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

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 : Q3672

ATTENTION : Ava Heiss

Laboratory Certification ID # 20012

Table Of Contents for Q3672

1) PCB Data 2

2) Signature Page 5

3) Case Narrative 6

4) Qualifier Page 9

5) Conformance/Non Conformance 10

6) QA Checklist 13

7) Chronicle 14

8) Hit Summary 17

9) QC Data Summary For PCB 21

- 9.1) Deuterated Monitoring Compound Summary 22
- 9.2) MS/MSD Summary 27
- 9.3) LCS/LCSD Summary 29
- 9.4) Method Blank Summary 30

10) Sample Data 31

- 10.1) C0AE4 32
- 10.2) C0AE5 44
- 10.3) C0AE5DL 53
- 10.4) C0AE6 62
- 10.5) C0AE6DL 69
- 10.6) C0AE7 76
- 10.7) C0AE7DL 83
- 10.8) C0AE7DL2 90
- 10.9) C0AE8 97
- 10.10) C0AE8DL 104
- 10.11) C0AE9 111
- 10.12) C0AF0 123
- 10.13) C0AF1 135
- 10.14) C0AF2 142
- 10.15) C0AF7 146
- 10.16) C0AF8 158
- 10.17) C0AF8DL 170
- 10.18) C0AF9 182
- 10.19) C0AF9DL 191
- 10.20) C0AF9DL2 200
- 10.21) C0AG0 209

10.22) C0AG0DL 216
10.23) C0AG0DL2 223
10.24) C0AG1 230
10.25) C0AG2 239
10.26) C0AG3 251
10.27) C0AG4 258
10.28) C0AG5 265
10.29) C0AK2 269
11) Calibration Data Summary 281
11.1) Initial Calibration Data 282
11.1.1) PQ111825 282
11.2) Continued Calibration Data 377
11.2.1) PQ071386.D 377
11.2.2) PQ071398.D 389
11.2.3) PQ071410.D 401
11.2.4) PQ071415.D 413
11.2.5) PQ071418.D 425
11.2.6) PQ071430.D 437
11.2.7) PQ071466.D 449
11.2.8) PQ071471.D 461
11.2.9) PQ071474.D 473
11.2.10) PQ071486.D 485
11.2.11) PQ071496.D 497
11.3) Analytical Seq 509
12) Compound Detection Summary 513
13) QC Sample Data 553
13.1) Method Blank Data 554
13.2) PIBLK Data 558
13.3) LCS Data 606
13.4) MS Data 615
13.5) MSD Data 629
14) Manual Integration 643
15) Analytical Runlogs 653
16) Percent Solid 677
17) Extraction Logs 683

17.1) PB170653.pdf 683
17.2) PB170653IC.pdf 685
18) Standard Prep Logs 686
19) Shipping Document 775
19.1) Chain Of Custody 776
19.2) Lab Certificate 779

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

Cover Page

Order ID : Q3672

Project ID : R37108

Client : Tetra Tech, EMI

Lab Sample Number	Client Sample Number
Q3672-01	C0AE4
Q3672-02	C0AE5
Q3672-03	C0AE6
Q3672-04	C0AE7
Q3672-05	C0AE8
Q3672-06	C0AE9
Q3672-07	C0AF0
Q3672-08	C0AF1
Q3672-09	C0AF2
Q3672-10	C0AF7
Q3672-11	C0AF8
Q3672-12	C0AF9
Q3672-13	C0AG0
Q3672-14	C0AG1
Q3672-15	C0AG2
Q3672-16	C0AG3
Q3672-17	C0AG4
Q3672-18	C0AG5
Q3672-19	C0AK2

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 8:21 am, Dec 02, 2025

Date: 12/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Tetra Tech, EMI
Project Name: R37108
Project # N/A
Order ID # Q3672
Test Name: PCB

A. Number of Samples and Date of Receipt:
19 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
C0AE7 [Decachlorobiphenyl(1)197%, Decachlorobiphenyl(2)200%],
C0AG0 [Decachlorobiphenyl(1)760%, Decachlorobiphenyl(2)705%],Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported,

C0AE7DL [Decachlorobiphenyl(2)181%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken,

C0AE6DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AE7DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AE8DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AF9DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AF9DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],
C0AG0DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%],

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

C0AG0DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%]Due to high concentration of compounds, these samples required dilution, Therefore, sample was reanalyzed with dilution and reported.

The Retention Times were met for all analysis.

The MS {Q3672-01MS} with File ID: PQ071391.D recoveries met the requirements for all compounds except for [AR1016(2)- 175%] due to matrix interference.

The MSD recoveries met the requirements for all compounds.

The RPD for {Q3672-01MSD} with File ID: PQ071392.D met criteria except for [AR1260(1)-24%, AR1260(2)-35%] due to difference in results of MS-MSD.

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 C0AE5, C0AE6, C0AE7, C0AE7DL, C0AE8, C0AF8, C0AF9, C0AF9DL, C0AG0 and C0AG0DL were diluted due to high concentrations.

E. Additional Comments:

For sample #C0AE6 fax was sent, with incorrect peak in column1 for AR1260 in first review, While second reviewing, the peak was corrected ,As fax is already sent, fax and hard copy data not match.

The samples C0AE7 ,C0AG0 few peaks have F flag due to the dirty nature of the matrix, which can be observed by the chromatogram therefore no corrective action is required.

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

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

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.

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:25 am, Dec 02, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3672 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 C0AE7 [Decachlorobiphenyl(1)197%, Decachlorobiphenyl(2)200%], C0AG0 [Decachlorobiphenyl(1)760%, Decachlorobiphenyl(2)705%],Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported, C0AE7DL [Decachlorobiphenyl(2)181%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken, C0AE6DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AE7DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AE8DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AF9DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AF9DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AG0DL [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0%, Tetrachloro-m-xylene(2)0%], C0AG0DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%]Due to high concentration of compounds, these samples required dilution, Therefore, sample was reanalyzed with dilution and reported.		✓	

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
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 {Q3672-01MS} with File ID: PQ071391.D recoveries met the requirements for all compounds except for [AR1016(2)- 175%] due to matrix interference.			
	The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds.			
	The RPD for {Q3672-01MSD} with File ID: PQ071392.D met criteria except for [AR1260(1)-24%, AR1260(2)-35%] due to difference in results of MS-MSD.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
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 C0AE5, C0AE6, C0AE7, C0AE7DL, C0AE8, C0AF8, C0AF9, C0AF9DL, C0AG0 and C0AG0DL were diluted due to high concentrations.

For sample #C0AE6 fax was sent, with incorrect peak in column 1 for AR1260 in first review, While second reviewing, the peak was corrected ,As fax is already sent, fax and hard copy data not match.

The samples C0AE7 ,C0AG0 few peaks have F flag due to the dirty nature of the matrix, which can be observed by the chromatogram therefore no corrective action is required.

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

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 8:16 am, Dec 02, 2025

Date

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3672

	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 Castody	✓
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:** 12/02/2025

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

LAB CHRONICLE

OrderID:	Q3672	**OrderDate:**	11/19/2025 10:52:00 AM
Client:	Tetra Tech, EMI	**Project:**	R37108
Contact:	Ava Heiss	**Location:**	D51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3672-01	**C0AE4**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3672-02	**C0AE5**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3672-02DL	**C0AE5DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-03	**C0AE6**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3672-03DL	**C0AE6DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-04	**C0AE7**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3672-04DL	**C0AE7DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-04DL2	**C0AE7DL2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/22/25	
Q3672-05	**C0AE8**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	
Q3672-05DL	**C0AE8DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-06	**C0AE9**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/20/25	

LAB CHRONICLE

Q3672-07	**C0AF0**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-08	**C0AF1**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-09	**C0AF2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-10	**C0AF7**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-11	**C0AF8**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-11DL	**C0AF8DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-12	**C0AF9**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-12DL	**C0AF9DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-12DL2	**C0AF9DL2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/24/25	
Q3672-13	**C0AG0**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-13DL	**C0AG0DL**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/24/25	
Q3672-13DL2	**C0AG0DL2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/24/25	
Q3672-14	**C0AG1**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-15	**C0AG2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	

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

LAB CHRONICLE

Q3672-16	**C0AG3**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-17	**C0AG4**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-18	**C0AG5**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	
Q3672-19	**C0AK2**	**SOIL**			**11/17/25**			**11/19/25**
			PCB	8082A		11/20/25	11/21/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3672 **Order ID:** Q3672

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AE4								
Q3672-01	C0AE4	SOIL	Aroclor-1248	114		7.20	20.8	ug/kg
Q3672-01	C0AE4	SOIL	Aroclor-1254	139		3.90	20.8	ug/kg
Q3672-01	C0AE4	SOIL	Aroclor-1260	97.6		3.90	20.8	ug/kg
			Total Concentration:	**350.600**				
Client ID : C0AE5								
Q3672-02	C0AE5	SOIL	Aroclor-1248	698	E	7.20	20.6	ug/kg
Q3672-02	C0AE5	SOIL	Aroclor-1260	72.8		3.90	20.6	ug/kg
			Total Concentration:	**770.800**				
Client ID : C0AE5DL								
Q3672-02DL	C0AE5DL	SOIL	Aroclor-1248	686	D	35.8	103	ug/kg
Q3672-02DL	C0AE5DL	SOIL	Aroclor-1260	76.4	JD	19.5	103	ug/kg
			Total Concentration:	**762.400**				
Client ID : C0AE6								
Q3672-03	C0AE6	SOIL	Aroclor-1260	15000	E	3.90	20.6	ug/kg
			Total Concentration:	**15,000.000**				
Client ID : C0AE6DL								
Q3672-03DL	C0AE6DL	SOIL	Aroclor-1260	25000	D	392	2100	ug/kg
			Total Concentration:	**25,000.000**				
Client ID : C0AE7								
Q3672-04	C0AE7	SOIL	Aroclor-1260	41000	E	4.00	21.2	ug/kg
			Total Concentration:	**41,000.000**				
Client ID : C0AE7DL								
Q3672-04DL	C0AE7DL	SOIL	Aroclor-1260	88000	ED	80.7	425	ug/kg
			Total Concentration:	**88,000.000**				
Client ID : C0AE7DL2								
Q3672-04DL2	C0AE7DL2	SOIL	Aroclor-1260	59000	D	807	4200	ug/kg
			Total Concentration:	**59,000.000**				
Client ID : C0AE8								
Q3672-05	C0AE8	SOIL	Aroclor-1260	3600	E	4.20	22.1	ug/kg

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

Hit Summary Sheet
SW-846

SDG No.: Q3672 **Order ID:** Q3672

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**3,600.000**				
Client ID :	**C0AE8DL**							
Q3672-05DL	C0AE8DL	SOIL	Aroclor-1260	3500	D	83.9	441	ug/kg
			Total Concentration:	**3,500.000**				
Client ID :	**C0AE9**							
Q3672-06	C0AE9	SOIL	Aroclor-1248	252		7.30	21.0	ug/kg
Q3672-06	C0AE9	SOIL	Aroclor-1254	101		4.00	21.0	ug/kg
Q3672-06	C0AE9	SOIL	Aroclor-1260	75.8		4.00	21.0	ug/kg
			Total Concentration:	**428.800**				
Client ID :	**C0AF0**							
Q3672-07	C0AF0	SOIL	Aroclor-1248	33.4		7.30	20.8	ug/kg
Q3672-07	C0AF0	SOIL	Aroclor-1254	90.7		3.90	20.8	ug/kg
Q3672-07	C0AF0	SOIL	Aroclor-1260	145		4.00	20.8	ug/kg
			Total Concentration:	**269.100**				
Client ID :	**C0AF1**							
Q3672-08	C0AF1	SOIL	Aroclor-1254	233		3.90	20.7	ug/kg
			Total Concentration:	**233.000**				
Client ID :	**C0AF7**							
Q3672-10	C0AF7	SOIL	Aroclor-1248	151		7.10	20.3	ug/kg
Q3672-10	C0AF7	SOIL	Aroclor-1254	256		3.80	20.3	ug/kg
Q3672-10	C0AF7	SOIL	Aroclor-1260	294		3.90	20.3	ug/kg
			Total Concentration:	**701.000**				
Client ID :	**C0AF8**							
Q3672-11	C0AF8	SOIL	Aroclor-1248	268		7.10	20.3	ug/kg
Q3672-11	C0AF8	SOIL	Aroclor-1254	331		3.80	20.3	ug/kg
Q3672-11	C0AF8	SOIL	Aroclor-1260	406	E	3.80	20.3	ug/kg
			Total Concentration:	**1,005.000**				
Client ID :	**C0AF8DL**							
Q3672-11DL	C0AF8DL	SOIL	Aroclor-1248	273	D	14.1	40.5	ug/kg
Q3672-11DL	C0AF8DL	SOIL	Aroclor-1254	333	D	7.60	40.5	ug/kg
Q3672-11DL	C0AF8DL	SOIL	Aroclor-1260	408	D	7.70	40.5	ug/kg
			Total Concentration:	**1,014.000**				

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

Hit Summary Sheet
SW-846

SDG No.: Q3672 **Order ID:** Q3672

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AF9								
Q3672-12	C0AF9	SOIL	Aroclor-1248	18000	E	7.10	20.3	ug/kg
Q3672-12	C0AF9	SOIL	Aroclor-1260	20000	E	3.90	20.3	ug/kg
			Total Concentration:	**38,000.000**				
Client ID : C0AF9DL								
Q3672-12DL	C0AF9DL	SOIL	Aroclor-1248	21000	ED	142	407	ug/kg
Q3672-12DL	C0AF9DL	SOIL	Aroclor-1260	22000	ED	77.3	407	ug/kg
			Total Concentration:	**43,000.000**				
Client ID : C0AF9DL2								
Q3672-12DL2	C0AF9DL2	SOIL	Aroclor-1248	25000	D	708	2000	ug/kg
Q3672-12DL2	C0AF9DL2	SOIL	Aroclor-1260	22000	D	386	2000	ug/kg
			Total Concentration:	**47,000.000**				
Client ID : C0AG0								
Q3672-13	C0AG0	SOIL	Aroclor-1260	62000	E	4.00	21.1	ug/kg
			Total Concentration:	**62,000.000**				
Client ID : C0AG0DL								
Q3672-13DL	C0AG0DL	SOIL	Aroclor-1260	630000	ED	4000	21000	ug/kg
			Total Concentration:	**630,000.000**				
Client ID : C0AG0DL2								
Q3672-13DL2	C0AG0DL2	SOIL	Aroclor-1260	510000	D	8000	42000	ug/kg
			Total Concentration:	**510,000.000**				
Client ID : C0AG1								
Q3672-14	C0AG1	SOIL	Aroclor-1248	37.4		7.20	20.7	ug/kg
Q3672-14	C0AG1	SOIL	Aroclor-1260	122		3.90	20.7	ug/kg
			Total Concentration:	**159.400**				
Client ID : C0AG2								
Q3672-15	C0AG2	SOIL	Aroclor-1248	71.2		7.10	20.4	ug/kg
Q3672-15	C0AG2	SOIL	Aroclor-1254	27.7		3.90	20.4	ug/kg
Q3672-15	C0AG2	SOIL	Aroclor-1260	24.4		3.90	20.4	ug/kg
			Total Concentration:	**123.300**				

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

Hit Summary Sheet
SW-846

SDG No.: Q3672 **Order ID:** Q3672

Client: Tetra Tech, EMI **Project ID:** R37108

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AG3								
Q3672-16	C0AG3	SOIL	Aroclor-1260	29.3		3.90	20.5	ug/kg
			Total Concentration:	**29.300**				
Client ID : C0AG4								
Q3672-17	C0AG4	SOIL	Aroclor-1260	32.4		3.80	20.2	ug/kg
			Total Concentration:	**32.400**				
Client ID : C0AK2								
Q3672-19	C0AK2	SOIL	Aroclor-1248	129		7.10	20.4	ug/kg
Q3672-19	C0AK2	SOIL	Aroclor-1254	175		3.90	20.4	ug/kg
Q3672-19	C0AK2	SOIL	Aroclor-1260	181		3.90	20.4	ug/kg
			Total Concentration:	**485.000**				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3672

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) 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-PQ071387.D	PIBLK-PQ071387.D	Tetrachloro-m-xyl	1	20	23.4	117		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	27.4	137		60	140
		Decachlorobiphen	2	20	26.8	134		60	140
PB170653BL	PB170653BL	Tetrachloro-m-xyl	1	20	23.1	115		21	165
		Decachlorobiphen	1	20	22.1	111		10	170
		Tetrachloro-m-xyl	2	20	26.7	133		21	165
		Decachlorobiphen	2	20	26.0	130		10	170
PB170653BS	PB170653BS	Tetrachloro-m-xyl	1	20	23.5	117		21	165
		Decachlorobiphen	1	20	23.0	115		10	170
		Tetrachloro-m-xyl	2	20	26.2	131		21	165
		Decachlorobiphen	2	20	27.2	136		10	170
Q3672-01	C0AE4	Tetrachloro-m-xyl	1	20	20.9	104		21	165
		Decachlorobiphen	1	20	13.6	68		10	170
		Tetrachloro-m-xyl	2	20	24.7	124		21	165
		Decachlorobiphen	2	20	16.4	82		10	170
Q3672-01MS	C0AE4MS	Tetrachloro-m-xyl	1	20	18.3	91		21	165
		Decachlorobiphen	1	20	16.6	83		10	170
		Tetrachloro-m-xyl	2	20	20.8	104		21	165
		Decachlorobiphen	2	20	20.0	100		10	170
Q3672-01MSD	C0AE4MSD	Tetrachloro-m-xyl	1	20	19.9	99		21	165
		Decachlorobiphen	1	20	13.8	69		10	170
		Tetrachloro-m-xyl	2	20	22.3	111		21	165
		Decachlorobiphen	2	20	16.5	82		10	170
Q3672-02	C0AE5	Tetrachloro-m-xyl	1	20	20.4	102		21	165
		Decachlorobiphen	1	20	11.7	59		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	14.2	71		10	170
Q3672-03	C0AE6	Tetrachloro-m-xyl	1	20	20.4	102		21	165
		Decachlorobiphen	1	20	22.6	113		10	170
		Tetrachloro-m-xyl	2	20	23.2	116		21	165
		Decachlorobiphen	2	20	24.9	125		10	170
Q3672-04	C0AE7	Tetrachloro-m-xyl	1	20	21.5	108		21	165
		Decachlorobiphen	1	20	39.4	197	*	10	170
		Tetrachloro-m-xyl	2	20	22.1	111		21	165
		Decachlorobiphen	2	20	39.9	200	*	10	170
Q3672-05	C0AE8	Tetrachloro-m-xyl	1	20	18.4	92		21	165

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

Surrogate Summary

SDG No.: Q3672

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3672-05	C0AE8	Decachlorobiphen	1	20	15.4	77		10	170
		Tetrachloro-m-xyl	2	20	21.6	108		21	165
		Decachlorobiphen	2	20	16.4	82		10	170
Q3672-06	C0AE9	Tetrachloro-m-xyl	1	20	17.4	87		21	165
		Decachlorobiphen	1	20	9.08	45		10	170
		Tetrachloro-m-xyl	2	20	20.1	101		21	165
		Decachlorobiphen	2	20	11.0	55		10	170
I.BLK-PQ071399.D	PIBLK-PQ071399.D	Tetrachloro-m-xyl	1	20	23.8	119		60	140
		Decachlorobiphen	1	20	23.1	116		60	140
		Tetrachloro-m-xyl	2	20	27.4	137		60	140
		Decachlorobiphen	2	20	27.5	138		60	140
Q3672-07	C0AF0	Tetrachloro-m-xyl	1	20	20.8	104		21	165
		Decachlorobiphen	1	20	13.8	69		10	170
		Tetrachloro-m-xyl	2	20	25.0	125		21	165
		Decachlorobiphen	2	20	17.1	86		10	170
Q3672-08	C0AF1	Tetrachloro-m-xyl	1	20	20.5	103		21	165
		Decachlorobiphen	1	20	11.3	57		10	170
		Tetrachloro-m-xyl	2	20	23.9	120		21	165
		Decachlorobiphen	2	20	15.6	78		10	170
Q3672-09	C0AF2	Tetrachloro-m-xyl	1	20	18.8	94		21	165
		Decachlorobiphen	1	20	14.9	74		10	170
		Tetrachloro-m-xyl	2	20	21.8	109		21	165
		Decachlorobiphen	2	20	17.9	90		10	170
Q3672-10	C0AF7	Tetrachloro-m-xyl	1	20	19.2	96		21	165
		Decachlorobiphen	1	20	16.6	83		10	170
		Tetrachloro-m-xyl	2	20	22.6	113		21	165
		Decachlorobiphen	2	20	19.1	96		10	170
Q3672-11	C0AF8	Tetrachloro-m-xyl	1	20	19.1	96		21	165
		Decachlorobiphen	1	20	15.0	75		10	170
		Tetrachloro-m-xyl	2	20	22.6	113		21	165
		Decachlorobiphen	2	20	17.5	88		10	170
Q3672-12	C0AF9	Tetrachloro-m-xyl	1	20	18.5	92		21	165
		Decachlorobiphen	1	20	24.0	120		10	170
		Tetrachloro-m-xyl	2	20	21.7	109		21	165
		Decachlorobiphen	2	20	26.0	130		10	170
Q3672-13	C0AG0	Tetrachloro-m-xyl	1	20	26.9	134		21	165
		Decachlorobiphen	1	20	152	760	*	10	170
		Tetrachloro-m-xyl	2	20	23.7	119		21	165
		Decachlorobiphen	2	20	141	705	*	10	170
Q3672-14	C0AG1	Tetrachloro-m-xyl	1	20	19.3	96		21	165
		Decachlorobiphen	1	20	15.2	76		10	170

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

Surrogate Summary

SDG No.: Q3672

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3672-14	C0AG1	Tetrachloro-m-xyl	2	20	22.7	113		21	165
		Decachlorobiphen	2	20	18.2	91		10	170
Q3672-15	C0AG2	Tetrachloro-m-xyl	1	20	18.8	94		21	165
		Decachlorobiphen	1	20	13.0	65		10	170
		Tetrachloro-m-xyl	2	20	22.0	110		21	165
		Decachlorobiphen	2	20	15.8	79		10	170
Q3672-16	C0AG3	Tetrachloro-m-xyl	1	20	16.7	83		21	165
		Decachlorobiphen	1	20	9.48	47		10	170
		Tetrachloro-m-xyl	2	20	19.8	99		21	165
		Decachlorobiphen	2	20	11.4	57		10	170
I.BLK-PQ071411.D	PIBLK-PQ071411.D	Tetrachloro-m-xyl	1	20	23.6	118		60	140
		Decachlorobiphen	1	20	23.0	115		60	140
		Tetrachloro-m-xyl	2	20	27.5	137		60	140
		Decachlorobiphen	2	20	27.6	138		60	140
Q3672-17	C0AG4	Tetrachloro-m-xyl	1	20	18.0	90		21	165
		Decachlorobiphen	1	20	11.4	57		10	170
		Tetrachloro-m-xyl	2	20	20.9	105		21	165
		Decachlorobiphen	2	20	13.8	69		10	170
Q3672-18	C0AG5	Tetrachloro-m-xyl	1	20	18.4	92		21	165
		Decachlorobiphen	1	20	11.3	56		10	170
		Tetrachloro-m-xyl	2	20	21.9	110		21	165
		Decachlorobiphen	2	20	13.8	69		10	170
Q3672-19	C0AK2	Tetrachloro-m-xyl	1	20	20.2	101		21	165
		Decachlorobiphen	1	20	14.8	74		10	170
		Tetrachloro-m-xyl	2	20	23.5	117		21	165
		Decachlorobiphen	2	20	16.5	83		10	170
I.BLK-PQ071416.D	PIBLK-PQ071416.D	Tetrachloro-m-xyl	1	20	24.0	120		60	140
		Decachlorobiphen	1	20	23.6	118		60	140
		Tetrachloro-m-xyl	2	20	27.7	138		60	140
		Decachlorobiphen	2	20	27.6	138		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
Q3672-02DL	C0AE5DL	Tetrachloro-m-xyl	1	20	17.1	86		21	165
		Decachlorobiphen	1	20	10.8	54		10	170
		Tetrachloro-m-xyl	2	20	20.4	102		21	165
		Decachlorobiphen	2	20	13.8	69		10	170
Q3672-03DL	C0AE6DL	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

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

Surrogate Summary

SDG No.: Q3672

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3672-03DL	C0AE6DL	Decachlorobiphen	2	20	0	0	*	10	170
Q3672-04DL	C0AE7DL	Tetrachloro-m-xyl	1	20	16.6	83		21	165
		Decachlorobiphen	1	20	32.4	162		10	170
		Tetrachloro-m-xyl	2	20	18.6	93		21	165
		Decachlorobiphen	2	20	36.2	181	*	10	170
Q3672-05DL	C0AE8DL	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
Q3672-11DL	C0AF8DL	Tetrachloro-m-xyl	1	20	19.1	96		21	165
		Decachlorobiphen	1	20	14.8	74		10	170
		Tetrachloro-m-xyl	2	20	22.4	112		21	165
		Decachlorobiphen	2	20	18.1	91		10	170
Q3672-12DL	C0AF9DL	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
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
I.BLK-PQ071467.D	PIBLK-PQ071467.D	Tetrachloro-m-xyl	1	20	23.1	115		60	140
		Decachlorobiphen	1	20	22.2	111		60	140
		Tetrachloro-m-xyl	2	20	23.0	115		60	140
		Decachlorobiphen	2	20	21.3	107		60	140
Q3672-04DL2	C0AE7DL2	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
I.BLK-PQ071472.D	PIBLK-PQ071472.D	Tetrachloro-m-xyl	1	20	22.2	111		60	140
		Decachlorobiphen	1	20	21.8	109		60	140
		Tetrachloro-m-xyl	2	20	22.2	111		60	140
		Decachlorobiphen	2	20	21.0	105		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
Q3672-12DL2	C0AF9DL2	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

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

Surrogate Summary

SDG No.: Q3672

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
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
Q3672-13DL	C0AG0DL	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
Q3672-13DL2	C0AG0DL2	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
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

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3672 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071391.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3672-01MS (Column 1)**	**Client Sample ID:**		**C0AE4MS**								
	AR1016	203.7	0	266	ug/kg	131				39	159	
	AR1260	203.7	70.9	260	ug/kg	93				19	160	
Lab Sample ID:	**Q3672-01MS (Column 2)**	**Client Sample ID:**		**C0AE4MS**								
	AR1016	203.7	0	357	ug/kg	175	*			39	159	
	AR1260	203.7	97.6	366	ug/kg	132				19	160	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3672 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **DataFile :** PQ071392.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3672-01MSD (Column 1)**	**Client Sample ID:**		**C0AE4MSD**								
	AR1016	203.9	0	246	ug/kg	121		8		39	159	21
	AR1260	203.9	70.9	219	ug/kg	73		24	*	19	160	15
Lab Sample ID:	**Q3672-01MSD (Column 2)**	**Client Sample ID:**		**C0AE4MSD**								
	AR1016	203.9	0	314	ug/kg	154		13		39	159	21
	AR1260	203.9	97.6	287	ug/kg	93		35	*	19	160	15

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3672 **Analytical Method:** 8082A

Client: Tetra Tech, EMI **Datafile :** PQ071389.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170653BS (Column 1)	AR1016	166.5	131	ug/kg	79				71	120	
	AR1260	166.5	123	ug/kg	74				65	130	
PB170653BS (Column 2)	AR1016	166.5	148	ug/kg	89				71	120	
	AR1260	166.5	146	ug/kg	88				65	130	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170653BL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3672

Lab Sample ID: PB170653BL | Lab File ID: PQ071388.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/20/2025

Date Analyzed (1): 11/20/2025 | Date Analyzed (2): 11/20/2025

Time Analyzed (1): 20:47 | Time Analyzed (2): 20:47

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
PB170653BS	PB170653BS	PQ071389.D	11/20/2025	11/20/2025
C0AE4	Q3672-01	PQ071390.D	11/20/2025	11/20/2025
C0AE4MS	Q3672-01MS	PQ071391.D	11/20/2025	11/20/2025
C0AE4MSD	Q3672-01MSD	PQ071392.D	11/20/2025	11/20/2025
C0AE5	Q3672-02	PQ071393.D	11/20/2025	11/20/2025
C0AE6	Q3672-03	PQ071394.D	11/20/2025	11/20/2025
C0AE7	Q3672-04	PQ071395.D	11/20/2025	11/20/2025
C0AE8	Q3672-05	PQ071396.D	11/20/2025	11/20/2025
C0AE9	Q3672-06	PQ071397.D	11/20/2025	11/20/2025
C0AF0	Q3672-07	PQ071400.D	11/21/2025	11/21/2025
C0AF1	Q3672-08	PQ071401.D	11/21/2025	11/21/2025
C0AF2	Q3672-09	PQ071402.D	11/21/2025	11/21/2025
C0AF7	Q3672-10	PQ071403.D	11/21/2025	11/21/2025
C0AF8	Q3672-11	PQ071404.D	11/21/2025	11/21/2025
C0AF9	Q3672-12	PQ071405.D	11/21/2025	11/21/2025
C0AG0	Q3672-13	PQ071406.D	11/21/2025	11/21/2025
C0AG1	Q3672-14	PQ071407.D	11/21/2025	11/21/2025
C0AG2	Q3672-15	PQ071408.D	11/21/2025	11/21/2025
C0AG3	Q3672-16	PQ071409.D	11/21/2025	11/21/2025
C0AG4	Q3672-17	PQ071412.D	11/21/2025	11/21/2025
C0AG5	Q3672-18	PQ071413.D	11/21/2025	11/21/2025
C0AK2	Q3672-19	PQ071414.D	11/21/2025	11/21/2025

COMMENTS:

SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE4	SDG No.:	Q3672
Lab Sample ID:	Q3672-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.8	U	1	4.80	20.8	ug/kg	11/20/25 21:16	PB170653
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:16	PB170653
11141-16-5	Aroclor-1232	20.8	U	1	4.50	20.8	ug/kg	11/20/25 21:16	PB170653
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:16	PB170653
12672-29-6	Aroclor-1248	114		1	7.20	20.8	ug/kg	11/20/25 21:16	PB170653
11097-69-1	Aroclor-1254	139		1	3.90	20.8	ug/kg	11/20/25 21:16	PB170653
37324-23-5	Aroclor-1262	20.8	U	1	6.10	20.8	ug/kg	11/20/25 21:16	PB170653
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/20/25 21:16	PB170653
11096-82-5	Aroclor-1260	97.6		1	3.90	20.8	ug/kg	11/20/25 21:16	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.7			21 - 165	124%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			10 - 170	82%	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

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\PQ112025\
Data File : PQ071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:16
Operator : YP\AJ
Sample : Q3672-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:42 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	181.8E6	230.7E6	20.881	24.708	
2)	SA Decachlor...	8.536	7.655	85172465	149.8E6	13.602	16.394	
	Target Compounds							
21)	L5 AR-1248-1	4.496	3.869	33079381	45124542	173.650	211.975	
22)	L5 AR-1248-2	4.760	4.096	57939726	78887932	238.154	277.758	
23)	L5 AR-1248-3	4.948	4.133	64639529	68521354	219.993	244.621	
24)	L5 AR-1248-4	5.310	4.293	114.6E6	90142500	436.116	260.239	#
25)	L5 AR-1248-5	5.337	4.671	95863885	143.5E6	283.331	411.688	#
26)	L6 AR-1254-1	5.310	4.633	114.6E6	197.5E6	330.048	368.526	
27)	L6 AR-1254-2	5.525	4.780	175.1E6	132.9E6	323.077	289.667	
28)	L6 AR-1254-3	5.877	5.164	146.0E6	242.1E6	253.579	318.816	#
29)	L6 AR-1254-4	6.158	5.391	111.5E6	152.7E6	263.963	305.519	
30)	L6 AR-1254-5	6.568	5.798	185.3E6	295.7E6	403.170	427.240	
31)	L7 AR-1260-1	6.042	5.295	98201747	168.8E6	219.447	338.252	#
32)	L7 AR-1260-2	6.299	5.484	116.1E6	166.3E6	227.253	274.247	
33)	L7 AR-1260-3	6.651	5.625	54333969	154.5E6	141.963	261.324	#
34)	L7 AR-1260-4	6.866	6.090	62827333	80077230	150.253	161.648	
35)	L7 AR-1260-5	7.174	6.335	110.5E6	187.8E6	132.807	163.548	

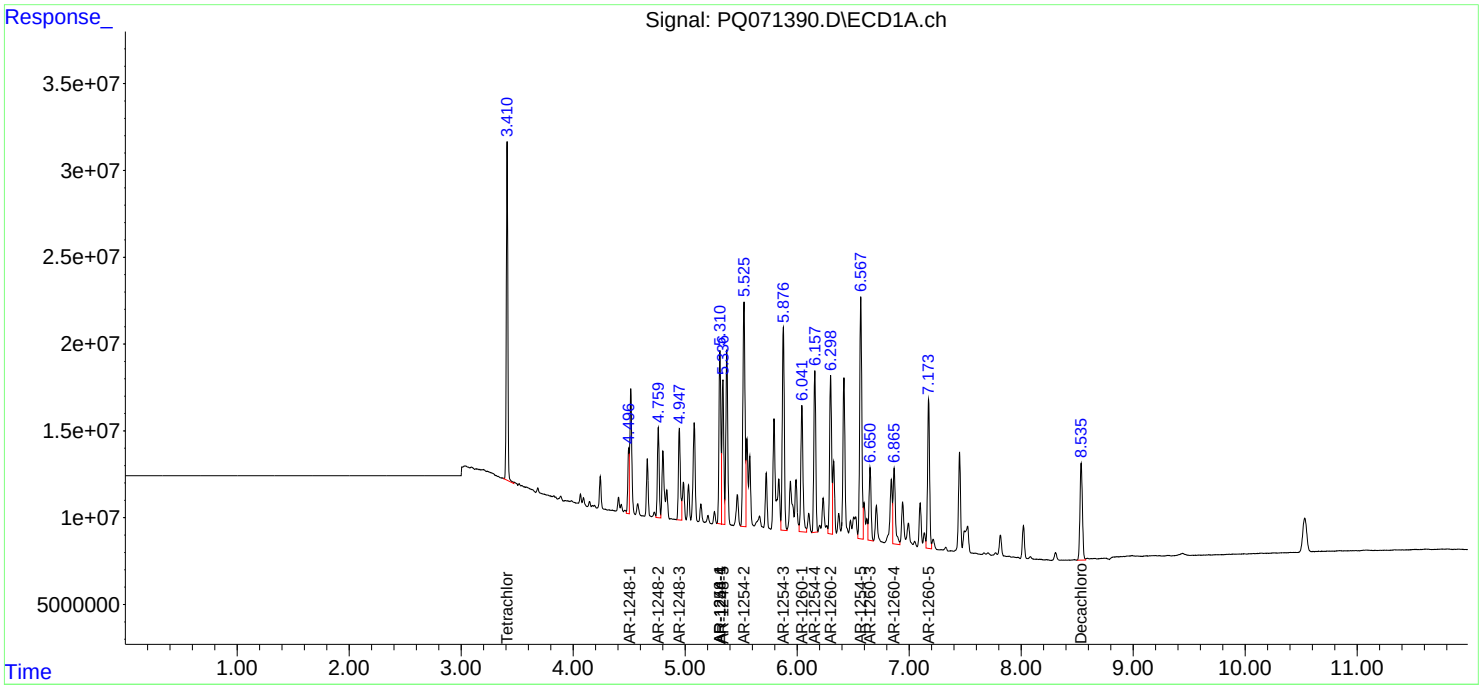
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

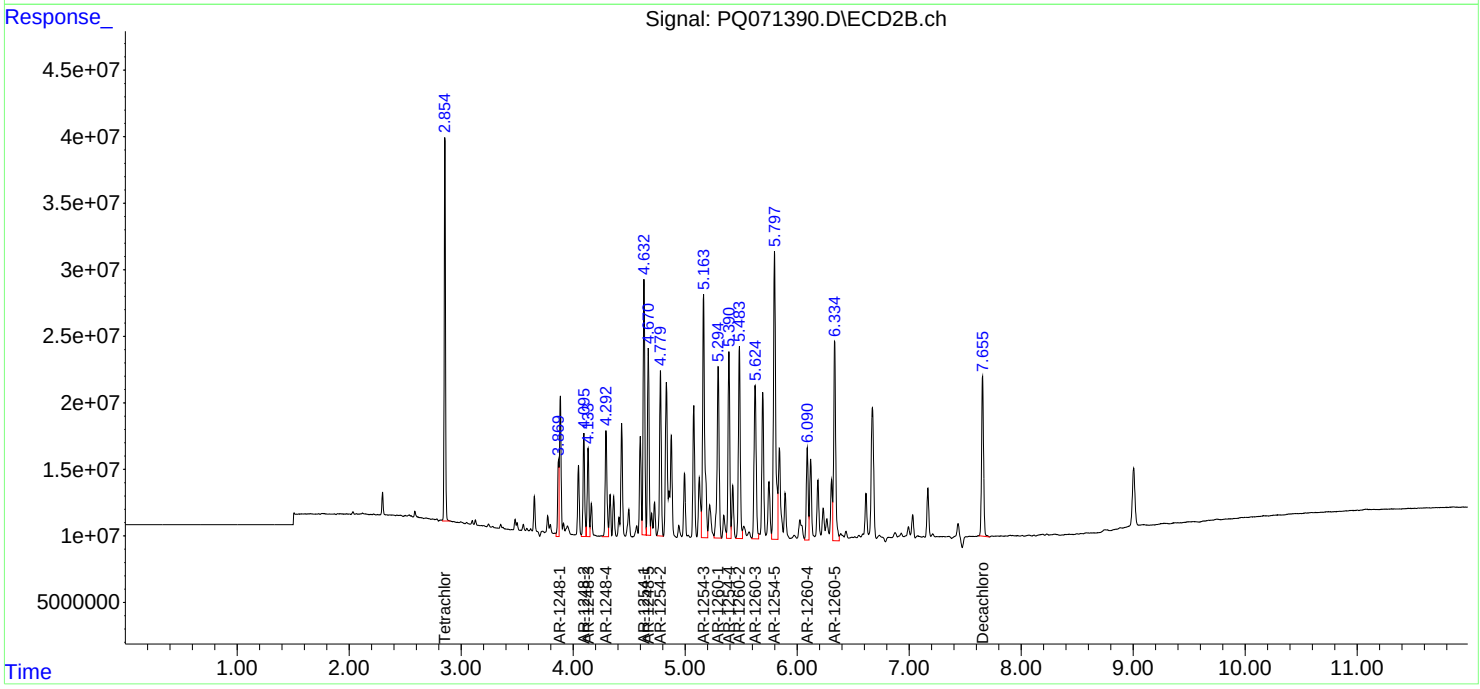
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:16
Operator : YP\AJ
Sample : Q3672-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

