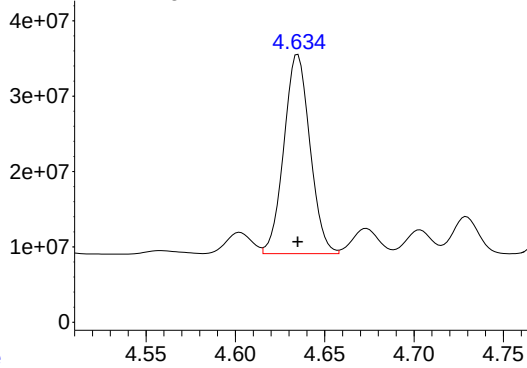
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Time

Response_

Signal: PQ071282.D\ECD2B.ch

#26 AR-1254-1



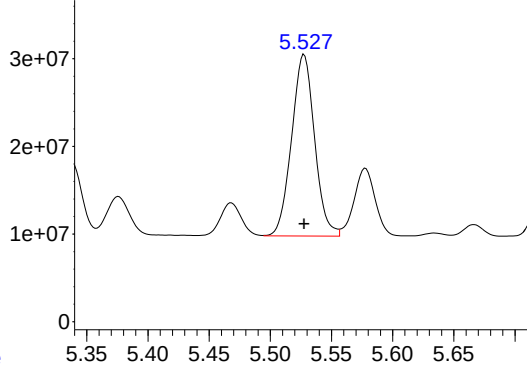
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 267934404
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071282.D\ECD1A.ch

#27 AR-1254-2



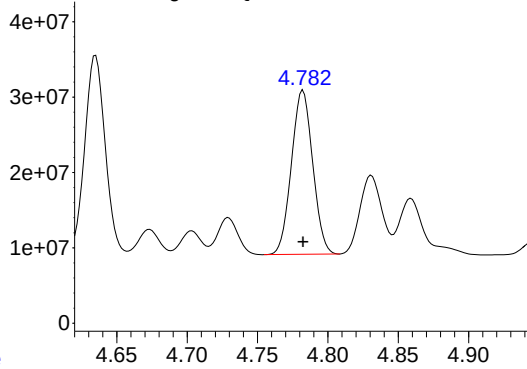
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 270911577
Conc: 500.00 ng/ml

Time

Response_

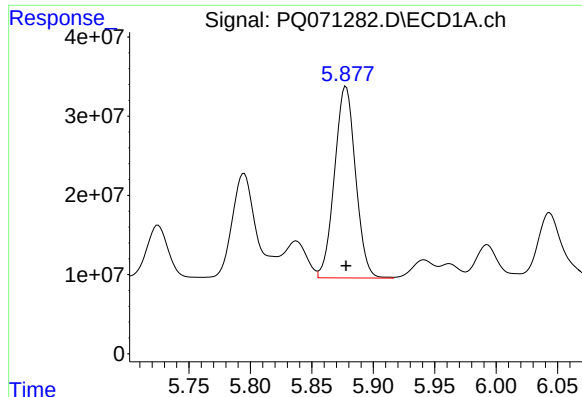
Signal: PQ071282.D\ECD2B.ch

#27 AR-1254-2



R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 229390705
Conc: 500.00 ng/ml

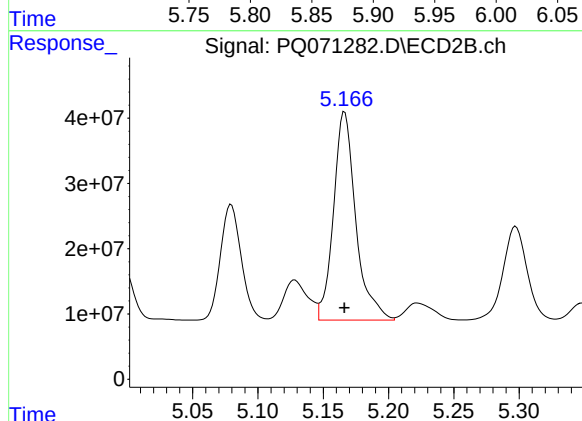
Time



#28 AR-1254-3

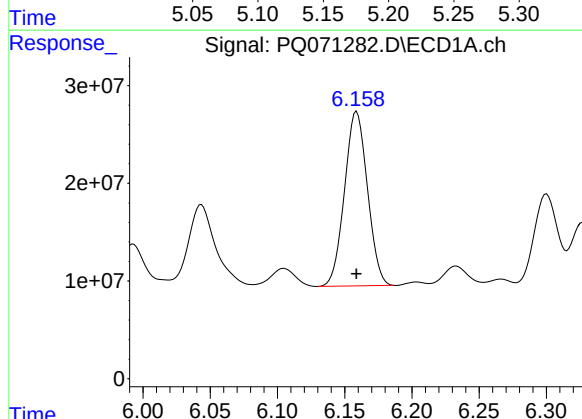
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 287915038
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



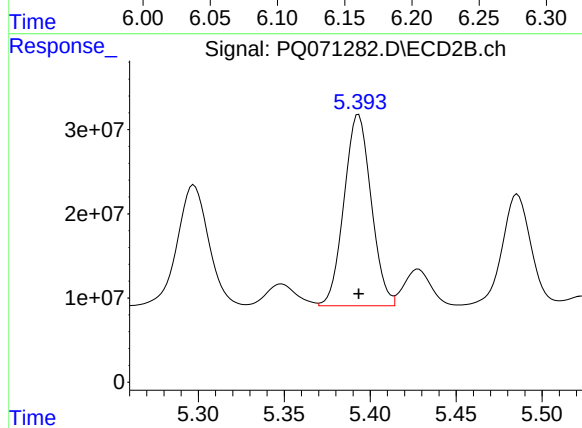
#28 AR-1254-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 379649643
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 211245059
Conc: 500.00 ng/ml



#29 AR-1254-4

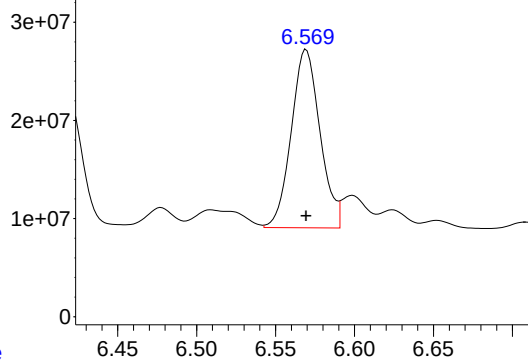
R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 249908850
Conc: 500.00 ng/ml

Response_

Signal: PQ071282.D\ECD1A.ch

#30 AR-1254-5

ICAL Form



R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 229816084
Conc: 500.00 ng/ml

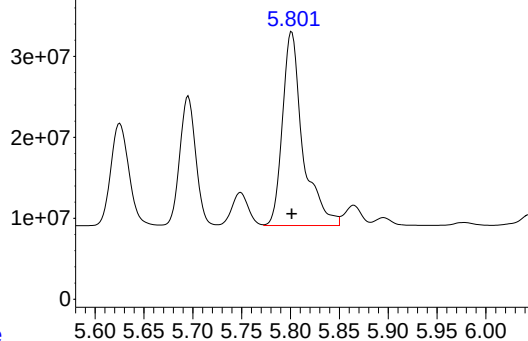
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Time

Response_

Signal: PQ071282.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 346115070
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:48:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.412	2.857	397.4E6	440.5E6	50.000	50.000
2) SA Decachlor...	8.537	7.659	282.3E6	413.8E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.868	5.845	233.3E6	319.8E6	500.000	500.000
37) L8 AR-1262-2	7.175	6.094	425.2E6	297.2E6	500.000	500.000
38) L8 AR-1262-3	7.449	6.618	280.4E6	238.8E6	500.000	500.000
39) L8 AR-1262-4	7.524	6.678	219.1E6	447.2E6	500.000	500.000
40) L8 AR-1262-5	8.021	7.171	142.0E6	214.2E6	500.000	500.000

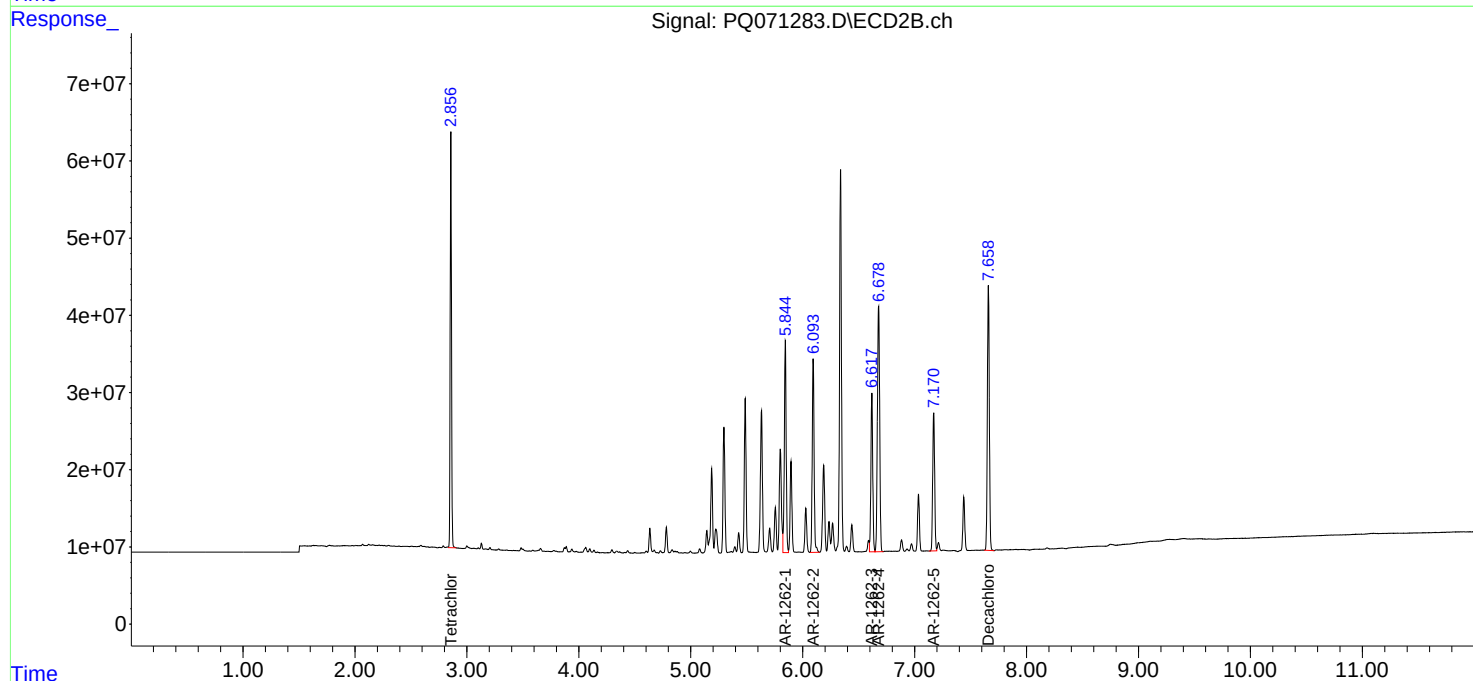
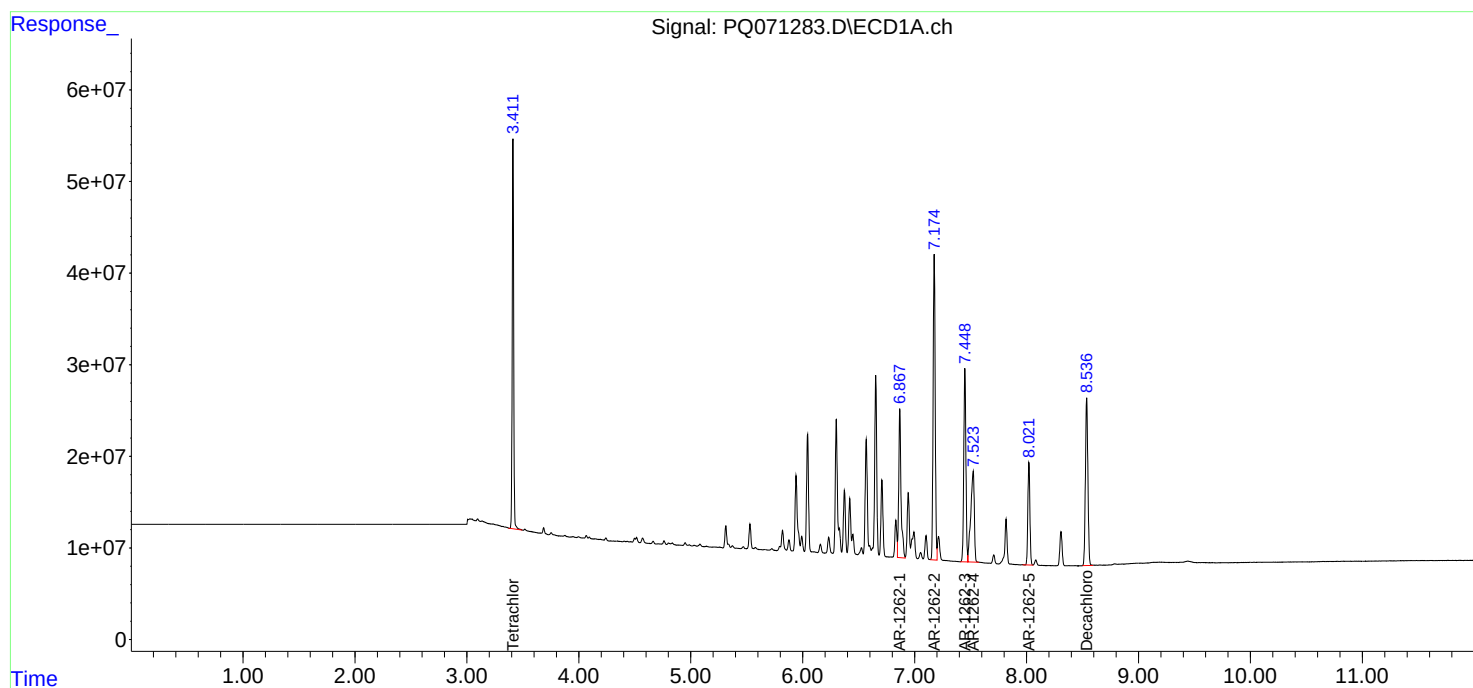
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

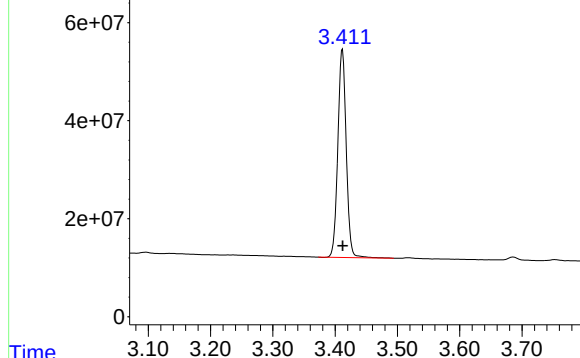
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:48:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:48:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PQ071283.D\ECD1A.ch

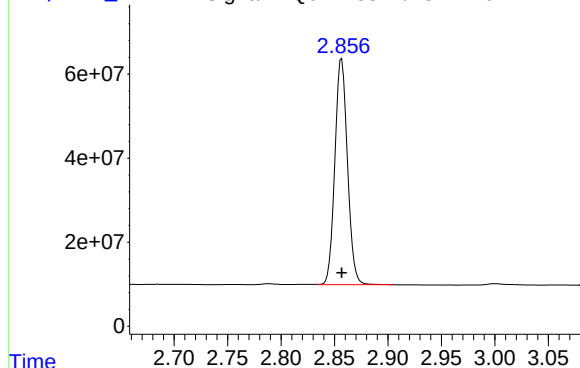


#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 397359526
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

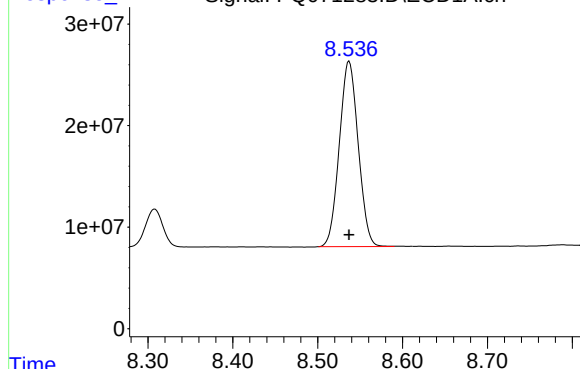
Time Response_ Signal: PQ071283.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 440482536
Conc: 50.00 ng/ml

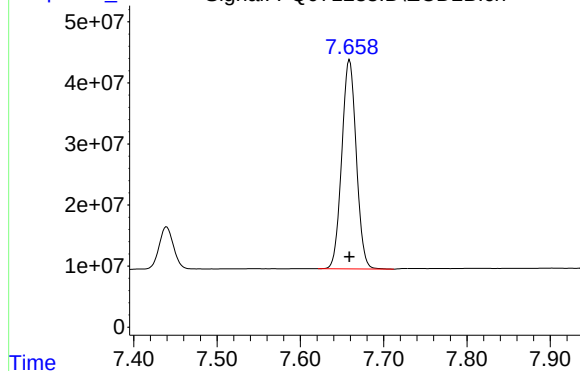
Time Response_ Signal: PQ071283.D\ECD1A.ch



#2 Decachlorobiphenyl

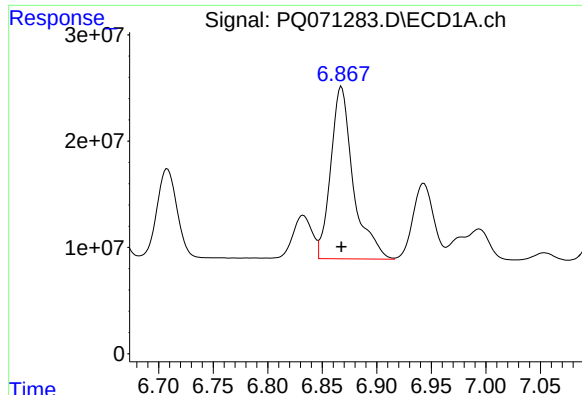
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 282269852
Conc: 50.00 ng/ml

Time Response_ Signal: PQ071283.D\ECD2B.ch



#2 Decachlorobiphenyl

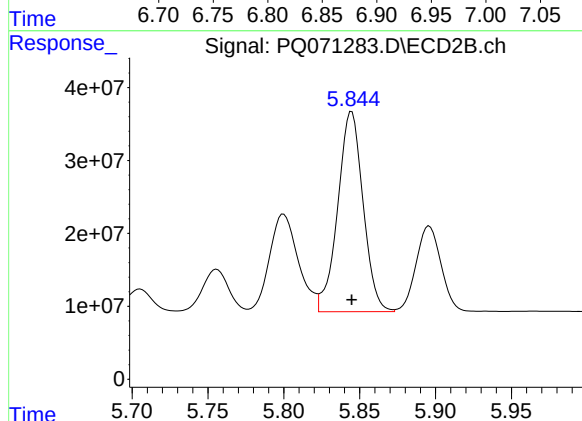
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 413775408
Conc: 50.00 ng/ml



#36 AR-1262-1

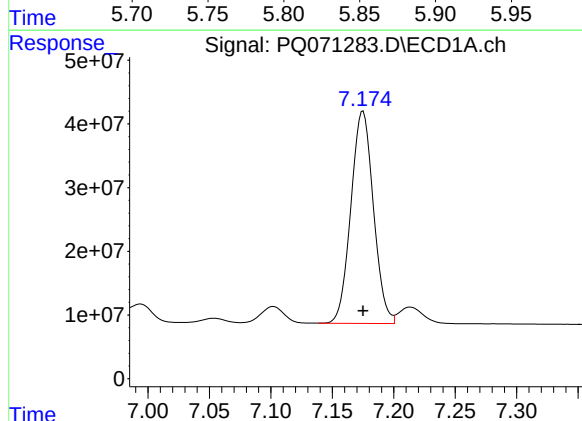
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 233323011
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



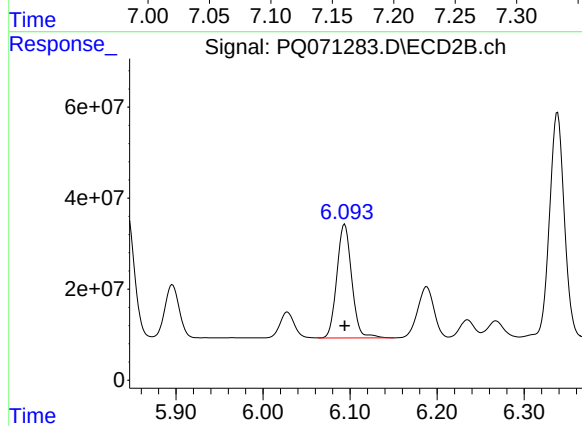
#36 AR-1262-1

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 319754851
Conc: 500.00 ng/ml



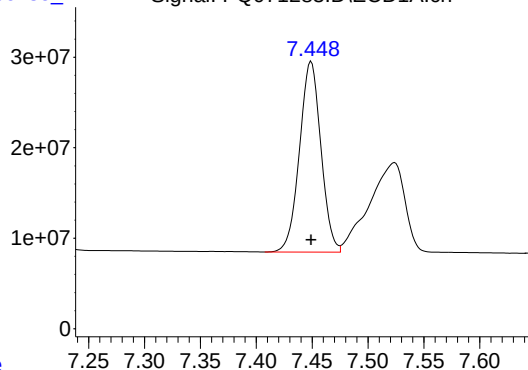
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 425161976
Conc: 500.00 ng/ml



#37 AR-1262-2

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 297170097
Conc: 500.00 ng/ml



R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 280435199
Conc: 500.00 ng/ml

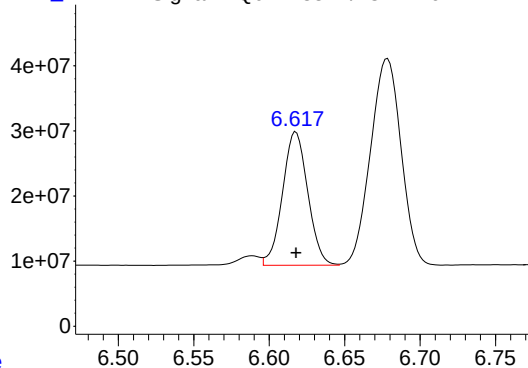
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Time

Response_

Signal: PQ071283.D\ECD2B.ch

#38 AR-1262-3



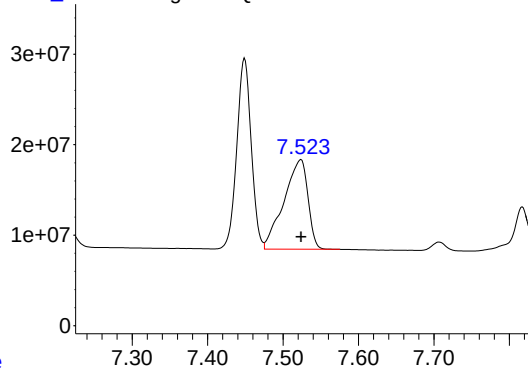
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 238828993
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071283.D\ECD1A.ch

#39 AR-1262-4



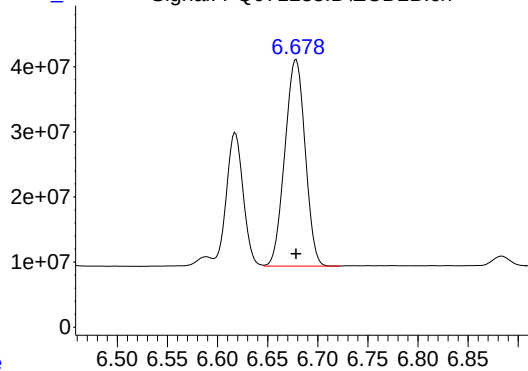
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 219133752
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071283.D\ECD2B.ch

#39 AR-1262-4



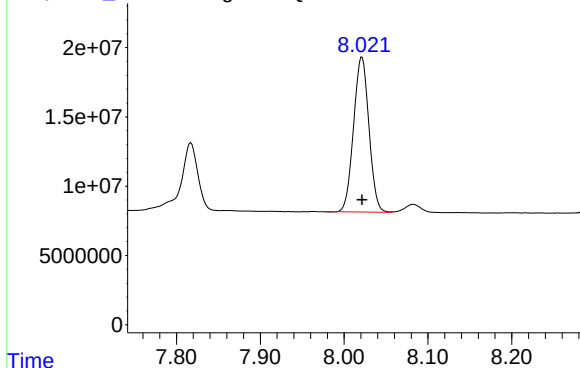
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 447174978
Conc: 500.00 ng/ml

Response_

Signal: PQ071283.D\ECD1A.ch

#40 AR-1262-5

ICAL Form



R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 141988111
Conc: 500.00 ng/ml

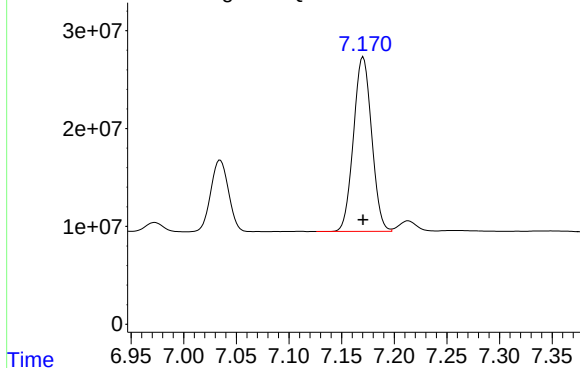
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Time

Response_

Signal: PQ071283.D\ECD2B.ch

#40 AR-1262-5



R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 214166302
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:52:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:51:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.856	430.0E6	474.1E6	50.000	50.000
2) SA Decachlor...	8.536	7.658	526.0E6	773.1E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.447	6.617	510.4E6	720.0E6	500.000	500.000
42) L9 AR-1268-2	7.525	6.680	473.4E6	673.9E6	500.000	500.000
43) L9 AR-1268-3	7.707	6.883	388.9E6	567.9E6	500.000	500.000
44) L9 AR-1268-4	8.021	7.170	169.2E6	253.6E6	500.000	500.000
45) L9 AR-1268-5	8.307	7.439	1147.4E6	1770.8E6	500.000	500.000

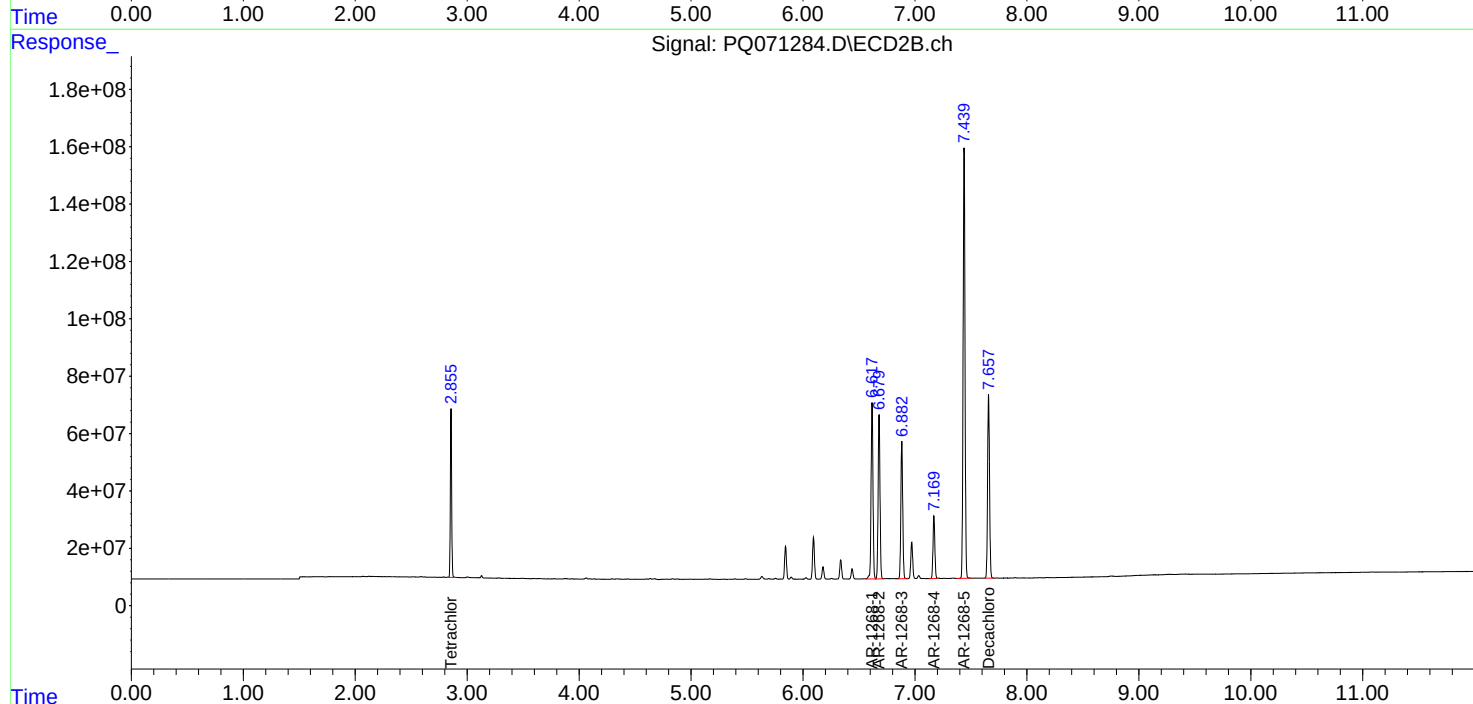
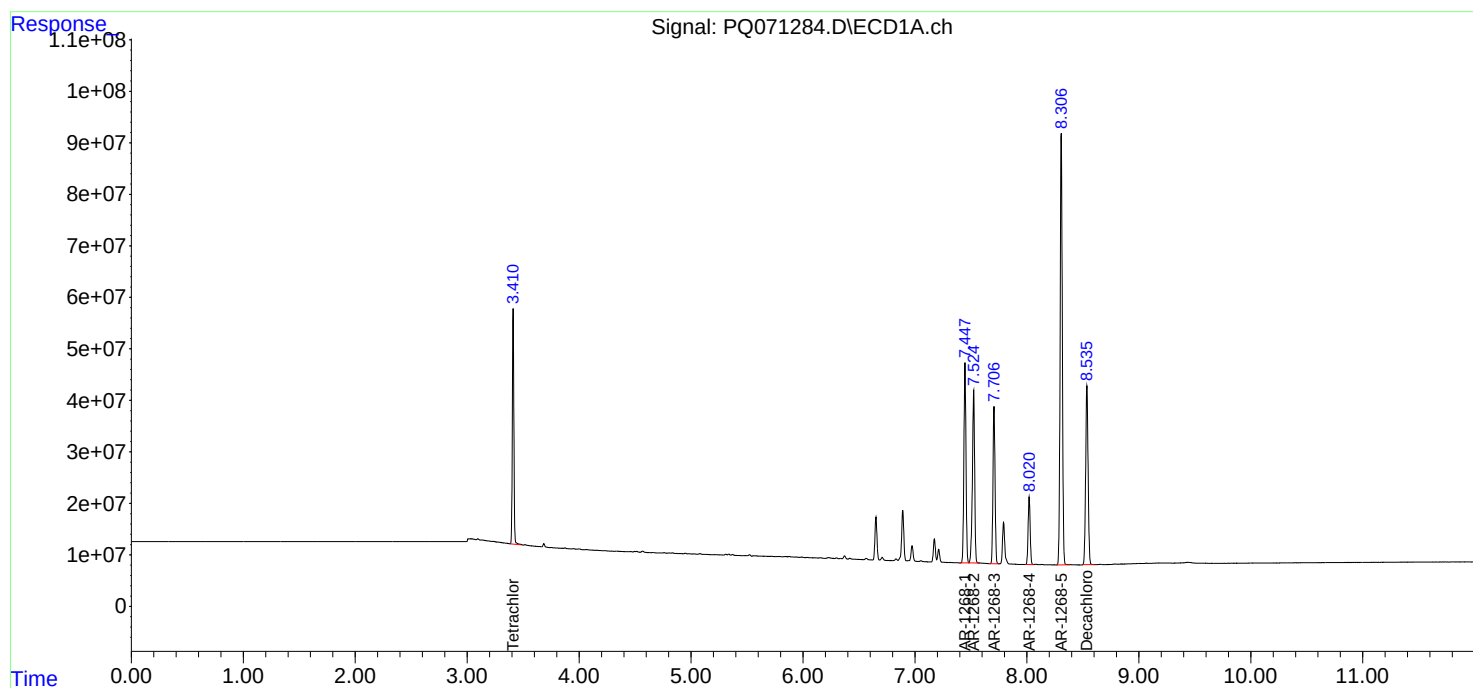
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 03:52:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 03:51:49 2025
Response via : Initial Calibration
Integrator: ChemStation

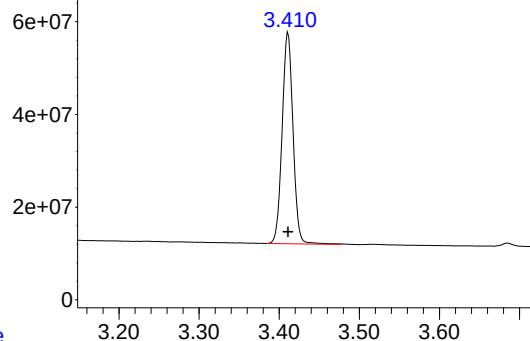
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PQ071284.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 429979015
Conc: 50.00 ng/ml

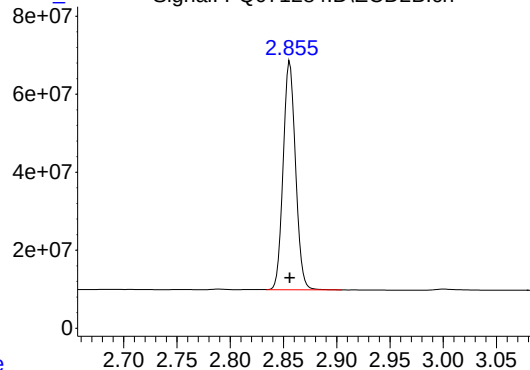
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Time

Response_

Signal: PQ071284.D\ECD2B.ch

#1 Tetrachloro-m-xylene



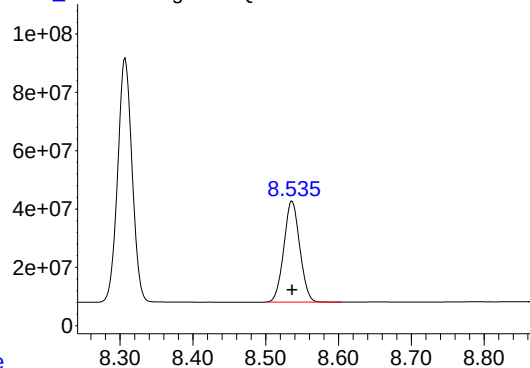
R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 474109049
Conc: 50.00 ng/ml

Time

Response_

Signal: PQ071284.D\ECD1A.ch

#2 Decachlorobiphenyl



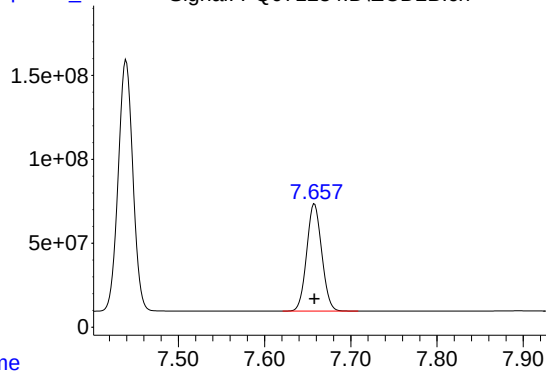
R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 526004699
Conc: 50.00 ng/ml

Time

Response_

Signal: PQ071284.D\ECD2B.ch

#2 Decachlorobiphenyl



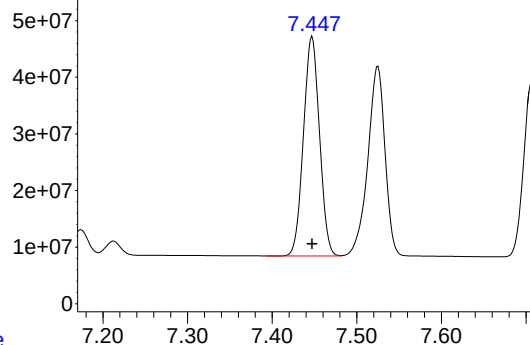
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 773144506
Conc: 50.00 ng/ml

Time

Response_

Signal: PQ071284.D\ECD1A.ch

#41 AR-1268-1



R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 510378458
Conc: 500.00 ng/ml

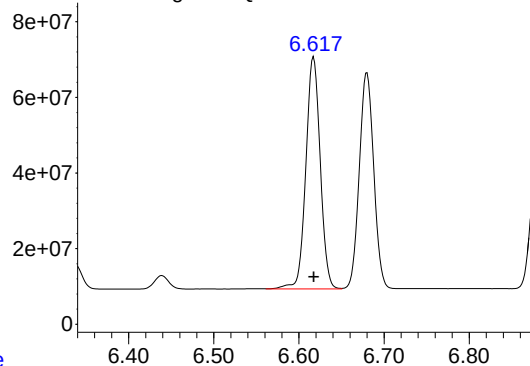
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Time

Response_

Signal: PQ071284.D\ECD2B.ch

#41 AR-1268-1



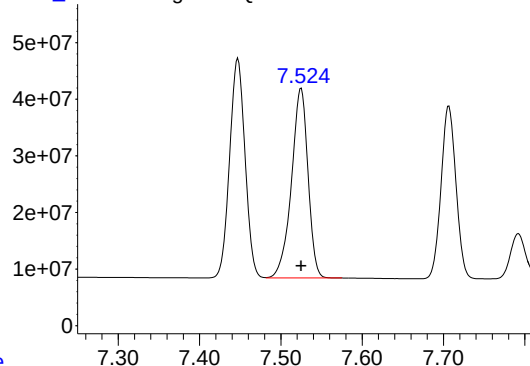
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 720021410
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071284.D\ECD1A.ch

#42 AR-1268-2



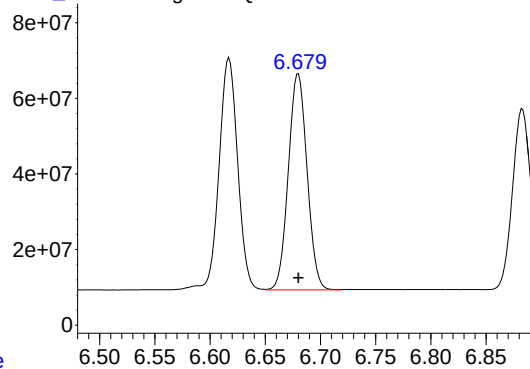
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 473375286
Conc: 500.00 ng/ml

Time

Response_

Signal: PQ071284.D\ECD2B.ch

#42 AR-1268-2



R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 673856653
Conc: 500.00 ng/ml

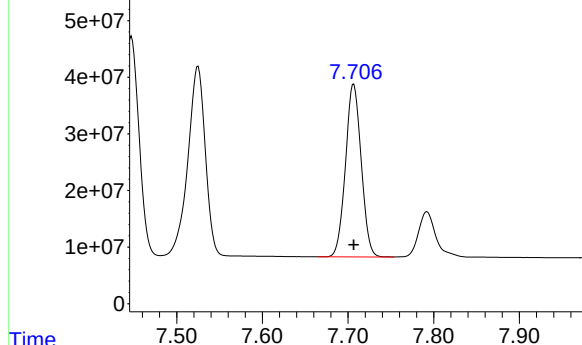
Time

Response_ Signal: PQ071284.D\ECD1A.ch

#43 AR-1268-3

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 388949065
Conc: 500.00 ng/ml

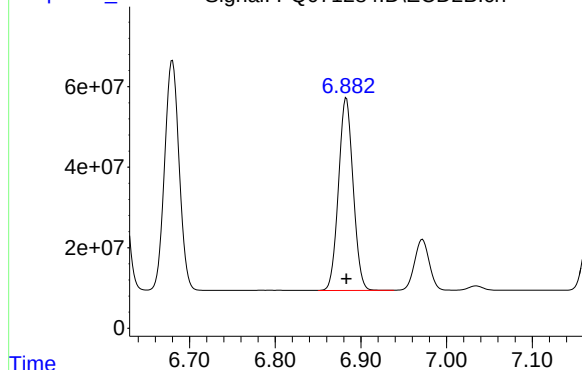
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



Time Response_ Signal: PQ071284.D\ECD2B.ch

#43 AR-1268-3

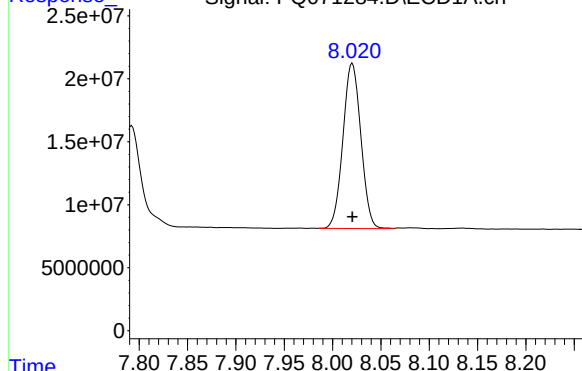
R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 567879128
Conc: 500.00 ng/ml



Time Response_ Signal: PQ071284.D\ECD1A.ch

#44 AR-1268-4

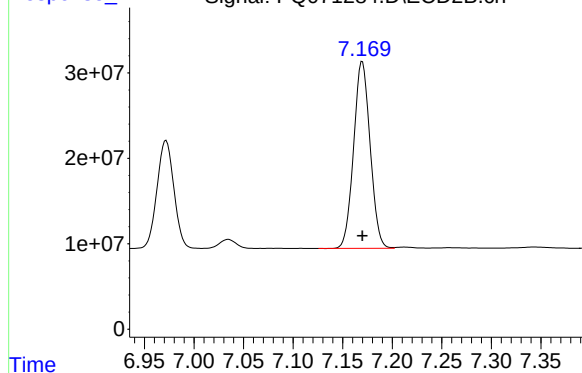
R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 169164861
Conc: 500.00 ng/ml



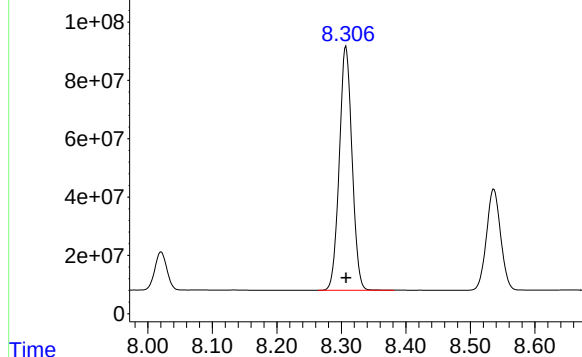
Time Response_ Signal: PQ071284.D\ECD2B.ch

#44 AR-1268-4

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 253566325
Conc: 500.00 ng/ml



Response_ Signal: PQ071284.D\ECD1A.ch

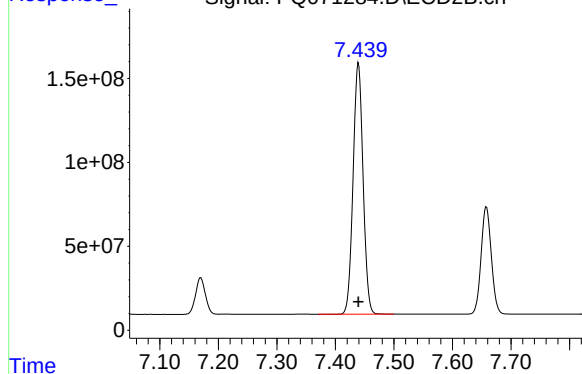


#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 1147366168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Time Response_ Signal: PQ071284.D\ECD2B.ch



#45 AR-1268-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 1770756916
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:07:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.856	418.3E6	459.7E6	48.057	49.238
2) SA Decachlor...	8.538	7.659	307.7E6	452.7E6	49.146	49.547
Target Compounds						
3) L1 AR-1016-1	4.497	3.871	158.5E6	175.7E6	479.425	485.137
4) L1 AR-1016-2	4.517	3.887	229.3E6	245.1E6	482.184	499.040
5) L1 AR-1016-3	4.574	4.049	144.7E6	139.6E6	484.818	502.166
6) L1 AR-1016-4	4.664	4.098	118.4E6	109.1E6	482.247	486.710
7) L1 AR-1016-5	4.949	4.295	114.5E6	137.6E6	484.433	493.858
31) L7 AR-1260-1	6.043	5.296	203.4E6	242.8E6	454.601	486.597
32) L7 AR-1260-2	6.301	5.486	245.5E6	300.2E6	480.526	495.102
33) L7 AR-1260-3	6.653	5.629	184.0E6	298.9E6	480.682	505.526
34) L7 AR-1260-4	6.868	6.093	201.7E6	244.7E6	482.428	494.000
35) L7 AR-1260-5	7.175	6.338	406.8E6	567.3E6	488.813	494.075

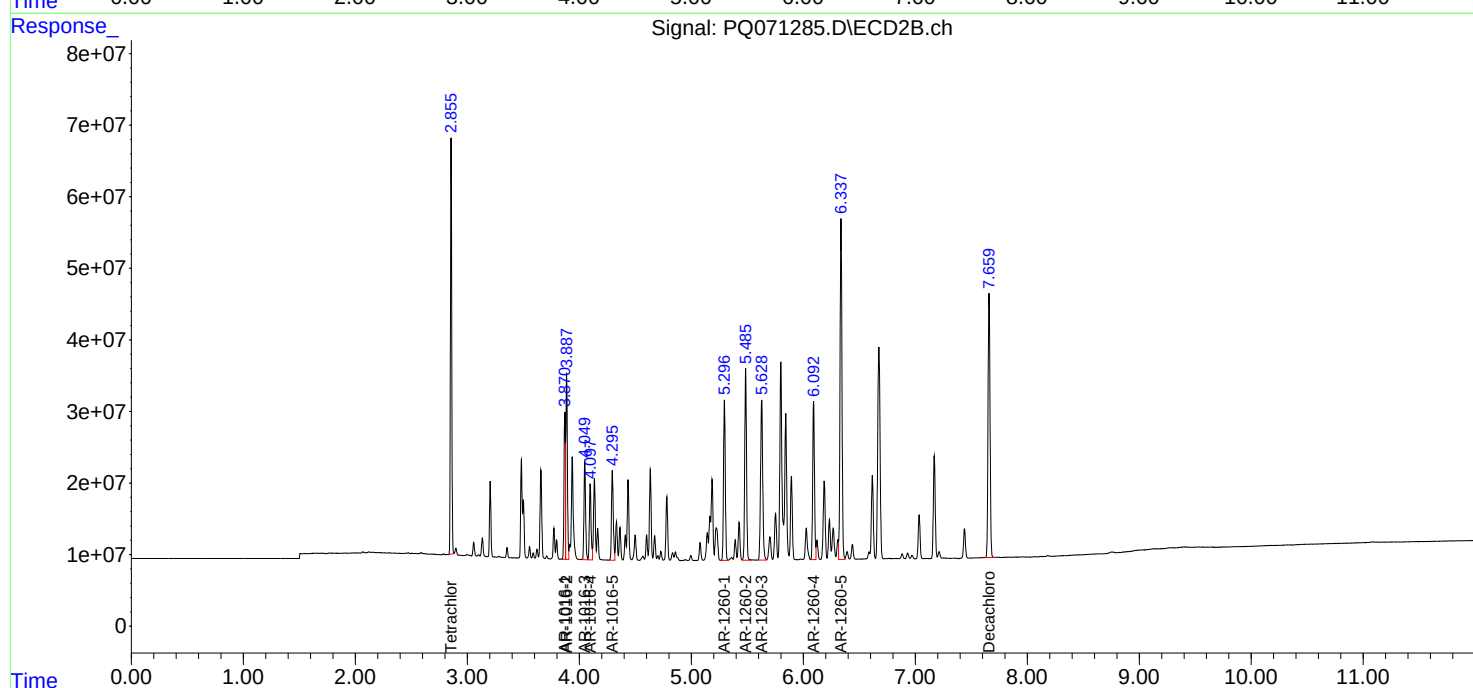
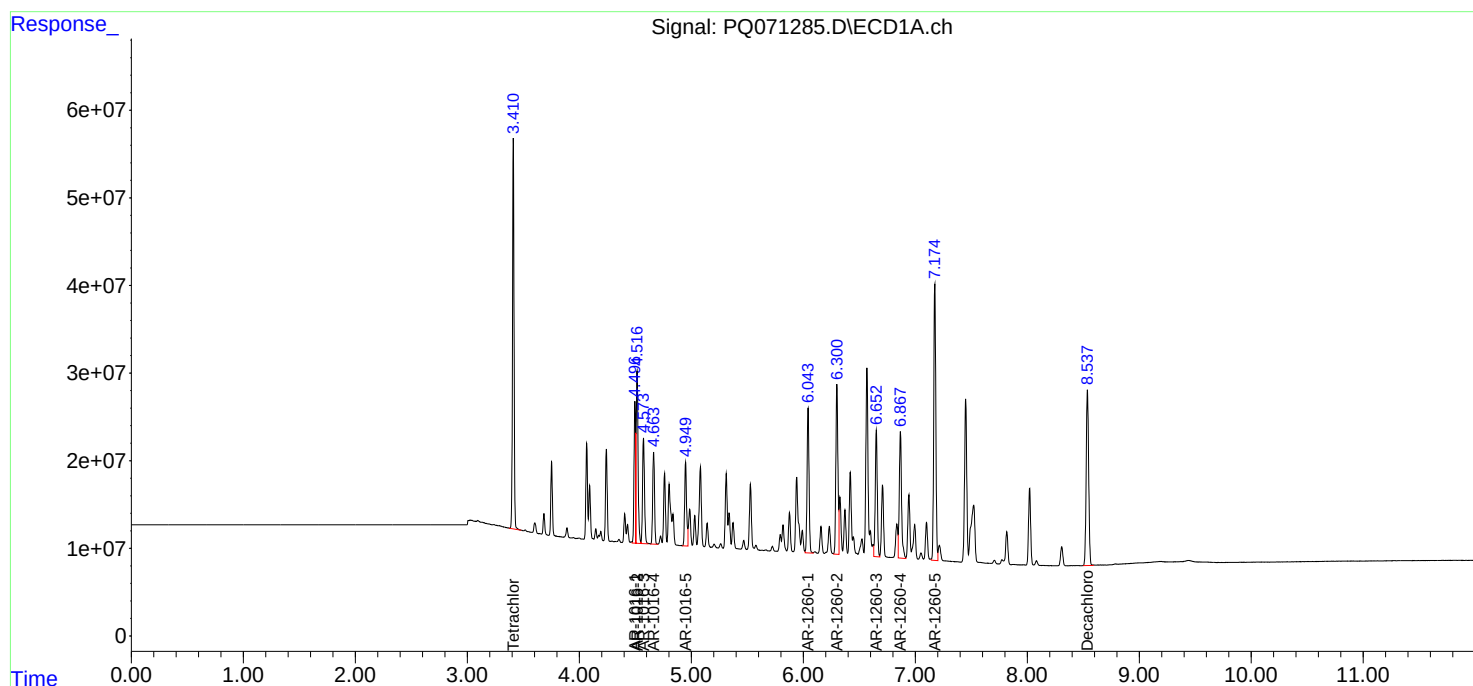
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:07:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

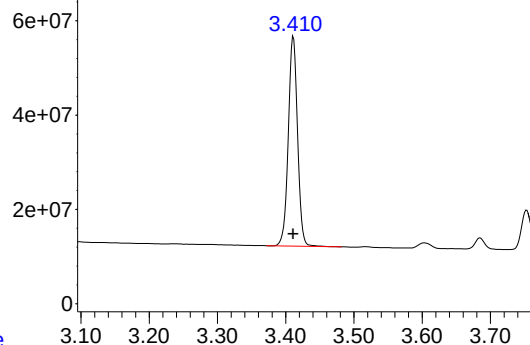
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PQ071285.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 418345287
Conc: 48.06 ng/ml

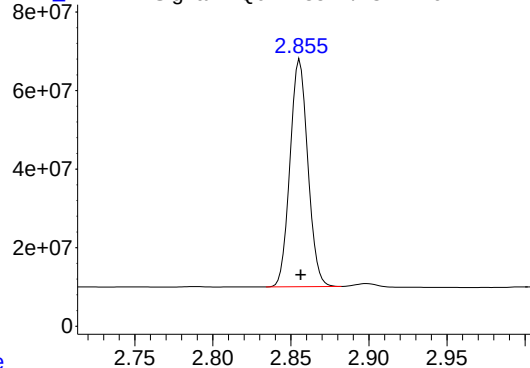
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Time

Response

Signal: PQ071285.D\ECD2B.ch

#1 Tetrachloro-m-xylene



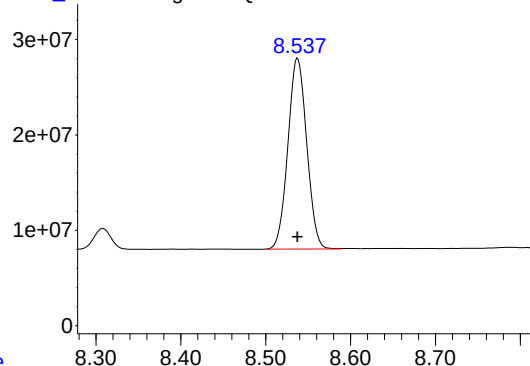
R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 459723605
Conc: 49.24 ng/ml

Time

Response

Signal: PQ071285.D\ECD1A.ch

#2 Decachlorobiphenyl



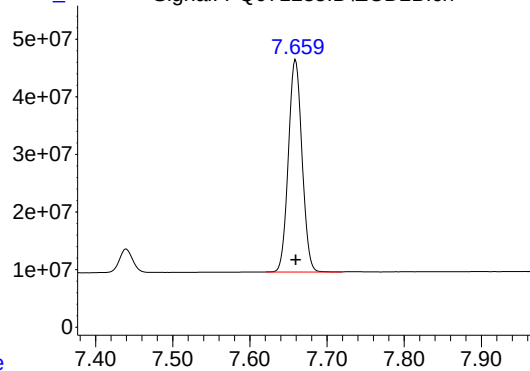
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 307731551
Conc: 49.15 ng/ml

Time

Response

Signal: PQ071285.D\ECD2B.ch

#2 Decachlorobiphenyl



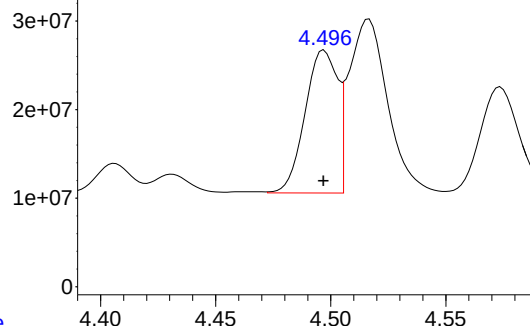
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 452743205
Conc: 49.55 ng/ml

Time

Response_

Signal: PQ071285.D\ECD1A.ch

#3 AR-1016-1



R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 158473831
Conc: 479.43 ng/ml

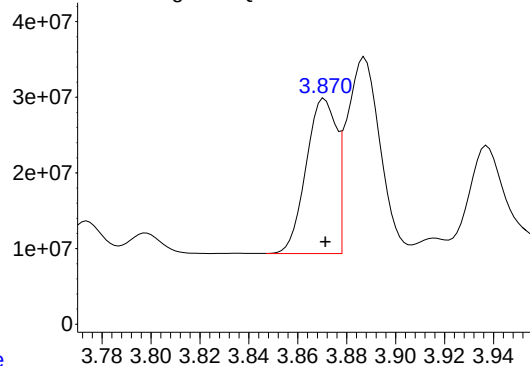
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Time

Response_

Signal: PQ071285.D\ECD2B.ch

#3 AR-1016-1



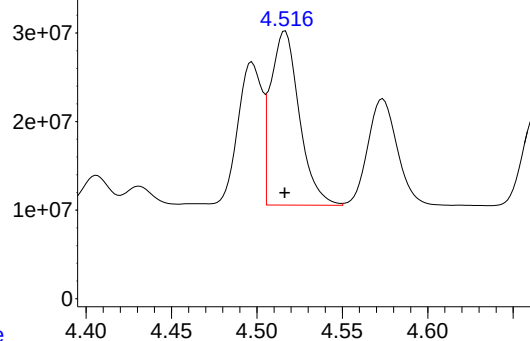
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 175679180
Conc: 485.14 ng/ml

Time

Response_

Signal: PQ071285.D\ECD1A.ch

#4 AR-1016-2



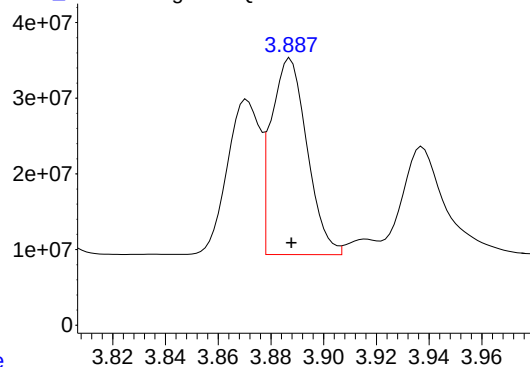
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 229336158
Conc: 482.18 ng/ml

Time

Response_

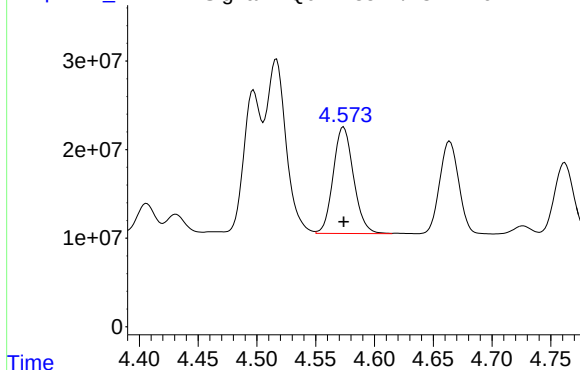
Signal: PQ071285.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 245119644
Conc: 499.04 ng/ml

Time



R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 144697959
Conc: 484.82 ng/ml

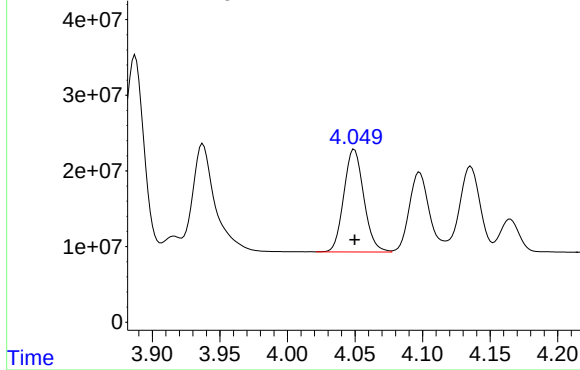
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Time

Response_

Signal: PQ071285.D\ECD2B.ch

#5 AR-1016-3



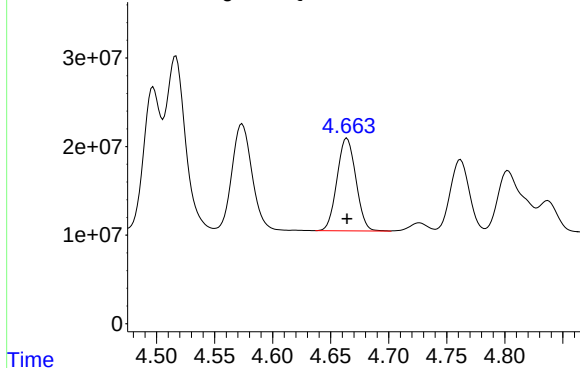
R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 139598085
Conc: 502.17 ng/ml

Time

Response_

Signal: PQ071285.D\ECD1A.ch

#6 AR-1016-4



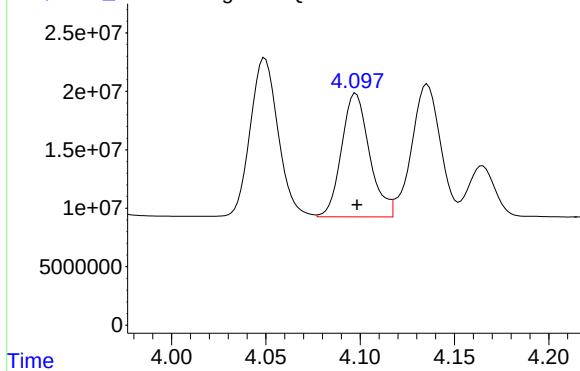
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 118414335
Conc: 482.25 ng/ml

Time

Response_

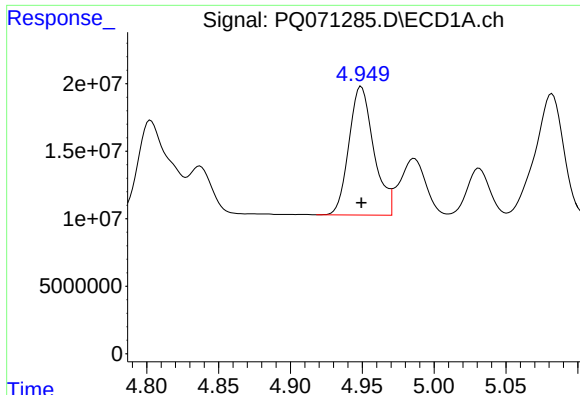
Signal: PQ071285.D\ECD2B.ch

#6 AR-1016-4



R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 109143697
Conc: 486.71 ng/ml

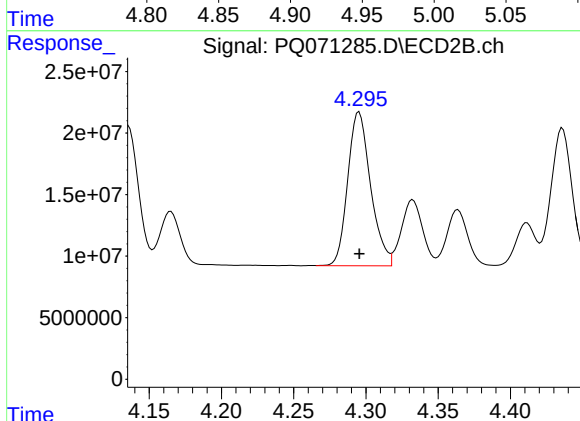
Time



#7 AR-1016-5

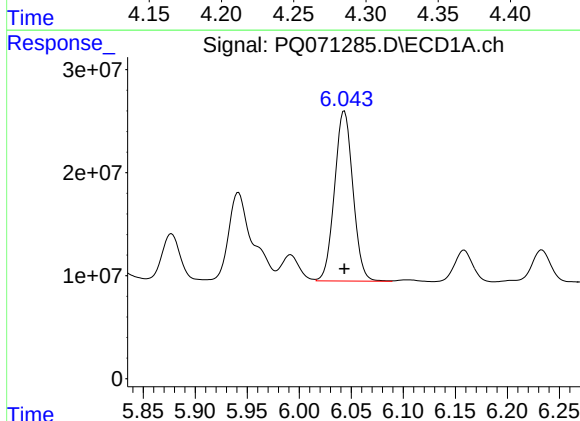
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 114527229
Conc: 484.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



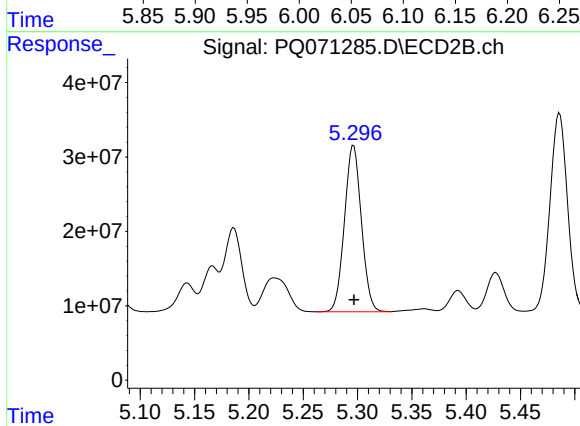
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 137572974
Conc: 493.86 ng/ml



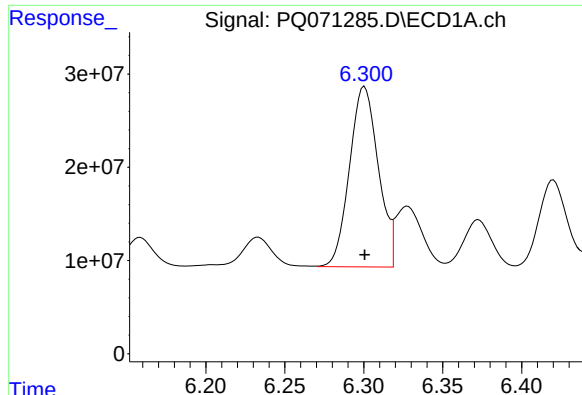
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 203432707
Conc: 454.60 ng/ml



#31 AR-1260-1

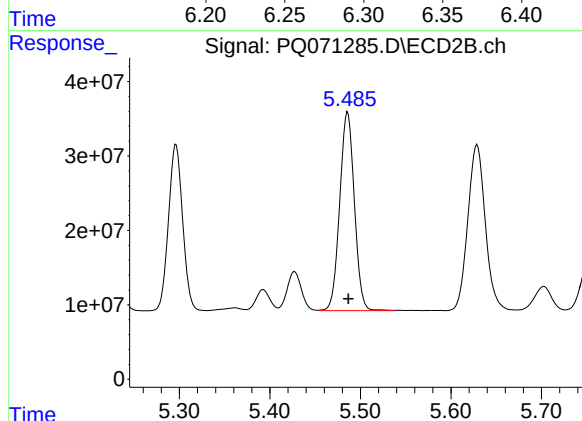
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 242776509
Conc: 486.60 ng/ml



#32 AR-1260-2

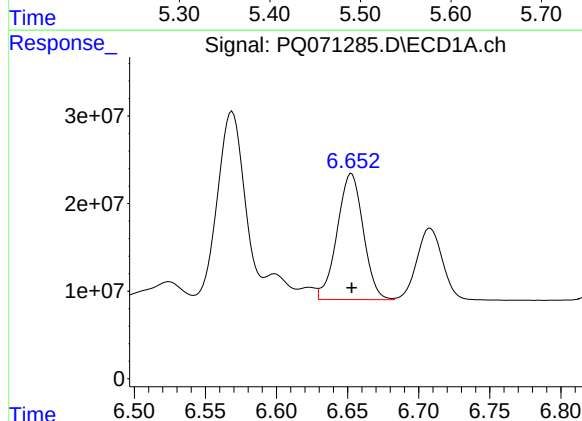
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 245507472
Conc: 480.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



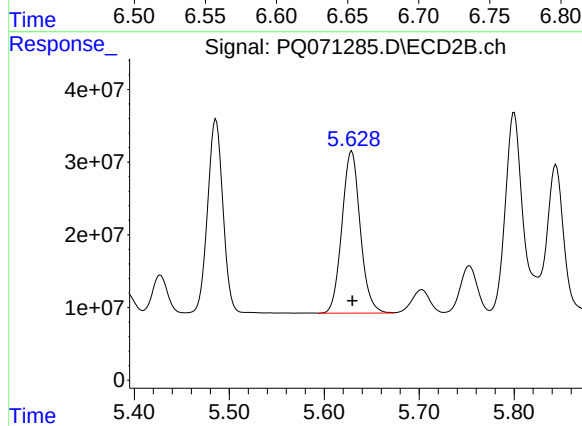
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 300217800
Conc: 495.10 ng/ml



#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 183973381
Conc: 480.68 ng/ml

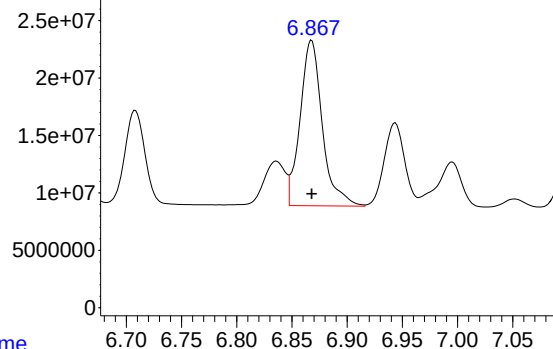


#33 AR-1260-3

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 298859113
Conc: 505.53 ng/ml

Response_ Signal: PQ071285.D\ECD1A.ch

#34 AR-1260-4

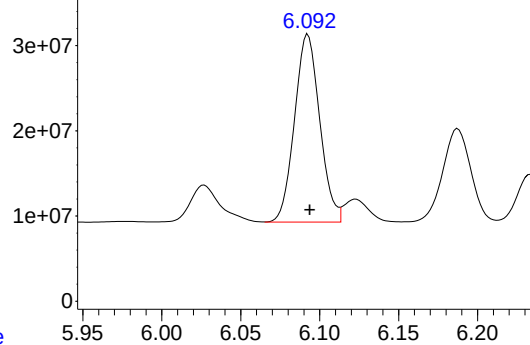


R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 201724477
Conc: 482.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

Time Response_ Signal: PQ071285.D\ECD2B.ch

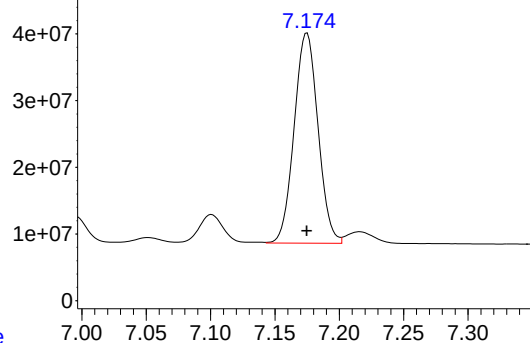
#34 AR-1260-4



R.T.: 6.093 min
Delta R.T.: -0.001 min
Response: 244717116
Conc: 494.00 ng/ml

Time Response_ Signal: PQ071285.D\ECD1A.ch

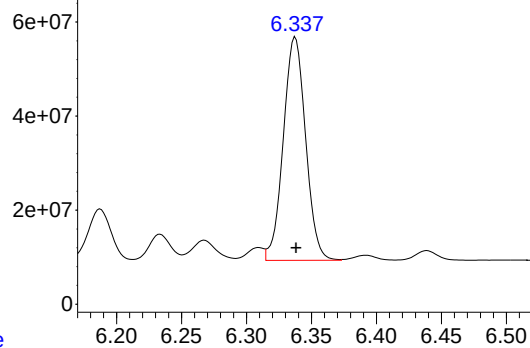
#35 AR-1260-5



R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 406808770
Conc: 488.81 ng/ml

Time Response_ Signal: PQ071285.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 567338905
Conc: 494.07 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 09:06

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.51	4.50	4.40	4.60	-0.01
Aroclor-1016-2	(2)	4.53	4.52	4.42	4.62	-0.01
Aroclor-1016-3	(3)	4.59	4.57	4.47	4.67	-0.02
Aroclor-1016-4	(4)	4.68	4.66	4.56	4.76	-0.02
Aroclor-1016-5	(5)	4.96	4.95	4.85	5.05	-0.01
Aroclor-1260-1	(1)	6.06	6.04	5.94	6.14	-0.02
Aroclor-1260-2	(2)	6.32	6.30	6.20	6.40	-0.02
Aroclor-1260-3	(3)	6.67	6.65	6.55	6.75	-0.02
Aroclor-1260-4	(4)	6.88	6.87	6.77	6.97	-0.01
Aroclor-1260-5	(5)	7.19	7.18	7.08	7.28	-0.01
Tetrachloro-m-xylene		3.42	3.41	3.31	3.51	-0.01
Decachlorobiphenyl		8.55	8.54	8.44	8.64	-0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 09:06

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.09	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.34	6.34	6.24	6.44	0.00
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.66	7.66	7.56	7.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071418.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.511	4.397	4.597	468.710	500.000	-6.3
Aroclor-1016-2	4.530	4.416	4.616	456.980	500.000	-8.6
Aroclor-1016-3	4.588	4.474	4.674	480.010	500.000	-4.0
Aroclor-1016-4	4.678	4.564	4.764	465.540	500.000	-6.9
Aroclor-1016-5	4.963	4.849	5.049	473.390	500.000	-5.3
Aroclor-1260-1	6.057	5.943	6.143	463.600	500.000	-7.3
Aroclor-1260-2	6.315	6.200	6.400	479.950	500.000	-4.0
Aroclor-1260-3	6.667	6.552	6.752	470.240	500.000	-6.0
Aroclor-1260-4	6.882	6.767	6.967	482.260	500.000	-3.5
Aroclor-1260-5	7.189	7.075	7.275	484.030	500.000	-3.2
Decachlorobiphenyl	8.554	8.437	8.637	44.460	50.000	-11.1
Tetrachloro-m-xylene	3.424	3.311	3.511	46.350	50.000	-7.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071418.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	569.930	500.000	14.0
Aroclor-1016-2	3.885	3.788	3.988	578.700	500.000	15.7
Aroclor-1016-3	4.046	3.950	4.150	567.410	500.000	13.5
Aroclor-1016-4	4.094	3.998	4.198	540.350	500.000	8.1
Aroclor-1016-5	4.292	4.195	4.395	557.710	500.000	11.5
Aroclor-1260-1	5.293	5.197	5.397	547.750	500.000	9.6
Aroclor-1260-2	5.483	5.386	5.586	553.130	500.000	10.6
Aroclor-1260-3	5.626	5.530	5.730	541.900	500.000	8.4
Aroclor-1260-4	6.091	5.993	6.193	583.940	500.000	16.8
Aroclor-1260-5	6.336	6.238	6.438	565.980	500.000	13.2
Decachlorobiphenyl	7.659	7.559	7.759	53.390	50.000	6.8
Tetrachloro-m-xylene	2.854	2.756	2.956	53.020	50.000	6.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 09:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:32:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

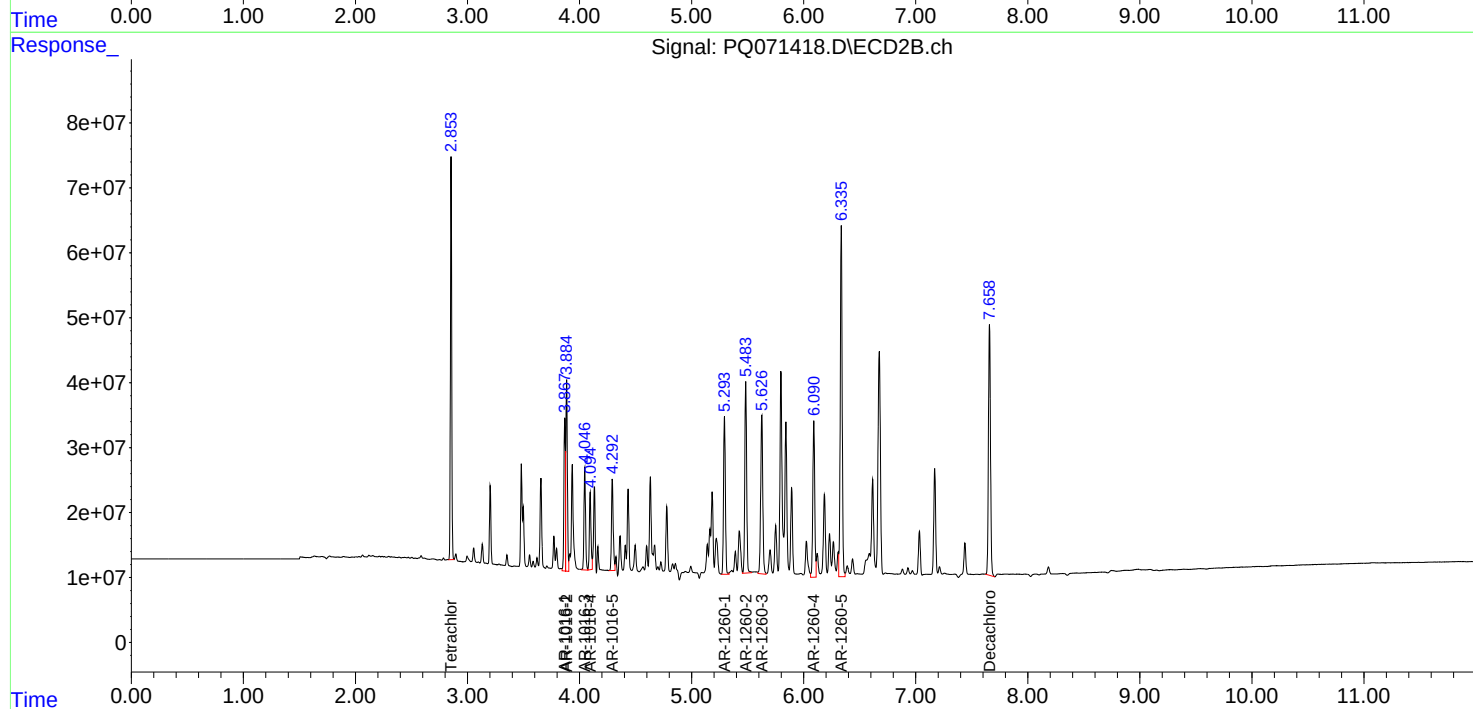
System Monitoring Compounds						
1) SA Tetrachlo...	3.424	2.854	403.5E6	495.0E6	46.349	53.019
2) SA Decachlor...	8.554	7.659	278.4E6	487.9E6	44.460	53.393
Target Compounds						
3) L1 AR-1016-1	4.511	3.868	154.9E6	206.4E6	468.705	569.933
4) L1 AR-1016-2	4.530	3.885	217.3E6	284.2E6	456.977m	578.695 #
5) L1 AR-1016-3	4.588	4.046	143.3E6	157.7E6	480.005	567.414m
6) L1 AR-1016-4	4.678	4.094	114.3E6	121.2E6	465.539	540.348m
7) L1 AR-1016-5	4.963	4.292	111.9E6	155.4E6	473.386	557.713m
31) L7 AR-1260-1	6.057	5.293	207.5E6	273.3E6	463.595	547.755m
32) L7 AR-1260-2	6.315	5.483	245.2E6	335.4E6	479.947	553.126m
33) L7 AR-1260-3	6.667	5.626	180.0E6	320.4E6	470.241	541.904m
34) L7 AR-1260-4	6.882	6.091	201.7E6	289.3E6	482.262	583.936
35) L7 AR-1260-5	7.189	6.336	402.8E6	649.9E6	484.035	565.980

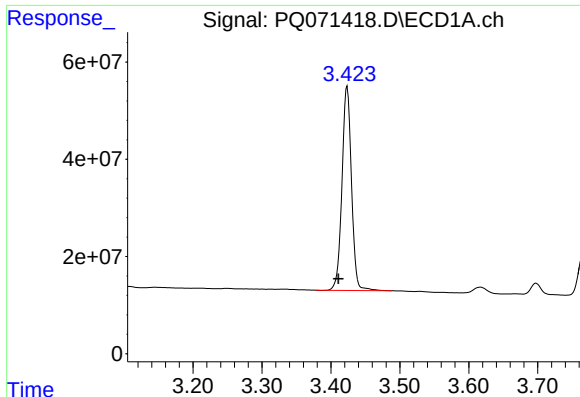
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





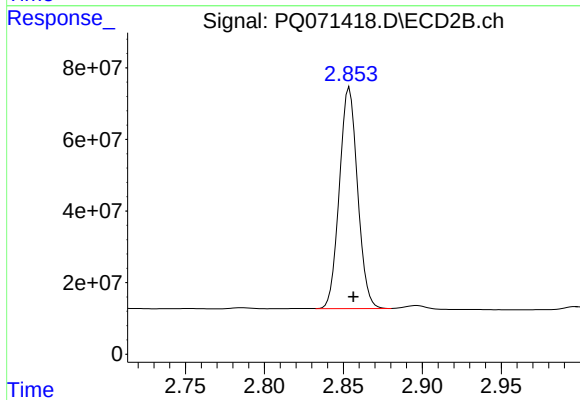
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.013 min
Response: 403475502
Conc: 46.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

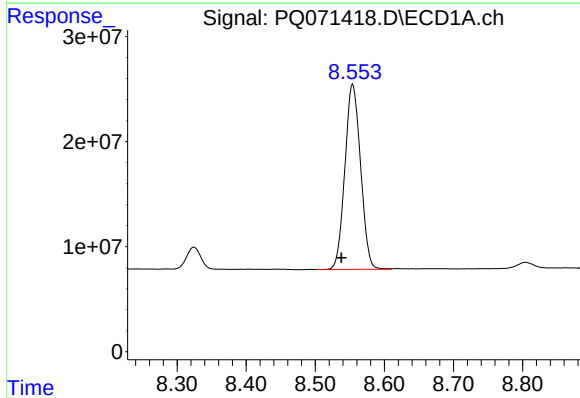
Manual Integrations
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Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



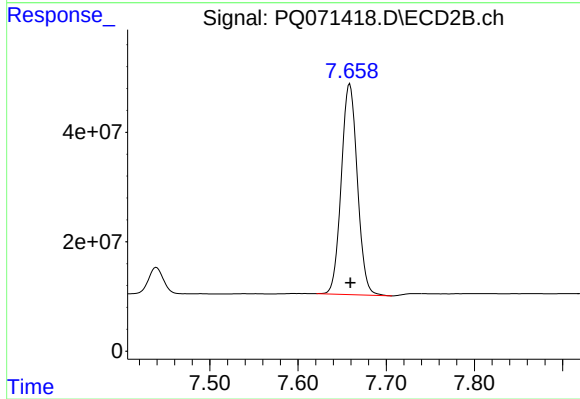
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 495025553
Conc: 53.02 ng/ml



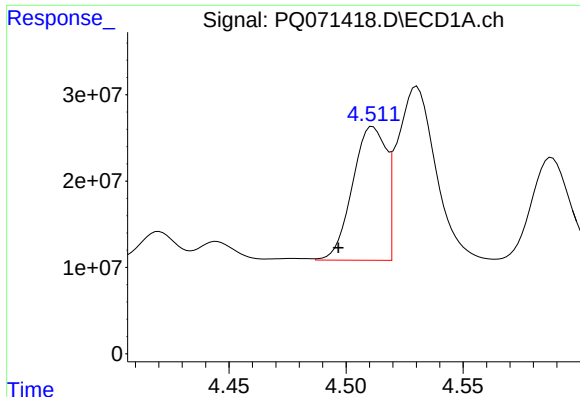
#2 Decachlorobiphenyl

R.T.: 8.554 min
Delta R.T.: 0.017 min
Response: 278389783
Conc: 44.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 487887066
Conc: 53.39 ng/ml



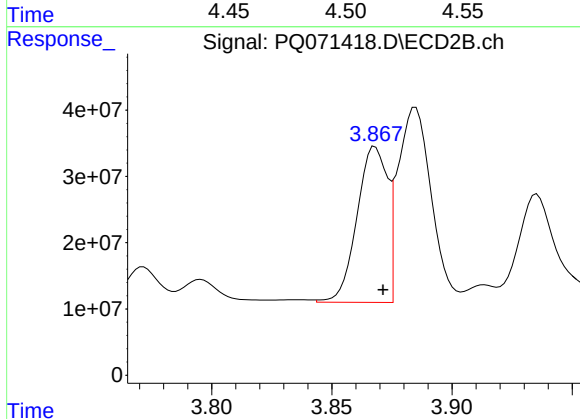
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.015 min
Response: 154930351
Conc: 468.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

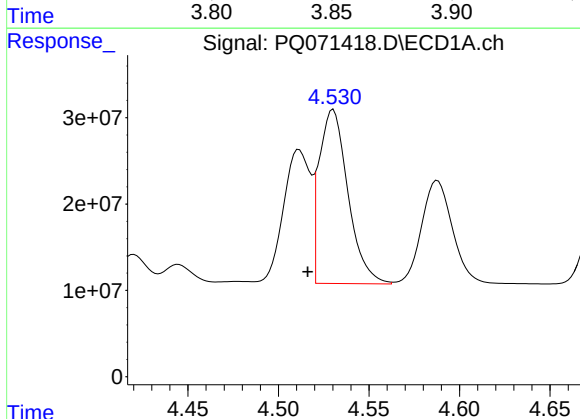
Manual Integrations
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Supervised By :mohammad ahmed 11/26/2025



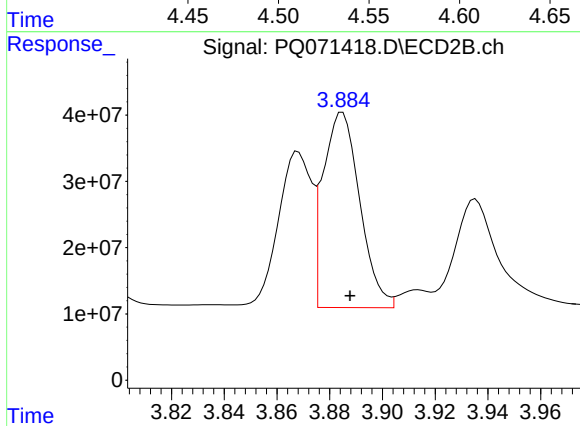
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 206385749
Conc: 569.93 ng/ml



#4 AR-1016-2

R.T.: 4.530 min
Delta R.T.: 0.013 min
Response: 217347309
Conc: 456.98 ng/ml m

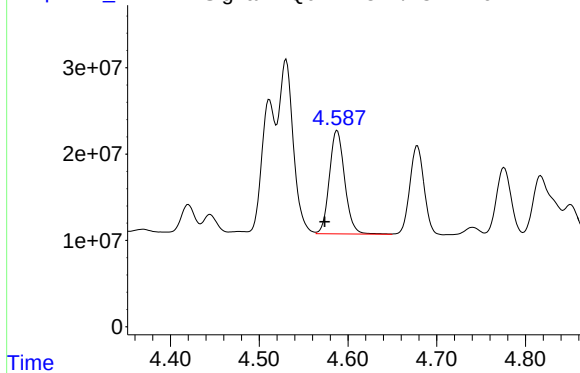


#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 284244853
Conc: 578.70 ng/ml

Response_ Signal: PQ071418.D\ECD1A.ch

#5 AR-1016-3



R.T.: 4.588 min
Delta R.T.: 0.014 min
Response: 143261629
Conc: 480.01 ng/ml

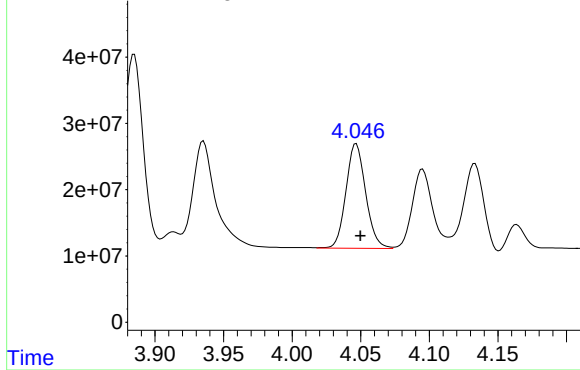
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
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Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071418.D\ECD2B.ch

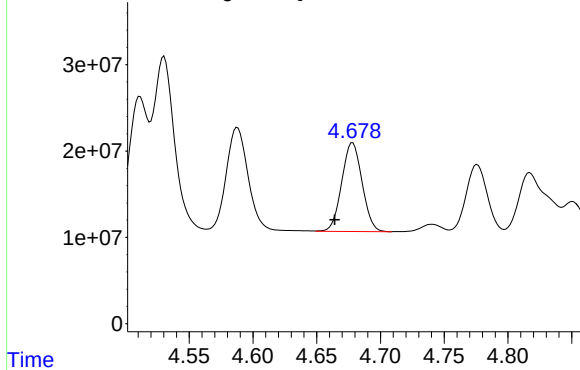
#5 AR-1016-3



R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 157736324
Conc: 567.41 ng/ml m

Time Response_ Signal: PQ071418.D\ECD1A.ch

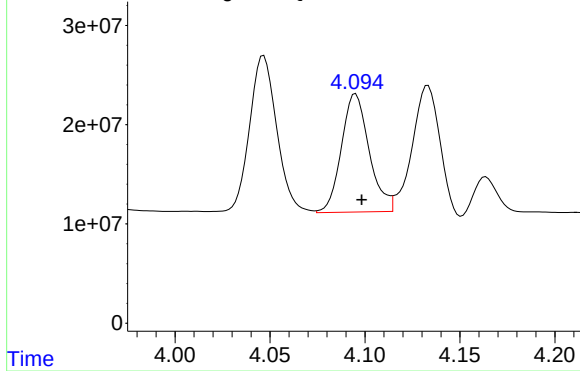
#6 AR-1016-4



R.T.: 4.678 min
Delta R.T.: 0.014 min
Response: 114311858
Conc: 465.54 ng/ml

Time Response_ Signal: PQ071418.D\ECD2B.ch

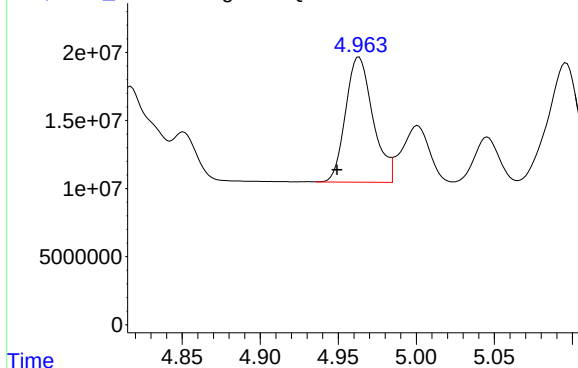
#6 AR-1016-4



R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 121172072
Conc: 540.35 ng/ml m

Response_ Signal: PQ071418.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.963 min
Delta R.T.: 0.014 min
Response: 111915374
Conc: 473.39 ng/ml

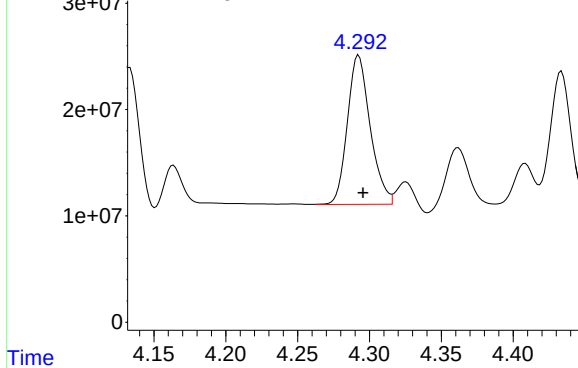
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
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Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071418.D\ECD2B.ch

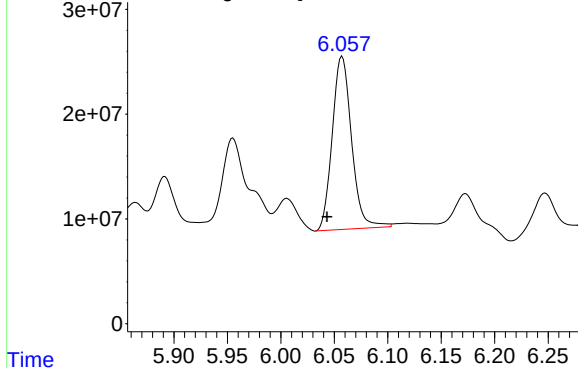
#7 AR-1016-5



R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 155360893
Conc: 557.71 ng/ml m

Response_ Signal: PQ071418.D\ECD1A.ch

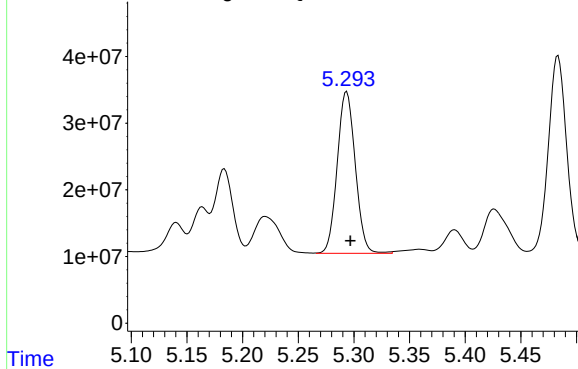
#31 AR-1260-1



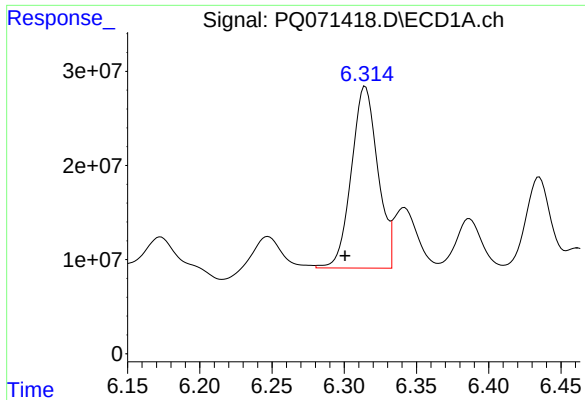
R.T.: 6.057 min
Delta R.T.: 0.014 min
Response: 207457544
Conc: 463.60 ng/ml

Time Response_ Signal: PQ071418.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 273289418
Conc: 547.75 ng/ml m



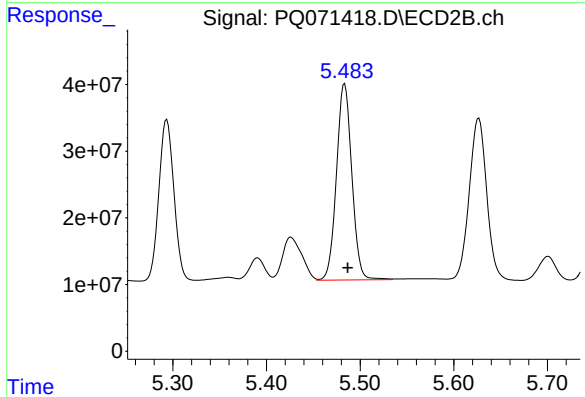
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: 0.014 min
Response: 245211662
Conc: 479.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

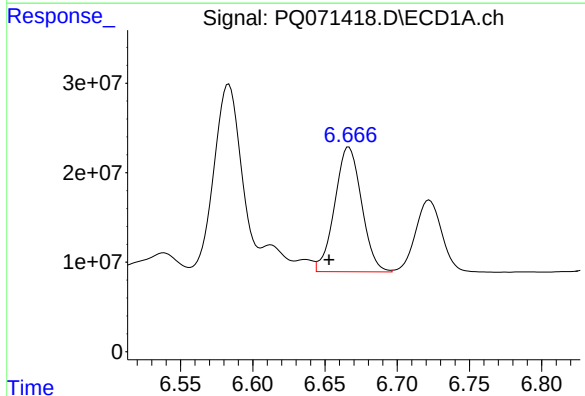
Manual Integrations
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Supervised By :mohammad ahmed 11/26/2025



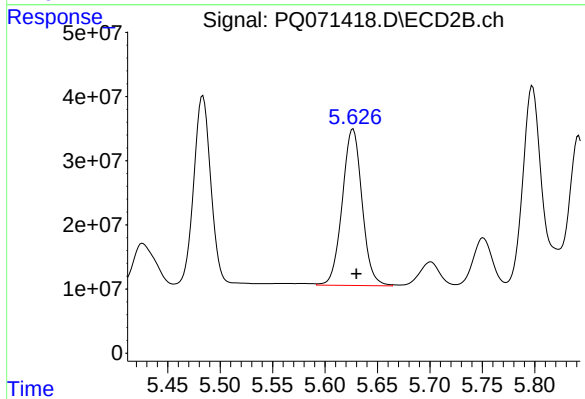
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 335402007
Conc: 553.13 ng/ml m



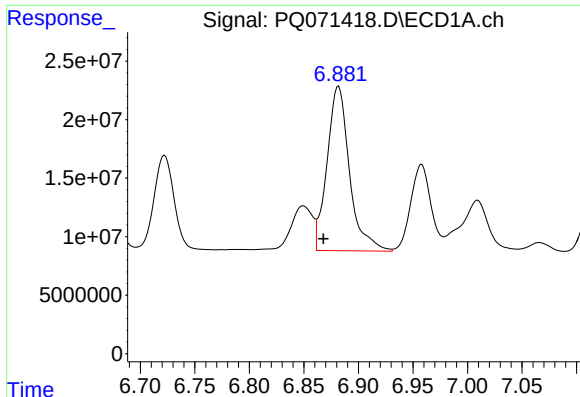
#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: 0.014 min
Response: 179977059
Conc: 470.24 ng/ml



#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 320364969
Conc: 541.90 ng/ml m



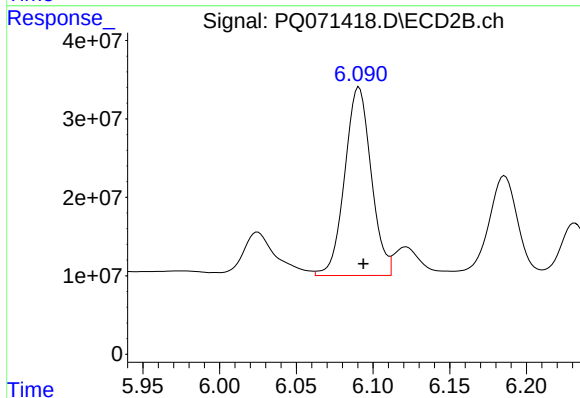
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: 0.014 min
Response: 201655441
Conc: 482.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

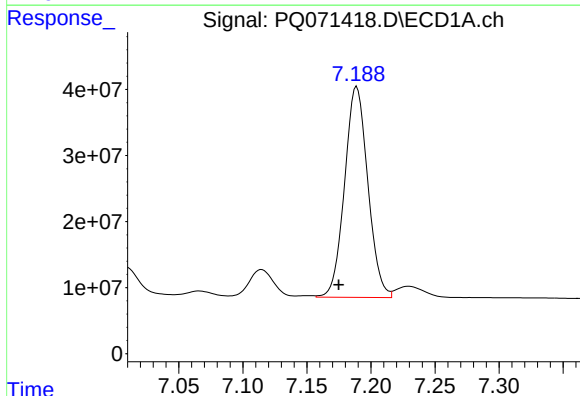
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



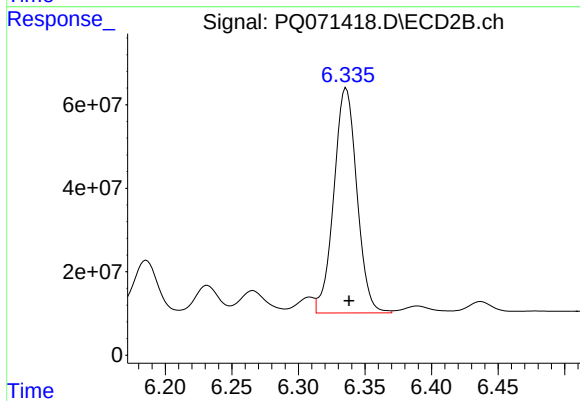
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 289269365
Conc: 583.94 ng/ml



#35 AR-1260-5

R.T.: 7.189 min
Delta R.T.: 0.014 min
Response: 402831893
Conc: 484.03 ng/ml



#35 AR-1260-5

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 649906974
Conc: 565.98 ng/ml



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 13:43

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.01
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.17	7.18	7.08	7.28	0.01
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 13:43

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.88	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.09	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.86	2.86	2.76	2.96	0.00
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071430.D **Time Analyzed:** 13:43

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	467.590	500.000	-6.5
Aroclor-1016-2	4.515	4.416	4.616	468.660	500.000	-6.3
Aroclor-1016-3	4.573	4.474	4.674	463.070	500.000	-7.4
Aroclor-1016-4	4.663	4.564	4.764	463.840	500.000	-7.2
Aroclor-1016-5	4.948	4.849	5.049	474.080	500.000	-5.2
Aroclor-1260-1	6.042	5.943	6.143	472.520	500.000	-5.5
Aroclor-1260-2	6.299	6.200	6.400	493.920	500.000	-1.2
Aroclor-1260-3	6.651	6.552	6.752	470.090	500.000	-6.0
Aroclor-1260-4	6.866	6.767	6.967	468.500	500.000	-6.3
Aroclor-1260-5	7.174	7.075	7.275	474.920	500.000	-5.0
Decachlorobiphenyl	8.536	8.437	8.637	42.850	50.000	-14.3
Tetrachloro-m-xylene	3.410	3.311	3.511	45.410	50.000	-9.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071430.D **Time Analyzed:** 13:43

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	559.790	500.000	12.0
Aroclor-1016-2	3.884	3.788	3.988	576.450	500.000	15.3
Aroclor-1016-3	4.046	3.950	4.150	546.460	500.000	9.3
Aroclor-1016-4	4.094	3.998	4.198	528.280	500.000	5.7
Aroclor-1016-5	4.291	4.195	4.395	554.960	500.000	11.0
Aroclor-1260-1	5.292	5.197	5.397	553.910	500.000	10.8
Aroclor-1260-2	5.482	5.386	5.586	548.650	500.000	9.7
Aroclor-1260-3	5.625	5.530	5.730	544.610	500.000	8.9
Aroclor-1260-4	6.089	5.993	6.193	578.640	500.000	15.7
Aroclor-1260-5	6.334	6.238	6.438	554.740	500.000	10.9
Decachlorobiphenyl	7.654	7.559	7.759	52.010	50.000	4.0
Tetrachloro-m-xylene	2.855	2.756	2.956	52.480	50.000	5.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:43
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	395.3E6	490.0E6	45.409	52.485
2) SA Decachlor...	8.536	7.654	268.3E6	475.3E6	42.847	52.013
Target Compounds						
3) L1 AR-1016-1	4.496	3.868	154.6E6	202.7E6	467.592	559.788
4) L1 AR-1016-2	4.515	3.884	222.9E6	283.1E6	468.661	576.448
5) L1 AR-1016-3	4.573	4.046	138.2E6	151.9E6	463.070	546.461m
6) L1 AR-1016-4	4.663	4.094	113.9E6	118.5E6	463.842	528.275m
7) L1 AR-1016-5	4.948	4.291	112.1E6	154.6E6	474.083	554.960m
31) L7 AR-1260-1	6.042	5.292	211.5E6	276.4E6	472.519	553.911m
32) L7 AR-1260-2	6.299	5.482	252.3E6	332.7E6	493.915	548.650m
33) L7 AR-1260-3	6.651	5.625	179.9E6	322.0E6	470.091	544.611m
34) L7 AR-1260-4	6.866	6.089	195.9E6	286.6E6	468.499	578.638
35) L7 AR-1260-5	7.174	6.334	395.2E6	637.0E6	474.920	554.738

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:43
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR1660CCC500

Manual Integrations

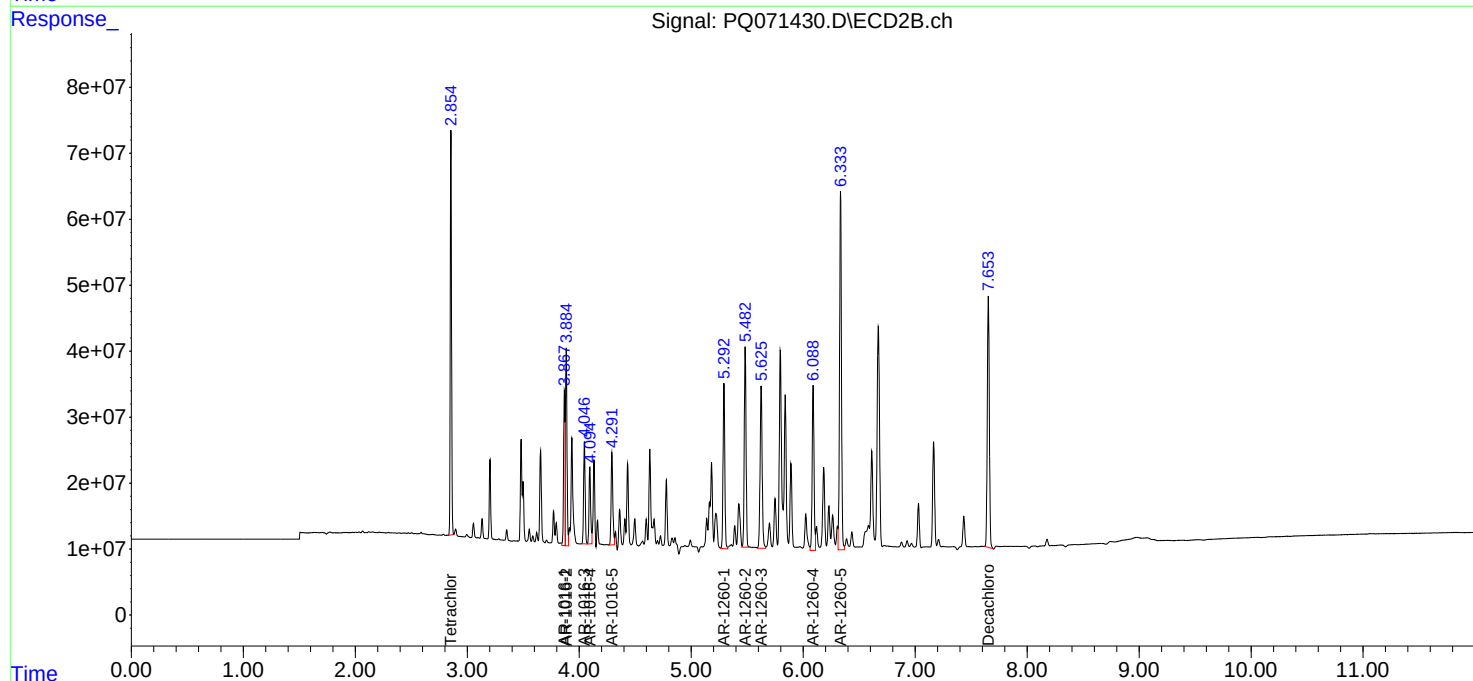
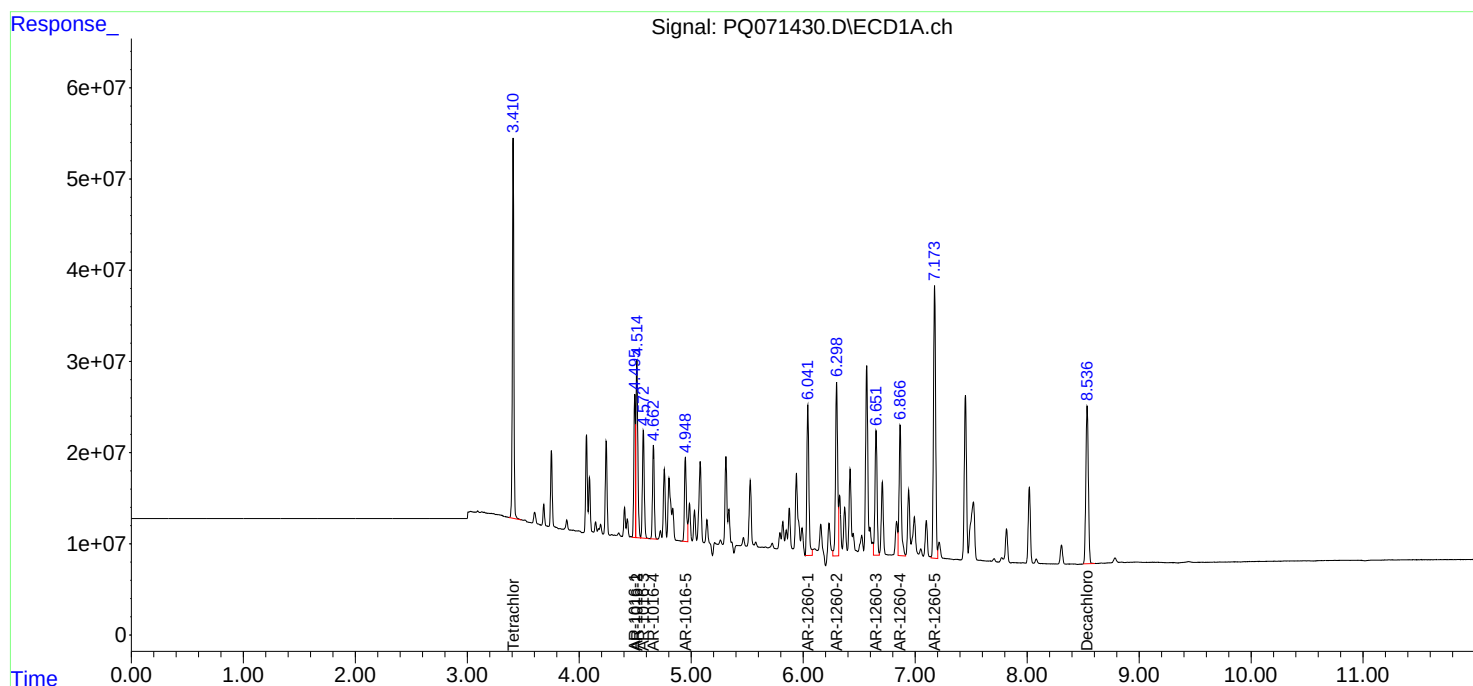
APPROVED

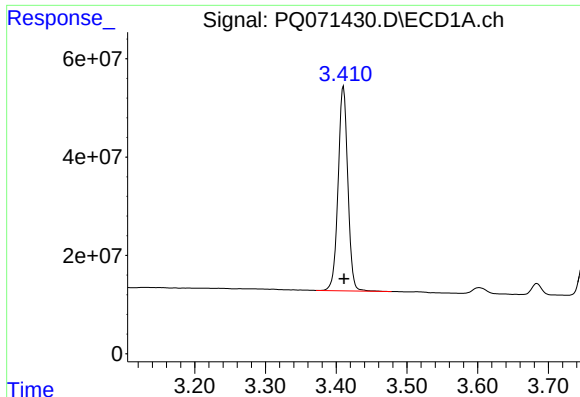
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 395290680
Conc: 45.41 ng/ml

Instrument :

ECD_Q

ClientSampleId :

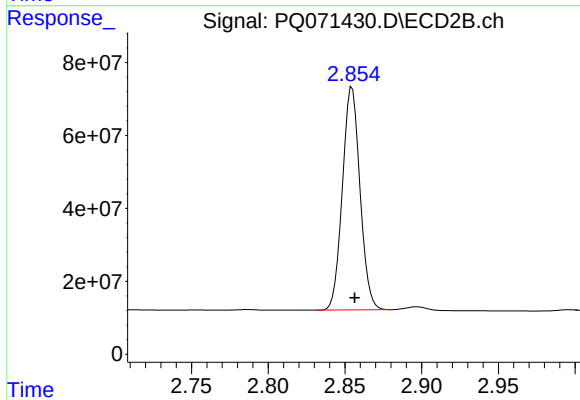
AR1660CCC500

Manual Integrations

APPROVED

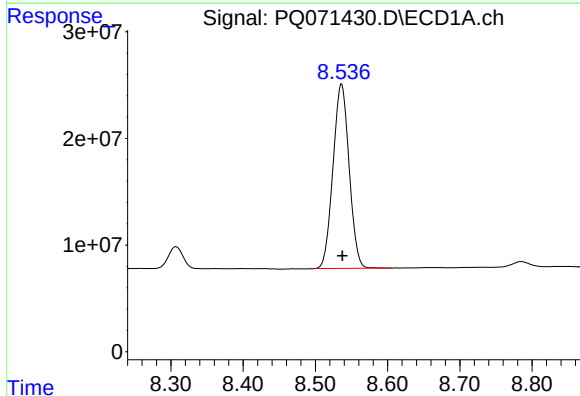
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025



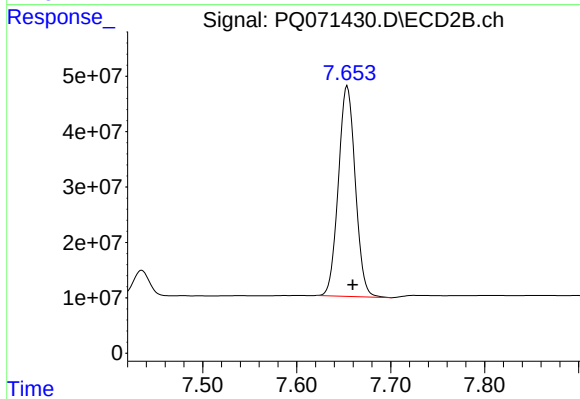
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 490034204
Conc: 52.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 268288480
Conc: 42.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 475282356
Conc: 52.01 ng/ml

Response_ Signal: PQ071430.D\ECD1A.ch

#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 154562459
Conc: 467.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071430.D\ECD2B.ch

#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 202712004
Conc: 559.79 ng/ml

Time Response_ Signal: PQ071430.D\ECD1A.ch

#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 222904414
Conc: 468.66 ng/ml

Time Response_ Signal: PQ071430.D\ECD2B.ch

#4 AR-1016-2

R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 283141238
Conc: 576.45 ng/ml

Response_ Signal: PQ071430.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 138207168
Conc: 463.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time

Response_ Signal: PQ071430.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 151911559
Conc: 546.46 ng/ml m

Time

Response_ Signal: PQ071430.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 113894992
Conc: 463.84 ng/ml

Time

Response_ Signal: PQ071430.D\ECD2B.ch

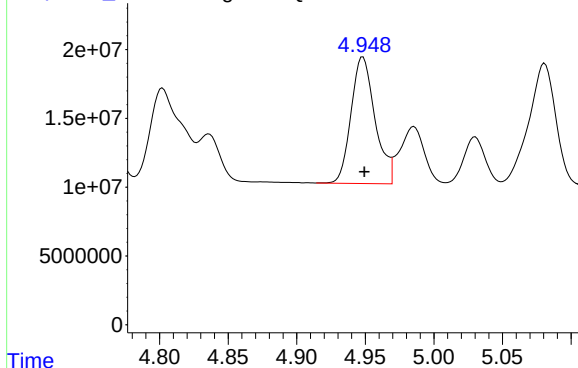
#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 118464730
Conc: 528.28 ng/ml m

Time

Response_ Signal: PQ071430.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 112080146
Conc: 474.08 ng/ml

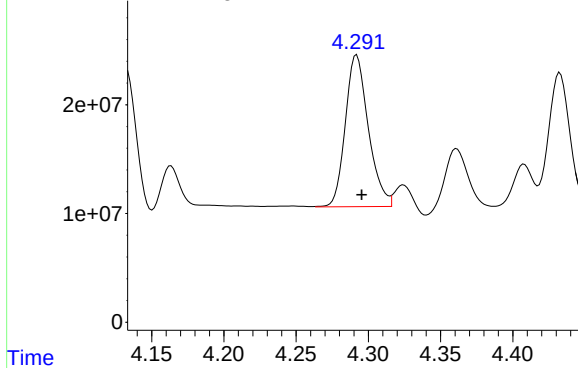
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071430.D\ECD2B.ch

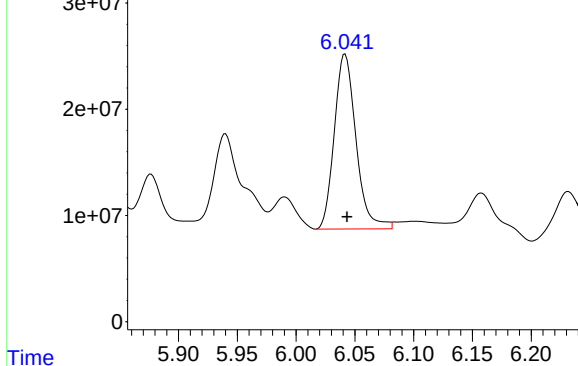
#7 AR-1016-5



R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 154594136
Conc: 554.96 ng/ml m

Time Response_ Signal: PQ071430.D\ECD1A.ch

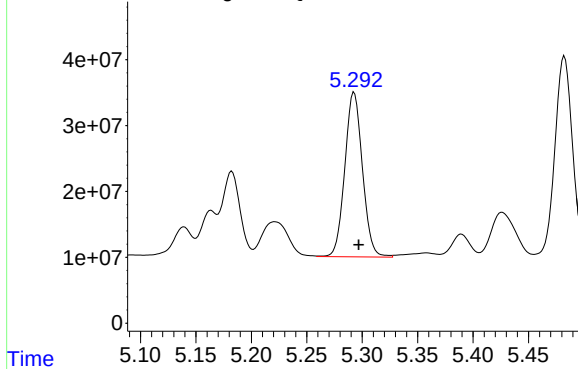
#31 AR-1260-1



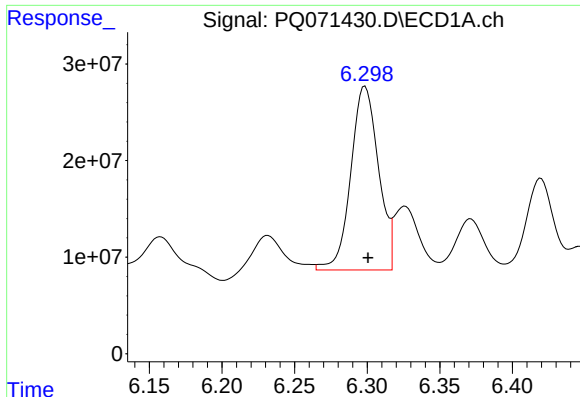
R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 211450891
Conc: 472.52 ng/ml

Time Response_ Signal: PQ071430.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 276361005
Conc: 553.91 ng/ml m



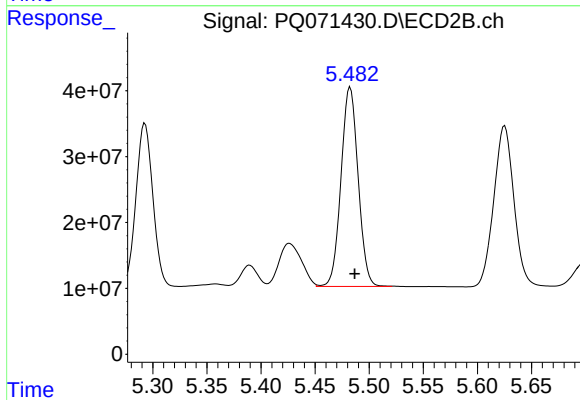
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 252348245
Conc: 493.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

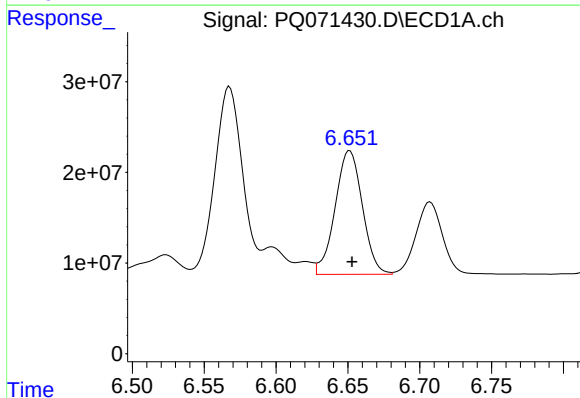
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



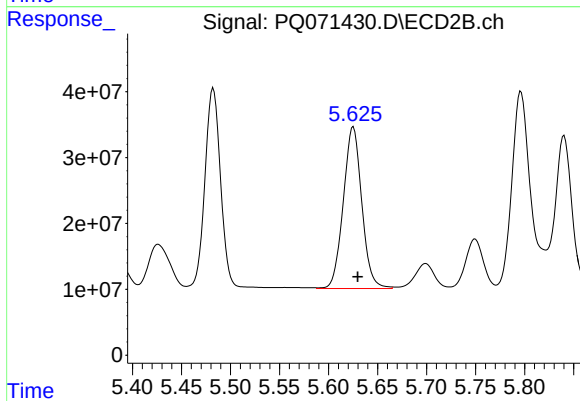
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 332688099
Conc: 548.65 ng/ml m



#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 179919707
Conc: 470.09 ng/ml

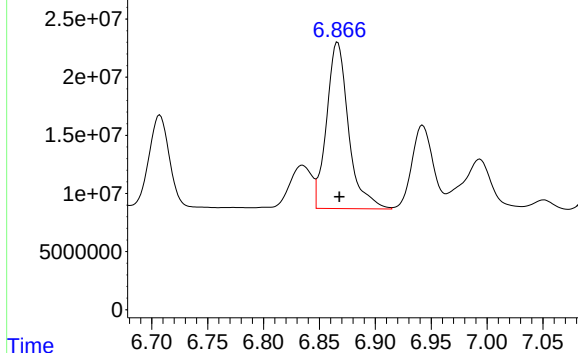


#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 321965250
Conc: 544.61 ng/ml m

Response_ Signal: PQ071430.D\ECD1A.ch

#34 AR-1260-4



R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 195900198
Conc: 468.50 ng/ml

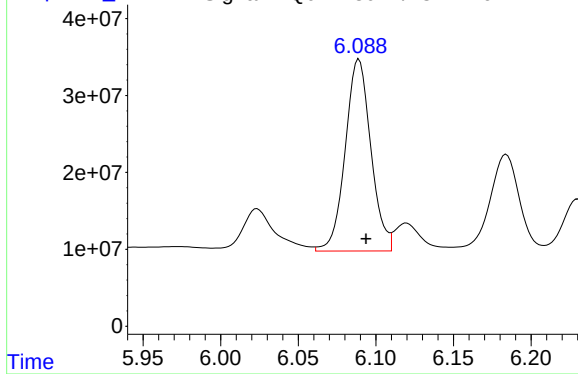
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071430.D\ECD2B.ch

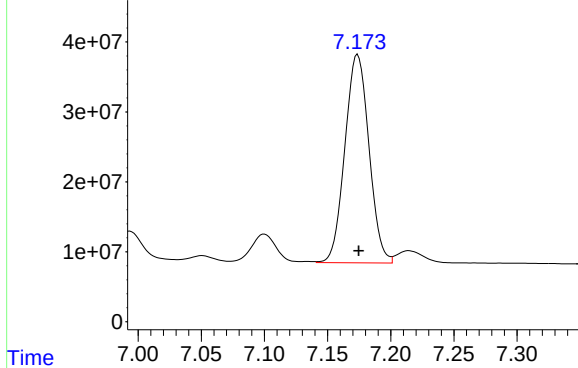
#34 AR-1260-4



R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 286644979
Conc: 578.64 ng/ml

Response_ Signal: PQ071430.D\ECD1A.ch

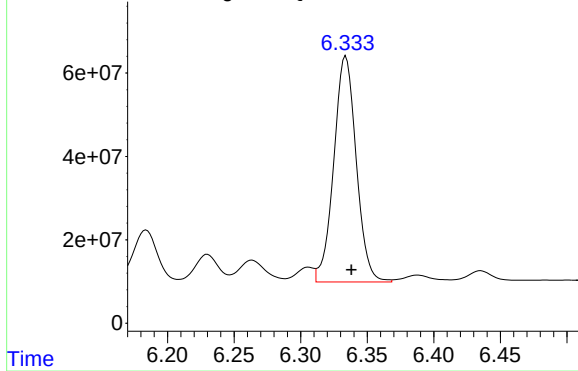
#35 AR-1260-5



R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 395246206
Conc: 474.92 ng/ml

Time Response_ Signal: PQ071430.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 636997879
Conc: 554.74 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 17:23

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.01
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.18	7.18	7.08	7.28	0.00
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 17:23

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.09	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071442.D **Time Analyzed:** 17:23

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	481.640	500.000	-3.7
Aroclor-1016-2	4.515	4.416	4.616	483.050	500.000	-3.4
Aroclor-1016-3	4.573	4.474	4.674	471.010	500.000	-5.8
Aroclor-1016-4	4.663	4.564	4.764	472.740	500.000	-5.5
Aroclor-1016-5	4.949	4.849	5.049	480.980	500.000	-3.8
Aroclor-1260-1	6.043	5.943	6.143	483.480	500.000	-3.3
Aroclor-1260-2	6.299	6.200	6.400	498.980	500.000	-0.2
Aroclor-1260-3	6.652	6.552	6.752	479.010	500.000	-4.2
Aroclor-1260-4	6.867	6.767	6.967	481.290	500.000	-3.7
Aroclor-1260-5	7.175	7.075	7.275	486.170	500.000	-2.8
Decachlorobiphenyl	8.537	8.437	8.637	43.880	50.000	-12.2
Tetrachloro-m-xylene	3.410	3.311	3.511	46.090	50.000	-7.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071442.D **Time Analyzed:** 17:23

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	571.790	500.000	14.4
Aroclor-1016-2	3.885	3.788	3.988	581.010	500.000	16.2
Aroclor-1016-3	4.046	3.950	4.150	561.130	500.000	12.2
Aroclor-1016-4	4.094	3.998	4.198	548.620	500.000	9.7
Aroclor-1016-5	4.291	4.195	4.395	563.620	500.000	12.7
Aroclor-1260-1	5.292	5.197	5.397	556.780	500.000	11.4
Aroclor-1260-2	5.481	5.386	5.586	560.060	500.000	12.0
Aroclor-1260-3	5.624	5.530	5.730	550.180	500.000	10.0
Aroclor-1260-4	6.089	5.993	6.193	584.560	500.000	16.9
Aroclor-1260-5	6.333	6.238	6.438	562.690	500.000	12.5
Decachlorobiphenyl	7.654	7.559	7.759	52.820	50.000	5.6
Tetrachloro-m-xylene	2.854	2.756	2.956	52.790	50.000	5.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	401.2E6	492.8E6	46.087	52.786
2) SA Decachlor...	8.537	7.654	274.7E6	482.6E6	43.877	52.817
Target Compounds						
3) L1 AR-1016-1	4.496	3.868	159.2E6	207.1E6	481.638	571.792
4) L1 AR-1016-2	4.515	3.885	229.8E6	285.4E6	483.054	581.013
5) L1 AR-1016-3	4.573	4.046	140.6E6	156.0E6	471.006	561.131m
6) L1 AR-1016-4	4.663	4.094	116.1E6	123.0E6	472.737	548.623m
7) L1 AR-1016-5	4.949	4.291	113.7E6	157.0E6	480.978	563.615m
31) L7 AR-1260-1	6.043	5.292	216.4E6	277.8E6	483.476	556.783m
32) L7 AR-1260-2	6.299	5.481	254.9E6	339.6E6	498.983	560.059m
33) L7 AR-1260-3	6.652	5.624	183.3E6	325.3E6	479.007	550.177m
34) L7 AR-1260-4	6.867	6.089	201.2E6	289.6E6	481.293	584.564
35) L7 AR-1260-5	7.175	6.333	404.6E6	646.1E6	486.173	562.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR1660CCC500

Manual Integrations

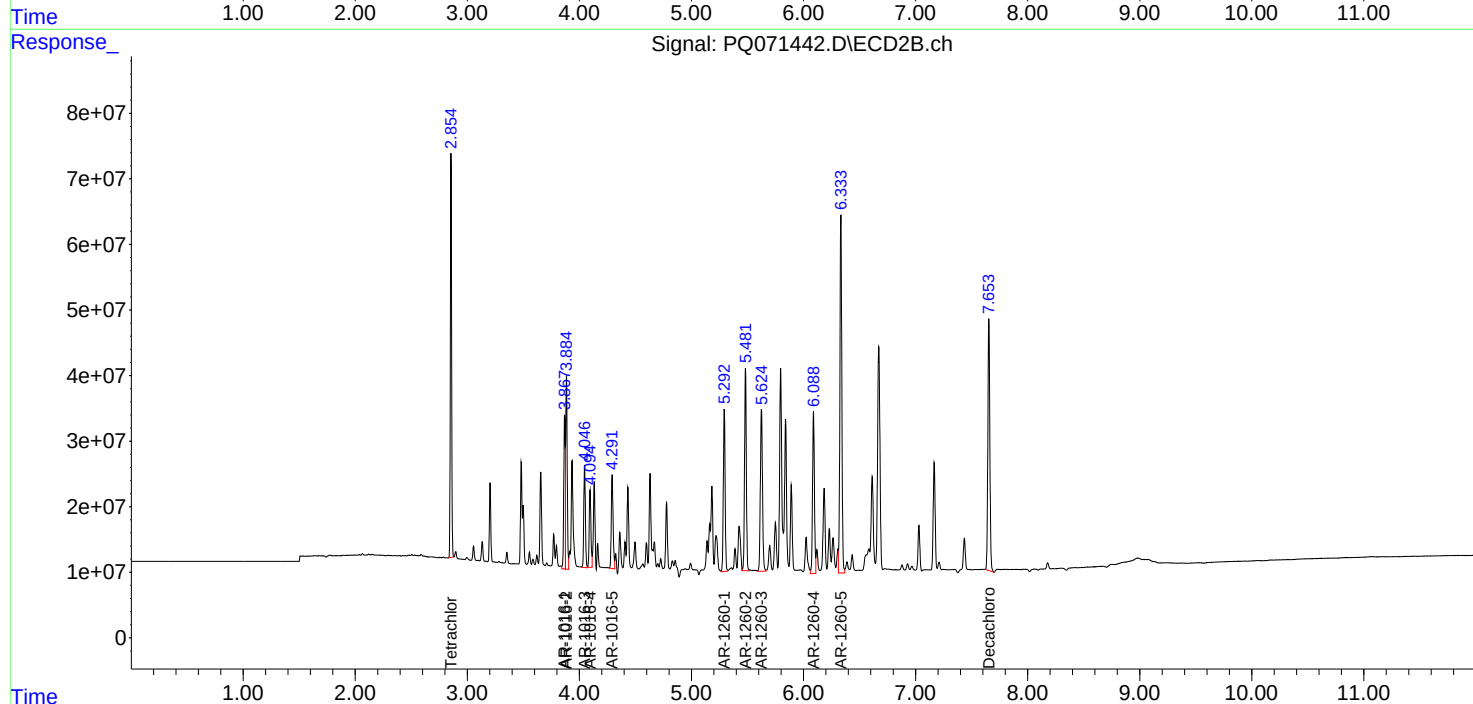
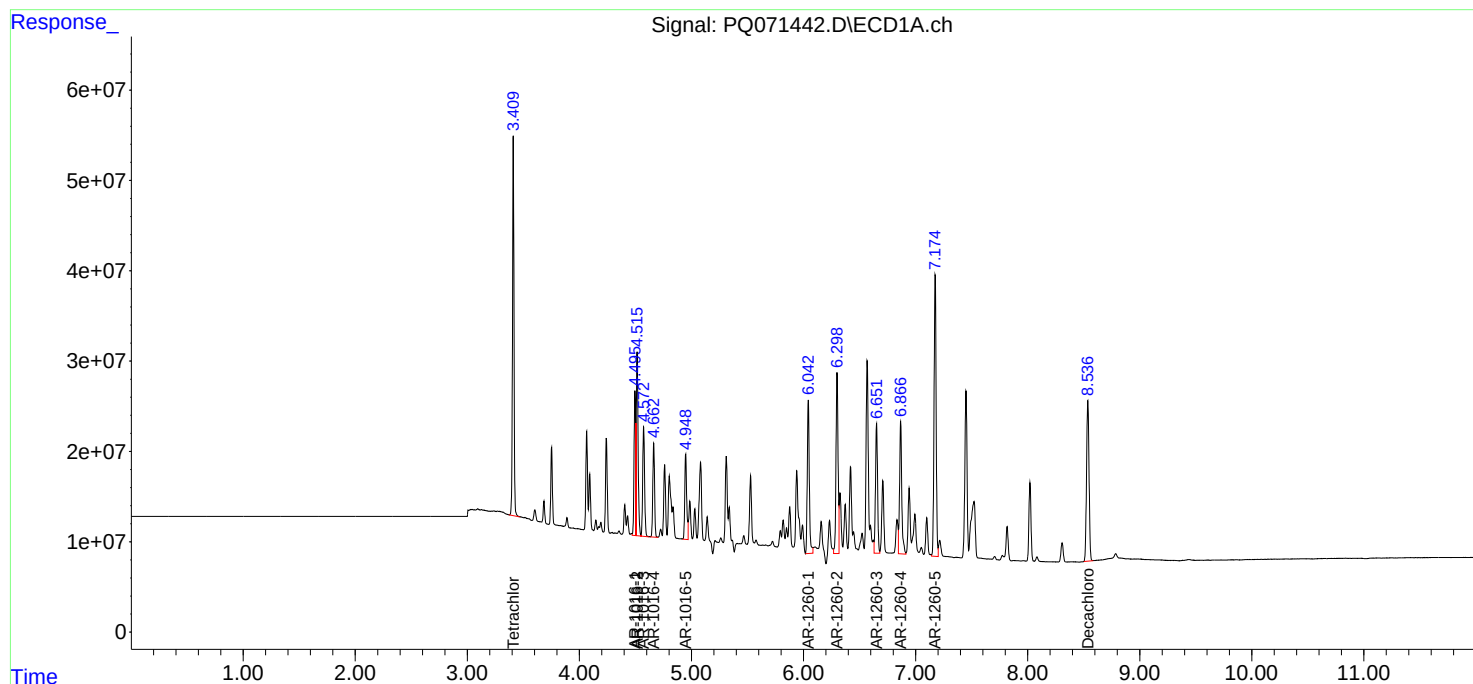
APPROVED

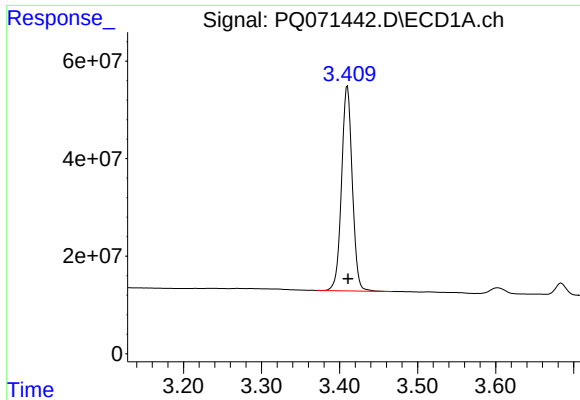
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





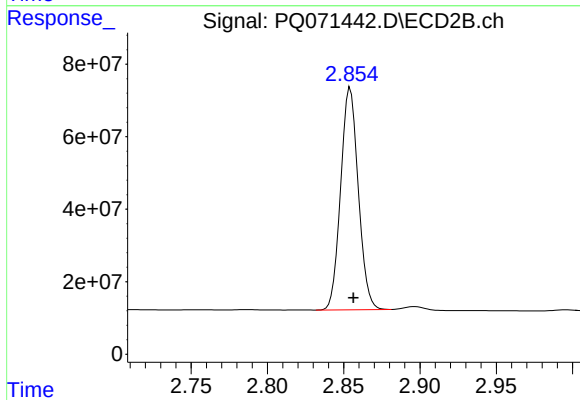
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 401197158
Conc: 46.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

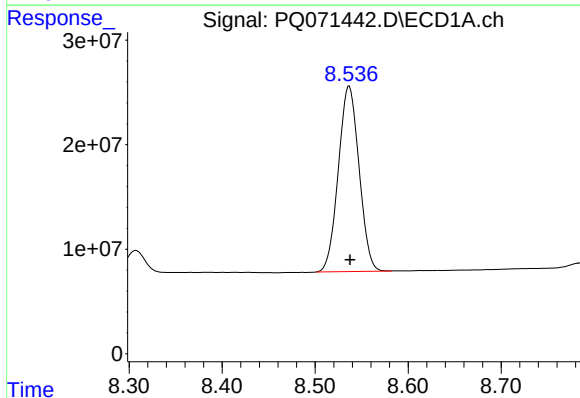
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



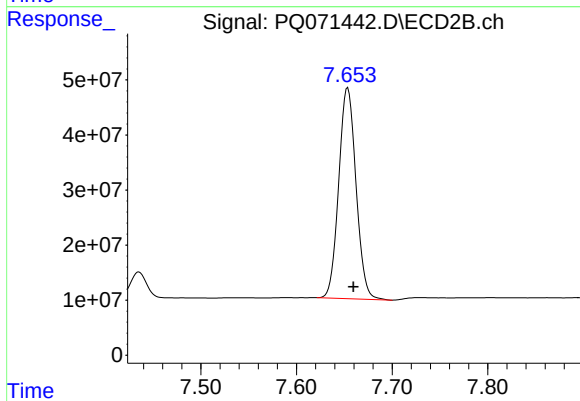
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 492847383
Conc: 52.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 274735899
Conc: 43.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 482624466
Conc: 52.82 ng/ml