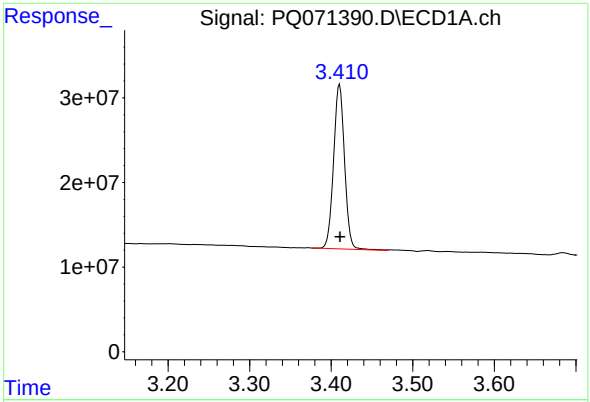
Instrument :
ECD_Q
ClientSampleId :
C0AE4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:42 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



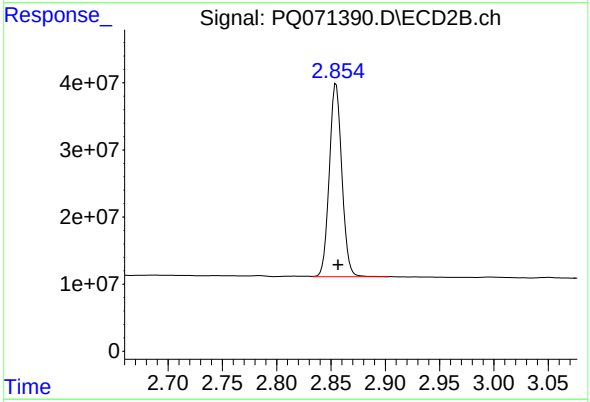




#1 Tetrachloro-m-xylene

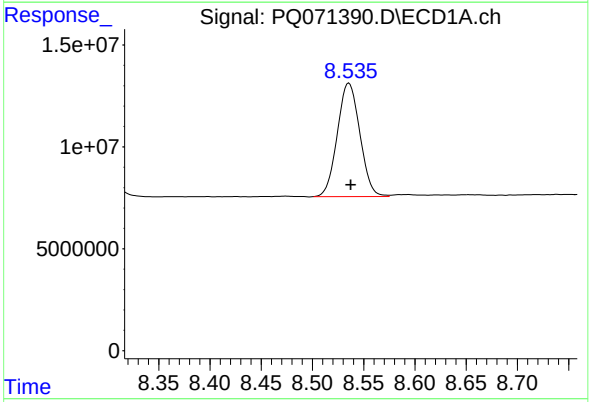
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 181772123
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



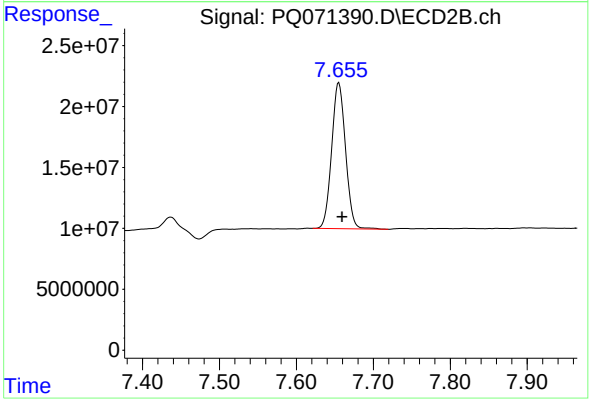
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 230688887
Conc: 24.71 ng/ml



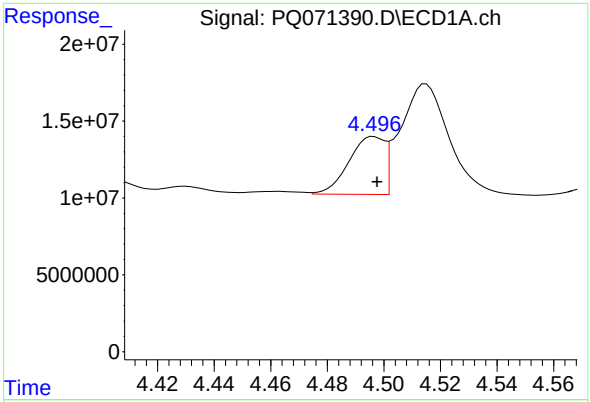
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 85172465
Conc: 13.60 ng/ml



#2 Decachlorobiphenyl

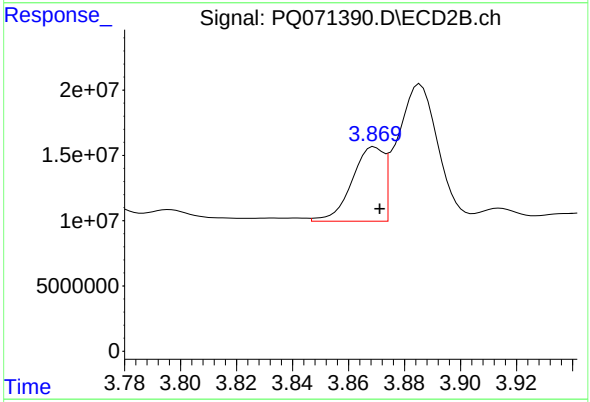
R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 149806884
Conc: 16.39 ng/ml



#21 AR-1248-1

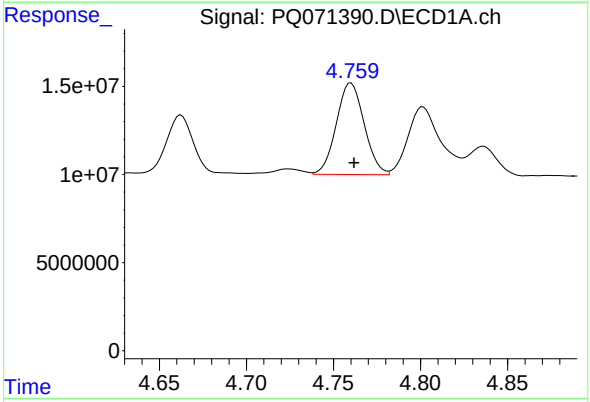
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 33079381
Conc: 173.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



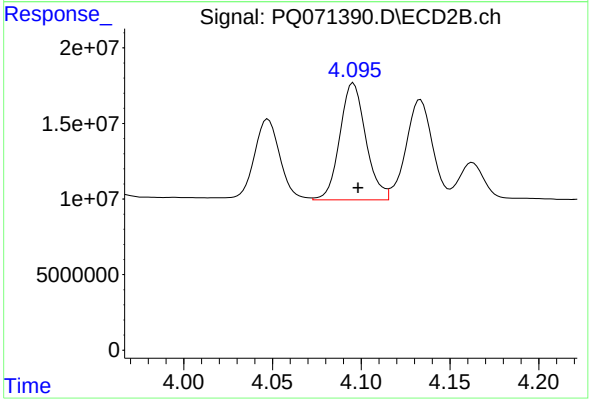
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 45124542
Conc: 211.98 ng/ml



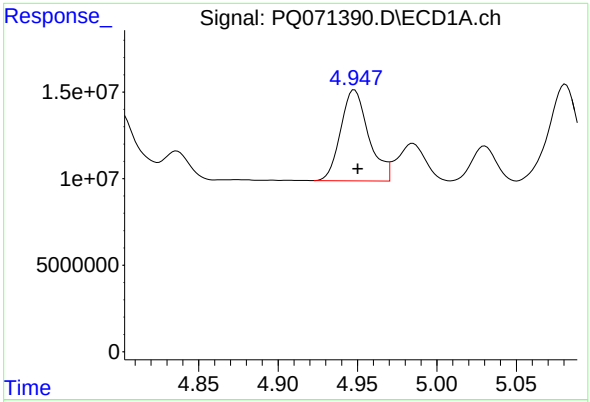
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 57939726
Conc: 238.15 ng/ml



#22 AR-1248-2

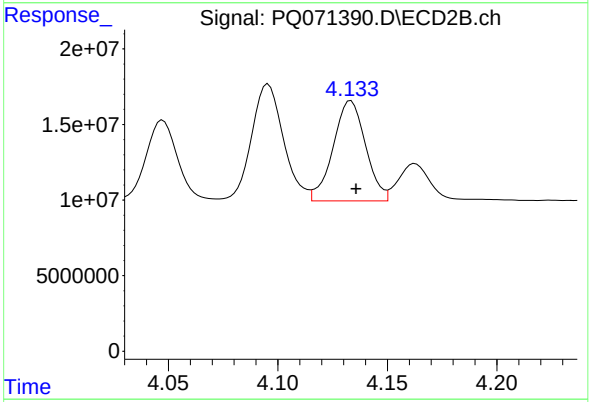
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 78887932
Conc: 277.76 ng/ml



#23 AR-1248-3

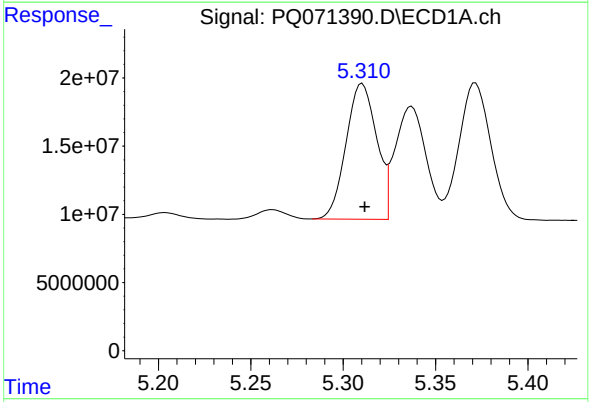
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 64639529
Conc: 219.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



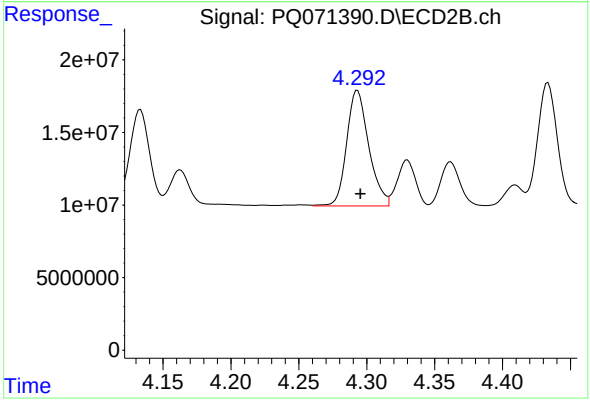
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 68521354
Conc: 244.62 ng/ml



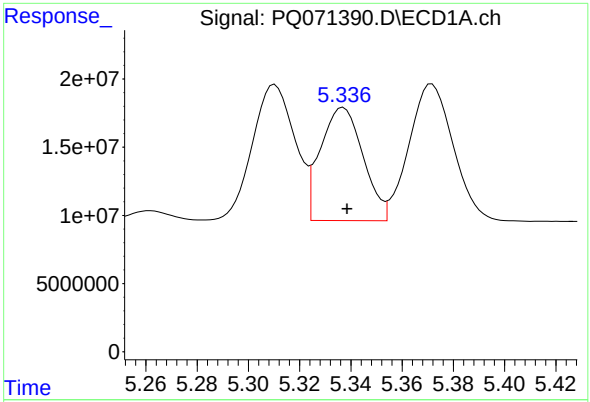
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 114645393
Conc: 436.12 ng/ml



#24 AR-1248-4

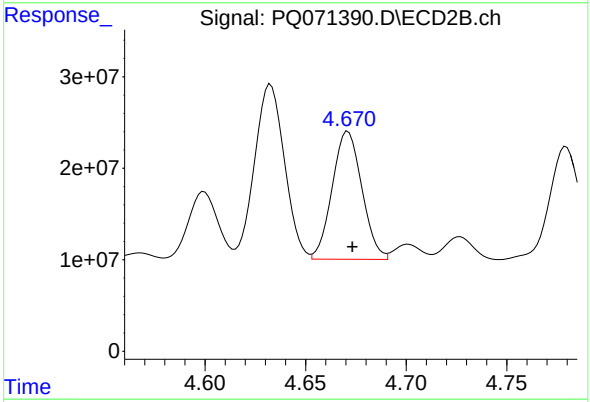
R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 90142500
Conc: 260.24 ng/ml



#25 AR-1248-5

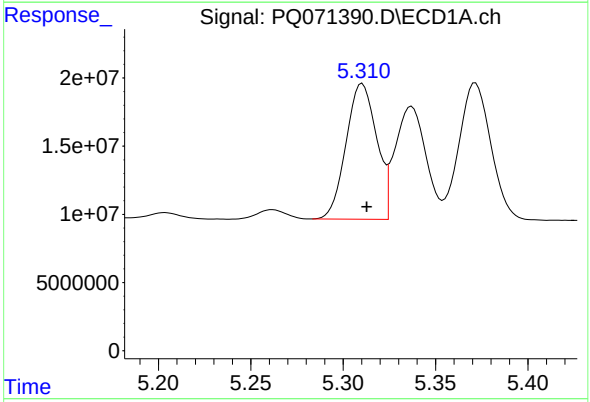
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 95863885
Conc: 283.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



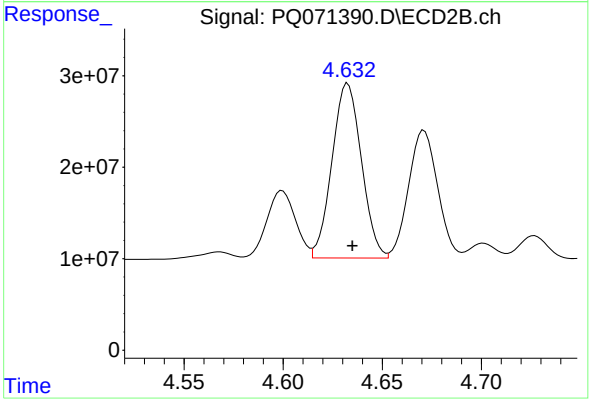
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 143530046
Conc: 411.69 ng/ml



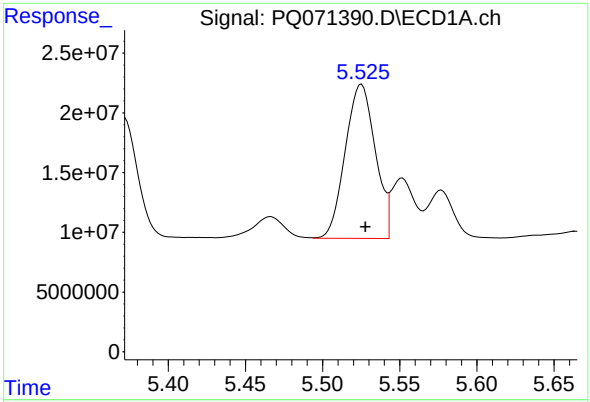
#26 AR-1254-1

R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 114645393
Conc: 330.05 ng/ml



#26 AR-1254-1

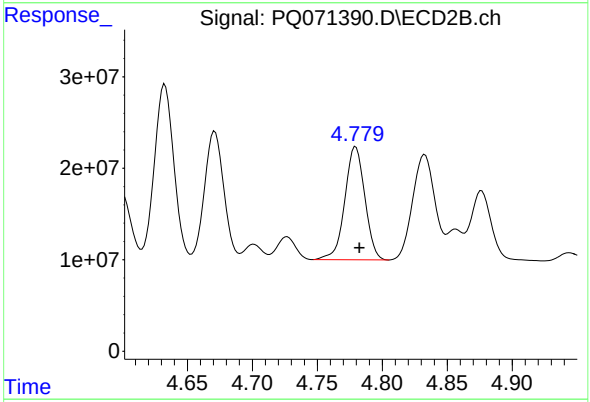
R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 197481656
Conc: 368.53 ng/ml



#27 AR-1254-2

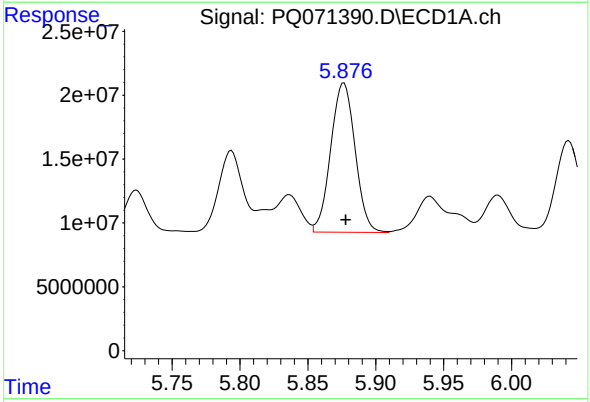
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 175050867
Conc: 323.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



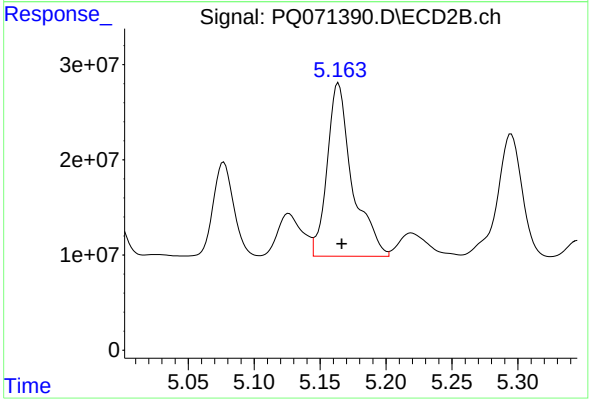
#27 AR-1254-2

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 132893723
Conc: 289.67 ng/ml



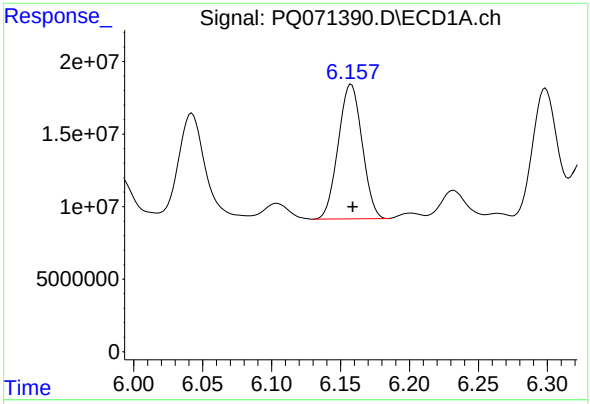
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 146018594
Conc: 253.58 ng/ml



#28 AR-1254-3

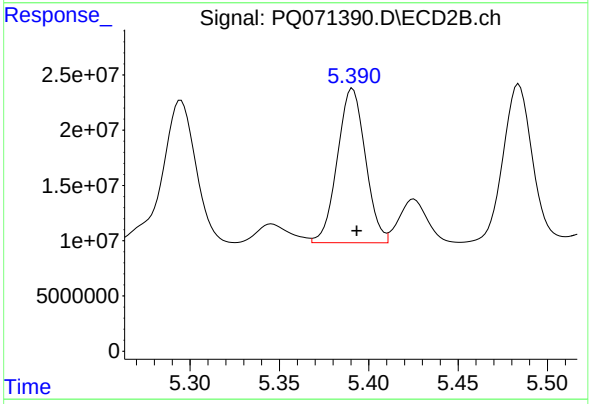
R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 242076862
Conc: 318.82 ng/ml



#29 AR-1254-4

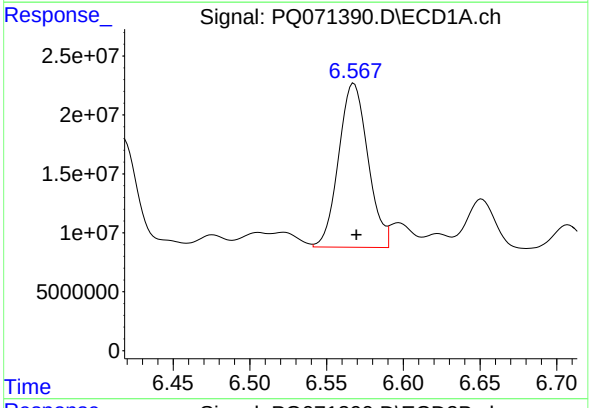
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 111521653
Conc: 263.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



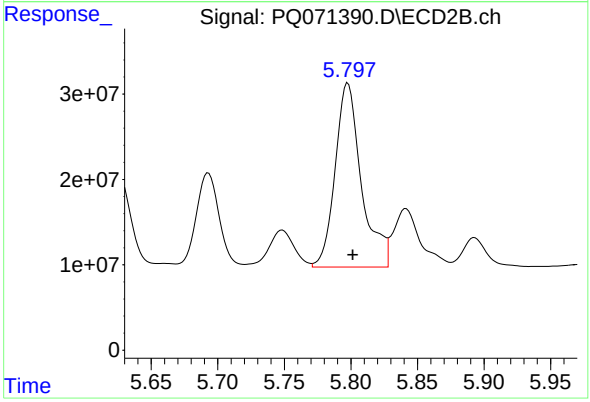
#29 AR-1254-4

R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 152703564
Conc: 305.52 ng/ml



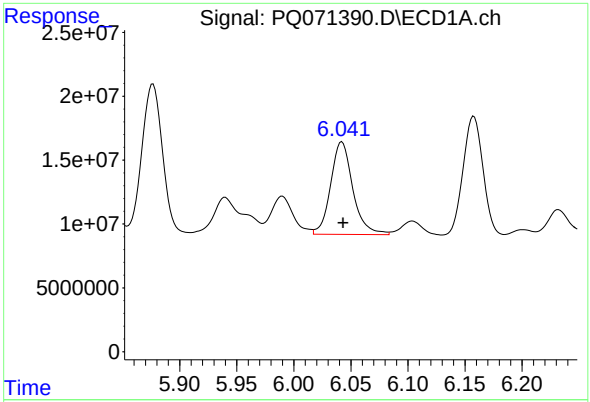
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 185309814
Conc: 403.17 ng/ml



#30 AR-1254-5

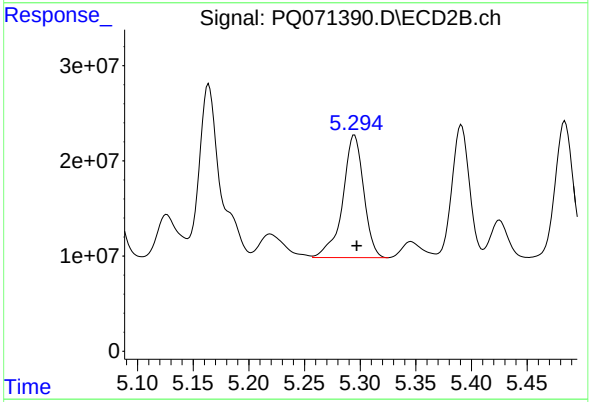
R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 295748111
Conc: 427.24 ng/ml



#31 AR-1260-1

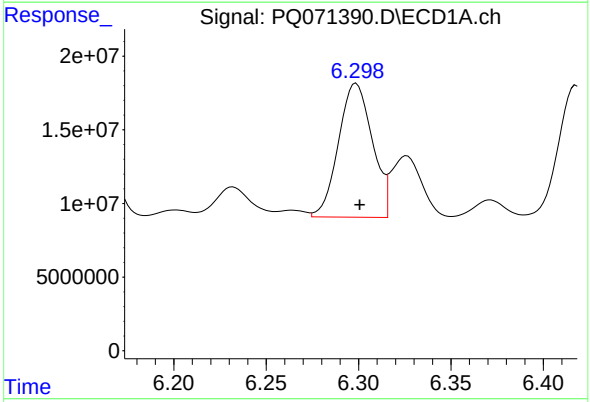
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 98201747
Conc: 219.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



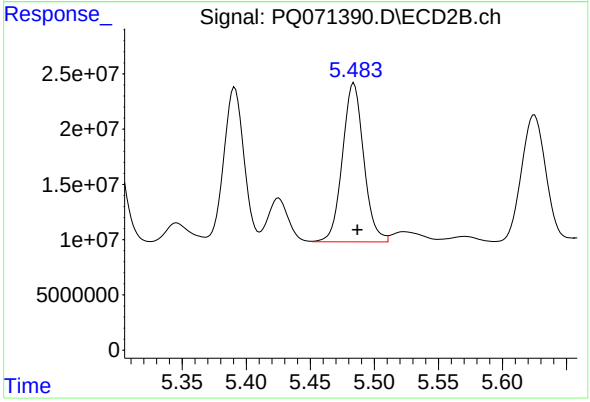
#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 168763137
Conc: 338.25 ng/ml



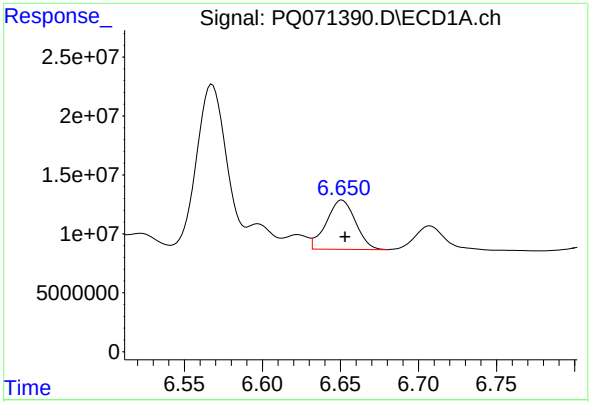
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 116106758
Conc: 227.25 ng/ml



#32 AR-1260-2

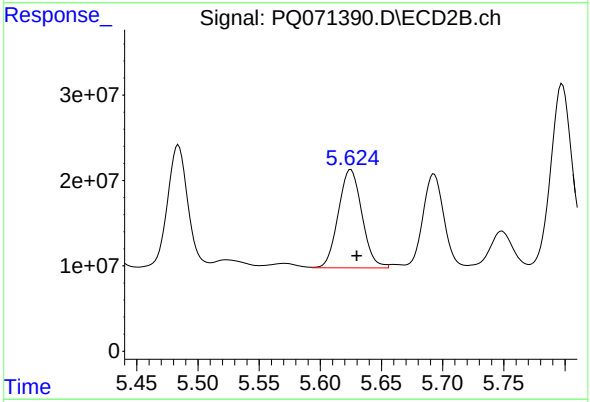
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 166296802
Conc: 274.25 ng/ml



#33 AR-1260-3

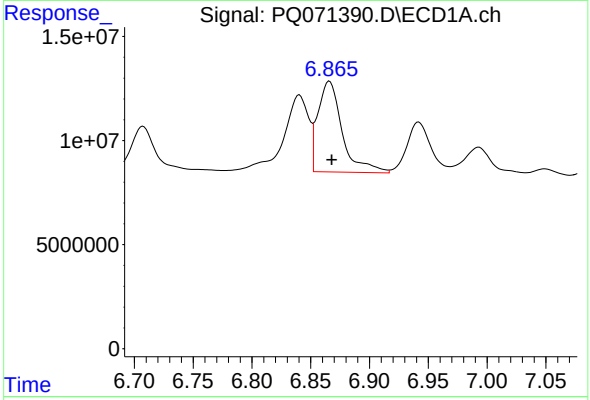
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 54333969
Conc: 141.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



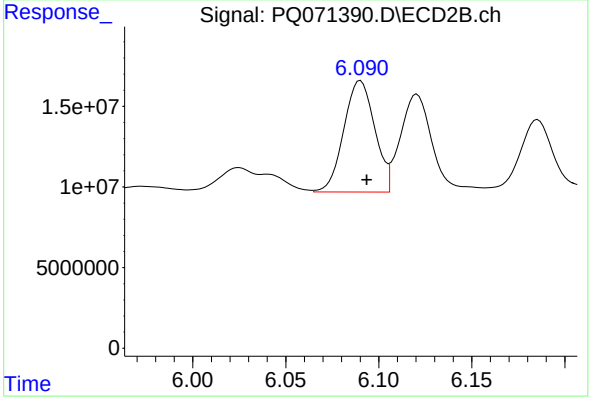
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 154490563
Conc: 261.32 ng/ml



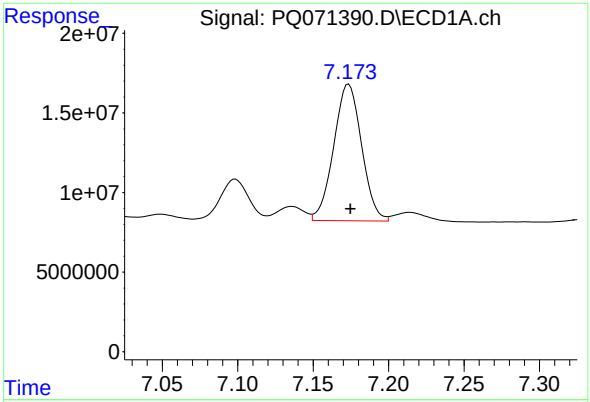
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 62827333
Conc: 150.25 ng/ml



#34 AR-1260-4

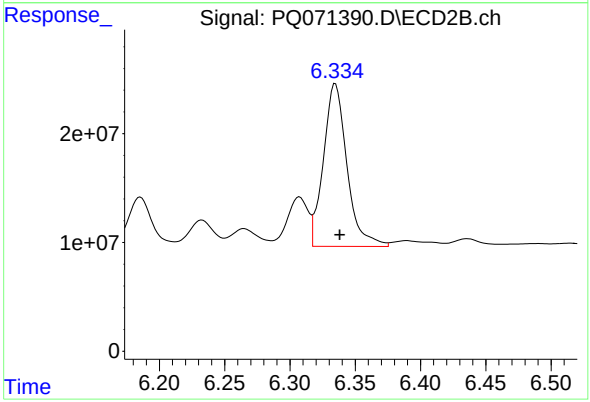
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 80077230
Conc: 161.65 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 110527303
Conc: 132.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 187799991
Conc: 163.55 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE5	SDG No.:	Q3672
Lab Sample ID:	Q3672-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.5
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 22:00	PB170653
11104-28-2	Aroclor-1221	20.6	U	1	4.90	20.6	ug/kg	11/20/25 22:00	PB170653
11141-16-5	Aroclor-1232	20.6	U	1	4.50	20.6	ug/kg	11/20/25 22:00	PB170653
53469-21-9	Aroclor-1242	20.6	U	1	4.80	20.6	ug/kg	11/20/25 22:00	PB170653
12672-29-6	Aroclor-1248	698	E	1	7.20	20.6	ug/kg	11/20/25 22:00	PB170653
11097-69-1	Aroclor-1254	20.6	U	1	3.90	20.6	ug/kg	11/20/25 22:00	PB170653
37324-23-5	Aroclor-1262	20.6	U	1	6.10	20.6	ug/kg	11/20/25 22:00	PB170653
11100-14-4	Aroclor-1268	20.6	U	1	4.40	20.6	ug/kg	11/20/25 22:00	PB170653
11096-82-5	Aroclor-1260	72.8		1	3.90	20.6	ug/kg	11/20/25 22:00	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.2			10 - 170	71%	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

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\PQ112025\
Data File : PQ071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:00
Operator : YP\AJ
Sample : Q3672-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:33:56 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	2.855	177.9E6	203.5E6	20.432	21.799	
2)	SA Decachlor...	8.534	7.655	73432126	129.6E6	11.727	14.178	
	Target Compounds							
21)	L5 AR-1248-1	4.497	3.869	344.9E6	434.9E6	1810.687	2043.110	
22)	L5 AR-1248-2	4.760	4.096	301.6E6	400.8E6	1239.560	1411.069	
23)	L5 AR-1248-3	4.948	4.133	459.2E6	482.0E6	1562.919	1720.705	
24)	L5 AR-1248-4	5.309	4.293	312.8E6	615.5E6	1190.004	1776.980	#
25)	L5 AR-1248-5	5.337	4.671	396.4E6	594.7E6	1171.551	1705.704	#
31)	L7 AR-1260-1	6.042	5.296	68596936	139.9E6	153.290	280.430	#
32)	L7 AR-1260-2	6.299	5.483	78476226	112.3E6	153.600	185.236	
33)	L7 AR-1260-3	6.651	5.626	44558884	104.0E6	116.423	175.926	#
34)	L7 AR-1260-4	6.866	6.090	49304657	66140524	117.913	133.515	
35)	L7 AR-1260-5	7.173	6.335	87040663	147.1E6	104.586	128.082	

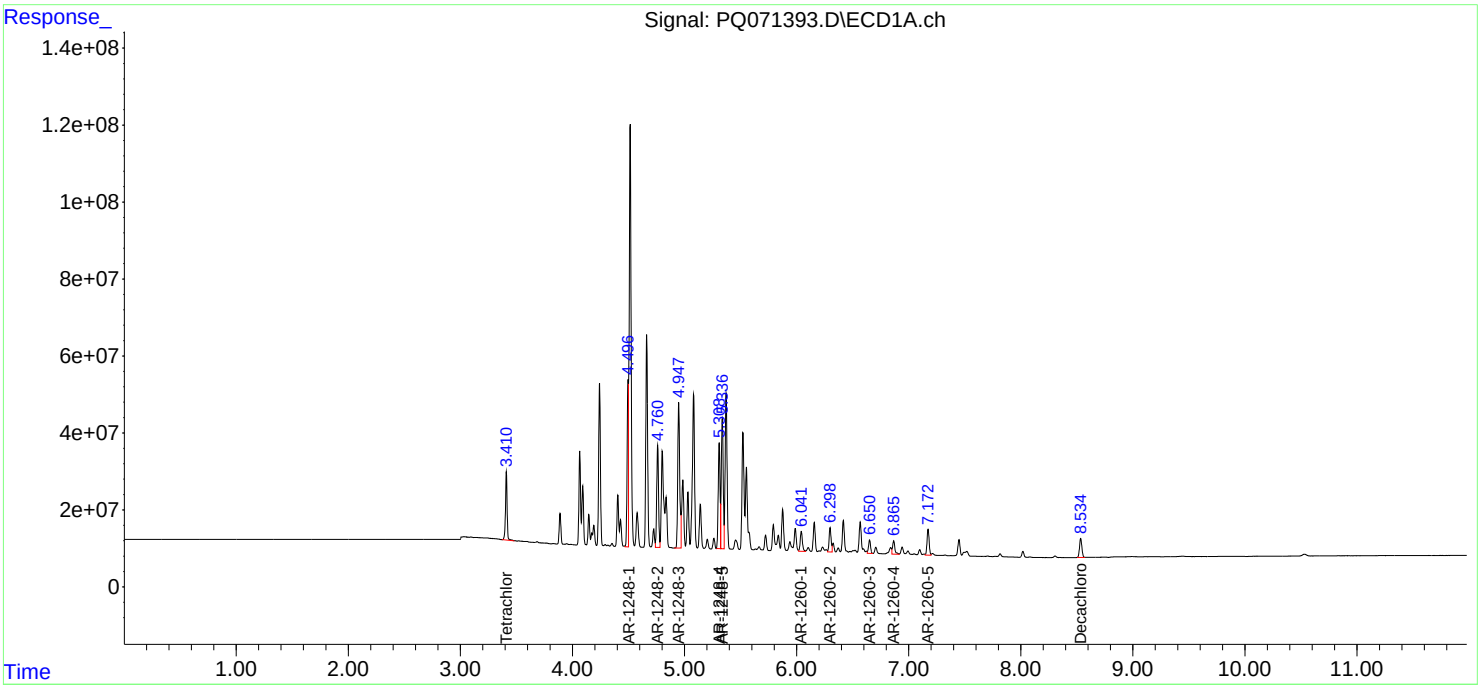
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

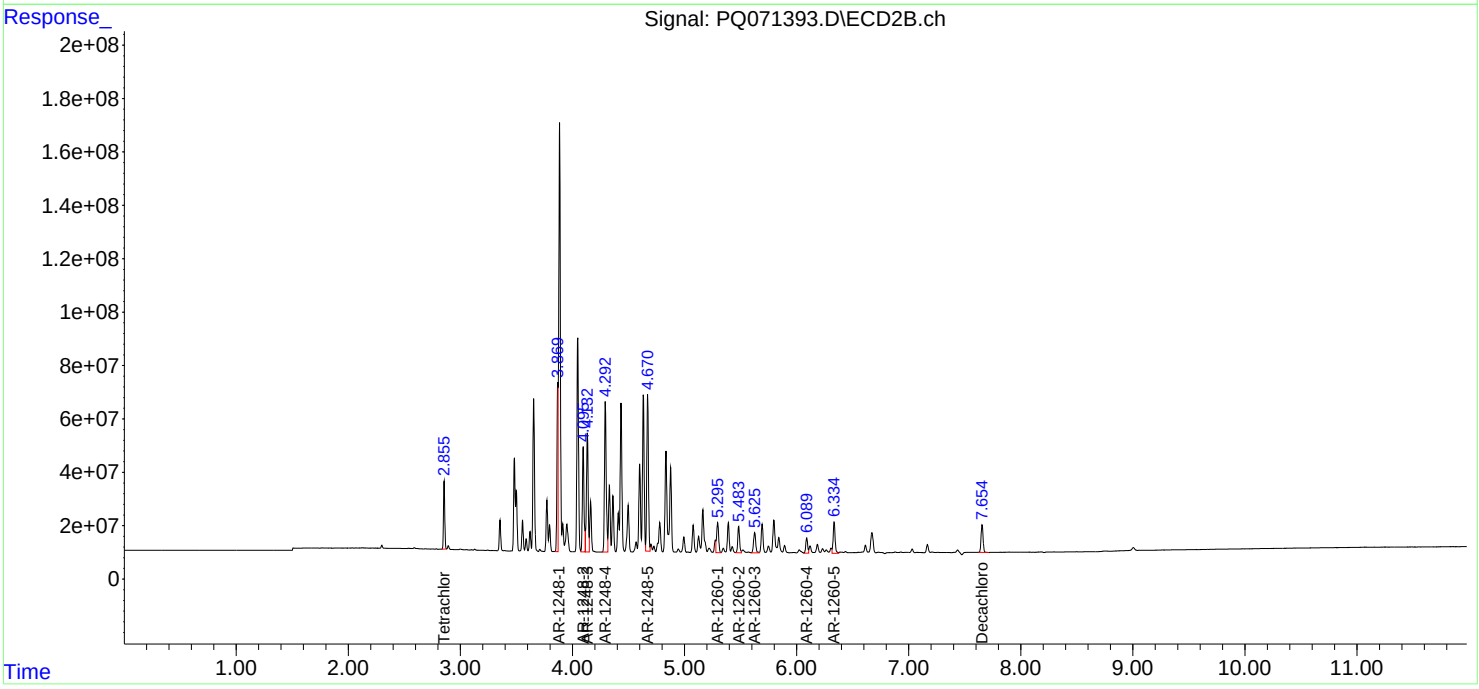
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:00
Operator : YP\AJ
Sample : Q3672-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

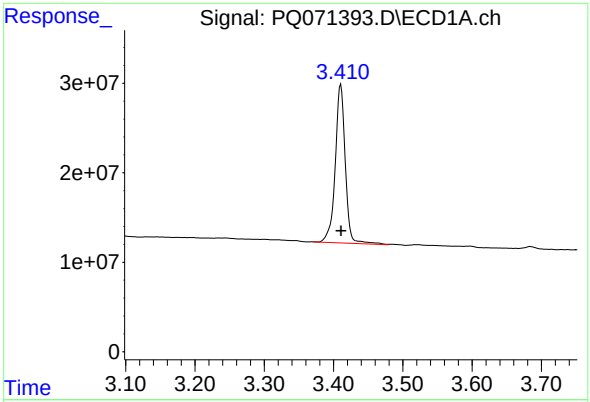
Instrument :
ECD_Q
ClientSampleId :
C0AE5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:33:56 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



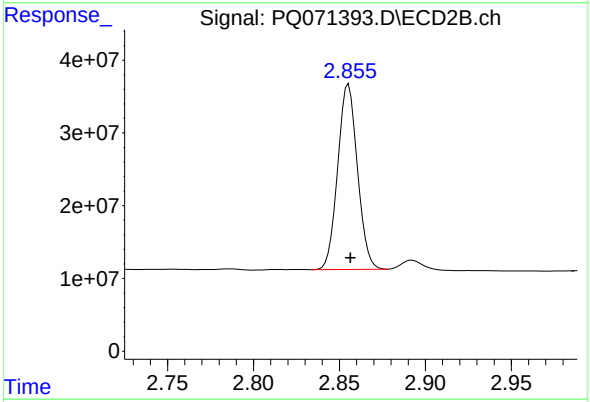




#1 Tetrachloro-m-xylene

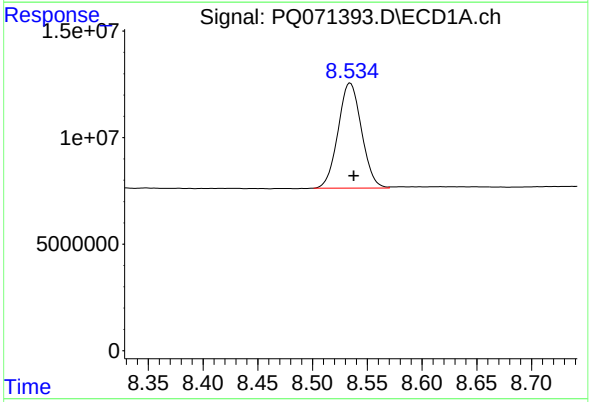
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 177867947
Conc: 20.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



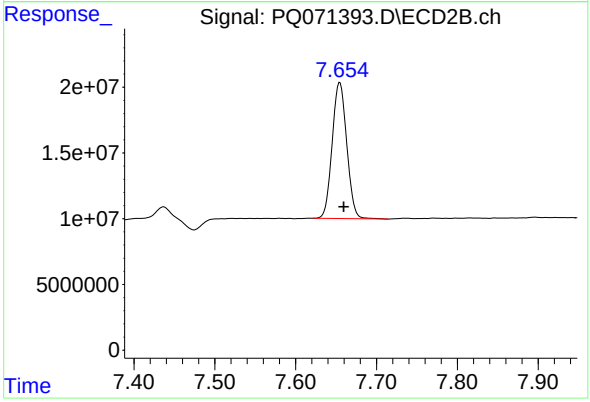
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 203529520
Conc: 21.80 ng/ml



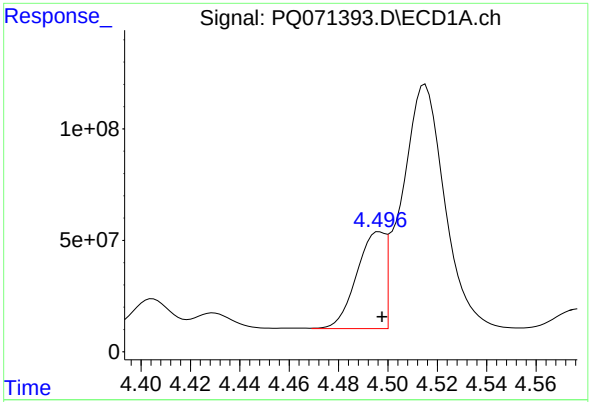
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 73432126
Conc: 11.73 ng/ml



#2 Decachlorobiphenyl

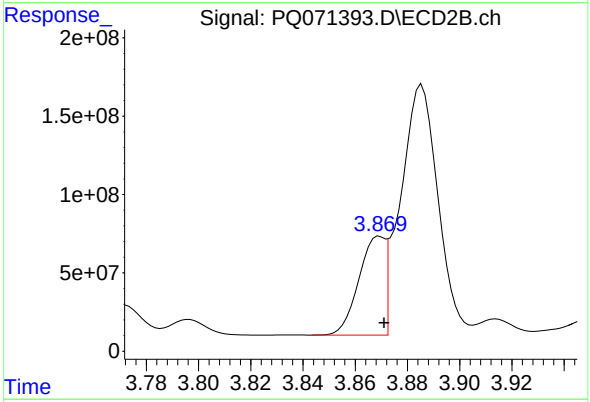
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 129556660
Conc: 14.18 ng/ml



#21 AR-1248-1

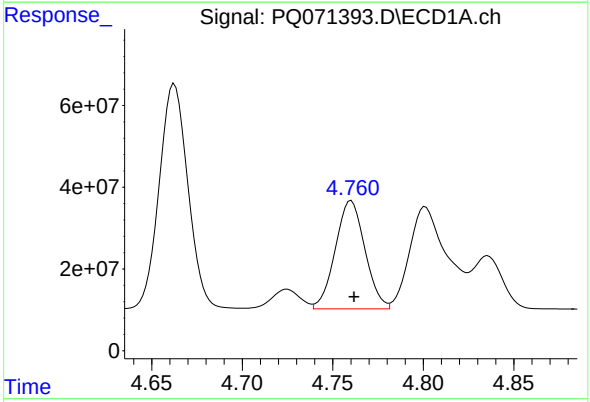
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 344925699
Conc: 1810.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



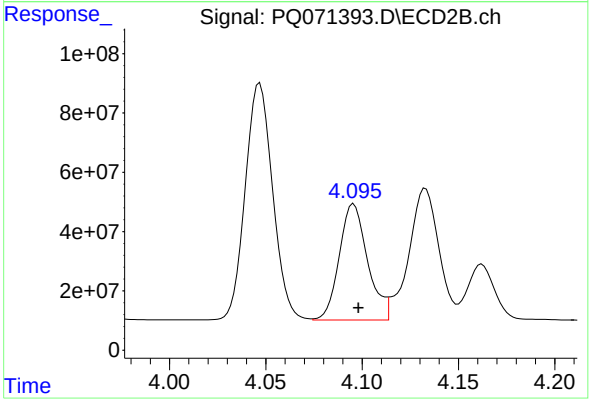
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 434929645
Conc: 2043.11 ng/ml



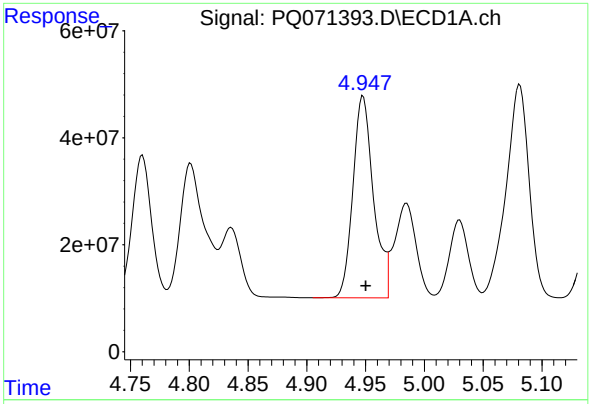
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 301568886
Conc: 1239.56 ng/ml



#22 AR-1248-2

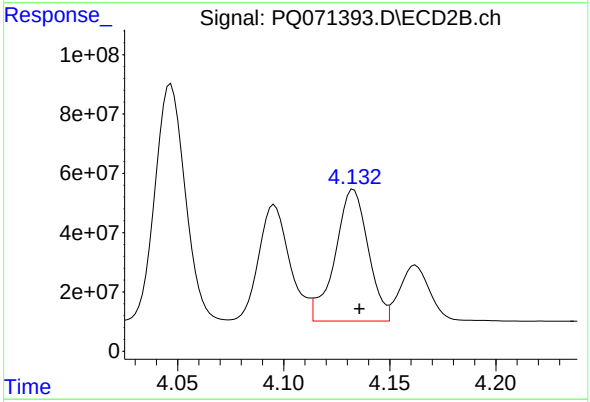
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 400767783
Conc: 1411.07 ng/ml



#23 AR-1248-3

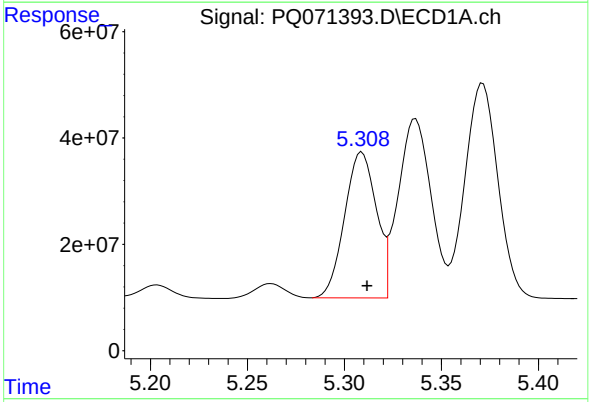
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 459225959
Conc: 1562.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



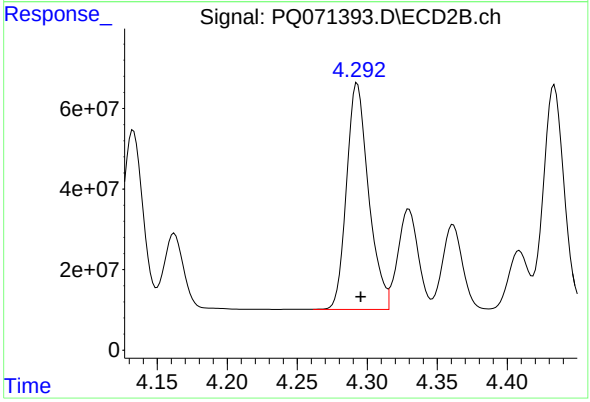
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 481991119
Conc: 1720.70 ng/ml



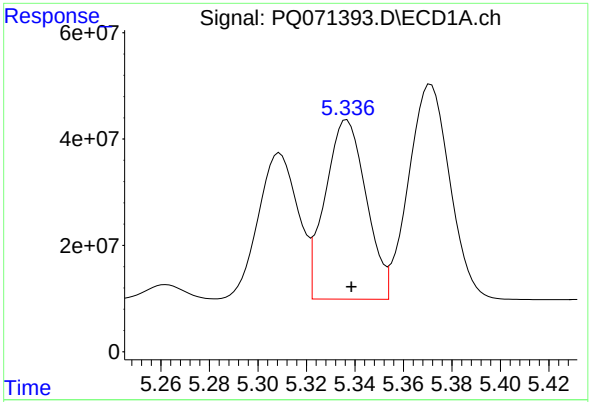
#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: -0.003 min
Response: 312825905
Conc: 1190.00 ng/ml



#24 AR-1248-4

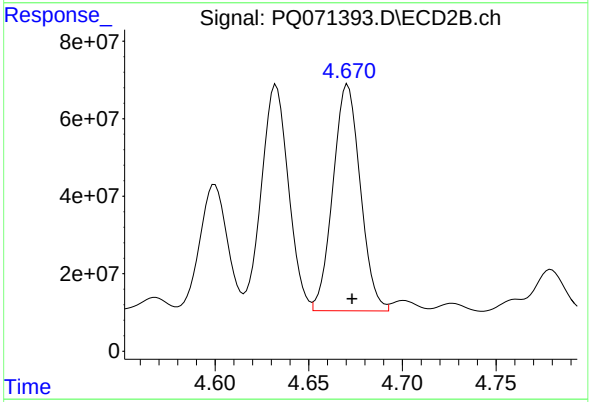
R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 615517595
Conc: 1776.98 ng/ml



#25 AR-1248-5

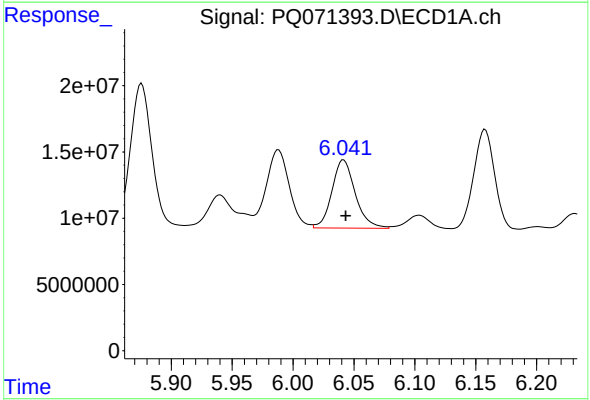
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 396389742
Conc: 1171.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



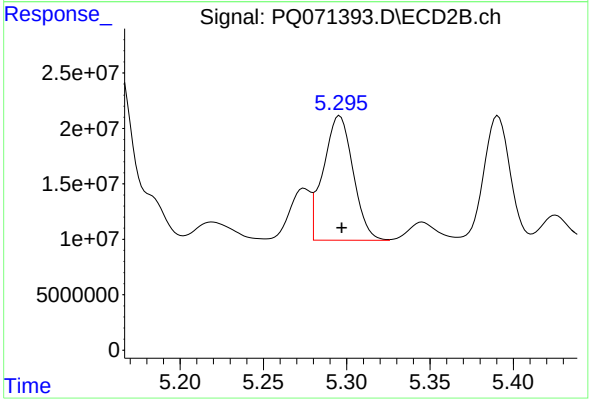
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 594673026
Conc: 1705.70 ng/ml



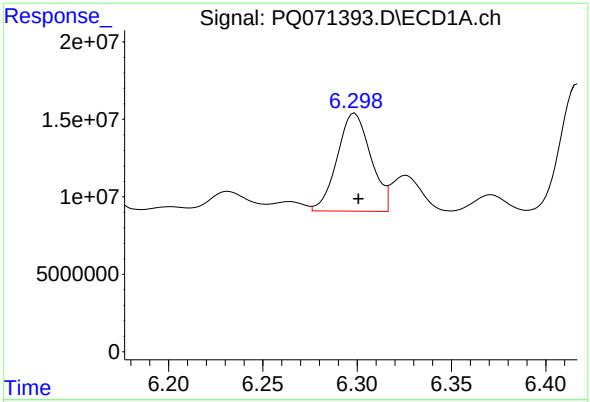
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 68596936
Conc: 153.29 ng/ml



#31 AR-1260-1

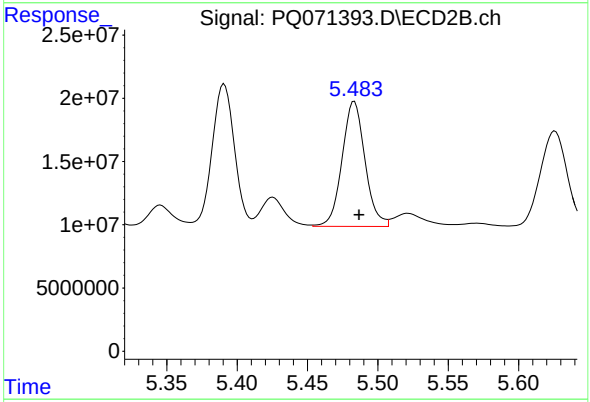
R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 139913914
Conc: 280.43 ng/ml



#32 AR-1260-2

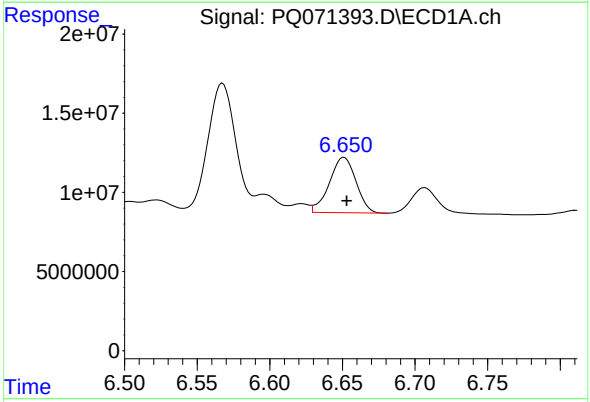
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 78476226
Conc: 153.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



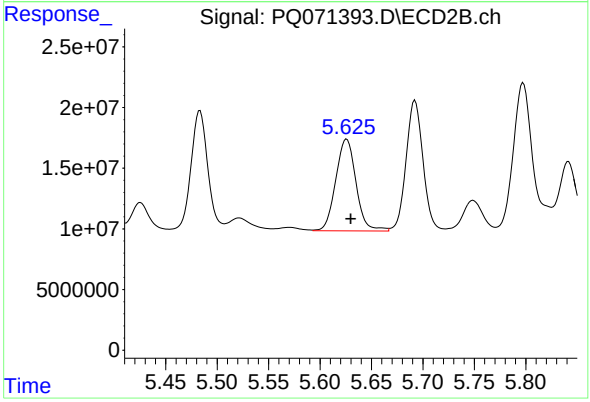
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 112322352
Conc: 185.24 ng/ml



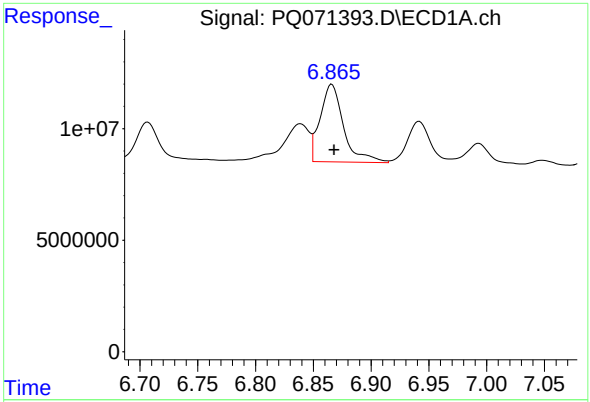
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 44558884
Conc: 116.42 ng/ml



#33 AR-1260-3

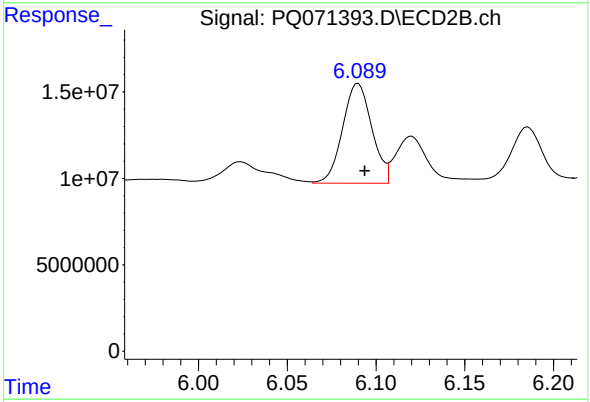
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 104004436
Conc: 175.93 ng/ml



#34 AR-1260-4

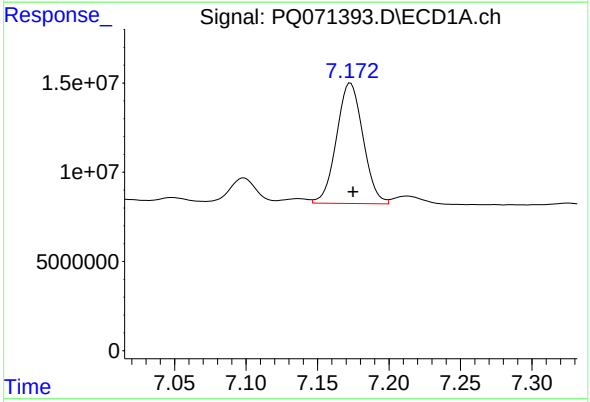
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 49304657
Conc: 117.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5



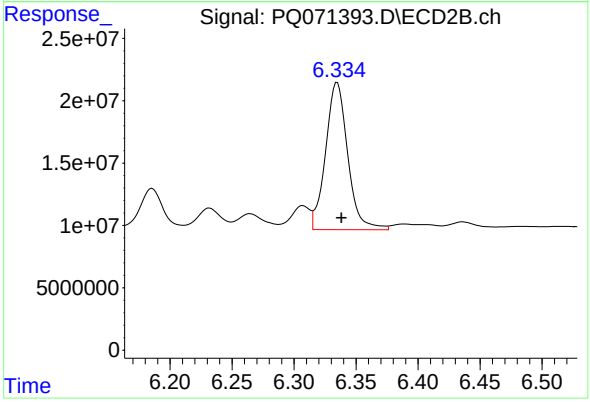
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 66140524
Conc: 133.52 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 87040663
Conc: 104.59 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 147074591
Conc: 128.08 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE5DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-02DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.5
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	103	UD	5	23.9	103	ug/kg	11/21/25 10:27	PB170653
11104-28-2	Aroclor-1221	103	UD	5	24.4	103	ug/kg	11/21/25 10:27	PB170653
11141-16-5	Aroclor-1232	103	UD	5	22.5	103	ug/kg	11/21/25 10:27	PB170653
53469-21-9	Aroclor-1242	103	UD	5	24.2	103	ug/kg	11/21/25 10:27	PB170653
12672-29-6	Aroclor-1248	686	D	5	35.8	103	ug/kg	11/21/25 10:27	PB170653
11097-69-1	Aroclor-1254	103	UD	5	19.4	103	ug/kg	11/21/25 10:27	PB170653
37324-23-5	Aroclor-1262	103	UD	5	30.4	103	ug/kg	11/21/25 10:27	PB170653
11100-14-4	Aroclor-1268	103	UD	5	21.8	103	ug/kg	11/21/25 10:27	PB170653
11096-82-5	Aroclor-1260	76.4	JD	5	19.5	103	ug/kg	11/21/25 10:27	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.4			21 - 165	102%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.8			10 - 170	69%	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

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 : PQ071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:27
Operator : YP\AJ
Sample : Q3672-02DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

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 12:33:21 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...	3.420	2.855	29840276	38157586	3.428	4.087
2)	SA Decachlor...	8.550	7.658	13436800	25108176	2.146	2.748 #
	Target Compounds						
21)	L5 AR-1248-1	4.507	3.870	67043671	85724460	351.946	402.696
22)	L5 AR-1248-2	4.771	4.096	57423266	81782351	236.031	287.949
23)	L5 AR-1248-3	4.959	4.133	85423548	92237025	290.729	329.285
24)	L5 AR-1248-4	5.321	4.293	62930734	121.0E6	239.391m	349.359 #
25)	L5 AR-1248-5	5.347	4.671	73252512	115.9E6	216.502m	332.376 #
31)	L7 AR-1260-1	6.054	5.295	14722120	26203150	32.899	52.519m#
32)	L7 AR-1260-2	6.310	5.483	16080254	21858567	31.474	36.048m
33)	L7 AR-1260-3	6.662	5.625	9107254	23288834	23.795	39.394m#
34)	L7 AR-1260-4	6.877	6.091	9583012	16792130	22.918	33.898 #
35)	L7 AR-1260-5	7.185	6.336	16594198	31653837	19.939	27.566 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:27
Operator : YP\AJ
Sample : Q3672-02DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

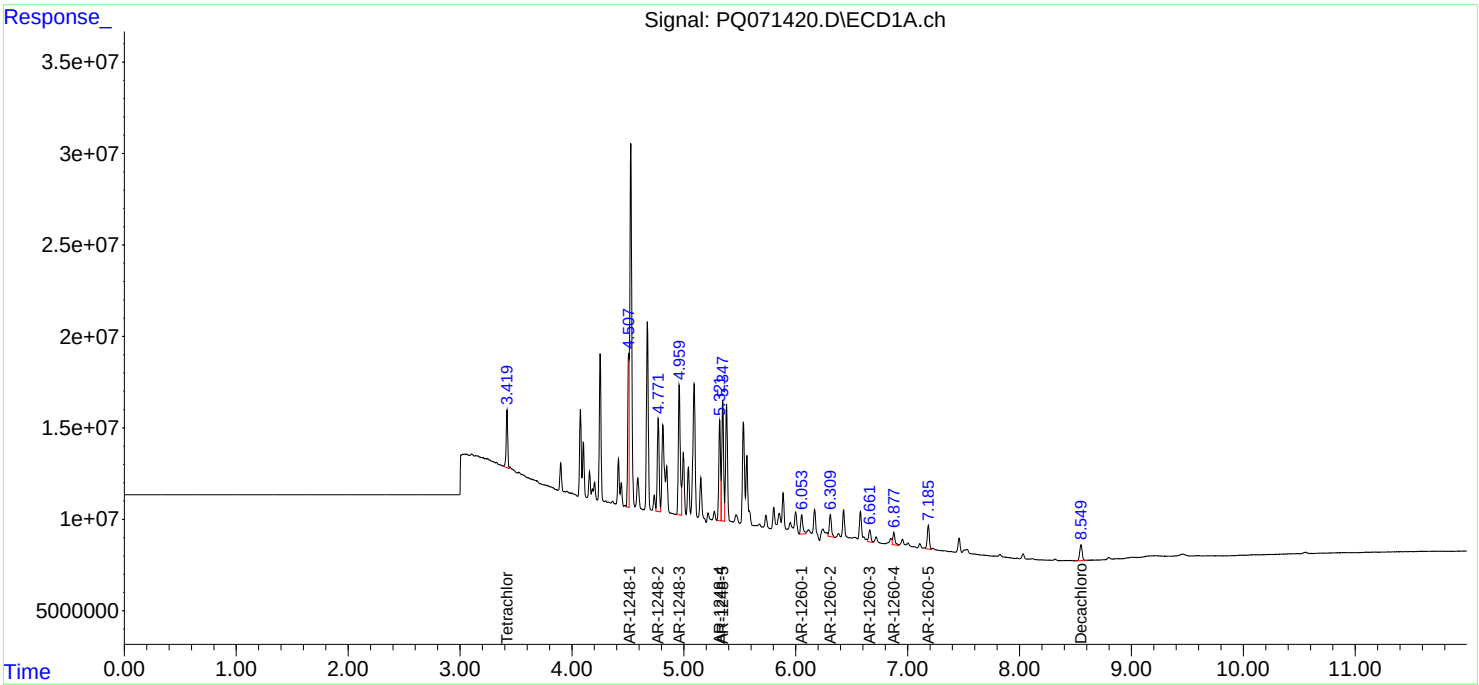
Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

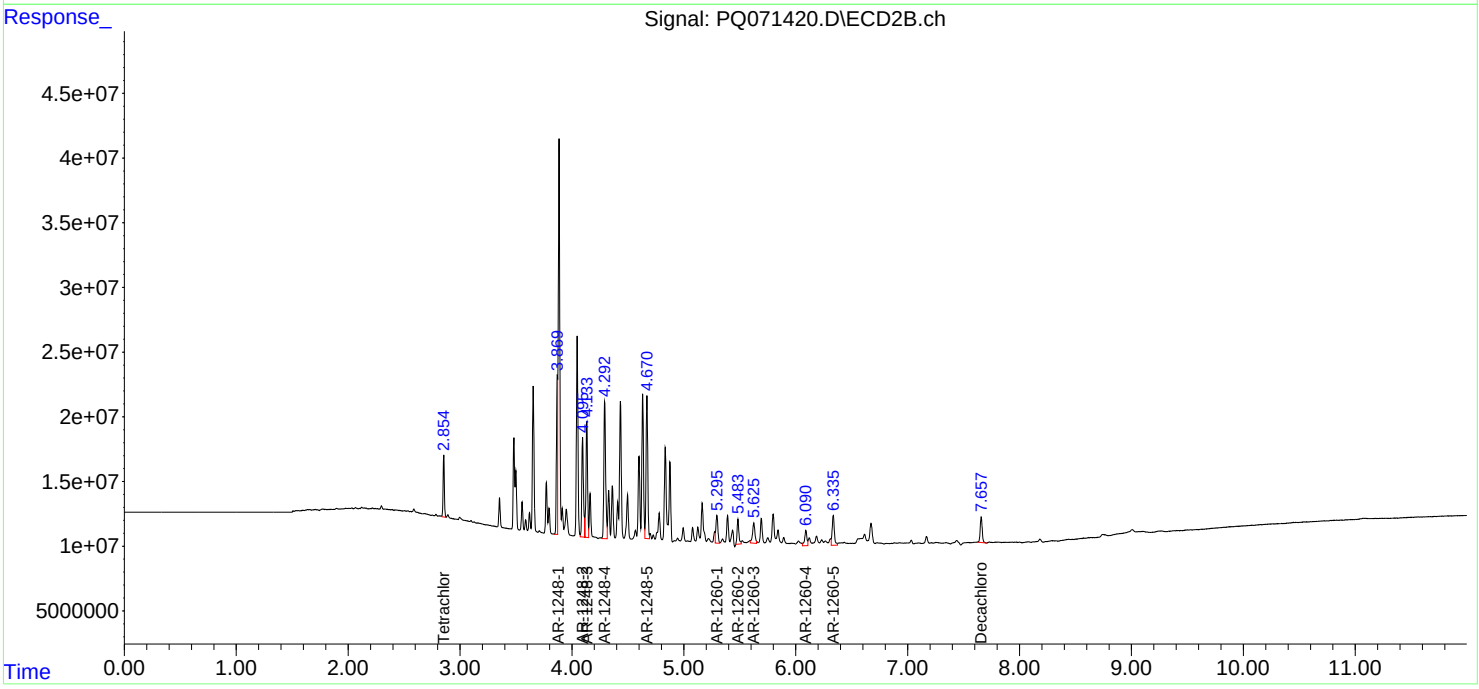
Manual Integrations APPROVED

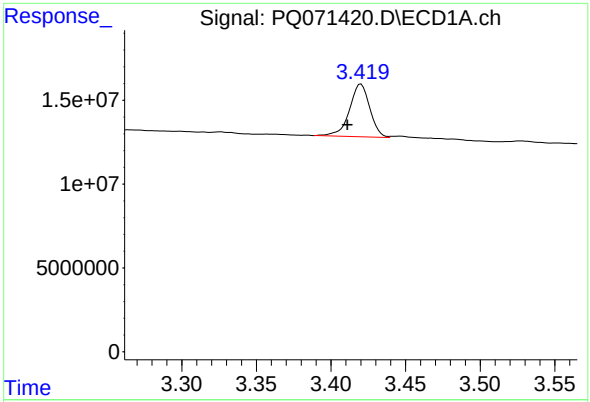
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:33:21 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







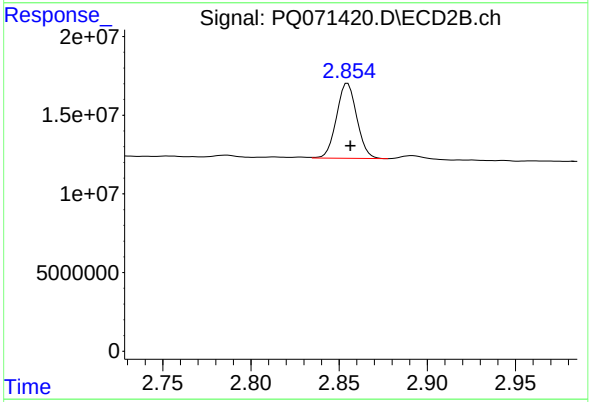
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.009 min
Response: 29840276
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

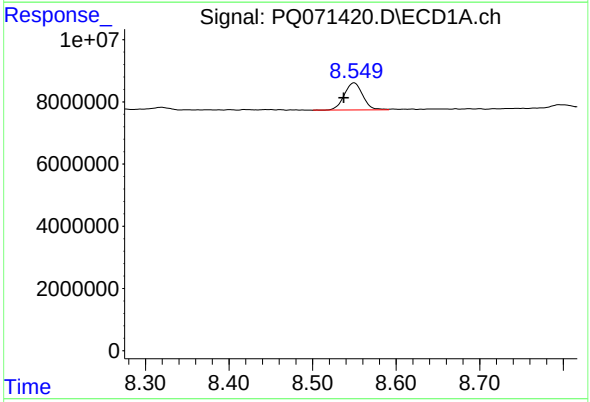
Manual Integrations APPROVED

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



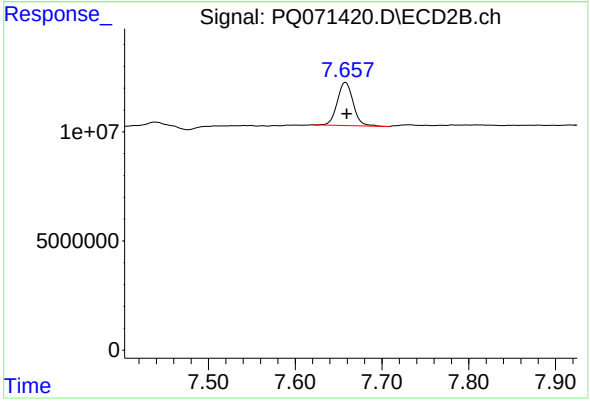
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 38157586
Conc: 4.09 ng/ml



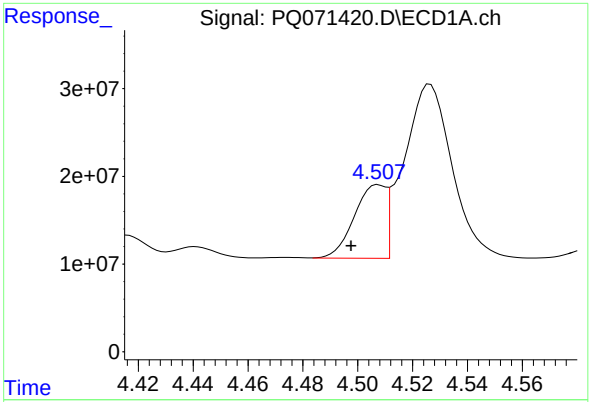
#2 Decachlorobiphenyl

R.T.: 8.550 min
Delta R.T.: 0.012 min
Response: 13436800
Conc: 2.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 25108176
Conc: 2.75 ng/ml



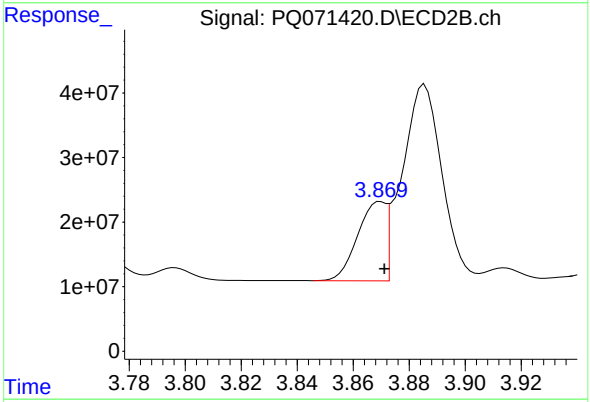
#21 AR-1248-1

R.T.: 4.507 min
Delta R.T.: 0.010 min
Response: 67043671
Conc: 351.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