Response_ Signal: PQ071442.D\ECD1A.ch

#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 159205345
Conc: 481.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071442.D\ECD2B.ch

#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 207059154
Conc: 571.79 ng/ml

Time Response_ Signal: PQ071442.D\ECD1A.ch

#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 229750282
Conc: 483.05 ng/ml

Time Response_ Signal: PQ071442.D\ECD2B.ch

#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 285383071
Conc: 581.01 ng/ml

Response_ Signal: PQ071442.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 140575716
Conc: 471.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071442.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 155989905
Conc: 561.13 ng/ml m

Time Response_ Signal: PQ071442.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 116079131
Conc: 472.74 ng/ml

Time Response_ Signal: PQ071442.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 123027740
Conc: 548.62 ng/ml m

Response_ Signal: PQ071442.D\ECD1A.ch

#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 113710302
Conc: 480.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time

Response_ Signal: PQ071442.D\ECD2B.ch

#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 157005251
Conc: 563.62 ng/ml m

Time

Response_ Signal: PQ071442.D\ECD1A.ch

#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 216354089
Conc: 483.48 ng/ml

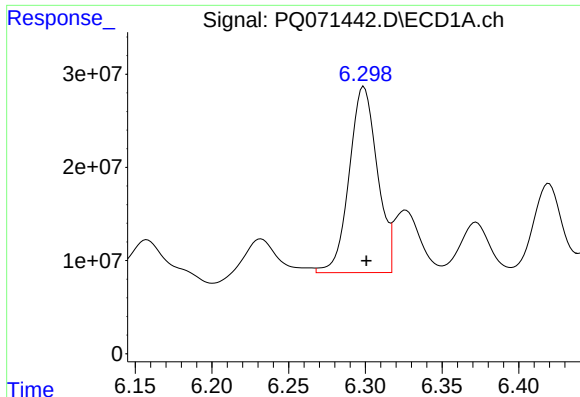
Time

Response_ Signal: PQ071442.D\ECD2B.ch

#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 277794097
Conc: 556.78 ng/ml m

Time



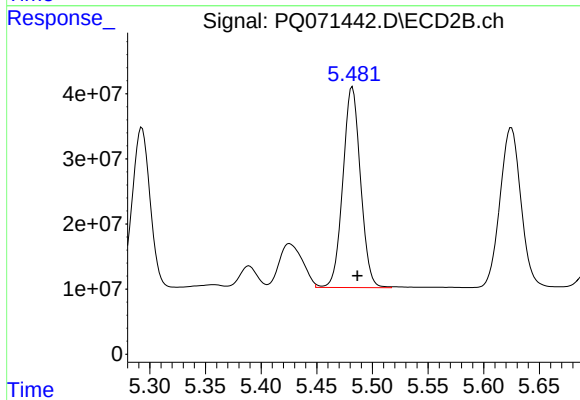
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 254937128
Conc: 498.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

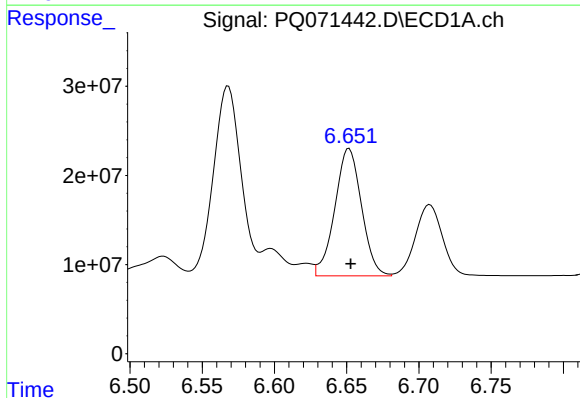
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



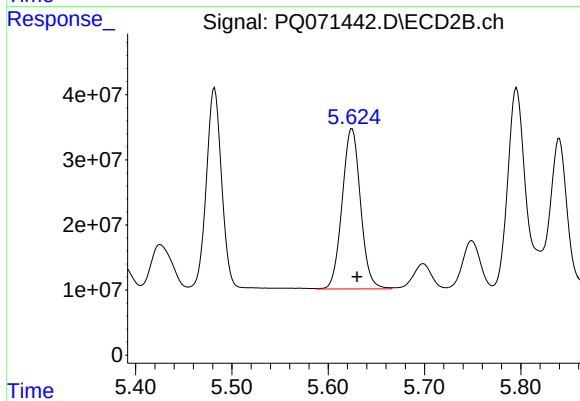
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 339606014
Conc: 560.06 ng/ml m



#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 183332151
Conc: 479.01 ng/ml

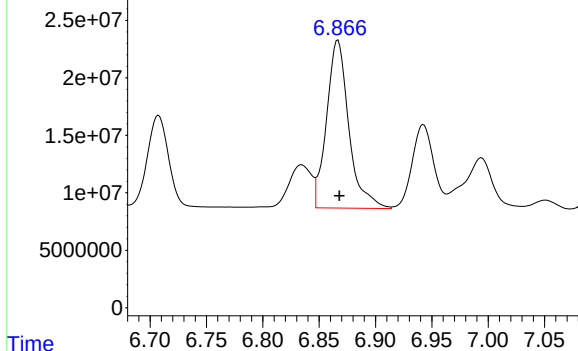


#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 325255639
Conc: 550.18 ng/ml m

Response_ Signal: PQ071442.D\ECD1A.ch

#34 AR-1260-4



R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 201249879
Conc: 481.29 ng/ml

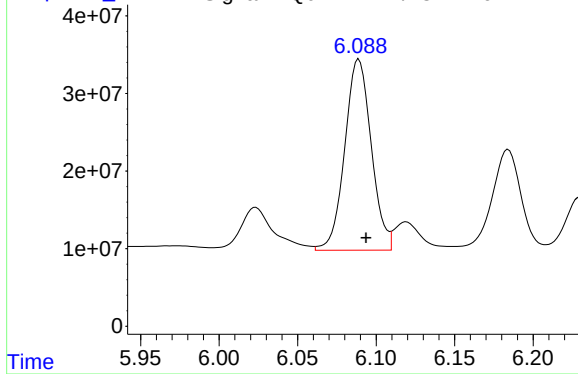
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071442.D\ECD2B.ch

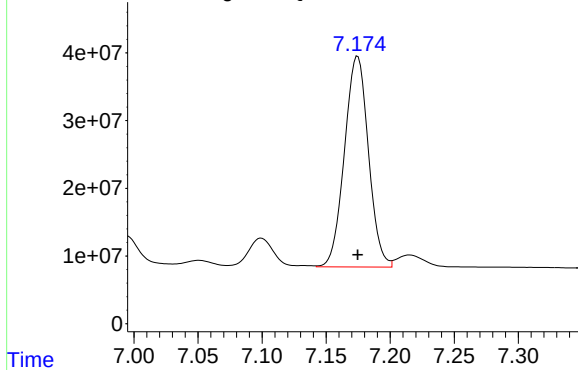
#34 AR-1260-4



R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 289580529
Conc: 584.56 ng/ml

Time Response_ Signal: PQ071442.D\ECD1A.ch

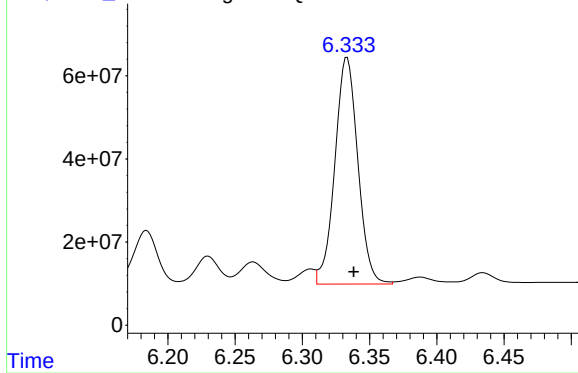
#35 AR-1260-5



R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 404611646
Conc: 486.17 ng/ml

Time Response_ Signal: PQ071442.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 646131511
Conc: 562.69 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 21:31

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.01
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.18	7.18	7.08	7.28	0.00
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/21/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 21:31

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.89	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.10	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.86	2.86	2.76	2.96	0.00
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071454.D **Time Analyzed:** 21:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	473.580	500.000	-5.3
Aroclor-1016-2	4.515	4.416	4.616	472.940	500.000	-5.4
Aroclor-1016-3	4.573	4.474	4.674	467.460	500.000	-6.5
Aroclor-1016-4	4.663	4.564	4.764	462.950	500.000	-7.4
Aroclor-1016-5	4.948	4.849	5.049	471.620	500.000	-5.7
Aroclor-1260-1	6.042	5.943	6.143	470.950	500.000	-5.8
Aroclor-1260-2	6.300	6.200	6.400	505.050	500.000	1.0
Aroclor-1260-3	6.652	6.552	6.752	471.430	500.000	-5.7
Aroclor-1260-4	6.867	6.767	6.967	466.390	500.000	-6.7
Aroclor-1260-5	7.175	7.075	7.275	469.930	500.000	-6.0
Decachlorobiphenyl	8.537	8.437	8.637	42.750	50.000	-14.5
Tetrachloro-m-xylene	3.410	3.311	3.511	45.100	50.000	-9.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/21/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071454.D **Time Analyzed:** 21:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	477.920	500.000	-4.4
Aroclor-1016-2	3.885	3.788	3.988	487.450	500.000	-2.5
Aroclor-1016-3	4.046	3.950	4.150	522.020	500.000	4.4
Aroclor-1016-4	4.095	3.998	4.198	511.830	500.000	2.4
Aroclor-1016-5	4.293	4.195	4.395	546.060	500.000	9.2
Aroclor-1260-1	5.292	5.197	5.397	454.650	500.000	-9.1
Aroclor-1260-2	5.482	5.386	5.586	458.060	500.000	-8.4
Aroclor-1260-3	5.625	5.530	5.730	441.770	500.000	-11.6
Aroclor-1260-4	6.089	5.993	6.193	483.400	500.000	-3.3
Aroclor-1260-5	6.334	6.238	6.438	461.520	500.000	-7.7
Decachlorobiphenyl	7.653	7.559	7.759	41.190	50.000	-17.6
Tetrachloro-m-xylene	2.855	2.756	2.956	44.840	50.000	-10.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 21:31
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 00:56:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	392.6E6	418.7E6	45.105	44.840
2) SA Decachlor...	8.537	7.653	267.7E6	376.3E6	42.750	41.186
Target Compounds						
3) L1 AR-1016-1	4.496	3.868	156.5E6	173.1E6	473.575	477.923
4) L1 AR-1016-2	4.515	3.885	224.9E6	239.4E6	472.939	487.446
5) L1 AR-1016-3	4.573	4.046	139.5E6	145.1E6	467.457	522.019
6) L1 AR-1016-4	4.663	4.095	113.7E6	114.8E6	462.945	511.830
7) L1 AR-1016-5	4.948	4.293	111.5E6	152.1E6	471.621	546.061
31) L7 AR-1260-1	6.042	5.292	210.7E6	226.8E6	470.946	454.645m
32) L7 AR-1260-2	6.300	5.482	258.0E6	277.8E6	505.051	458.056m
33) L7 AR-1260-3	6.652	5.625	180.4E6	261.2E6	471.428	441.772m
34) L7 AR-1260-4	6.867	6.089	195.0E6	239.5E6	466.387	483.398
35) L7 AR-1260-5	7.175	6.334	391.1E6	530.0E6	469.925	461.523

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:31
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

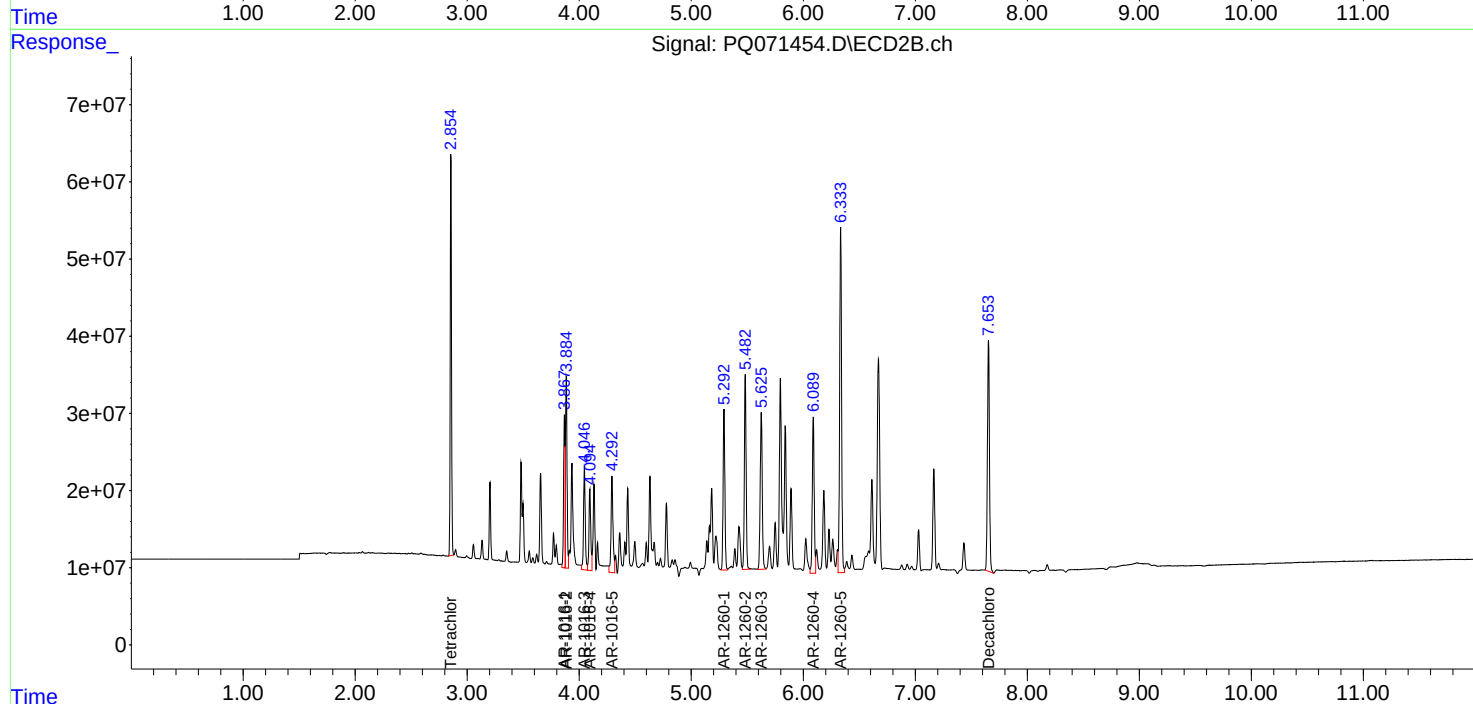
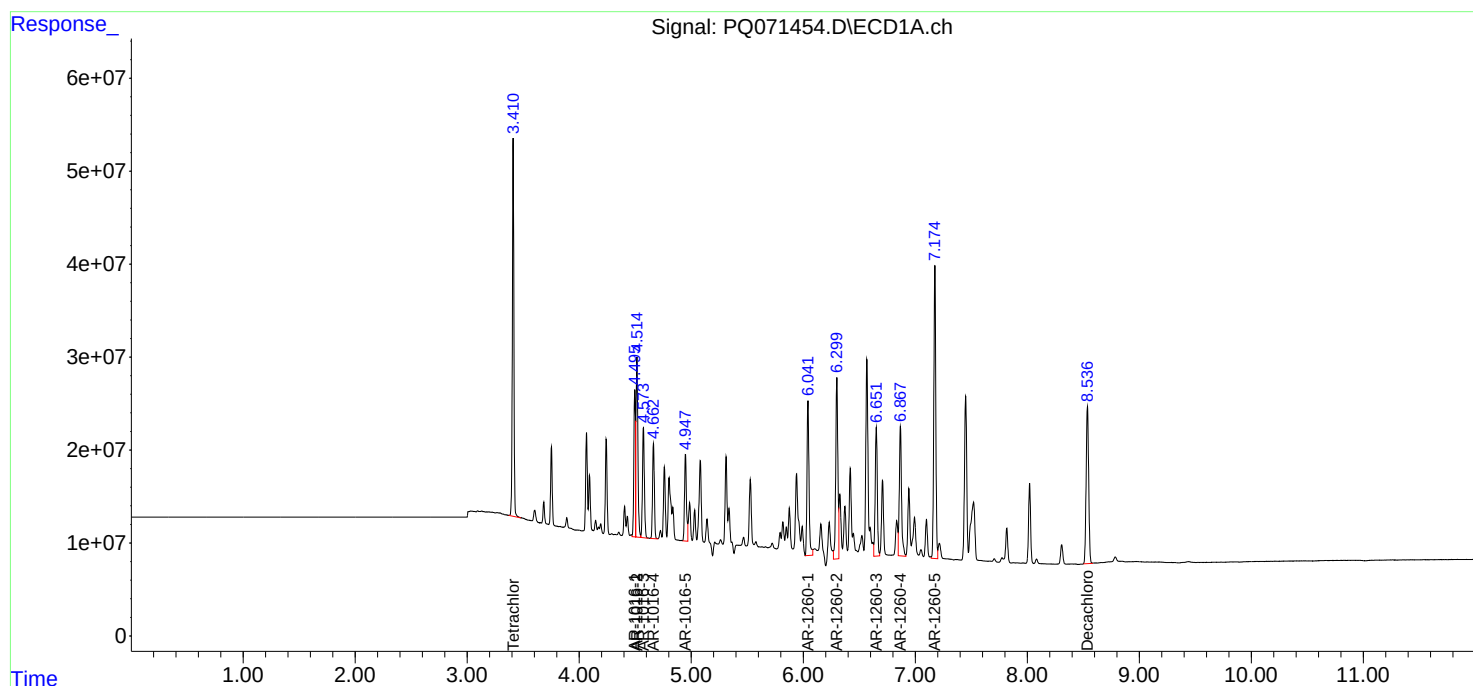
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

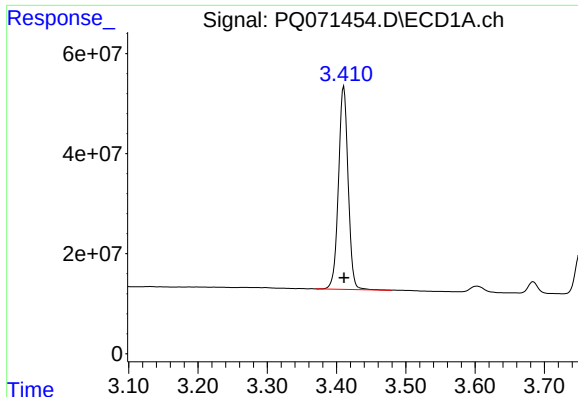
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:56:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 392644309
Conc: 45.10 ng/ml

Instrument :

ECD_Q

ClientSampleId :

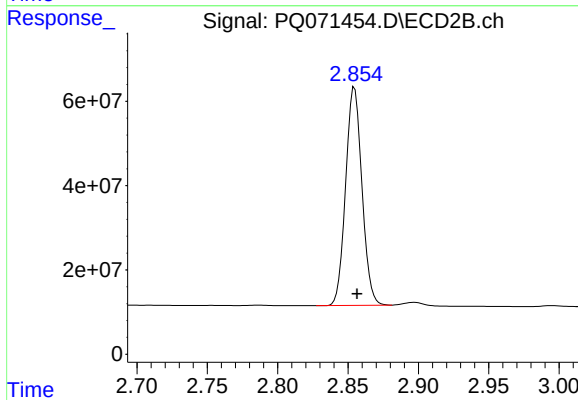
AR1660CCC500

Manual Integrations

APPROVED

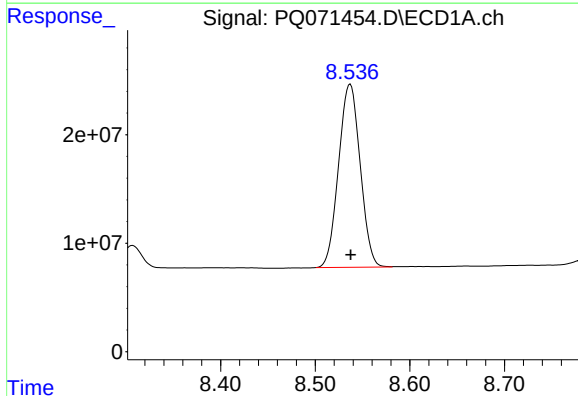
Reviewed By :Rahul Chavli 11/25/2025

Supervised By :mohammad ahmed 11/26/2025



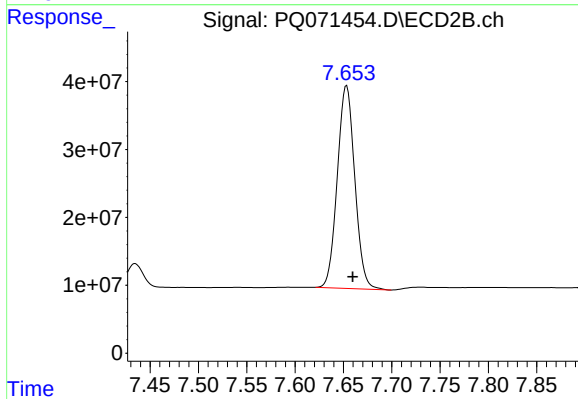
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 418654427
Conc: 44.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 267679007
Conc: 42.75 ng/ml

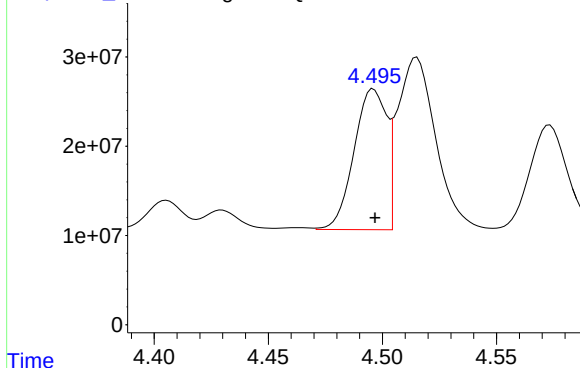


#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 376348313
Conc: 41.19 ng/ml

Response_ Signal: PQ071454.D\ECD1A.ch

#3 AR-1016-1



R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 156540133
Conc: 473.58 ng/ml

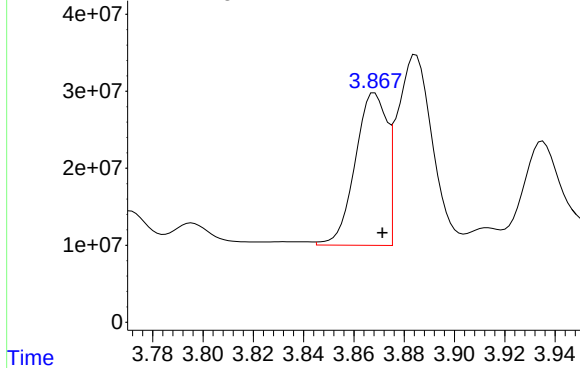
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
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Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071454.D\ECD2B.ch

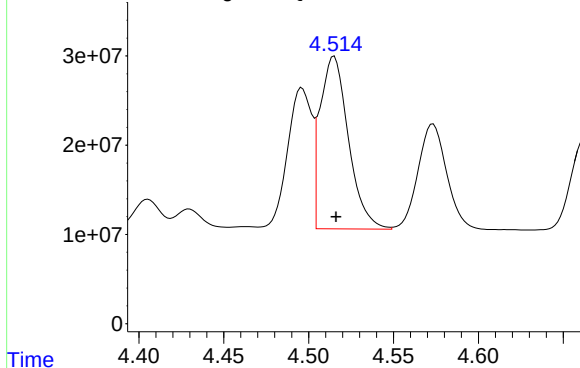
#3 AR-1016-1



R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 173066923
Conc: 477.92 ng/ml

Response_ Signal: PQ071454.D\ECD1A.ch

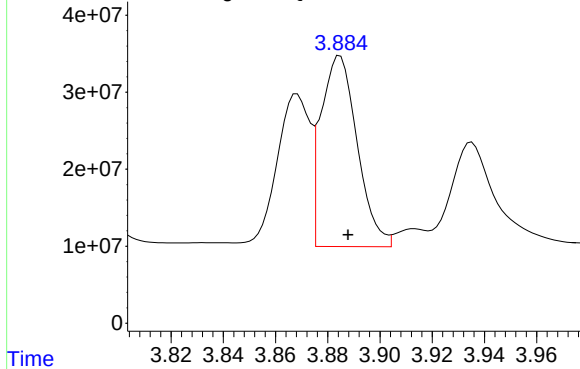
#4 AR-1016-2



R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 224939259
Conc: 472.94 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 239424665
Conc: 487.45 ng/ml

Response_ Signal: PQ071454.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 139516524
Conc: 467.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071454.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 145116898
Conc: 522.02 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 114776976
Conc: 511.83 ng/ml

Time Response_ Signal: PQ071454.D\ECD1A.ch

#6 AR-1016-4

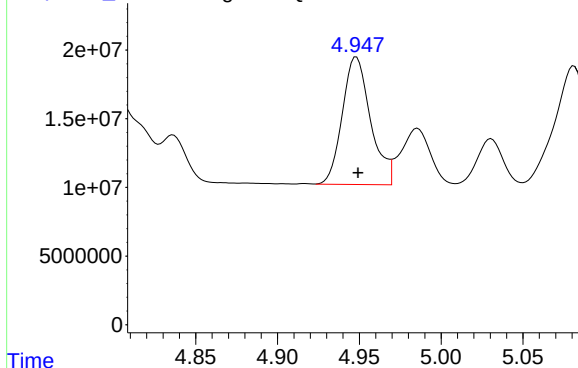
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 113674842
Conc: 462.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#6 AR-1016-4

Response_ Signal: PQ071454.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 111498141
Conc: 471.62 ng/ml

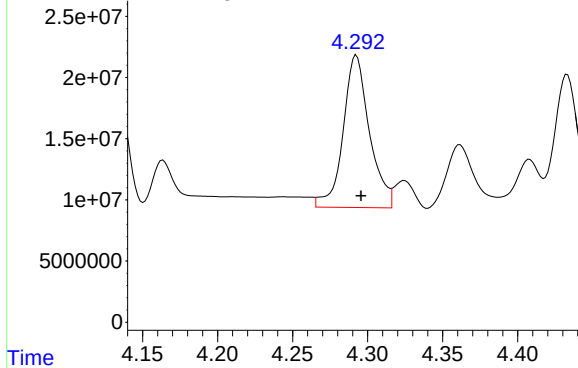
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
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Supervised By :mohammad ahmed 11/26/2025

Time Response_ Signal: PQ071454.D\ECD2B.ch

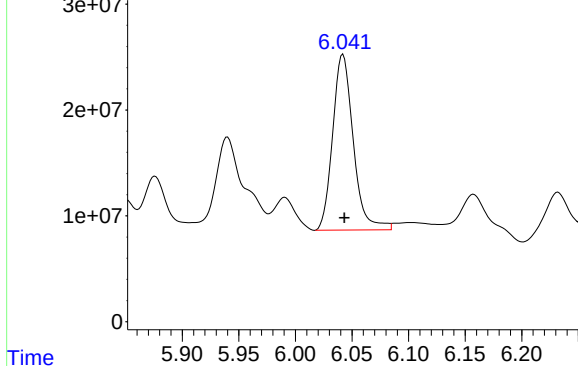
#7 AR-1016-5



R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 152115274
Conc: 546.06 ng/ml

Response_ Signal: PQ071454.D\ECD1A.ch

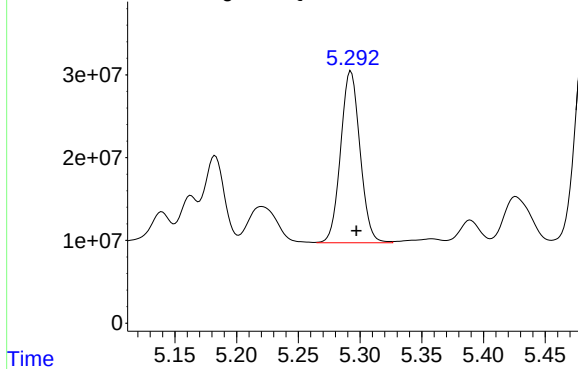
#31 AR-1260-1



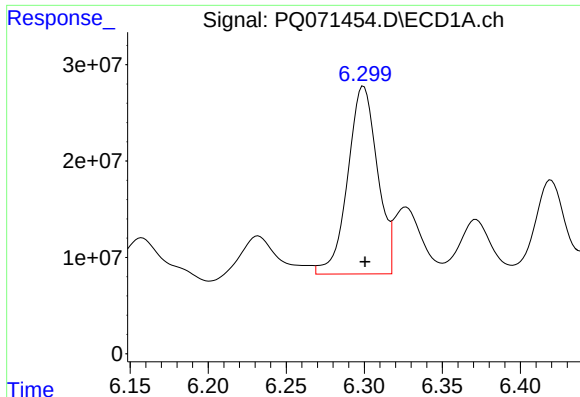
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 210746943
Conc: 470.95 ng/ml

Time Response_ Signal: PQ071454.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 226834825
Conc: 454.65 ng/ml m



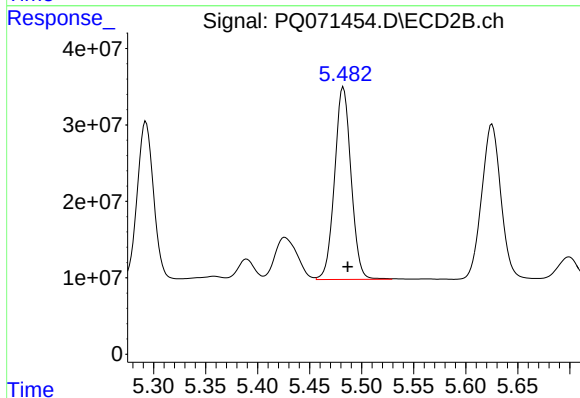
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 258037578
Conc: 505.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

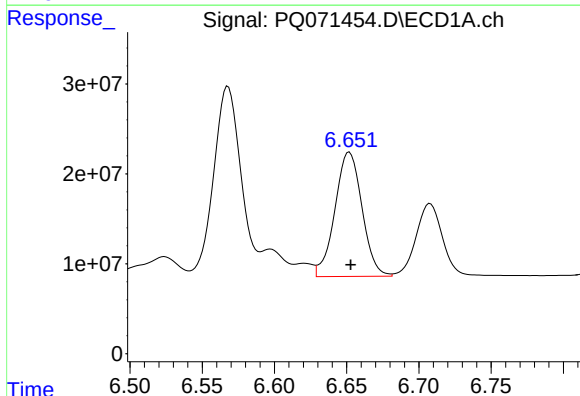
Manual Integrations
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Supervised By :mohammad ahmed 11/26/2025



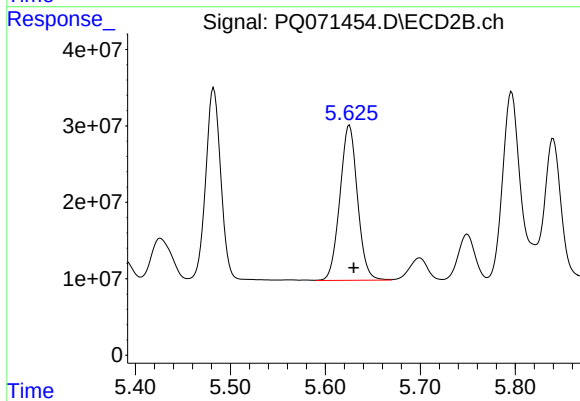
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 277753834
Conc: 458.06 ng/ml m



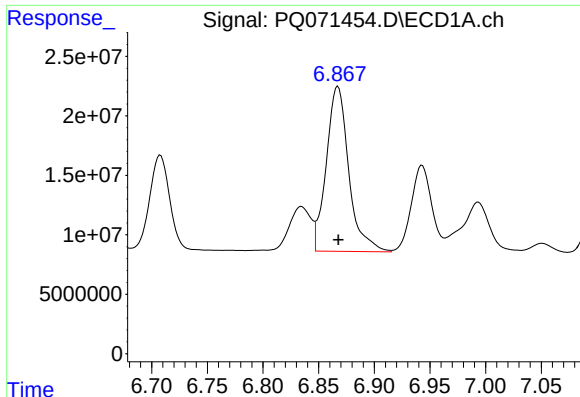
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 180431437
Conc: 471.43 ng/ml



#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 261168771
Conc: 441.77 ng/ml m



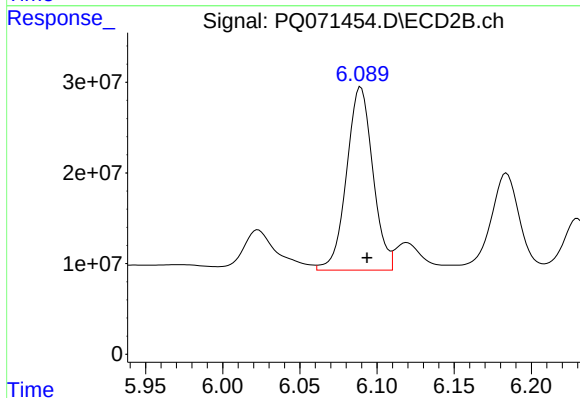
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 195017121
Conc: 466.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

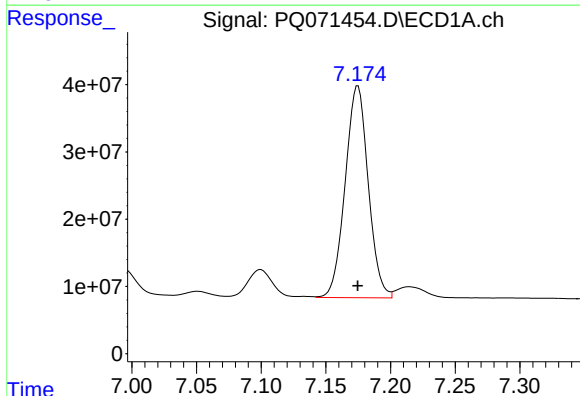
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



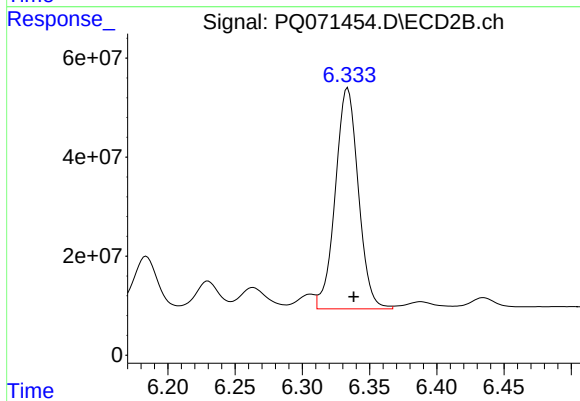
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 239464874
Conc: 483.40 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 391089602
Conc: 469.93 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 529960434
Conc: 461.52 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025

11/18/2025

Continuing Calib Time: 10:16

Initial Calibration Time(s): 12:13

17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.51	4.50	4.40	4.60	-0.01
Aroclor-1016-2	(2)	4.53	4.52	4.42	4.62	-0.01
Aroclor-1016-3	(3)	4.59	4.57	4.47	4.67	-0.02
Aroclor-1016-4	(4)	4.68	4.66	4.56	4.76	-0.02
Aroclor-1016-5	(5)	4.96	4.95	4.85	5.05	-0.01
Aroclor-1260-1	(1)	6.06	6.04	5.94	6.14	-0.02
Aroclor-1260-2	(2)	6.31	6.30	6.20	6.40	-0.01
Aroclor-1260-3	(3)	6.67	6.65	6.55	6.75	-0.02
Aroclor-1260-4	(4)	6.88	6.87	6.77	6.97	-0.01
Aroclor-1260-5	(5)	7.19	7.18	7.08	7.28	-0.01
Tetrachloro-m-xylene		3.42	3.41	3.31	3.51	-0.01
Decachlorobiphenyl		8.56	8.54	8.44	8.64	-0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025

11/18/2025

Continuing Calib Time: 10:16

Initial Calibration Time(s): 12:13

17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.88	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.10	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.63	5.63	5.53	5.73	0.00
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.34	6.34	6.24	6.44	0.00
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.66	7.66	7.56	7.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071474.D **Time Analyzed:** 10:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.511	4.397	4.597	512.130	500.000	2.4
Aroclor-1016-2	4.530	4.416	4.616	498.480	500.000	-0.3
Aroclor-1016-3	4.588	4.474	4.674	525.140	500.000	5.0
Aroclor-1016-4	4.678	4.564	4.764	521.200	500.000	4.2
Aroclor-1016-5	4.964	4.849	5.049	520.350	500.000	4.1
Aroclor-1260-1	6.058	5.943	6.143	477.880	500.000	-4.4
Aroclor-1260-2	6.314	6.200	6.400	497.890	500.000	-0.4
Aroclor-1260-3	6.667	6.552	6.752	506.130	500.000	1.2
Aroclor-1260-4	6.882	6.767	6.967	510.500	500.000	2.1
Aroclor-1260-5	7.190	7.075	7.275	513.380	500.000	2.7
Decachlorobiphenyl	8.555	8.437	8.637	44.490	50.000	-11.0
Tetrachloro-m-xylene	3.424	3.311	3.511	47.350	50.000	-5.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071474.D **Time Analyzed:** 10:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	480.440	500.000	-3.9
Aroclor-1016-2	3.884	3.788	3.988	501.370	500.000	0.3
Aroclor-1016-3	4.046	3.950	4.150	482.430	500.000	-3.5
Aroclor-1016-4	4.095	3.998	4.198	477.500	500.000	-4.5
Aroclor-1016-5	4.292	4.195	4.395	482.090	500.000	-3.6
Aroclor-1260-1	5.293	5.197	5.397	474.740	500.000	-5.1
Aroclor-1260-2	5.483	5.386	5.586	483.780	500.000	-3.2
Aroclor-1260-3	5.626	5.530	5.730	474.980	500.000	-5.0
Aroclor-1260-4	6.090	5.993	6.193	477.920	500.000	-4.4
Aroclor-1260-5	6.335	6.238	6.438	483.460	500.000	-3.3
Decachlorobiphenyl	7.657	7.559	7.759	40.100	50.000	-19.8
Tetrachloro-m-xylene	2.853	2.756	2.956	45.100	50.000	-9.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
 Data File : PQ071474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 10:16
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:10:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.424	2.853	412.2E6	421.1E6	47.348	45.100
2) SA Decachlor...	8.555	7.657	278.6E6	366.4E6	44.492	40.100
Target Compounds						
3) L1 AR-1016-1	4.511	3.868	169.3E6	174.0E6	512.129	480.440
4) L1 AR-1016-2	4.530	3.884	237.1E6	246.3E6	498.484m	501.371
5) L1 AR-1016-3	4.588	4.046	156.7E6	134.1E6	525.144	482.435
6) L1 AR-1016-4	4.678	4.095	128.0E6	107.1E6	521.205	477.504
7) L1 AR-1016-5	4.964	4.292	123.0E6	134.3E6	520.354	482.092
31) L7 AR-1260-1	6.058	5.293	213.8E6	236.9E6	477.879	474.742
32) L7 AR-1260-2	6.314	5.483	254.4E6	293.4E6	497.886	483.776
33) L7 AR-1260-3	6.667	5.626	193.7E6	280.8E6	506.135	474.978
34) L7 AR-1260-4	6.882	6.090	213.5E6	236.8E6	510.503	477.923
35) L7 AR-1260-5	7.190	6.335	427.3E6	555.1E6	513.376	483.459

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 10:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_Q

ClientSampleId :

AR1660CCC500

Manual Integrations

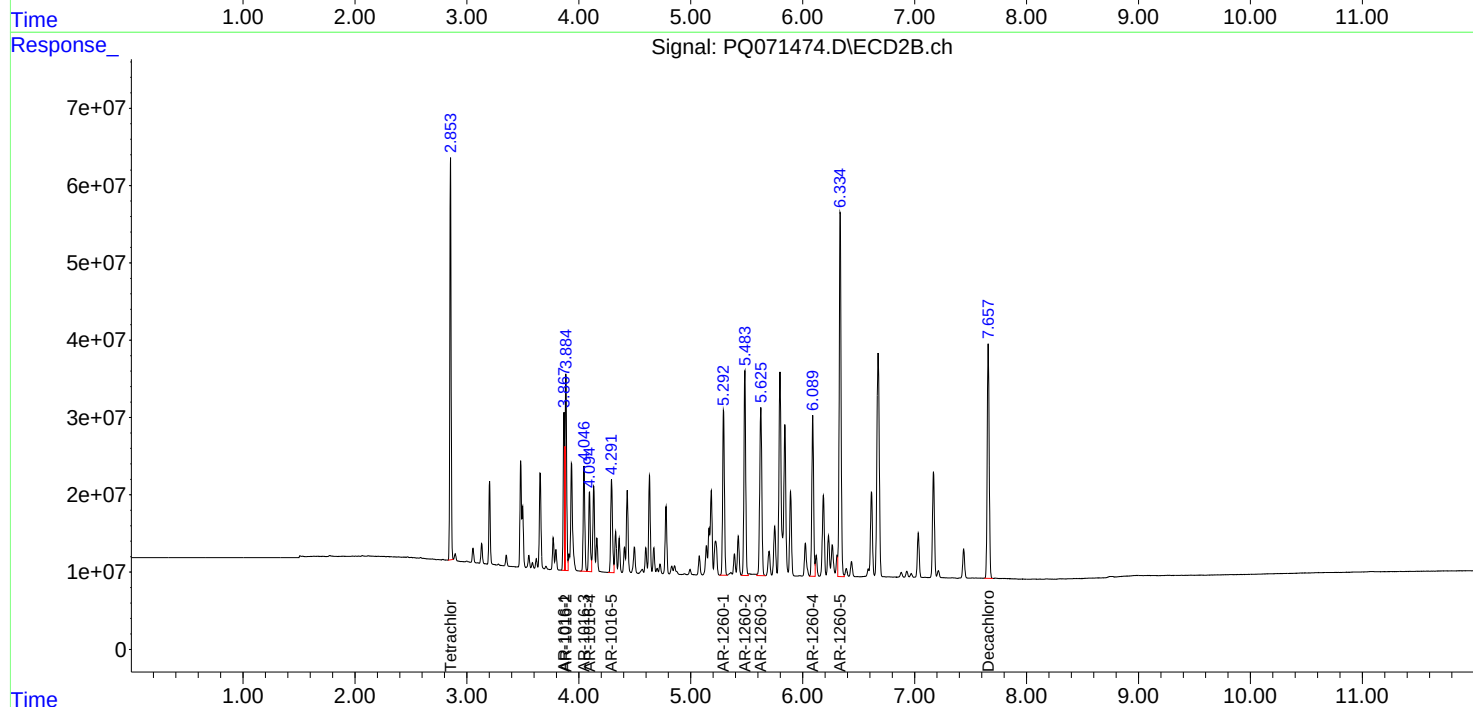
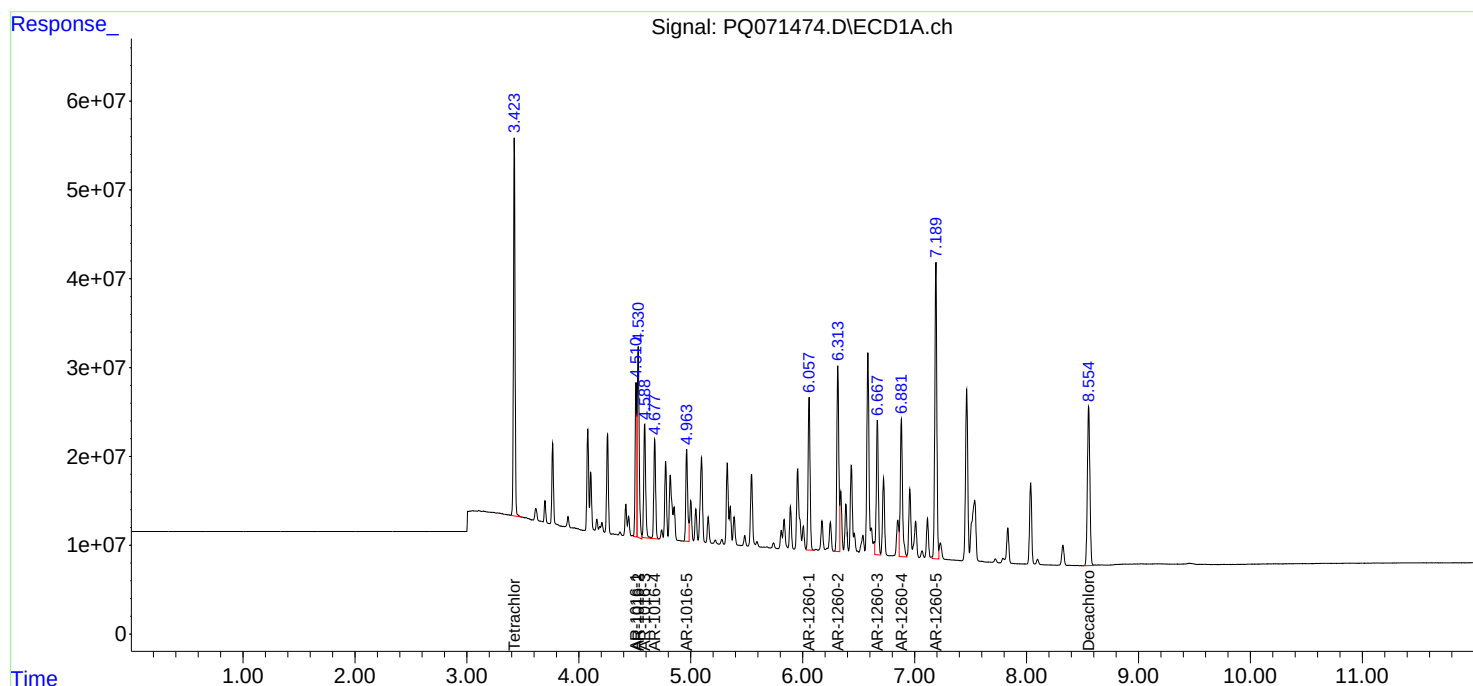
APPROVED

Reviewed By :Rahul Chavli 11/25/2025

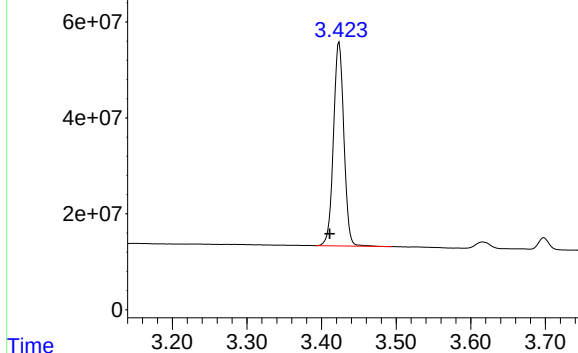
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:10:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PQ071474.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.013 min
Response: 412172522
Conc: 47.35 ng/ml

Instrument :

ECD_Q

ClientSampleId :

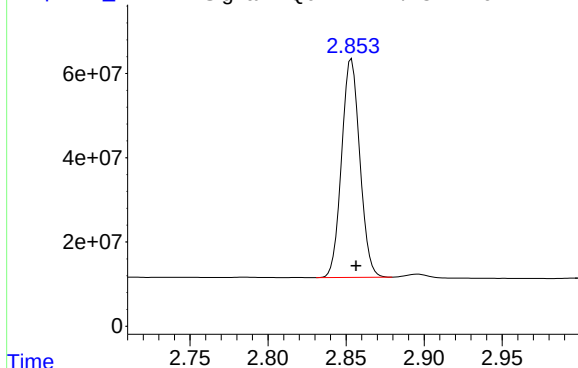
AR1660CCC500

Manual Integrations

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Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

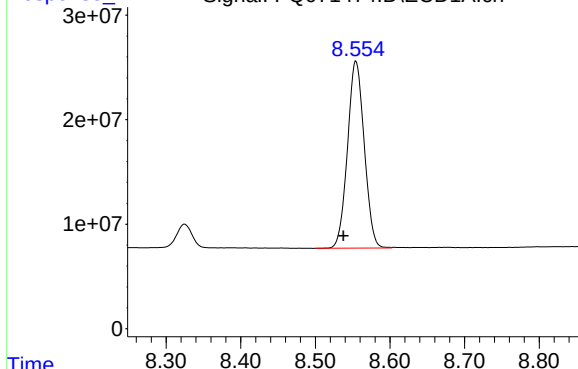
Time Response_ Signal: PQ071474.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 421081714
Conc: 45.10 ng/ml

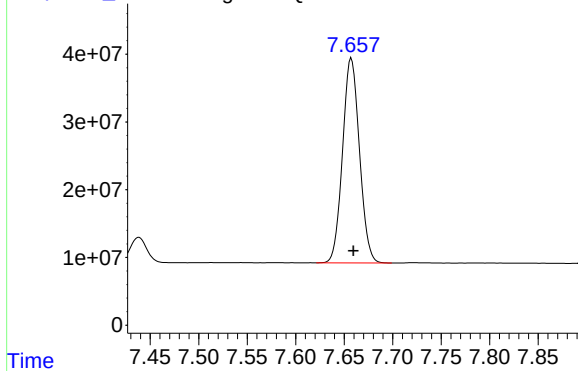
Response_ Signal: PQ071474.D\ECD1A.ch



#2 Decachlorobiphenyl

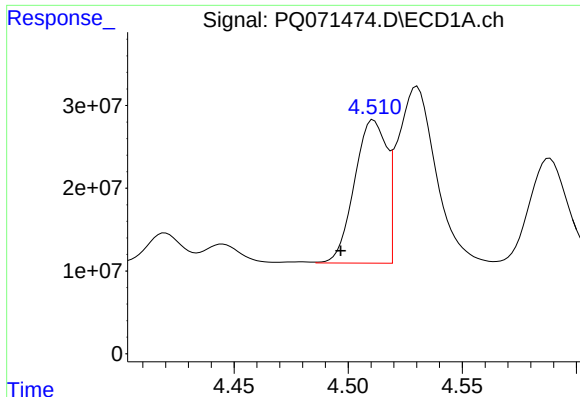
R.T.: 8.555 min
Delta R.T.: 0.017 min
Response: 278587790
Conc: 44.49 ng/ml

Time Response_ Signal: PQ071474.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 366421113
Conc: 40.10 ng/ml



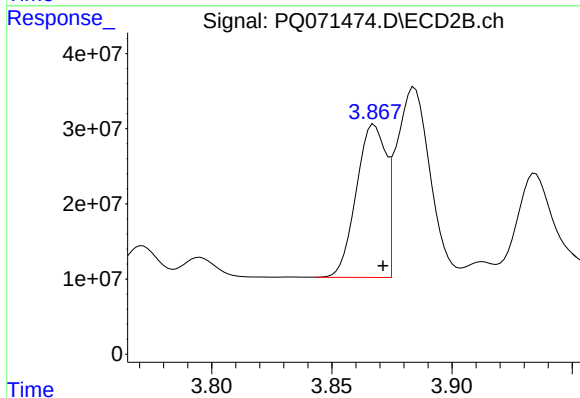
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.014 min
Response: 169283941
Conc: 512.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

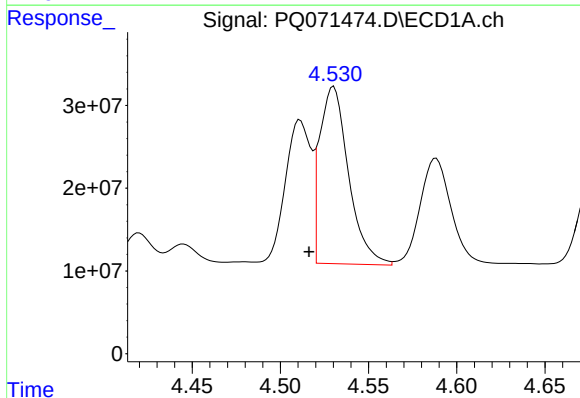
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



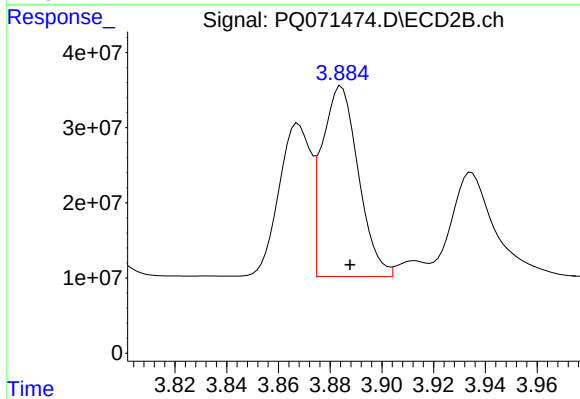
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.004 min
Response: 173978462
Conc: 480.44 ng/ml



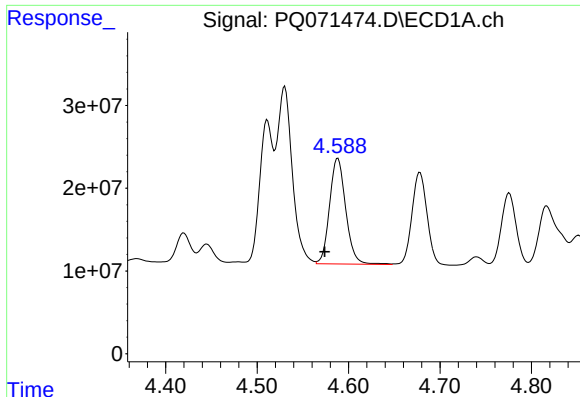
#4 AR-1016-2

R.T.: 4.530 min
Delta R.T.: 0.013 min
Response: 237088811
Conc: 498.48 ng/ml m



#4 AR-1016-2

R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 246264709
Conc: 501.37 ng/ml



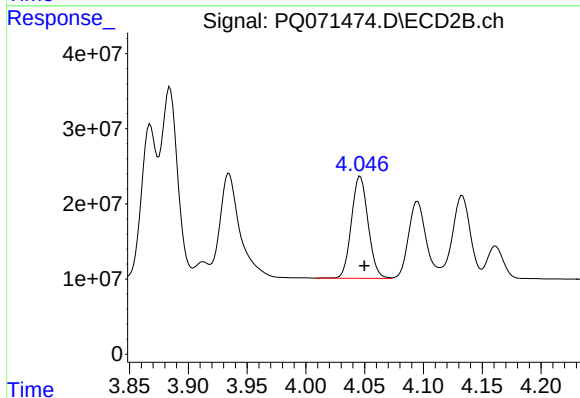
#5 AR-1016-3

R.T.: 4.588 min
Delta R.T.: 0.014 min
Response: 156733685
Conc: 525.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

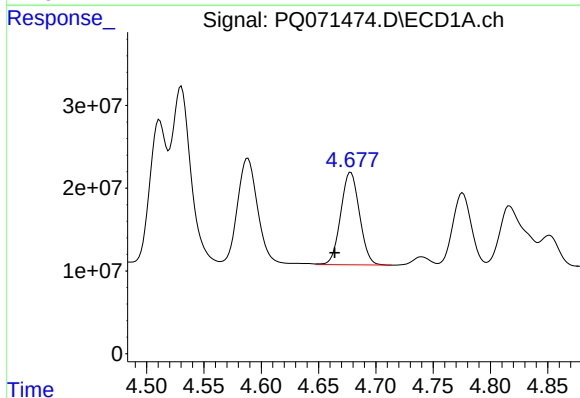
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



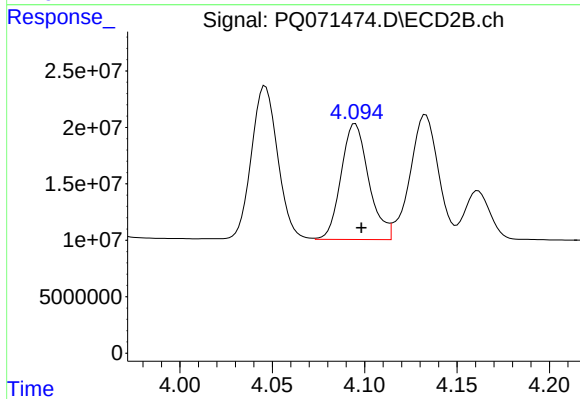
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 134112915
Conc: 482.43 ng/ml



#6 AR-1016-4

R.T.: 4.678 min
Delta R.T.: 0.014 min
Response: 127980298
Conc: 521.20 ng/ml

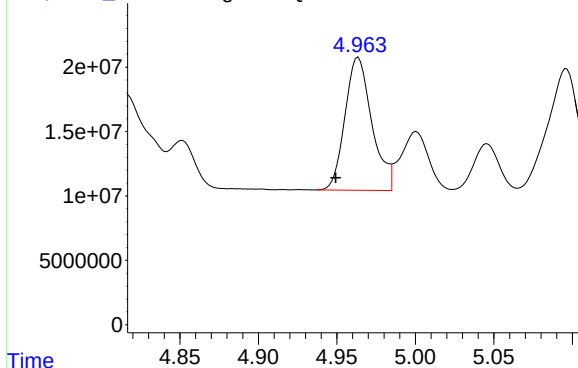


#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 107079392
Conc: 477.50 ng/ml

Response_ Signal: PQ071474.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.964 min
Delta R.T.: 0.014 min
Response: 123019361
Conc: 520.35 ng/ml

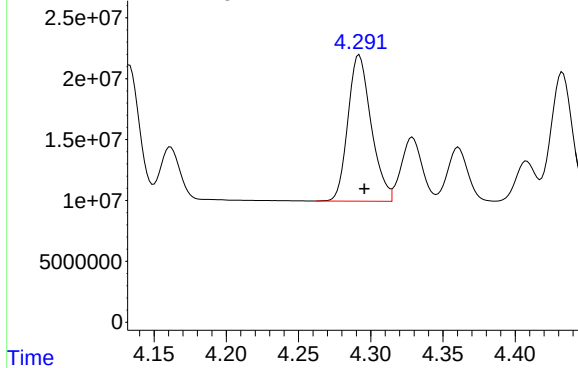
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

Time Response_ Signal: PQ071474.D\ECD2B.ch

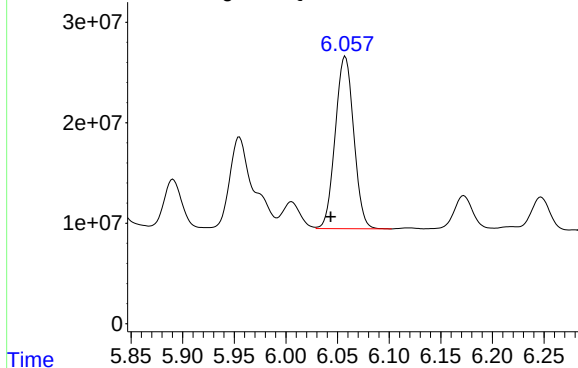
#7 AR-1016-5



R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 134295320
Conc: 482.09 ng/ml

Time Response_ Signal: PQ071474.D\ECD1A.ch

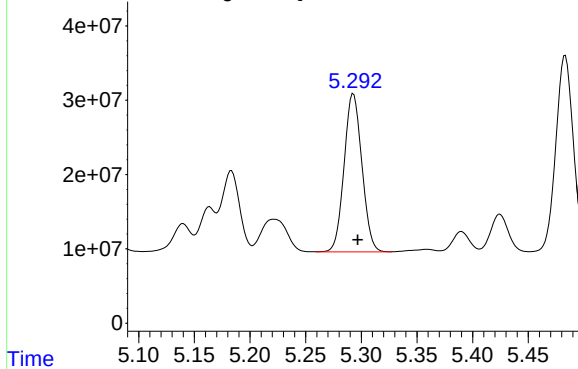
#31 AR-1260-1



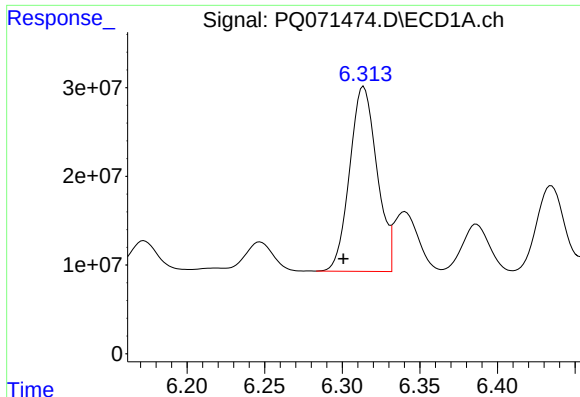
R.T.: 6.058 min
Delta R.T.: 0.014 min
Response: 213849443
Conc: 477.88 ng/ml

Time Response_ Signal: PQ071474.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 236861487
Conc: 474.74 ng/ml



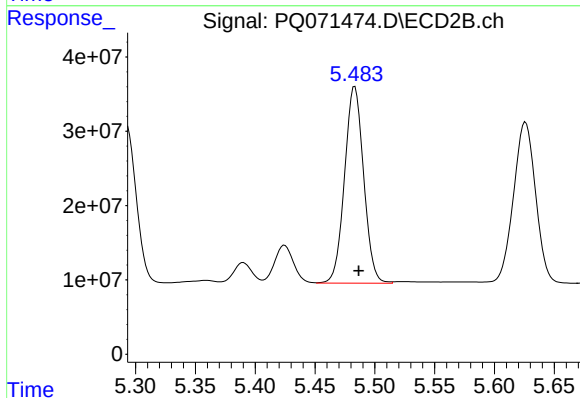
#32 AR-1260-2

R.T.: 6.314 min
Delta R.T.: 0.013 min
Response: 254376760
Conc: 497.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

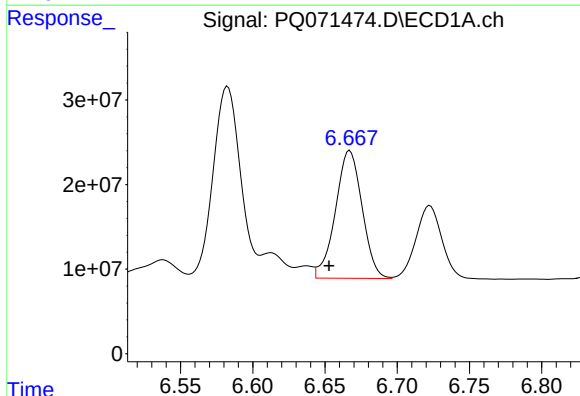
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



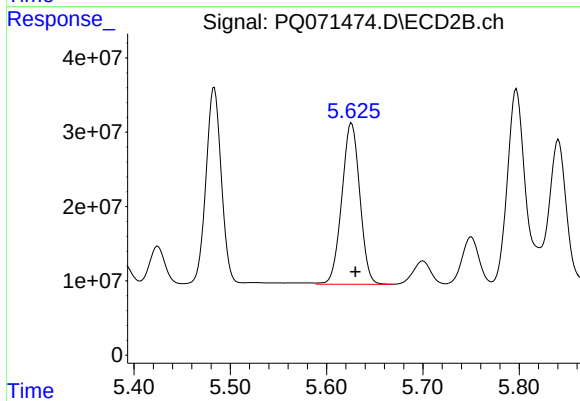
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 293350225
Conc: 483.78 ng/ml



#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: 0.014 min
Response: 193714889
Conc: 506.13 ng/ml



#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 280799298
Conc: 474.98 ng/ml

Response_ Signal: PQ071474.D\ECD1A.ch

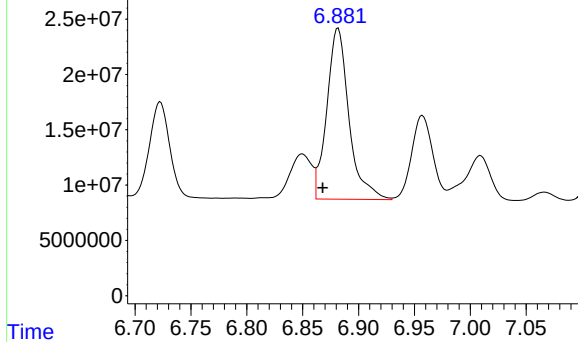
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: 0.014 min
Response: 213463897
Conc: 510.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

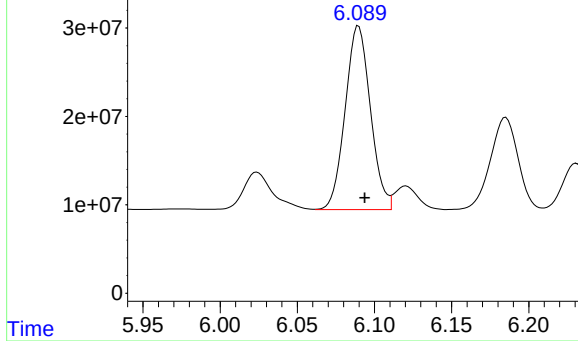
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025



Response_ Signal: PQ071474.D\ECD2B.ch

#34 AR-1260-4

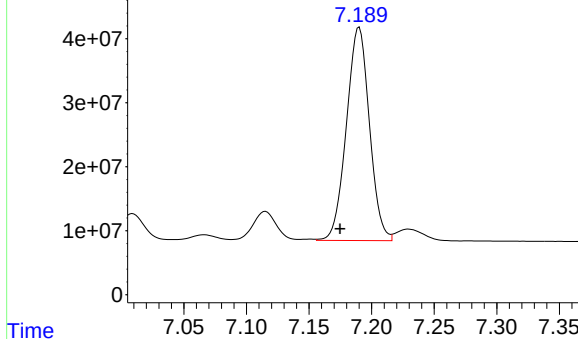
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 236752760
Conc: 477.92 ng/ml



Response_ Signal: PQ071474.D\ECD1A.ch

#35 AR-1260-5

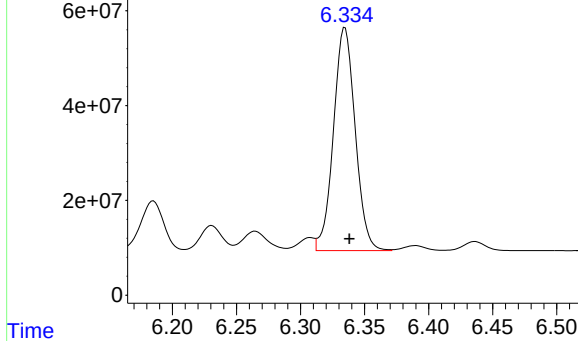
R.T.: 7.190 min
Delta R.T.: 0.015 min
Response: 427250818
Conc: 513.38 ng/ml



Response_ Signal: PQ071474.D\ECD2B.ch

#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 555149309
Conc: 483.46 ng/ml





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025

11/18/2025

Continuing Calib Time: 15:38

Initial Calibration Time(s): 12:13

17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.17	7.18	7.08	7.28	0.01
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025

11/18/2025

Continuing Calib Time: 15:38

Initial Calibration Time(s): 12:13

17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.88	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.09	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071486.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	515.020	500.000	3.0
Aroclor-1016-2	4.516	4.416	4.616	525.670	500.000	5.1
Aroclor-1016-3	4.573	4.474	4.674	519.170	500.000	3.8
Aroclor-1016-4	4.664	4.564	4.764	522.260	500.000	4.5
Aroclor-1016-5	4.948	4.849	5.049	512.840	500.000	2.6
Aroclor-1260-1	6.042	5.943	6.143	477.130	500.000	-4.6
Aroclor-1260-2	6.299	6.200	6.400	501.120	500.000	0.2
Aroclor-1260-3	6.652	6.552	6.752	495.520	500.000	-0.9
Aroclor-1260-4	6.867	6.767	6.967	492.870	500.000	-1.4
Aroclor-1260-5	7.174	7.075	7.275	497.420	500.000	-0.5
Decachlorobiphenyl	8.537	8.437	8.637	42.900	50.000	-14.2
Tetrachloro-m-xylene	3.410	3.311	3.511	46.930	50.000	-6.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071486.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	496.080	500.000	-0.8
Aroclor-1016-2	3.884	3.788	3.988	512.700	500.000	2.5
Aroclor-1016-3	4.045	3.950	4.150	494.830	500.000	-1.0
Aroclor-1016-4	4.094	3.998	4.198	485.710	500.000	-2.9
Aroclor-1016-5	4.291	4.195	4.395	494.130	500.000	-1.2
Aroclor-1260-1	5.291	5.197	5.397	488.180	500.000	-2.4
Aroclor-1260-2	5.481	5.386	5.586	497.580	500.000	-0.5
Aroclor-1260-3	5.624	5.530	5.730	484.620	500.000	-3.1
Aroclor-1260-4	6.088	5.993	6.193	484.460	500.000	-3.1
Aroclor-1260-5	6.332	6.238	6.438	484.670	500.000	-3.1
Decachlorobiphenyl	7.653	7.559	7.759	38.510	50.000	-23.0
Tetrachloro-m-xylene	2.854	2.756	2.956	46.100	50.000	-7.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 15:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:39:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