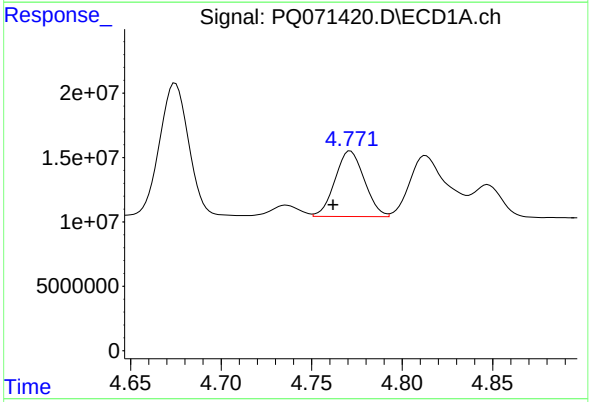
Manual Integrations APPROVED

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



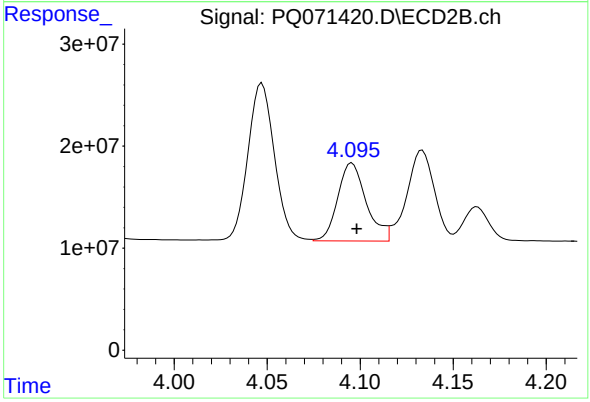
#21 AR-1248-1

R.T.: 3.870 min
Delta R.T.: -0.001 min
Response: 85724460
Conc: 402.70 ng/ml



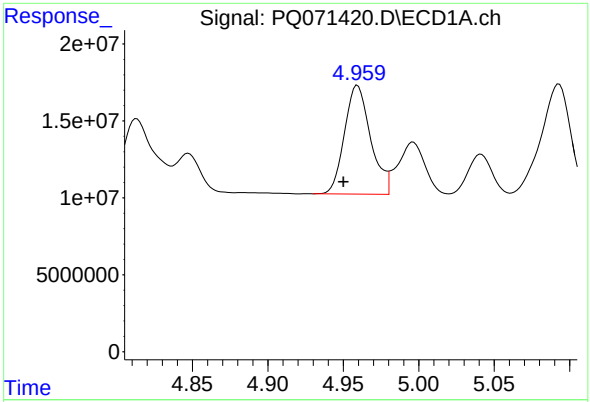
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 57423266
Conc: 236.03 ng/ml



#22 AR-1248-2

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 81782351
Conc: 287.95 ng/ml



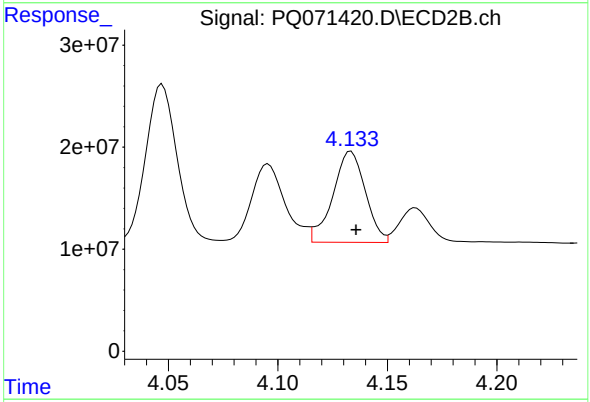
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: 0.009 min
Response: 85423548
Conc: 290.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

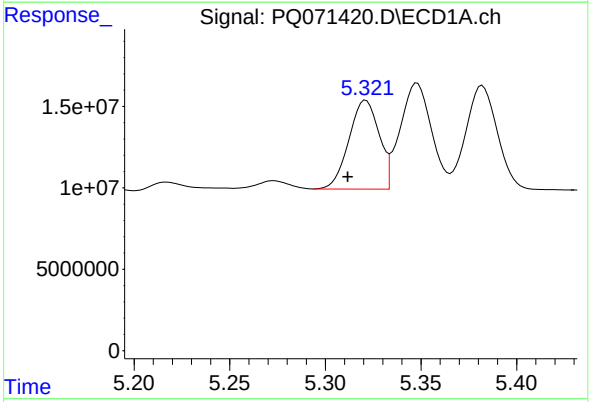
Manual Integrations APPROVED

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



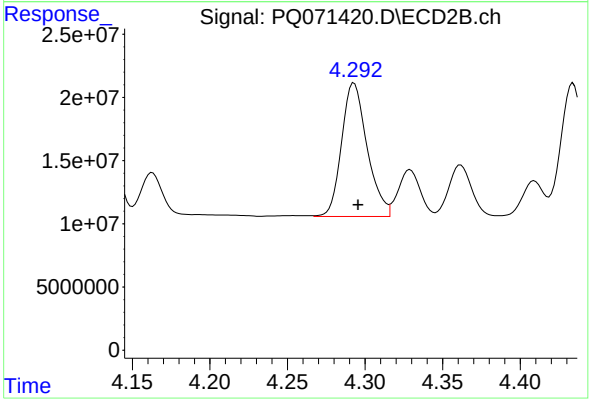
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 92237025
Conc: 329.29 ng/ml



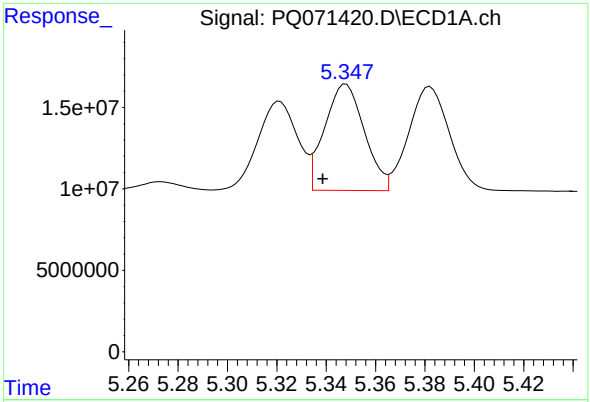
#24 AR-1248-4

R.T.: 5.321 min
Delta R.T.: 0.009 min
Response: 62930734
Conc: 239.39 ng/ml m



#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 121012237
Conc: 349.36 ng/ml



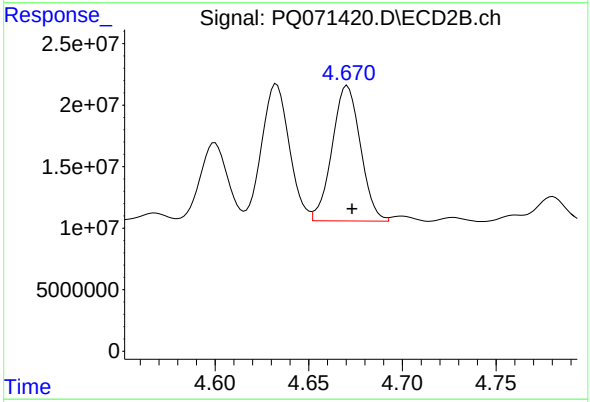
#25 AR-1248-5

R.T.: 5.347 min
Delta R.T.: 0.009 min
Response: 73252512
Conc: 216.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

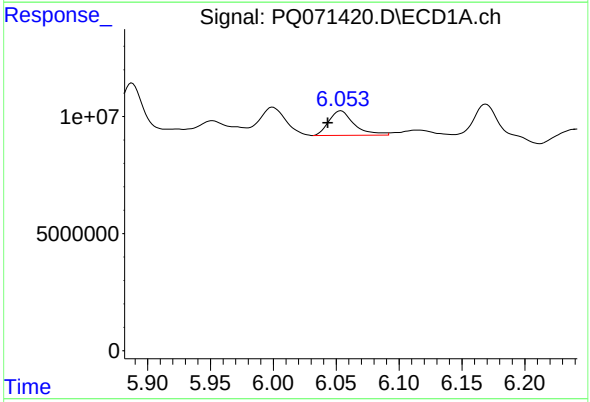
Manual Integrations APPROVED

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



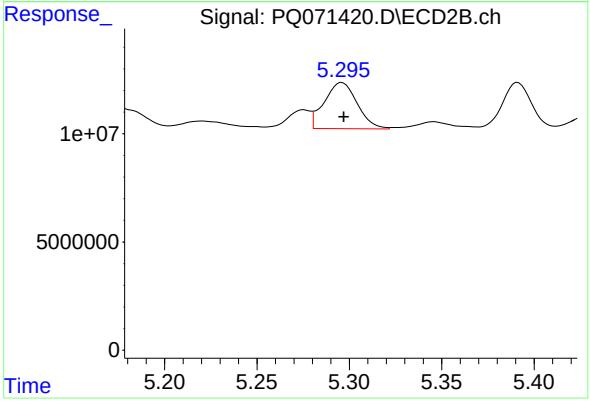
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 115878727
Conc: 332.38 ng/ml



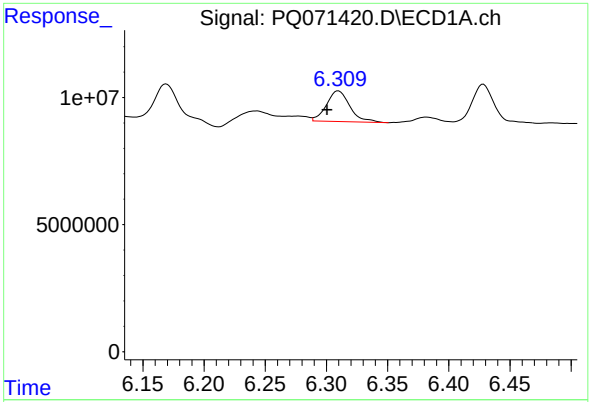
#31 AR-1260-1

R.T.: 6.054 min
Delta R.T.: 0.010 min
Response: 14722120
Conc: 32.90 ng/ml



#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 26203150
Conc: 52.52 ng/ml m



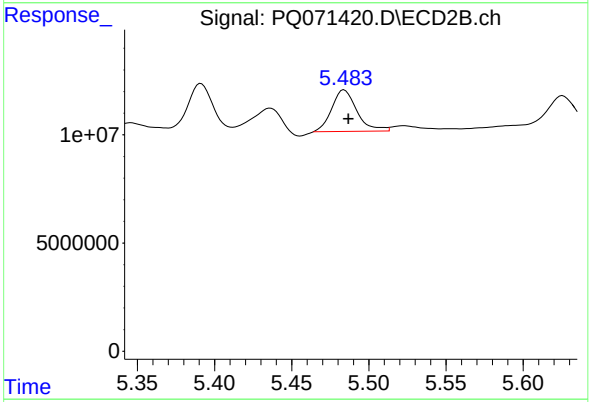
#32 AR-1260-2

R.T.: 6.310 min
Delta R.T.: 0.009 min
Response: 16080254
Conc: 31.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

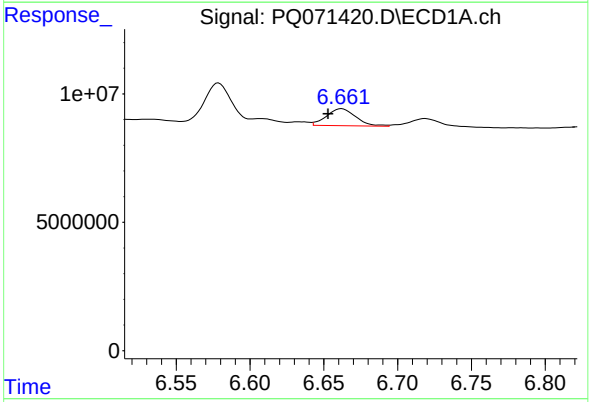
Manual Integrations APPROVED

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



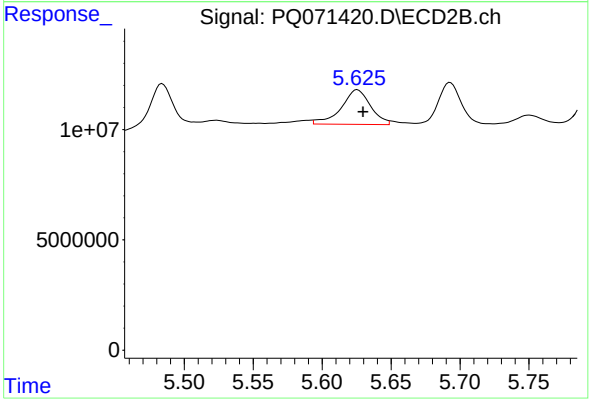
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 21858567
Conc: 36.05 ng/ml m



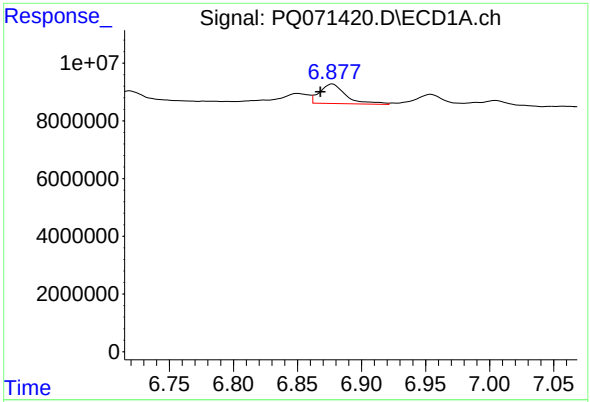
#33 AR-1260-3

R.T.: 6.662 min
Delta R.T.: 0.009 min
Response: 9107254
Conc: 23.80 ng/ml



#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 23288834
Conc: 39.39 ng/ml m



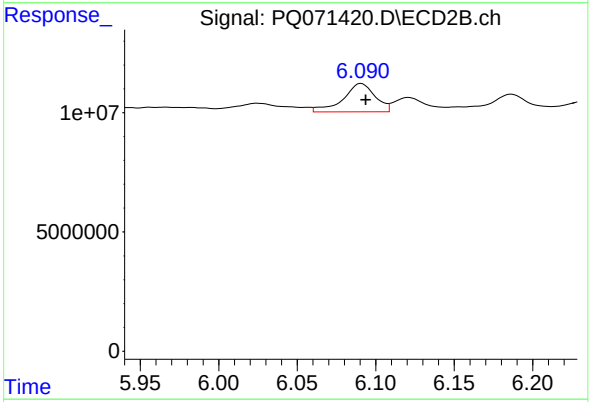
#34 AR-1260-4

R.T.: 6.877 min
Delta R.T.: 0.009 min
Response: 9583012
Conc: 22.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE5DL

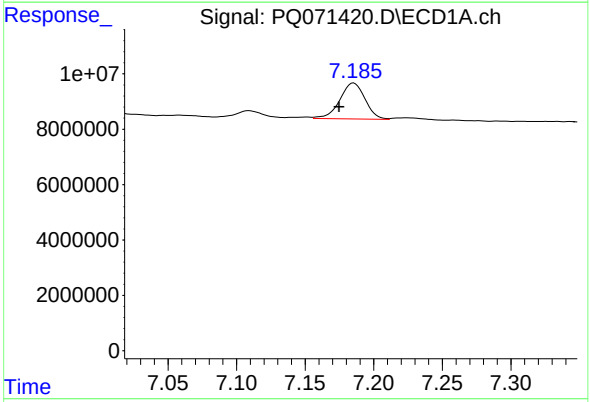
Manual Integrations APPROVED

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



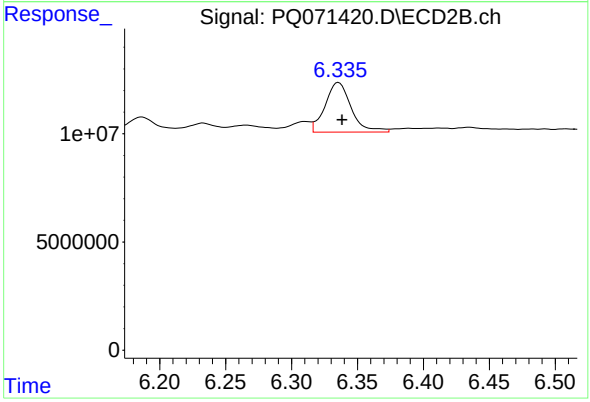
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 16792130
Conc: 33.90 ng/ml



#35 AR-1260-5

R.T.: 7.185 min
Delta R.T.: 0.011 min
Response: 16594198
Conc: 19.94 ng/ml



#35 AR-1260-5

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 31653837
Conc: 27.57 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE6	SDG No.:	Q3672
Lab Sample ID:	Q3672-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.3
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 22:15	PB170653
11104-28-2	Aroclor-1221	20.6	U	1	4.90	20.6	ug/kg	11/20/25 22:15	PB170653
11141-16-5	Aroclor-1232	20.6	U	1	4.50	20.6	ug/kg	11/20/25 22:15	PB170653
53469-21-9	Aroclor-1242	20.6	U	1	4.90	20.6	ug/kg	11/20/25 22:15	PB170653
12672-29-6	Aroclor-1248	20.6	U	1	7.20	20.6	ug/kg	11/20/25 22:15	PB170653
11097-69-1	Aroclor-1254	20.6	U	1	3.90	20.6	ug/kg	11/20/25 22:15	PB170653
37324-23-5	Aroclor-1262	20.6	U	1	6.10	20.6	ug/kg	11/20/25 22:15	PB170653
11100-14-4	Aroclor-1268	20.6	U	1	4.40	20.6	ug/kg	11/20/25 22:15	PB170653
11096-82-5	Aroclor-1260	15000	E	1	3.90	20.6	ug/kg	11/20/25 22:15	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.2			21 - 165	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.9			10 - 170	125%	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

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\PQ112025\
Data File : PQ071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:15
Operator : YP\AJ
Sample : Q3672-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:53 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...	3.410	2.855	177.5E6	216.3E6	20.393	23.162
2)	SA Decachlor...	8.534	7.654	141.3E6	227.7E6	22.567	24.913
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.294	14152.0E6	20009.1E6	31624.862	40104.312 #
32)	L7 AR-1260-2	6.298	5.481	21793.8E6	22446.7E6	42656.485m	37017.863
33)	L7 AR-1260-3	6.651	5.627	15981.8E6	25231.4E6	41757.057m	42679.421
34)	L7 AR-1260-4	6.865	6.091	16469.5E6	21059.1E6	39387.170	42511.077
35)	L7 AR-1260-5	7.175	6.328	27436.6E6	31748.0E6	32967.226	27648.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071394.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:15
Operator : YP\AJ
Sample : Q3672-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

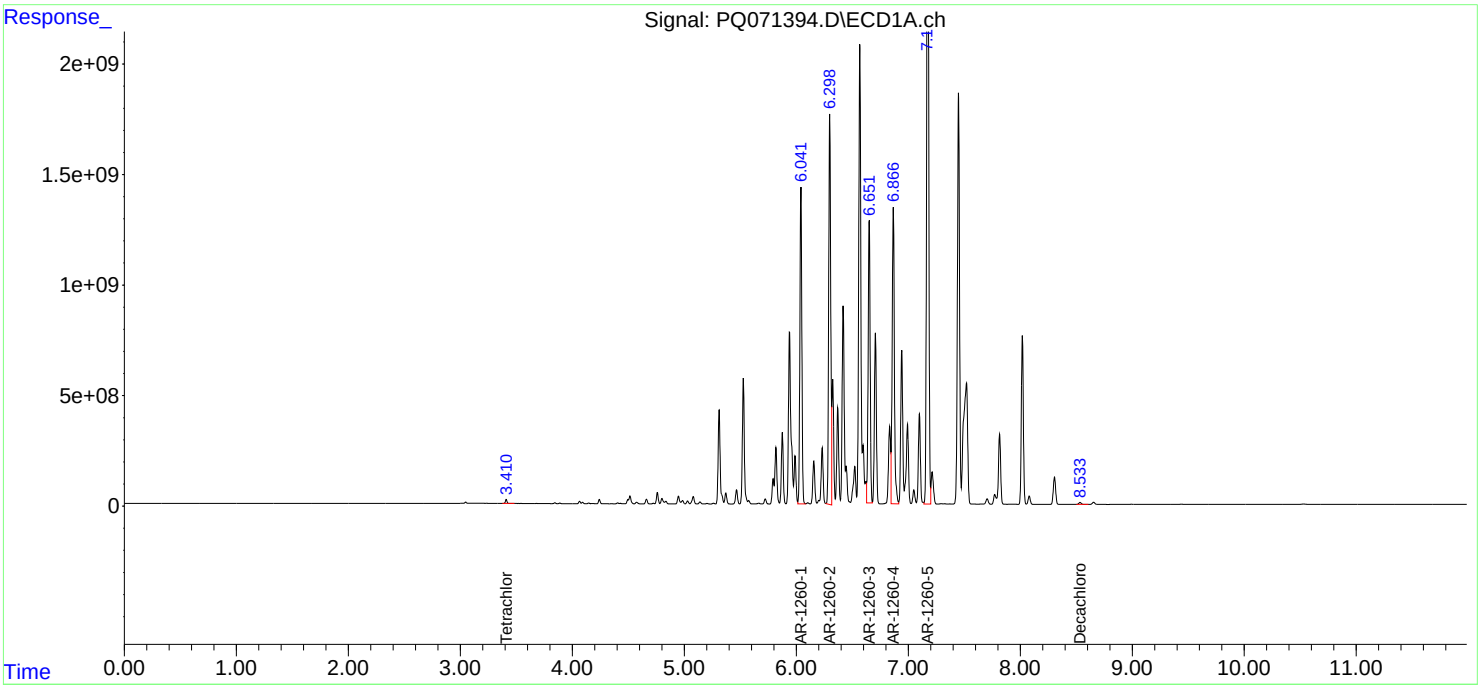
Instrument :
ECD_Q
ClientSampleId :
C0AE6

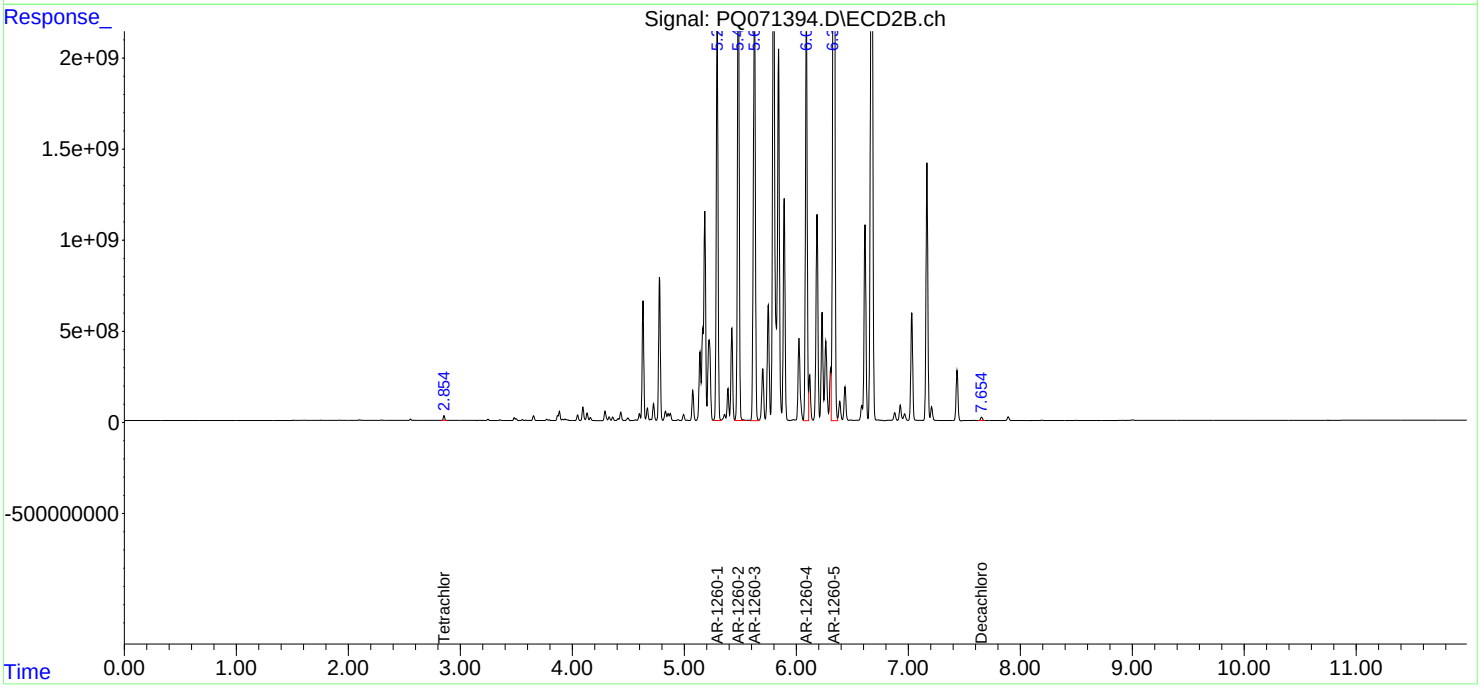
Manual Integrations APPROVED

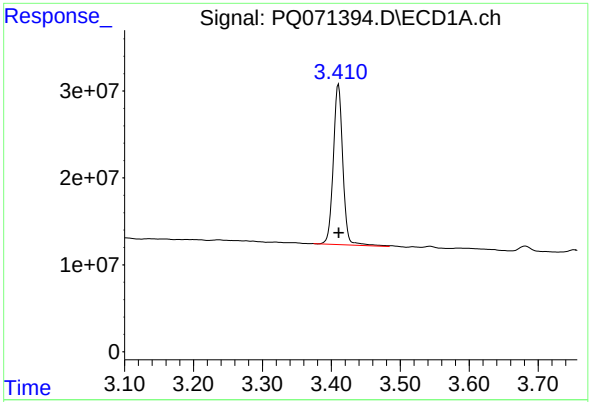
Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:53 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







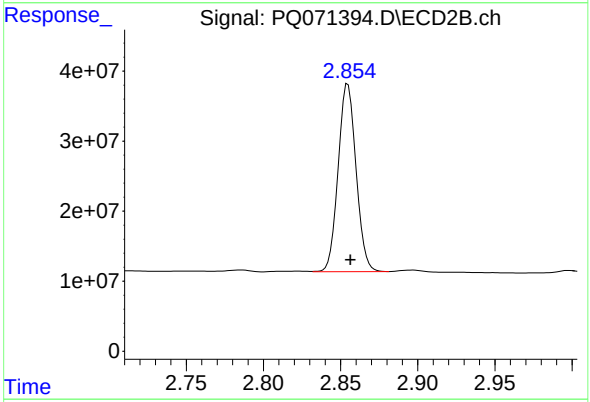
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 177520567
Conc: 20.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE6

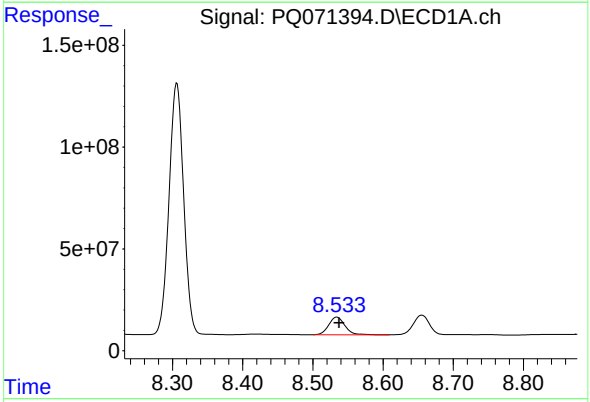
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



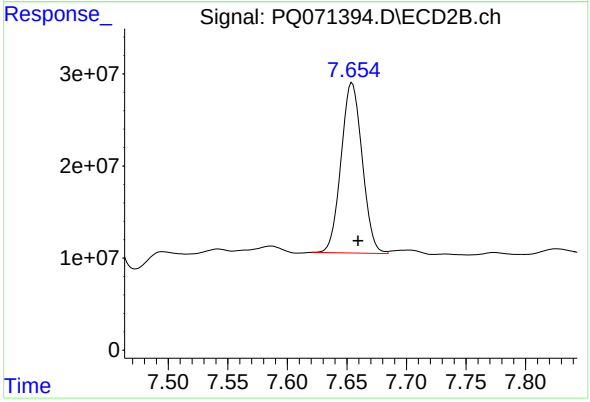
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 216256752
Conc: 23.16 ng/ml



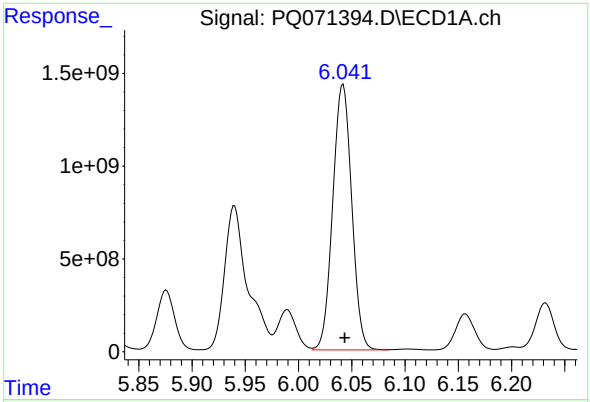
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 141302534
Conc: 22.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 227650999
Conc: 24.91 ng/ml



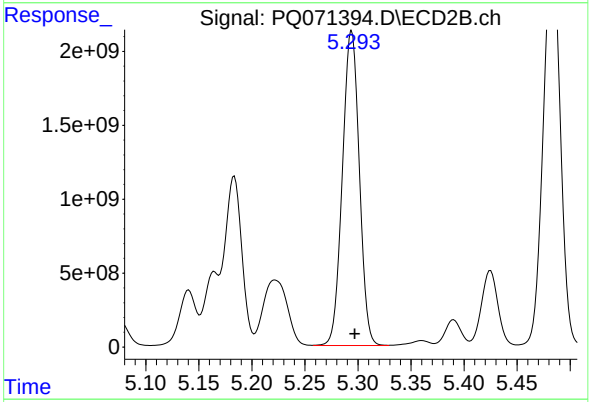
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 14152035658
Conc: 31624.86 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE6

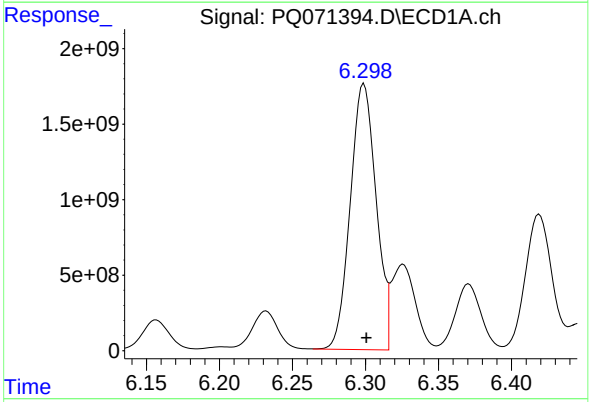
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



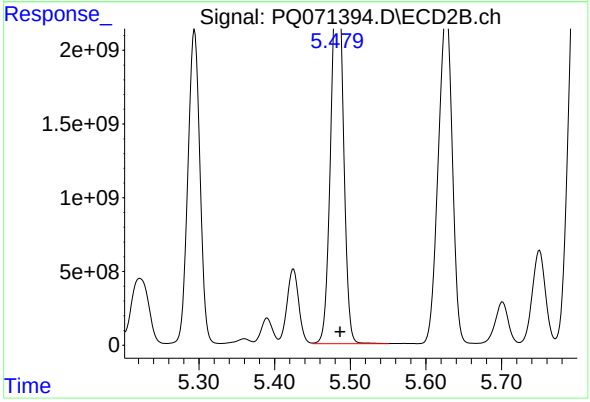
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 20009116729
Conc: 40104.31 ng/ml



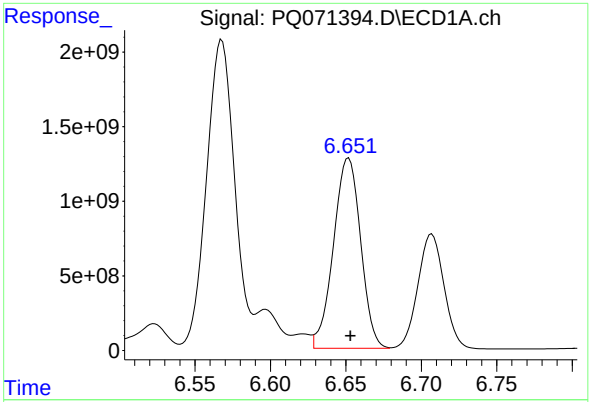
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 21793788259
Conc: 42656.49 ng/ml m



#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 22446737007
Conc: 37017.86 ng/ml



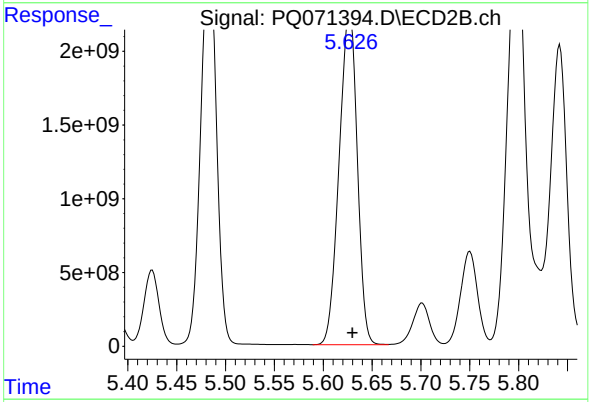
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 15981835980
Conc: 41757.06 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE6

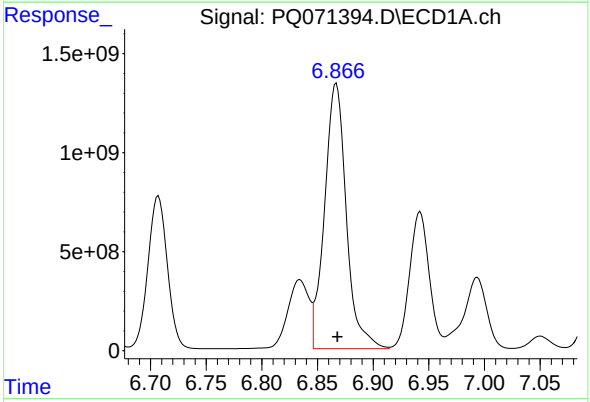
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



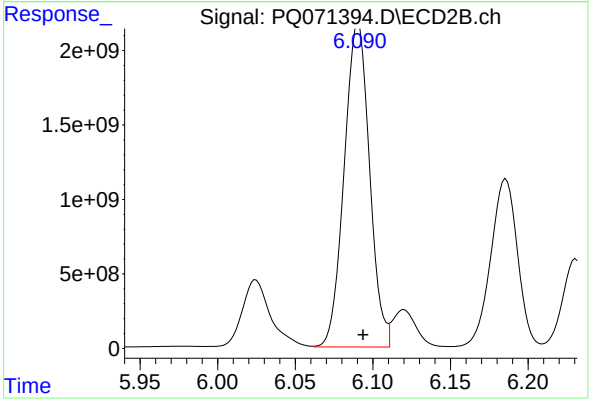
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 25231395838
Conc: 42679.42 ng/ml



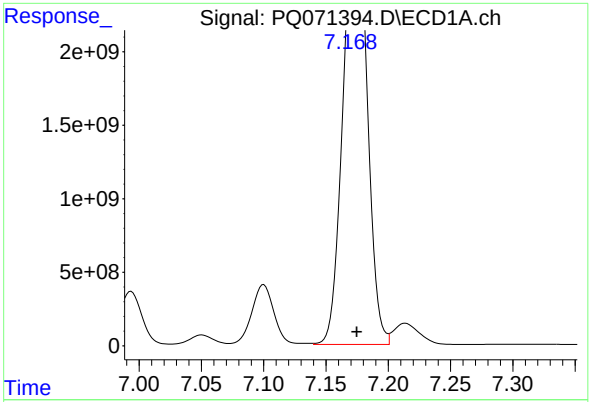
#34 AR-1260-4

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 16469533029
Conc: 39387.17 ng/ml



#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 21059086052
Conc: 42511.08 ng/ml



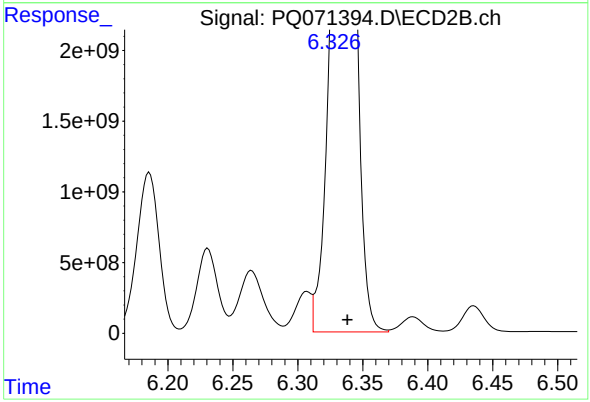
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 27436570265
Conc: 32967.23 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE6

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 6.328 min
Delta R.T.: -0.010 min
Response: 31747957303
Conc: 27648.13 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE6DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-03DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.3
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	2100	UD	100	479	2100	ug/kg	11/21/25 10:42	PB170653
11104-28-2	Aroclor-1221	2100	UD	100	489	2100	ug/kg	11/21/25 10:42	PB170653
11141-16-5	Aroclor-1232	2100	UD	100	451	2100	ug/kg	11/21/25 10:42	PB170653
53469-21-9	Aroclor-1242	2100	UD	100	486	2100	ug/kg	11/21/25 10:42	PB170653
12672-29-6	Aroclor-1248	2100	UD	100	718	2100	ug/kg	11/21/25 10:42	PB170653
11097-69-1	Aroclor-1254	2100	UD	100	389	2100	ug/kg	11/21/25 10:42	PB170653
37324-23-5	Aroclor-1262	2100	UD	100	609	2100	ug/kg	11/21/25 10:42	PB170653
11100-14-4	Aroclor-1268	2100	UD	100	437	2100	ug/kg	11/21/25 10:42	PB170653
11096-82-5	Aroclor-1260	25000	D	100	392	2100	ug/kg	11/21/25 10:42	PB170653
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

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 : PQ071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:42
Operator : YP\AJ
Sample : Q3672-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE6DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:33:43 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	5.293	232.9E6	315.7E6	520.496	632.771
32)	L7 AR-1260-2	6.301	5.483	279.8E6	388.0E6	547.580	639.918
33)	L7 AR-1260-3	6.653	5.626	195.8E6	367.9E6	511.512	622.388
34)	L7 AR-1260-4	6.869	6.089	217.6E6	299.7E6	520.369	604.894
35)	L7 AR-1260-5	7.176	6.334	437.1E6	695.3E6	525.177	605.519

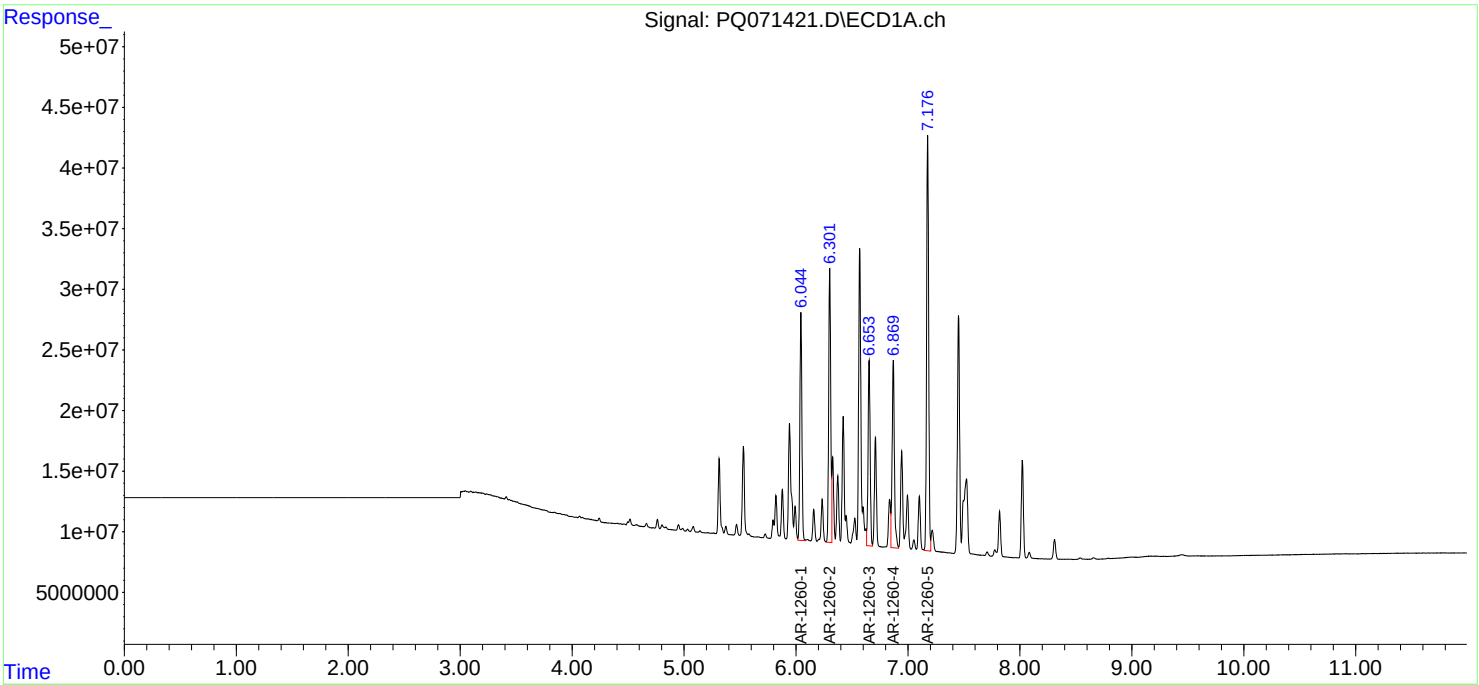
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

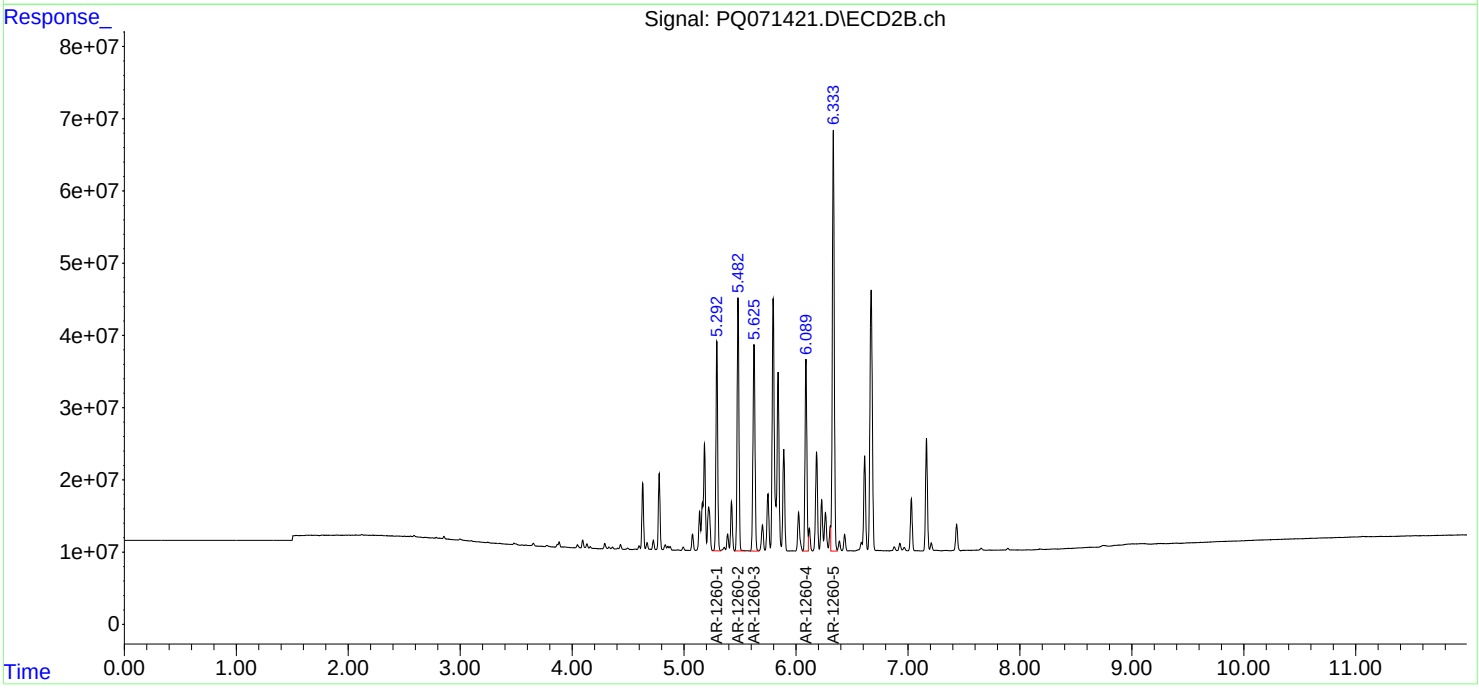
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:42
Operator : YP\AJ
Sample : Q3672-03DL 100X
Misc :
ALS Vial : 5 Sample Multiplier: 1

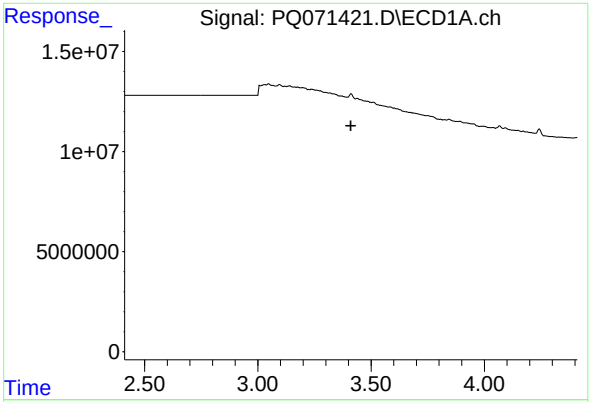
Instrument :
ECD_Q
ClientSampleId :
C0AE6DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:33:43 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



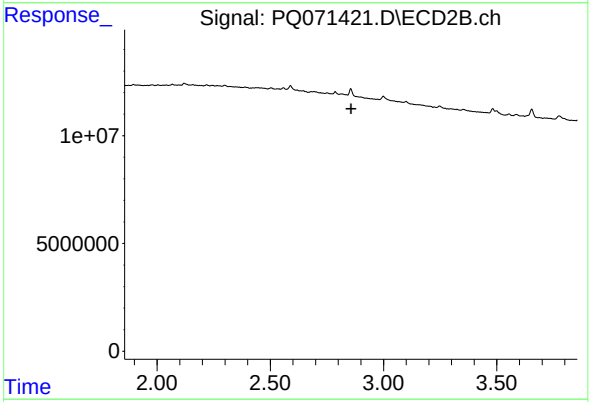




#1 Tetrachloro-m-xylene

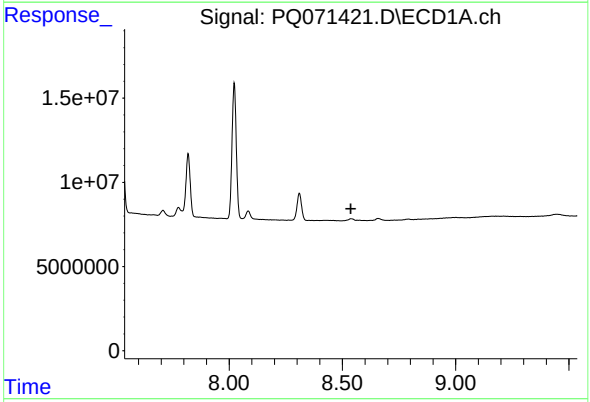
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AE6DL



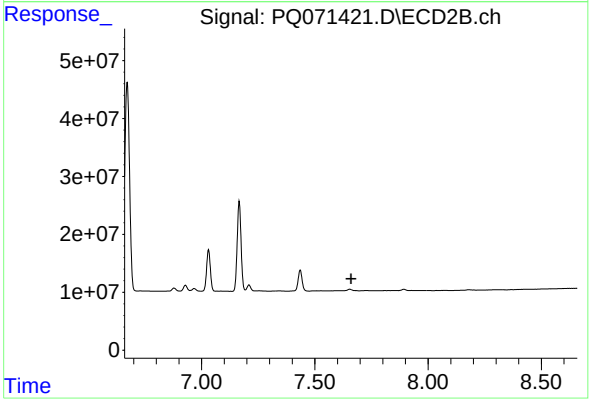
#1 Tetrachloro-m-xylene

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



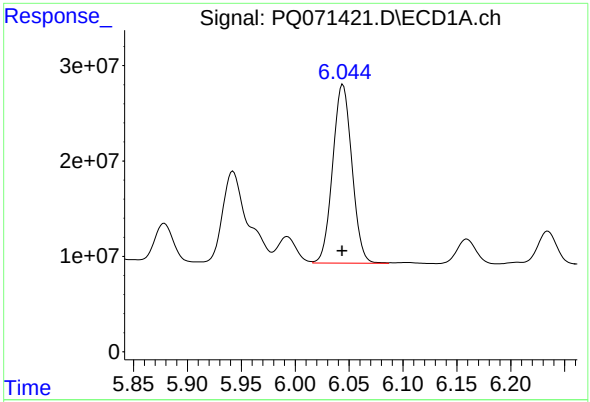
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

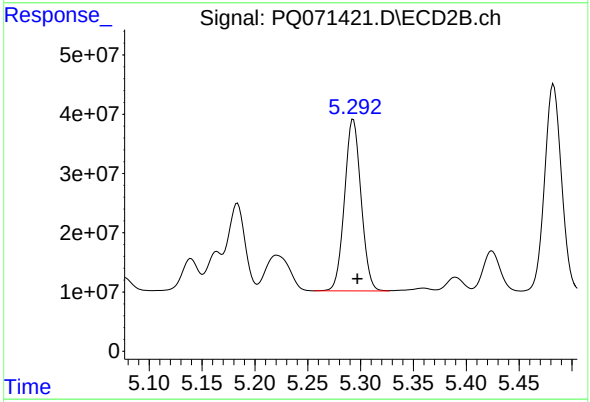
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

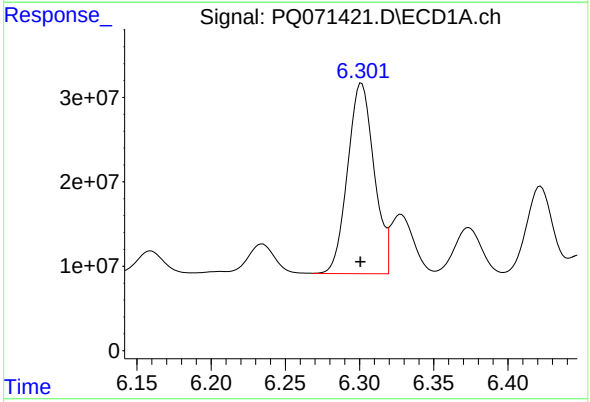
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 232920337
Conc: 520.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE6DL



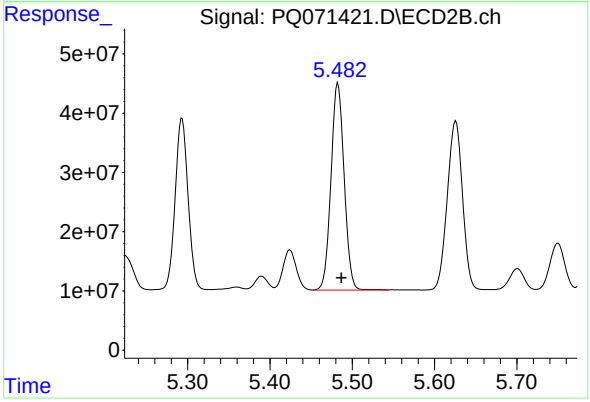
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 315706288
Conc: 632.77 ng/ml



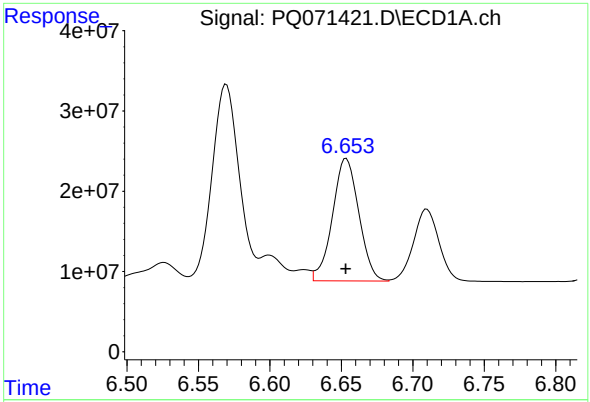
#32 AR-1260-2

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 279766127
Conc: 547.58 ng/ml



#32 AR-1260-2

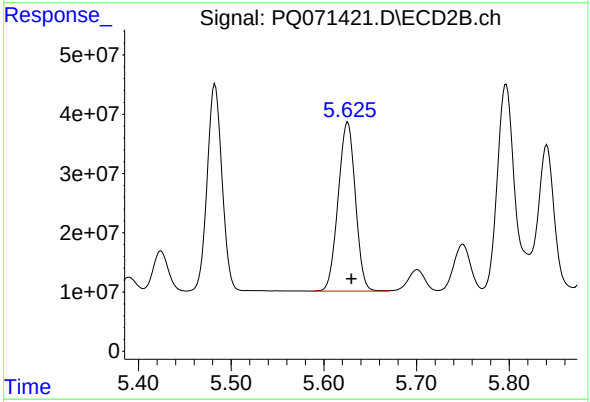
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 388030696
Conc: 639.92 ng/ml



#33 AR-1260-3

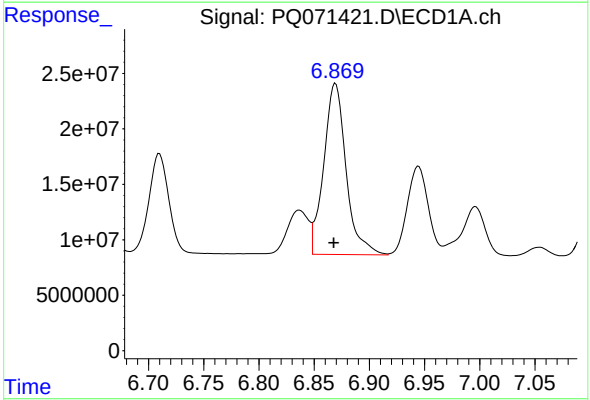
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 195772776
Conc: 511.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE6DL



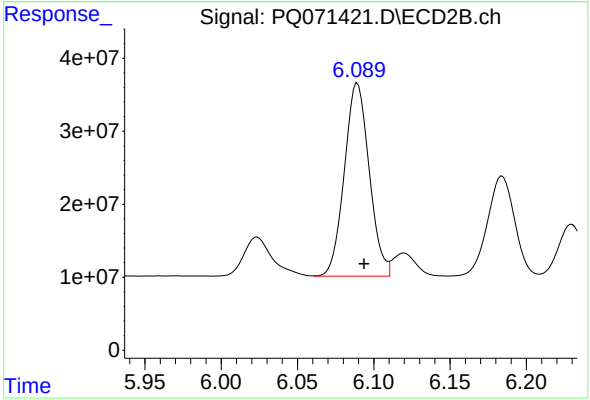
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 367945634
Conc: 622.39 ng/ml



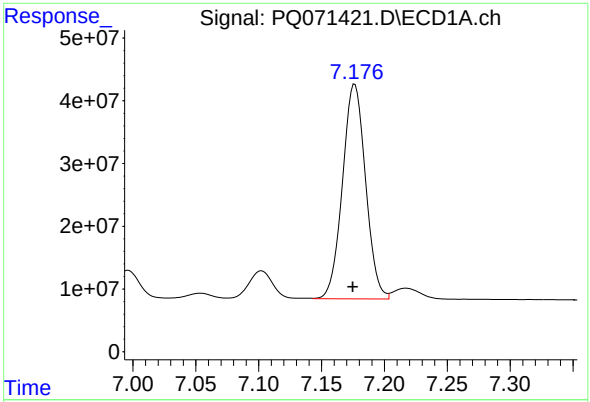
#34 AR-1260-4

R.T.: 6.869 min
Delta R.T.: 0.002 min
Response: 217589616
Conc: 520.37 ng/ml



#34 AR-1260-4

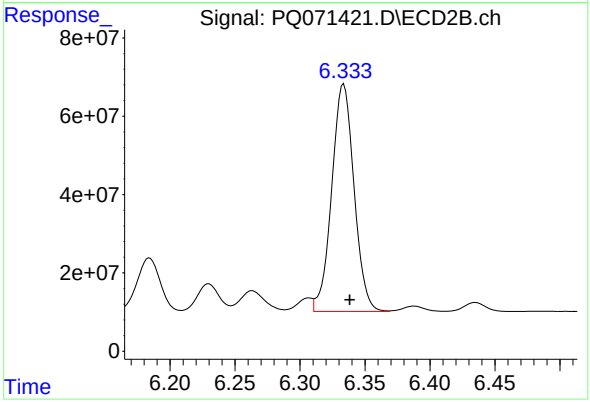
R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 299651631
Conc: 604.89 ng/ml



#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 437072266
Conc: 525.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE6DL



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 695308382
Conc: 605.52 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE7	SDG No.:	Q3672
Lab Sample ID:	Q3672-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.2	U	1	4.90	21.2	ug/kg	11/20/25 22:29	PB170653
11104-28-2	Aroclor-1221	21.2	U	1	5.00	21.2	ug/kg	11/20/25 22:29	PB170653
11141-16-5	Aroclor-1232	21.2	U	1	4.60	21.2	ug/kg	11/20/25 22:29	PB170653
53469-21-9	Aroclor-1242	21.2	U	1	5.00	21.2	ug/kg	11/20/25 22:29	PB170653
12672-29-6	Aroclor-1248	21.2	U	1	7.40	21.2	ug/kg	11/20/25 22:29	PB170653
11097-69-1	Aroclor-1254	21.2	U	1	4.00	21.2	ug/kg	11/20/25 22:29	PB170653
37324-23-5	Aroclor-1262	21.2	U	1	6.30	21.2	ug/kg	11/20/25 22:29	PB170653
11100-14-4	Aroclor-1268	21.2	U	1	4.50	21.2	ug/kg	11/20/25 22:29	PB170653
11096-82-5	Aroclor-1260	41000	E	1	4.00	21.2	ug/kg	11/20/25 22:29	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.1			21 - 165	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	39.9	*		10 - 170	200%	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

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\PQ112025\
Data File : PQ071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:29
Operator : YP\AJ
Sample : Q3672-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:06:49 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	187.4E6	206.8E6	21.530	22.150
2)	SA Decachlor...	8.535	7.655	246.8E6	364.8E6	39.408	39.925
	Target Compounds						
31)	L7 AR-1260-1	6.032	5.288	42811.0E6	37924.3E6	95667.621m	76011.656
32)	L7 AR-1260-2	6.290	5.475	58998.7E6	42006.7E6	115476.830	69274.964 #
33)	L7 AR-1260-3	6.647	5.613	36687.2E6	45430.7E6	95855.774	76846.982
34)	L7 AR-1260-4	6.856	6.108	47369.9E6	50493.7E6	113285.931m	101929.381
35)	L7 AR-1260-5	7.159	6.312f	57862.2E6	62198.5E6	69526.079m	54166.372

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

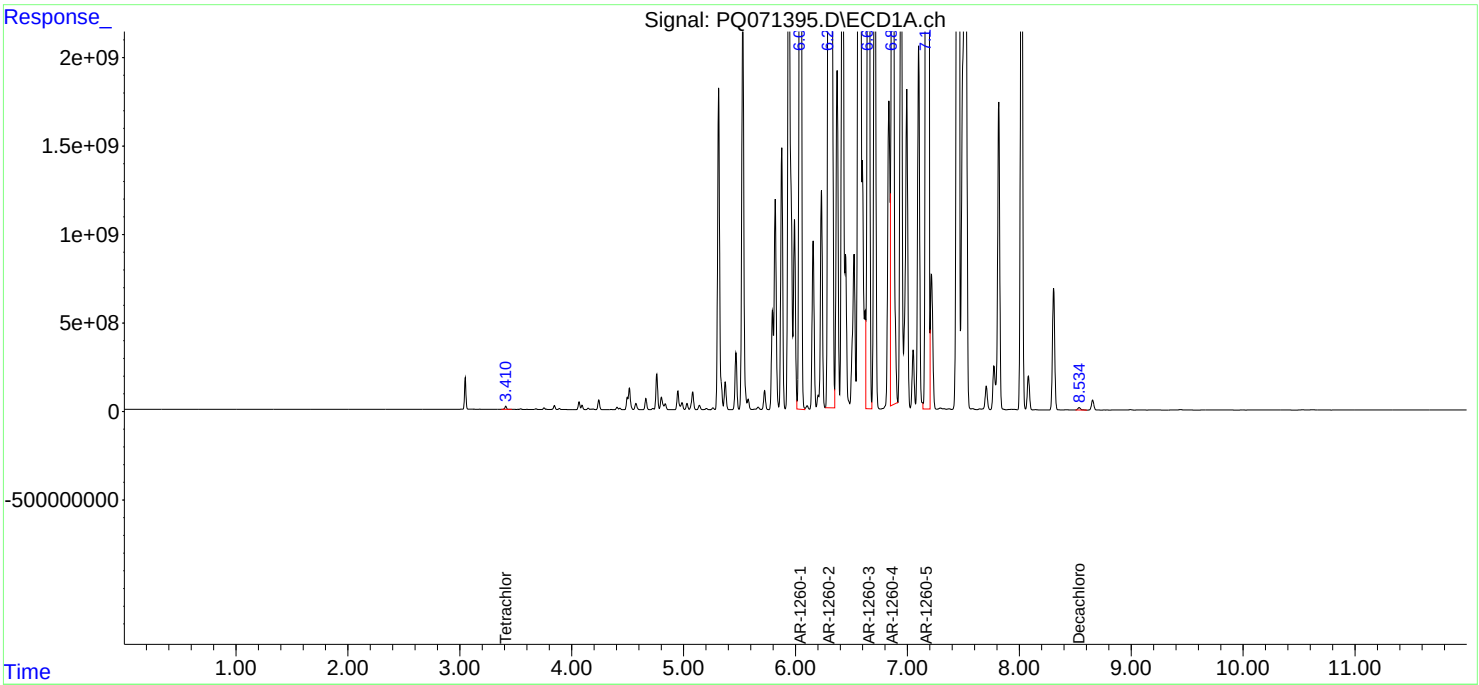
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:29
Operator : YP\AJ
Sample : Q3672-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

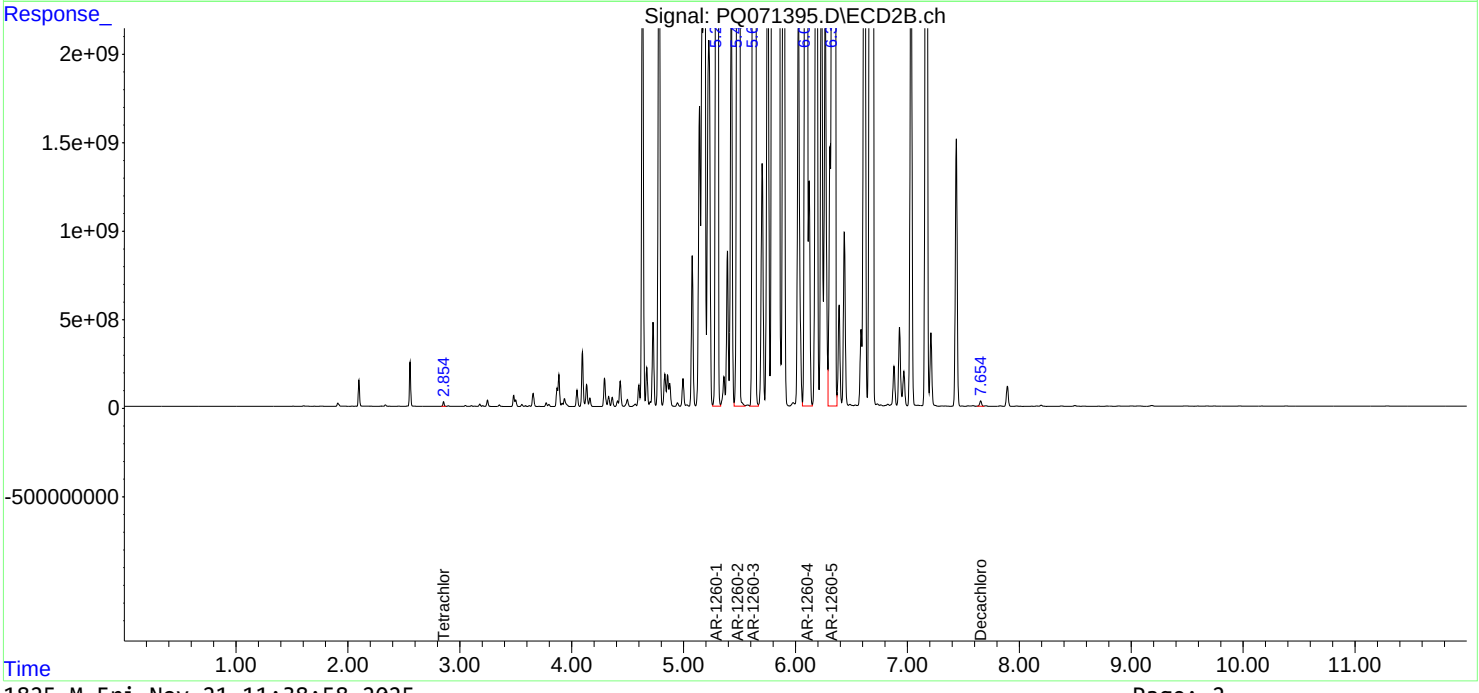
Instrument :
ECD_Q
ClientSampleId :
C0AE7

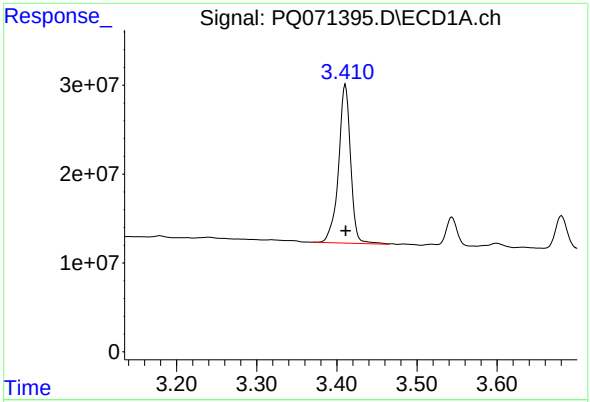
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:06:49 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







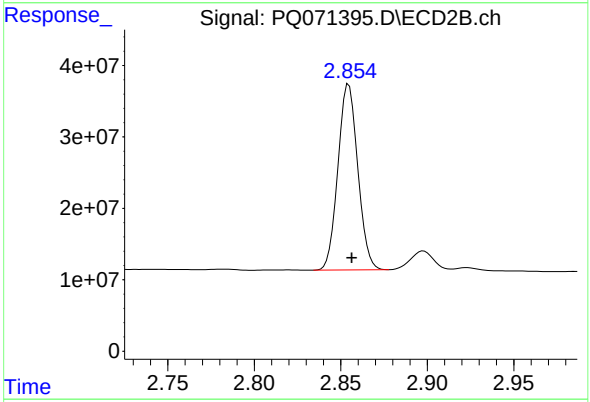
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 187425516
Conc: 21.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7

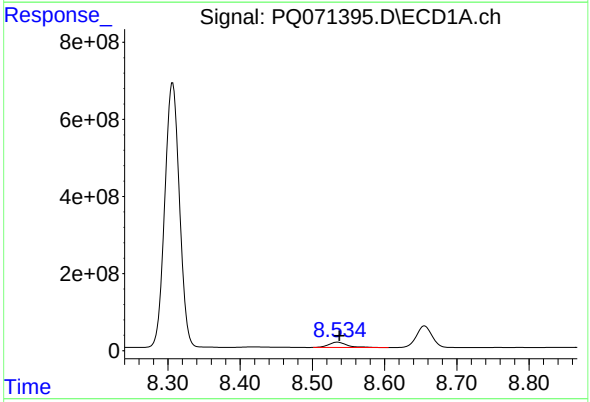
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



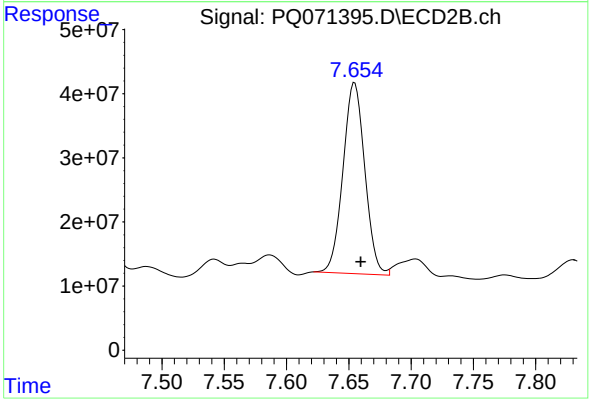
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 206810538
Conc: 22.15 ng/ml



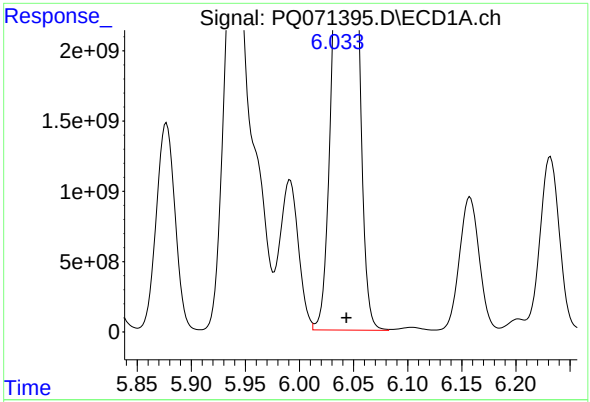
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 246753834
Conc: 39.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 364821212
Conc: 39.92 ng/ml



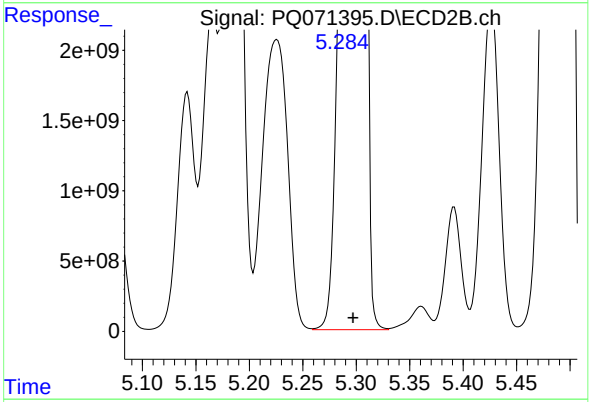
#31 AR-1260-1

R.T.: 6.032 min
Delta R.T.: -0.011 min
Response: 42810987265
Conc: 95667.62 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE7

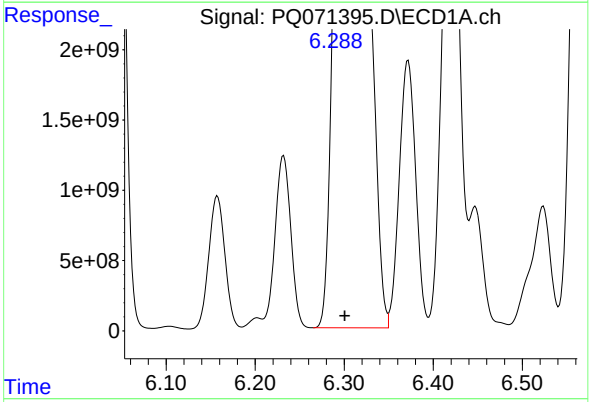
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



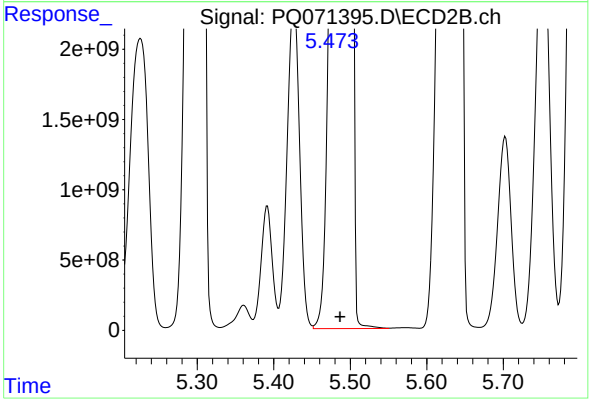
#31 AR-1260-1

R.T.: 5.288 min
Delta R.T.: -0.009 min
Response: 37924253089
Conc: 76011.66 ng/ml



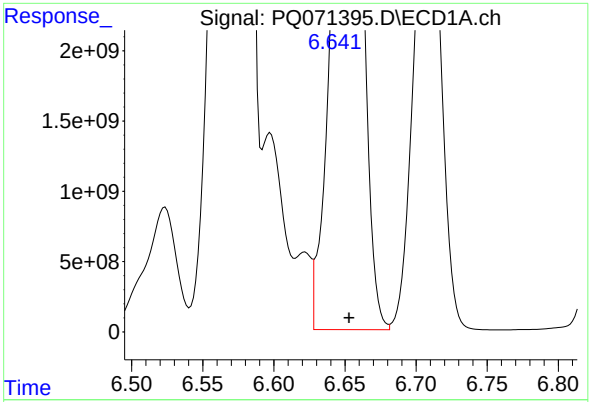
#32 AR-1260-2

R.T.: 6.290 min
Delta R.T.: -0.011 min
Response: 58998709403
Conc: 115476.83 ng/ml



#32 AR-1260-2

R.T.: 5.475 min
Delta R.T.: -0.012 min
Response: 42006663399
Conc: 69274.96 ng/ml



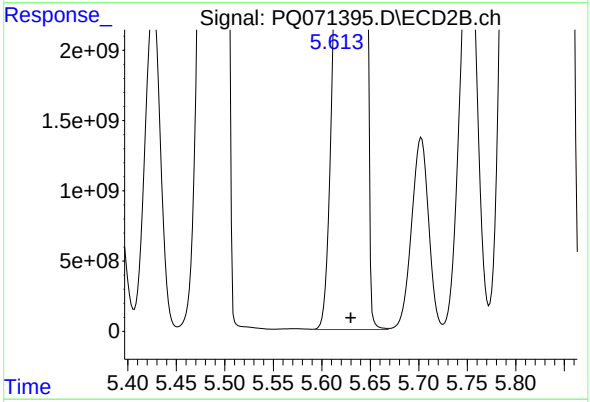
#33 AR-1260-3

R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 36687241750
Conc: 95855.77 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE7

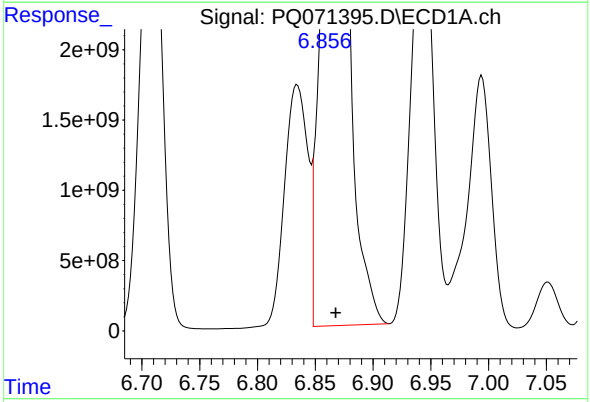
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