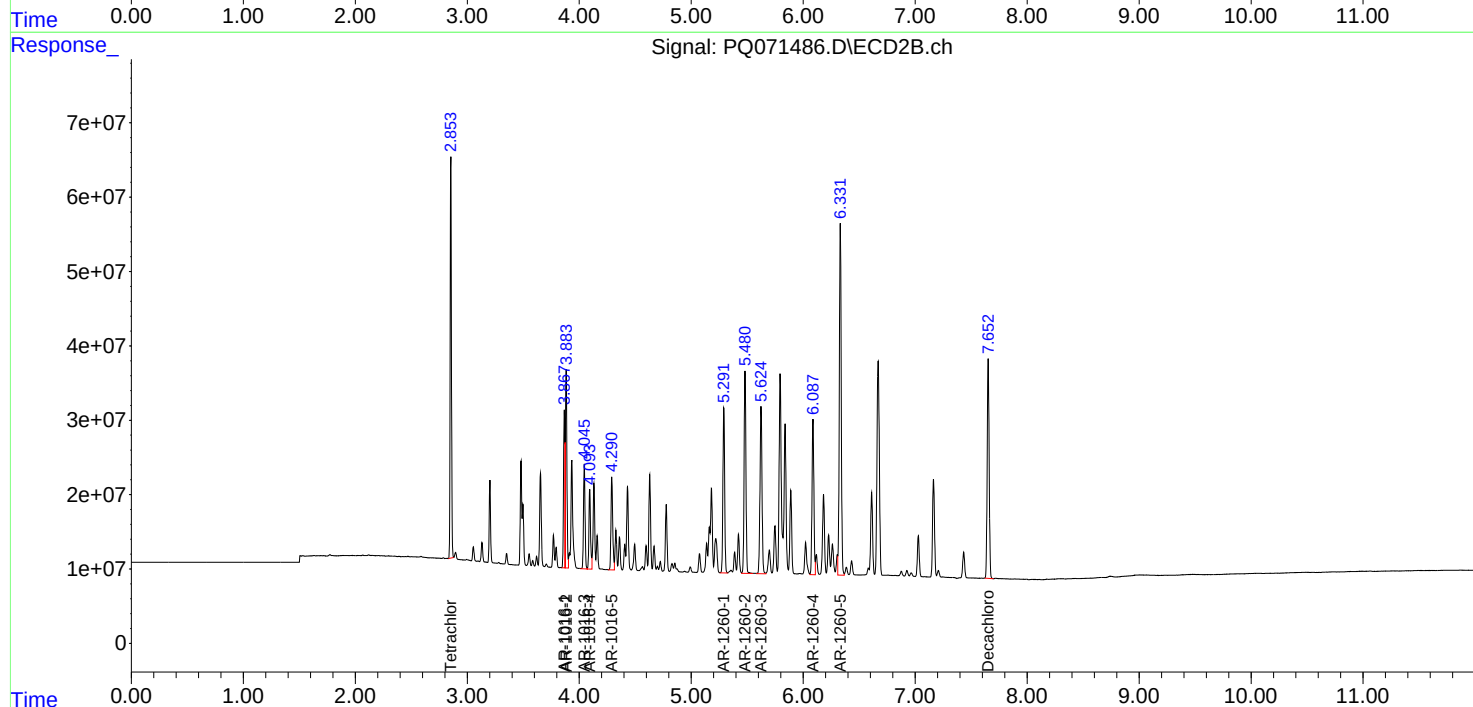
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

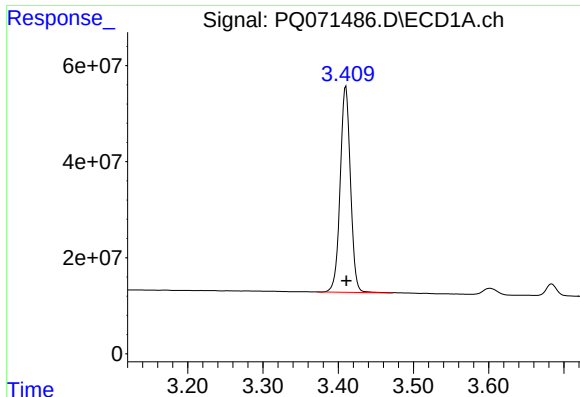
System Monitoring Compounds						
1) SA Tetrachlo...	3.410	2.854	408.5E6	430.4E6	46.927	46.099
2) SA Decachlor...	8.537	7.653	268.6E6	351.9E6	42.900	38.506
Target Compounds						
3) L1 AR-1016-1	4.496	3.867	170.2E6	179.6E6	515.025	496.083
4) L1 AR-1016-2	4.516	3.884	250.0E6	251.8E6	525.666	512.702
5) L1 AR-1016-3	4.573	4.045	155.0E6	137.6E6	519.175	494.829
6) L1 AR-1016-4	4.664	4.094	128.2E6	108.9E6	522.258	485.713
7) L1 AR-1016-5	4.948	4.291	121.2E6	137.6E6	512.840	494.132
31) L7 AR-1260-1	6.042	5.291	213.5E6	243.6E6	477.133	488.176
32) L7 AR-1260-2	6.299	5.481	256.0E6	301.7E6	501.120	497.579
33) L7 AR-1260-3	6.652	5.624	189.7E6	286.5E6	495.519	484.617
34) L7 AR-1260-4	6.867	6.088	206.1E6	240.0E6	492.865	484.464
35) L7 AR-1260-5	7.174	6.332	414.0E6	556.5E6	497.424	484.670

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

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

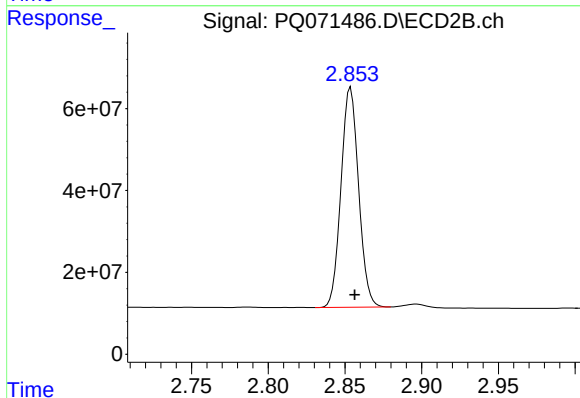




#1 Tetrachloro-m-xylene

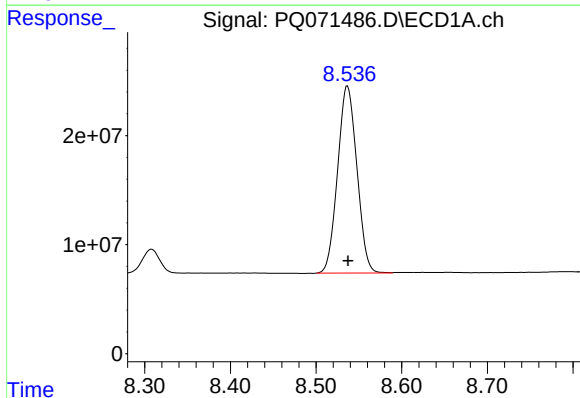
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 408504265
Conc: 46.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



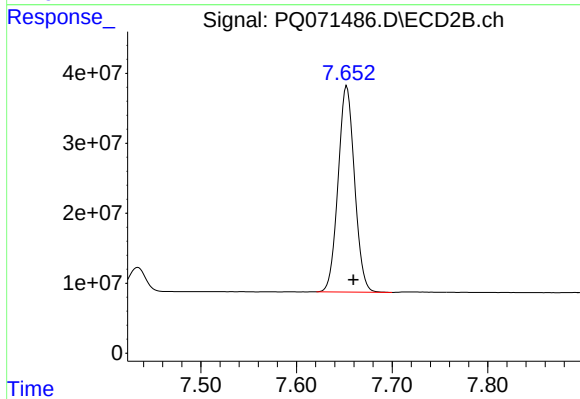
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 430409995
Conc: 46.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 268621054
Conc: 42.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 351855565
Conc: 38.51 ng/ml

Response_

Signal: PQ071486.D\ECD1A.ch

#3 AR-1016-1

R.T.: 4.496 min

Delta R.T.: 0.000 min

Response: 170241160

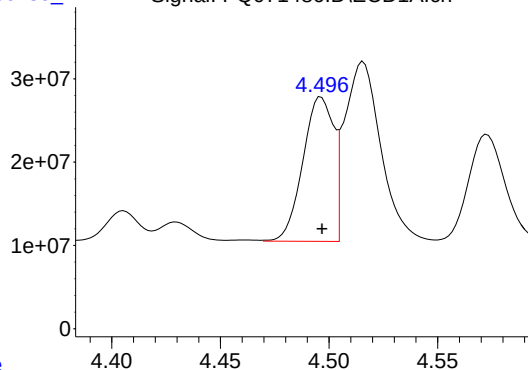
Conc: 515.02 ng/ml

Instrument :

ECD_Q

ClientSampleId :

AR1660CCC500



Time

Response_

Signal: PQ071486.D\ECD2B.ch

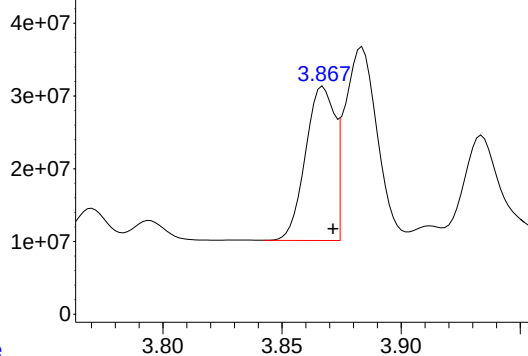
#3 AR-1016-1

R.T.: 3.867 min

Delta R.T.: -0.004 min

Response: 179643053

Conc: 496.08 ng/ml



Time

Response_

Signal: PQ071486.D\ECD1A.ch

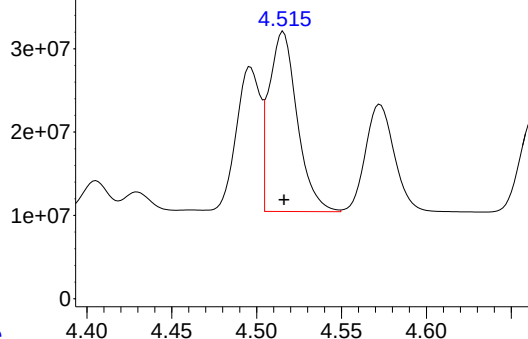
#4 AR-1016-2

R.T.: 4.516 min

Delta R.T.: 0.000 min

Response: 250017117

Conc: 525.67 ng/ml



Time

Response_

Signal: PQ071486.D\ECD2B.ch

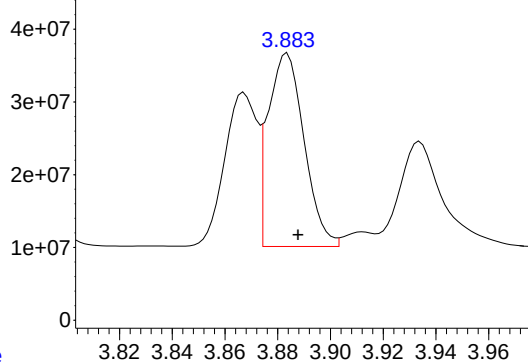
#4 AR-1016-2

R.T.: 3.884 min

Delta R.T.: -0.004 min

Response: 251829982

Conc: 512.70 ng/ml



Time

Response_ Signal: PQ071486.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 154952098
Conc: 519.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time

Response_ Signal: PQ071486.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 137558441
Conc: 494.83 ng/ml

Time

Response_ Signal: PQ071486.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 128239048
Conc: 522.26 ng/ml

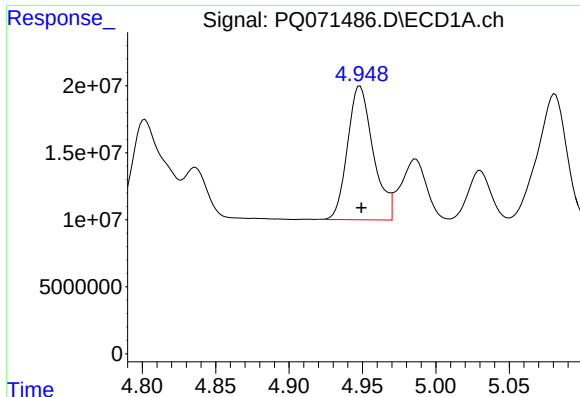
Time

Response_ Signal: PQ071486.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 108920271
Conc: 485.71 ng/ml

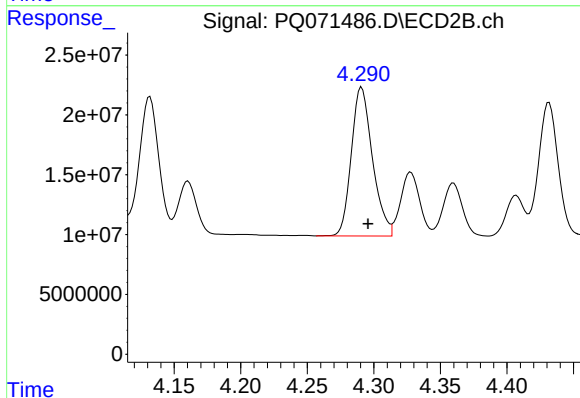
Time



#7 AR-1016-5

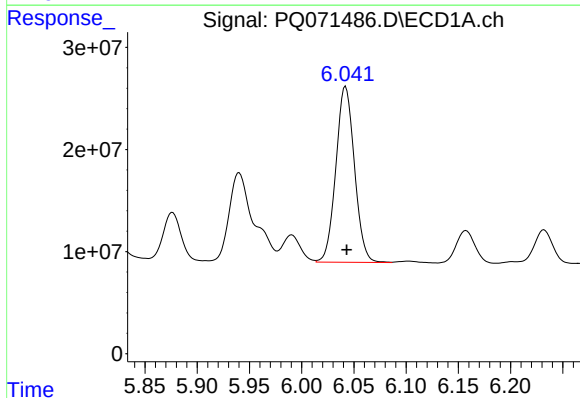
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 121243079
Conc: 512.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



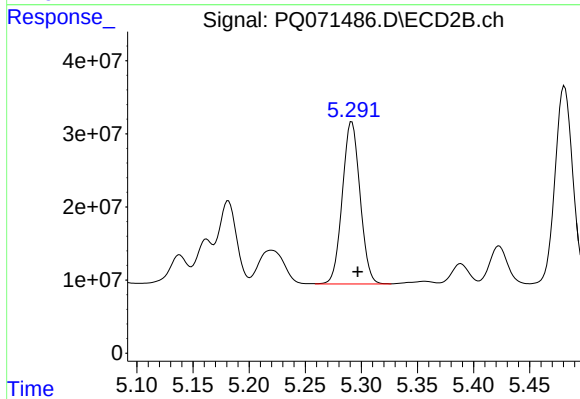
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 137649253
Conc: 494.13 ng/ml



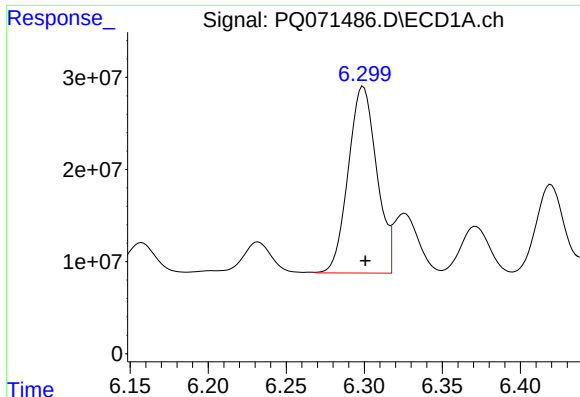
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 213515530
Conc: 477.13 ng/ml



#31 AR-1260-1

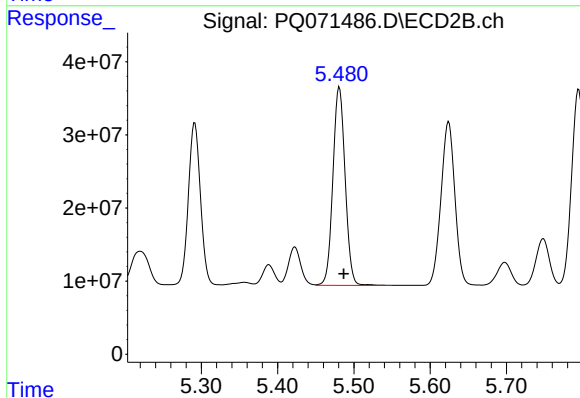
R.T.: 5.291 min
Delta R.T.: -0.005 min
Response: 243563968
Conc: 488.18 ng/ml



#32 AR-1260-2

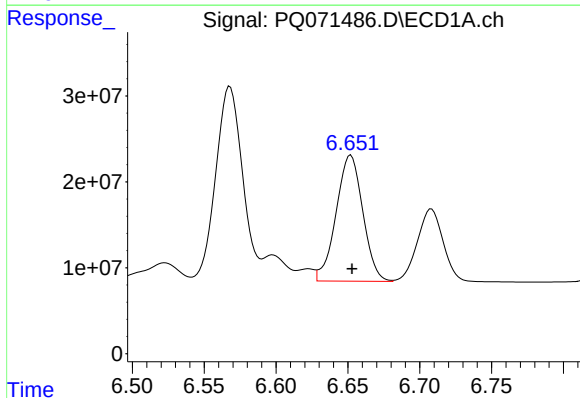
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 256029174
Conc: 501.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



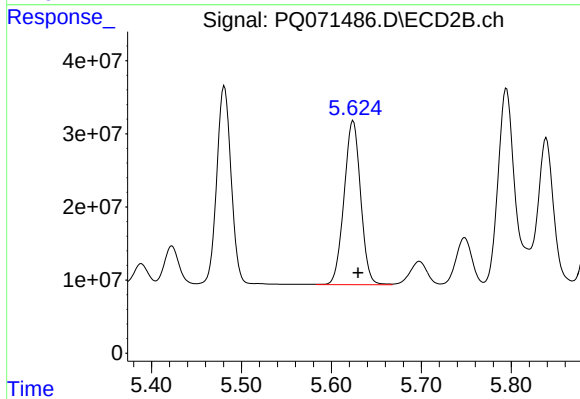
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 301719830
Conc: 497.58 ng/ml



#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 189651926
Conc: 495.52 ng/ml

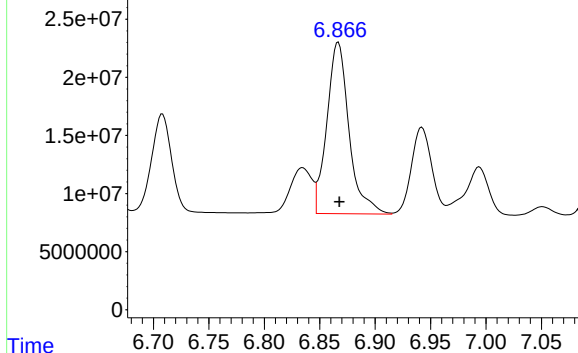


#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 286497715
Conc: 484.62 ng/ml

Response_ Signal: PQ071486.D\ECD1A.ch

#34 AR-1260-4

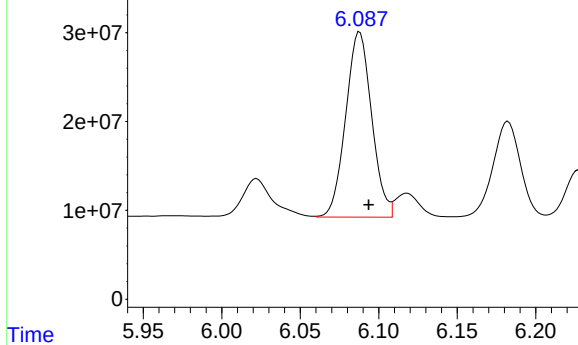


R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 206088933
Conc: 492.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time Response_ Signal: PQ071486.D\ECD2B.ch

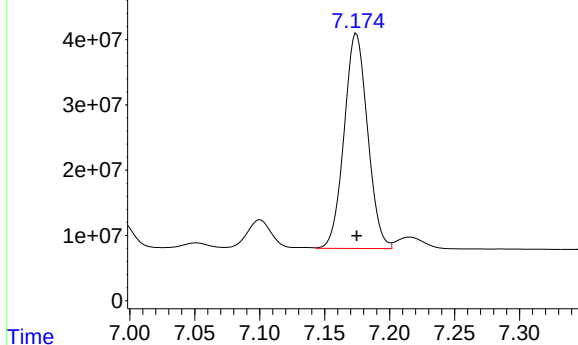
#34 AR-1260-4



R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 239993232
Conc: 484.46 ng/ml

Time Response_ Signal: PQ071486.D\ECD1A.ch

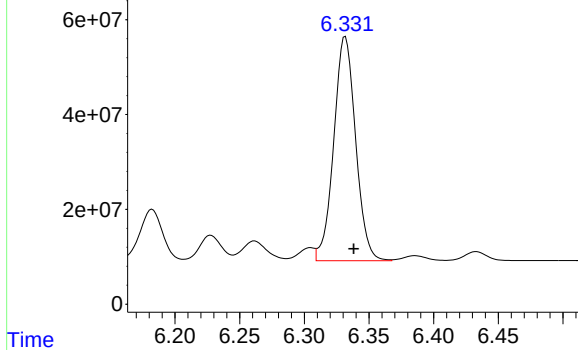
#35 AR-1260-5



R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 413974991
Conc: 497.42 ng/ml

Time Response_ Signal: PQ071486.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 556539184
Conc: 484.67 ng/ml



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 18:25

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.57	4.57	4.47	4.67	0.00
Aroclor-1016-4	(4)	4.66	4.66	4.56	4.76	0.00
Aroclor-1016-5	(5)	4.95	4.95	4.85	5.05	0.00
Aroclor-1260-1	(1)	6.04	6.04	5.94	6.14	0.00
Aroclor-1260-2	(2)	6.30	6.30	6.20	6.40	0.00
Aroclor-1260-3	(3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4	(4)	6.87	6.87	6.77	6.97	0.00
Aroclor-1260-5	(5)	7.17	7.18	7.08	7.28	0.01
Tetrachloro-m-xylene		3.41	3.41	3.31	3.51	0.00
Decachlorobiphenyl		8.54	8.54	8.44	8.64	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Continuing Calib Date: 11/24/2025

Initial Calibration Date(s): 11/18/2025 11/18/2025

Continuing Calib Time: 18:25

Initial Calibration Time(s): 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.87	3.87	3.77	3.97	0.00
Aroclor-1016-2	(2)	3.88	3.89	3.79	3.99	0.01
Aroclor-1016-3	(3)	4.05	4.05	3.95	4.15	0.00
Aroclor-1016-4	(4)	4.09	4.10	4.00	4.20	0.01
Aroclor-1016-5	(5)	4.29	4.30	4.20	4.40	0.01
Aroclor-1260-1	(1)	5.29	5.30	5.20	5.40	0.01
Aroclor-1260-2	(2)	5.48	5.49	5.39	5.59	0.01
Aroclor-1260-3	(3)	5.62	5.63	5.53	5.73	0.01
Aroclor-1260-4	(4)	6.09	6.09	5.99	6.19	0.00
Aroclor-1260-5	(5)	6.33	6.34	6.24	6.44	0.01
Tetrachloro-m-xylene		2.85	2.86	2.76	2.96	0.01
Decachlorobiphenyl		7.65	7.66	7.56	7.76	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071496.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	514.930	500.000	3.0
Aroclor-1016-2	4.516	4.416	4.616	519.110	500.000	3.8
Aroclor-1016-3	4.573	4.474	4.674	518.940	500.000	3.8
Aroclor-1016-4	4.663	4.564	4.764	519.230	500.000	3.8
Aroclor-1016-5	4.949	4.849	5.049	514.700	500.000	2.9
Aroclor-1260-1	6.042	5.943	6.143	485.140	500.000	-3.0
Aroclor-1260-2	6.300	6.200	6.400	510.180	500.000	2.0
Aroclor-1260-3	6.652	6.552	6.752	506.510	500.000	1.3
Aroclor-1260-4	6.866	6.767	6.967	507.470	500.000	1.5
Aroclor-1260-5	7.174	7.075	7.275	516.450	500.000	3.3
Decachlorobiphenyl	8.535	8.437	8.637	44.950	50.000	-10.1
Tetrachloro-m-xylene	3.410	3.311	3.511	46.980	50.000	-6.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **SDG NO.:** Q3674
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/24/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071496.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	492.920	500.000	-1.4
Aroclor-1016-2	3.884	3.788	3.988	517.450	500.000	3.5
Aroclor-1016-3	4.046	3.950	4.150	500.400	500.000	0.1
Aroclor-1016-4	4.094	3.998	4.198	488.760	500.000	-2.2
Aroclor-1016-5	4.291	4.195	4.395	496.490	500.000	-0.7
Aroclor-1260-1	5.291	5.197	5.397	492.560	500.000	-1.5
Aroclor-1260-2	5.481	5.386	5.586	505.720	500.000	1.1
Aroclor-1260-3	5.624	5.530	5.730	494.120	500.000	-1.2
Aroclor-1260-4	6.088	5.993	6.193	502.120	500.000	0.4
Aroclor-1260-5	6.332	6.238	6.438	504.110	500.000	0.8
Decachlorobiphenyl	7.651	7.559	7.759	41.620	50.000	-16.8
Tetrachloro-m-xylene	2.854	2.756	2.956	46.330	50.000	-7.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
 Data File : PQ071496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 18:25
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 04:40:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	408.9E6	432.6E6	46.977	46.328
2) SA Decachlor...	8.535	7.651	281.4E6	380.3E6	44.948	41.621
Target Compounds						
3) L1 AR-1016-1	4.496	3.867	170.2E6	178.5E6	514.934	492.917
4) L1 AR-1016-2	4.516	3.884	246.9E6	254.2E6	519.111	517.451
5) L1 AR-1016-3	4.573	4.046	154.9E6	139.1E6	518.941	500.395
6) L1 AR-1016-4	4.663	4.094	127.5E6	109.6E6	519.232	488.757
7) L1 AR-1016-5	4.949	4.291	121.7E6	138.3E6	514.703	496.485
31) L7 AR-1260-1	6.042	5.291	217.1E6	245.7E6	485.140	492.555
32) L7 AR-1260-2	6.300	5.481	260.7E6	306.7E6	510.179	505.718
33) L7 AR-1260-3	6.652	5.624	193.9E6	292.1E6	506.509	494.124
34) L7 AR-1260-4	6.866	6.088	212.2E6	248.7E6	507.466	502.120
35) L7 AR-1260-5	7.174	6.332	429.8E6	578.9E6	516.450	504.108

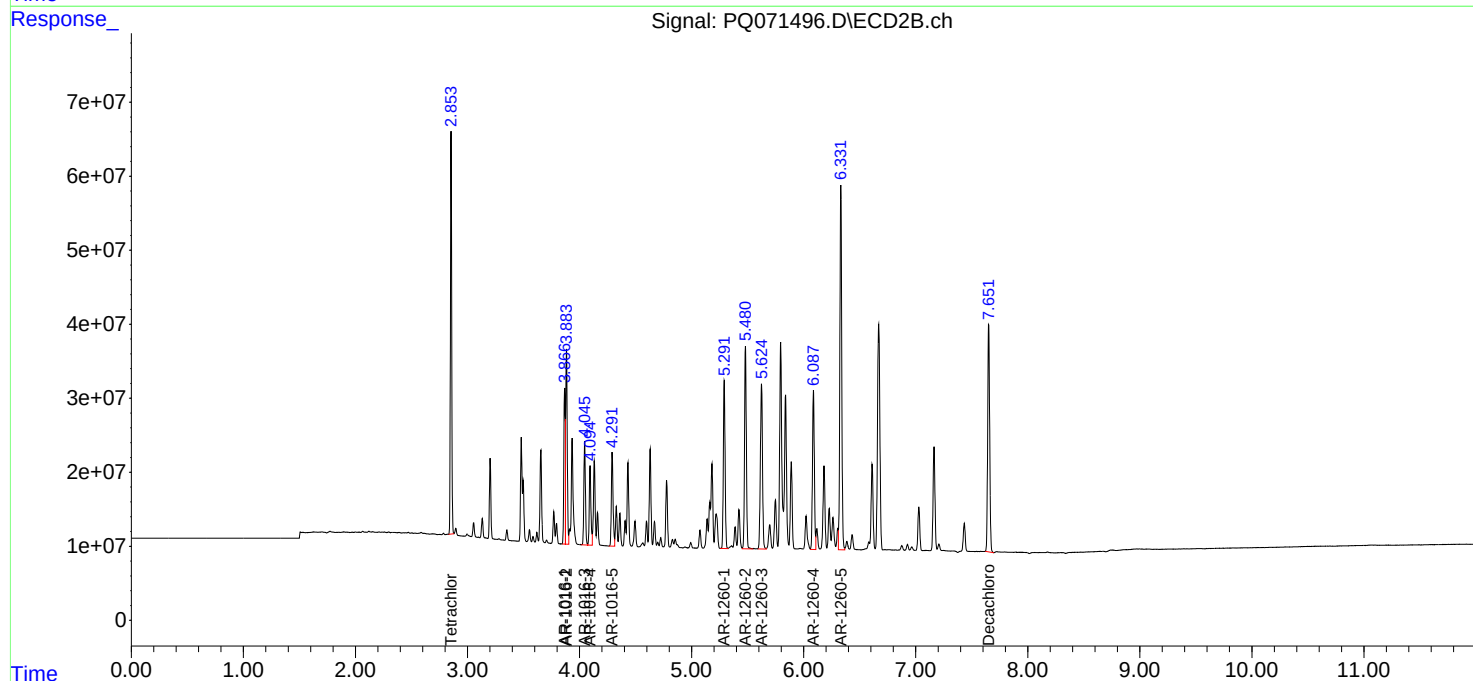
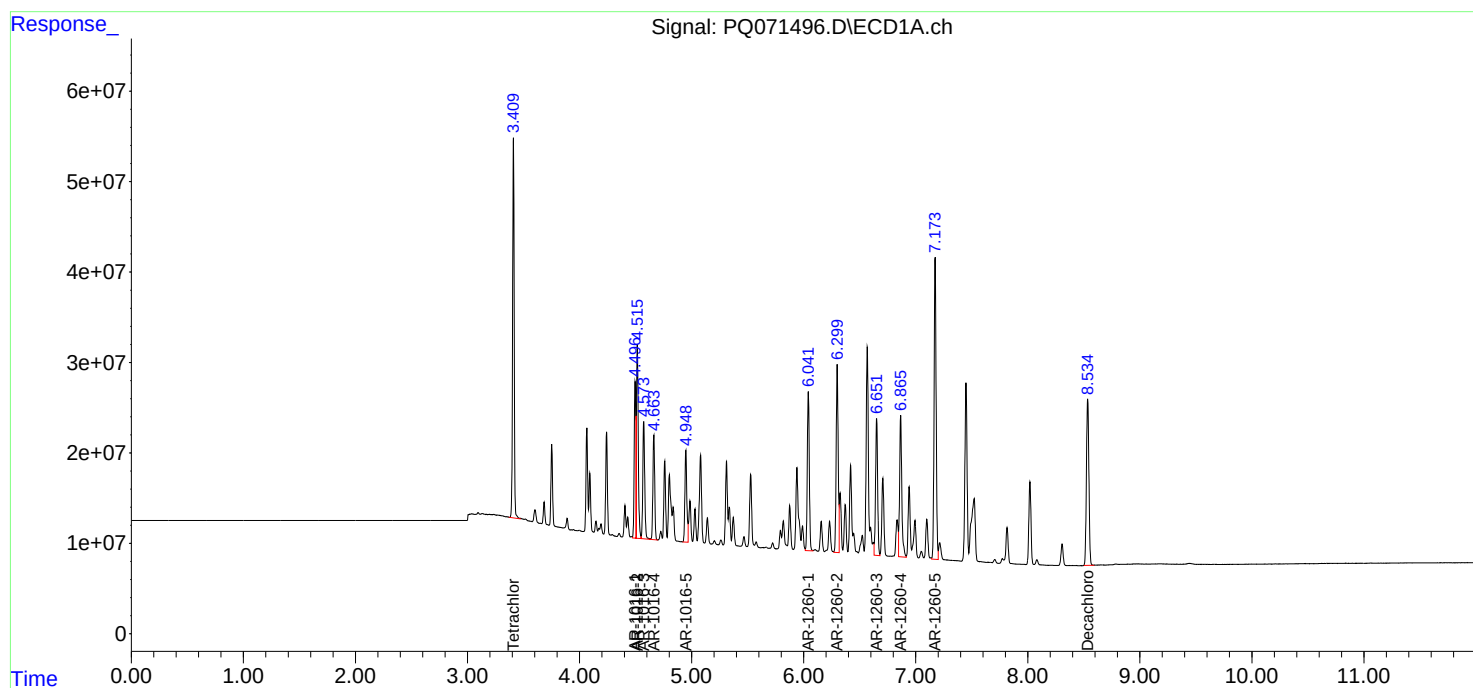
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

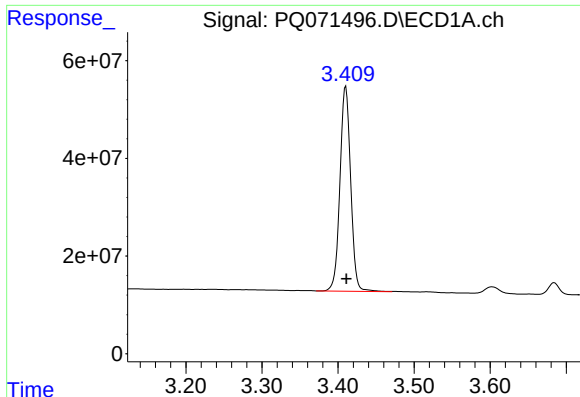
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 18:25
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:40:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

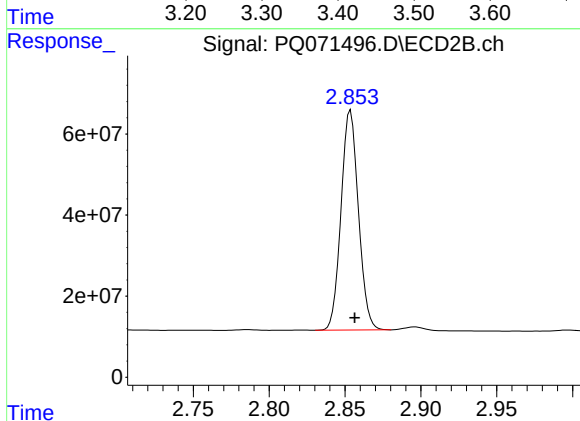




#1 Tetrachloro-m-xylene

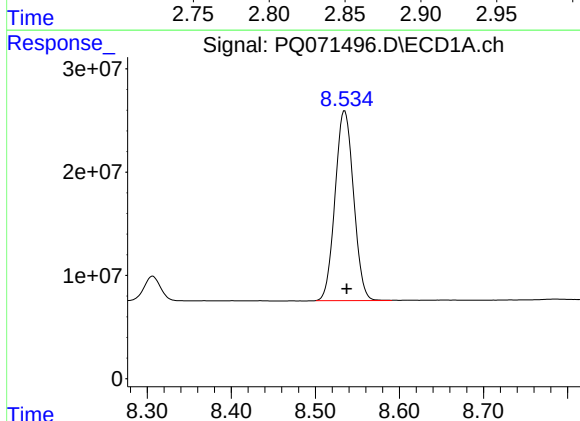
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 408943708
Conc: 46.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



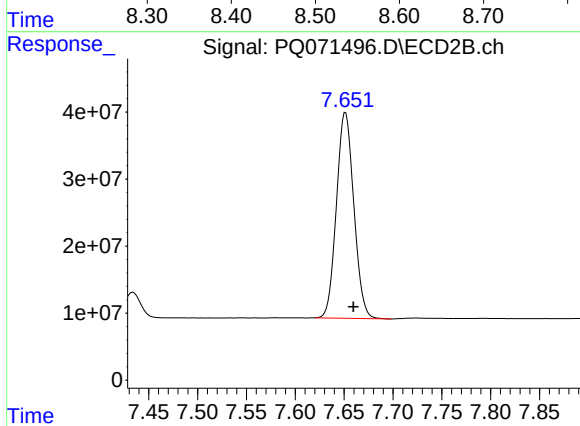
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 432550792
Conc: 46.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 281441781
Conc: 44.95 ng/ml

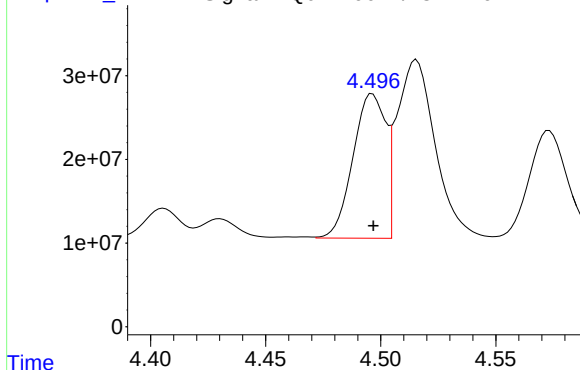


#2 Decachlorobiphenyl

R.T.: 7.651 min
Delta R.T.: -0.008 min
Response: 380323952
Conc: 41.62 ng/ml

Response_ Signal: PQ071496.D\ECD1A.ch

#3 AR-1016-1

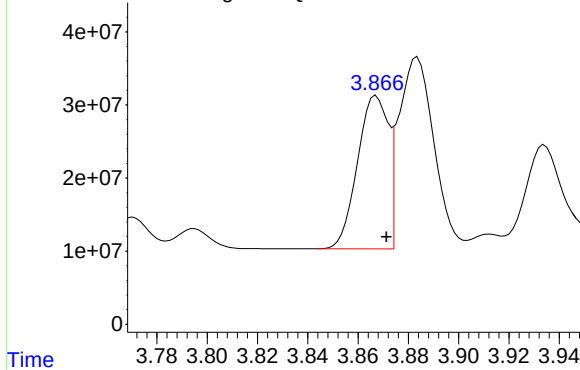


R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 170211341
Conc: 514.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time Response_ Signal: PQ071496.D\ECD2B.ch

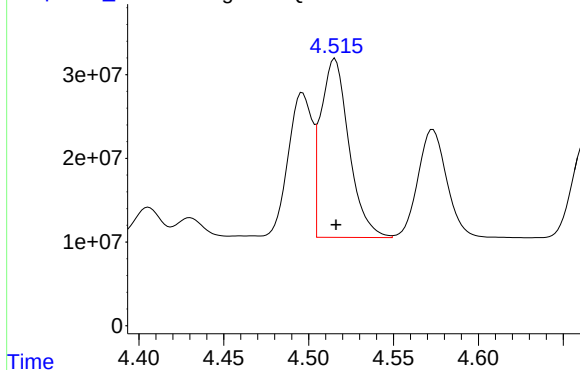
#3 AR-1016-1



R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 178496497
Conc: 492.92 ng/ml

Time Response_ Signal: PQ071496.D\ECD1A.ch

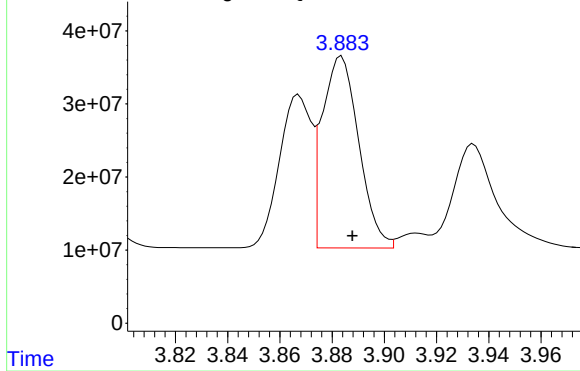
#4 AR-1016-2



R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 246899633
Conc: 519.11 ng/ml

Time Response_ Signal: PQ071496.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 254162807
Conc: 517.45 ng/ml

Response_ Signal: PQ071496.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 154882441
Conc: 518.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time

Response_ Signal: PQ071496.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 139105755
Conc: 500.40 ng/ml

Time

Response_ Signal: PQ071496.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 127495971
Conc: 519.23 ng/ml

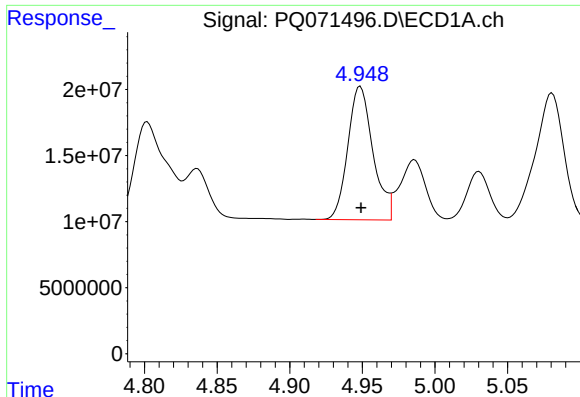
Time

Response_ Signal: PQ071496.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 109602752
Conc: 488.76 ng/ml

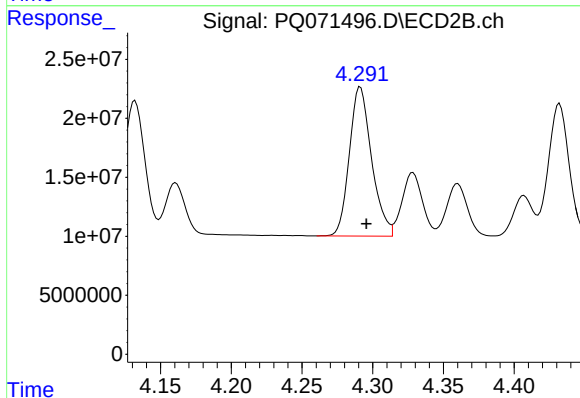
Time



#7 AR-1016-5

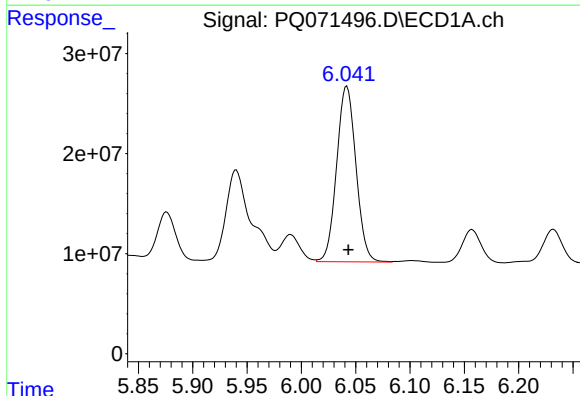
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 121683467
Conc: 514.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



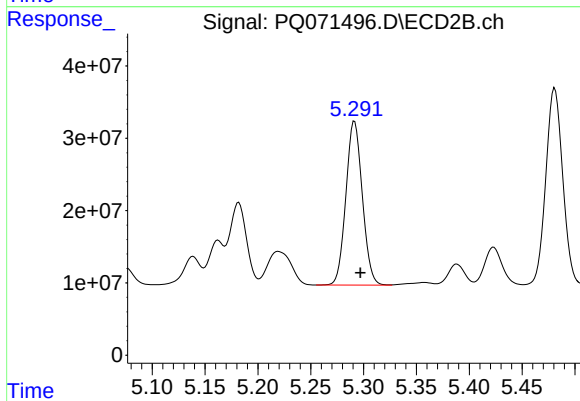
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 138304869
Conc: 496.49 ng/ml



#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 217098929
Conc: 485.14 ng/ml



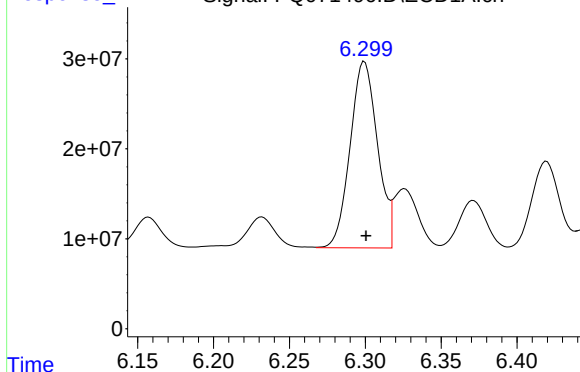
#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.005 min
Response: 245748937
Conc: 492.56 ng/ml

Response_

Signal: PQ071496.D\ECD1A.ch

#32 AR-1260-2



R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 260657381
Conc: 510.18 ng/ml

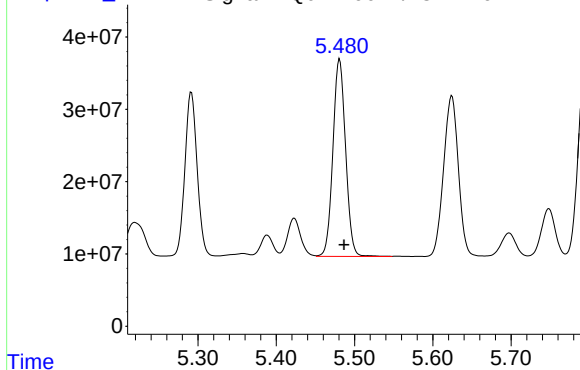
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time

Response_

Signal: PQ071496.D\ECD2B.ch

#32 AR-1260-2



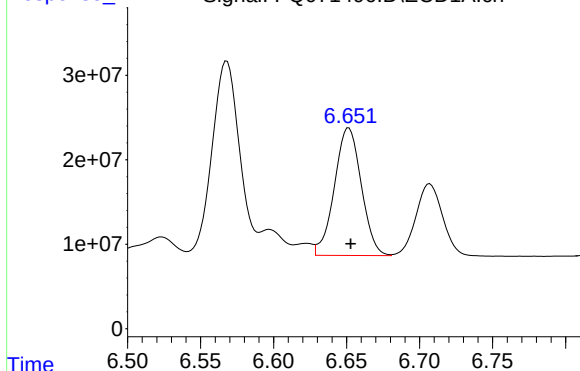
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 306655303
Conc: 505.72 ng/ml

Time

Response_

Signal: PQ071496.D\ECD1A.ch

#33 AR-1260-3



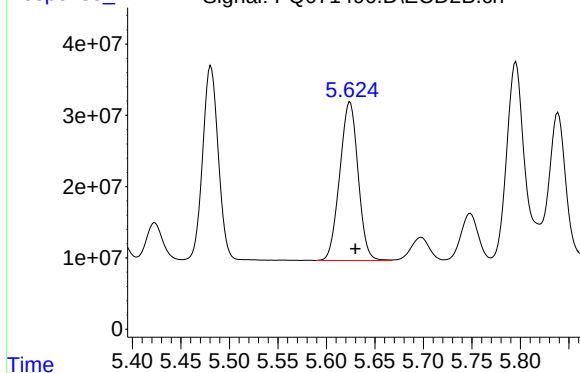
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 193858110
Conc: 506.51 ng/ml

Time

Response_

Signal: PQ071496.D\ECD2B.ch

#33 AR-1260-3

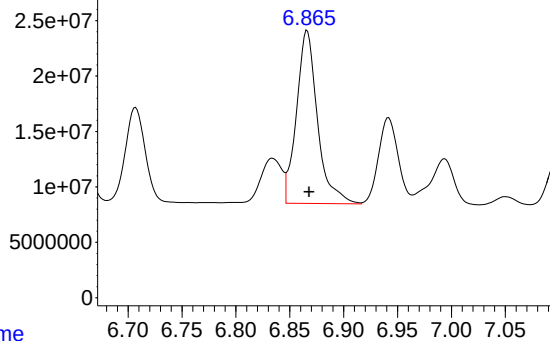


R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 292118238
Conc: 494.12 ng/ml

Time

Response_ Signal: PQ071496.D\ECD1A.ch

#34 AR-1260-4

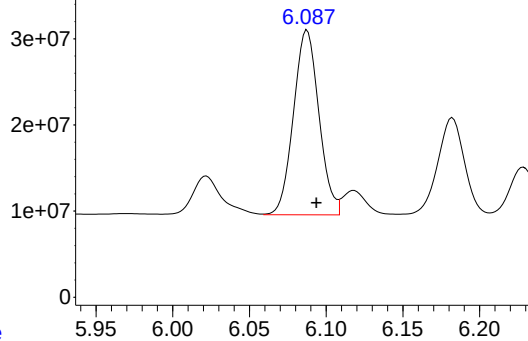


R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 212194166
Conc: 507.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Time Response_ Signal: PQ071496.D\ECD2B.ch

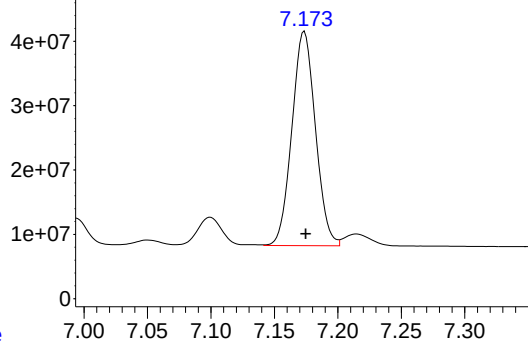
#34 AR-1260-4



R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 248739843
Conc: 502.12 ng/ml

Time Response_ Signal: PQ071496.D\ECD1A.ch

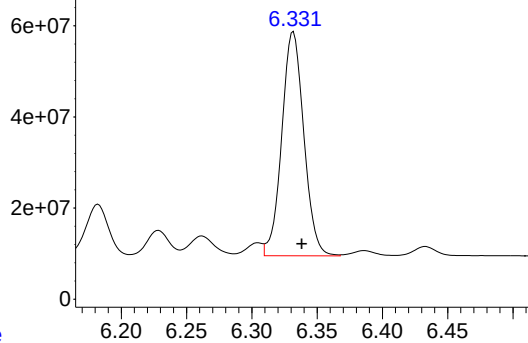
#35 AR-1260-5



R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 429809247
Conc: 516.45 ng/ml

Time Response_ Signal: PQ071496.D\ECD2B.ch

#35 AR-1260-5



R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 578860485
Conc: 504.11 ng/ml

Analytical Sequence

Client: Tetra Tech, EMI	SDG No.: Q3674	
Project: R37108	Instrument ID: ECD_Q	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 11/18/2025 11/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2025	11:59	PQ071272.D	8.54	3.41
AR1660ICC1000	AR1660ICC1000	11/18/2025	12:13	PQ071273.D	8.54	3.41
AR1660ICC750	AR1660ICC750	11/18/2025	12:28	PQ071274.D	8.54	3.41
AR1660ICC500	AR1660ICC500	11/18/2025	12:43	PQ071275.D	8.54	3.41
AR1660ICC250	AR1660ICC250	11/18/2025	12:57	PQ071276.D	8.54	3.41
AR1660ICC050	AR1660ICC050	11/18/2025	15:42	PQ071277.D	8.56	3.43
AR1221ICC500	AR1221ICC500	11/18/2025	16:25	PQ071278.D	8.56	3.43
AR1232ICC500	AR1232ICC500	11/18/2025	16:39	PQ071279.D	8.54	3.41
AR1242ICC500	AR1242ICC500	11/18/2025	16:54	PQ071280.D	8.54	3.41
AR1248ICC500	AR1248ICC500	11/18/2025	17:08	PQ071281.D	8.54	3.41
AR1254ICC500	AR1254ICC500	11/18/2025	17:23	PQ071282.D	8.54	3.41
AR1262ICC500	AR1262ICC500	11/18/2025	17:37	PQ071283.D	8.54	3.41
AR1268ICC500	AR1268ICC500	11/18/2025	17:52	PQ071284.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	09:06	PQ071418.D	8.55	3.42
IBLK	IBLK	11/21/2025	10:09	PQ071419.D	8.56	3.43
C0AH9	Q3674-01	11/21/2025	12:16	PQ071427.D	8.55	3.42
C0AJ0	Q3674-02	11/21/2025	12:31	PQ071428.D	8.54	3.41
C0AJ1	Q3674-03	11/21/2025	12:45	PQ071429.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	13:43	PQ071430.D	8.54	3.41
IBLK	IBLK	11/21/2025	13:59	PQ071431.D	8.54	3.41
PB170671BL	PB170671BL	11/21/2025	14:13	PQ071432.D	8.54	3.41
PB170671BS	PB170671BS	11/21/2025	14:28	PQ071433.D	8.54	3.41
C0AJ2	Q3674-04	11/21/2025	14:42	PQ071434.D	8.54	3.41
C0AJ3	Q3674-05	11/21/2025	14:57	PQ071435.D	8.54	3.41
C0AJ4	Q3674-06	11/21/2025	15:11	PQ071436.D	8.54	3.41
C0AJ5	Q3674-07	11/21/2025	15:26	PQ071437.D	8.54	3.41
C0AJ6	Q3674-08	11/21/2025	15:41	PQ071438.D	8.54	3.41
C0AJ7	Q3674-09	11/21/2025	15:55	PQ071439.D	8.54	3.41
C0AJ7MS	Q3674-09MS	11/21/2025	16:10	PQ071440.D	8.54	3.41
C0AJ7MSD	Q3674-09MSD	11/21/2025	16:24	PQ071441.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	17:23	PQ071442.D	8.54	3.41
IBLK	IBLK	11/21/2025	18:06	PQ071443.D	8.54	3.41
C0AJ8	Q3674-10	11/21/2025	18:21	PQ071444.D	8.54	3.41
C0AJ9	Q3674-11	11/21/2025	18:36	PQ071445.D	8.54	3.41
C0AK0	Q3674-12	11/21/2025	18:50	PQ071446.D	8.54	3.41
C0AK1	Q3674-13	11/21/2025	19:05	PQ071447.D	8.54	3.41
C0AK3	Q3674-14	11/21/2025	19:19	PQ071448.D	8.54	3.41
C0AK4	Q3674-15	11/21/2025	19:34	PQ071449.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	21:31	PQ071454.D	8.54	3.41
IBLK	IBLK	11/21/2025	22:29	PQ071455.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/24/2025	10:16	PQ071474.D	8.56	3.42
IBLK	IBLK	11/24/2025	10:30	PQ071475.D	8.54	3.41

Analytical Sequence

C0AJ0DL	Q3674-02DL	11/24/2025	14:54	PQ071484.D	8.56	3.43
AR1660CCC500	AR1660CCC500	11/24/2025	15:38	PQ071486.D	8.54	3.41
I.BLK	I.BLK	11/24/2025	15:52	PQ071487.D	8.54	3.41
C0AJ1DL	Q3674-03DL	11/24/2025	16:43	PQ071490.D	0.00	0.00
C0AJ2DL	Q3674-04DL	11/24/2025	16:58	PQ071491.D	8.54	3.41
C0AJ5DL	Q3674-07DL	11/24/2025	17:12	PQ071492.D	8.54	3.41
C0AK3DL	Q3674-14DL	11/24/2025	17:27	PQ071493.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/24/2025	18:25	PQ071496.D	8.54	3.41
I.BLK	I.BLK	11/24/2025	19:09	PQ071497.D	8.54	3.41

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Analytical Sequence

Client: Tetra Tech, EMI	SDG No.: Q3674	
Project: R37108	Instrument ID: ECD_Q	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 11/18/2025 11/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2025	11:59	PQ071272.D	7.66	2.86
AR1660ICC1000	AR1660ICC1000	11/18/2025	12:13	PQ071273.D	7.66	2.86
AR1660ICC750	AR1660ICC750	11/18/2025	12:28	PQ071274.D	7.66	2.86
AR1660ICC500	AR1660ICC500	11/18/2025	12:43	PQ071275.D	7.66	2.86
AR1660ICC250	AR1660ICC250	11/18/2025	12:57	PQ071276.D	7.66	2.86
AR1660ICC050	AR1660ICC050	11/18/2025	15:42	PQ071277.D	7.67	2.86
AR1221ICC500	AR1221ICC500	11/18/2025	16:25	PQ071278.D	7.67	2.86
AR1232ICC500	AR1232ICC500	11/18/2025	16:39	PQ071279.D	7.66	2.86
AR1242ICC500	AR1242ICC500	11/18/2025	16:54	PQ071280.D	7.66	2.86
AR1248ICC500	AR1248ICC500	11/18/2025	17:08	PQ071281.D	7.66	2.86
AR1254ICC500	AR1254ICC500	11/18/2025	17:23	PQ071282.D	7.66	2.86
AR1262ICC500	AR1262ICC500	11/18/2025	17:37	PQ071283.D	7.66	2.86
AR1268ICC500	AR1268ICC500	11/18/2025	17:52	PQ071284.D	7.66	2.86
AR1660CCC500	AR1660CCC500	11/21/2025	09:06	PQ071418.D	7.66	2.85
IBLK	IBLK	11/21/2025	10:09	PQ071419.D	7.66	2.85
C0AH9	Q3674-01	11/21/2025	12:16	PQ071427.D	7.66	2.85
C0AJ0	Q3674-02	11/21/2025	12:31	PQ071428.D	7.65	2.85
C0AJ1	Q3674-03	11/21/2025	12:45	PQ071429.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/21/2025	13:43	PQ071430.D	7.65	2.86
IBLK	IBLK	11/21/2025	13:59	PQ071431.D	7.65	2.86
PB170671BL	PB170671BL	11/21/2025	14:13	PQ071432.D	7.65	2.85
PB170671BS	PB170671BS	11/21/2025	14:28	PQ071433.D	7.65	2.85
C0AJ2	Q3674-04	11/21/2025	14:42	PQ071434.D	7.65	2.85
C0AJ3	Q3674-05	11/21/2025	14:57	PQ071435.D	7.65	2.86
C0AJ4	Q3674-06	11/21/2025	15:11	PQ071436.D	7.65	2.86
C0AJ5	Q3674-07	11/21/2025	15:26	PQ071437.D	7.65	2.85
C0AJ6	Q3674-08	11/21/2025	15:41	PQ071438.D	7.65	2.85
C0AJ7	Q3674-09	11/21/2025	15:55	PQ071439.D	7.65	2.85
C0AJ7MS	Q3674-09MS	11/21/2025	16:10	PQ071440.D	7.65	2.86
C0AJ7MSD	Q3674-09MSD	11/21/2025	16:24	PQ071441.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/21/2025	17:23	PQ071442.D	7.65	2.85
IBLK	IBLK	11/21/2025	18:06	PQ071443.D	7.65	2.86
C0AJ8	Q3674-10	11/21/2025	18:21	PQ071444.D	7.65	2.86
C0AJ9	Q3674-11	11/21/2025	18:36	PQ071445.D	7.65	2.85
C0AK0	Q3674-12	11/21/2025	18:50	PQ071446.D	7.65	2.85
C0AK1	Q3674-13	11/21/2025	19:05	PQ071447.D	7.65	2.85
C0AK3	Q3674-14	11/21/2025	19:19	PQ071448.D	7.65	2.86
C0AK4	Q3674-15	11/21/2025	19:34	PQ071449.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/21/2025	21:31	PQ071454.D	7.65	2.86
IBLK	IBLK	11/21/2025	22:29	PQ071455.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/24/2025	10:16	PQ071474.D	7.66	2.85
IBLK	IBLK	11/24/2025	10:30	PQ071475.D	7.65	2.85

Analytical Sequence

C0AJ0DL	Q3674-02DL	11/24/2025	14:54	PQ071484.D	7.66	2.85
AR1660CCC500	AR1660CCC500	11/24/2025	15:38	PQ071486.D	7.65	2.85
I.BLK	I.BLK	11/24/2025	15:52	PQ071487.D	7.65	2.85
C0AJ1DL	Q3674-03DL	11/24/2025	16:43	PQ071490.D	0.00	0.00
C0AJ2DL	Q3674-04DL	11/24/2025	16:58	PQ071491.D	7.65	2.85
C0AJ5DL	Q3674-07DL	11/24/2025	17:12	PQ071492.D	7.65	2.85
C0AK3DL	Q3674-14DL	11/24/2025	17:27	PQ071493.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/24/2025	18:25	PQ071496.D	7.65	2.85
I.BLK	I.BLK	11/24/2025	19:09	PQ071497.D	7.65	2.85

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AH9

Lab Name: Alliance
Lab Code: ACE
Lab Sample ID: Q3674-01
Instrument ID (1): ECD_Q

Contract: TETR16
SDG NO.: Q3674
Date(s) Analyzed: 11/21/2025 11/21/2025
Instrument ID (2): ECD_Q

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)
Data file PQ071427.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.054	6.004	6.104	21.4	25.4	
	2	6.311	6.261	6.361	29.3		
	3	6.664	6.614	6.714	27.7		
	4	6.878	6.828	6.928	24.6		
	5	7.186	7.136	7.236	24.0		
COLUMN 1							
	1	5.294	5.244	5.344	26.5		
	2	5.484	5.434	5.534	35.0		
	3	5.627	5.577	5.677	34.7		
	4	6.091	6.041	6.141	29.3		
COLUMN 2	5	6.336	6.286	6.386	26.2	30.3	
							17.59

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ0

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-02

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071428.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	607	575	17.32
COLUMN 1	2	6.3	6.25	6.35	643		
	3	6.653	6.603	6.703	564		
	4	6.868	6.818	6.918	535		
	5	7.175	7.125	7.225	524		
COLUMN 2	1	5.293	5.243	5.343	749	684	
	2	5.482	5.432	5.532	757		
	3	5.625	5.575	5.675	680		
	4	6.089	6.039	6.139	627		
	5	6.334	6.284	6.384	606		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ1

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-03

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071429.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	11200	13000	0
COLUMN 1	2	6.299	6.249	6.349	13400		
	3	6.651	6.601	6.701	13200		
	4	6.867	6.817	6.917	13700		
	5	7.175	7.125	7.225	12800		
	1	5.295	5.245	5.345	12900		
COLUMN 2	2	5.483	5.433	5.533	13900	13000	
	3	5.628	5.578	5.678	13800		
	4	6.092	6.042	6.142	13300		
	5	6.33	6.28	6.38	10500		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170671BS

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: PB170671BS

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071433.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.496	4.446	4.546	152	150	14.24
COLUMN 1	2	4.515	4.465	4.565	154		
	3	4.572	4.522	4.622	149		
	4	4.662	4.612	4.712	150		
	5	4.948	4.898	4.998	147		
	1	3.868	3.818	3.918	175		
COLUMN 2	2	3.884	3.834	3.934	179	173	
	3	4.046	3.996	4.096	175		
	4	4.095	4.045	4.145	168		
	5	4.292	4.242	4.342	171		
Aroclor-1260	1	6.042	5.992	6.092	147	141	20.38
COLUMN 1	2	6.299	6.249	6.349	156		
	3	6.652	6.602	6.702	129		
	4	6.866	6.816	6.916	137		
	5	7.174	7.124	7.224	136		
	1	5.293	5.243	5.343	181		
COLUMN 2	2	5.483	5.433	5.533	183	173	
	3	5.626	5.576	5.676	185		
	4	6.09	6.04	6.14	158		
	5	6.334	6.284	6.384	157		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ2

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-04

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071434.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	2100	2200	20.41
COLUMN 1	2	6.3	6.25	6.35	2260		
	3	6.652	6.602	6.702	2120		
	4	6.867	6.817	6.917	2170		
	5	7.175	7.125	7.225	2390		
COLUMN 2	1	5.293	5.243	5.343	2620	2700	
	2	5.483	5.433	5.533	2710		
	3	5.626	5.576	5.676	2610		
	4	6.089	6.039	6.139	2590		
	5	6.334	6.284	6.384	2800		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ3

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-05

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071435.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.311	5.261	5.361	70.2	120	4.88
COLUMN 1	2	5.527	5.477	5.577	83.4		
	3	5.877	5.827	5.927	77.4		
	4	6.158	6.108	6.208	105		
	5	6.568	6.518	6.618	262		
	1	4.632	4.582	4.682	69.9		
COLUMN 2	2	4.779	4.729	4.829	95.8	126	
	3	5.163	5.113	5.213	81.8		
	4	5.39	5.34	5.44	121		
	5	5.796	5.746	5.846	262		
Aroclor-1260	1	6.042	5.992	6.092	132	138	16.61
COLUMN 1	2	6.299	6.249	6.349	170		
	3	6.651	6.601	6.701	143		
	4	6.866	6.816	6.916	124		
	5	7.174	7.124	7.224	120		
	1	5.293	5.243	5.343	173		
COLUMN 2	2	5.482	5.432	5.532	201	163	
	3	5.625	5.575	5.675	157		
	4	6.089	6.039	6.139	137		
	5	6.334	6.284	6.384	147		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ4

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-06

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071436.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.311	5.261	5.361	66.3	73.2	5.19
COLUMN 1	2	5.527	5.477	5.577	63.3		
	3	5.877	5.827	5.927	56.1		
	4	6.158	6.108	6.208	60.2		
	5	6.569	6.519	6.619	120		
	1	4.631	4.581	4.681	67.9		
COLUMN 2	2	4.778	4.728	4.828	66.5	77.1	
	3	5.162	5.112	5.212	61.5		
	4	5.39	5.34	5.44	68.9		
	5	5.797	5.747	5.847	121		
Aroclor-1260	1	6.042	5.992	6.092	65.1	61.5	20.7
COLUMN 1	2	6.3	6.25	6.35	70.7		
	3	6.651	6.601	6.701	59.4		
	4	6.867	6.817	6.917	55.4		
	5	7.174	7.124	7.224	56.7		
	1	5.293	5.243	5.343	88.6		
COLUMN 2	2	5.483	5.433	5.533	82.2	75.7	
	3	5.625	5.575	5.675	80.0		
	4	6.089	6.039	6.139	60.5		
	5	6.333	6.283	6.383	67.3		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ5

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-07

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071437.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1248	1	4.497	4.447	4.547	346	450	14.81
COLUMN 1	2	4.76	4.71	4.81	498		
	3	4.949	4.899	4.999	497		
	4	5.311	5.261	5.361	583		
	5	5.337	5.287	5.387	329		
	1	3.868	3.818	3.918	409		
COLUMN 2	2	4.095	4.045	4.145	574	522	
	3	4.132	4.082	4.182	566		
	4	4.292	4.242	4.342	579		
	5	4.67	4.62	4.72	481		
Aroclor-1254	1	5.311	5.261	5.361	441	391	7.15
COLUMN 1	2	5.525	5.475	5.575	393		
	3	5.877	5.827	5.927	288		
	4	6.158	6.108	6.208	271		
	5	6.568	6.518	6.618	560		
	1	4.632	4.582	4.682	474		
COLUMN 2	2	4.779	4.729	4.829	350	420	
	3	5.163	5.113	5.213	406		
	4	5.39	5.34	5.44	306		
	5	5.797	5.747	5.847	565		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	339	303	24.6
	2	6.299	6.249	6.349	354		
	3	6.652	6.602	6.702	274		
	4	6.866	6.816	6.916	282		
	5	7.174	7.124	7.224	266		
COLUMN 1							
	1	5.293	5.243	5.343	490		
	2	5.482	5.432	5.532	424		
	3	5.625	5.575	5.675	395		
	4	6.089	6.039	6.139	314		
COLUMN 2	5	6.333	6.283	6.383	314	388	

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ6

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-08

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071438.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.311	5.261	5.361	39.2	38.1	3.1
COLUMN 1	2	5.526	5.476	5.576	35.0		
	3	5.877	5.827	5.927	23.2		
	4	6.158	6.108	6.208	19.7		
	5	6.568	6.518	6.618	73.6		
	1	4.631	4.581	4.681	38.4		
COLUMN 2	2	4.778	4.728	4.828	35.6	39.3	
	3	5.163	5.113	5.213	24.0		
	4	5.389	5.339	5.439	23.8		
	5	5.796	5.746	5.846	74.7		
Aroclor-1260	1	6.043	5.993	6.093	49.1	46.6	21.28
COLUMN 1	2	6.3	6.25	6.35	53.1		
	3	6.652	6.602	6.702	44.8		
	4	6.867	6.817	6.917	44.0		
	5	7.175	7.125	7.225	42.1		
	1	5.293	5.243	5.343	65.0		
COLUMN 2	2	5.482	5.432	5.532	62.7	57.7	
	3	5.625	5.575	5.675	61.7		
	4	6.089	6.039	6.139	49.7		
	5	6.333	6.283	6.383	49.4		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ7