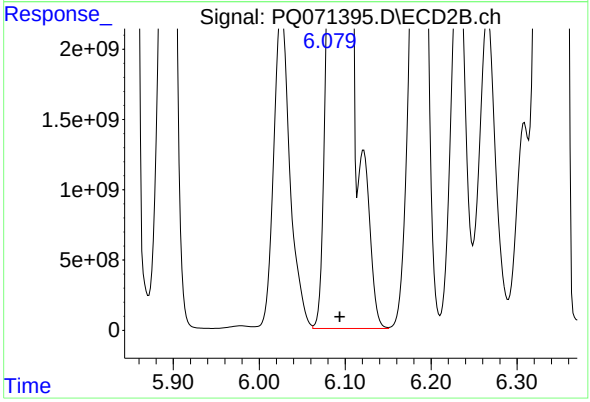
#33 AR-1260-3

R.T.: 5.613 min
Delta R.T.: -0.016 min
Response: 45430715139
Conc: 76846.98 ng/ml



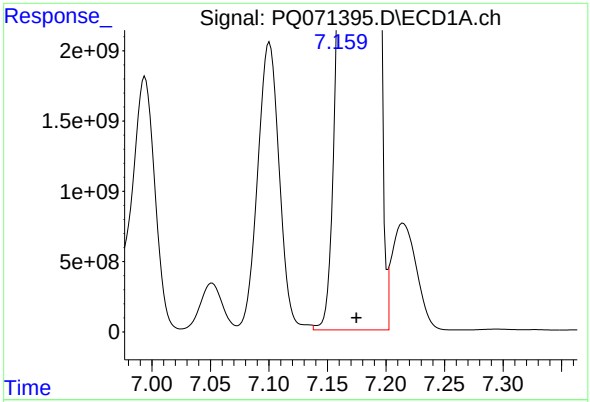
#34 AR-1260-4

R.T.: 6.856 min
Delta R.T.: -0.012 min
Response: 47369902219
Conc: 113285.93 ng/ml m



#34 AR-1260-4

R.T.: 6.108 min
Delta R.T.: 0.014 min
Response: 50493653613
Conc: 101929.38 ng/ml



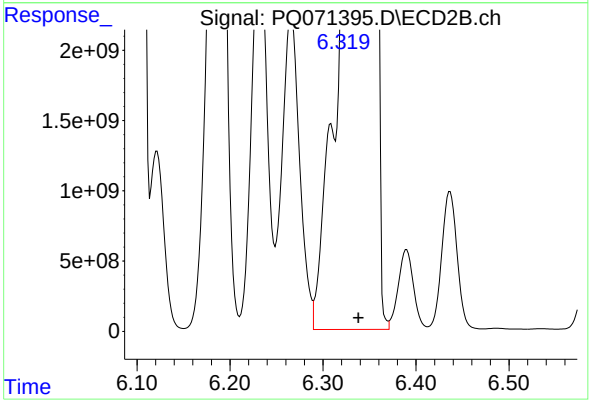
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: -0.016 min
Response: 57862229003
Conc: 69526.08 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AE7

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#35 AR-1260-5

R.T.: 6.312 min
Delta R.T.: -0.026 min
Response: 62198477385
Conc: 54166.37 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE7DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-04DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	425	UD	20	98.7	425	ug/kg	11/21/25 10:57	PB170653
11104-28-2	Aroclor-1221	425	UD	20	101	425	ug/kg	11/21/25 10:57	PB170653
11141-16-5	Aroclor-1232	425	UD	20	92.9	425	ug/kg	11/21/25 10:57	PB170653
53469-21-9	Aroclor-1242	425	UD	20	100	425	ug/kg	11/21/25 10:57	PB170653
12672-29-6	Aroclor-1248	425	UD	20	148	425	ug/kg	11/21/25 10:57	PB170653
11097-69-1	Aroclor-1254	425	UD	20	80.2	425	ug/kg	11/21/25 10:57	PB170653
37324-23-5	Aroclor-1262	425	UD	20	125	425	ug/kg	11/21/25 10:57	PB170653
11100-14-4	Aroclor-1268	425	UD	20	89.9	425	ug/kg	11/21/25 10:57	PB170653
11096-82-5	Aroclor-1260	88000	ED	20	80.7	425	ug/kg	11/21/25 10:57	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			21 - 165	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	36.2	*		10 - 170	181%	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

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 : PQ071422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:57
Operator : YP\AJ
Sample : Q3672-04DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:03 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	7206009	8694111	0.828	0.931
2)	SA Decachlor...	8.537	7.655	10116448	16576396	1.616	1.814
	Target Compounds						
31)	L7 AR-1260-1	6.043	5.293	3717.7E6	5114.9E6	8307.763	10251.724
32)	L7 AR-1260-2	6.300	5.483	4570.8E6	6454.3E6	8946.287	10644.054
33)	L7 AR-1260-3	6.652	5.626	3217.0E6	6113.9E6	8405.412	10341.803
34)	L7 AR-1260-4	6.867	6.090	3621.2E6	5088.8E6	8660.164	10272.518
35)	L7 AR-1260-5	7.175	6.335	8035.1E6	13279.5E6	9654.844	11564.625

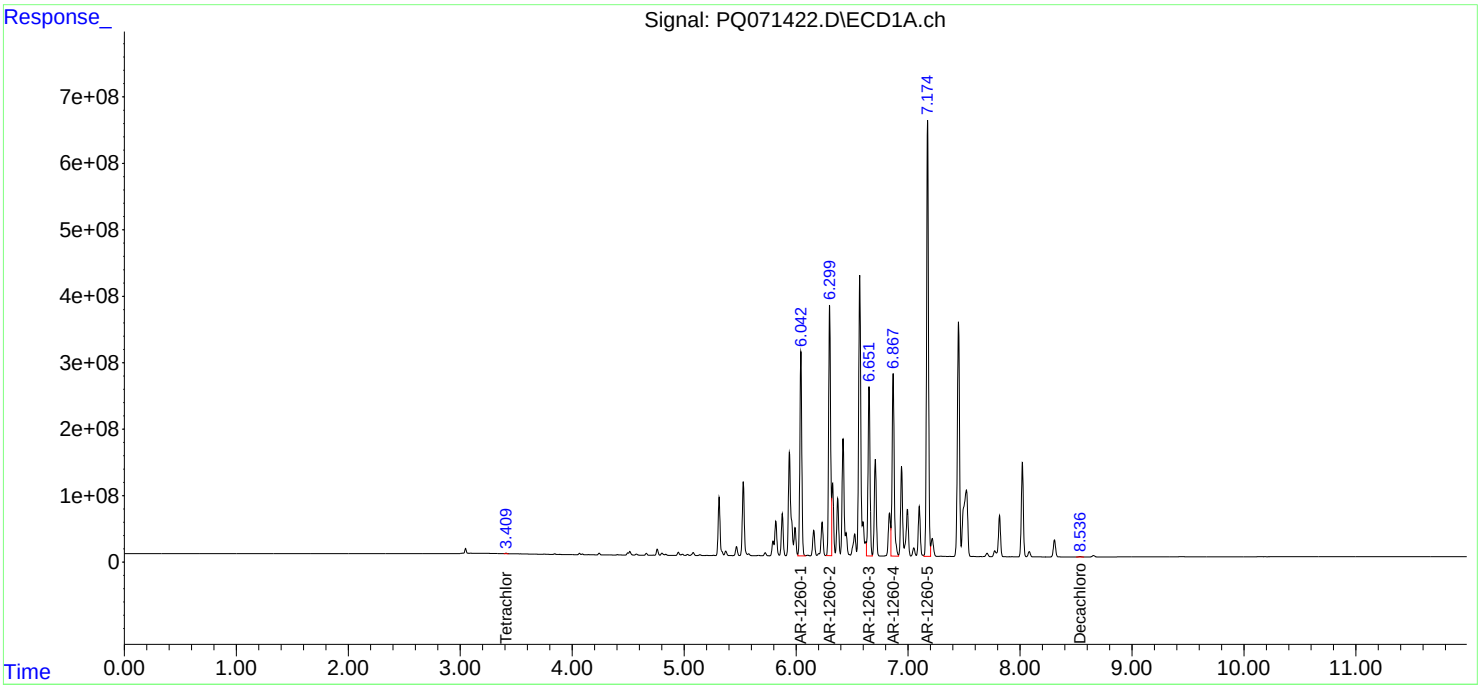
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

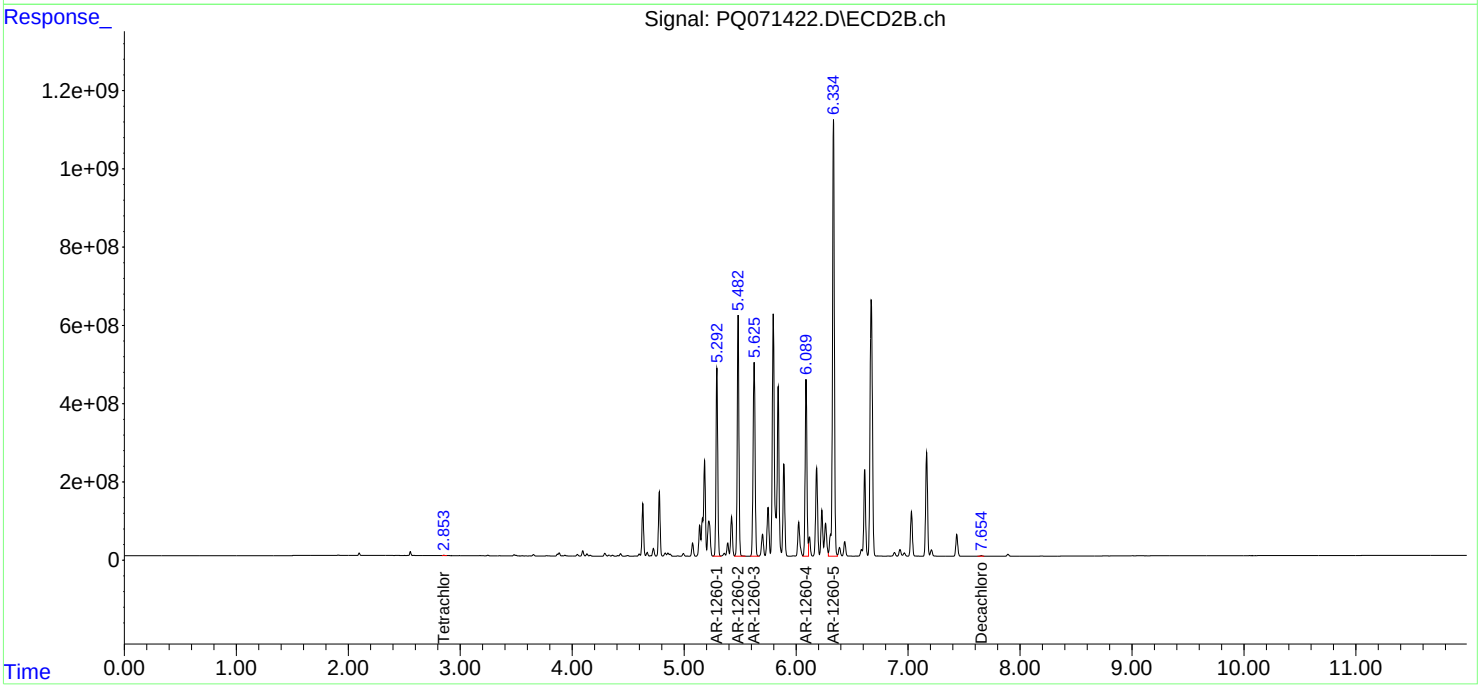
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:57
Operator : YP\AJ
Sample : Q3672-04DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

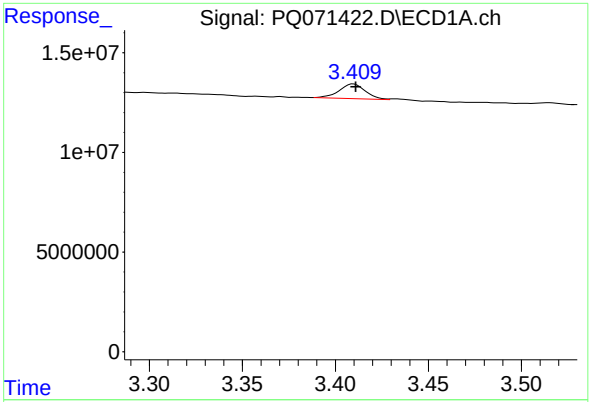
Instrument :
ECD_Q
ClientSampleId :
C0AE7DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:03 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



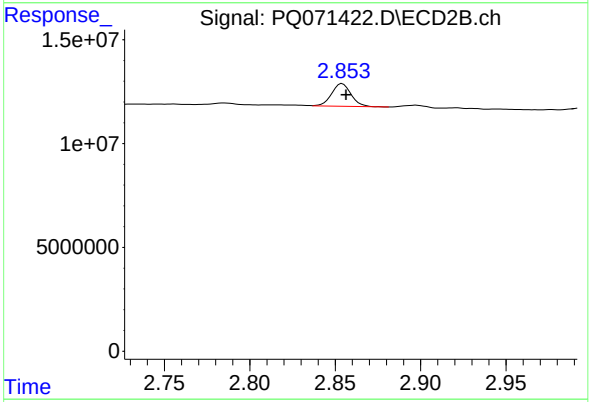




#1 Tetrachloro-m-xylene

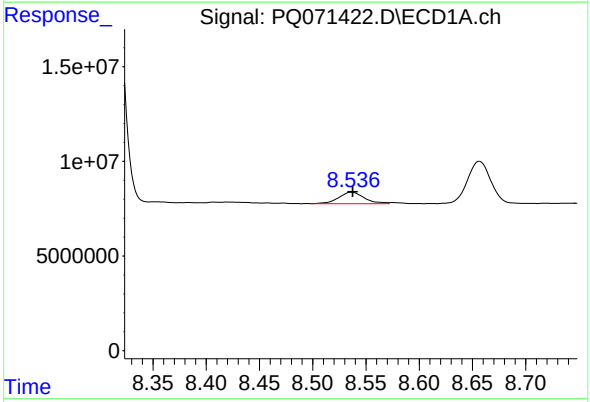
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 7206009
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL



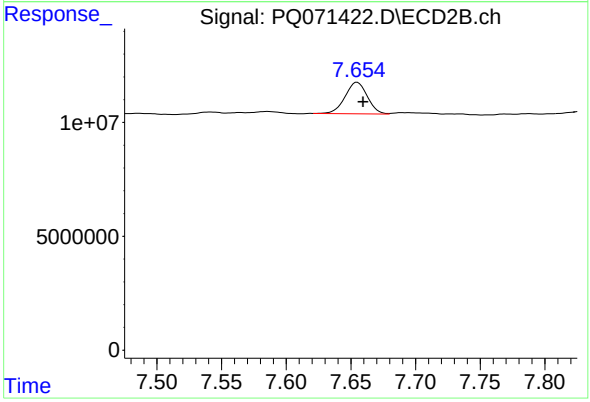
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 8694111
Conc: 0.93 ng/ml



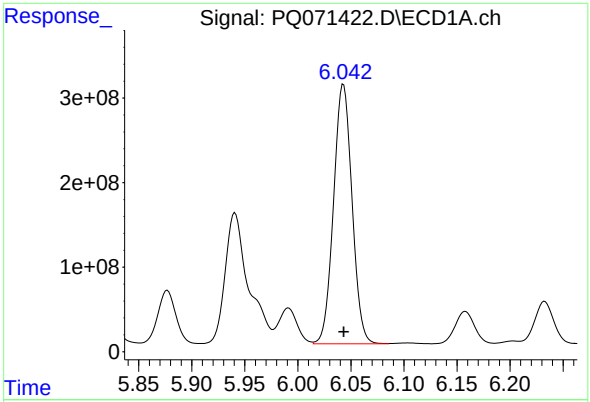
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 10116448
Conc: 1.62 ng/ml



#2 Decachlorobiphenyl

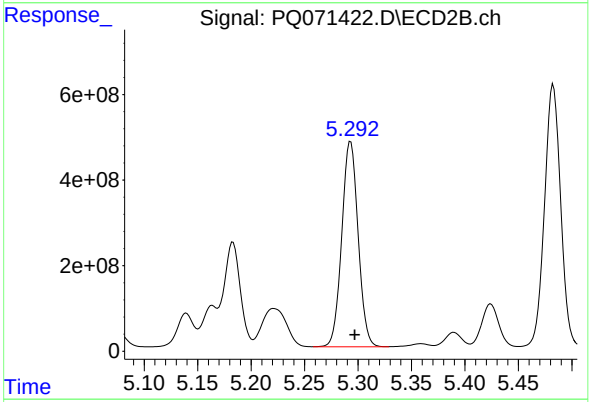
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 16576396
Conc: 1.81 ng/ml



#31 AR-1260-1

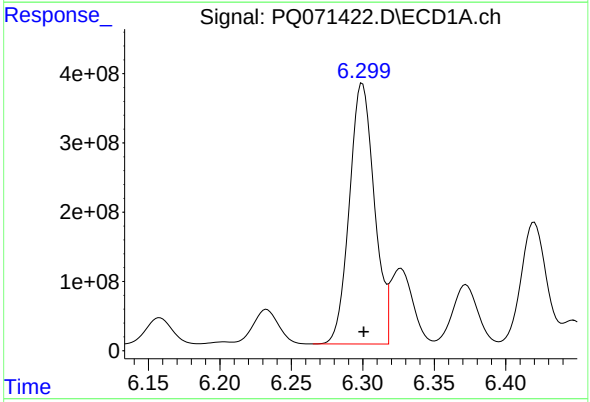
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3717700071
Conc: 8307.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL



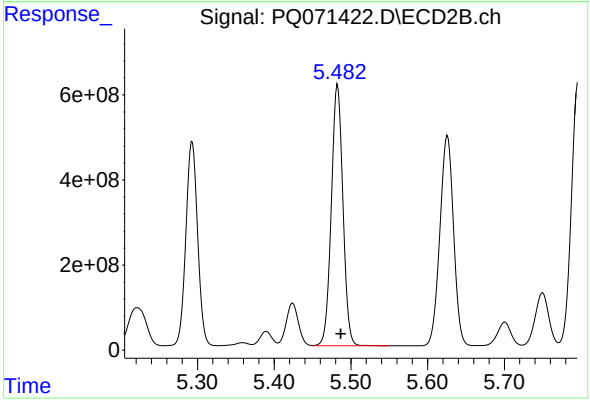
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 5114860099
Conc: 10251.72 ng/ml



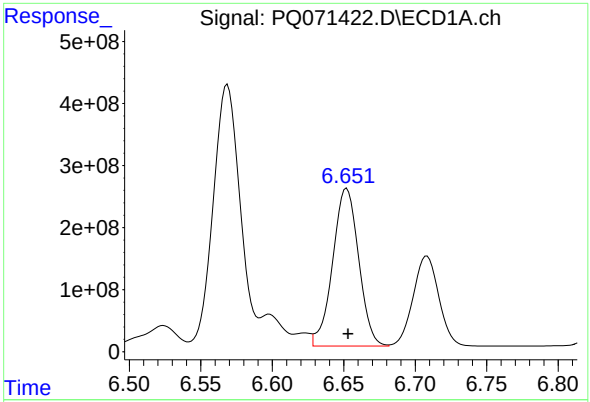
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 4570781998
Conc: 8946.29 ng/ml



#32 AR-1260-2

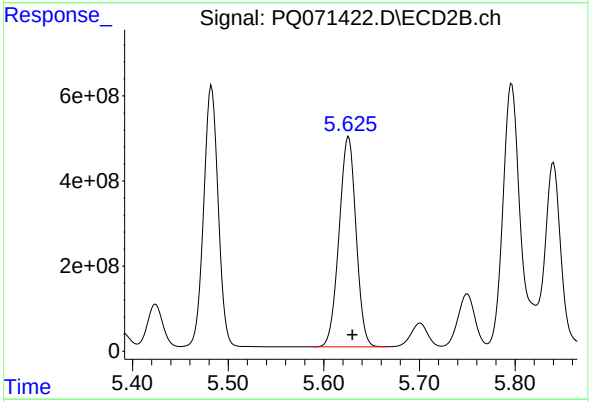
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 6454297088
Conc: 10644.05 ng/ml



#33 AR-1260-3

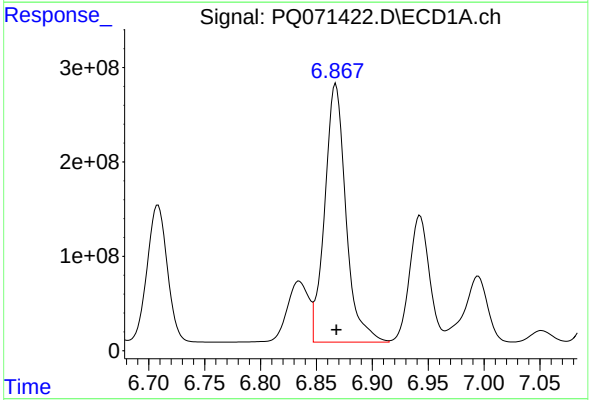
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 3217034930
Conc: 8405.41 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL



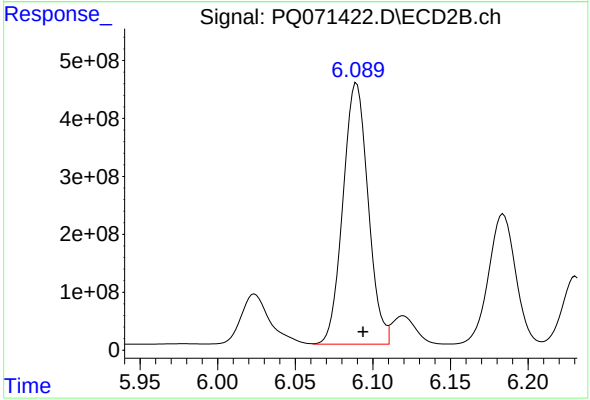
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 6113909516
Conc: 10341.80 ng/ml



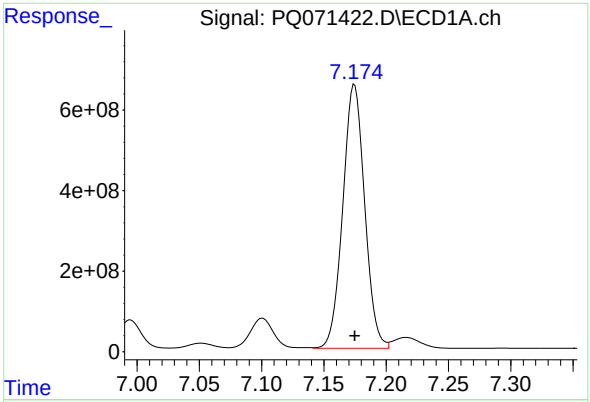
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 3621200950
Conc: 8660.16 ng/ml



#34 AR-1260-4

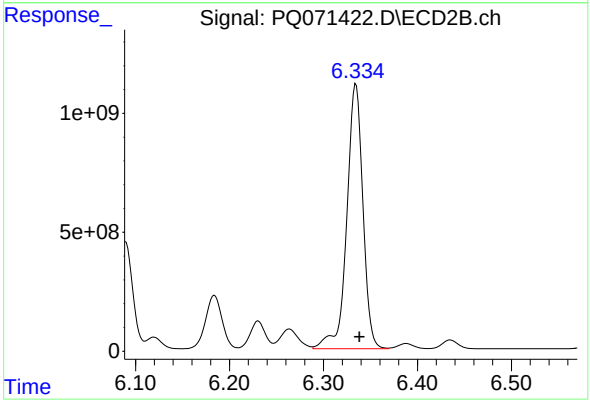
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 5088787405
Conc: 10272.52 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 8035125901
Conc: 9654.84 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 13279494476
Conc: 11564.62 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE7DL2	SDG No.:	Q3672
Lab Sample ID:	Q3672-04DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4200	UD	200	987	4200	ug/kg	11/22/25 03:21	PB170653
11104-28-2	Aroclor-1221	4200	UD	200	1000	4200	ug/kg	11/22/25 03:21	PB170653
11141-16-5	Aroclor-1232	4200	UD	200	929	4200	ug/kg	11/22/25 03:21	PB170653
53469-21-9	Aroclor-1242	4200	UD	200	1000	4200	ug/kg	11/22/25 03:21	PB170653
12672-29-6	Aroclor-1248	4200	UD	200	1500	4200	ug/kg	11/22/25 03:21	PB170653
11097-69-1	Aroclor-1254	4200	UD	200	802	4200	ug/kg	11/22/25 03:21	PB170653
37324-23-5	Aroclor-1262	4200	UD	200	1300	4200	ug/kg	11/22/25 03:21	PB170653
11100-14-4	Aroclor-1268	4200	UD	200	899	4200	ug/kg	11/22/25 03:21	PB170653
11096-82-5	Aroclor-1260	59000	D	200	807	4200	ug/kg	11/22/25 03:21	PB170653
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

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 : PQ071469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 03:21
Operator : YP\AJ
Sample : Q3672-04DL2 200X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 14:07:49 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	6.042	5.293	313.2E6	359.8E6	699.920	721.203
32)	L7 AR-1260-2	6.300	5.482	378.9E6	442.7E6	741.688	730.003
33)	L7 AR-1260-3	6.652	5.625	265.3E6	425.9E6	693.080	720.499
34)	L7 AR-1260-4	6.867	6.089	295.9E6	344.7E6	707.542	695.747
35)	L7 AR-1260-5	7.175	6.333	598.1E6	804.7E6	718.691	700.805

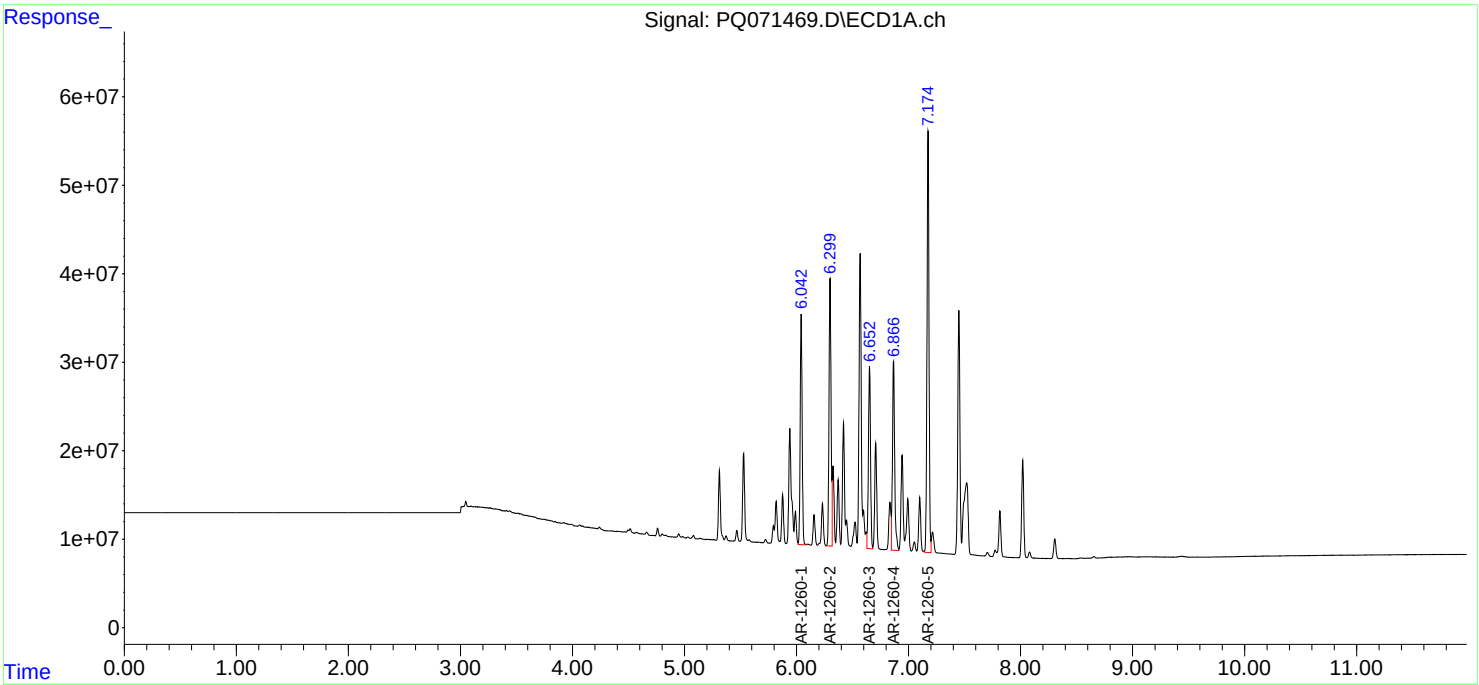
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

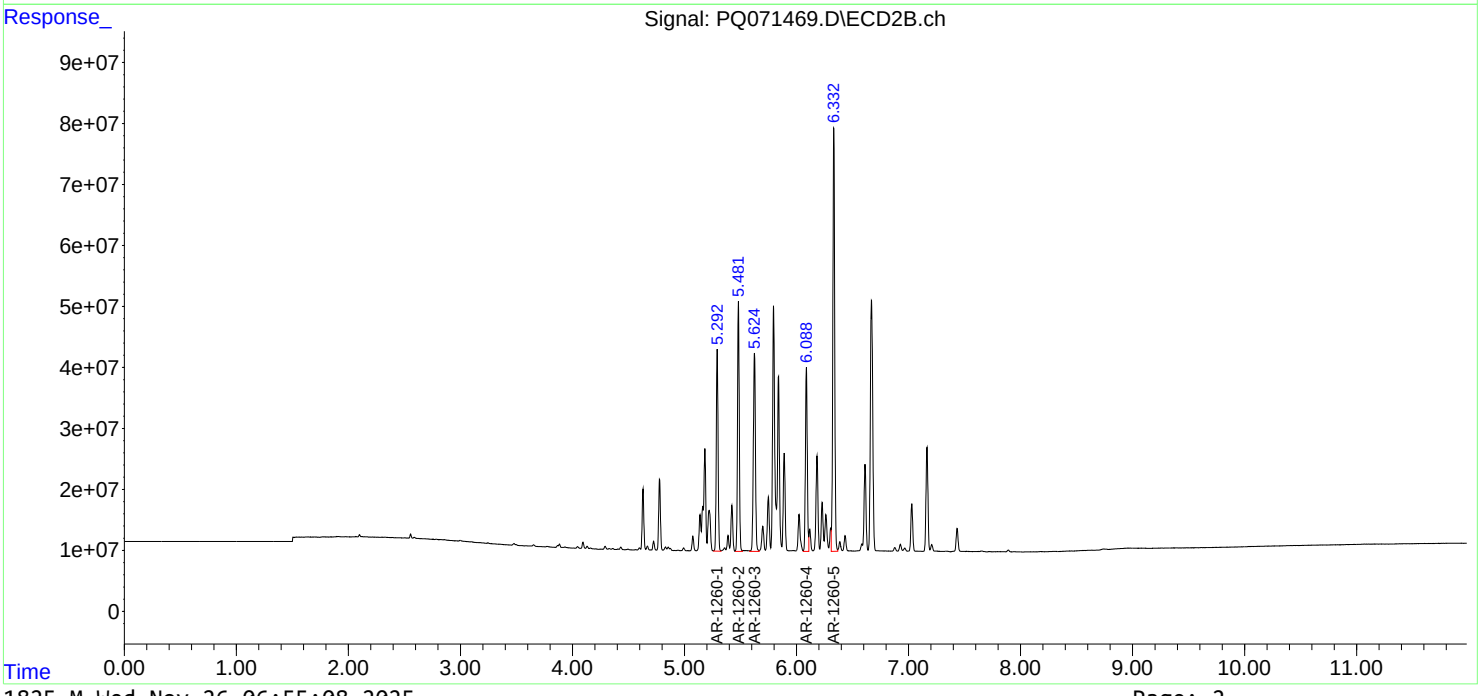
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 03:21
Operator : YP\AJ
Sample : Q3672-04DL2 200X
Misc :
ALS Vial : 75 Sample Multiplier: 1

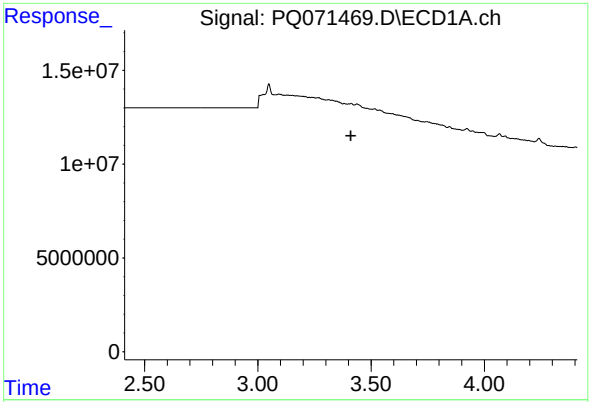
Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 14:07:49 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



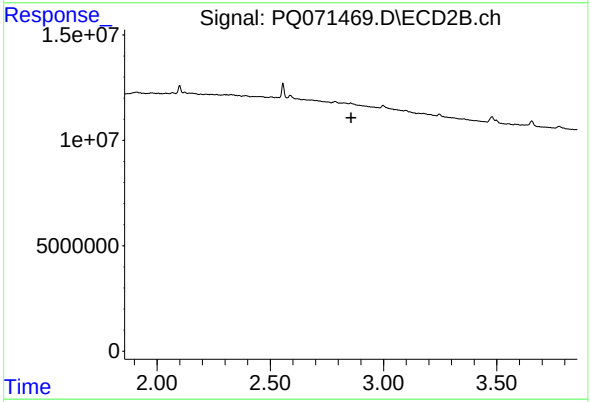




#1 Tetrachloro-m-xylene

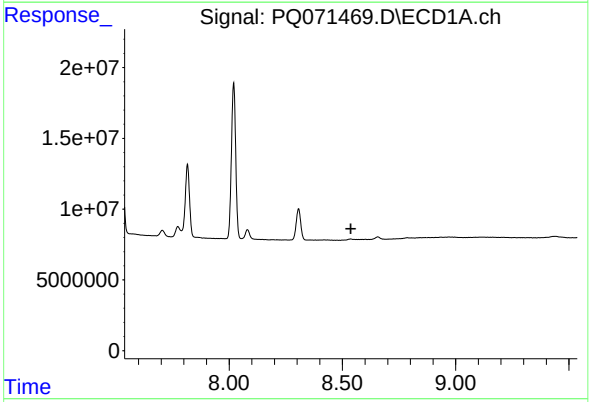
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2



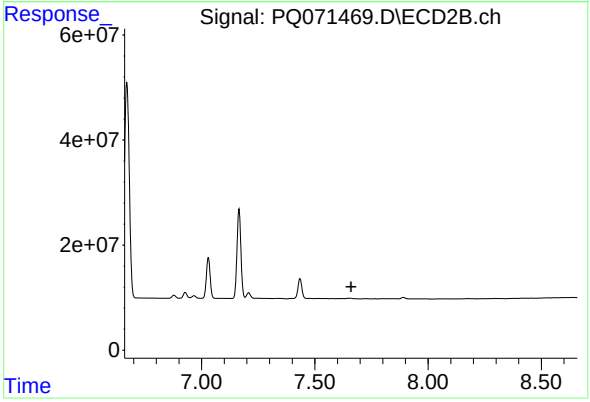
#1 Tetrachloro-m-xylene

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



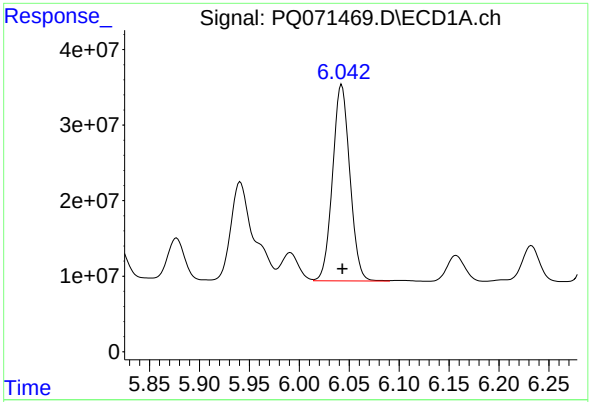
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

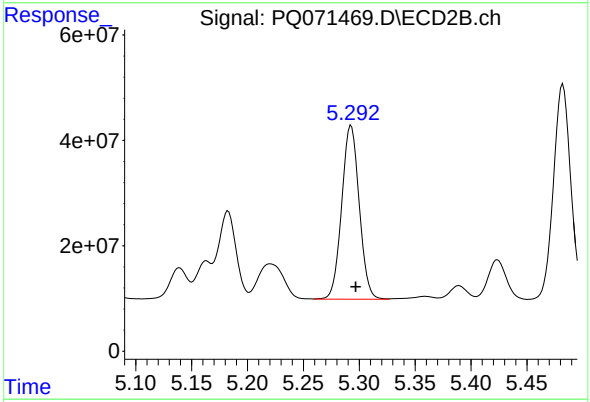
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

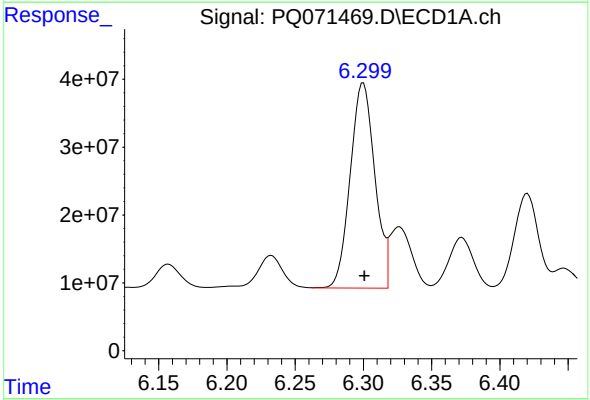
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 313212340
Conc: 699.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2



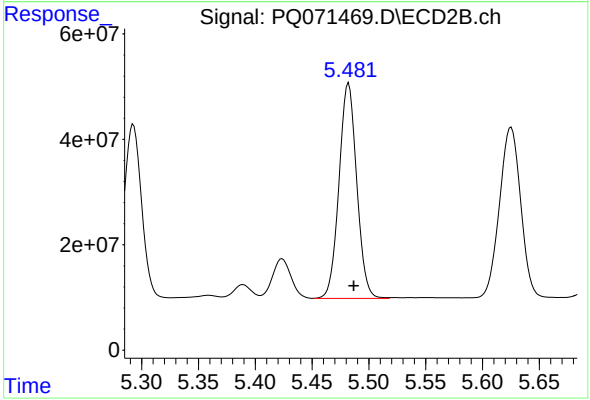
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 359827299
Conc: 721.20 ng/ml



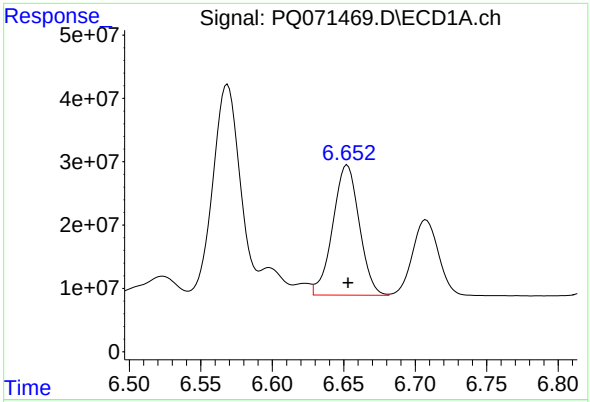
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 378938889
Conc: 741.69 ng/ml



#32 AR-1260-2

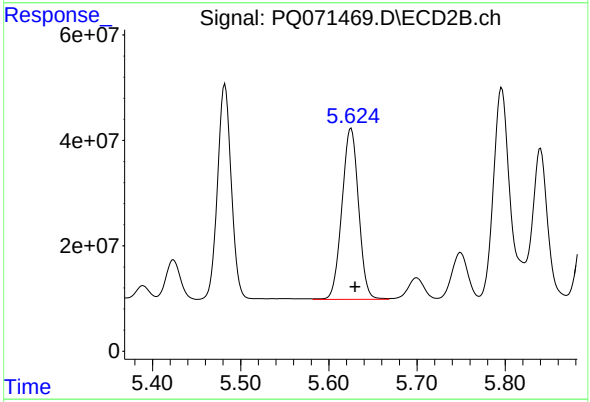
R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 442656452
Conc: 730.00 ng/ml



#33 AR-1260-3

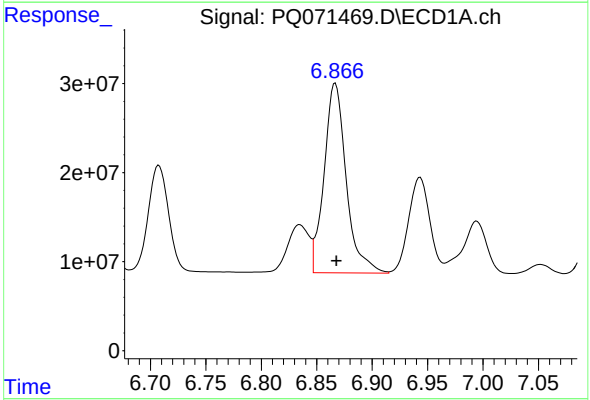
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 265265252
Conc: 693.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2



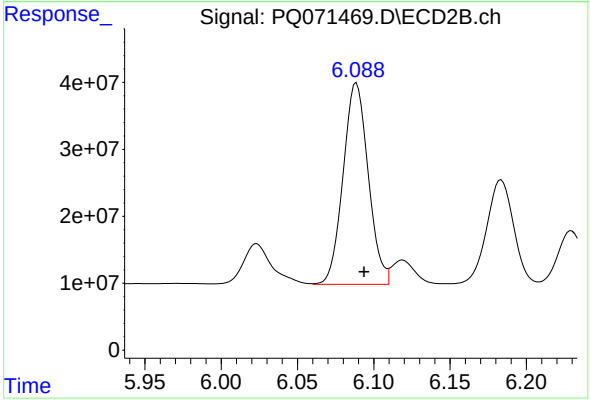
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 425947571
Conc: 720.50 ng/ml



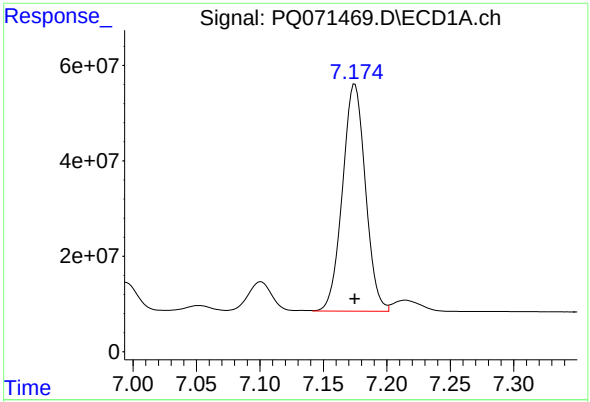
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 295854743
Conc: 707.54 ng/ml



#34 AR-1260-4

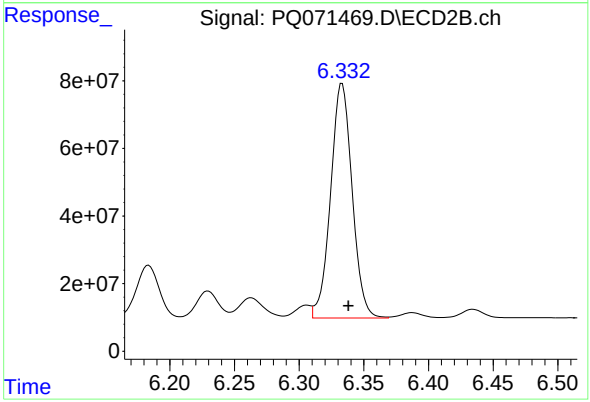
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 344658539
Conc: 695.75 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 598121763
Conc: 718.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE7DL2



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 804724354
Conc: 700.80 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE8	SDG No.:	Q3672
Lab Sample ID:	Q3672-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.1	U	1	5.10	22.1	ug/kg	11/20/25 22:44	PB170653
11104-28-2	Aroclor-1221	22.1	U	1	5.20	22.1	ug/kg	11/20/25 22:44	PB170653
11141-16-5	Aroclor-1232	22.1	U	1	4.80	22.1	ug/kg	11/20/25 22:44	PB170653
53469-21-9	Aroclor-1242	22.1	U	1	5.20	22.1	ug/kg	11/20/25 22:44	PB170653
12672-29-6	Aroclor-1248	22.1	U	1	7.70	22.1	ug/kg	11/20/25 22:44	PB170653
11097-69-1	Aroclor-1254	22.1	U	1	4.20	22.1	ug/kg	11/20/25 22:44	PB170653
37324-23-5	Aroclor-1262	22.1	U	1	6.50	22.1	ug/kg	11/20/25 22:44	PB170653
11100-14-4	Aroclor-1268	22.1	U	1	4.70	22.1	ug/kg	11/20/25 22:44	PB170653
11096-82-5	Aroclor-1260	3600	E	1	4.20	22.1	ug/kg	11/20/25 22:44	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.6			21 - 165	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			10 - 170	82%	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

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\PQ112025\
Data File : PQ071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:44
Operator : YP\AJ
Sample : Q3672-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:50:31 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	159.9E6	201.5E6	18.368	21.583
2)	SA Decachlor...	8.534	7.655	96312324	149.9E6	15.382	16.401
	Target Compounds						
31)	L7 AR-1260-1	6.041	5.294	2951.9E6	4078.4E6	6596.547	8174.388
32)	L7 AR-1260-2	6.299	5.483	3852.8E6	5406.8E6	7541.020	8916.522
33)	L7 AR-1260-3	6.651	5.627	2848.2E6	4554.7E6	7441.619	7704.336
34)	L7 AR-1260-4	6.866	6.090	3003.0E6	4221.8E6	7181.679	8522.389
35)	L7 AR-1260-5	7.173	6.334	5833.3E6	9609.1E6	7009.130	8368.219

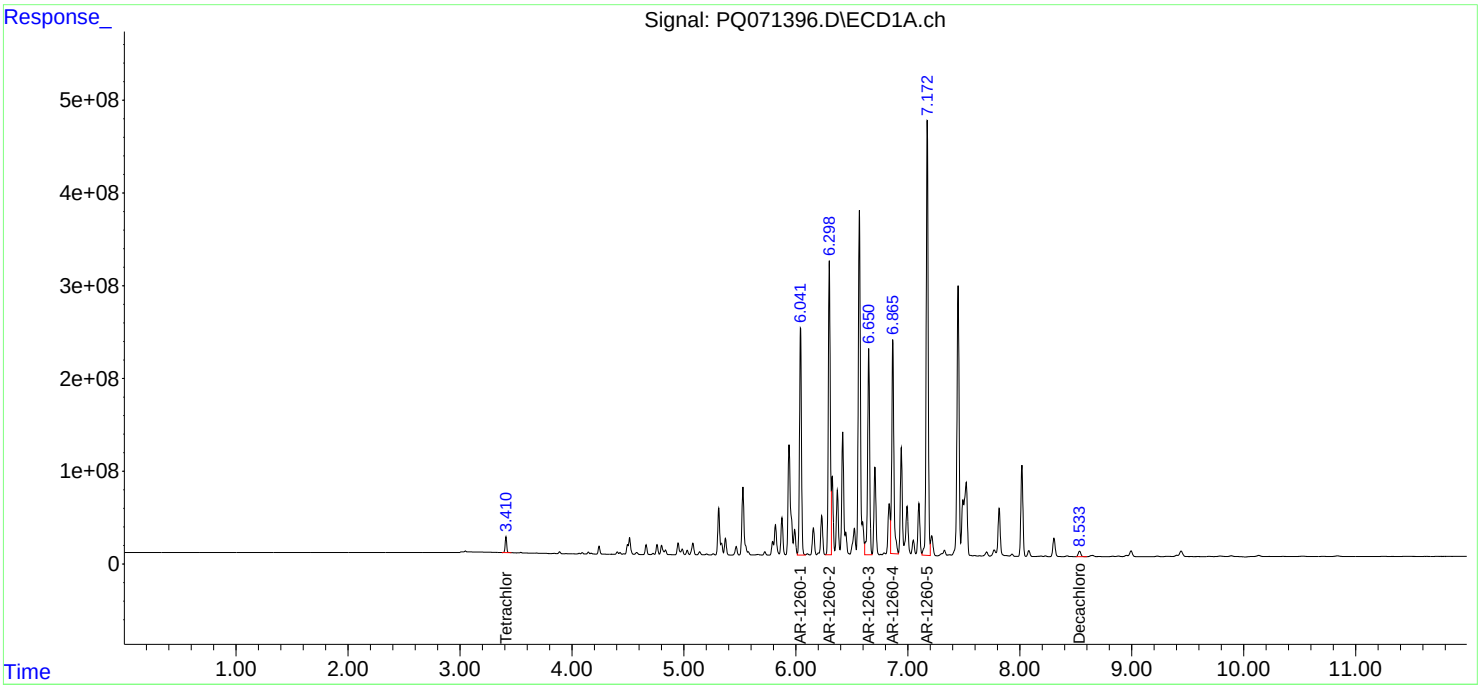
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

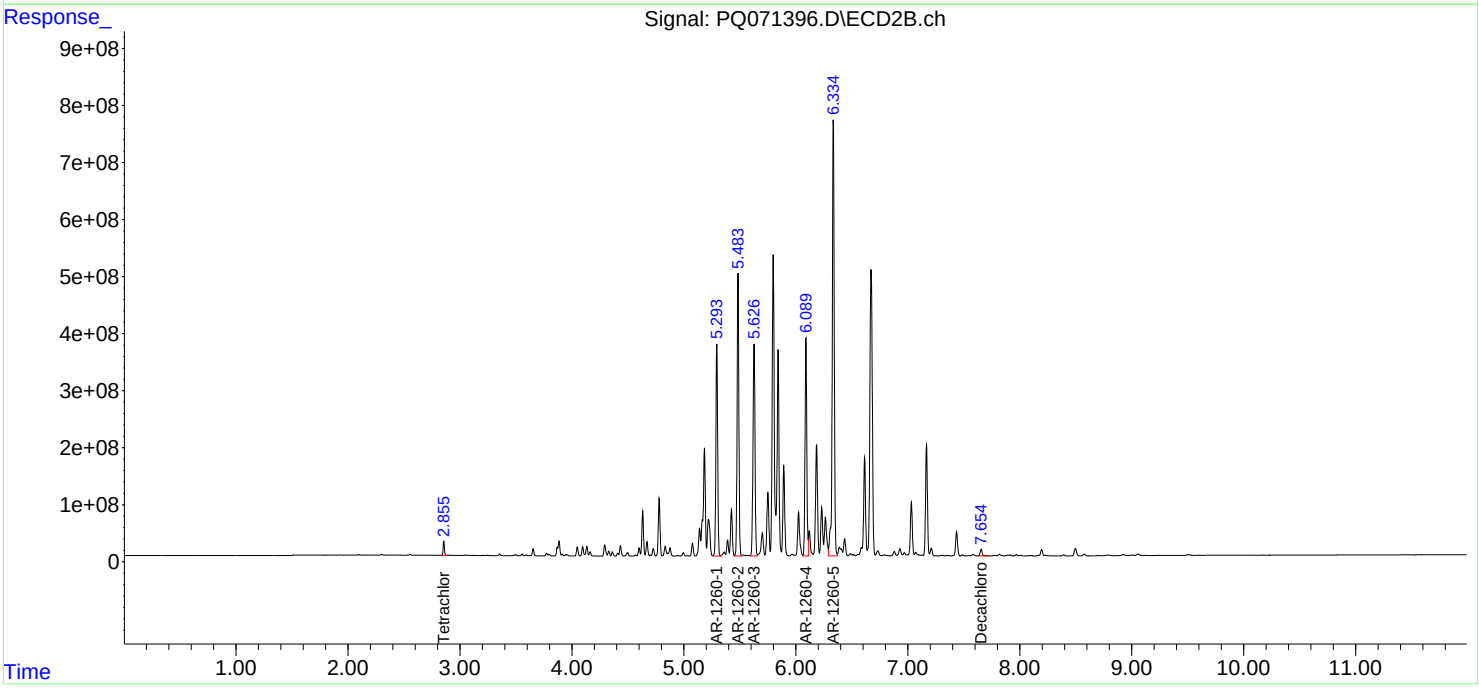
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:44
Operator : YP\AJ
Sample : Q3672-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

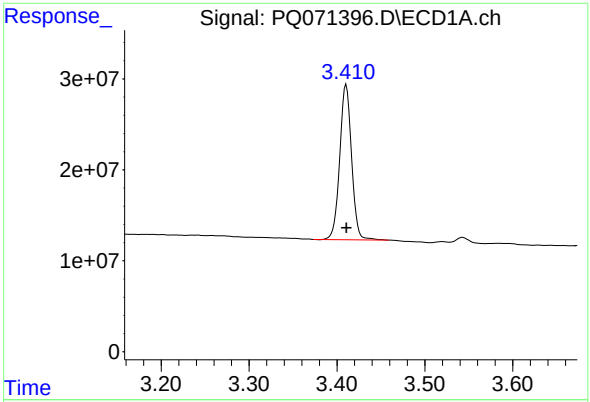
Instrument :
ECD_Q
ClientSampleId :
C0AE8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:50:31 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



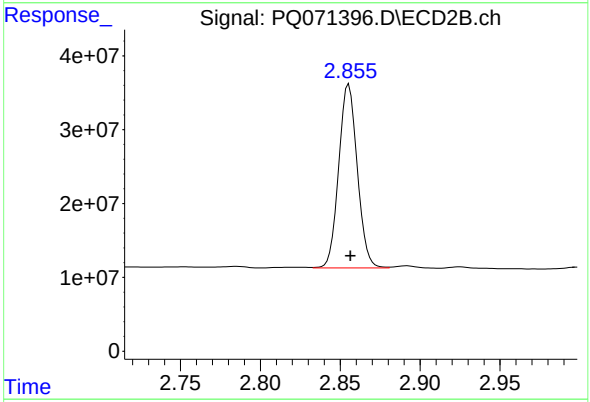




#1 Tetrachloro-m-xylene

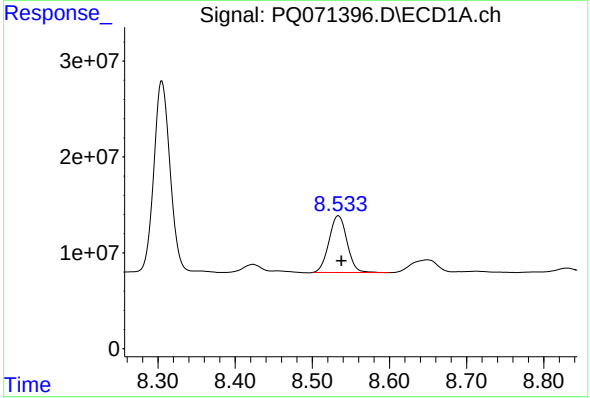
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 159900218
Conc: 18.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8



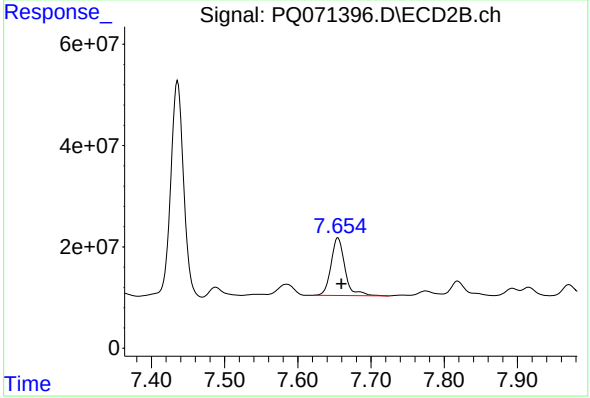
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 201514880
Conc: 21.58 ng/ml



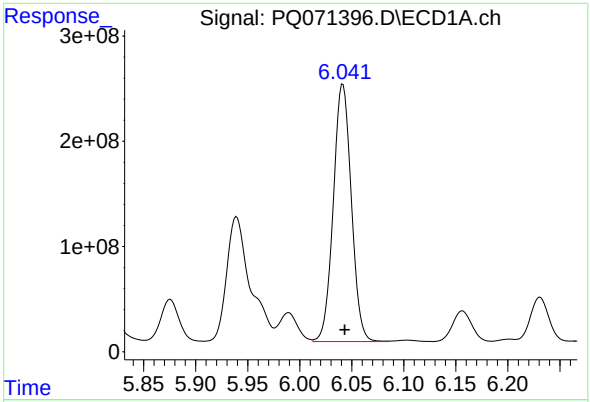
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 96312324
Conc: 15.38 ng/ml



#2 Decachlorobiphenyl

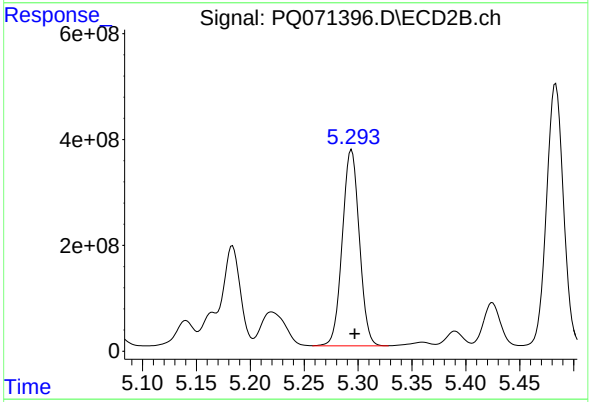
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 149870708
Conc: 16.40 ng/ml



#31 AR-1260-1

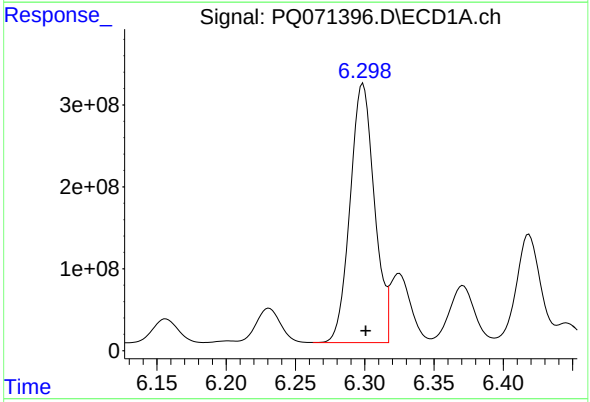
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 2951936043
Conc: 6596.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8



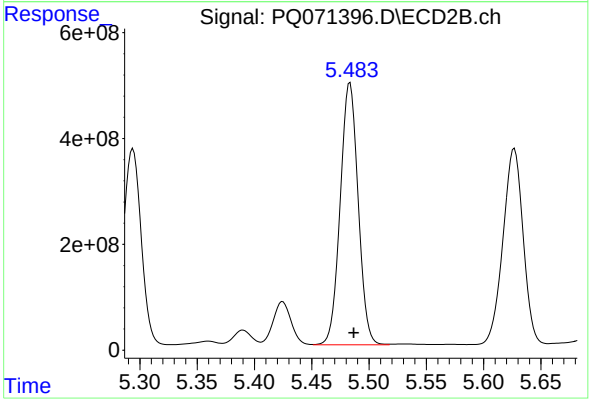
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 4078421175
Conc: 8174.39 ng/ml



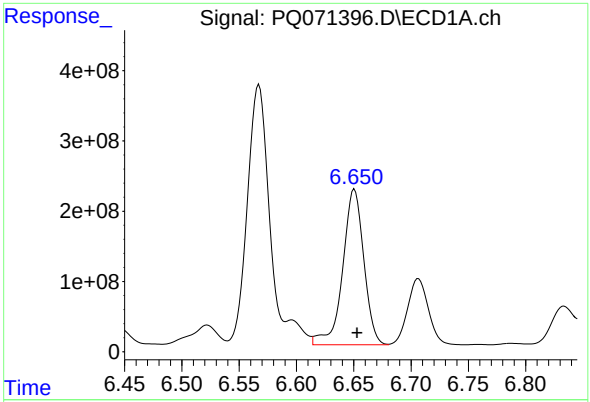
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 3852811624
Conc: 7541.02 ng/ml



#32 AR-1260-2

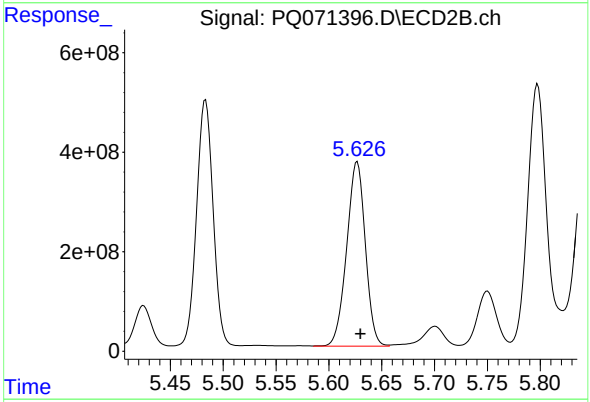
R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 5406763404
Conc: 8916.52 ng/ml



#33 AR-1260-3

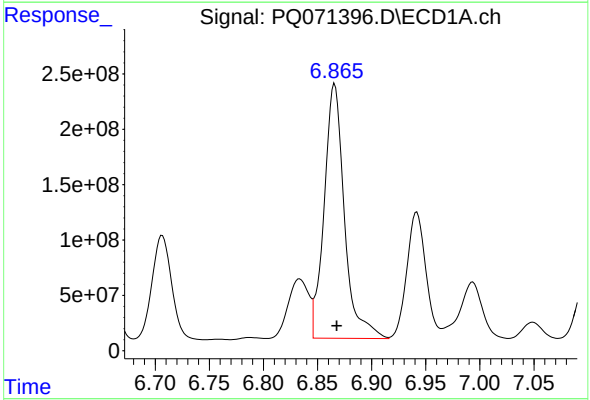
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 2848158813
Conc: 7441.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8



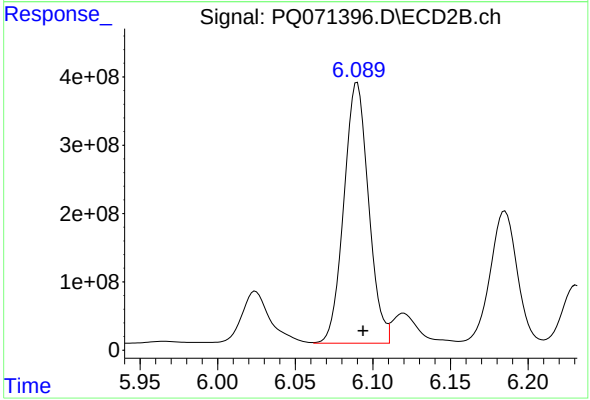
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 4554681104
Conc: 7704.34 ng/ml



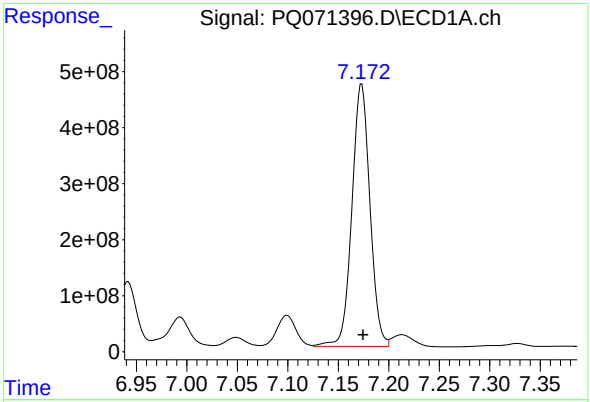
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 3002980578
Conc: 7181.68 ng/ml



#34 AR-1260-4

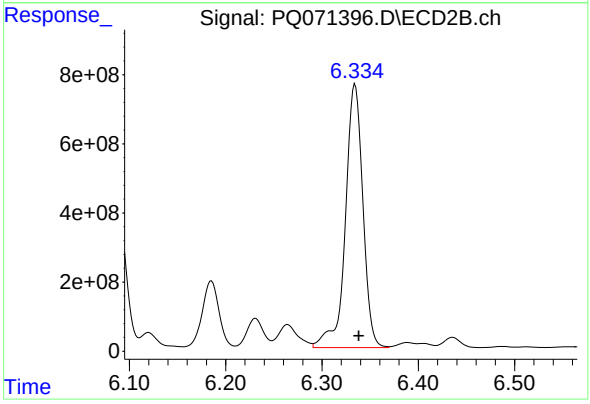
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 4221810546
Conc: 8522.39 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 5833262818
Conc: 7009.13 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AE8



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 9609107546
Conc: 8368.22 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE8DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-05DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	441	UD	20	103	441	ug/kg	11/21/25 11:11	PB170653
11104-28-2	Aroclor-1221	441	UD	20	105	441	ug/kg	11/21/25 11:11	PB170653
11141-16-5	Aroclor-1232	441	UD	20	96.6	441	ug/kg	11/21/25 11:11	PB170653
53469-21-9	Aroclor-1242	441	UD	20	104	441	ug/kg	11/21/25 11:11	PB170653
12672-29-6	Aroclor-1248	441	UD	20	154	441	ug/kg	11/21/25 11:11	PB170653
11097-69-1	Aroclor-1254	441	UD	20	83.3	441	ug/kg	11/21/25 11:11	PB170653
37324-23-5	Aroclor-1262	441	UD	20	130	441	ug/kg	11/21/25 11:11	PB170653
11100-14-4	Aroclor-1268	441	UD	20	93.5	441	ug/kg	11/21/25 11:11	PB170653
11096-82-5	Aroclor-1260	3500	D	20	83.9	441	ug/kg	11/21/25 11:11	PB170653
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

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 : PQ071423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:11
Operator : YP\AJ
Sample : Q3672-05DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE8DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:24 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						
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.293	149.4E6	203.5E6	333.865	407.787
32)	L7 AR-1260-2	6.300	5.483	191.0E6	263.5E6	373.752	434.562
33)	L7 AR-1260-3	6.652	5.626	140.7E6	225.5E6	367.600	381.504
34)	L7 AR-1260-4	6.867	6.089	144.9E6	202.0E6	346.541	407.768
35)	L7 AR-1260-5	7.174	6.334	255.0E6	430.5E6	306.442	374.871

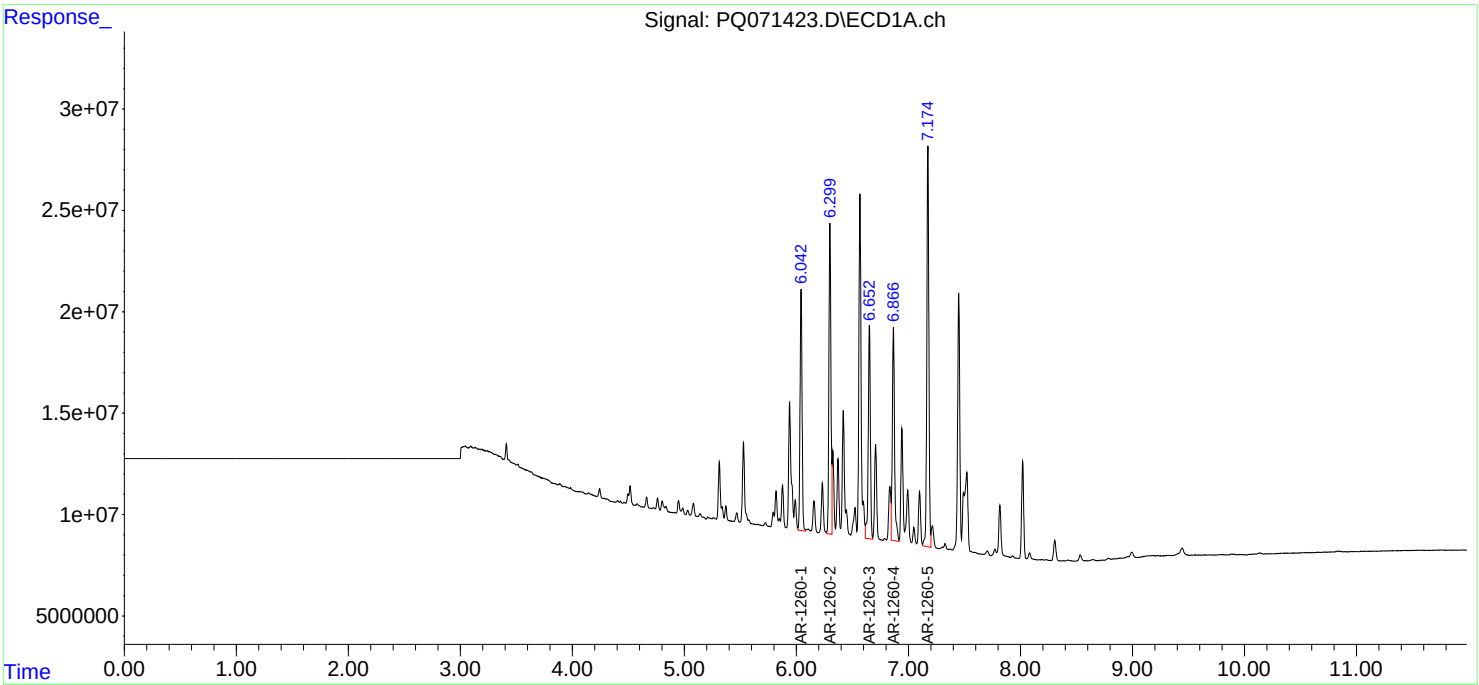
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

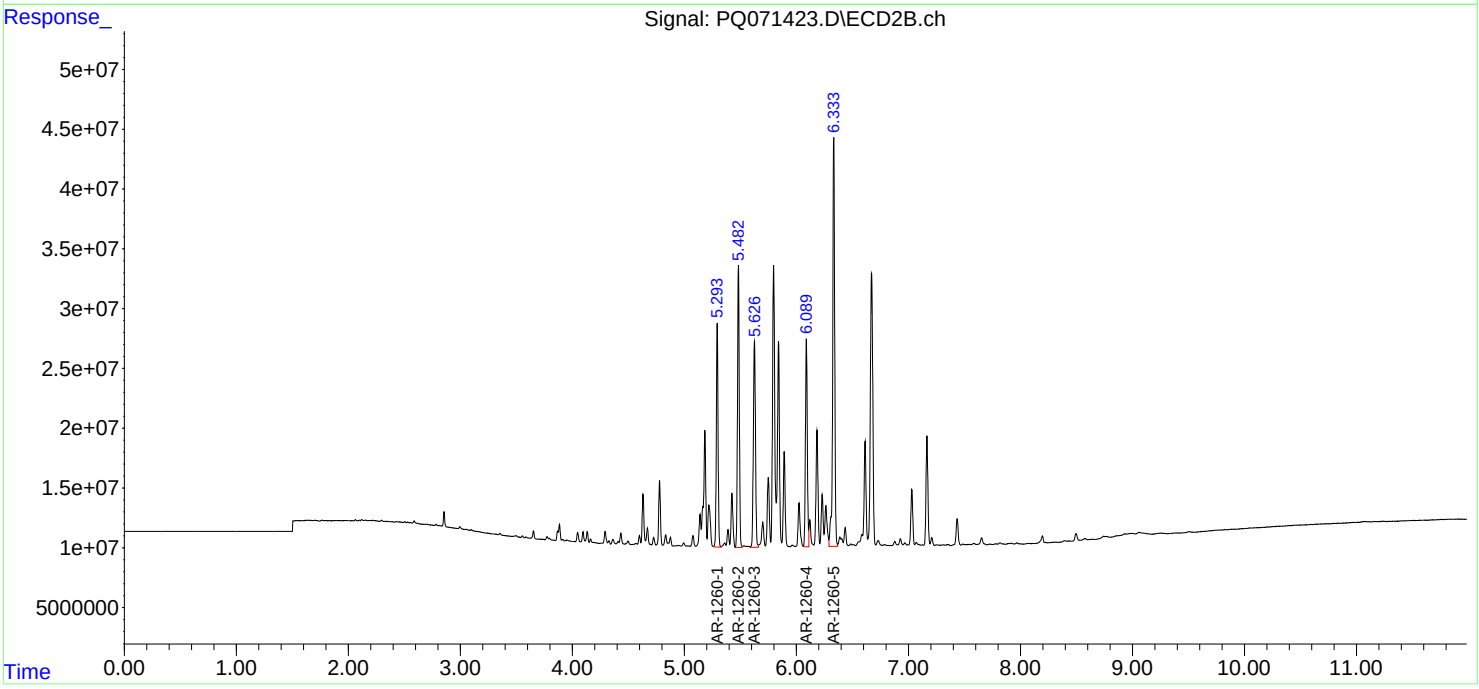
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:11
Operator : YP\AJ
Sample : Q3672-05DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

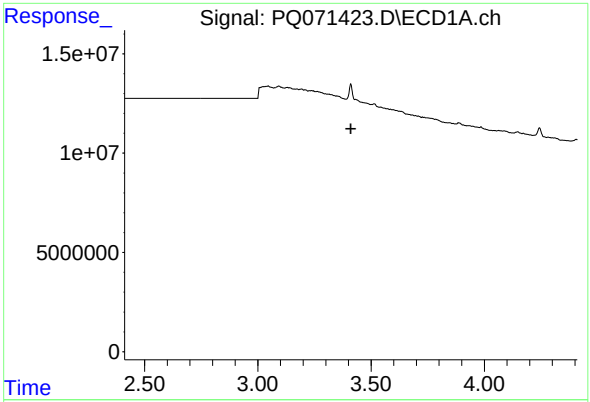
Instrument :
ECD_Q
ClientSampleId :
C0AE8DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:24 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



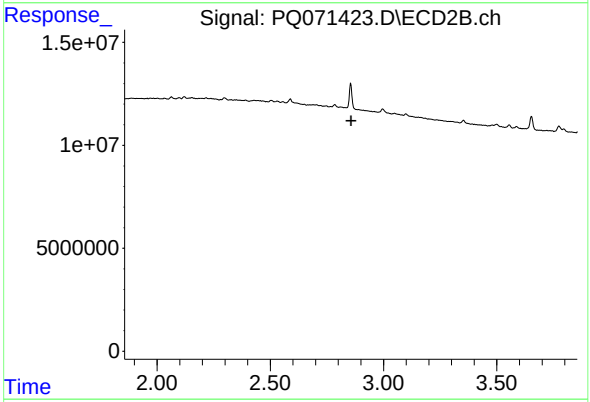




#1 Tetrachloro-m-xylene

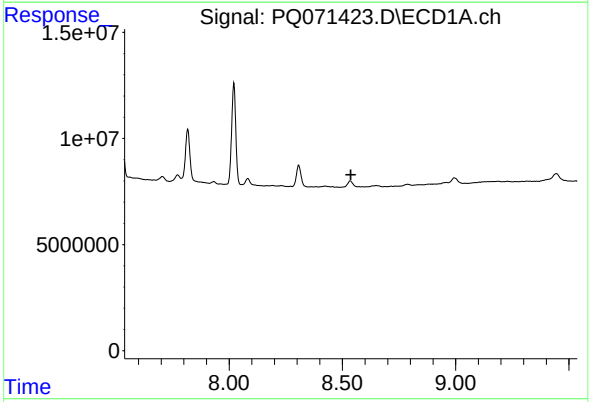
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AE8DL