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-09

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071439.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.042	5.992	6.092	8.07	11.9	13.33
COLUMN 1	2	6.299	6.249	6.349	16.4		
	3	6.652	6.602	6.702	14.8		
	4	6.867	6.817	6.917	9.21		
	5	7.173	7.123	7.223	11.1		
	1	5.293	5.243	5.343	8.64		
COLUMN 2	2	5.482	5.432	5.532	19.3	13.6	
	3	5.625	5.575	5.675	13.3		
	4	6.089	6.039	6.139	11.5		
	5	6.333	6.283	6.383	15.3		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ7MS

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-09MS

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071440.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.496	4.446	4.546	154	151	16.41
COLUMN 1	2	4.515	4.465	4.565	155		
	3	4.573	4.523	4.623	150		
	4	4.663	4.613	4.713	150		
	5	4.948	4.898	4.998	147		
	1	3.869	3.819	3.919	180		
COLUMN 2	2	3.885	3.835	3.935	183	178	
	3	4.047	3.997	4.097	179		
	4	4.095	4.045	4.145	173		
	5	4.292	4.242	4.342	176		
Aroclor-1260	1	6.042	5.992	6.092	141	136	19.27
COLUMN 1	2	6.3	6.25	6.35	153		
	3	6.652	6.602	6.702	127		
	4	6.866	6.816	6.916	129		
	5	7.174	7.124	7.224	129		
	1	5.292	5.242	5.342	172		
COLUMN 2	2	5.482	5.432	5.532	179	165	
	3	5.625	5.575	5.675	176		
	4	6.089	6.039	6.139	151		
	5	6.333	6.283	6.383	150		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ7MSD

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-09MSD

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071441.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.496	4.446	4.546	151		
	2	4.515	4.465	4.565	152		
	3	4.573	4.523	4.623	148		
	4	4.663	4.613	4.713	145		
	5	4.948	4.898	4.998	144		
COLUMN 1						148	
	1	3.868	3.818	3.918	174		
	2	3.885	3.835	3.935	176		
	3	4.047	3.997	4.097	175		
	4	4.095	4.045	4.145	169		
	5	4.292	4.242	4.342	172		
COLUMN 2						173	15.58
Aroclor-1260	1	6.042	5.992	6.092	141		
	2	6.299	6.249	6.349	152		
	3	6.652	6.602	6.702	127		
	4	6.867	6.817	6.917	130		
	5	7.174	7.124	7.224	130		
COLUMN 1						136	
	1	5.293	5.243	5.343	171		
	2	5.482	5.432	5.532	178		
	3	5.625	5.575	5.675	175		
	4	6.089	6.039	6.139	150		
	5	6.333	6.283	6.383	149		
COLUMN 2						165	19.27

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ8

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-10

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071444.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.042	5.992	6.092	19.4	37.9	11.44
COLUMN 1	2	6.299	6.249	6.349	45.7		
	3	6.651	6.601	6.701	50.6		
	4	6.866	6.816	6.916	37.8		
	5	7.174	7.124	7.224	36.0		
COLUMN 2	1	5.293	5.243	5.343	29.5	42.5	
	2	5.482	5.432	5.532	55.3		
	3	5.626	5.576	5.676	38.8		
	4	6.089	6.039	6.139	43.8		
	5	6.333	6.283	6.383	44.8		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ9

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-11

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071445.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	5.37	11.5	5.36
COLUMN 1	2	6.299	6.249	6.349	14.3		
	3	6.652	6.602	6.702	16.0		
	4	6.867	6.817	6.917	10.2		
	5	7.174	7.124	7.224	11.7		
COLUMN 2	1	5.293	5.243	5.343	7.23	10.9	
	2	5.482	5.432	5.532	15.2		
	3	5.626	5.576	5.676	9.89		
	4	6.087	6.037	6.137	9.60		
	5	6.333	6.283	6.383	12.5		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK0

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-12

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071446.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.042	5.992	6.092	34.2	41.1	18.04
COLUMN 1	2	6.3	6.25	6.35	54.3		
	3	6.652	6.602	6.702	43.7		
	4	6.867	6.817	6.917	34.9		
	5	7.174	7.124	7.224	38.3		
	1	5.293	5.243	5.343	25.2		
COLUMN 2	2	5.482	5.432	5.532	49.2	34.3	
	3	5.626	5.576	5.676	29.6		
	4	6.089	6.039	6.139	30.3		
	5	6.334	6.284	6.384	37.1		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK1

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-13

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071447.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.312	5.262	5.362	27.9	39.7	5.97
COLUMN 1	2	5.528	5.478	5.578	28.6		
	3	5.876	5.826	5.926	38.2		
	4	6.158	6.108	6.208	44.4		
	5	6.569	6.519	6.619	59.2		
COLUMN 2	1	4.631	4.581	4.681	23.5	37.4	
	2	4.778	4.728	4.828	29.6		
	3	5.162	5.112	5.212	37.0		
	4	5.389	5.339	5.439	45.0		
	5	5.796	5.746	5.846	52.0		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK3

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-14

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071448.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	11800	13000	
COLUMN 1	2	6.297	6.247	6.347	12700		
	3	6.652	6.602	6.702	13500		
	4	6.867	6.817	6.917	13900		
	5	7.175	7.125	7.225	12000		
COLUMN 2	1	5.295	5.245	5.345	12800	12000	
	2	5.482	5.432	5.532	12100		
	3	5.628	5.578	5.678	12100		
	4	6.092	6.042	6.142	12700		
	5	6.33	6.28	6.38	9930		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK4

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-15

Date(s) Analyzed: 11/21/2025 11/21/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071449.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.042	5.992	6.092	29.9	52.5	
COLUMN 1	2	6.299	6.249	6.349	63.7		
	3	6.652	6.602	6.702	68.0		
	4	6.867	6.817	6.917	51.1		
	5	7.174	7.124	7.224	49.6		
COLUMN 2	1	5.293	5.243	5.343	35.8	47.8	
	2	5.482	5.432	5.532	60.6		
	3	5.626	5.576	5.676	43.0		
	4	6.089	6.039	6.139	49.2		
	5	6.333	6.283	6.383	50.6		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ0DL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-02DL

Date(s) Analyzed: 11/24/2025 11/24/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071484.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.061	6.011	6.111	455	416	5.38
COLUMN 1	2	6.318	6.268	6.368	479		
	3	6.671	6.621	6.721	398		
	4	6.886	6.836	6.936	391		
	5	7.195	7.145	7.245	357		
COLUMN 2	1	5.294	5.244	5.344	486	439	
	2	5.484	5.434	5.534	503		
	3	5.627	5.577	5.677	451		
	4	6.091	6.041	6.141	387		
	5	6.337	6.287	6.387	366		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ1DL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-03DL

Date(s) Analyzed: 11/24/2025 11/24/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071490.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.044	5.994	6.094	15400	15000	6.45
COLUMN 1	2	6.3	6.25	6.35	16100		
	3	6.653	6.603	6.703	14800		
	4	6.868	6.818	6.918	15000		
	5	7.175	7.125	7.225	15400		
	1	5.292	5.242	5.342	16200		
COLUMN 2	2	5.481	5.431	5.531	16400	16000	
	3	5.625	5.575	5.675	15900		
	4	6.088	6.038	6.138	15100		
	5	6.332	6.282	6.382	15200		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ2DL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-04DL

Date(s) Analyzed: 11/24/2025 11/24/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071491.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.042	5.992	6.092	1730	1800	0
COLUMN 1	2	6.299	6.249	6.349	1830		
	3	6.652	6.602	6.702	1710		
	4	6.867	6.817	6.917	1730		
	5	7.173	7.123	7.223	1740		
	1	5.292	5.242	5.342	1820		
COLUMN 2	2	5.481	5.431	5.531	1870	1800	
	3	5.624	5.574	5.674	1800		
	4	6.088	6.038	6.138	1730		
	5	6.332	6.282	6.382	1790		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AJ5DL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-07DL

Date(s) Analyzed: 11/24/2025 11/24/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071492.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1248	1	4.497	4.447	4.547	331	412	2.46
COLUMN 1	2	4.76	4.71	4.81	456		
	3	4.949	4.899	4.999	453		
	4	5.31	5.26	5.36	525		
	5	5.337	5.287	5.387	296		
COLUMN 2	1	3.868	3.818	3.918	315	402	
	2	4.094	4.044	4.144	447		
	3	4.131	4.081	4.181	439		
	4	4.291	4.241	4.341	445		
	5	4.668	4.618	4.718	364		
Aroclor-1254	1	5.31	5.26	5.36	397	344	7.23
COLUMN 1	2	5.525	5.475	5.575	349		
	3	5.876	5.826	5.926	253		
	4	6.158	6.108	6.208	238		
	5	6.568	6.518	6.618	482		
COLUMN 2	1	4.631	4.581	4.681	362	320	
	2	4.778	4.728	4.828	264		
	3	5.162	5.112	5.212	308		
	4	5.389	5.339	5.439	242		
	5	5.795	5.745	5.845	425		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	299			
	2	6.299	6.249	6.349	312			
	3	6.652	6.602	6.702	241			
	4	6.867	6.817	6.917	244			
	5	7.174	7.124	7.224	226			
COLUMN 1						264	11.76	
	1	5.292	5.242	5.342	380			
	2	5.481	5.431	5.531	326			
	3	5.623	5.573	5.673	310			
	4	6.088	6.038	6.138	238			
5	6.332	6.282	6.382	230				
COLUMN 2						297		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AK3DL

Lab Name: Alliance

Contract: TETR16

Lab Code: ACE

SDG NO.: Q3674

Lab Sample ID: Q3674-14DL

Date(s) Analyzed: 11/24/2025 11/24/2025

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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

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

Data file PQ071493.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1260	1	6.043	5.993	6.093	15500	15000	6.45
COLUMN 1	2	6.299	6.249	6.349	15800		
	3	6.652	6.602	6.702	14500		
	4	6.867	6.817	6.917	14800		
	5	7.174	7.124	7.224	14900		
COLUMN 2	1	5.291	5.241	5.341	16200	16000	
	2	5.481	5.431	5.531	16100		
	3	5.624	5.574	5.674	16000		
	4	6.088	6.038	6.138	15000		
	5	6.333	6.283	6.383	14800		



QC SAMPLE DATA

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

Report of Analysis

Client: Tetra Tech, EMI	Date Collected:	
Project: R37108	Date Received:	
Client Sample ID: PB170671BL	SDG No.:	Q3674
Lab Sample ID: PB170671BL	Matrix:	SOIL
Analytical Method: 8082A	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	PCB
Prep Method: SW3541B	Final Vol: 10000 uL	
	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	17.0	U	1	3.90	17.0	ug/kg	11/21/25 14:13	PB170671
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 14:13	PB170671
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 14:13	PB170671
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 14:13	PB170671
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 14:13	PB170671
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 14:13	PB170671
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 14:13	PB170671
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 14:13	PB170671
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	11/21/25 14:13	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.7			21 - 165	133%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.5			10 - 170	133%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:13
Operator : YP\AJ
Sample : PB170671BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170671BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:37:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	196.3E6	249.0E6	22.550	26.669
2) SA Decachlor...	8.536	7.654	138.8E6	242.2E6	22.171	26.502

Target Compounds

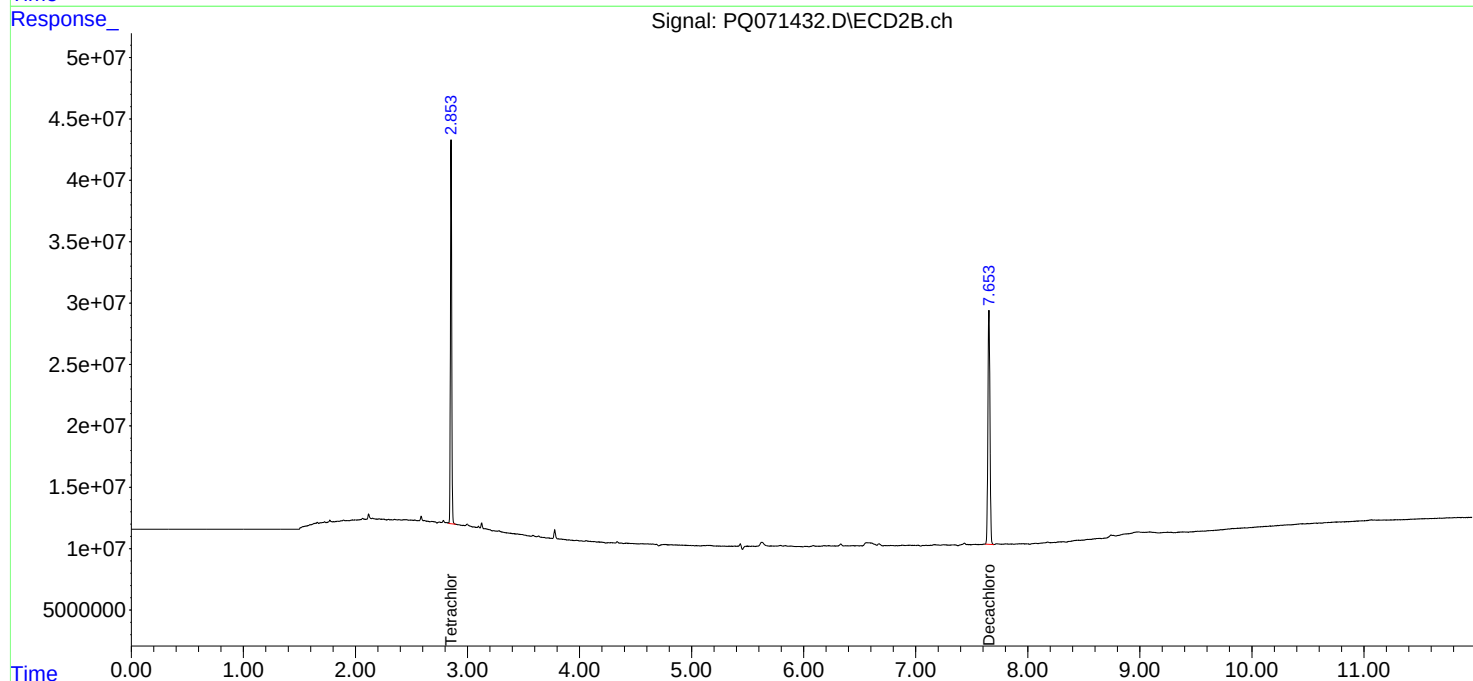
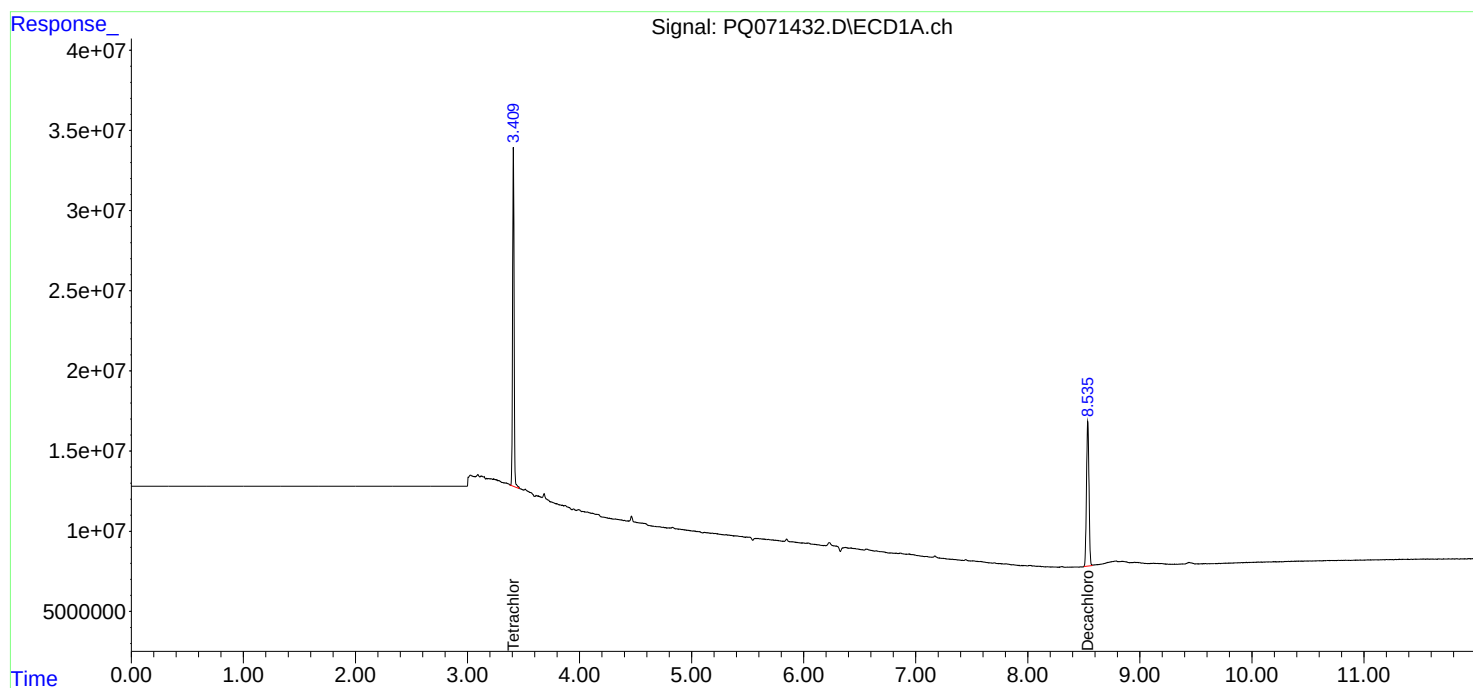
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

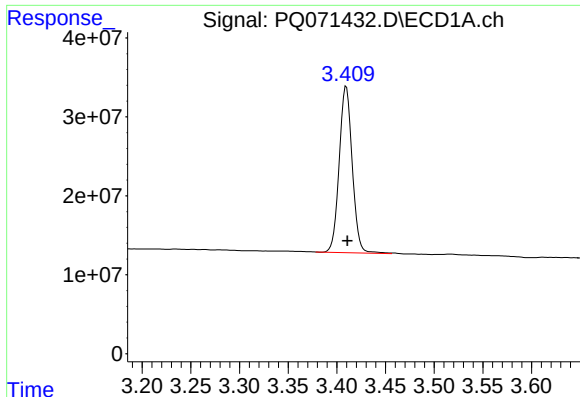
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:13
Operator : YP\AJ
Sample : PB170671BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170671BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:37:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

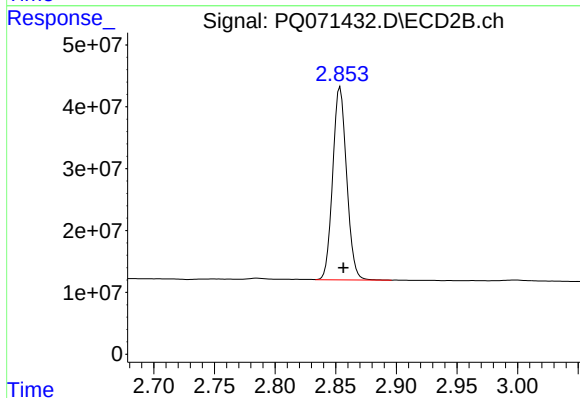




#1 Tetrachloro-m-xylene

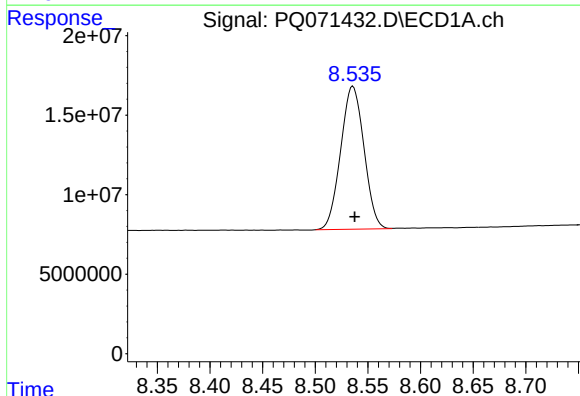
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 196297341
Conc: 22.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BL



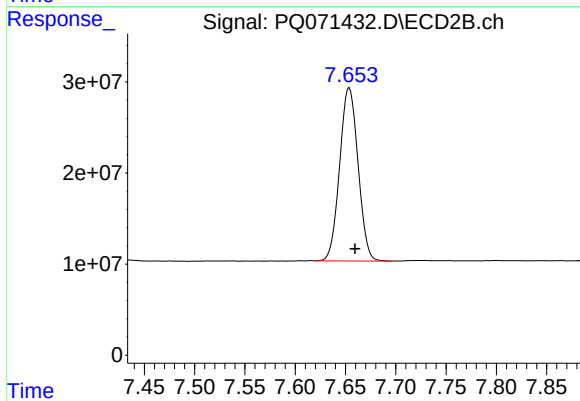
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 249000810
Conc: 26.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 138822850
Conc: 22.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 242169718
Conc: 26.50 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/18/25	
Project: R37108	Date Received: 11/18/25	
Client Sample ID: PIBLK-PQ071272.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071272.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/18/25	PQ111825
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/18/25	PQ111825
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/18/25	PQ111825
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/18/25	PQ111825
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/18/25	PQ111825
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/18/25	PQ111825
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/18/25	PQ111825
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/18/25	PQ111825
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/18/25	PQ111825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			60 - 140	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.7			60 - 140	109%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.412	2.857	190.8E6	207.4E6	21.918	22.217
2) SA Decachlor...	8.538	7.660	139.1E6	198.4E6	22.210	21.710

Target Compounds

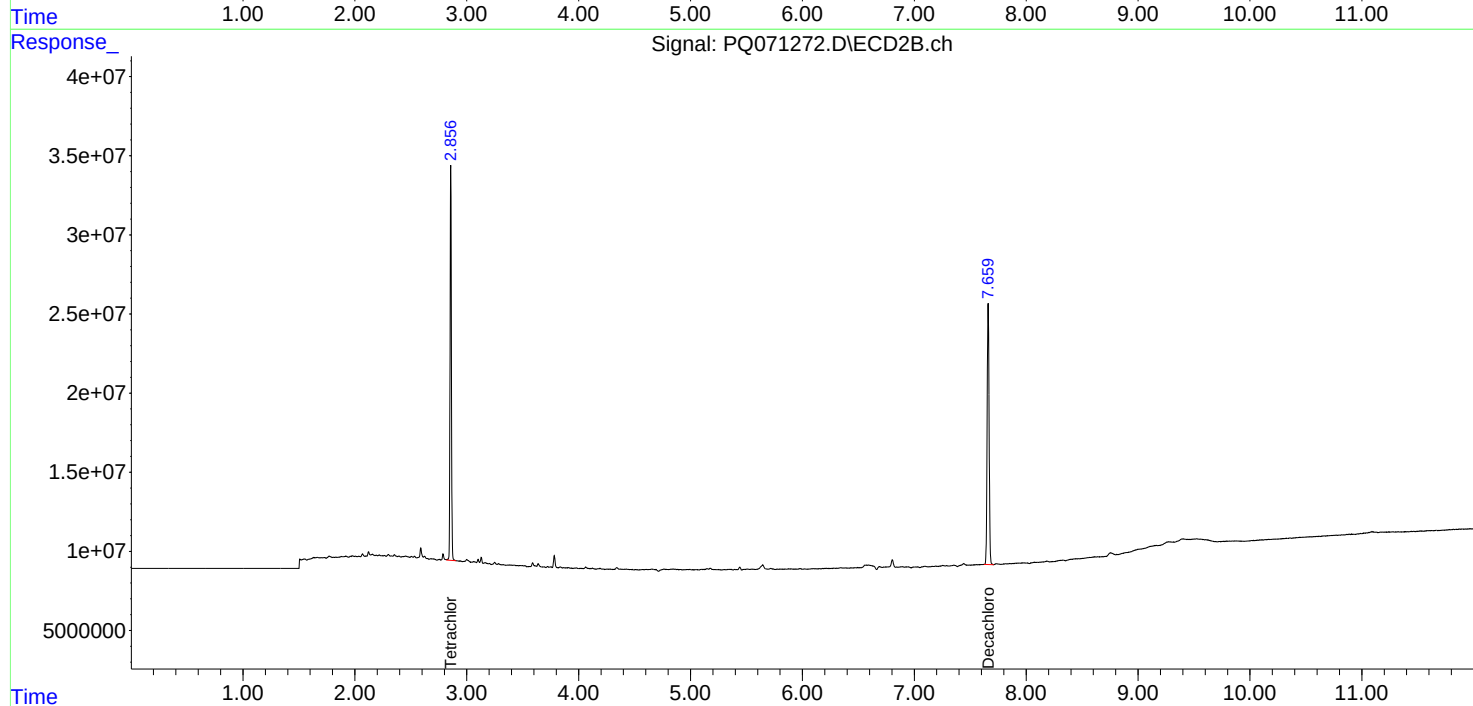
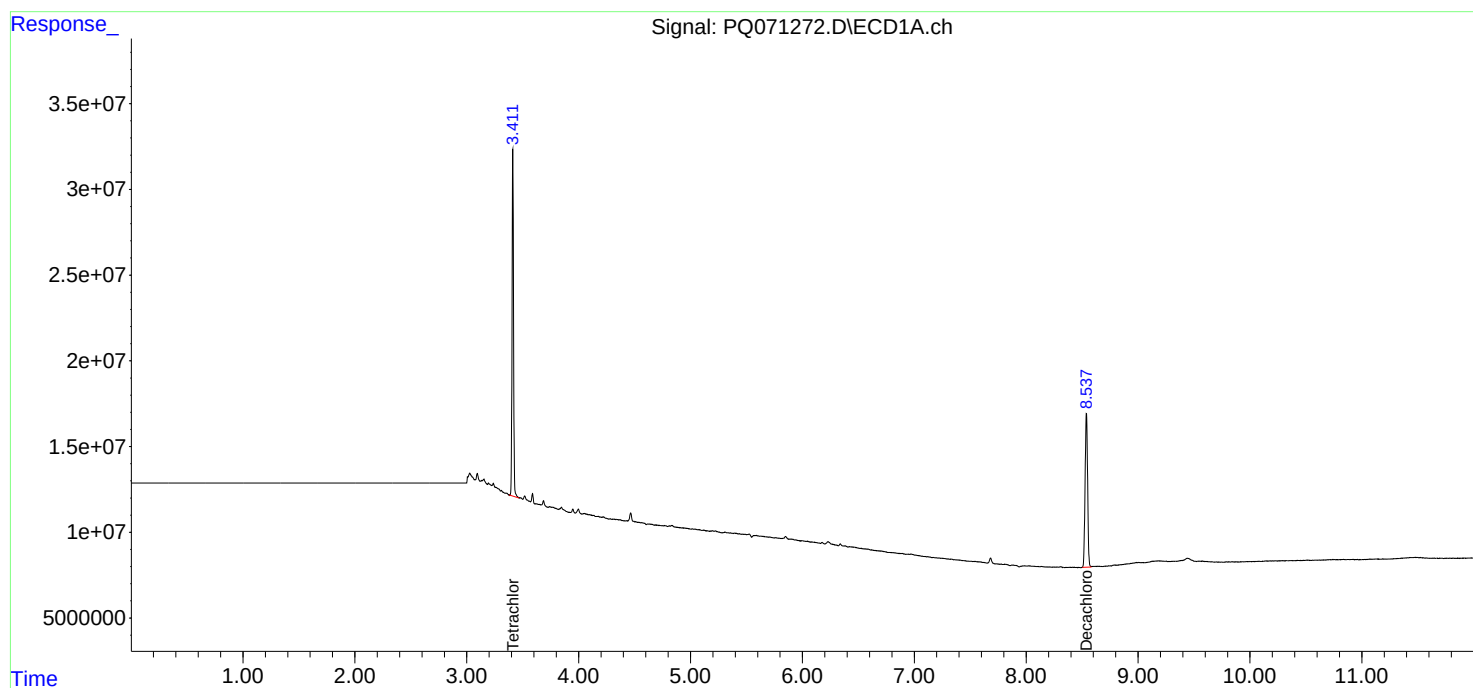
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

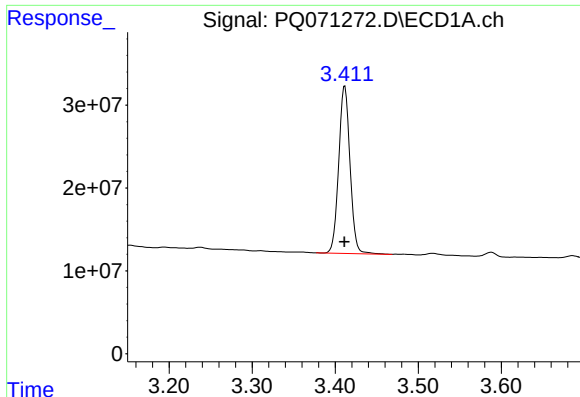
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 04:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

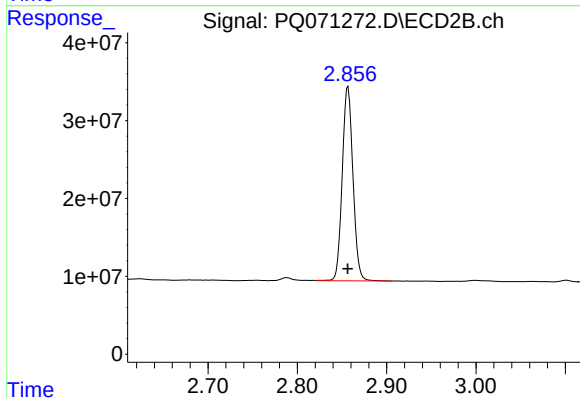




#1 Tetrachloro-m-xylene

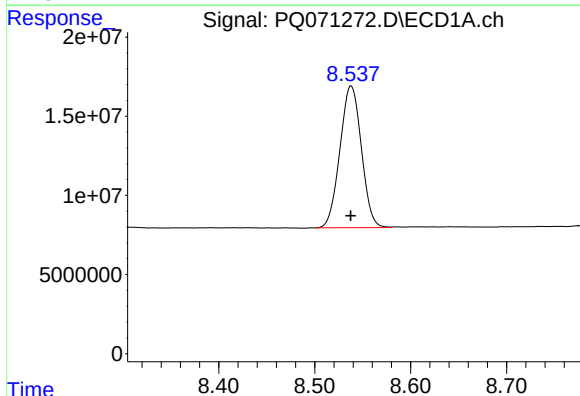
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 190802862
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



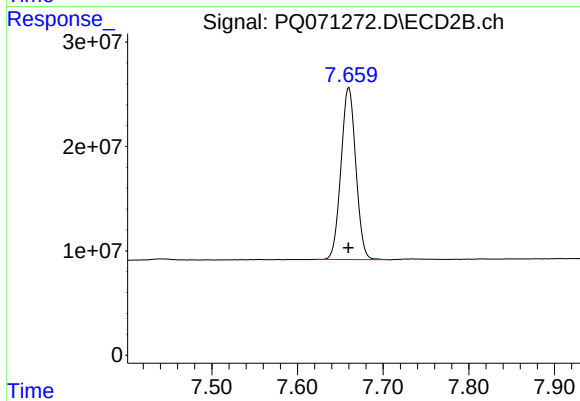
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 207437737
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 139066205
Conc: 22.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 198383710
Conc: 21.71 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/21/25	
Project: R37108	Date Received: 11/21/25	
Client Sample ID: PIBLK-PQ071419.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071419.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			60 - 140	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.7			60 - 140	109%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:32:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.425	2.853	192.1E6	241.9E6	22.067	25.907
2) SA Decachlor...	8.560	7.660	136.1E6	242.1E6	21.730	26.496

Target Compounds

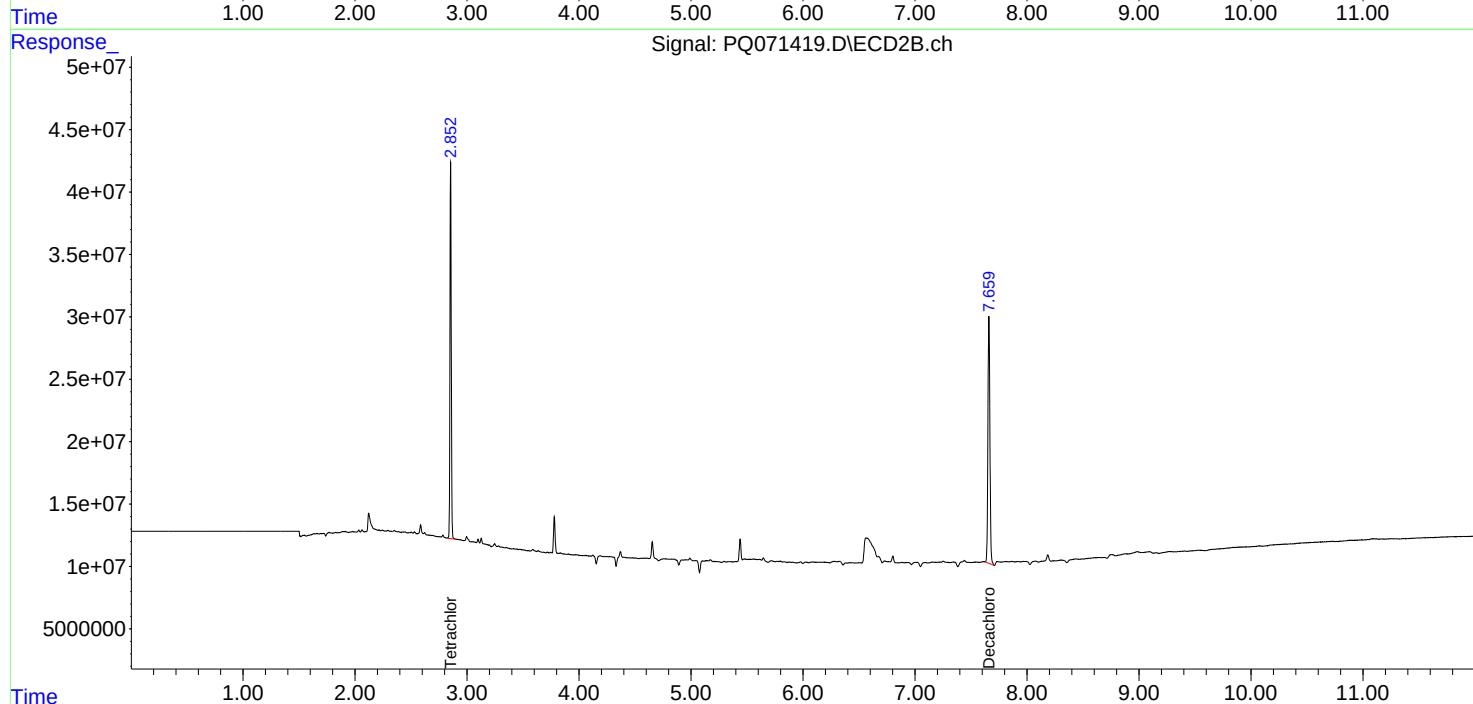
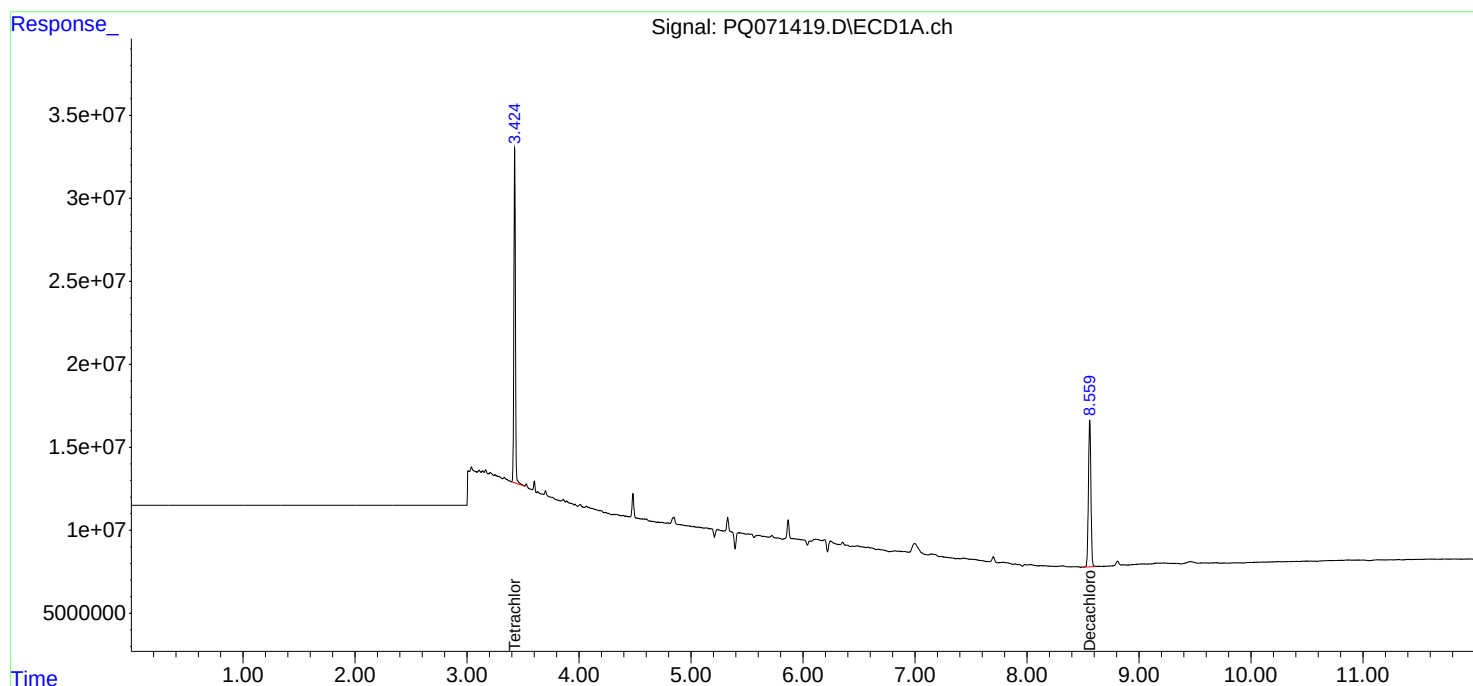
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

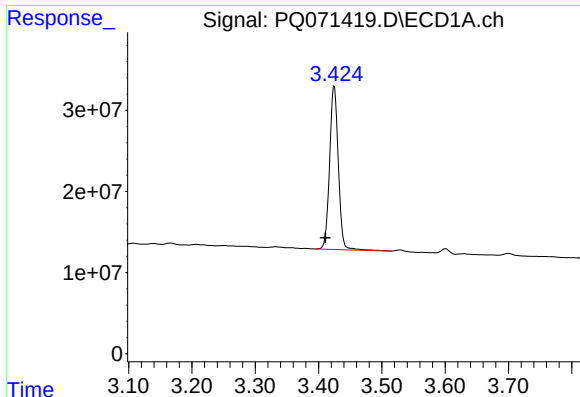
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:32:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

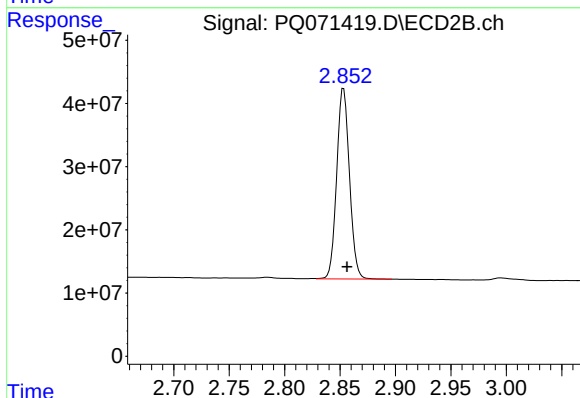




#1 Tetrachloro-m-xylene

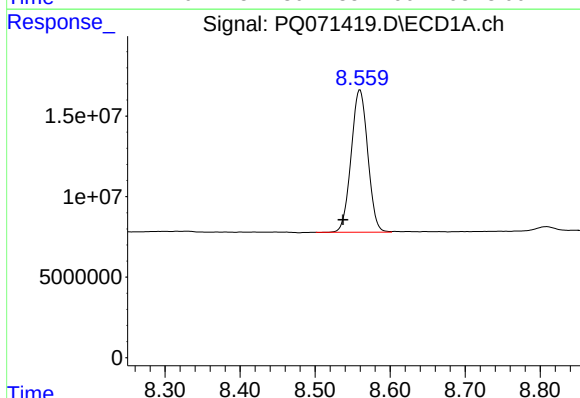
R.T.: 3.425 min
Delta R.T.: 0.014 min
Response: 192095739
Conc: 22.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



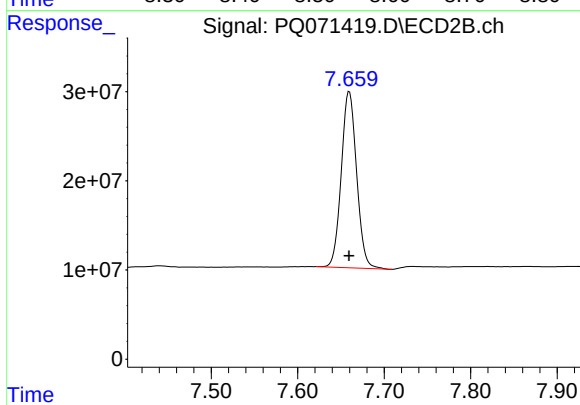
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 241883577
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.560 min
Delta R.T.: 0.022 min
Response: 136063437
Conc: 21.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 242111109
Conc: 26.50 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/21/25
Project:	R37108		Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071431.D		SDG No.:	Q3674
Lab Sample ID:	I.BLK-PQ071431.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.2			60 - 140	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			60 - 140	111%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.413	2.855	201.7E6	253.7E6	23.166	27.169
2) SA Decachlor...	8.538	7.654	139.2E6	249.4E6	22.235	27.288

Target Compounds

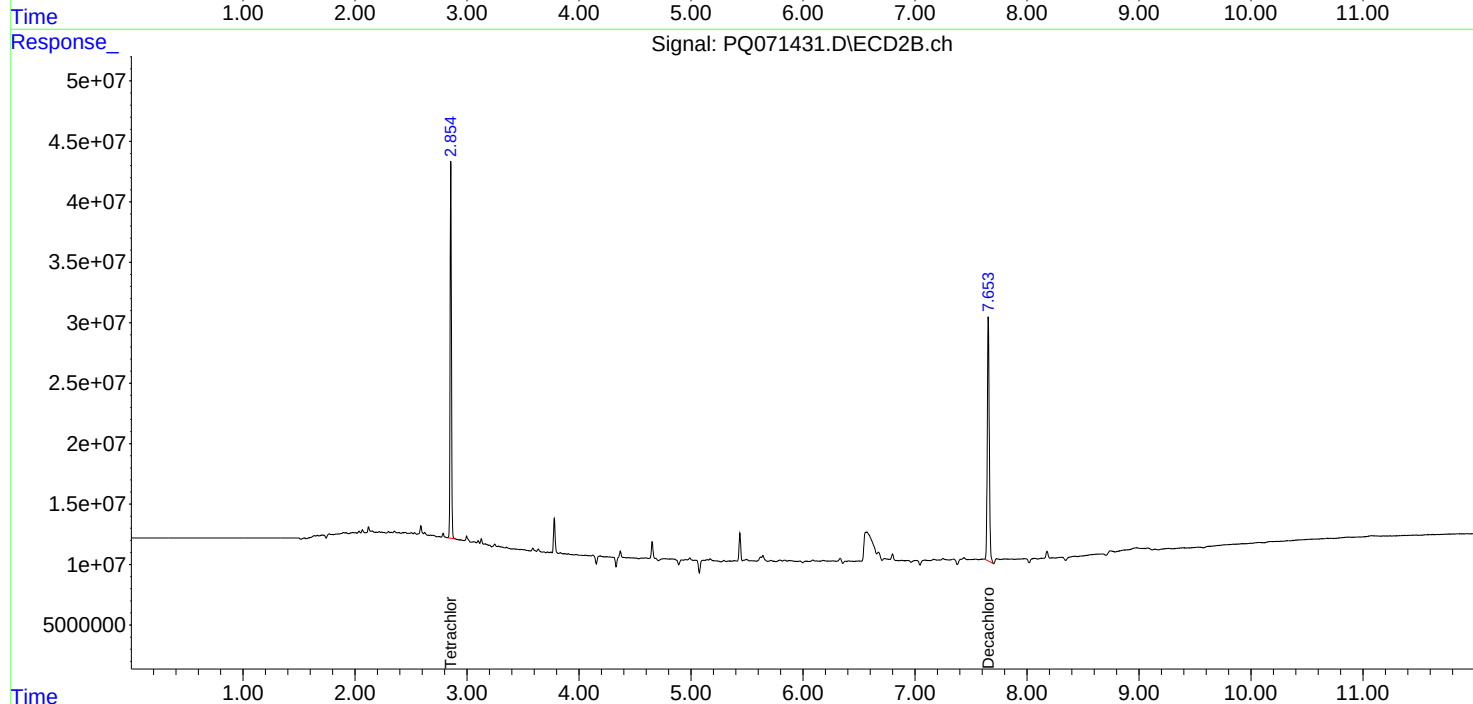
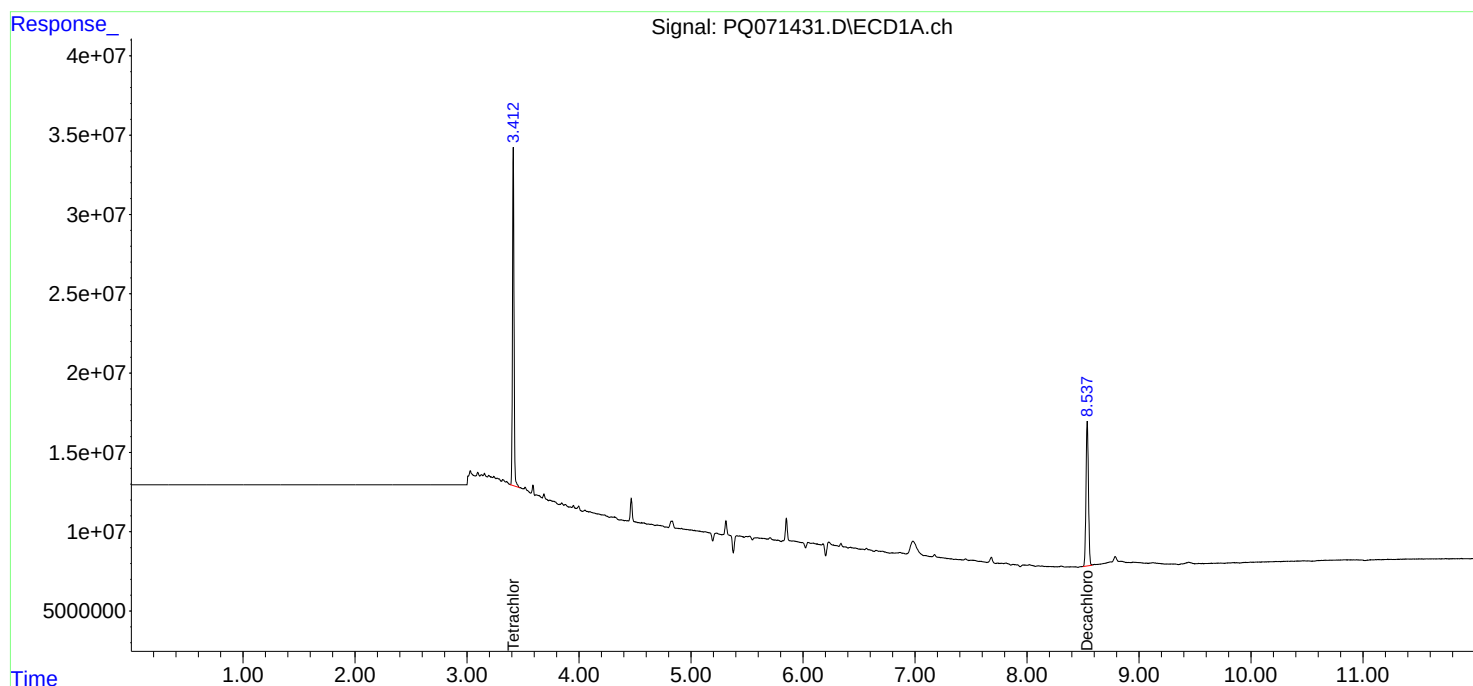
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

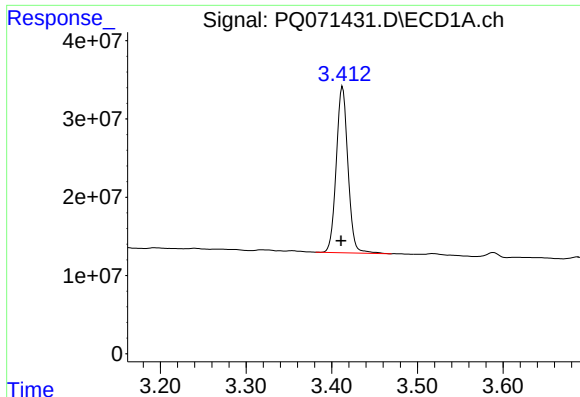
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:36:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

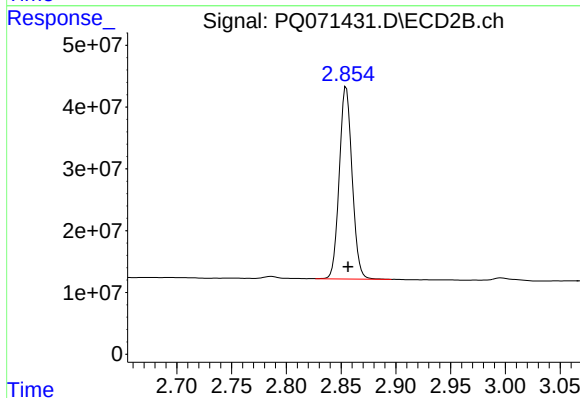




#1 Tetrachloro-m-xylene

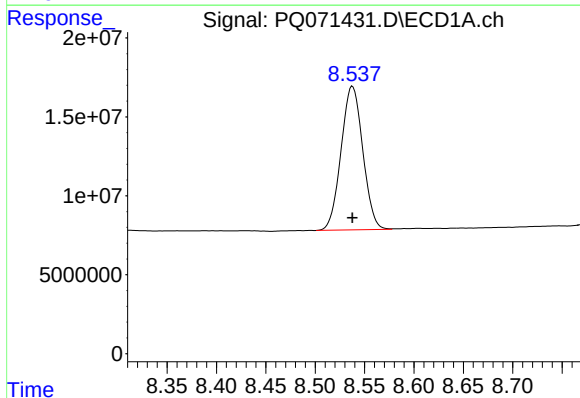
R.T.: 3.413 min
Delta R.T.: 0.002 min
Response: 201659795
Conc: 23.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



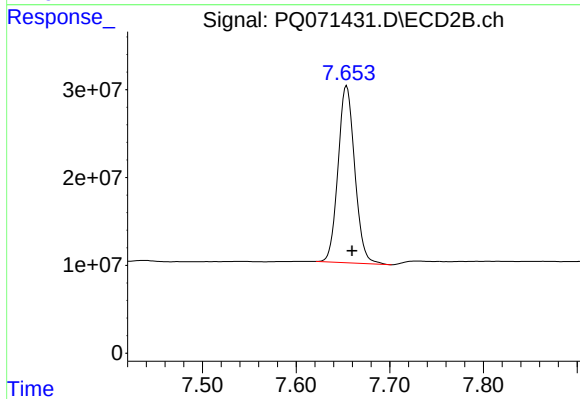
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 253669475
Conc: 27.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 139223426
Conc: 22.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 249352998
Conc: 27.29 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/21/25	
Project: R37108	Date Received: 11/21/25	
Client Sample ID: PIBLK-PQ071443.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071443.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			60 - 140	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.6			60 - 140	108%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:06
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	192.5E6	245.4E6	22.116	26.281
2) SA Decachlor...	8.536	7.654	134.9E6	241.2E6	21.545	26.395

Target Compounds

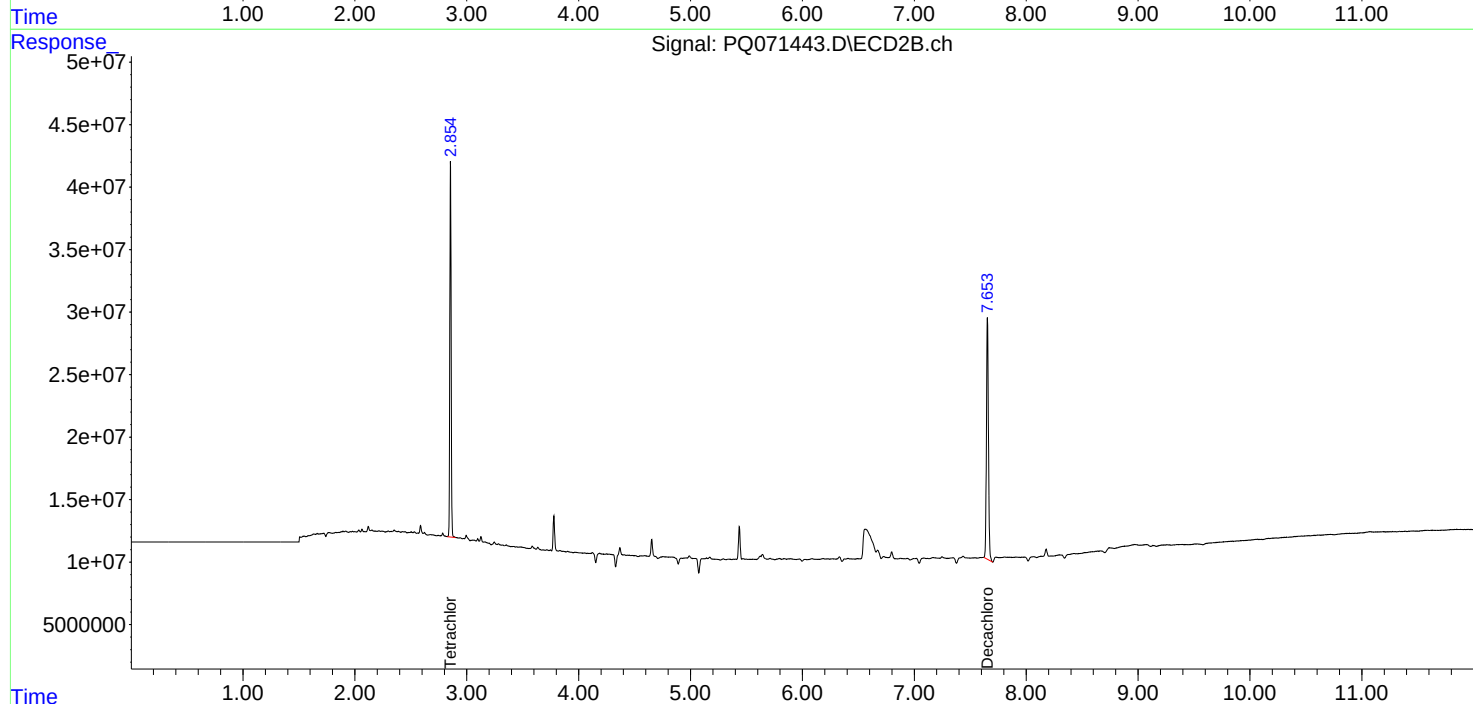
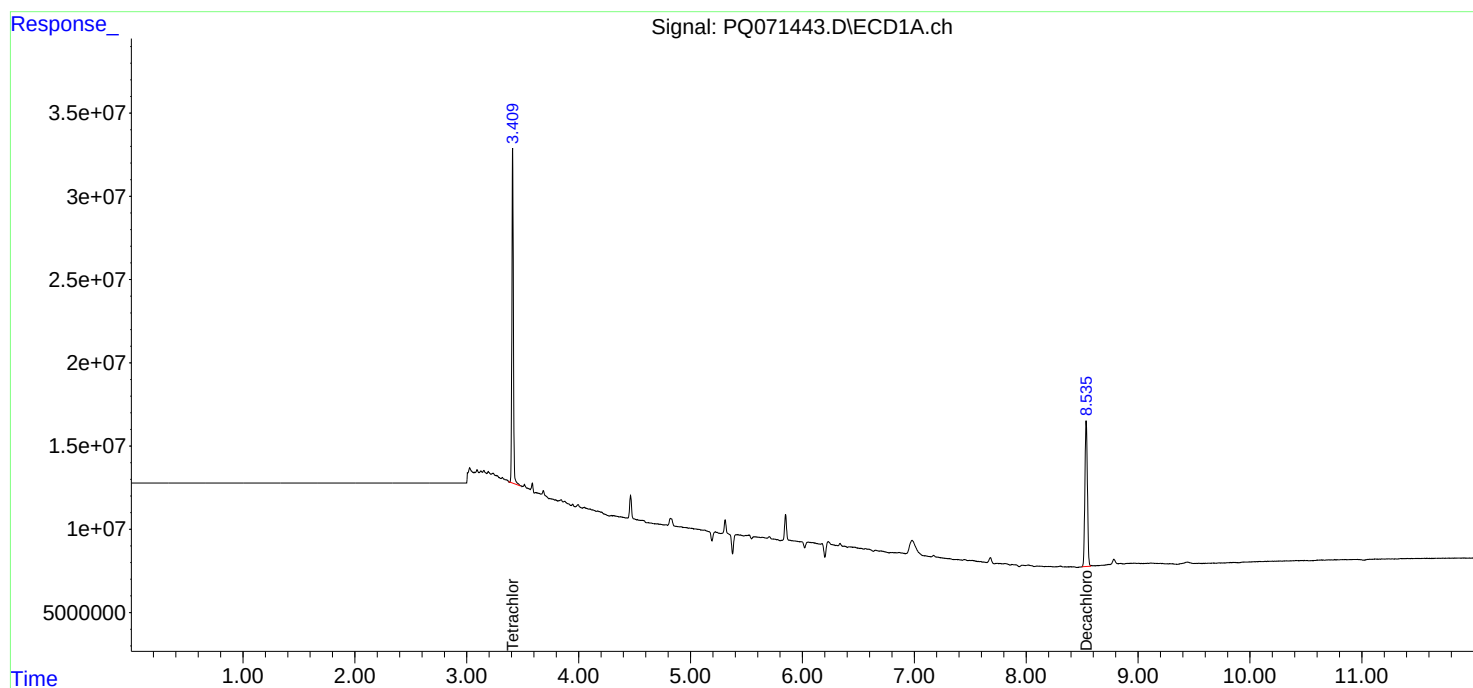
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

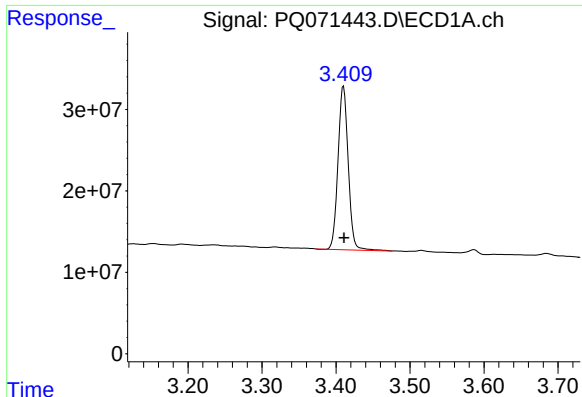
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:06
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:41:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

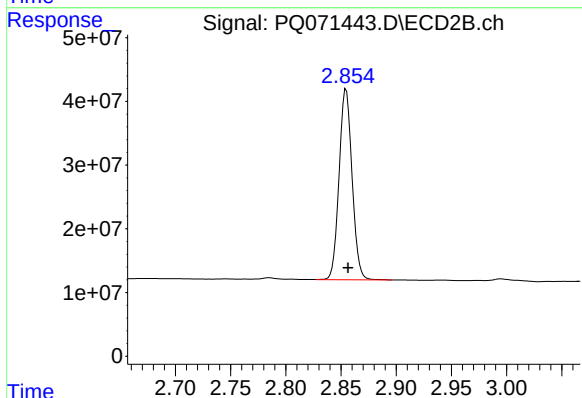




#1 Tetrachloro-m-xylene

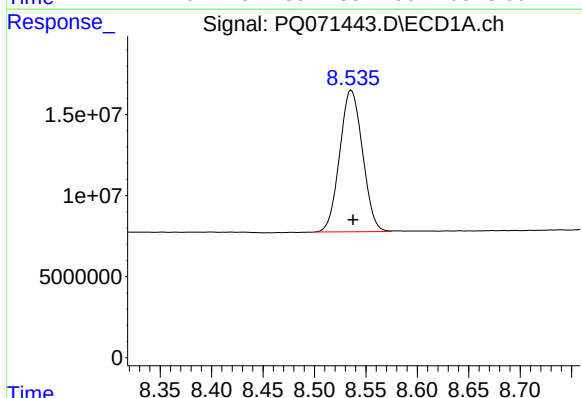
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 192522842
Conc: 22.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



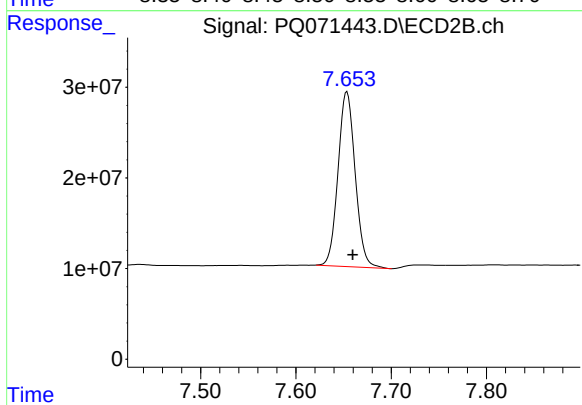
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 245376500
Conc: 26.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 134905382
Conc: 21.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 241187661
Conc: 26.39 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/21/25	
Project: R37108	Date Received: 11/21/25	
Client Sample ID: PIBLK-PQ071455.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071455.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/21/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			60 - 140	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.2			60 - 140	101%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:57:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.855	189.4E6	204.9E6	21.761	21.950
2) SA Decachlor...	8.535	7.653	131.3E6	184.9E6	20.967	20.238

Target Compounds

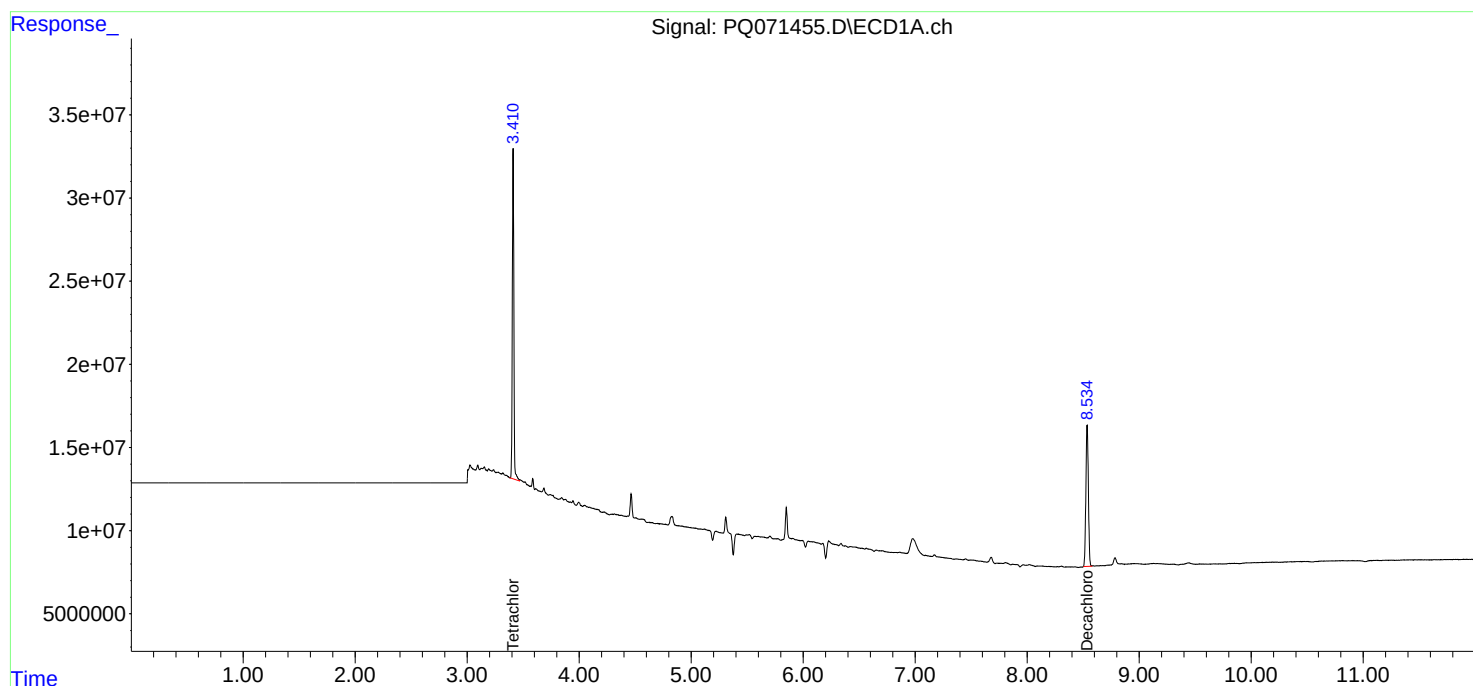
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 00:57:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

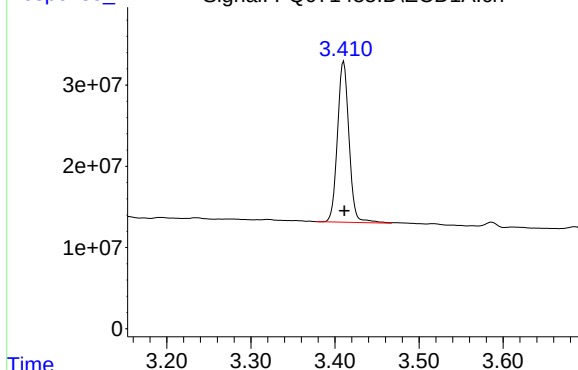
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_

Signal: PQ071455.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 189432079
Conc: 21.76 ng/ml

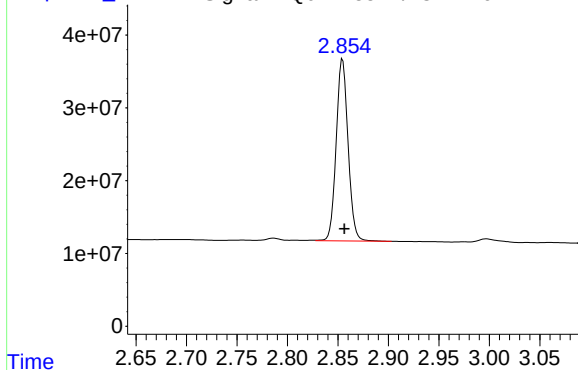
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Time

Response_

Signal: PQ071455.D\ECD2B.ch

#1 Tetrachloro-m-xylene



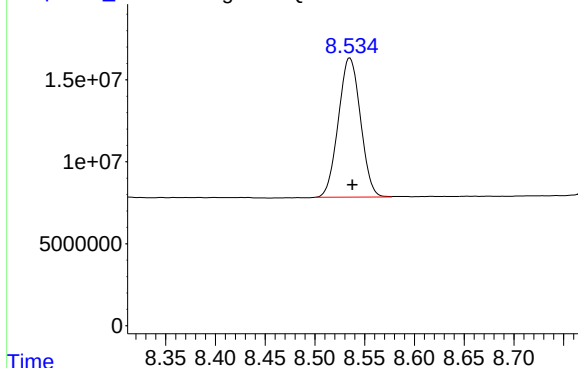
R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 204938382
Conc: 21.95 ng/ml

Time

Response_

Signal: PQ071455.D\ECD1A.ch

#2 Decachlorobiphenyl



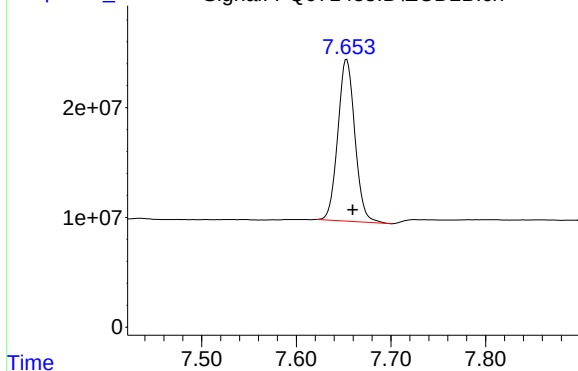
R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 131284548
Conc: 20.97 ng/ml

Time

Response_

Signal: PQ071455.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 184931211
Conc: 20.24 ng/ml

Time

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/24/25
Project:	R37108		Date Received:	11/24/25
Client Sample ID:	PIBLK-PQ071475.D		SDG No.:	Q3674
Lab Sample ID:	I.BLK-PQ071475.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/24/25	PQ112425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/24/25	PQ112425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/24/25	PQ112425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/24/25	PQ112425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/24/25	PQ112425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/24/25	PQ112425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/24/25	PQ112425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/24/25	PQ112425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/24/25	PQ112425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			60 - 140	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.5			60 - 140	107%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 10:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:11:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.854	209.9E6	217.0E6	24.115	23.245
2) SA Decachlor...	8.539	7.654	150.2E6	196.1E6	23.986	21.457

Target Compounds

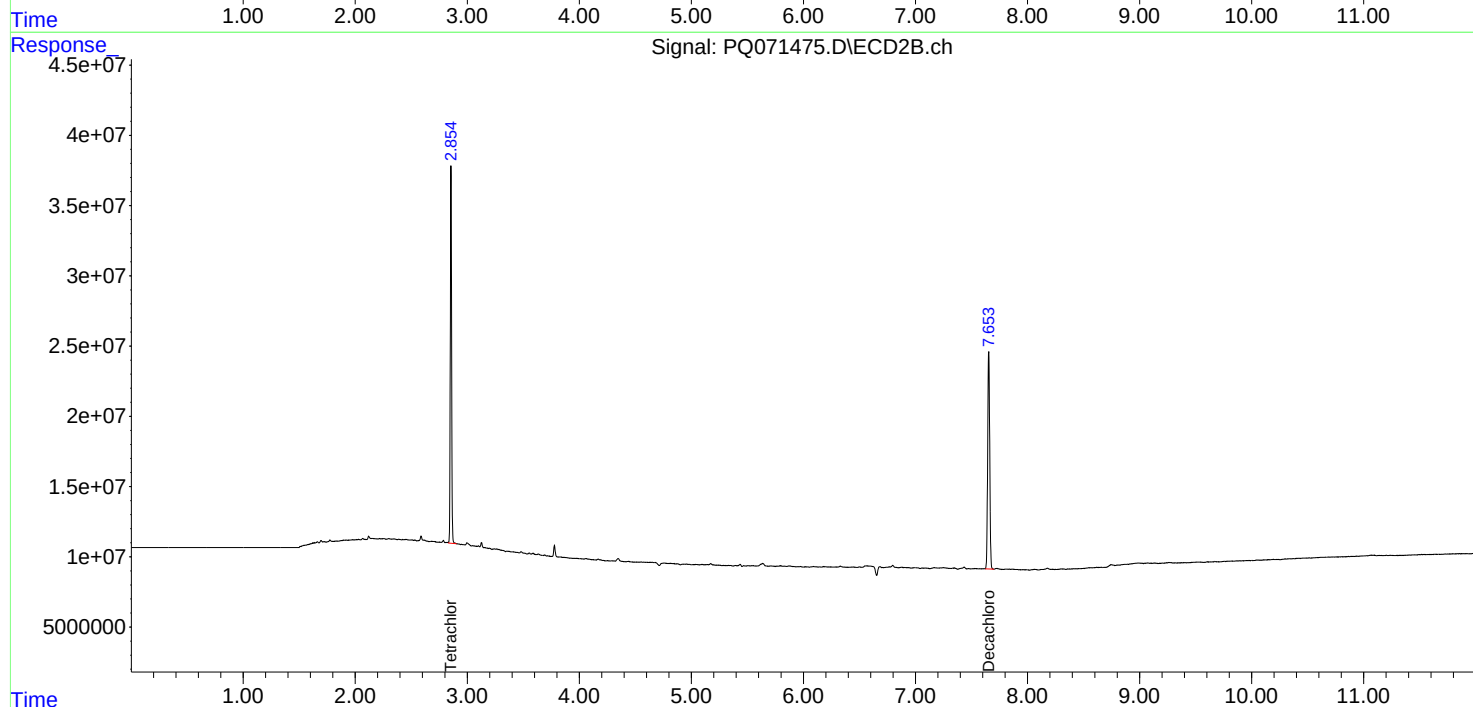
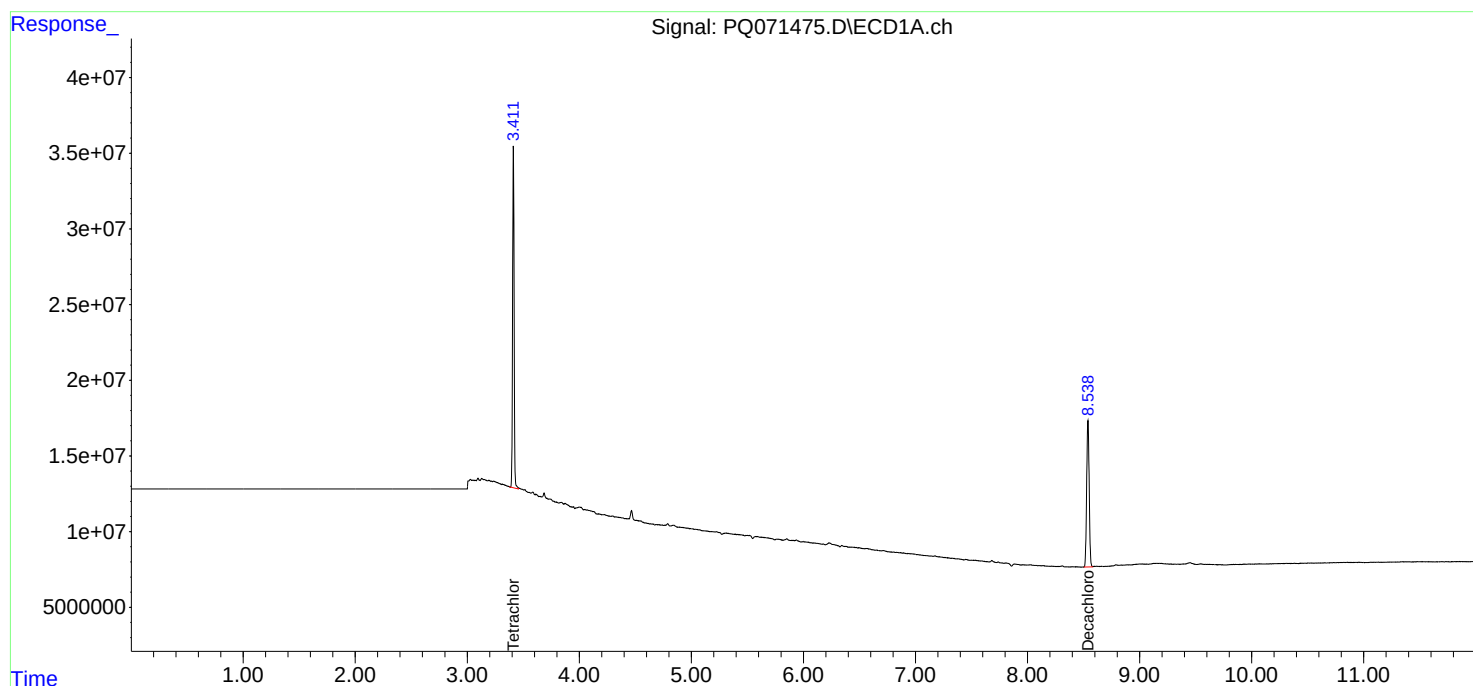
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

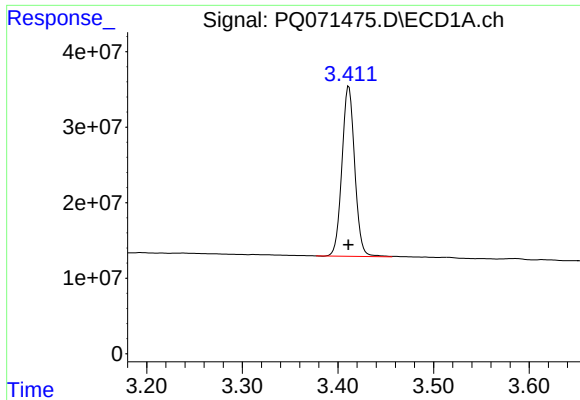
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 10:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:11:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

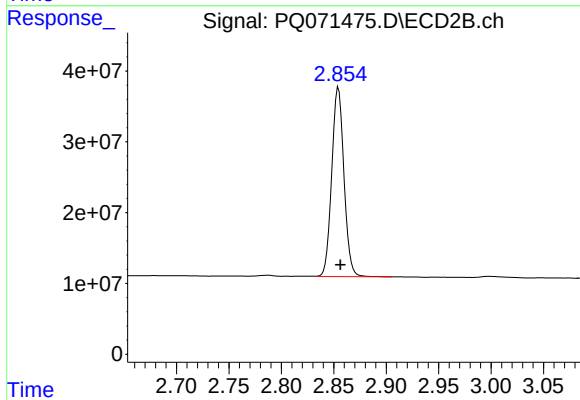




#1 Tetrachloro-m-xylene

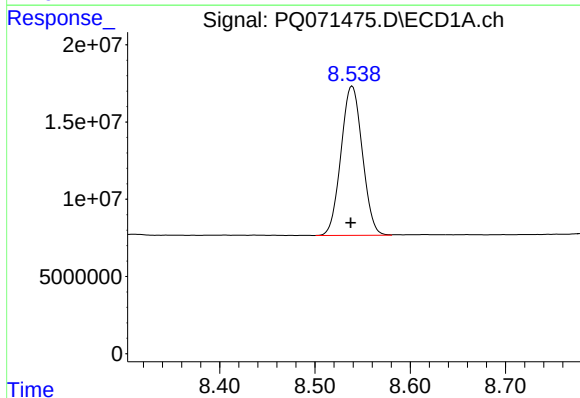
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 209922816
Conc: 24.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



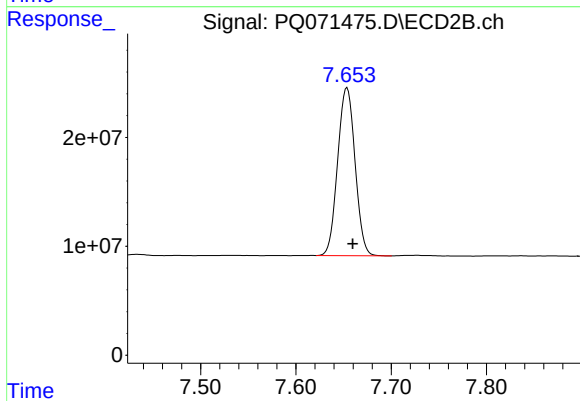
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 217031884
Conc: 23.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.539 min
Delta R.T.: 0.002 min
Response: 150186478
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 196066516
Conc: 21.46 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/24/25	
Project: R37108	Date Received: 11/24/25	
Client Sample ID: PIBLK-PQ071487.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071487.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/24/25	pq112425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/24/25	pq112425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/24/25	pq112425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/24/25	pq112425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/24/25	pq112425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/24/25	pq112425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/24/25	pq112425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/24/25	pq112425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/24/25	pq112425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			60 - 140	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.2			60 - 140	101%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 15:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:39:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	205.8E6	221.7E6	23.636	23.741
2) SA Decachlor...	8.536	7.652	141.6E6	184.3E6	22.611	20.172

Target Compounds

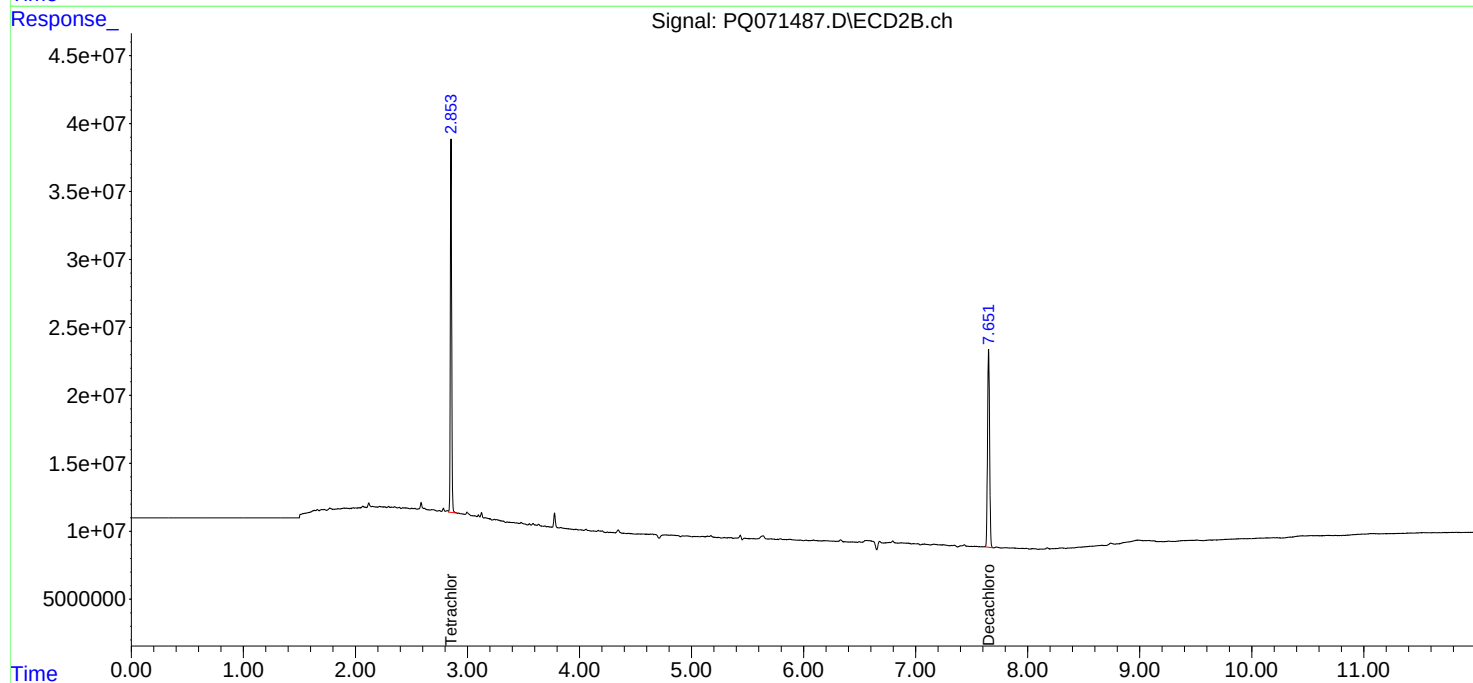
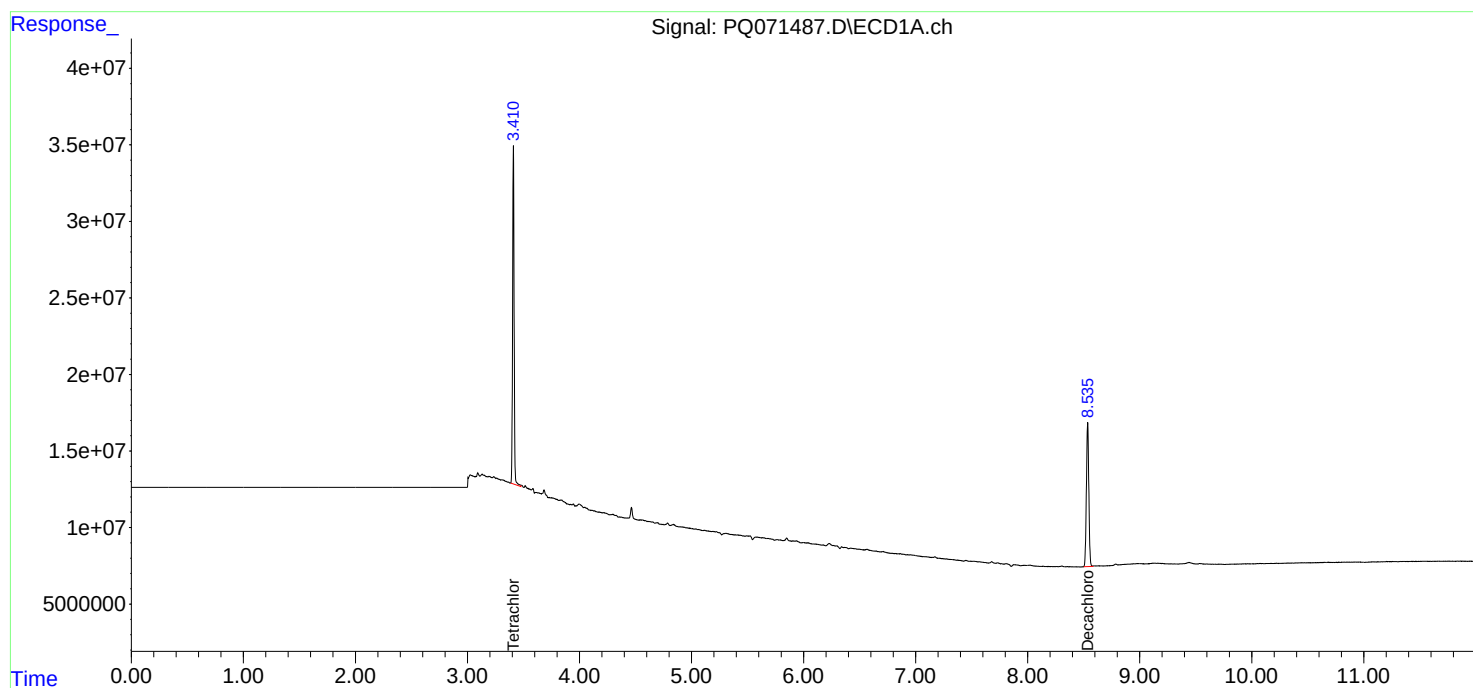
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

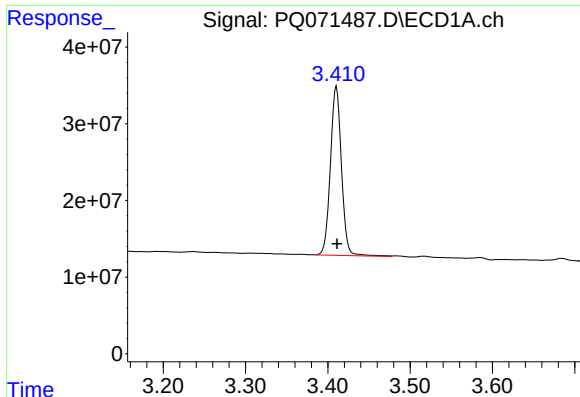
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 15:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:39:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

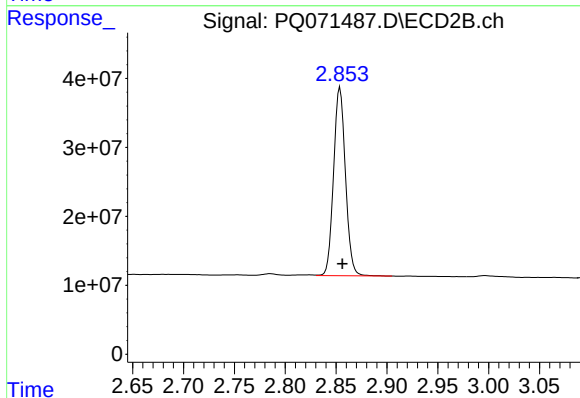




#1 Tetrachloro-m-xylene

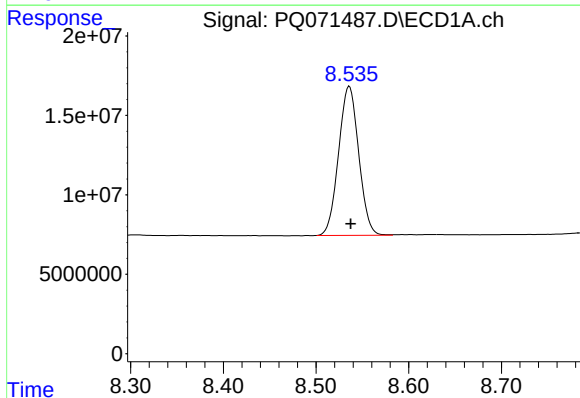
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 205754831
Conc: 23.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



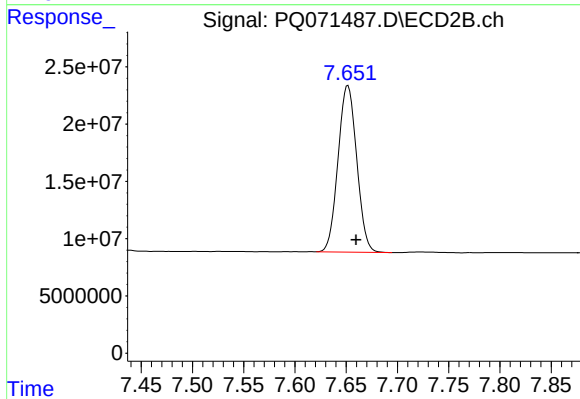
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 221659248
Conc: 23.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 141576956
Conc: 22.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 184323792
Conc: 20.17 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/24/25	
Project: R37108	Date Received: 11/24/25	
Client Sample ID: PIBLK-PQ071497.D	SDG No.: Q3674	
Lab Sample ID: I.BLK-PQ071497.D	Matrix: WATER	
Analytical Method: 8082A	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: PCB	Final Vol: 10000 uL
Prep Method: 5030	Prep Date:	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	11/24/25	pq112425
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/24/25	pq112425
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/24/25	pq112425
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/24/25	pq112425
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/24/25	pq112425
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/24/25	pq112425
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/24/25	pq112425
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/24/25	pq112425
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/24/25	pq112425
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.3			60 - 140	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.1			60 - 140	110%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 19:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:40:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.853	211.2E6	230.8E6	24.266	24.720
2) SA Decachlor...	8.535	7.652	149.9E6	201.8E6	23.936	22.079

Target Compounds

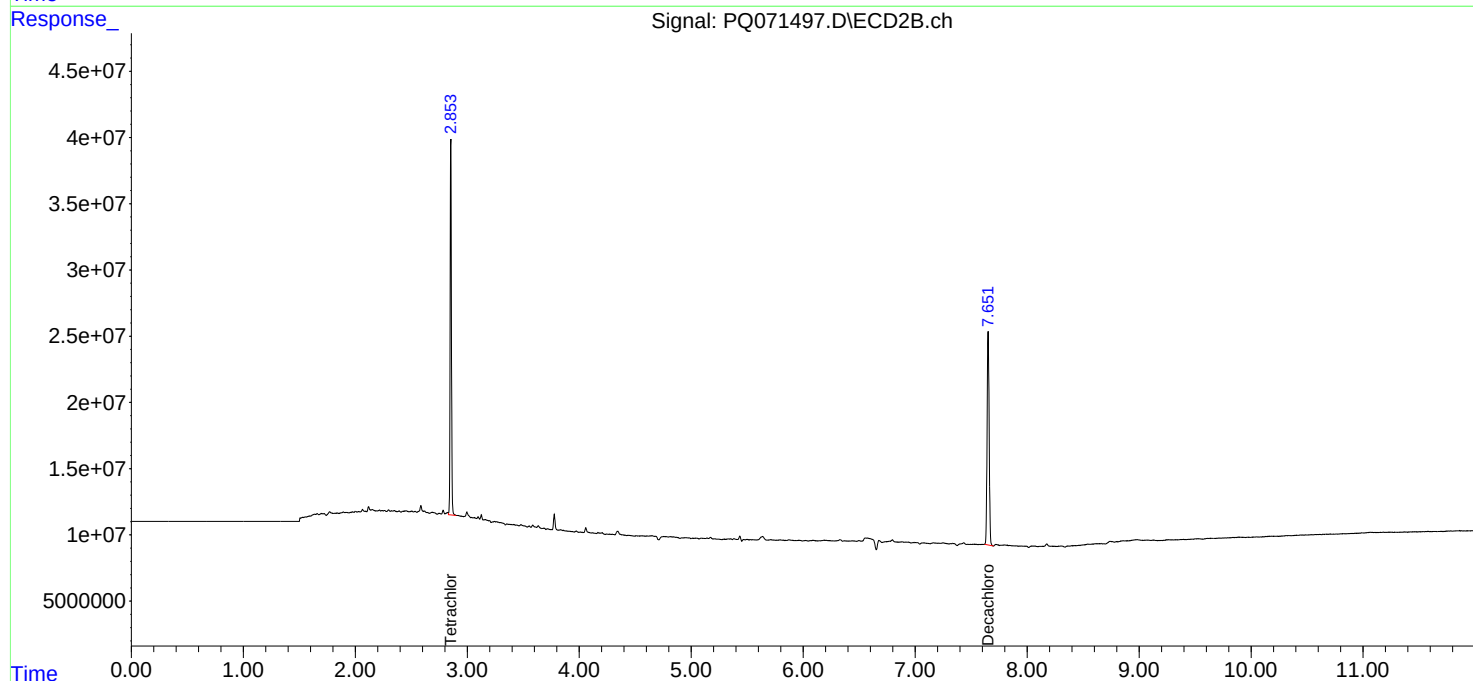
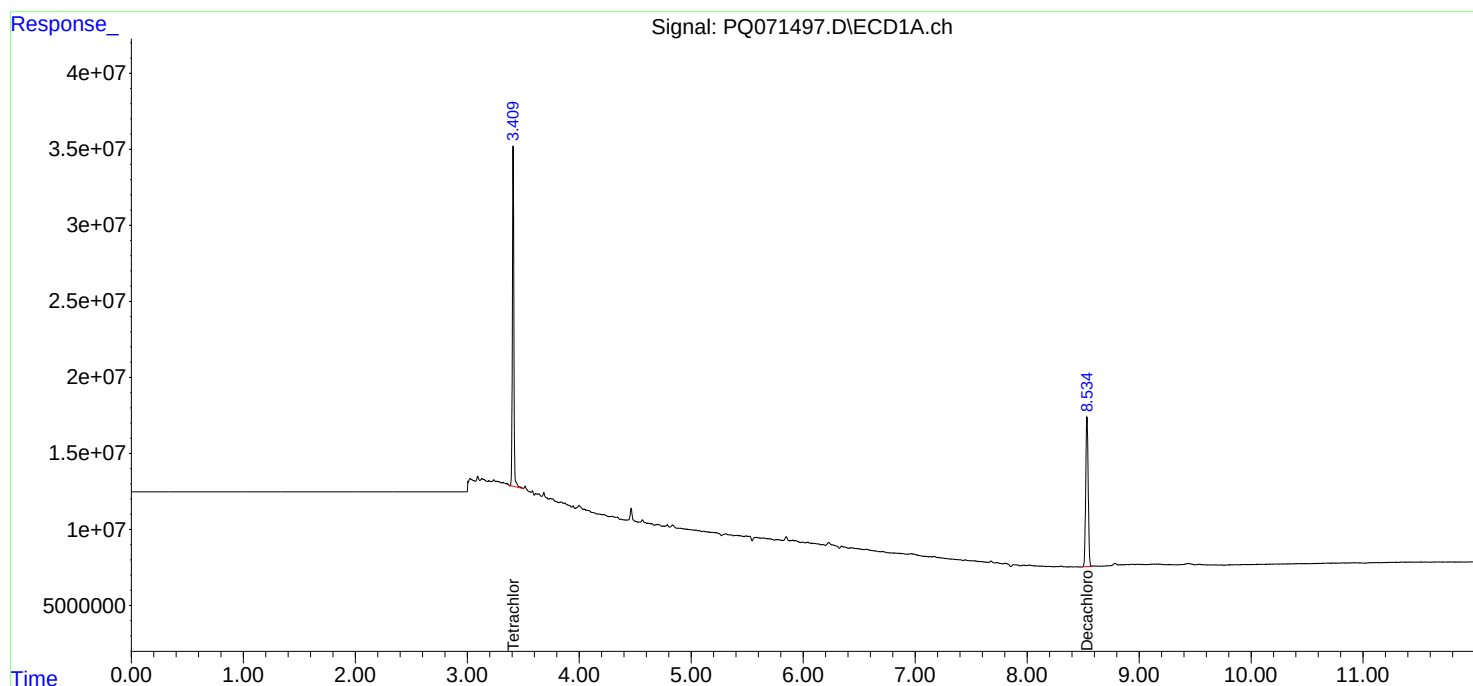
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

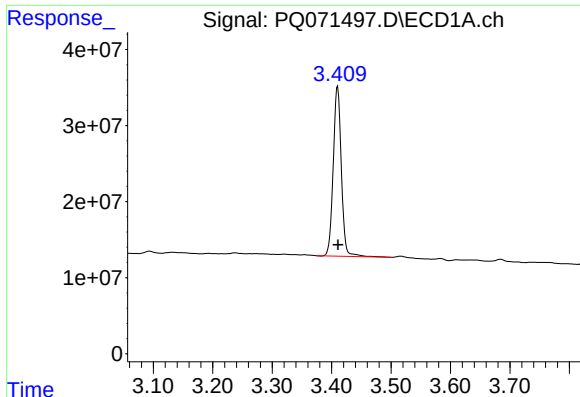
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 19:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:40:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

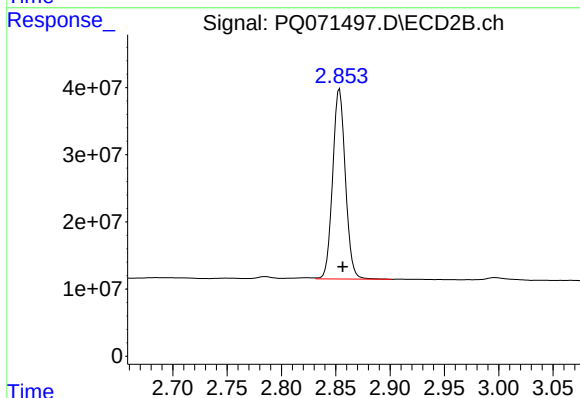




#1 Tetrachloro-m-xylene

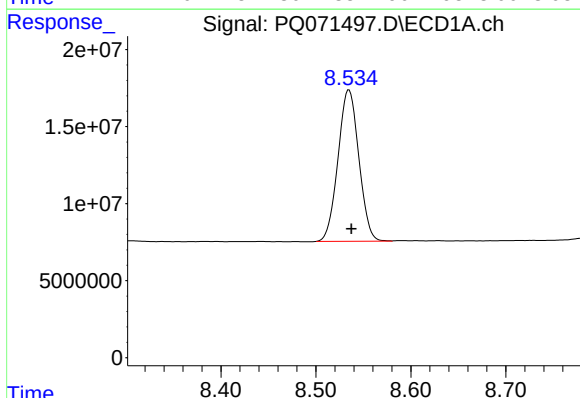
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 211241499
Conc: 24.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



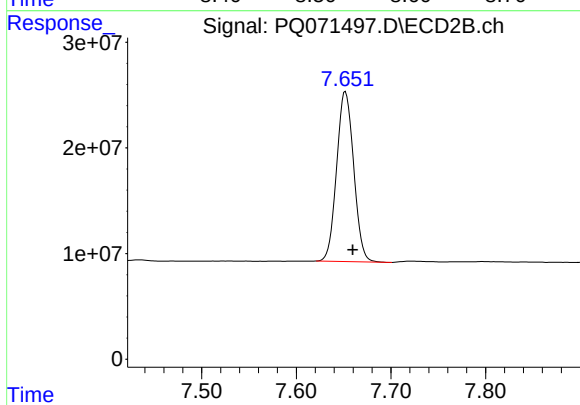
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 230806950
Conc: 24.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 149875603
Conc: 23.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.008 min
Response: 201751750
Conc: 22.08 ng/ml

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	
Project:	R37108		Date Received:	
Client Sample ID:	PB170671BS		SDG No.:	Q3674
Lab Sample ID:	PB170671BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date: 11/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	173		1	3.90	17.0	ug/kg	11/21/25 14:28	PB170671
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/21/25 14:28	PB170671
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/21/25 14:28	PB170671
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/21/25 14:28	PB170671
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/21/25 14:28	PB170671
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/21/25 14:28	PB170671
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/21/25 14:28	PB170671
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/21/25 14:28	PB170671
11096-82-5	Aroclor-1260	173		1	3.20	17.0	ug/kg	11/21/25 14:28	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.8			21 - 165	134%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.4			10 - 170	137%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:28
Operator : YP\AJ
Sample : PB170671BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170671BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	207.2E6	250.6E6	23.802	26.840
2) SA Decachlor...	8.536	7.654	146.4E6	250.7E6	23.380	27.440
Target Compounds						
3) L1 AR-1016-1	4.496	3.868	150.6E6	189.9E6	455.465	524.543
4) L1 AR-1016-2	4.515	3.884	219.8E6	263.8E6	462.076	537.141
5) L1 AR-1016-3	4.572	4.046	133.3E6	145.9E6	446.688	524.752
6) L1 AR-1016-4	4.662	4.095	110.9E6	113.4E6	451.515	505.627
7) L1 AR-1016-5	4.948	4.292	104.1E6	142.9E6	440.127	512.972
31) L7 AR-1260-1	6.042	5.293	197.7E6	270.5E6	441.854	542.139
32) L7 AR-1260-2	6.299	5.483	238.6E6	332.6E6	467.098	548.525
33) L7 AR-1260-3	6.652	5.626	148.2E6	328.4E6	387.120	555.414 #
34) L7 AR-1260-4	6.866	6.090	171.9E6	235.0E6	410.985	474.326
35) L7 AR-1260-5	7.174	6.334	340.3E6	540.1E6	408.874	470.363

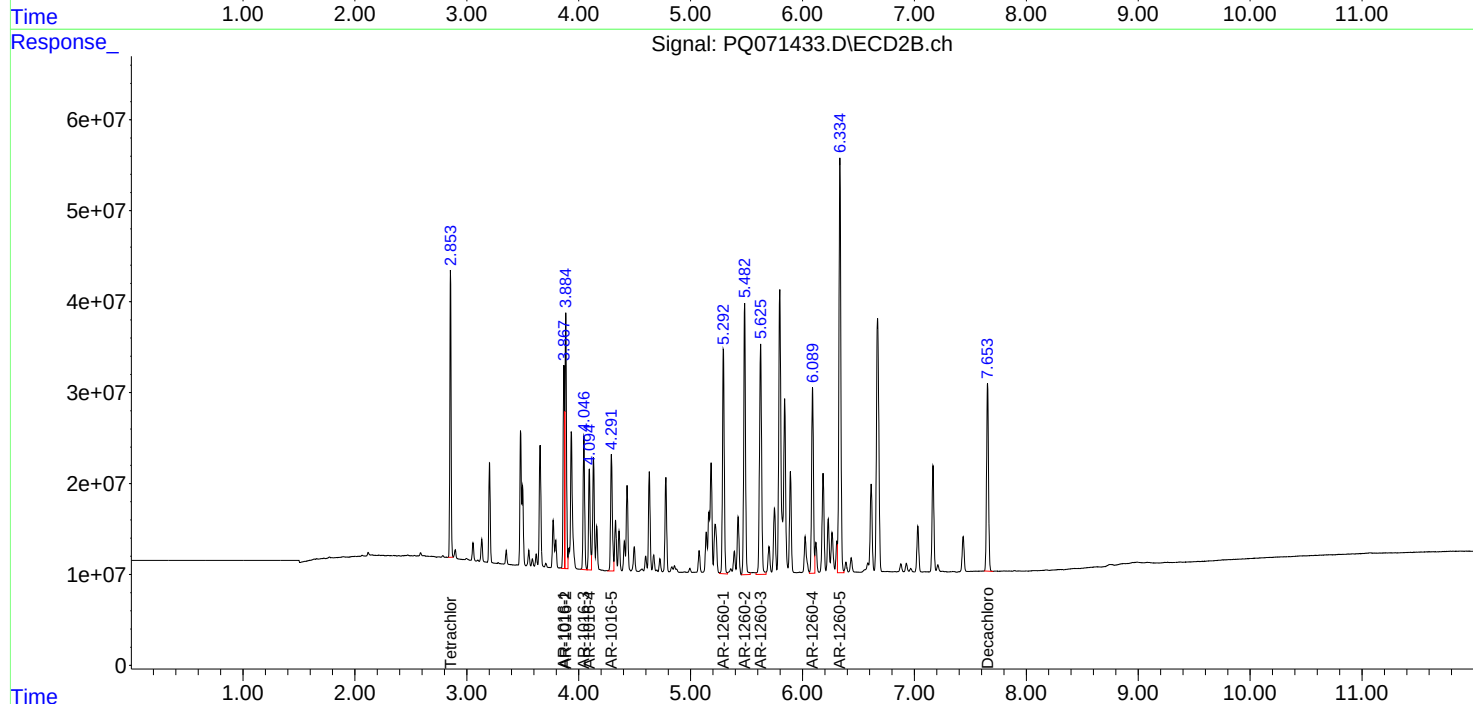
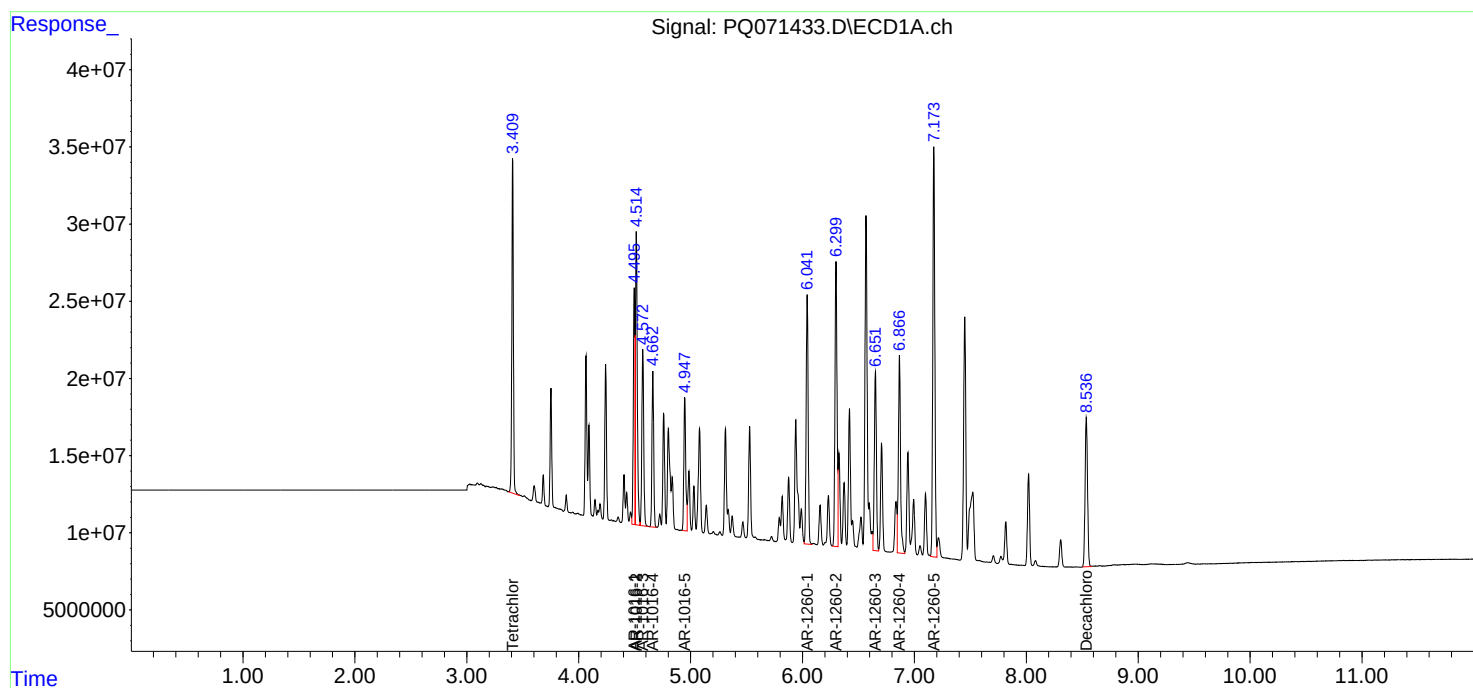
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

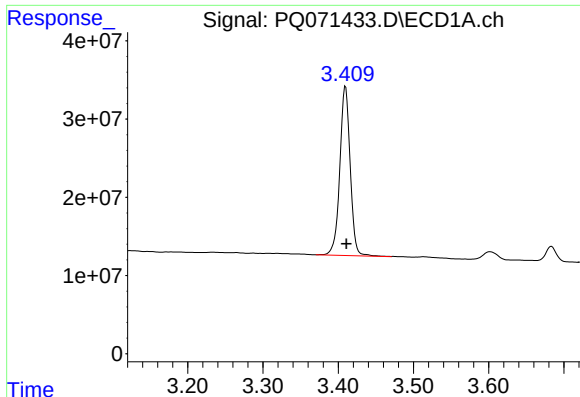
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:28
Operator : YP\AJ
Sample : PB170671BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170671BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

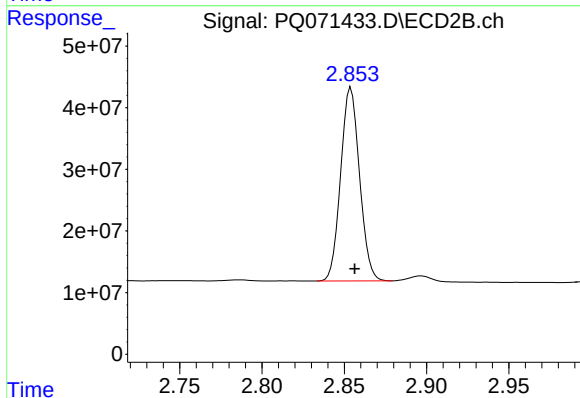




#1 Tetrachloro-m-xylene

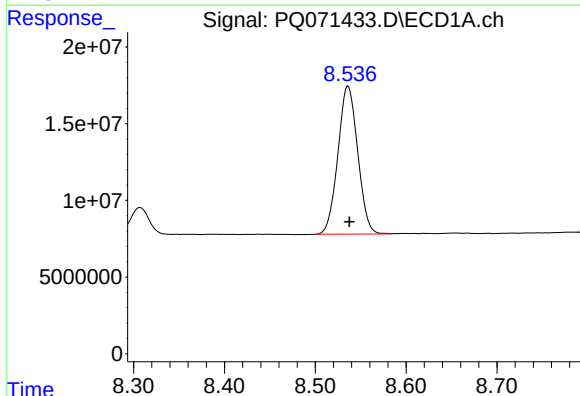
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 207203890
Conc: 23.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS



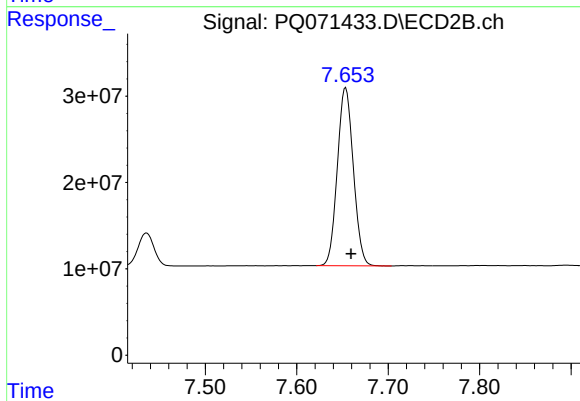
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 250598472
Conc: 26.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 146395839
Conc: 23.38 ng/ml

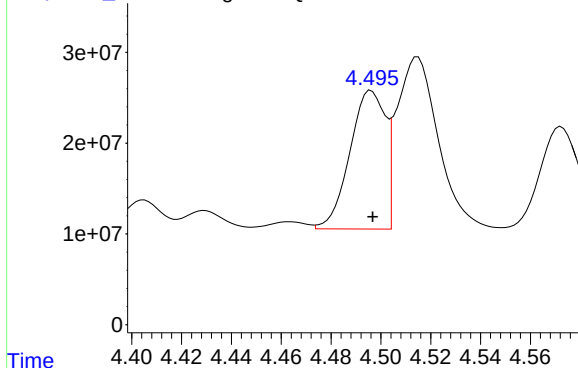


#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 250742177
Conc: 27.44 ng/ml

Response_ Signal: PQ071433.D\ECD1A.ch

#3 AR-1016-1

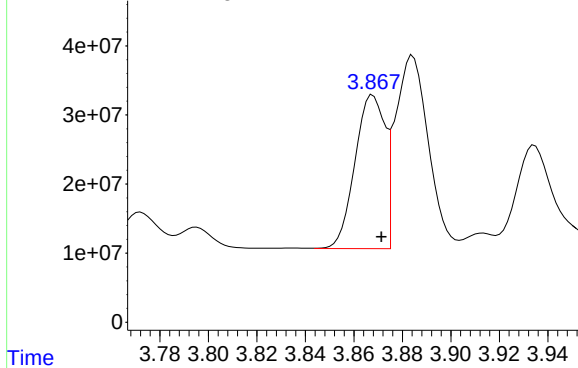


R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 150553772
Conc: 455.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS

Time Response_ Signal: PQ071433.D\ECD2B.ch

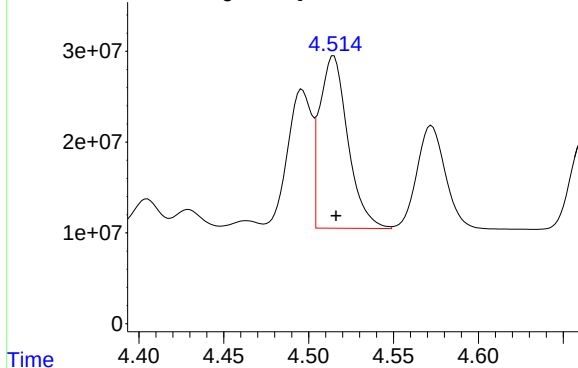
#3 AR-1016-1



R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 189948960
Conc: 524.54 ng/ml

Time Response_ Signal: PQ071433.D\ECD1A.ch

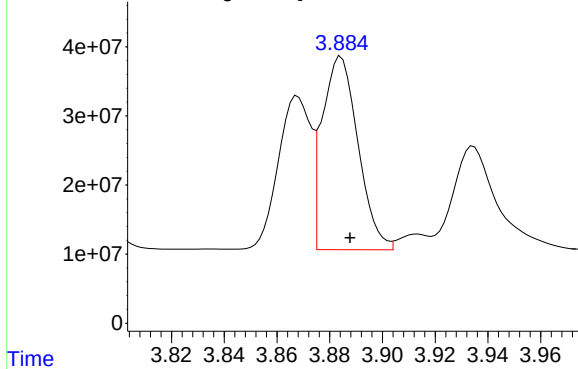
#4 AR-1016-2



R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 219772543
Conc: 462.08 ng/ml

Time Response_ Signal: PQ071433.D\ECD2B.ch

#4 AR-1016-2



R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 263833996
Conc: 537.14 ng/ml

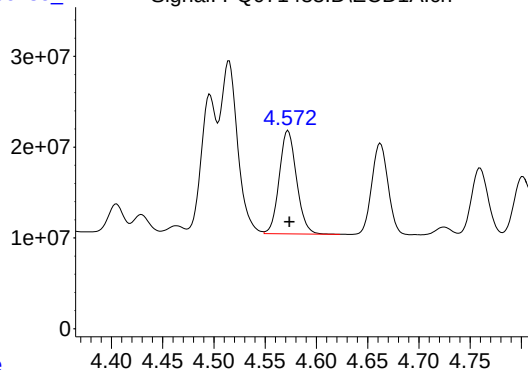
Response_

Signal: PQ071433.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 133317751
Conc: 446.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS



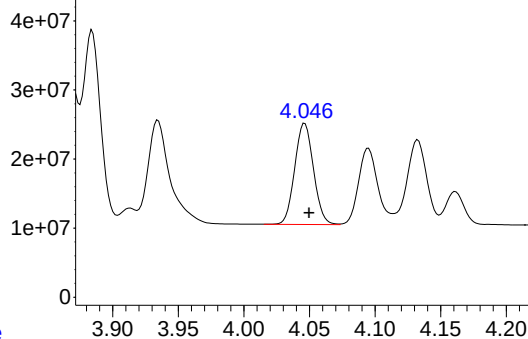
Time

Response_

Signal: PQ071433.D\ECD2B.ch

#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 145876621
Conc: 524.75 ng/ml



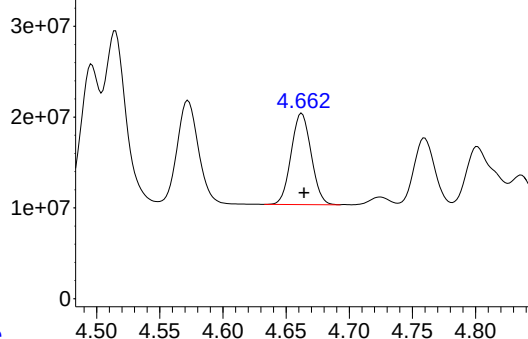
Time

Response_

Signal: PQ071433.D\ECD1A.ch

#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 110868146
Conc: 451.51 ng/ml



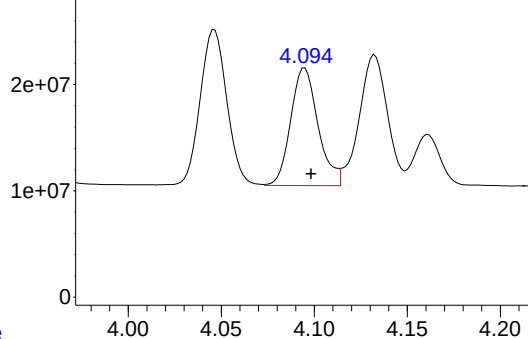
Time

Response_

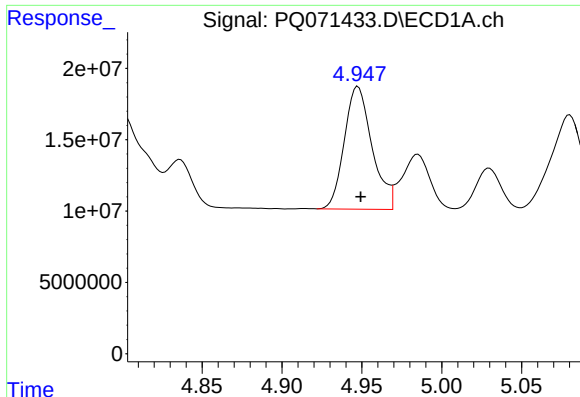
Signal: PQ071433.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 113385879
Conc: 505.63 ng/ml



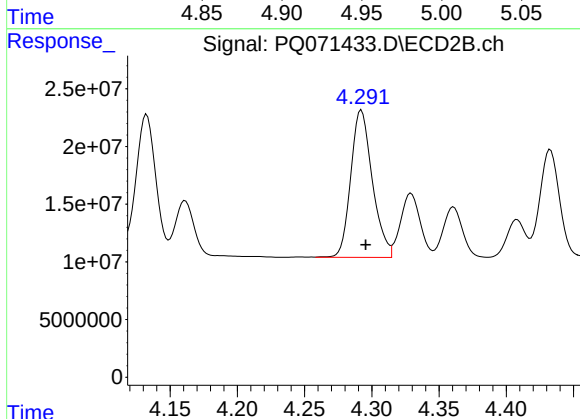
Time



#7 AR-1016-5

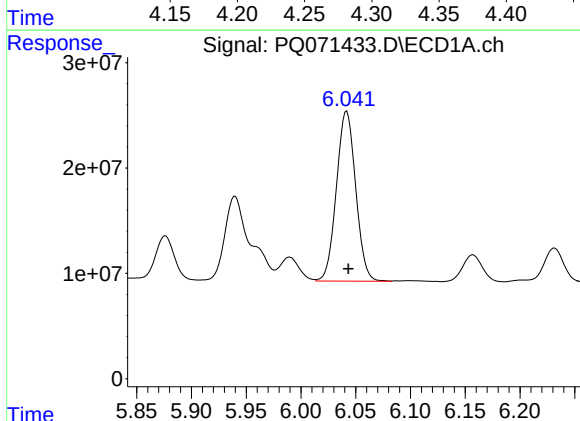
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 104052454
Conc: 440.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS



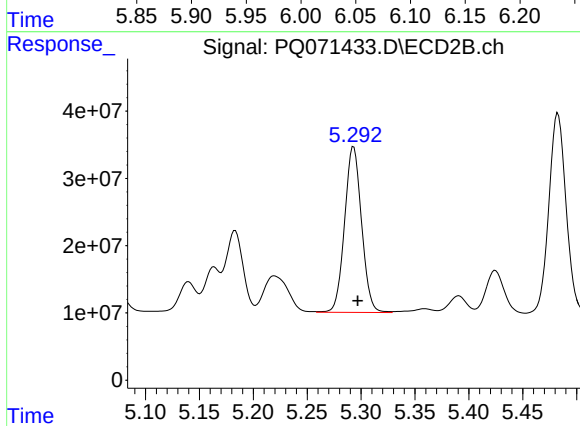
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 142897694
Conc: 512.97 ng/ml



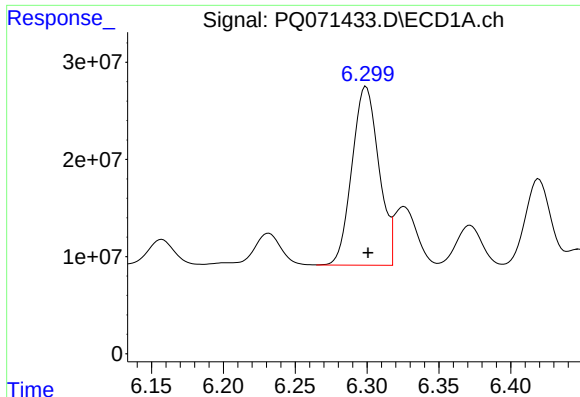
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 197728391
Conc: 441.85 ng/ml



#31 AR-1260-1

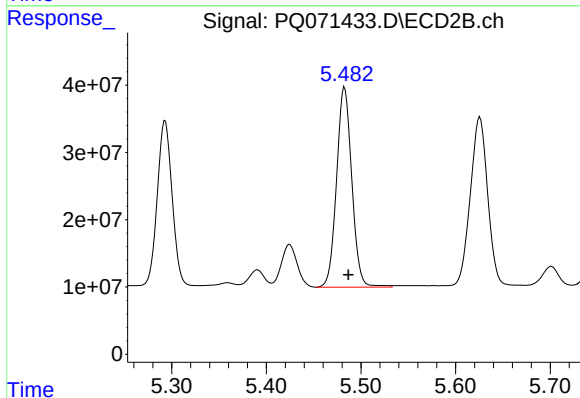
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 270487814
Conc: 542.14 ng/ml



#32 AR-1260-2

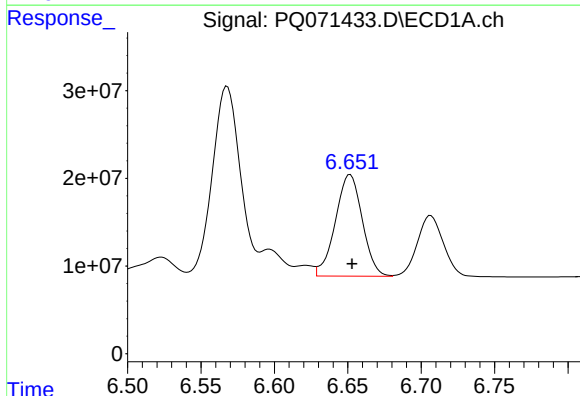
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 238647014
Conc: 467.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS



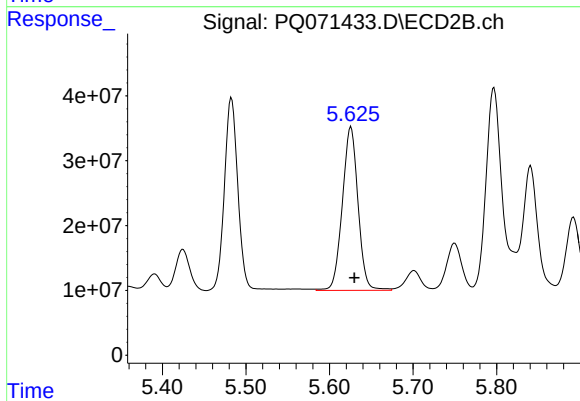
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 332612512
Conc: 548.53 ng/ml



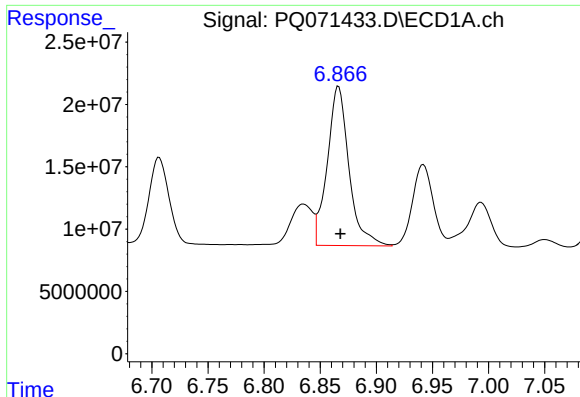
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 148163730
Conc: 387.12 ng/ml



#33 AR-1260-3

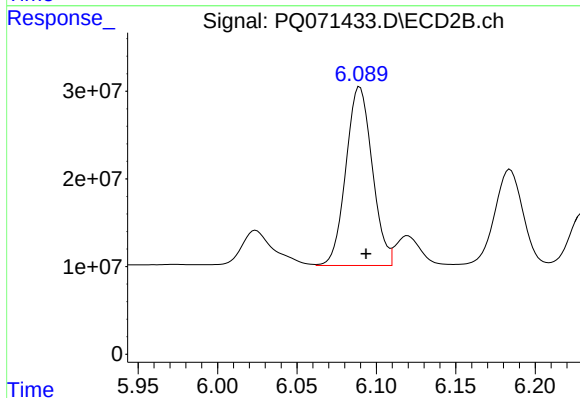
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 328351700
Conc: 555.41 ng/ml



#34 AR-1260-4

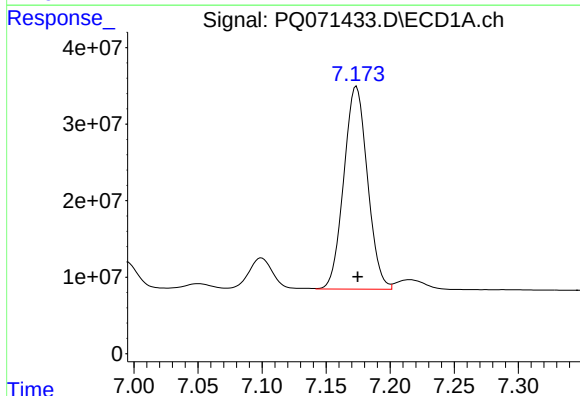
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 171851112
Conc: 410.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170671BS



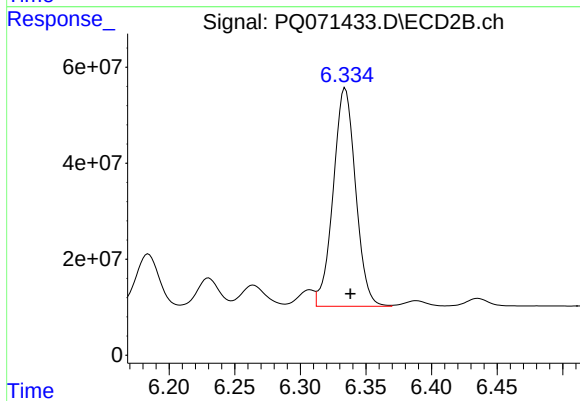
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 234970803
Conc: 474.33 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 340280717
Conc: 408.87 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 540111449
Conc: 470.36 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ7MS	SDG No.: Q3674	
Lab Sample ID: Q3674-09MS	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.4	
Sample Wt/Vol: 30.05 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B		Prep Date: 11/21/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	178		1	4.70	20.1	ug/kg	11/21/25 16:10	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 16:10	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 16:10	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 16:10	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 16:10	PB170671
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 16:10	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 16:10	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 16:10	PB170671
11096-82-5	Aroclor-1260	165		1	3.80	20.1	ug/kg	11/21/25 16:10	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.4			10 - 170	87%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:10
Operator : YP\AJ
Sample : Q3674-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:40:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.411	2.855	165.3E6	204.7E6	18.990	21.920
2) SA Decachlor...	8.537	7.654	89101533	158.6E6	14.230	17.355
Target Compounds						
3) L1 AR-1016-1	4.496	3.869	129.2E6	165.0E6	390.887	455.662
4) L1 AR-1016-2	4.515	3.885	186.9E6	227.6E6	392.970	463.322
5) L1 AR-1016-3	4.573	4.047	113.8E6	126.5E6	381.454	455.227
6) L1 AR-1016-4	4.663	4.095	93459438	98599449	380.617	439.689
7) L1 AR-1016-5	4.948	4.292	88250672	124.3E6	373.287	446.034
31) L7 AR-1260-1	6.042	5.292	159.8E6	217.6E6	357.042	436.151
32) L7 AR-1260-2	6.300	5.482	197.8E6	274.9E6	387.198	453.313
33) L7 AR-1260-3	6.652	5.625	123.7E6	263.2E6	323.176	445.257 #
34) L7 AR-1260-4	6.866	6.089	137.1E6	189.2E6	327.989	381.925
35) L7 AR-1260-5	7.174	6.333	273.0E6	436.1E6	327.978	379.758

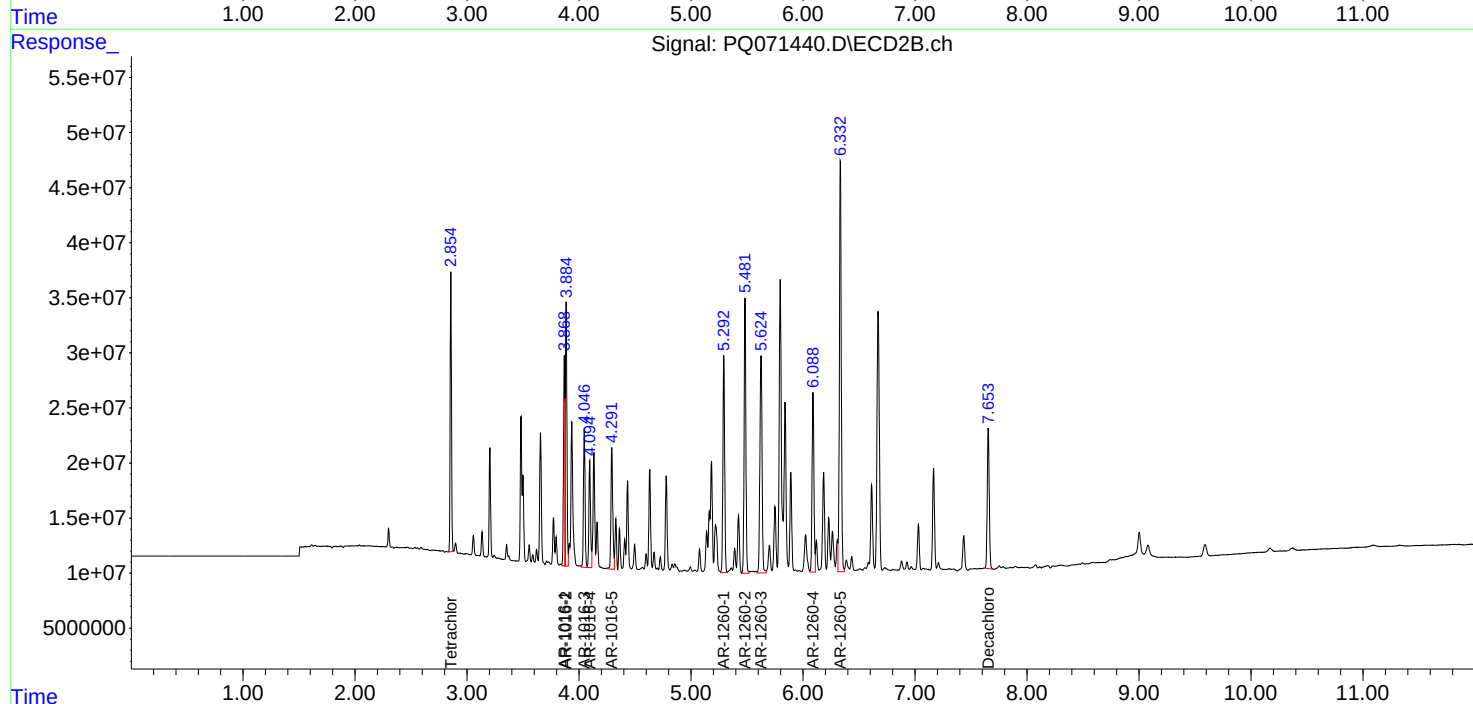
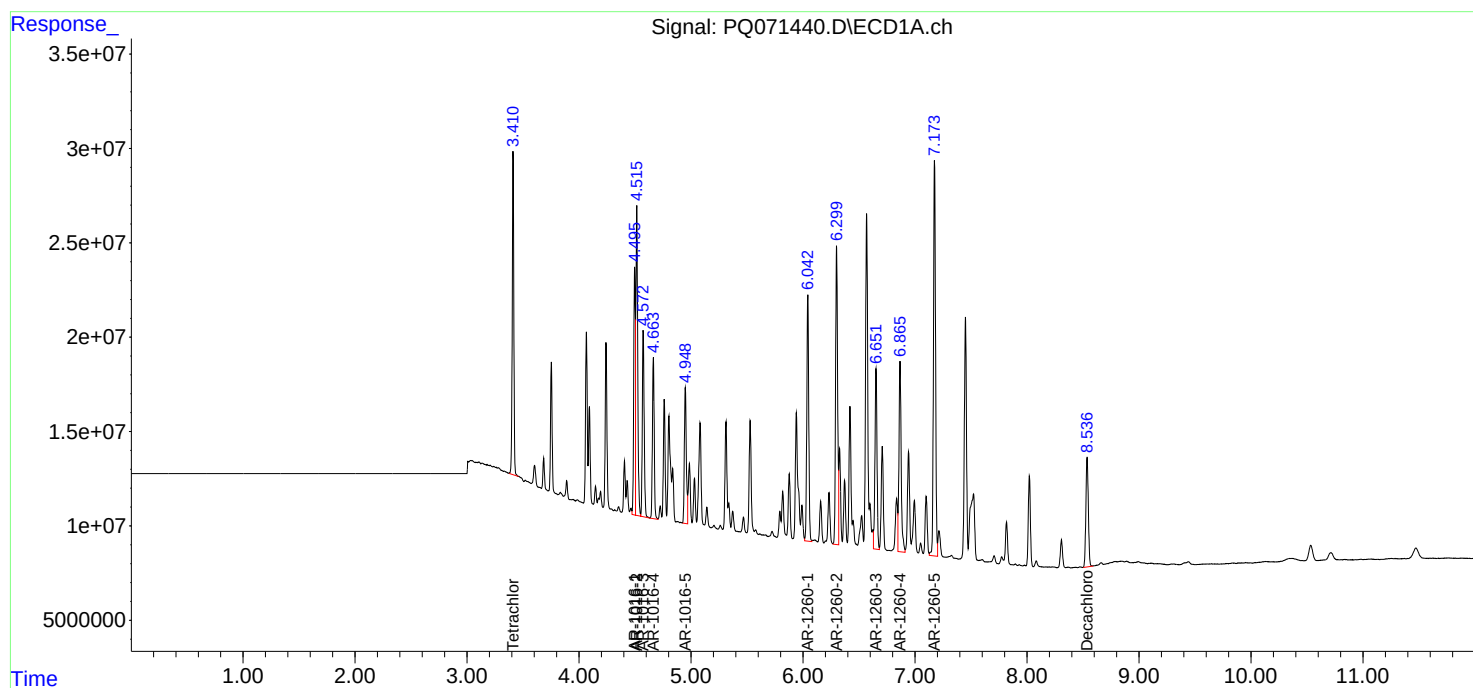
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

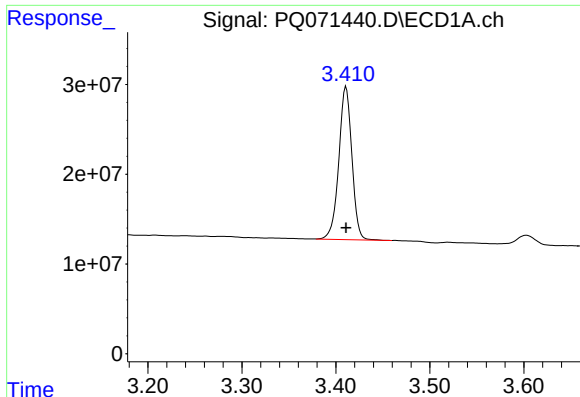
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:10
Operator : YP\AJ
Sample : Q3674-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:40:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

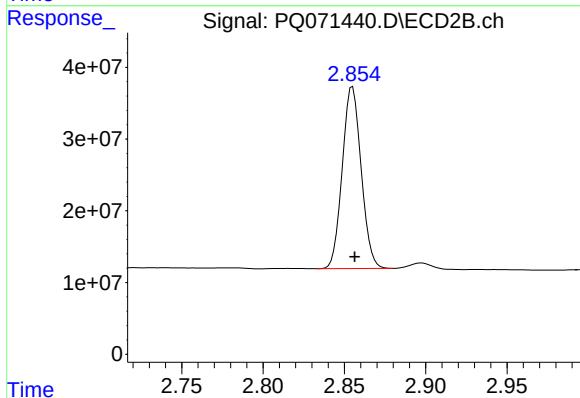




#1 Tetrachloro-m-xylene

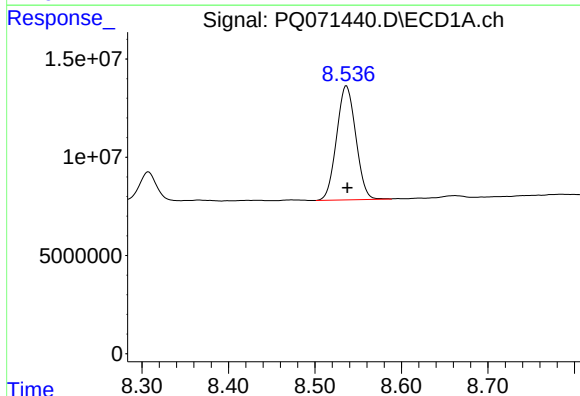
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 165312265
Conc: 18.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



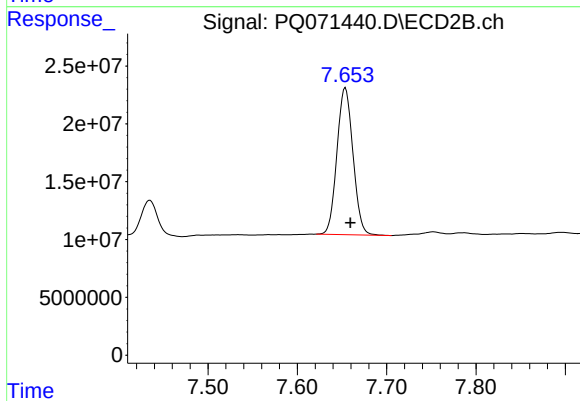
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 204664791
Conc: 21.92 ng/ml



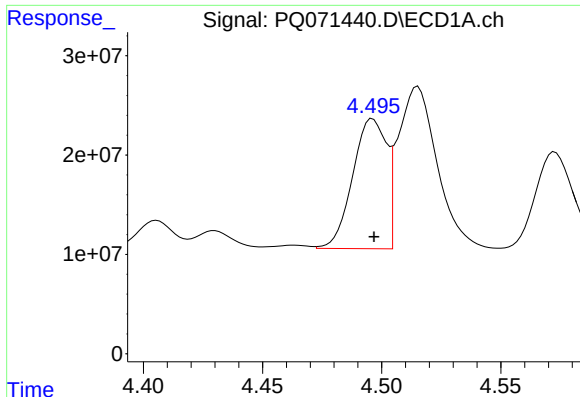
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 89101533
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

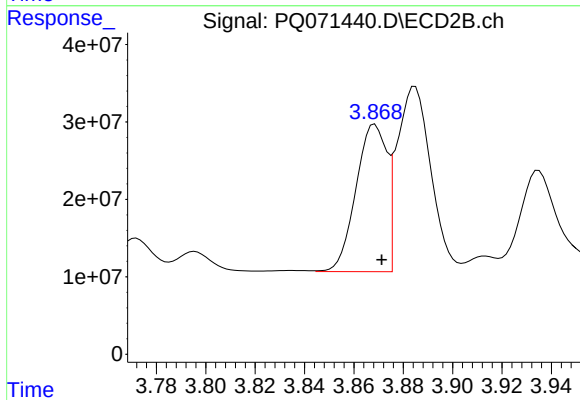
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 158582891
Conc: 17.35 ng/ml



#3 AR-1016-1

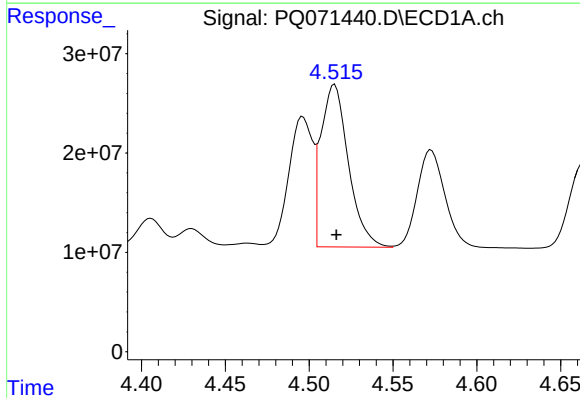
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 129207642
Conc: 390.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



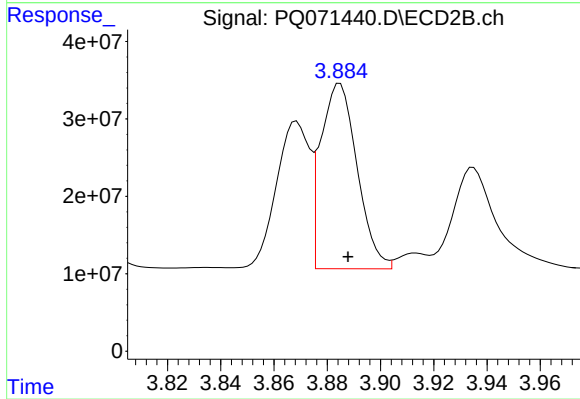
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 165005852
Conc: 455.66 ng/ml



#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 186904503
Conc: 392.97 ng/ml



#4 AR-1016-2

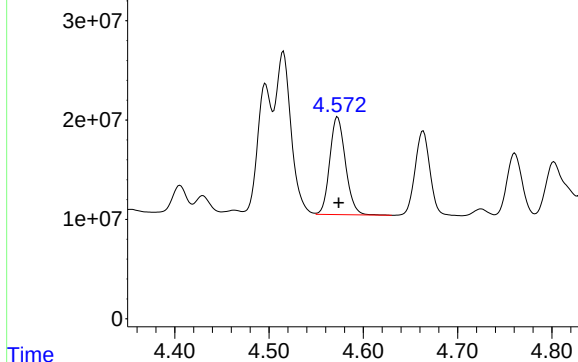
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 227575771
Conc: 463.32 ng/ml

Response_ Signal: PQ071440.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 113848218
Conc: 381.45 ng/ml

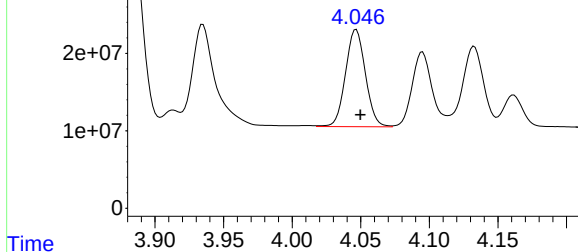
Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



Time Response_ Signal: PQ071440.D\ECD2B.ch

#5 AR-1016-3

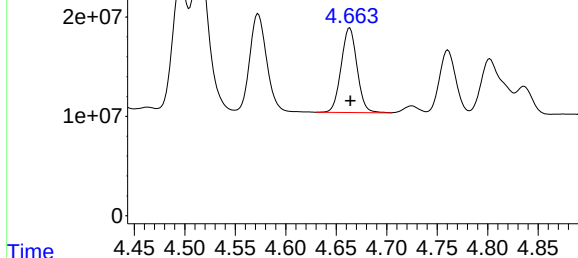
R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 126549373
Conc: 455.23 ng/ml



Time Response_ Signal: PQ071440.D\ECD1A.ch

#6 AR-1016-4

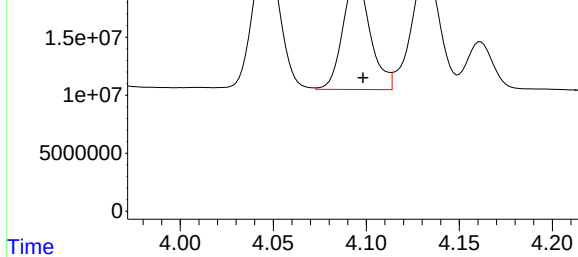
R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 93459438
Conc: 380.62 ng/ml

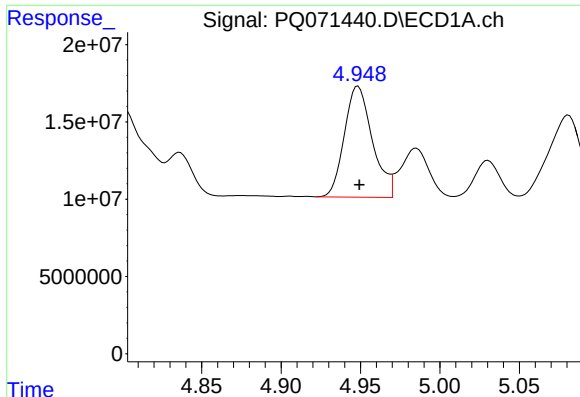


Time Response_ Signal: PQ071440.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 98599449
Conc: 439.69 ng/ml

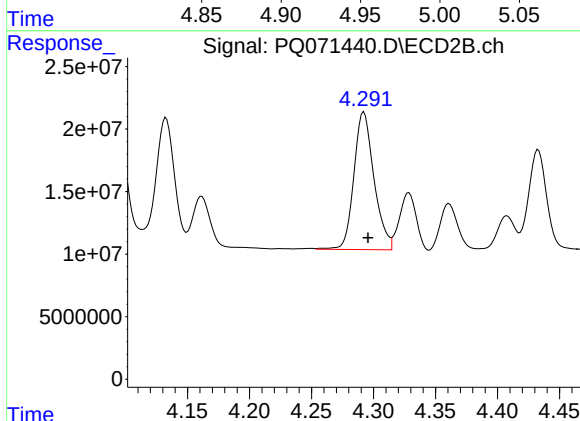




#7 AR-1016-5

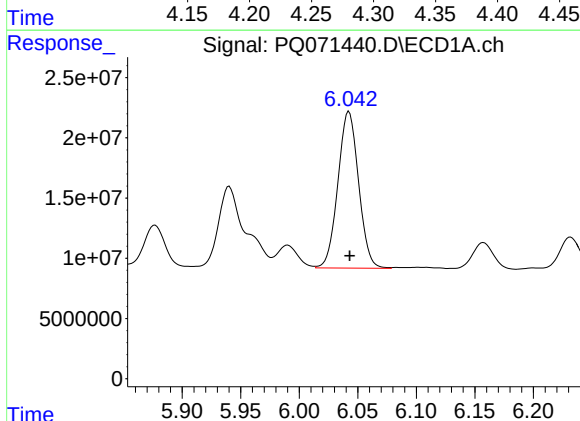
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 88250672
Conc: 373.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



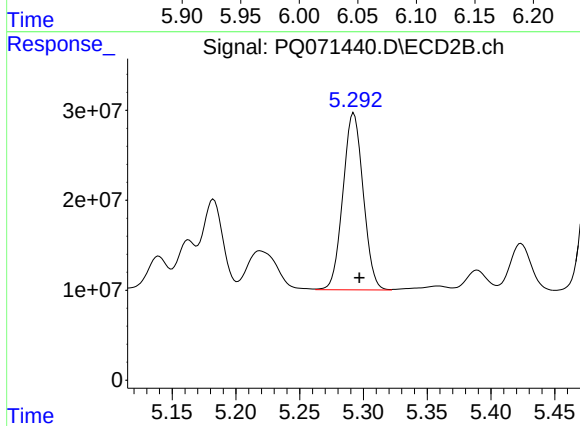
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 124250889
Conc: 446.03 ng/ml



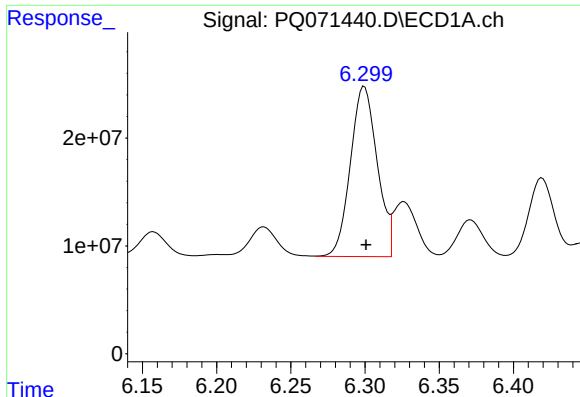
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 159775290
Conc: 357.04 ng/ml



#31 AR-1260-1

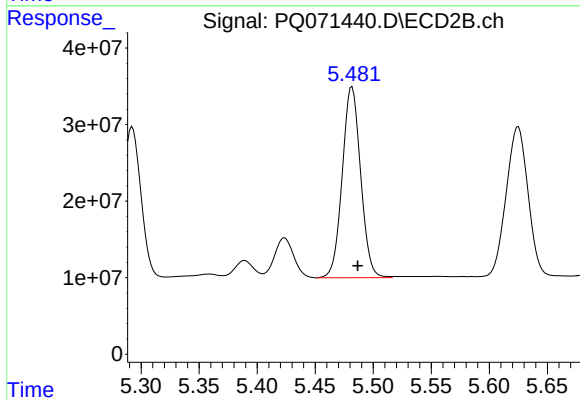
R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 217607334
Conc: 436.15 ng/ml



#32 AR-1260-2

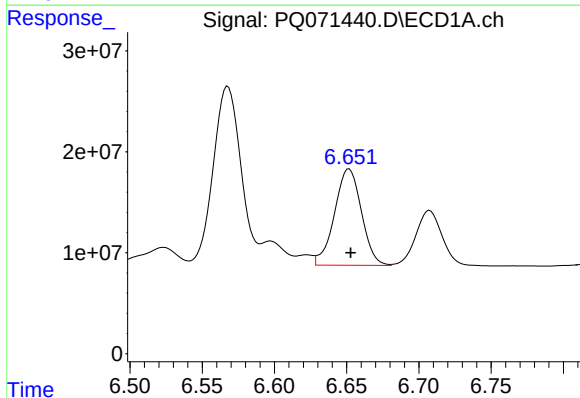
R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 197824996
Conc: 387.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



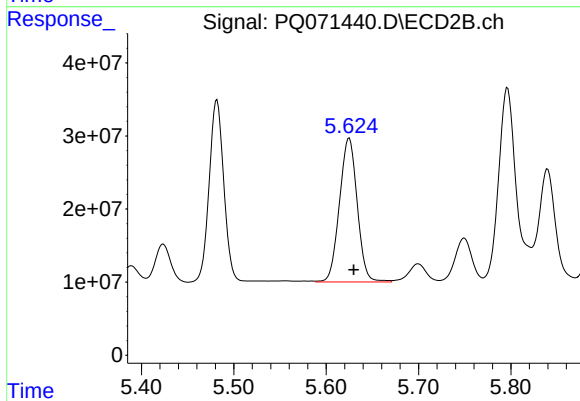
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 274878004
Conc: 453.31 ng/ml



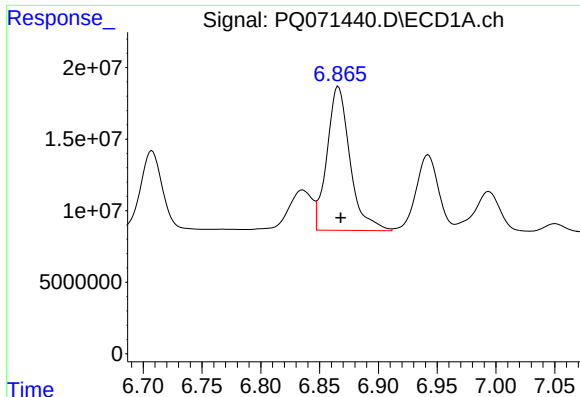
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 123690259
Conc: 323.18 ng/ml



#33 AR-1260-3

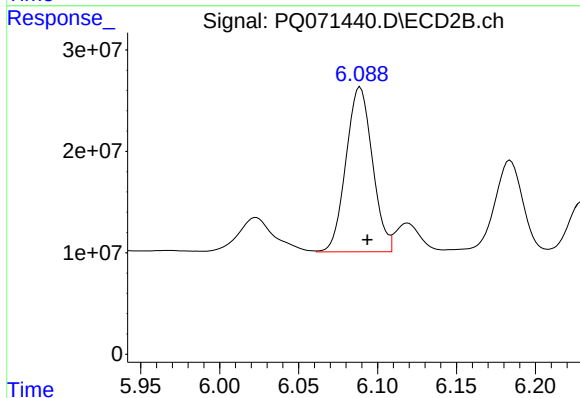
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 263229060
Conc: 445.26 ng/ml



#34 AR-1260-4

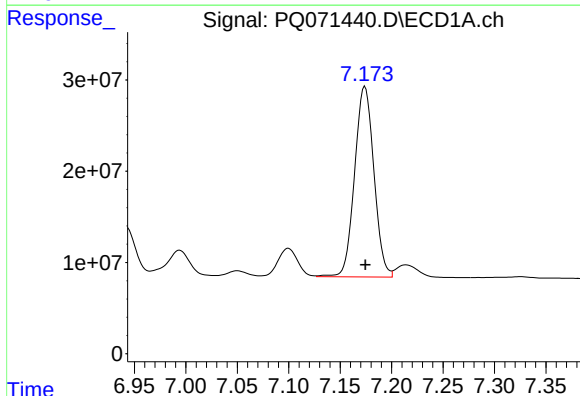
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 137146906
Conc: 327.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MS



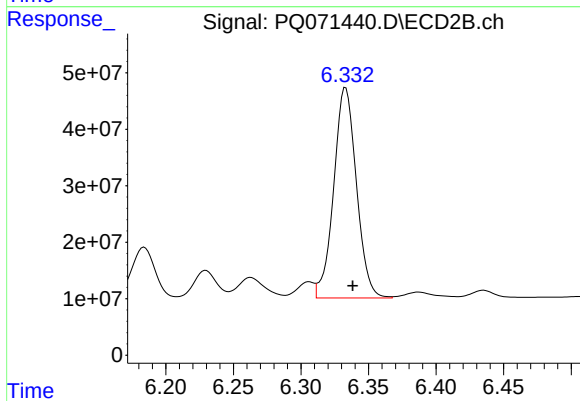
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 189197408
Conc: 381.92 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 272955879
Conc: 327.98 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 436070667
Conc: 379.76 ng/ml

Report of Analysis

Client: Tetra Tech, EMI	Date Collected: 11/17/25	
Project: R37108	Date Received: 11/19/25	
Client Sample ID: C0AJ7MSD	SDG No.: Q3674	
Lab Sample ID: Q3674-09MSD	Matrix: SOIL	
Analytical Method: 8082A	% Solid: 84.4	
Sample Wt/Vol: 30.08 g	Test: PCB	Final Vol: 10000 uL
Prep Method: SW3541B	Prep Date: 11/21/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	173		1	4.70	20.1	ug/kg	11/21/25 16:24	PB170671
11104-28-2	Aroclor-1221	20.1	U	1	4.80	20.1	ug/kg	11/21/25 16:24	PB170671
11141-16-5	Aroclor-1232	20.1	U	1	4.40	20.1	ug/kg	11/21/25 16:24	PB170671
53469-21-9	Aroclor-1242	20.1	U	1	4.70	20.1	ug/kg	11/21/25 16:24	PB170671
12672-29-6	Aroclor-1248	20.1	U	1	7.00	20.1	ug/kg	11/21/25 16:24	PB170671
11097-69-1	Aroclor-1254	20.1	U	1	3.80	20.1	ug/kg	11/21/25 16:24	PB170671
37324-23-5	Aroclor-1262	20.1	U	1	5.90	20.1	ug/kg	11/21/25 16:24	PB170671
11100-14-4	Aroclor-1268	20.1	U	1	4.30	20.1	ug/kg	11/21/25 16:24	PB170671
11096-82-5	Aroclor-1260	165		1	3.80	20.1	ug/kg	11/21/25 16:24	PB170671
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.9			21 - 165	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.0			10 - 170	80%	SPK: 20		

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

Q3674-PCB

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
 Data File : PQ071441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2025 16:24
 Operator : YP\AJ
 Sample : Q3674-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AJ7MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 12:40:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 19 04:02:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.410	2.854	151.1E6	185.5E6	17.353	19.863
2) SA Decachlor...	8.537	7.654	82291486	146.2E6	13.142	15.996
Target Compounds						
3) L1 AR-1016-1	4.496	3.868	126.8E6	160.0E6	383.459	441.726
4) L1 AR-1016-2	4.515	3.885	183.5E6	219.6E6	385.792	447.120
5) L1 AR-1016-3	4.573	4.047	112.3E6	123.6E6	376.183	444.607
6) L1 AR-1016-4	4.663	4.095	90688328	96055494	369.332	428.345
7) L1 AR-1016-5	4.948	4.292	86696125	121.6E6	366.712	436.388
31) L7 AR-1260-1	6.042	5.293	160.3E6	216.5E6	358.290	434.016
32) L7 AR-1260-2	6.299	5.482	196.6E6	274.6E6	384.751	452.798
33) L7 AR-1260-3	6.652	5.625	123.1E6	262.9E6	321.516	444.722 #
34) L7 AR-1260-4	6.867	6.089	137.7E6	188.2E6	329.350	379.869
35) L7 AR-1260-5	7.174	6.333	273.7E6	433.2E6	328.816	377.279

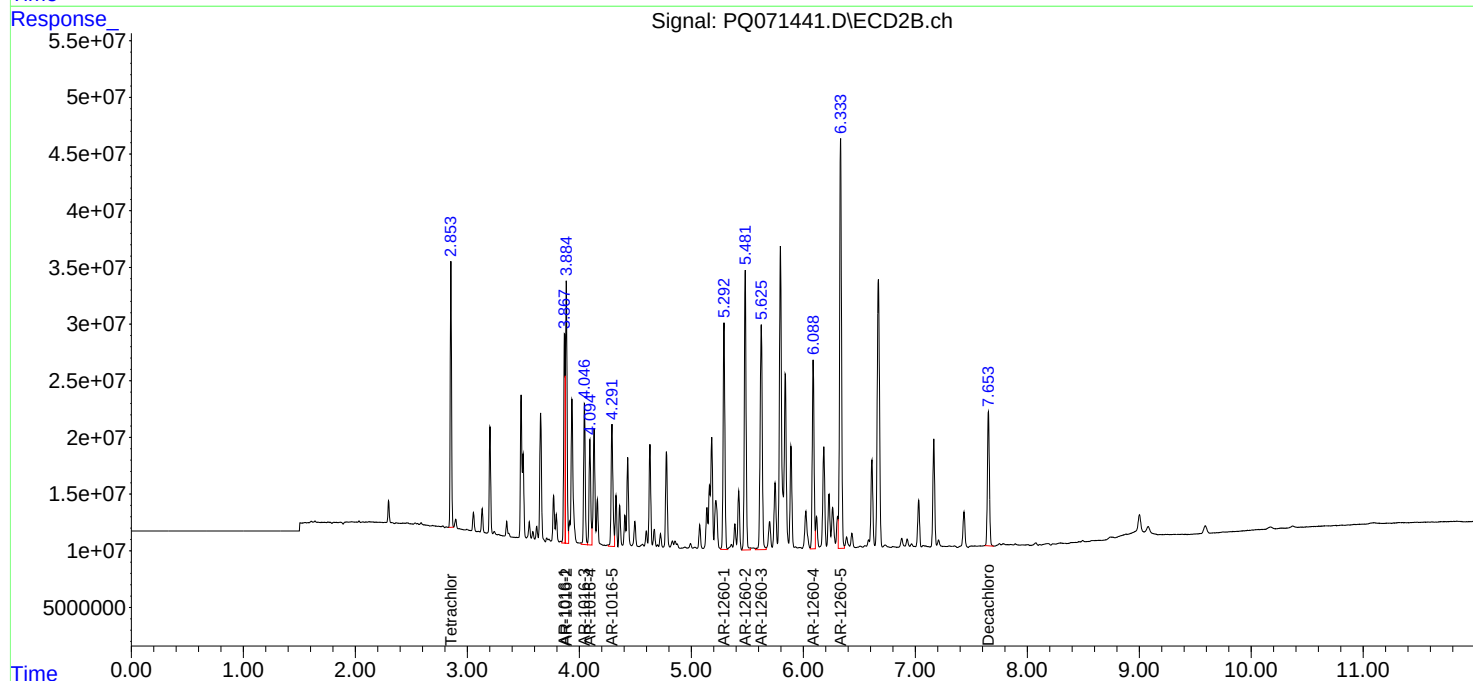
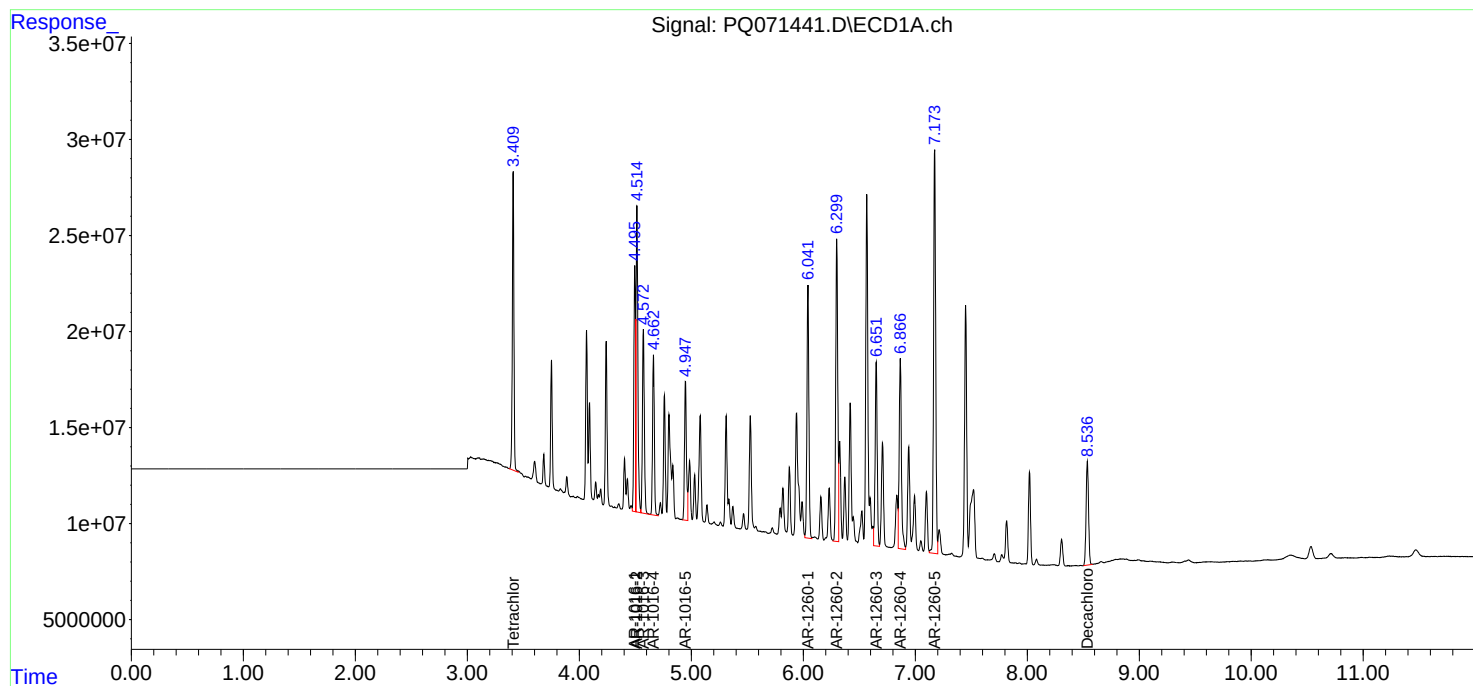
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

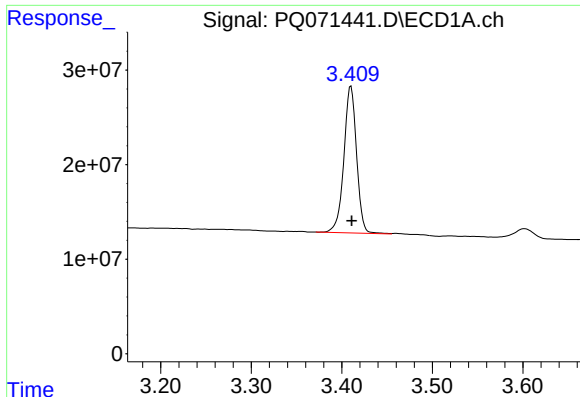
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:24
Operator : YP\AJ
Sample : Q3674-09MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:40:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

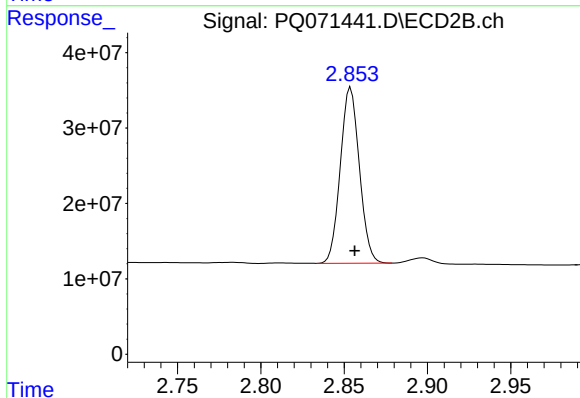




#1 Tetrachloro-m-xylene

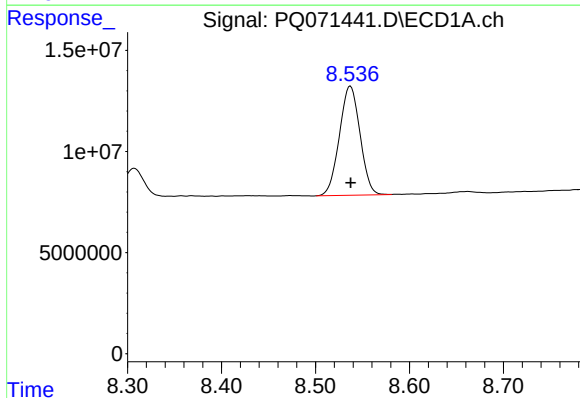
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 151064031
Conc: 17.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



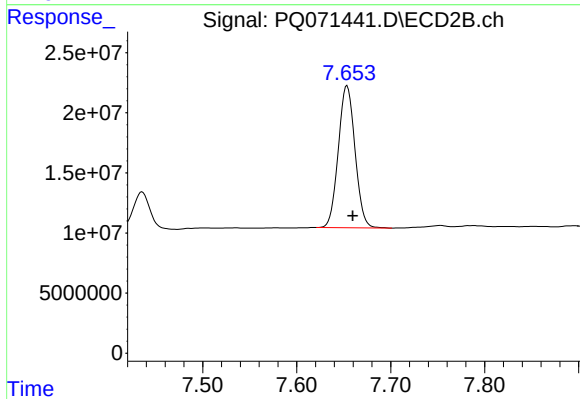
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 185450444
Conc: 19.86 ng/ml



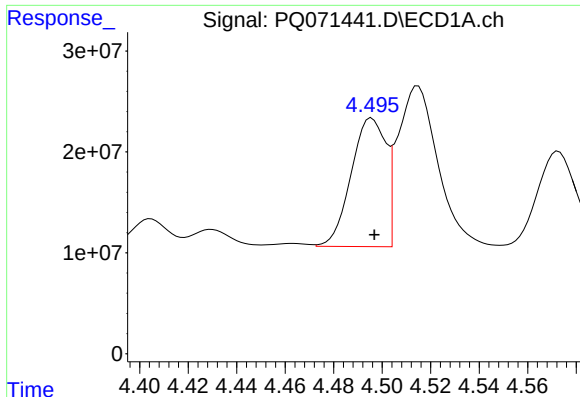
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 82291486
Conc: 13.14 ng/ml



#2 Decachlorobiphenyl

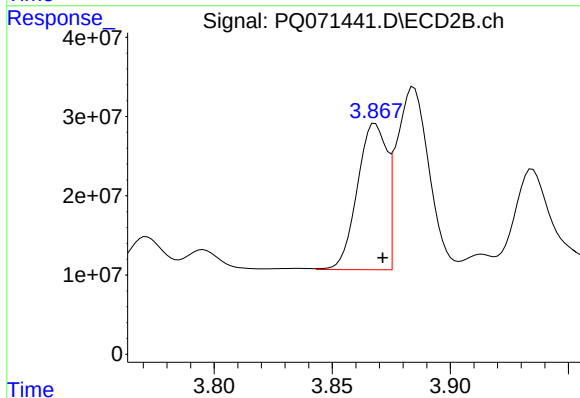
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 146170536
Conc: 16.00 ng/ml



#3 AR-1016-1

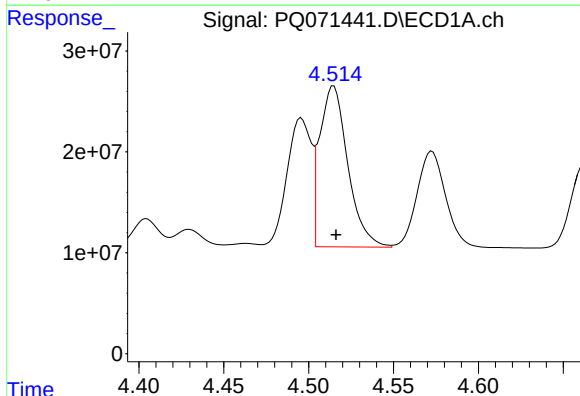
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 126752347
Conc: 383.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



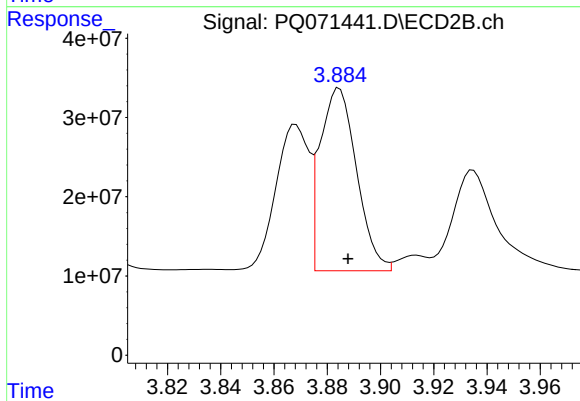
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 159959184
Conc: 441.73 ng/ml



#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 183490274
Conc: 385.79 ng/ml



#4 AR-1016-2

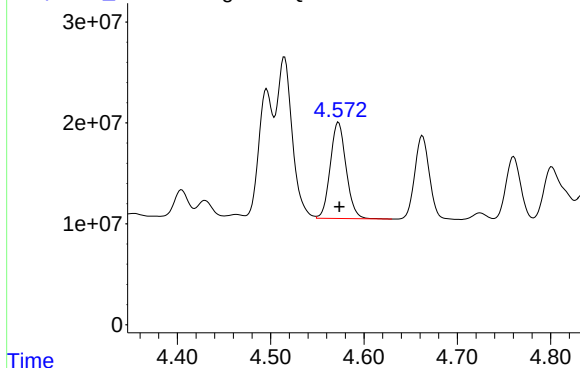
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 219617366
Conc: 447.12 ng/ml

Response_ Signal: PQ071441.D\ECD1A.ch

#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 112274932
Conc: 376.18 ng/ml

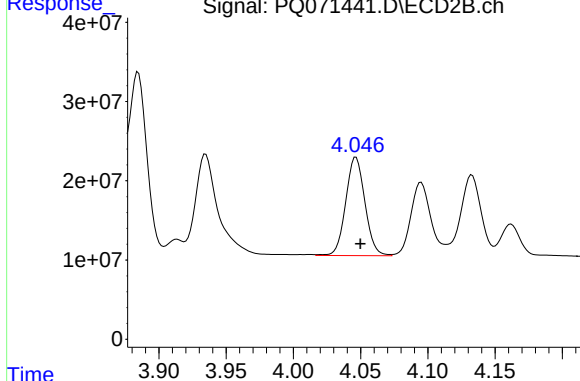
Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



Time Response_ Signal: PQ071441.D\ECD2B.ch

#5 AR-1016-3

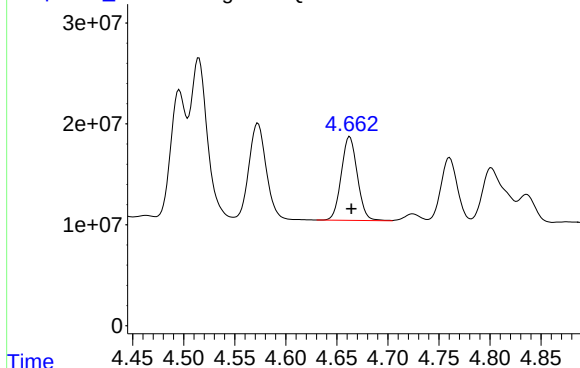
R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 123597108
Conc: 444.61 ng/ml



Time Response_ Signal: PQ071441.D\ECD1A.ch

#6 AR-1016-4

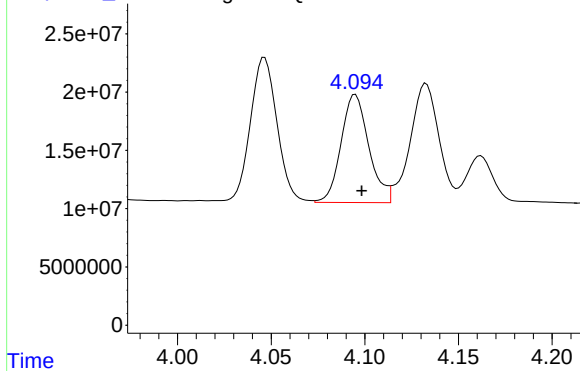
R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 90688328
Conc: 369.33 ng/ml

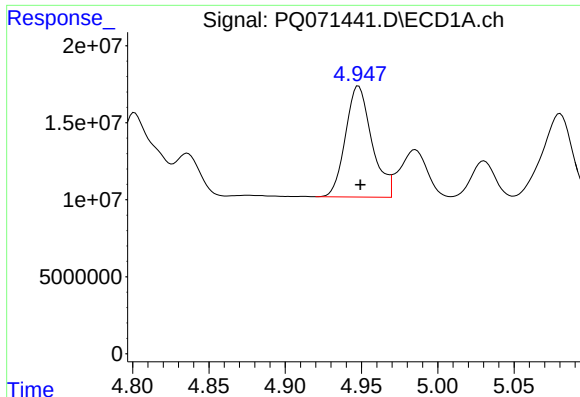


Time Response_ Signal: PQ071441.D\ECD2B.ch

#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 96055494
Conc: 428.34 ng/ml

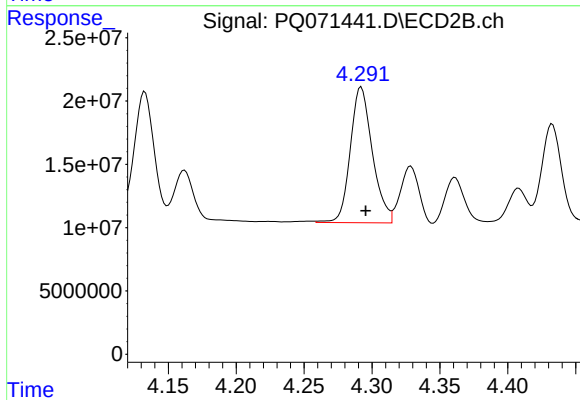




#7 AR-1016-5

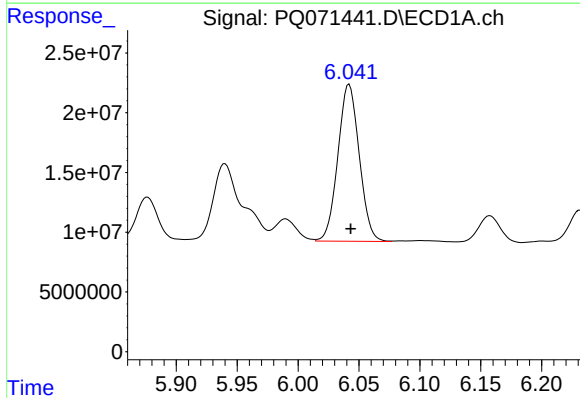
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 86696125
Conc: 366.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



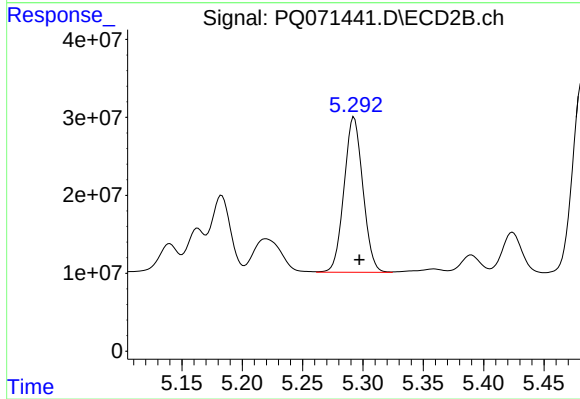
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 121563624
Conc: 436.39 ng/ml



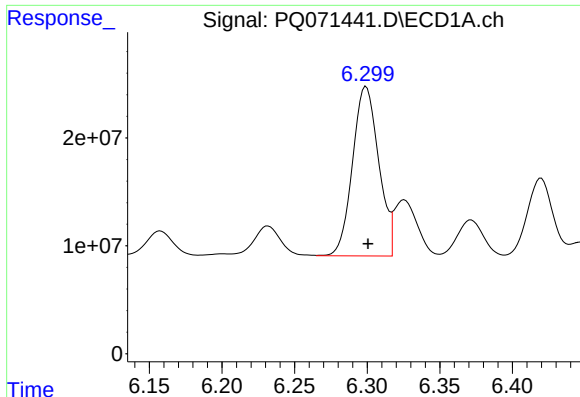
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 160333592
Conc: 358.29 ng/ml



#31 AR-1260-1

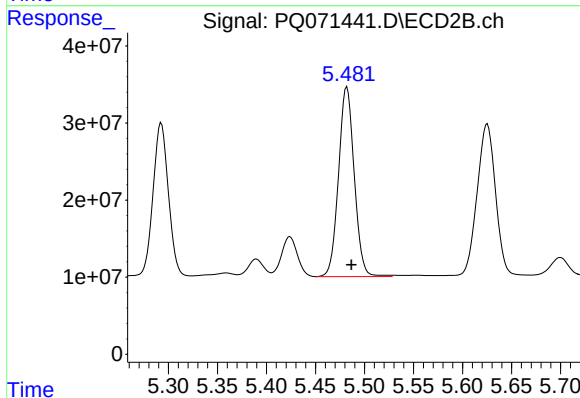
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 216542335
Conc: 434.02 ng/ml



#32 AR-1260-2

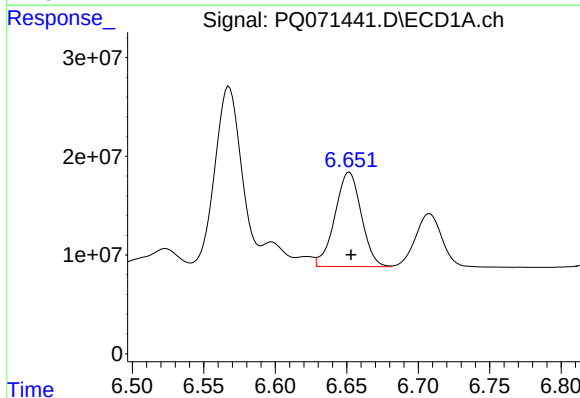
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 196574606
Conc: 384.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



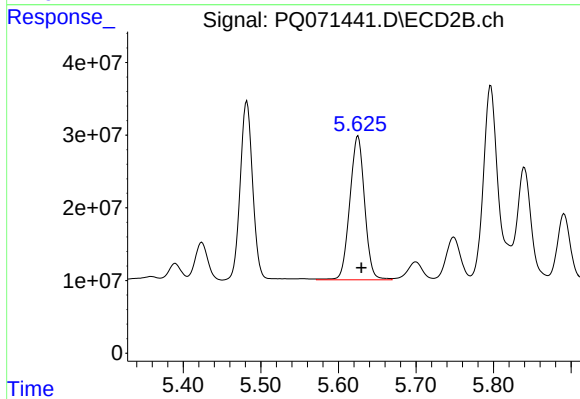
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 274565904
Conc: 452.80 ng/ml



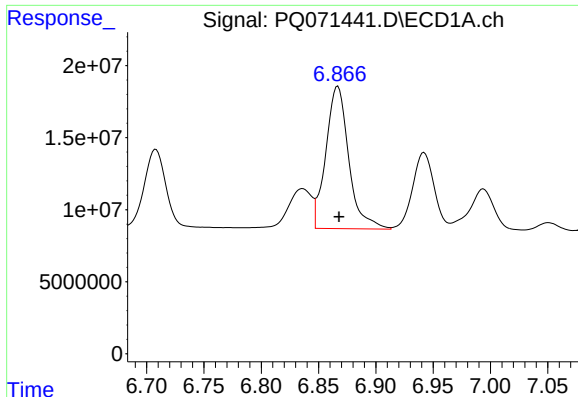
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 123054845
Conc: 321.52 ng/ml



#33 AR-1260-3

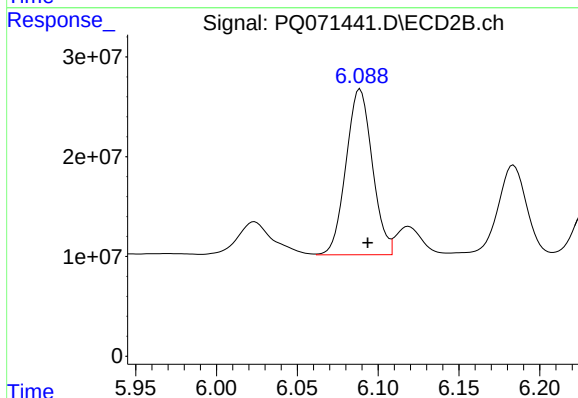
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 262912727
Conc: 444.72 ng/ml



#34 AR-1260-4

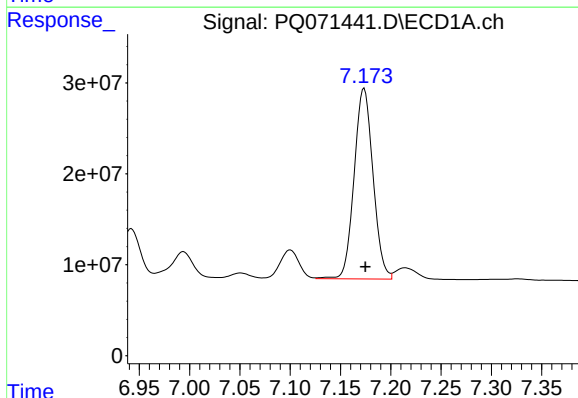
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 137716135
Conc: 329.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AJ7MSD



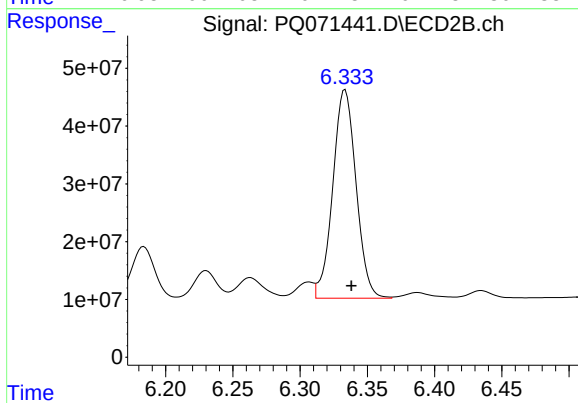
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 188179217
Conc: 379.87 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 273653179
Conc: 328.82 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 433224658
Conc: 377.28 ng/ml

Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ071277.D	AR-1016-1 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-2 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-3 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-4 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1016-5 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-1 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-2 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-3 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-4 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	AR-1260-5 #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software
AR1660ICC050	PQ071277.D	Decachlorobiphenyl #2	rahul	11/19/2025 2:49:24 PM	Sohil	11/19/2025 3:38:24	Peak Integrated by Software



Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071418.D	AR-1016-2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-3 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-4 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1016-5 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-1 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-2 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071418.D	AR-1260-3 #2	rahul	11/25/2025 8:25:20 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-03	PQ071429.D	AR-1260-2	rahul	11/25/2025 8:25:29 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-03	PQ071429.D	AR-1260-3	rahul	11/25/2025 8:25:29 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-3 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-4 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1016-5 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1260-1 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071430.D	AR-1260-2 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071430.D	AR-1260-3 #2	rahul	11/25/2025 8:25:31 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-09	PQ071439.D	AR-1260-3 #2	rahul	11/25/2025 8:25:34 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1016-3 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1016-4 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1016-5 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-1 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-2 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071442.D	AR-1260-3 #2	rahul	11/25/2025 8:25:36 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-11	PQ071445.D	AR-1260-3 #2	rahul	11/25/2025 8:25:39 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-11	PQ071445.D	AR-1260-4 #2	rahul	11/25/2025 8:25:39 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3674-13	PQ071447.D	Tetrachloro-m-xylene	rahul	11/25/2025 8:25:41 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071454.D	AR-1260-1 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071454.D	AR-1260-2 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071454.D	AR-1260-3 #2	rahul	11/25/2025 10:26:38 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-1 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-2 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-3 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-4 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1016-5 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-1 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-2 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071466.D	AR-1260-3 #2	rahul	11/25/2025 10:26:43 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-1 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
AR1660CCC500	PQ071471.D	AR-1260-2 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PQ071471.D	AR-1260-3 #2	rahul	11/25/2025 10:26:46 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software

Manual Integration Report

Sequence:

PQ112425

Instrument

ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071474.D	AR-1016-2	rahul	11/25/2025 10:38:02 AM	mohammad	11/27/2025 12:20:05	Peak Integrated by Software
Q3674-02DL	PQ071484.D	AR-1260-3	rahul	11/25/2025 10:38:05 AM	mohammad	11/27/2025 12:20:05	Peak Integrated by Software
Q3674-02DL	PQ071484.D	AR-1260-4	rahul	11/25/2025 10:38:05 AM	mohammad	11/27/2025 12:20:05	Peak Integrated by Software

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ071271.D	18 Nov 2025 11:44	YP\AJ	Ok
2	I.BLK	PQ071272.D	18 Nov 2025 11:59	YP\AJ	Ok
3	AR1660ICC1000	PQ071273.D	18 Nov 2025 12:13	YP\AJ	Ok
4	AR1660ICC750	PQ071274.D	18 Nov 2025 12:28	YP\AJ	Ok
5	AR1660ICC500	PQ071275.D	18 Nov 2025 12:43	YP\AJ	Ok
6	AR1660ICC250	PQ071276.D	18 Nov 2025 12:57	YP\AJ	Ok
7	AR1660ICC050	PQ071277.D	18 Nov 2025 15:42	YP\AJ	Ok,M
8	AR1221ICC500	PQ071278.D	18 Nov 2025 16:25	YP\AJ	Ok
9	AR1232ICC500	PQ071279.D	18 Nov 2025 16:39	YP\AJ	Ok
10	AR1242ICC500	PQ071280.D	18 Nov 2025 16:54	YP\AJ	Ok
11	AR1248ICC500	PQ071281.D	18 Nov 2025 17:08	YP\AJ	Ok
12	AR1254ICC500	PQ071282.D	18 Nov 2025 17:23	YP\AJ	Ok
13	AR1262ICC500	PQ071283.D	18 Nov 2025 17:37	YP\AJ	Ok
14	AR1268ICC500	PQ071284.D	18 Nov 2025 17:52	YP\AJ	Ok
15	PQ111825ICV500	PQ071285.D	18 Nov 2025 18:07	YP\AJ	Ok
16	AR1660CCC500	PQ071286.D	18 Nov 2025 18:36	YP\AJ	Ok
17	I.BLK	PQ071287.D	18 Nov 2025 19:05	YP\AJ	Ok
18	PB170532BL	PQ071288.D	18 Nov 2025 19:20	YP\AJ	Not Ok
19	Q3530-03	PQ071289.D	18 Nov 2025 19:34	YP\AJ	Ok
20	Q3530-03	PQ071290.D	18 Nov 2025 19:49	YP\AJ	Not Ok
21	Q3530-03	PQ071291.D	18 Nov 2025 20:03	YP\AJ	Not Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3530-03	PQ071292.D	18 Nov 2025 20:18	YP\AJ	Not Ok
23	Q3530-03	PQ071293.D	18 Nov 2025 20:33	YP\AJ	Not Ok
24	Q3530-03	PQ071294.D	18 Nov 2025 20:47	YP\AJ	Not Ok
25	Q3530-03	PQ071295.D	18 Nov 2025 21:02	YP\AJ	Not Ok
26	Q3530-03	PQ071296.D	18 Nov 2025 21:16	YP\AJ	Ok
27	AR1660CCC500	PQ071297.D	18 Nov 2025 22:14	YP\AJ	Ok
28	I.BLK	PQ071298.D	19 Nov 2025 00:49	YP\AJ	Ok
29	PB170530BL	PQ071299.D	19 Nov 2025 01:03	YP\AJ	Ok
30	Q3530-09	PQ071300.D	19 Nov 2025 01:18	YP\AJ	Ok
31	Q3530-09	PQ071301.D	19 Nov 2025 01:32	YP\AJ	Not Ok
32	Q3530-09	PQ071302.D	19 Nov 2025 01:47	YP\AJ	Not Ok
33	Q3530-09	PQ071303.D	19 Nov 2025 02:01	YP\AJ	Not Ok
34	Q3530-09	PQ071304.D	19 Nov 2025 02:16	YP\AJ	Not Ok
35	Q3530-09	PQ071305.D	19 Nov 2025 02:31	YP\AJ	Not Ok
36	Q3530-09	PQ071306.D	19 Nov 2025 02:45	YP\AJ	Ok,M
37	Q3530-09	PQ071307.D	19 Nov 2025 03:00	YP\AJ	Ok
38	AR1660CCC500	PQ071308.D	19 Nov 2025 03:58	YP\AJ	Ok
39	I.BLK	PQ071309.D	19 Nov 2025 04:30	YP\AJ	Ok
40	Q3530-02	PQ071310.D	19 Nov 2025 04:44	YP\AJ	Not Ok
41	Q3530-02	PQ071311.D	19 Nov 2025 04:59	YP\AJ	Ok,M
42	Q3530-02	PQ071312.D	19 Nov 2025 05:14	YP\AJ	Ok,M
43	Q3530-02	PQ071313.D	19 Nov 2025 05:28	YP\AJ	Ok,M
44	Q3530-02	PQ071314.D	19 Nov 2025 05:43	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q3530-02	PQ071315.D	19 Nov 2025 05:57	YP\AJ	Ok,M
46	Q3530-02	PQ071316.D	19 Nov 2025 06:12	YP\AJ	Ok
47	Q3530-02	PQ071317.D	19 Nov 2025 06:27	YP\AJ	Ok,M
48	AR1660CCC500	PQ071318.D	19 Nov 2025 07:25	YP\AJ	Ok
49	I.BLK	PQ071319.D	19 Nov 2025 08:09	YP\AJ	Ok
50	Q3530-08	PQ071320.D	19 Nov 2025 08:23	YP\AJ	Not Ok
51	Q3530-08	PQ071321.D	19 Nov 2025 08:38	YP\AJ	Ok,M
52	Q3530-08	PQ071322.D	19 Nov 2025 08:52	YP\AJ	Ok,M
53	Q3530-08	PQ071323.D	19 Nov 2025 09:07	YP\AJ	Ok,M
54	Q3530-08	PQ071324.D	19 Nov 2025 09:21	YP\AJ	Ok,M
55	Q3530-08	PQ071325.D	19 Nov 2025 09:36	YP\AJ	Not Ok
56	Q3530-08	PQ071326.D	19 Nov 2025 09:51	YP\AJ	Ok,M
57	Q3530-08	PQ071327.D	19 Nov 2025 10:05	YP\AJ	Not Ok
58	AR1660CCC500	PQ071328.D	19 Nov 2025 11:03	YP\AJ	Ok
59	I.BLK	PQ071329.D	19 Nov 2025 11:19	YP\AJ	Ok
60	DDT ANALOG	PQ071330.D	19 Nov 2025 11:33	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ071417.D	21 Nov 2025 08:26	YP\AJ	Ok
2	AR1660CCC500	PQ071418.D	21 Nov 2025 09:06	YP\AJ	Ok,M
3	I.BLK	PQ071419.D	21 Nov 2025 10:09	YP\AJ	Ok
4	Q3672-02DL	PQ071420.D	21 Nov 2025 10:27	YP\AJ	Ok,M
5	Q3672-03DL	PQ071421.D	21 Nov 2025 10:42	YP\AJ	Ok
6	Q3672-04DL	PQ071422.D	21 Nov 2025 10:57	YP\AJ	Dilution
7	Q3672-05DL	PQ071423.D	21 Nov 2025 11:11	YP\AJ	Ok
8	Q3672-11DL	PQ071424.D	21 Nov 2025 11:26	YP\AJ	Ok
9	Q3672-12DL	PQ071425.D	21 Nov 2025 11:40	YP\AJ	Dilution
10	Q3672-13DL	PQ071426.D	21 Nov 2025 11:55	YP\AJ	Not Ok
11	Q3674-01	PQ071427.D	21 Nov 2025 12:16	YP\AJ	Ok
12	Q3674-02	PQ071428.D	21 Nov 2025 12:31	YP\AJ	Dilution
13	Q3674-03	PQ071429.D	21 Nov 2025 12:45	YP\AJ	Dilution
14	AR1660CCC500	PQ071430.D	21 Nov 2025 13:43	YP\AJ	Ok,M
15	I.BLK	PQ071431.D	21 Nov 2025 13:59	YP\AJ	Ok
16	PB170671BL	PQ071432.D	21 Nov 2025 14:13	YP\AJ	Ok
17	PB170671BS	PQ071433.D	21 Nov 2025 14:28	YP\AJ	Ok
18	Q3674-04	PQ071434.D	21 Nov 2025 14:42	YP\AJ	Dilution
19	Q3674-05	PQ071435.D	21 Nov 2025 14:57	YP\AJ	Ok
20	Q3674-06	PQ071436.D	21 Nov 2025 15:11	YP\AJ	Ok
21	Q3674-07	PQ071437.D	21 Nov 2025 15:26	YP\AJ	Dilution

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3674-08	PQ071438.D	21 Nov 2025 15:41	YP\AJ	Ok
23	Q3674-09	PQ071439.D	21 Nov 2025 15:55	YP\AJ	Ok,M
24	Q3674-09MS	PQ071440.D	21 Nov 2025 16:10	YP\AJ	Ok
25	Q3674-09MSD	PQ071441.D	21 Nov 2025 16:24	YP\AJ	Ok
26	AR1660CCC500	PQ071442.D	21 Nov 2025 17:23	YP\AJ	Ok,M
27	I.BLK	PQ071443.D	21 Nov 2025 18:06	YP\AJ	Ok
28	Q3674-10	PQ071444.D	21 Nov 2025 18:21	YP\AJ	Ok
29	Q3674-11	PQ071445.D	21 Nov 2025 18:36	YP\AJ	Ok,M
30	Q3674-12	PQ071446.D	21 Nov 2025 18:50	YP\AJ	Ok
31	Q3674-13	PQ071447.D	21 Nov 2025 19:05	YP\AJ	Ok,M
32	Q3674-14	PQ071448.D	21 Nov 2025 19:19	YP\AJ	Dilution
33	Q3674-15	PQ071449.D	21 Nov 2025 19:34	YP\AJ	Ok
34	Q3693-01	PQ071450.D	21 Nov 2025 19:48	YP\AJ	Ok
35	Q3693-01MS	PQ071451.D	21 Nov 2025 20:03	YP\AJ	Ok
36	Q3693-01MSD	PQ071452.D	21 Nov 2025 20:18	YP\AJ	Ok
37	Q3693-02	PQ071453.D	21 Nov 2025 20:32	YP\AJ	Ok
38	AR1660CCC500	PQ071454.D	21 Nov 2025 21:31	YP\AJ	Ok,M
39	I.BLK	PQ071455.D	21 Nov 2025 22:29	YP\AJ	Ok
40	PB170682BL	PQ071456.D	21 Nov 2025 22:44	YP\AJ	Ok
41	PB170682BS	PQ071457.D	21 Nov 2025 22:58	YP\AJ	Ok
42	Q3693-03	PQ071458.D	21 Nov 2025 23:13	YP\AJ	Dilution
43	Q3693-04	PQ071459.D	21 Nov 2025 23:27	YP\AJ	Dilution
44	Q3693-05	PQ071460.D	21 Nov 2025 23:42	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q3693-06	PQ071461.D	21 Nov 2025 23:57	YP\AJ	Ok
46	Q3693-07	PQ071462.D	22 Nov 2025 00:11	YP\AJ	Ok
47	Q3693-08	PQ071463.D	22 Nov 2025 00:26	YP\AJ	Ok
48	Q3693-09	PQ071464.D	22 Nov 2025 00:40	YP\AJ	Ok
49	Q3693-10	PQ071465.D	22 Nov 2025 00:55	YP\AJ	Ok
50	AR1660CCC500	PQ071466.D	22 Nov 2025 01:53	YP\AJ	Ok,M
51	I.BLK	PQ071467.D	22 Nov 2025 02:52	YP\AJ	Ok
52	DDT ANALOG	PQ071468.D	22 Nov 2025 03:06	YP\AJ	Ok
53	Q3672-04DL2	PQ071469.D	22 Nov 2025 03:21	YP\AJ	Ok
54	Q3672-13DL2	PQ071470.D	22 Nov 2025 03:36	YP\AJ	Not Ok
55	AR1660CCC500	PQ071471.D	22 Nov 2025 04:34	YP\AJ	Ok,M
56	I.BLK	PQ071472.D	22 Nov 2025 05:32	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112425

Review By	raahul	Review On	11/24/2025 4:30:55 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:20:05 AM
SubDirectory	PQ112425	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ071473.D	24 Nov 2025 09:50	YP\AJ	Ok
2	AR1660CCC500	PQ071474.D	24 Nov 2025 10:16	YP\AJ	Ok,M
3	I.BLK	PQ071475.D	24 Nov 2025 10:30	YP\AJ	Ok
4	PB170703BL	PQ071476.D	24 Nov 2025 12:27	YP\AJ	Ok
5	PB170703BS	PQ071477.D	24 Nov 2025 12:42	YP\AJ	Ok
6	Q3710-01	PQ071478.D	24 Nov 2025 12:56	YP\AJ	Ok,M
7	Q3710-01MS	PQ071479.D	24 Nov 2025 13:11	YP\AJ	Ok,M
8	Q3710-01MSD	PQ071480.D	24 Nov 2025 13:26	YP\AJ	Ok,M
9	Q3710-03	PQ071481.D	24 Nov 2025 13:40	YP\AJ	Ok,M
10	Q3710-05	PQ071482.D	24 Nov 2025 13:55	YP\AJ	Ok,M
11	Q3672-12DL2	PQ071483.D	24 Nov 2025 14:09	YP\AJ	Ok
12	Q3674-02DL	PQ071484.D	24 Nov 2025 14:54	YP\AJ	Ok,M
13	Q3672-13DL	PQ071485.D	24 Nov 2025 15:09	YP\AJ	Not Ok
14	AR1660CCC500	PQ071486.D	24 Nov 2025 15:38	YP\AJ	Ok
15	I.BLK	PQ071487.D	24 Nov 2025 15:52	YP\AJ	Ok
16	Q3672-13DL2	PQ071488.D	24 Nov 2025 16:07	YP\AJ	Not Ok
17	Q3672-13DL	PQ071489.D	24 Nov 2025 16:29	YP\AJ	Dilution
18	Q3674-03DL	PQ071490.D	24 Nov 2025 16:43	YP\AJ	Ok
19	Q3674-04DL	PQ071491.D	24 Nov 2025 16:58	YP\AJ	Ok
20	Q3674-07DL	PQ071492.D	24 Nov 2025 17:12	YP\AJ	Ok
21	Q3674-14DL	PQ071493.D	24 Nov 2025 17:27	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112425

Review By	rahul	Review On	11/24/2025 4:30:55 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:20:05 AM
SubDirectory	PQ112425	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3672-13DL2	PQ071494.D	24 Nov 2025 17:42	YP\AJ	Ok
23	Q3672-13DL2	PQ071495.D	24 Nov 2025 17:56	YP\AJ	Not Ok
24	AR1660CCC500	PQ071496.D	24 Nov 2025 18:25	YP\AJ	Ok
25	I.BLK	PQ071497.D	24 Nov 2025 19:09	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ071271.D	18 Nov 2025 11:44		YPIAJ	Ok
2	I.BLK	I.BLK	PQ071272.D	18 Nov 2025 11:59		YPIAJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ071273.D	18 Nov 2025 12:13		YPIAJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ071274.D	18 Nov 2025 12:28		YPIAJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ071275.D	18 Nov 2025 12:43		YPIAJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ071276.D	18 Nov 2025 12:57		YPIAJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ071277.D	18 Nov 2025 15:42		YPIAJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ071278.D	18 Nov 2025 16:25		YPIAJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ071279.D	18 Nov 2025 16:39		YPIAJ	Ok
10	AR1242ICC500	AR1242ICC500	PQ071280.D	18 Nov 2025 16:54		YPIAJ	Ok
11	AR1248ICC500	AR1248ICC500	PQ071281.D	18 Nov 2025 17:08		YPIAJ	Ok
12	AR1254ICC500	AR1254ICC500	PQ071282.D	18 Nov 2025 17:23		YPIAJ	Ok
13	AR1262ICC500	AR1262ICC500	PQ071283.D	18 Nov 2025 17:37		YPIAJ	Ok
14	AR1268ICC500	AR1268ICC500	PQ071284.D	18 Nov 2025 17:52		YPIAJ	Ok
15	PQ111825ICV500	ICVPQ111825	PQ071285.D	18 Nov 2025 18:07		YPIAJ	Ok
16	AR1660CCC500	AR1660CCC500	PQ071286.D	18 Nov 2025 18:36		YPIAJ	Ok
17	I.BLK	I.BLK	PQ071287.D	18 Nov 2025 19:05		YPIAJ	Ok
18	PB170532BL	PB170532BL	PQ071288.D	18 Nov 2025 19:20	DCB high in 2nd column	YPIAJ	Not Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3530-03	MDL-SOIL-03-QT4-202	PQ071289.D	18 Nov 2025 19:34	AR1660 MDL SOIL 25PPB	YPIAJ	Ok
20	Q3530-03	MDL-SOIL-03-QT4-202	PQ071290.D	18 Nov 2025 19:49	AR1221 MDL SOIL 25PPB, failing high	YPIAJ	Not Ok
21	Q3530-03	MDL-SOIL-03-QT4-202	PQ071291.D	18 Nov 2025 20:03	AR1232 MDL SOIL 25PPB, failing high in 1st column	YPIAJ	Not Ok
22	Q3530-03	MDL-SOIL-03-QT4-202	PQ071292.D	18 Nov 2025 20:18	AR1242 MDL SOIL 25PPB, failing high in 2d column	YPIAJ	Not Ok
23	Q3530-03	MDL-SOIL-03-QT4-202	PQ071293.D	18 Nov 2025 20:33	AR1248 MDL SOIL 25PPB, failing high	YPIAJ	Not Ok
24	Q3530-03	MDL-SOIL-03-QT4-202	PQ071294.D	18 Nov 2025 20:47	AR1254 MDL SOIL 25PPB, failing high	YPIAJ	Not Ok
25	Q3530-03	MDL-SOIL-03-QT4-202	PQ071295.D	18 Nov 2025 21:02	AR1262 MDL SOIL 25PPB	YPIAJ	Not Ok
26	Q3530-03	MDL-SOIL-03-QT4-202	PQ071296.D	18 Nov 2025 21:16	AR1268 MDL SOIL 25PPB	YPIAJ	Ok
27	AR1660CCC500	AR1660CCC500	PQ071297.D	18 Nov 2025 22:14		YPIAJ	Ok
28	I.BLK	I.BLK	PQ071298.D	19 Nov 2025 00:49		YPIAJ	Ok
29	PB170530BL	PB170530BL	PQ071299.D	19 Nov 2025 01:03		YPIAJ	Ok
30	Q3530-09	MDL-WATER-03-QT4-2	PQ071300.D	19 Nov 2025 01:18	AR1660 MDL WATER 25PPB	YPIAJ	Ok
31	Q3530-09	MDL-WATER-03-QT4-2	PQ071301.D	19 Nov 2025 01:32	AR1221 MDL WATER 25PPB, failing high	YPIAJ	Not Ok
32	Q3530-09	MDL-WATER-03-QT4-2	PQ071302.D	19 Nov 2025 01:47	AR1232 MDL WATER 25PPB, failing high in 1st column	YPIAJ	Not Ok
33	Q3530-09	MDL-WATER-03-QT4-2	PQ071303.D	19 Nov 2025 02:01	AR1242 MDL WATER 25PPB, failing high in 2d column	YPIAJ	Not Ok
34	Q3530-09	MDL-WATER-03-QT4-2	PQ071304.D	19 Nov 2025 02:16	AR1248 MDL WATER 25PPB, failing high	YPIAJ	Not Ok
35	Q3530-09	MDL-WATER-03-QT4-2	PQ071305.D	19 Nov 2025 02:31	AR1254 MDL WATER 25PPB, failing high	YPIAJ	Not Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM	
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM	
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method	PQ111825
STD. NAME		STD REF.#		
Tune/Reschk				
Initial Calibration Stds		PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC		PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM				
ICV/I.BLK		PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

36	Q3530-09	MDL-WATER-03-QT4-2	PQ071306.D	19 Nov 2025 02:45	AR1262 MDL WATER 25PPB	YPIAJ	Ok,M
37	Q3530-09	MDL-WATER-03-QT4-2	PQ071307.D	19 Nov 2025 03:00	AR1268 MDL WATER 25PPB	YPIAJ	Ok
38	AR1660CCC500	AR1660CCC500	PQ071308.D	19 Nov 2025 03:58		YPIAJ	Ok
39	I.BLK	I.BLK	PQ071309.D	19 Nov 2025 04:30		YPIAJ	Ok
40	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071310.D	19 Nov 2025 04:44	AR1660 LOQ SOIL 50PPB, failing low	YPIAJ	Not Ok
41	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071311.D	19 Nov 2025 04:59	AR1221 LOQ SOIL 50PPB	YPIAJ	Ok,M
42	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071312.D	19 Nov 2025 05:14	AR1232 LOQ SOIL 50PPB	YPIAJ	Ok,M
43	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071313.D	19 Nov 2025 05:28	AR1242 LOQ SOIL 50PPB	YPIAJ	Ok,M
44	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071314.D	19 Nov 2025 05:43	AR1248 LOQ SOIL 50PPB	YPIAJ	Ok
45	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071315.D	19 Nov 2025 05:57	AR1254 LOQ SOIL 50PPB	YPIAJ	Ok,M
46	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071316.D	19 Nov 2025 06:12	AR1262 LOQ SOIL 50PPB	YPIAJ	Ok
47	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071317.D	19 Nov 2025 06:27	AR1268 LOQ SOIL 50PPB	YPIAJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ071318.D	19 Nov 2025 07:25		YPIAJ	Ok
49	I.BLK	I.BLK	PQ071319.D	19 Nov 2025 08:09		YPIAJ	Ok
50	Q3530-08	LOQ-WATER-02-QT4-2	PQ071320.D	19 Nov 2025 08:23	AR1660 LOQ WATER 50PPB , Recovery low	YPIAJ	Not Ok
51	Q3530-08	LOQ-WATER-02-QT4-2	PQ071321.D	19 Nov 2025 08:38	AR1221 LOQ WATER 50PPB	YPIAJ	Ok,M
52	Q3530-08	LOQ-WATER-02-QT4-2	PQ071322.D	19 Nov 2025 08:52	AR1232 LOQ WATER 50PPB	YPIAJ	Ok,M
53	Q3530-08	LOQ-WATER-02-QT4-2	PQ071323.D	19 Nov 2025 09:07	AR1242 LOQ WATER 50PPB	YPIAJ	Ok,M
54	Q3530-08	LOQ-WATER-02-QT4-2	PQ071324.D	19 Nov 2025 09:21	AR1248 LOQ WATER 50PPB	YPIAJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ111825

Review By	rahul	Review On	11/19/2025 8:33:53 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:39:22 PM
SubDirectory	PQ111825	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

55	Q3530-08	LOQ-WATER-02-QT4-2	PQ071325.D	19 Nov 2025 09:36	AR1254 LOQ WATER 50PPB , AR1254-1 high in 1st column	YPIAJ	Not Ok
56	Q3530-08	LOQ-WATER-02-QT4-2	PQ071326.D	19 Nov 2025 09:51	AR1262 LOQ WATER 50PPB	YPIAJ	Ok,M
57	Q3530-08	LOQ-WATER-02-QT4-2	PQ071327.D	19 Nov 2025 10:05	AR1268 LOQ WATER 50PPB , AR1268-1,2 High in 2nd column , all surrogate fail	YPIAJ	Not Ok
58	AR1660CCC500	AR1660CCC500	PQ071328.D	19 Nov 2025 11:03		YPIAJ	Ok
59	I.BLK	I.BLK	PQ071329.D	19 Nov 2025 11:19		YPIAJ	Ok
60	DDT ANALOG	DDT ANALOG	PQ071330.D	19 Nov 2025 11:33		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ071417.D	21 Nov 2025 08:26		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071418.D	21 Nov 2025 09:06		YP\AJ	Ok,M
3	I.BLK	I.BLK	PQ071419.D	21 Nov 2025 10:09		YP\AJ	Ok
4	Q3672-02DL	C0AE5DL	PQ071420.D	21 Nov 2025 10:27	AR1260+1248 Hit	YP\AJ	Ok,M
5	Q3672-03DL	C0AE6DL	PQ071421.D	21 Nov 2025 10:42	AR1260 Hit	YP\AJ	Ok
6	Q3672-04DL	C0AE7DL	PQ071422.D	21 Nov 2025 10:57	AR1260, Need more dilution	YP\AJ	Dilution
7	Q3672-05DL	C0AE8DL	PQ071423.D	21 Nov 2025 11:11	AR1260 Hit	YP\AJ	Ok
8	Q3672-11DL	C0AF8DL	PQ071424.D	21 Nov 2025 11:26	AR1260+1254+1248 Hit	YP\AJ	Ok
9	Q3672-12DL	C0AF9DL	PQ071425.D	21 Nov 2025 11:40	AR1248+AR1260 Hit,Need more dilution	YP\AJ	Dilution
10	Q3672-13DL	C0AG0DL	PQ071426.D	21 Nov 2025 11:55	AR1260 hit,Need more dilution	YP\AJ	Not Ok
11	Q3674-01	C0AH9	PQ071427.D	21 Nov 2025 12:16	AR1260 Hit	YP\AJ	Ok
12	Q3674-02	C0AJ0	PQ071428.D	21 Nov 2025 12:31	AR1260 Hit,Need 5X	YP\AJ	Dilution
13	Q3674-03	C0AJ1	PQ071429.D	21 Nov 2025 12:45	AR1260 Hit,Need 50X	YP\AJ	Dilution
14	AR1660CCC500	AR1660CCC500	PQ071430.D	21 Nov 2025 13:43		YP\AJ	Ok,M
15	I.BLK	I.BLK	PQ071431.D	21 Nov 2025 13:59		YP\AJ	Ok
16	PB170671BL	PB170671BL	PQ071432.D	21 Nov 2025 14:13		YP\AJ	Ok
17	PB170671BS	PB170671BS	PQ071433.D	21 Nov 2025 14:28		YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	Q3674-04	C0AJ2	PQ071434.D	21 Nov 2025 14:42	AR1260 Hit,Need 10X	YP\AJ	Dilution
19	Q3674-05	C0AJ3	PQ071435.D	21 Nov 2025 14:57	AR1254+AR1260 Hit	YP\AJ	Ok
20	Q3674-06	C0AJ4	PQ071436.D	21 Nov 2025 15:11	AR1254+AR1260 Hit	YP\AJ	Ok
21	Q3674-07	C0AJ5	PQ071437.D	21 Nov 2025 15:26	AR248+AR1254+AR1260 Hit, Need 2x	YP\AJ	Dilution
22	Q3674-08	C0AJ6	PQ071438.D	21 Nov 2025 15:41	AR1254+AR1260 Hit	YP\AJ	Ok
23	Q3674-09	C0AJ7	PQ071439.D	21 Nov 2025 15:55	AR1260 Hit	YP\AJ	Ok,M
24	Q3674-09MS	C0AJ7MS	PQ071440.D	21 Nov 2025 16:10		YP\AJ	Ok
25	Q3674-09MSD	C0AJ7MSD	PQ071441.D	21 Nov 2025 16:24		YP\AJ	Ok
26	AR1660CCC500	AR1660CCC500	PQ071442.D	21 Nov 2025 17:23		YP\AJ	Ok,M
27	I.BLK	I.BLK	PQ071443.D	21 Nov 2025 18:06		YP\AJ	Ok
28	Q3674-10	C0AJ8	PQ071444.D	21 Nov 2025 18:21	AR1260 Hit	YP\AJ	Ok
29	Q3674-11	C0AJ9	PQ071445.D	21 Nov 2025 18:36	AR1260 Hit	YP\AJ	Ok,M
30	Q3674-12	C0AK0	PQ071446.D	21 Nov 2025 18:50	AR1260 Hit	YP\AJ	Ok
31	Q3674-13	C0AK1	PQ071447.D	21 Nov 2025 19:05	AR1254 Hit	YP\AJ	Ok,M
32	Q3674-14	C0AK3	PQ071448.D	21 Nov 2025 19:19	AR1260 Hit, Need 50x	YP\AJ	Dilution
33	Q3674-15	C0AK4	PQ071449.D	21 Nov 2025 19:34	AR1260 Hit	YP\AJ	Ok
34	Q3693-01	C0AJ7	PQ071450.D	21 Nov 2025 19:48	AR1260 Hit	YP\AJ	Ok
35	Q3693-01MS	C0AJ7MS	PQ071451.D	21 Nov 2025 20:03		YP\AJ	Ok
36	Q3693-01MSD	C0AJ7MSD	PQ071452.D	21 Nov 2025 20:18	RPD fail for AR1260	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

37	Q3693-02	C0AK5	PQ071453.D	21 Nov 2025 20:32	AR1260 Hit	YP\AJ	Ok
38	AR1660CCC500	AR1660CCC500	PQ071454.D	21 Nov 2025 21:31		YP\AJ	Ok,M
39	I.BLK	I.BLK	PQ071455.D	21 Nov 2025 22:29		YP\AJ	Ok
40	PB170682BL	PB170682BL	PQ071456.D	21 Nov 2025 22:44		YP\AJ	Ok
41	PB170682BS	PB170682BS	PQ071457.D	21 Nov 2025 22:58		YP\AJ	Ok
42	Q3693-03	C0AK6	PQ071458.D	21 Nov 2025 23:13	AR1260 hits,Need 50x,500X,DCB high both column	YP\AJ	Dilution
43	Q3693-04	C0AK7	PQ071459.D	21 Nov 2025 23:27	AR1260 Hit, Need 5X	YP\AJ	Dilution
44	Q3693-05	C0AK8	PQ071460.D	21 Nov 2025 23:42	AR1260 Hit	YP\AJ	Ok
45	Q3693-06	C0AK9	PQ071461.D	21 Nov 2025 23:57	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
46	Q3693-07	C0AL0	PQ071462.D	22 Nov 2025 00:11	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
47	Q3693-08	C0AL1	PQ071463.D	22 Nov 2025 00:26	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
48	Q3693-09	C0AL2	PQ071464.D	22 Nov 2025 00:40	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
49	Q3693-10	C0AL3	PQ071465.D	22 Nov 2025 00:55	AR1260 Hit	YP\AJ	Ok
50	AR1660CCC500	AR1660CCC500	PQ071466.D	22 Nov 2025 01:53		YP\AJ	Ok,M
51	I.BLK	I.BLK	PQ071467.D	22 Nov 2025 02:52		YP\AJ	Ok
52	DDT ANALOG	DDT ANALOG	PQ071468.D	22 Nov 2025 03:06		YP\AJ	Ok
53	Q3672-04DL2	C0AE7DL2	PQ071469.D	22 Nov 2025 03:21	AR1260 Hit	YP\AJ	Ok
54	Q3672-13DL2	C0AG0DL2	PQ071470.D	22 Nov 2025 03:36	AR1260 hit,Need more dilution	YP\AJ	Not Ok
55	AR1660CCC500	AR1660CCC500	PQ071471.D	22 Nov 2025 04:34		YP\AJ	Ok,M

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112125

Review By	rahul	Review On	11/21/2025 11:49:09 AM
Supervise By	mohammad	Supervise On	11/26/2025 4:59:58 AM
SubDirectory	PQ112125	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			
56	I.BLK	I.BLK	PQ071472.D 22 Nov 2025 05:32 YP\AJ Ok

M : Manual Integration

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112425

Review By	rahul	Review On	11/24/2025 4:30:55 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:20:05 AM
SubDirectory	PQ112425	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ071473.D	24 Nov 2025 09:50		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071474.D	24 Nov 2025 10:16		YP\AJ	Ok,M
3	I.BLK	I.BLK	PQ071475.D	24 Nov 2025 10:30		YP\AJ	Ok
4	PB170703BL	PB170703BL	PQ071476.D	24 Nov 2025 12:27		YP\AJ	Ok
5	PB170703BS	PB170703BS	PQ071477.D	24 Nov 2025 12:42		YP\AJ	Ok
6	Q3710-01	RBR200028-RT5376-C	PQ071478.D	24 Nov 2025 12:56		YP\AJ	Ok,M
7	Q3710-01MS	RBR200028-RT5376-C	PQ071479.D	24 Nov 2025 13:11		YP\AJ	Ok,M
8	Q3710-01MSD	RBR200028-RT5376-C	PQ071480.D	24 Nov 2025 13:26		YP\AJ	Ok,M
9	Q3710-03	COMPRESSOR-EXCA	PQ071481.D	24 Nov 2025 13:40		YP\AJ	Ok,M
10	Q3710-05	WELD-SHOP-EXCAVA	PQ071482.D	24 Nov 2025 13:55		YP\AJ	Ok,M
11	Q3672-12DL2	C0AF9DL2	PQ071483.D	24 Nov 2025 14:09	AR1248+AR1260 Hit	YP\AJ	Ok
12	Q3674-02DL	C0AJ0DL	PQ071484.D	24 Nov 2025 14:54	AR1260 Hit	YP\AJ	Ok,M
13	Q3672-13DL	C0AG0DL	PQ071485.D	24 Nov 2025 15:09	AR1260 hlt,Need more dilution	YP\AJ	Not Ok
14	AR1660CCC500	AR1660CCC500	PQ071486.D	24 Nov 2025 15:38		YP\AJ	Ok
15	I.BLK	I.BLK	PQ071487.D	24 Nov 2025 15:52		YP\AJ	Ok
16	Q3672-13DL2	C0AG0DL2	PQ071488.D	24 Nov 2025 16:07	AR1260 hlt,Need more dilution	YP\AJ	Not Ok
17	Q3672-13DL	C0AG0DL	PQ071489.D	24 Nov 2025 16:29	AR1260 hlt,Need more dilution	YP\AJ	Dilution
18	Q3674-03DL	C0AJ1DL	PQ071490.D	24 Nov 2025 16:43	AR1260 Hit	YP\AJ	Ok

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QC Batch ID # PQ112425

Review By	rahul	Review On	11/24/2025 4:30:55 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:20:05 AM
SubDirectory	PQ112425	HP Acquire Method	HP Processing Method PQ111825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3674-04DL	C0AJ2DL	PQ071491.D	24 Nov 2025 16:58	AR1260 Hit	YP\AJ	Ok
20	Q3674-07DL	C0AJ5DL	PQ071492.D	24 Nov 2025 17:12	AR248+AR1254+AR1260 Hit	YP\AJ	Ok
21	Q3674-14DL	C0AK3DL	PQ071493.D	24 Nov 2025 17:27	AR1260 Hit	YP\AJ	Ok
22	Q3672-13DL2	C0AG0DL2	PQ071494.D	24 Nov 2025 17:42	AR1260 hlt	YP\AJ	Ok
23	Q3672-13DL2	C0AG0DL2	PQ071495.D	24 Nov 2025 17:56	AR1260 Hit , Not needed	YP\AJ	Not Ok
24	AR1660CCC500	AR1660CCC500	PQ071496.D	24 Nov 2025 18:25		YP\AJ	Ok
25	I.BLK	I.BLK	PQ071497.D	24 Nov 2025 19:09		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137967

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
Q3672-01	C0AE4	1	1.15	10.32	11.47	9.58	81.7	
Q3672-02	C0AE5	2	1.16	10.65	11.81	9.95	82.5	
Q3672-03	C0AE6	3	1.15	10.40	11.55	9.71	82.3	
Q3672-04	C0AE7	4	1.18	10.53	11.71	9.6	80.0	
Q3672-05	C0AE8	5	1.19	10.30	11.49	9.12	77.0	
Q3672-06	C0AE9	6	1.17	10.28	11.45	9.48	80.8	
Q3672-07	C0AF0	7	1.18	10.40	11.58	9.64	81.3	
Q3672-08	C0AF1	8	1.14	10.55	11.69	9.78	81.9	
Q3672-09	C0AF2	9	1.16	10.71	11.87	10.3	85.3	
Q3672-10	C0AF7	10	1.14	10.74	11.88	10.1	83.4	
Q3672-11	C0AF8	11	1.19	10.65	11.84	10.11	83.8	
Q3672-12	C0AF9	12	1.16	10.73	11.89	10.12	83.5	
Q3672-13	C0AG0	13	1.17	10.39	11.56	9.53	80.5	
Q3672-14	C0AG1	14	1.19	10.11	11.3	9.47	81.9	
Q3672-15	C0AG2	15	1.16	10.83	11.99	10.15	83.0	
Q3672-16	C0AG3	16	1.15	10.90	12.05	10.18	82.8	
Q3672-17	C0AG4	17	1.19	10.32	11.51	9.86	84.0	
Q3672-18	C0AG5	18	1.19	10.42	11.61	9.82	82.8	
Q3672-19	C0AK2	19	1.14	10.86	12.00	10.18	83.2	
Q3673-01	C0AG6	20	1.15	10.56	11.71	9.75	81.4	
Q3673-01D	C0AG6DUP	21	1.16	10.57	11.73	9.77	81.5	
Q3673-02	C0AG7	22	1.16	11.02	12.18	10.14	81.5	
Q3673-03	C0AG8	23	1.19	11.00	12.19	10.38	83.5	
Q3673-04	C0AG9	24	1.14	10.07	11.21	9.41	82.1	
Q3673-05	C0AH0	25	1.13	10.58	11.71	9.91	83.0	
Q3673-06	C0AH1	26	1.15	10.40	11.55	9.92	84.3	
Q3673-07	C0AH2	27	1.15	10.85	12.00	10.19	83.3	
Q3673-08	C0AH3	28	1.14	10.42	11.56	9.55	80.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137967

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
Q3673-09	COAH4	29	1.16	10.72	11.88	9.65	79.2	
Q3673-10	COAH5	30	1.14	10.99	12.13	10.08	81.3	
Q3673-11	COAH6	31	1.18	10.12	11.3	9.56	82.8	
Q3673-12	COAH7	32	1.16	10.54	11.7	10.09	84.7	
Q3673-13	COAH8	33	1.14	10.34	11.48	9.4	79.9	
Q3674-01	COAH9	34	1.15	10.30	11.45	9.74	83.4	
Q3674-02	COAJ0	35	1.16	10.16	11.32	9.91	86.1	
Q3674-03	COAJ1	36	1.13	10.81	11.94	10.28	84.6	
Q3674-04	COAJ2	37	1.13	10.10	11.23	9.46	82.5	
Q3674-05	COAJ3	38	1.13	10.36	11.49	9.92	84.8	
Q3674-06	COAJ4	39	1.18	10.97	12.15	10.59	85.8	
Q3674-07	COAJ5	40	1.2	10.82	12.02	10.29	84.0	
Q3674-08	COAJ6	41	1.14	10.13	11.27	9.67	84.2	
Q3674-08D	COAJ6DUP	42	1.15	10.15	11.3	9.69	84.1	
Q3674-09	COAJ7	43	1.19	10.43	11.62	9.99	84.4	
Q3674-10	COAJ8	44	1.19	10.08	11.27	9.69	84.3	
Q3674-11	COAJ9	45	1.11	10.22	11.33	9.62	83.3	
Q3674-12	COAK0	46	1.11	10.05	11.16	9.47	83.2	
Q3674-13	COAK1	47	1.16	10.64	11.8	9.81	81.3	
Q3674-14	COAK3	48	1.19	10.35	11.54	9.78	83.0	
Q3674-15	COAK4	49	1.16	10.49	11.65	9.93	83.6	
Q3677-01	COMP-1	50	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3678-01	COMPOSITE-STONE	51	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3679-01	111425-A	52	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3679-02	111825	53	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3680-01	JEC870H-1-1	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3680-02	JEC870H-1-2	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3681-01	ETGI-354	56	1.11	10.58	11.69	9.92	83.3	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137967

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
Q3681-02	ETGI-354-E2	57	1.15	10.32	11.47	9.91	84.9	
Q3683-01	BC270901-1-1	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3683-02	BC270901-1-2	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3684-01	BC283069-1-1	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3684-02	BC283069-1-2	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3686-01	FAIRLAWN-GRAVEL	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3686-02	FAIRLAWN-GRAVEL-E2	63	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS

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

WORKLIST(Hardcopy Internal Chain)

SP 134961

WorkList Name : %1-111925

WorkList ID : 193205

Department : Wet-Chemistry

Date : 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3672-01	C0AE4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-02	C0AE5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-03	C0AE6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-04	C0AE7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-05	C0AE8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-06	C0AE9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-07	C0AF0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-08	C0AF1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-09	C0AF2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-10	C0AF7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-11	C0AF8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-12	C0AF9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-13	C0AG0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-14	C0AG1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-15	C0AG2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-16	C0AG3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-17	C0AG4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-18	C0AG5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3672-19	C0AK2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-01	C0AG6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-02	C0AG7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO

Date/Time 11-19-25 15:25

Raw Sample Received by: SP WOC

Raw Sample Relinquished by: SP WOC

Date/Time

11-19-25

Raw Sample Received by:

Page 1 of 3

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

S7 137967

WorkList Name : %1-111925

WorkList ID : 193205

Department : Wet-Chemistry

Date : 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3673-03	C0AG8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-04	C0AG9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-05	C0AH0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-06	C0AH1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-07	C0AH2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-08	C0AH3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-09	C0AH4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-10	C0AH5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-11	C0AH6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-12	C0AH7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3673-13	C0AH8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-01	C0AH9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-02	C0AJ0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-03	C0AJ1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-04	C0AJ2	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-05	C0AJ3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-06	C0AJ4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-07	C0AJ5	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-08	C0AJ6	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-09	C0AJ7	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-10	C0AJ8	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO

Date/Time

11-19-25 15:23

Raw Sample Received by:

S7 137967

Raw Sample Relinquished by:

S7 137967

Date/Time

11-19-25

Raw Sample Received by:

S7 137967

Raw Sample Relinquished by:

S7 137967

WORKLIST(Hardcopy Internal Chain)

87137967

WorkList Name : %1-111925

WorkList ID : 193205

Department : Wet-Chemistry

Date : 11-19-2025 08:20:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3674-11	C0AJ9	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-12	C0AK0	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-13	C0AK1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-14	C0AK3	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3674-15	C0AK4	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3677-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	TETR16	D51	11/17/2025	Chemtech -SO
Q3678-01	COMPOSITE-STONE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3679-01	111425-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3679-02	111825	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3680-01	JEC870H-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3680-02	JEC870H-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3681-01	ETGI-354	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3681-02	ETGI-354-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3683-01	BC270901-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3683-02	BC270901-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3684-01	BC283069-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/19/2025	Chemtech -SO
Q3684-02	BC283069-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO
Q3686-01	FAIRLAWN-GRAVEL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO
Q3686-02	FAIRLAWN-GRAVEL-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	11/19/2025	Chemtech -SO

Date/Time 11-19-25 15125

Raw Sample Received by: 30600

Raw Sample Relinquished by: 30600

Date/Time 11-19-25 17140

Raw Sample Received by: 30600

Raw Sample Relinquished by: 30600

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/21/2025

Extraction Start Time : 08:35

Extraction End Date : 11/21/2025

Extraction End Time : 11:50

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP25072
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
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3984
H2SO4 1:1	N/A	EP2657
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:

40ML Vial Lot # 03-40BTS721. Q3697-02,03 used Limited volume as samples are Oily Debris.

KD Bath ID: N/A

Envap ID: N-EVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/21/25	RS (But lab)	Rel Pest PCB
11:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/21/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170671BL	ABLK671	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170671BS	ALCS671	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3674-01	C0AH9	PCB	30.06	N/A	ritesh	Evelyn	10			3
Q3674-02	C0AJ0	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q3674-03	C0AJ1	PCB	30.02	N/A	ritesh	Evelyn	10			5
Q3674-04	C0AJ2	PCB	30.07	N/A	ritesh	Evelyn	10			6
Q3674-05	C0AJ3	PCB	30.03	N/A	ritesh	Evelyn	10			U2-1
Q3674-06	C0AJ4	PCB	30.05	N/A	ritesh	Evelyn	10			2
Q3674-07	C0AJ5	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q3674-08	C0AJ6	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q3674-09	C0AJ7	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3674-09MS	C0AJ7MS	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q3674-09MS D	C0AJ7MSD	PCB	30.08	N/A	ritesh	Evelyn	10			U3-1
Q3674-10	C0AJ8	PCB	30.09	N/A	ritesh	Evelyn	10			2
Q3674-11	C0AJ9	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q3674-12	C0AK0	PCB	30.03	N/A	ritesh	Evelyn	10			4
Q3674-13	C0AK1	PCB	30.01	N/A	ritesh	Evelyn	10			5
Q3674-14	C0AK3	PCB	30.06	N/A	ritesh	Evelyn	10			6
Q3674-15	C0AK4	PCB	30.05	N/A	ritesh	Evelyn	10			U4-1
Q3697-01	MOO-25-0331	PCB	30.02	N/A	ritesh	Evelyn	10	E	Small Particles	2
Q3697-02	MOO-25-0332	PCB	5.03	N/A	ritesh	Evelyn	10	B	Oily Debris	3
Q3697-03	MOO-25-0333	PCB	5.06	N/A	ritesh	Evelyn	10	B	Oily Debris	4
Q3699-01	TR-04-112025	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q3699-03	TR-06-112025	PCB	30.05	N/A	ritesh	Evelyn	10	E		6

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3674 WorkList ID : 193274 Department : Extraction Date : 11-21-2025 08:30:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3674-01	C0AH9	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-02	C0AJ0	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-03	C0AJ1	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-04	C0AJ2	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-05	C0AJ3	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-06	C0AJ4	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-07	C0AJ5	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-08	C0AJ6	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-09	C0AJ7	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-10	C0AJ8	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-11	C0AJ9	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-12	C0AK0	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-13	C0AK1	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-14	C0AK3	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3674-15	C0AK4	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3697-01	MOO-25-0331	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/20/2025	8082A
Q3697-02	MOO-25-0332	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/20/2025	8082A
Q3697-03	MOO-25-0333	Solid	PCB	Cool 4 deg C	PSEG03	D41	11/20/2025	8082A
Q3699-01	TR-04-112025	Solid	PCB	Cool 4 deg C	PSEG05	D41	11/20/2025	8082A
Q3699-03	TR-06-112025	Solid	PCB	Cool 4 deg C	PSEG05	D41	11/20/2025	8082A

Date/Time 11/21/25 8:30
 Raw Sample Received by: R3 (EPA-Sub)
 Raw Sample Relinquished by: [Signature]

Date/Time 11/21/25 9:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: R3 (EPA-Sub)

Prep Standard - Chemical Standard Summary

Order ID : Q3674

Test : PCB

Prepbatch ID : PB170671,

Sequence ID/Qc Batch ID: PQ112125,PQ112425,

Standard ID :

EP2657,EP2660,EP2663,PP24329,PP24330,PP24381,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,PP25072,

Chemical ID :

E3804,E3875,E3951,E3962,E3963,E3972,E3982,E3984,M6186,P 11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13789,P13833,P13879,P13881,P13885,P14240,W3112,W3177,W3234,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2657	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 1000.00000ml of M6186 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2660	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2663	11/20/2025	05/20/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 11/20/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12952 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza 08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24930	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel
								09/19/2025

FROM 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP25072	11/19/2025	05/19/2026	Abdul Mirza	None	None	Rahul Chavli
FROM 1.00000ml of P14240 + 999.00000ml of E3982 = Final Quantity: 1000.000 ml								

CHEMICAL RECEIPT LOG BOOK

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	02/18/2026	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 #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

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)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

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	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

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)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

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)	25C0362006	04/30/2026	11/06/2025 / RUPESH	11/05/2025 / RUPESH	E3984

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)	23D2462010	07/12/2026	08/13/2025 / Sagar	08/06/2025 / Sagar	M6186

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

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	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

CHEMICAL RECEIPT LOG BOOK

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	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

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	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

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	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

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	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

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	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

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	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

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	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	05/19/2026	11/19/2025 / Abdul	11/19/2025 / Abdul	P14240

CHEMICAL RECEIPT LOG BOOK

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

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	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

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)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

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

Certificate of Analysis

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

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

avantor™



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

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

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



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

Test	Specification	Result
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For Microelectronic Use

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



Michelle Bales
Sr. Manager, Quality Assurance



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

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

RE-02-01, Ed. 3

E 3875

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Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

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



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
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	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

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

Received on 7/30/25

E3962

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™



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

Certificate of Analysis

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

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

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

Received on 8/6/25

E 3963

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date: 2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

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

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

E3972

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™



Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date: 2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.1
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

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

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

Received on 10/29/25

E3982

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

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

avantor™



Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
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	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	4
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

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

Received on 11/5/25

E3984

Jamie Croak
Director Quality Operations, Bioscience Production

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



MG186

Reciev Date :- 08/06/25

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H ₂ SO ₄)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO ₂)	≤ 2 ppm	< 2 ppm
Ammonium (NH ₄)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO ₃)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO ₄)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

 **avantorsm**

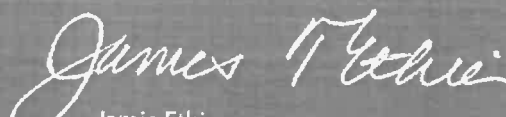


Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory, Research, or Manufacturing Use

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


Jamie Ethier
Vice President Global Quality



Certificate of Analysis

P11518
↓
P11522
AJ
02/21/22

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1

Lot Issue Date: 09-Feb-2021

Lot Number: 0006587800

Expiration Date: 31-Mar-2029

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

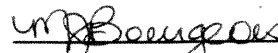
Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



CERTIFIED REFERENCE MATERIAL

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

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32011 Lot No.: A0175403
Description : Aroclor® 1254 Standard
Aroclor® 1254 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 1254 CAS # 11097-69-1 (Lot 124-191-B) Purity ----%	1,000.7 µg/mL	+/- 5.9437 µg/mL Gravimetric +/- 31.7284 µg/mL Unstressed +/- 41.4406 µg/mL Stressed

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

P11588
↓
P11592 / (S)

AR
04/30/2022

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:

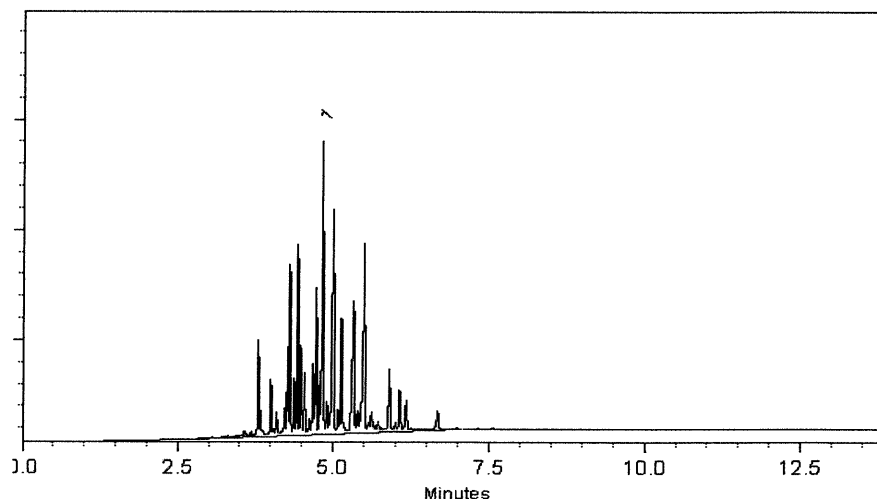
250°C

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.

Cathleen Soltis

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

Alexis Shelow

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

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

P11588
↓
P11592

AR
04/30/22



CERTIFIED WEIGHT REPORT

Part Number: **91867**
 Lot Number: **020823**
 Description: **WP 037 - Aroclor 1232**
PCB Technical Mixture
 Expiration Date: **020833**
 Recommended Storage: **Ambient (20 °C)**
 Nominal Concentration (µg/mL): **100**
 NIST Test ID#: **6UTB**

Solvent/
Acet

5E-05 Balance Uncertainty

0.057 Flask Uncertainty

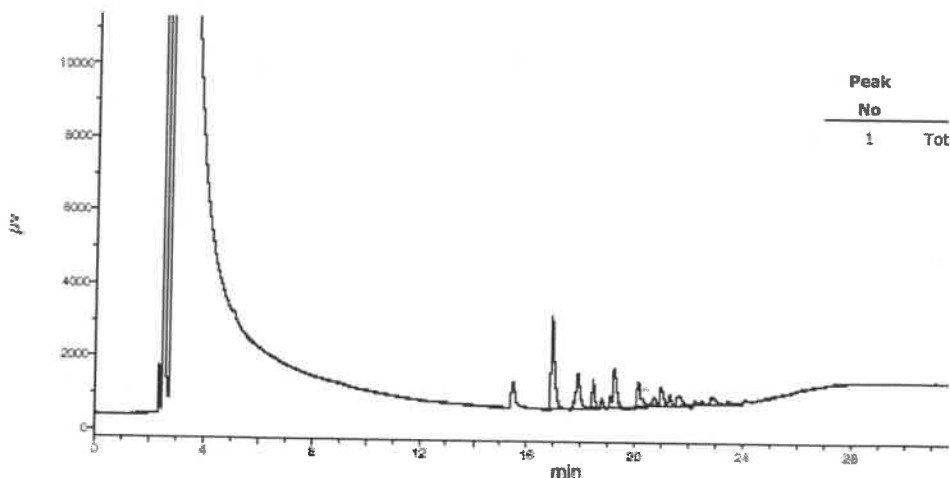
Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- 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 certified (+/-) 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 Measurements", 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 X 5µm film thickness
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 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



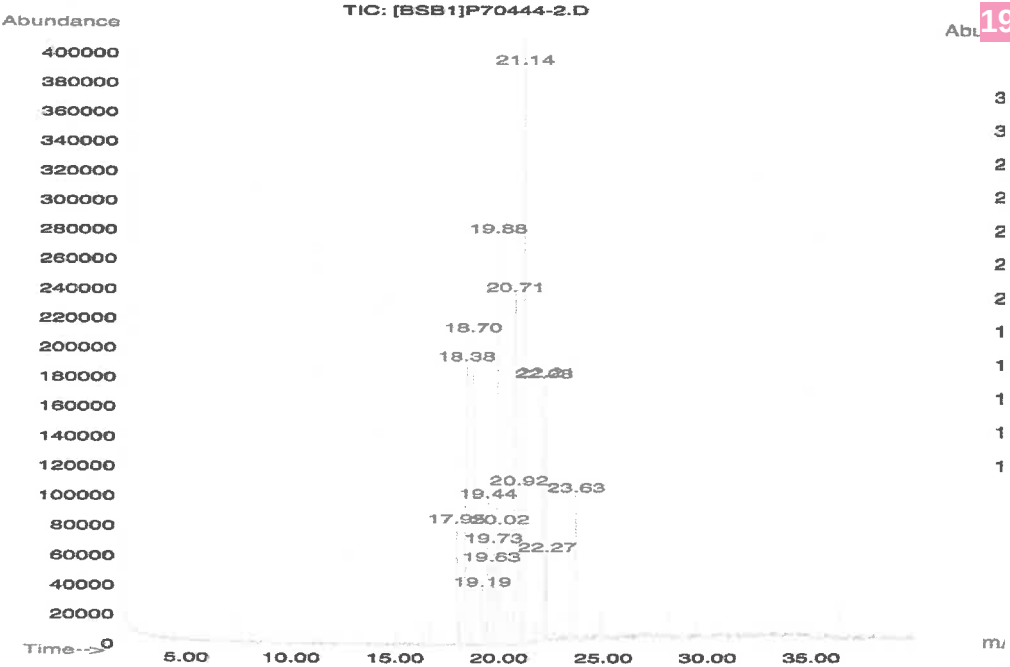


CERTIFIED WEIGHT REPORT

Part Number: X9166 Solvent(s):
Lot Number: 060523 Methanol
Description: Aroclor 1262
Appendix IX Compound
Expiration Date: 060533
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 20.0 0.002 Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)
1. Aroclor 1262	70444	080322	0.10	2.00	0.017

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric measurements.
- Standards are prepared gravimetrically using balances that are calibrated with weights.
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of Experimental Results", NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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): Hexane
Lot# 273615

		022023
Formulated By:	Benson Chan	DATE
		022023
Reviewed By:	Pedro L. Rentas	DATE

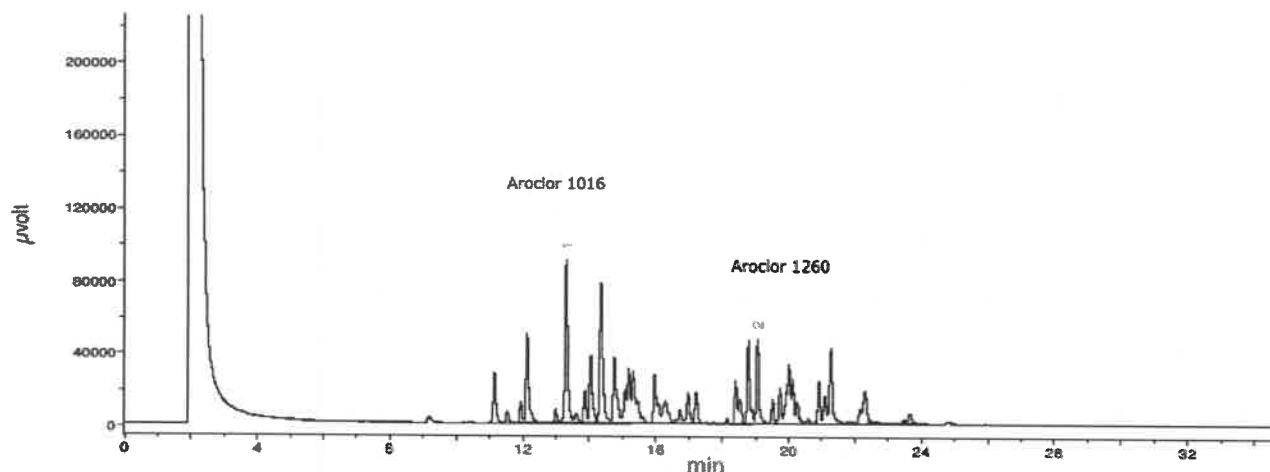
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P12955
748
12/20/23

Weight(s) shown below were combined and diluted to (mL): 200.0
5E-05 Balance Uncertainty
0.010 Flask Uncertainty

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	ori-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 certified (+/-) 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
Hydrogen (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





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): Hexane
Lot# 273615

		022023
Formulated By:	Benson Chan	DATE
		022023
Reviewed By:	Pedro L. Rentas	DATE

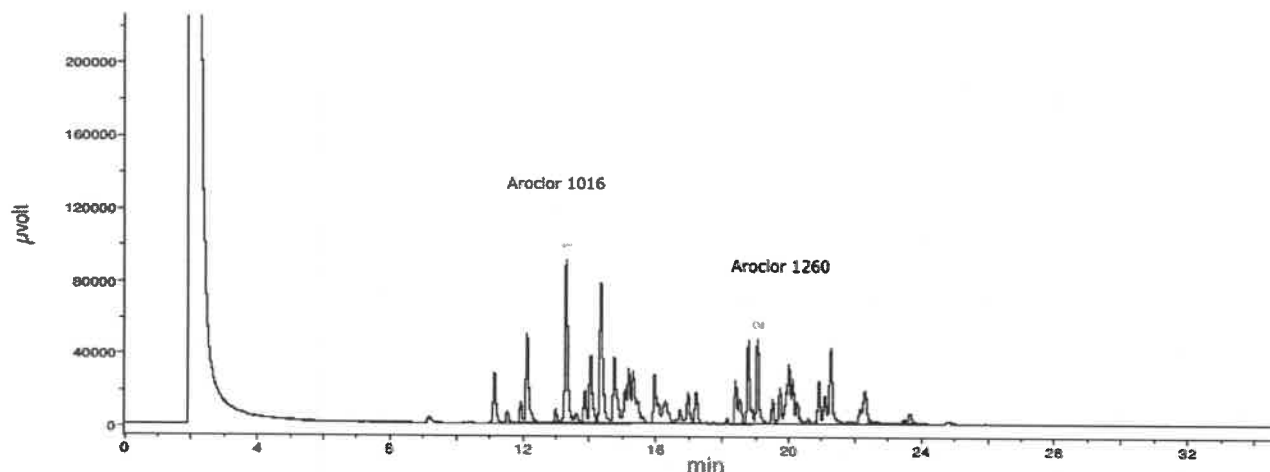
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P12955
748
12/20/23

Weight(s) shown below were combined and diluted to (mL): 200.0
5E-05 Balance Uncertainty
0.010 Flask Uncertainty

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	ori-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 certified (+/-) 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
Hydrogen (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





CERTIFIED WEIGHT REPORT

Part Number: **99139**
Lot Number: **121823**
Description: **Aroclor 1254**

Solvent(s):
Iso-octane
Lot#
82227

<i>Anthony Mahoney</i>		121823
Formulated By:	Anthony Mahoney	DATE
<i>Pedro L. Rentas</i>		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 } Y-P
12/20/23

Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB
Volume(s) shown below were combined and diluted to (mL): 20.0
Note: Aroclor 1254 is a mix of isomers.

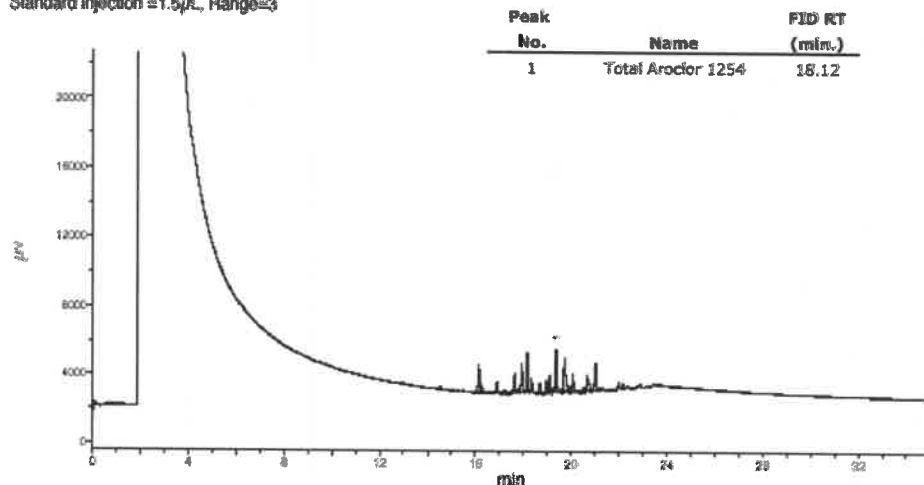
5E-05 Balance Uncertainty
0.003 Flask Uncertainty

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)		
									CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/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 certified (+/-) 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-606 30 meter X 0.53mm X 5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 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





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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

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

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

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

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

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:

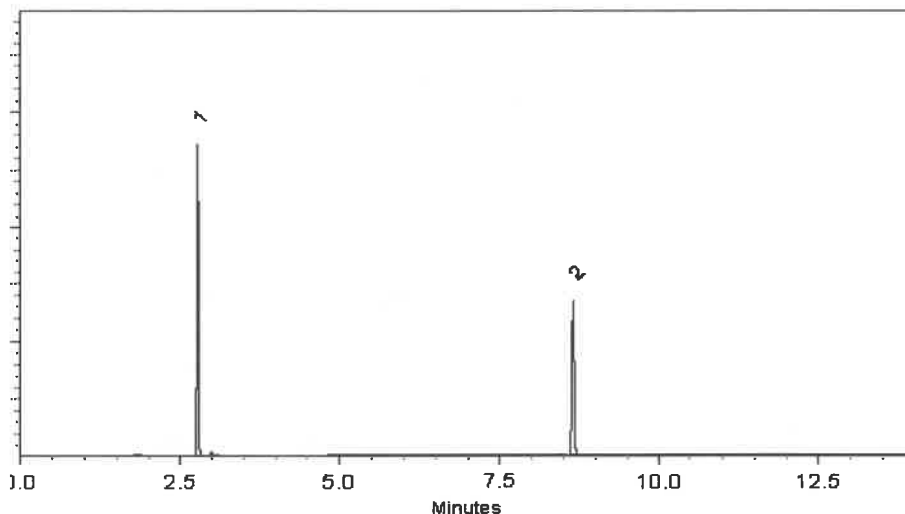
ECD

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.

Laith Clemente
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905

Jennifer J. Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348
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P 13357
10

SAUF
04/25/2025



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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

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

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 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

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

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

P 13374
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P 13375
/

[Signature]
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:

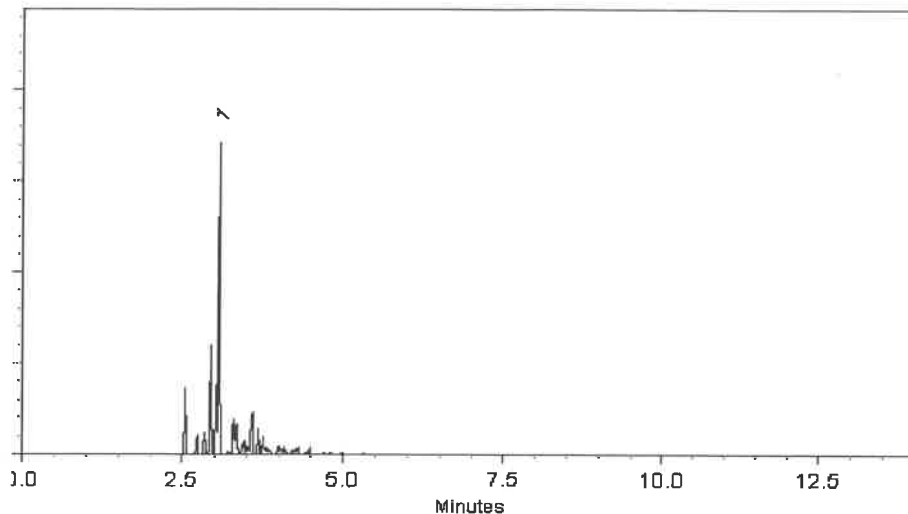
ECD

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.


Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

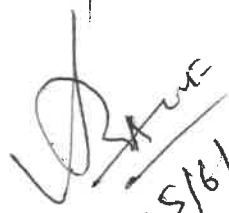
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

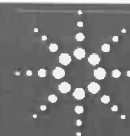
Date Passed: 08-Feb-2024

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

P 13374 } ②
↓
P 13375 }


05/6/2024

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
↓
P13590AJ
10/14/24

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 95T215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

Reference Material Certificate
Product Information Sheet

Product Name: Aroclor 1248 Standard

Lot Number: 0006726317

Product Number: PP-342-1

Lot Issue Date: 27-Jan-2023

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 28-Feb-2031

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3 ±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
↓
P13592

AS
10/14/2024

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:



Monica Bourgeois
QMS Representative



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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. : 32010 **Lot No.:** A0214733

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

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

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

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

P13695 } Y.P.
P13696 } 10/17/24

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	15242800	----%	1,005.0 µg/mL	+/- 55.7700

* 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:

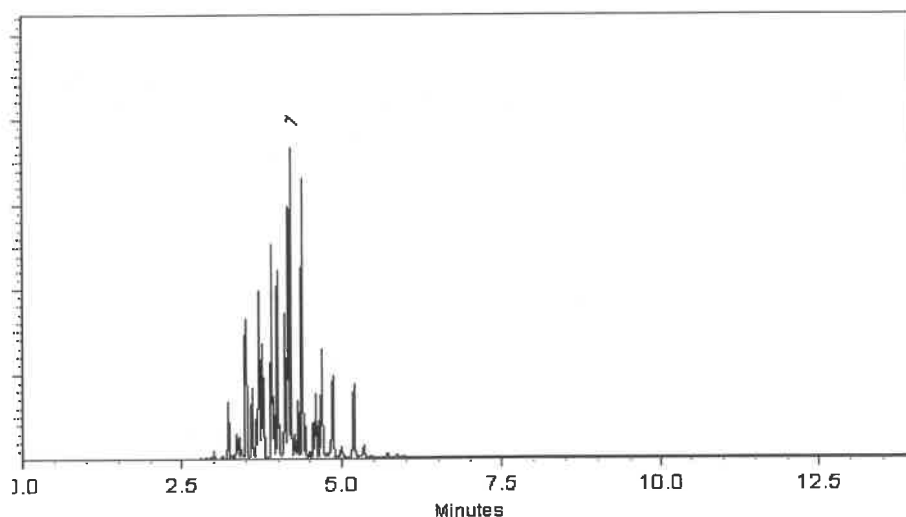
ECD

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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

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

Manufacturing Notes:

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

Handling Notes:

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



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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.:** A0210629

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 : July 31, 2030 **Storage:** 25°C nominal

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

P13697
↓
P13701 } Y.P.
10/19/24

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	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* 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:

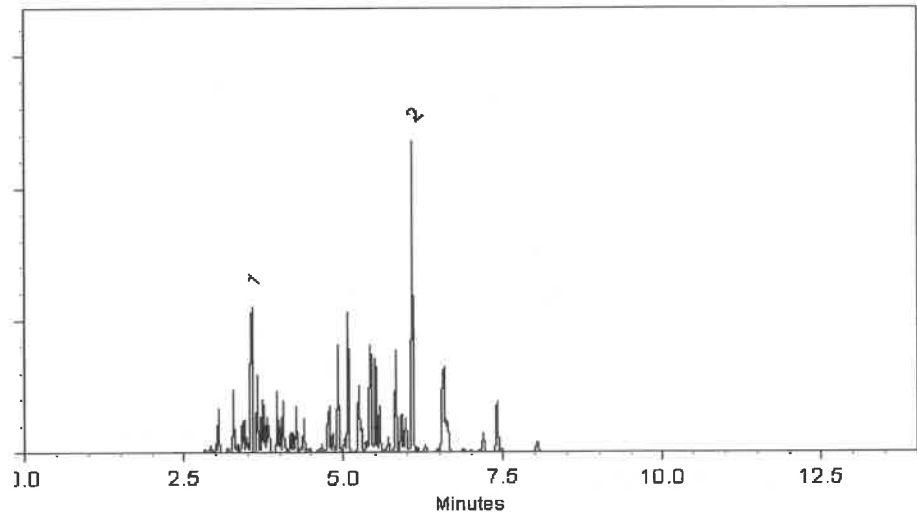
ECD

Split Vent:

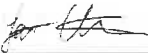
10 ml/min.

Inj. Vol

0.2µl

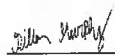


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024

Balance Serial # B442140311


Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

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

Manufacturing Notes:

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

Handling Notes:

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



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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.:** A0210232
Description : Aroclor® 1242 Standard
Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

P13706 } y.p.
P13707 } 10/17/24

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	----%	1,000.7 µg/mL	+/- 55.5295

* 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:

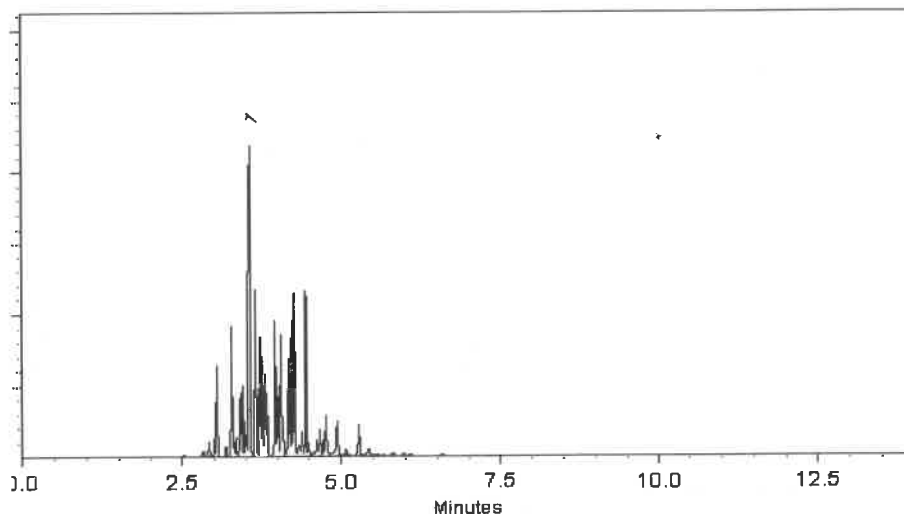
ECD

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.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311


Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

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

Manufacturing Notes:

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

Handling Notes:

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



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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. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

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

P19785
↓
P19789
AJ
11/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

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

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

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

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:

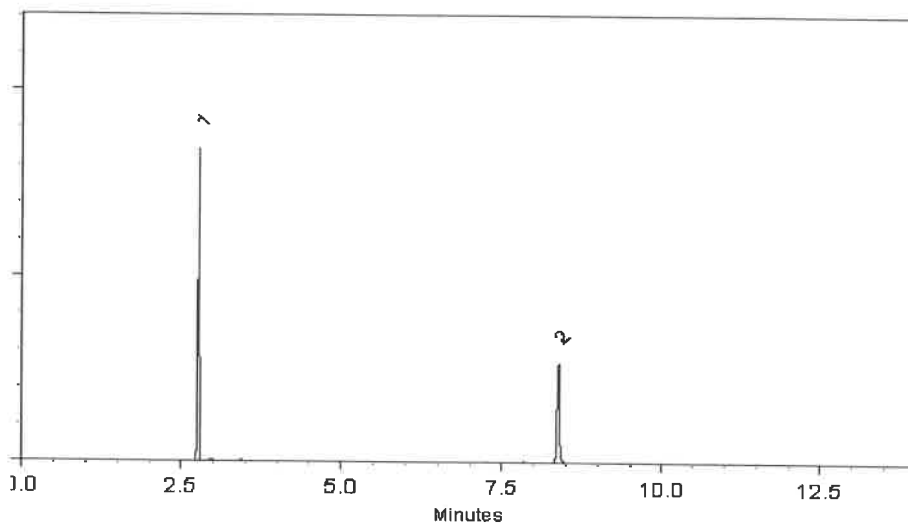
ECD

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.

A.O.E.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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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. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

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

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

Expiration Date : January 31, 2031 **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 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

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

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

P13830
↓
P13832
↓
P13834
AJ
12/09/24

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.)

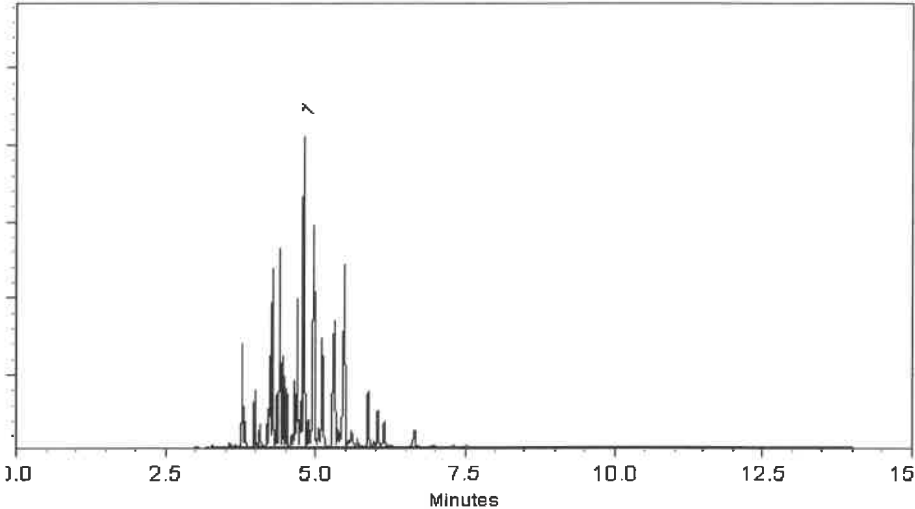
Inj. Temp:
250°C

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.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024 Balance Serial # C322230531

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : March 31, 2031 **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	----%	1,007.0 µg/mL	+/- 55.8810

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

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

P13878
↓
P13850

AJ
01/28/25

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:

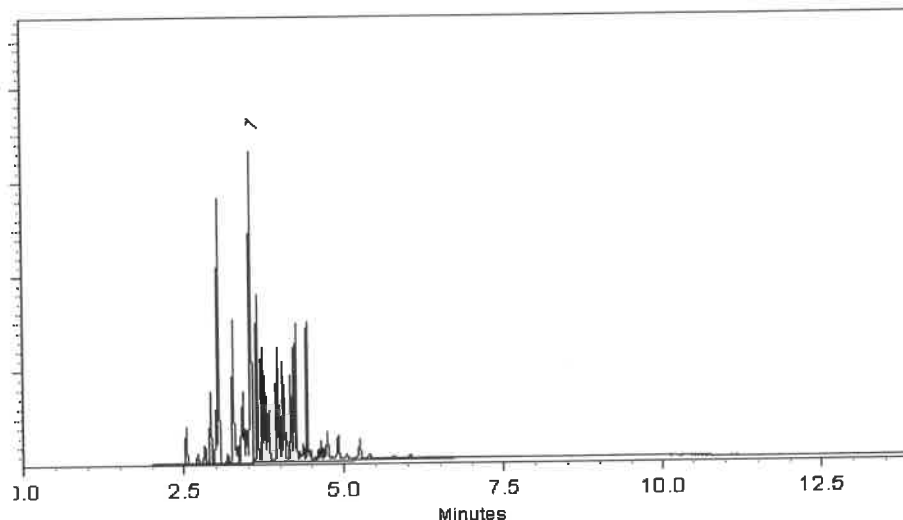
ECD

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.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial # C322230531

Brittany Federinko
Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

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



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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard
Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

Expiration Date : December 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 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

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

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

P13881
AJ
01/28/25

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:

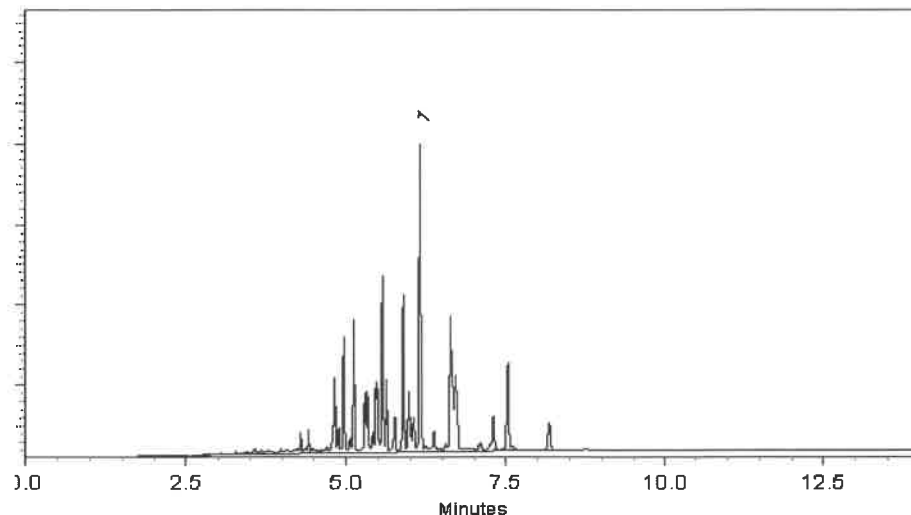
ECD

Split Vent:

300 ml/min.

Inj. Vol

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.

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32410 **Lot No.:** A0217264

Description : Aroclor® 1268 Standard

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

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

Expiration Date : January 31, 2031 **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	12353400	----%	1,009.8 µg/mL	+/- 56.0364

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

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

P13884
↓
P13886

AJ
01/28/25

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:

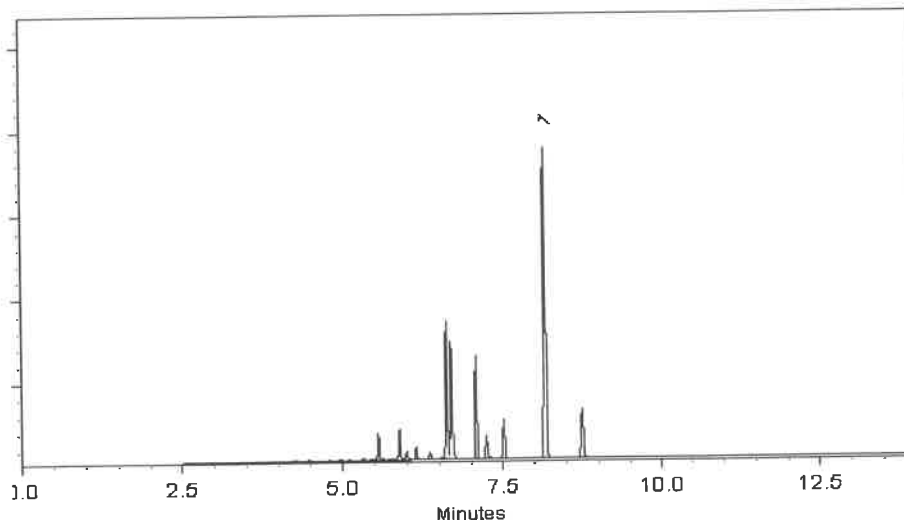
ECD

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.

Stacey Wanner - Operations Technician I

Date Mixed: 01-Oct-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

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

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



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

W3147
W3147
02/03/2023
JP

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 ₂ SO 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

J. Croak
Jamie Croak
Director Quality Operations, Bioscience Packaging

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



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

W3234 88
OP4421 07/28/2025

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	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO 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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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



SHIPPING DOCUMENTS

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

USEPA CLP COC (LAB COPY)

Date Shipped: 11/18/2025

Carrier Name: FedEx

Airbill No: 8861 5500 2054

CHAIN OF CUSTODY RECORD

DAS #: R37108

Cooler #:

No: 3-111825-110752-0011

Lab: Alliance Technical Group, LLC

Lab Contact: Yazmeen Gomez

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
BSA-DU09-CS(0-10)-D1-20251117	C0AH9	Soil/ START	Composite	PCB(3)	1190 (Cool to 6C) (1)	DU09 D1	11/17/2025 15:05	
BSA-DU09-CS(0-10)-D2-20251117	C0AJ0	Soil/ START	Composite	PCB(3)	1191 (Cool to 6C) (1)	DU09 D2	11/17/2025 15:10	
BSA-DU09-CS(0-10)-D3-20251117	C0AJ1	Soil/ START	Composite	PCB(3)	1192 (Cool to 6C) (1)	DU09 D3	11/17/2025 15:15	
BSA-DU09-CS(0-10)-D4-20251117	C0AJ2	Soil/ START	Composite	PCB(3)	1193 (Cool to 6C) (1)	DU09 D4	11/17/2025 15:25	
BSA-DU09-CS(0-10)-D5-20251117	C0AJ3	Soil/ START	Composite	PCB(3)	1194 (Cool to 6C) (1)	DU09 D5	11/17/2025 15:30	
BSA-DU09-CS(0-10)-D6-20251117	C0AJ4	Soil/ START	Composite	PCB(3)	1195 (Cool to 6C) (1)	DU09 D6	11/17/2025 15:35	
BSA-DU09-CS(0-10)-D7-20251117	C0AJ5	Soil/ START	Composite	PCB(3)	1196 (Cool to 6C) (1)	DU09 D7	11/17/2025 15:40	
BSA-DU09-CS(0-10)-D8-20251117	C0AJ6	Soil/ START	Composite	PCB(3)	1197 (Cool to 6C) (1)	DU09 D8	11/17/2025 15:45	
BSA-DU09-CS(0-10)-D9-20251117	C0AJ7	Soil/ START	Composite	PCB(3)	1198 (Cool to 6C) (1)	DU09 D9	11/17/2025 15:50	
BSA-DU09-CS(0-10)-D10-20251117	C0AJ8	Soil/ START	Composite	PCB(3)	1199 (Cool to 6C) (1)	DU09 D10	11/17/2025 15:53	

Special Instructions: DU09 D samples	Shipment for Case Complete? N
	Samples Transferred From Chain of Custody #
Analysis Key: PCB=PCBs	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sample Shipment	<i>[Signature]</i> / START	11/18/2025 1515	<i>[Signature]</i>	11/19/25 10:33	IR Cam #1 20°C

Q3674

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 3-111825-110752-0011

DateShipped: 11/18/2025

Lab: Alliance Technical Group, LLC

CarrierName: FedEx

DAS #: R37108

Lab Contact: Yazmeen Gomez

AirbillNo: 8861 5500 2054

Cooler #:

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
BSA-DU09-CS(0-10)-D11-20251117	C0AJ9	Soil/ START	Composite	PCB(3)	1200 (Cool to 6C) (1)	DU09 D11	11/17/2025 15:58	
BSA-DU09-CS(0-10)-D12-20251117	C0AK0	Soil/ START	Composite	PCB(3)	1201 (Cool to 6C) (1)	DU09 D12	11/17/2025 16:03	
BSA-DU09-CS(0-10)-D13-20251117	C0AK1	Soil/ START	Composite	PCB(3)	1202 (Cool to 6C) (1)	DU09 D13	11/17/2025 16:10	
BSA-DU09-CS(0-10)-D3-DUP-20251117	C0AK3	Soil/ START	Composite	PCB(3)	1204 (Cool to 6C) (1)	QC	11/17/2025 12:00	
BSA-DU09-CS(0-10)-D10-DUP-20251117	C0AK4	Soil/ START	Composite	PCB(3)	1205 (Cool to 6C) (1)	QC	11/17/2025 12:00	

Special Instructions: DU09 D samples	Shipment for Case Complete? N
	Samples Transferred From Chain of Custody #
Analysis Key: PCB=PCBs	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Sample Shipment	Emily Hull / START	11/18/25 15:15	CL	11/18/25 10:25	26°C / 20°C

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312