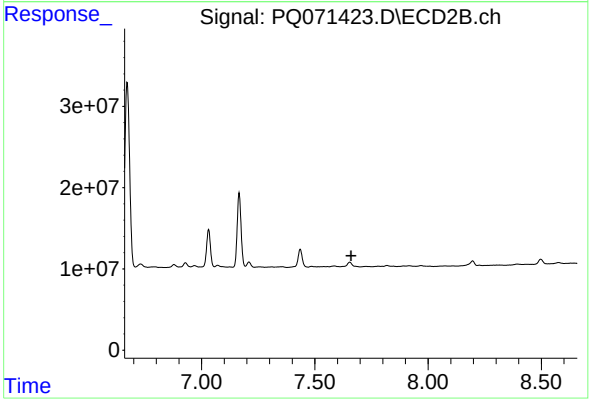
#1 Tetrachloro-m-xylene

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



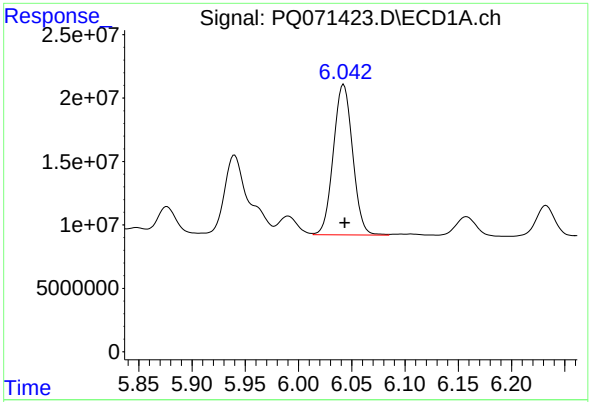
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

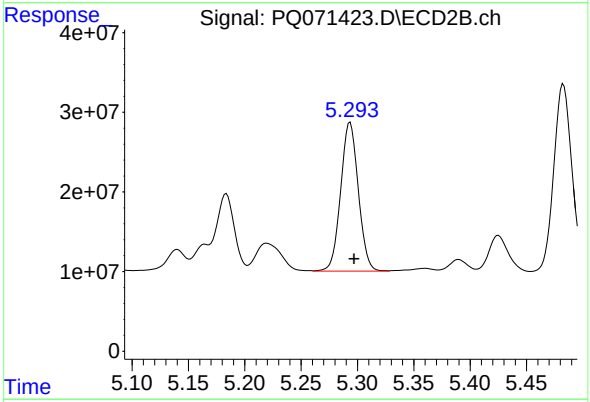
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

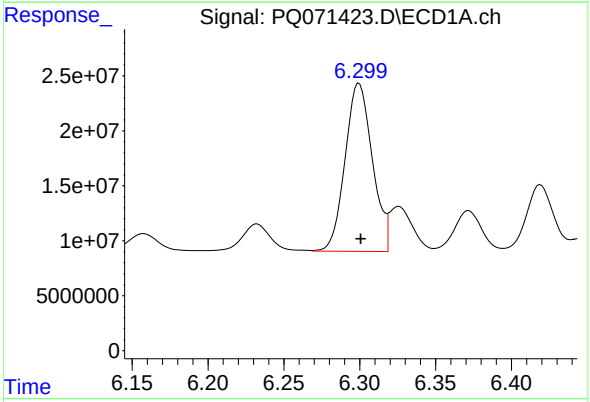
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 149403630
Conc: 333.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8DL



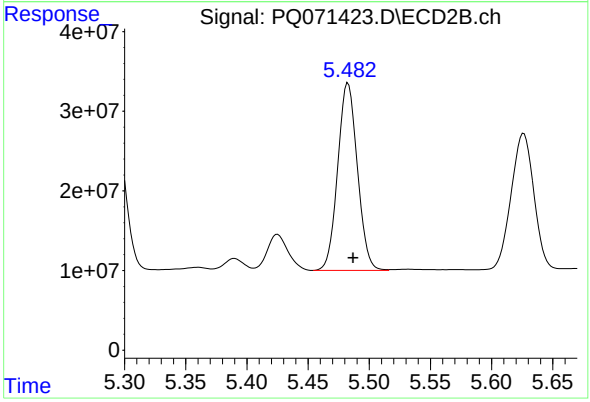
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.003 min
Response: 203455868
Conc: 407.79 ng/ml



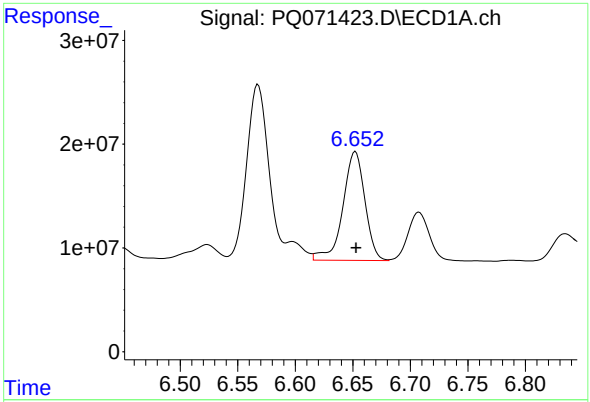
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 190955105
Conc: 373.75 ng/ml



#32 AR-1260-2

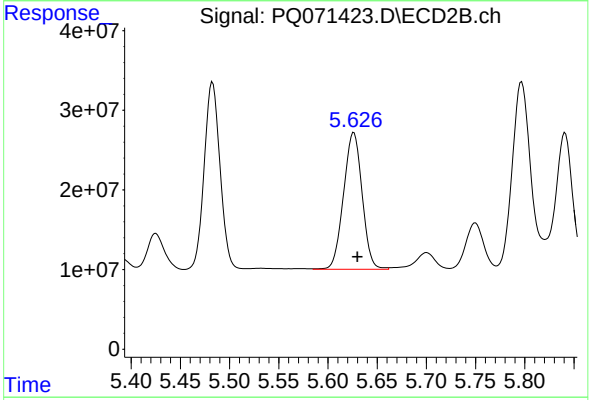
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 263507902
Conc: 434.56 ng/ml



#33 AR-1260-3

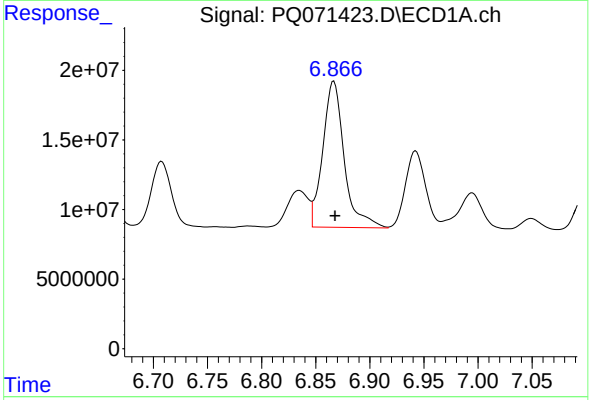
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 140692790
Conc: 367.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8DL



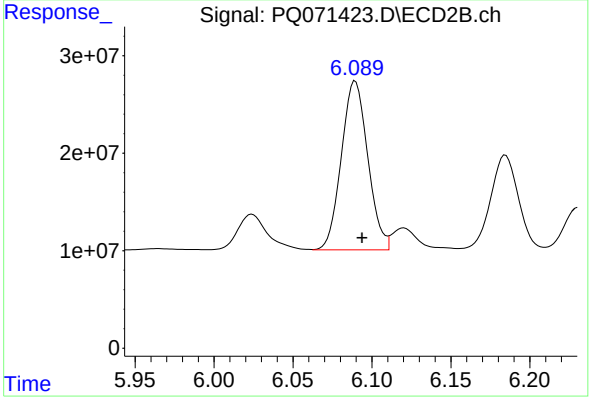
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 225539288
Conc: 381.50 ng/ml



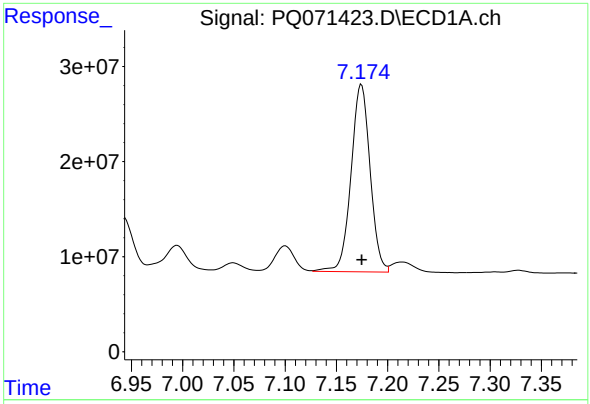
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 144904098
Conc: 346.54 ng/ml



#34 AR-1260-4

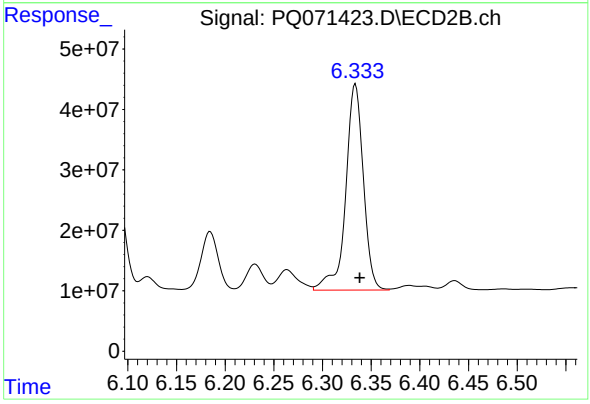
R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 201999503
Conc: 407.77 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 255032840
Conc: 306.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE8DL



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 430459268
Conc: 374.87 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE9	SDG No.:	Q3672
Lab Sample ID:	Q3672-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.8
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.0	U	1	4.90	21.0	ug/kg	11/20/25 22:58	PB170653
11104-28-2	Aroclor-1221	21.0	U	1	5.00	21.0	ug/kg	11/20/25 22:58	PB170653
11141-16-5	Aroclor-1232	21.0	U	1	4.60	21.0	ug/kg	11/20/25 22:58	PB170653
53469-21-9	Aroclor-1242	21.0	U	1	5.00	21.0	ug/kg	11/20/25 22:58	PB170653
12672-29-6	Aroclor-1248	252		1	7.30	21.0	ug/kg	11/20/25 22:58	PB170653
11097-69-1	Aroclor-1254	101		1	4.00	21.0	ug/kg	11/20/25 22:58	PB170653
37324-23-5	Aroclor-1262	21.0	U	1	6.20	21.0	ug/kg	11/20/25 22:58	PB170653
11100-14-4	Aroclor-1268	21.0	U	1	4.40	21.0	ug/kg	11/20/25 22:58	PB170653
11096-82-5	Aroclor-1260	75.8		1	4.00	21.0	ug/kg	11/20/25 22:58	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			21 - 165	101%	SPK: 20		
2051-24-3	Decachlorobiphenyl	11.0			10 - 170	55%	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

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\PQ112025\
Data File : PQ071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:58
Operator : YP\AJ
Sample : Q3672-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE9

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:50:50 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	151.6E6	187.7E6	17.419	20.105
2)	SA Decachlor...	8.535	7.654	56841506	100.9E6	9.078	11.045m
	Target Compounds						
21)	L5 AR-1248-1	4.496	3.870	84741981	109.0E6	444.853	511.884
22)	L5 AR-1248-2	4.760	4.096	106.2E6	143.5E6	436.392	505.120
23)	L5 AR-1248-3	4.948	4.134	154.0E6	176.0E6	524.110	628.172
24)	L5 AR-1248-4	5.309	4.293	141.3E6	212.3E6	537.627	613.020
25)	L5 AR-1248-5	5.337	4.671	128.0E6	280.3E6	378.340	804.086 #
26)	L6 AR-1254-1	5.309	4.633	141.3E6	203.1E6	406.870	379.029
27)	L6 AR-1254-2	5.522	4.780	169.8E6	69254929	313.371	150.954 #
28)	L6 AR-1254-3	5.876	5.164	75746656	100.8E6	131.543	132.816
29)	L6 AR-1254-4	6.157	5.391	52759641	78860876	124.878	157.779 #
30)	L6 AR-1254-5	6.567	5.797	114.2E6	170.1E6	248.449	245.671
31)	L7 AR-1260-1	6.042	5.295	59442968	129.9E6	132.834	260.443 #
32)	L7 AR-1260-2	6.299	5.484	93108022	132.2E6	182.238	217.998
33)	L7 AR-1260-3	6.651	5.626	66864683	91037268	174.703	153.991
34)	L7 AR-1260-4	6.866	6.090	53700632	73170341	128.426	147.706
35)	L7 AR-1260-5	7.174	6.334	97365920	160.7E6	116.993	139.916

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

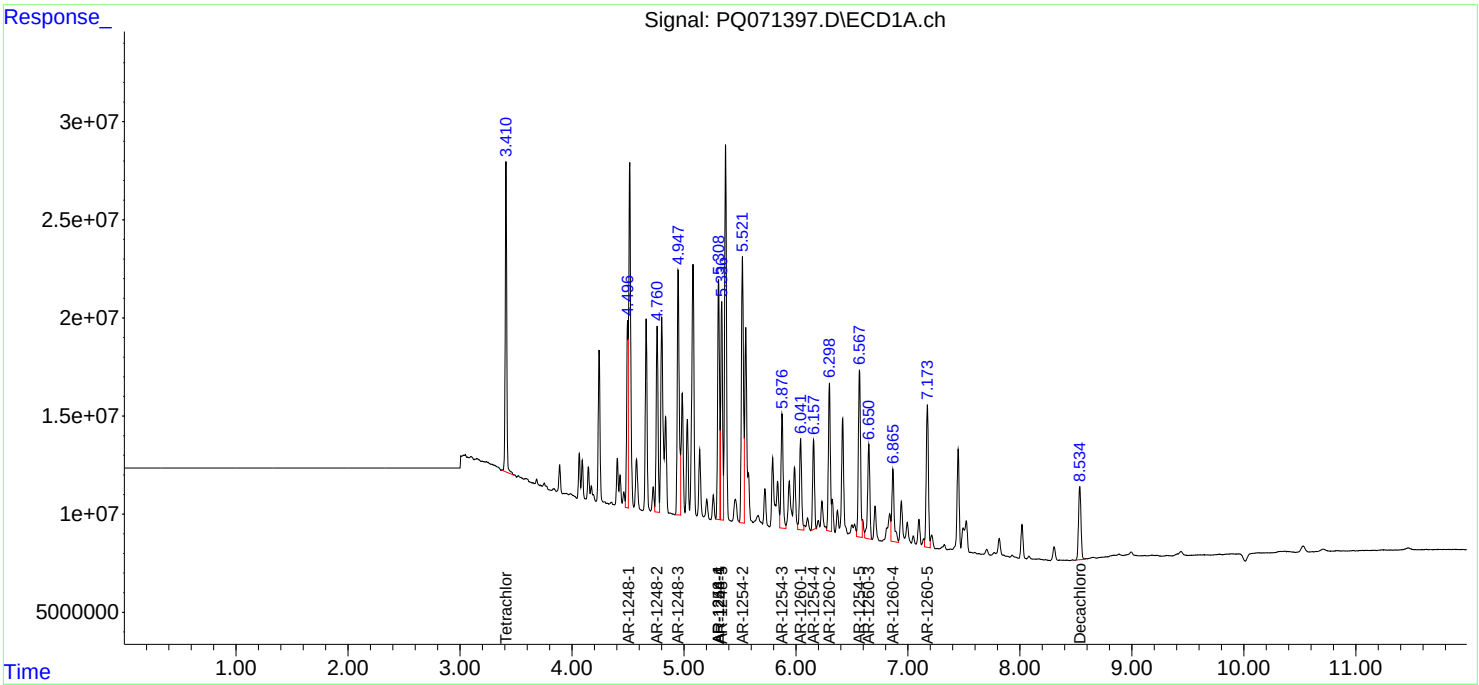
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071397.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 22:58
Operator : YP\AJ
Sample : Q3672-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

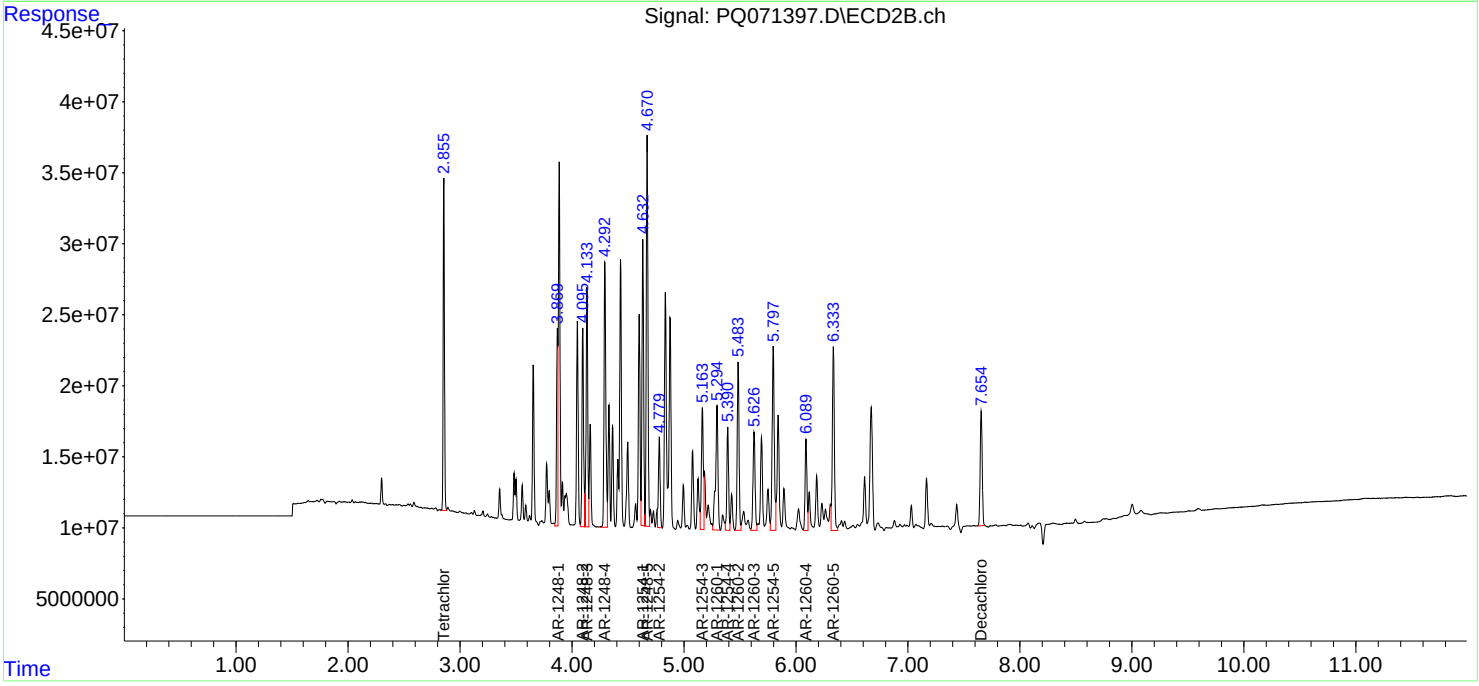
Instrument :
ECD_Q
ClientSampleId :
C0AE9

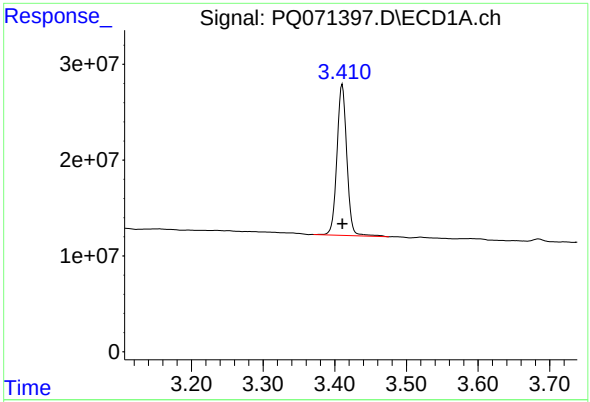
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:50:50 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







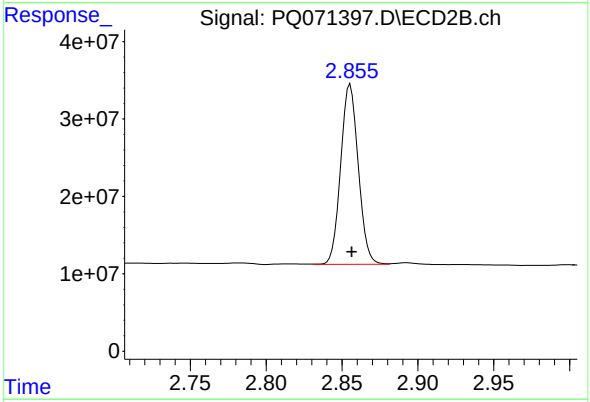
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 151638434
Conc: 17.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

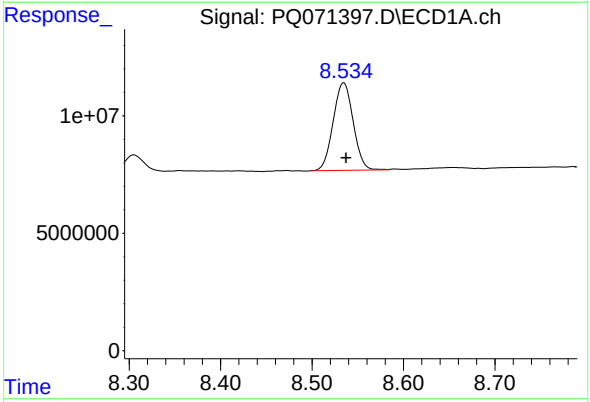
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



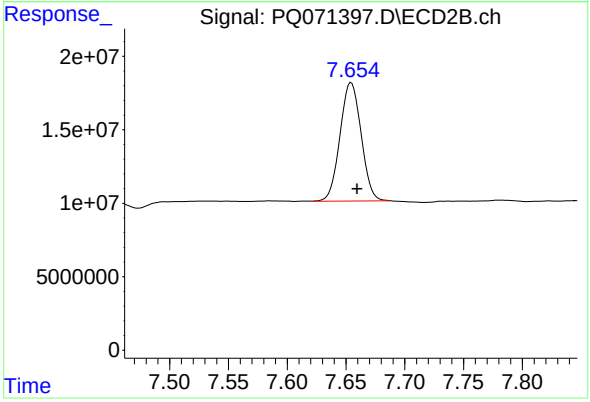
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 187712111
Conc: 20.10 ng/ml



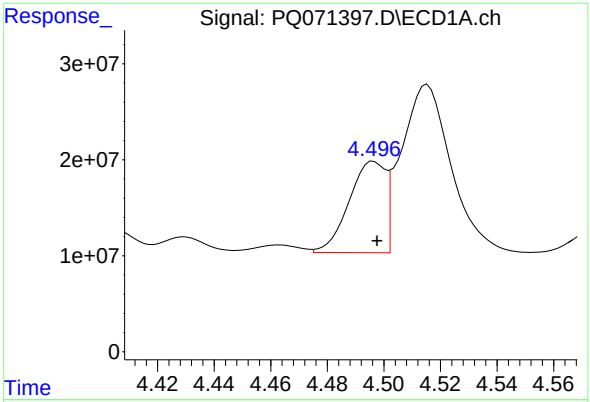
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 56841506
Conc: 9.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 100922476
Conc: 11.04 ng/ml m



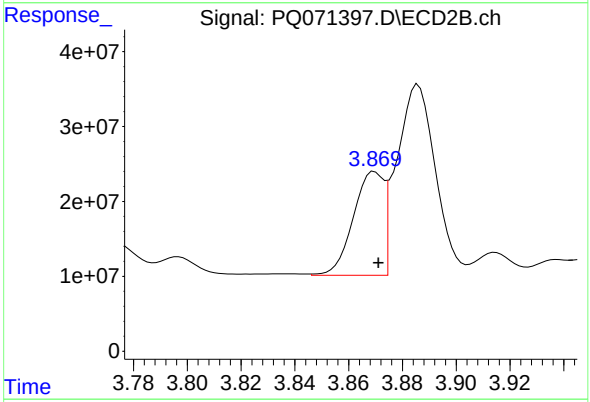
#21 AR-1248-1

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 84741981
Conc: 444.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

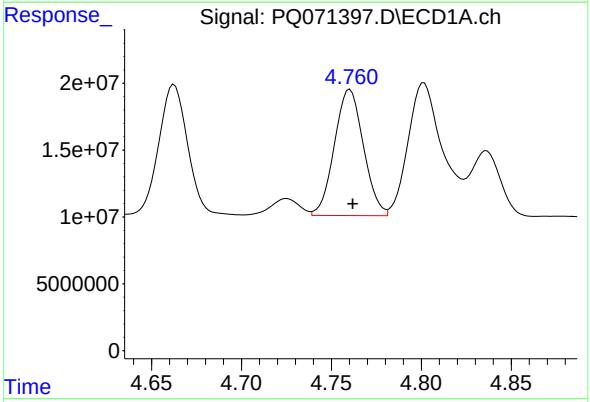
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



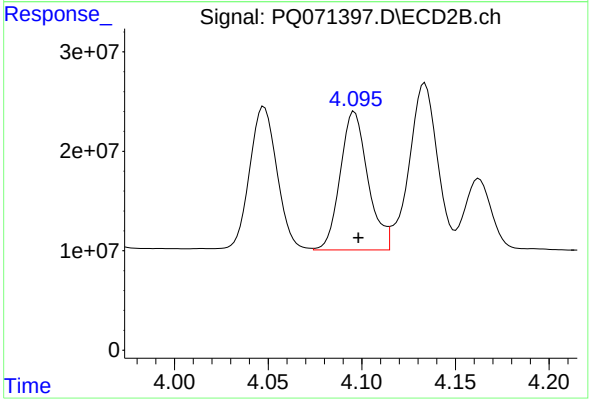
#21 AR-1248-1

R.T.: 3.870 min
Delta R.T.: -0.001 min
Response: 108967971
Conc: 511.88 ng/ml



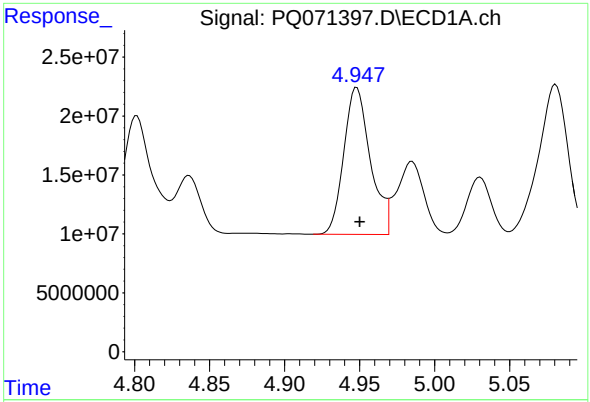
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 106168478
Conc: 436.39 ng/ml



#22 AR-1248-2

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 143462810
Conc: 505.12 ng/ml



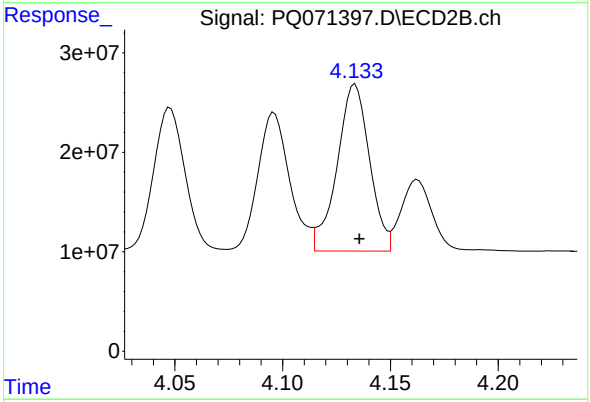
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 153996903
Conc: 524.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

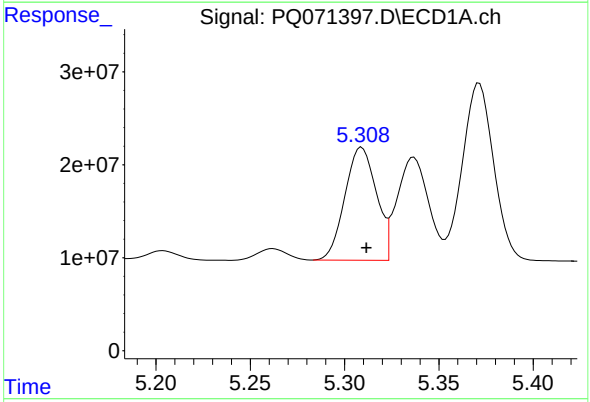
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



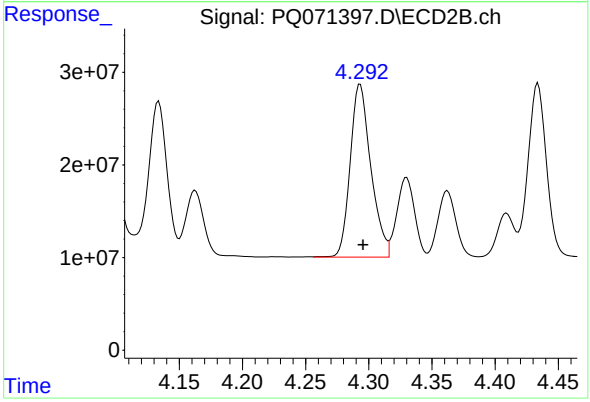
#23 AR-1248-3

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 175958982
Conc: 628.17 ng/ml



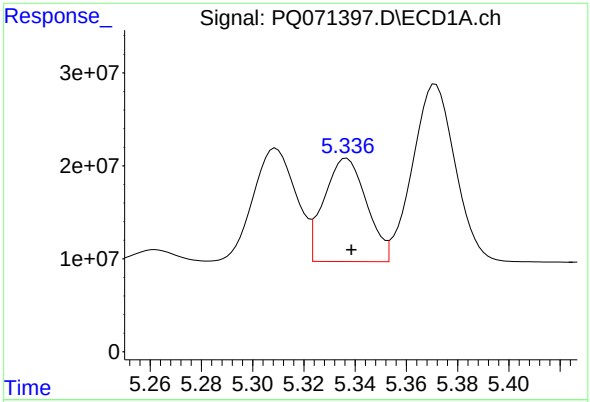
#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: -0.003 min
Response: 141330375
Conc: 537.63 ng/ml



#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 212340441
Conc: 613.02 ng/ml



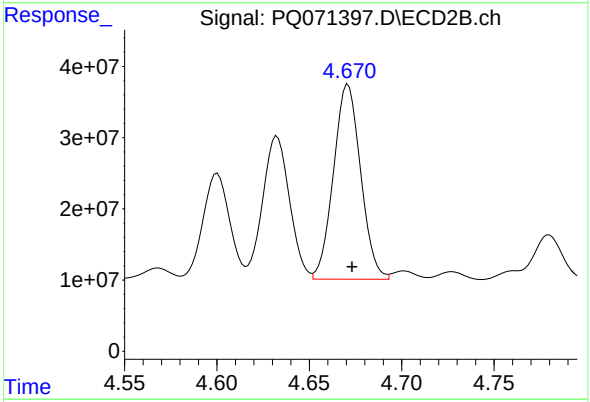
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 128010011
Conc: 378.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

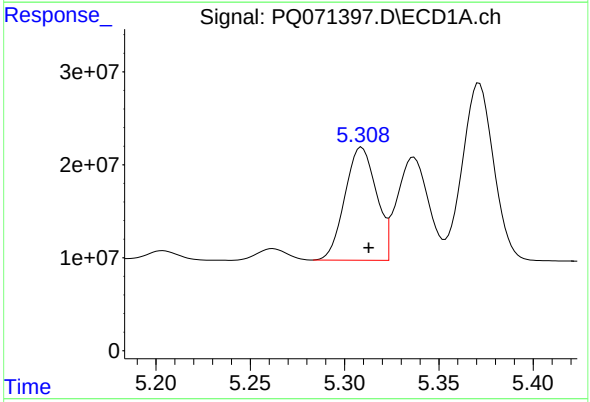
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



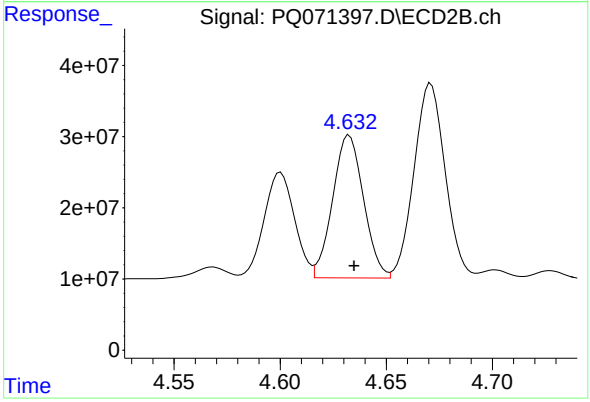
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 280334815
Conc: 804.09 ng/ml



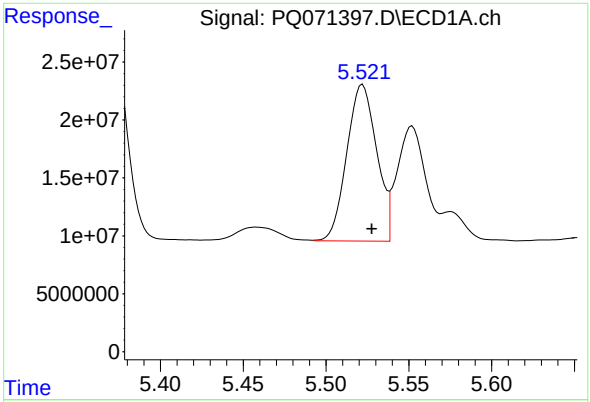
#26 AR-1254-1

R.T.: 5.309 min
Delta R.T.: -0.004 min
Response: 141330375
Conc: 406.87 ng/ml



#26 AR-1254-1

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 203110077
Conc: 379.03 ng/ml



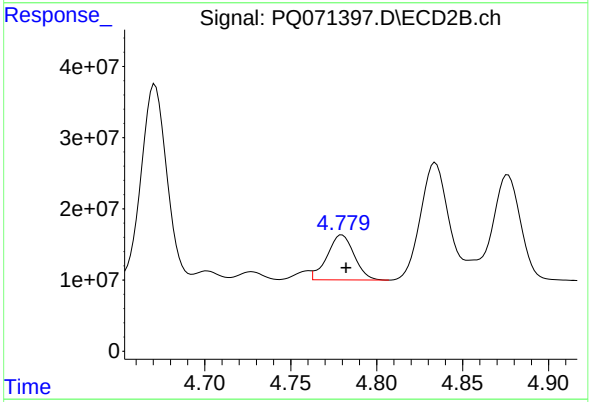
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.006 min
Response: 169791435
Conc: 313.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

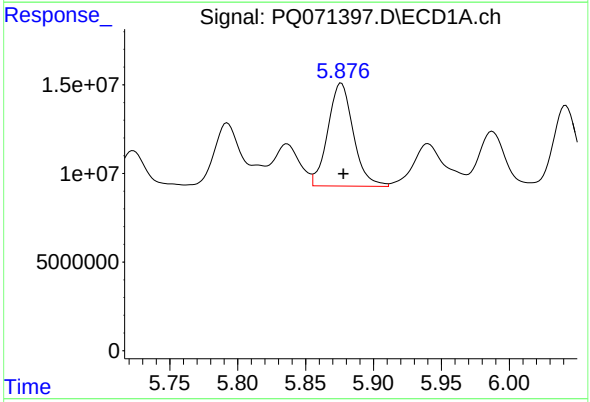
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



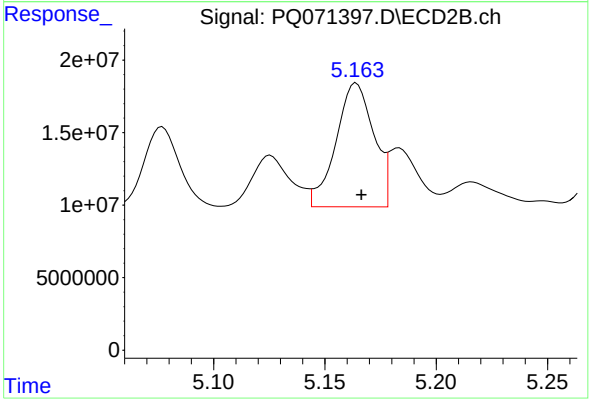
#27 AR-1254-2

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 69254929
Conc: 150.95 ng/ml



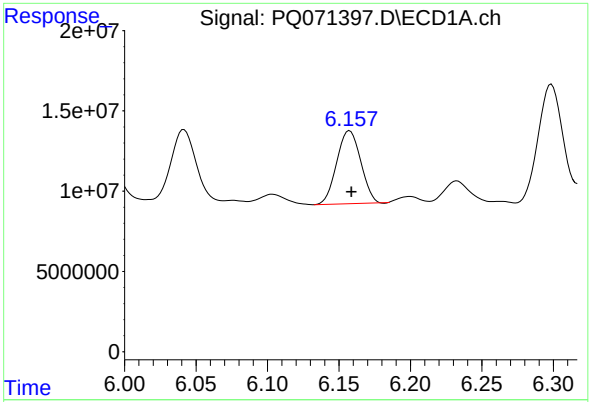
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 75746656
Conc: 131.54 ng/ml



#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 100847240
Conc: 132.82 ng/ml



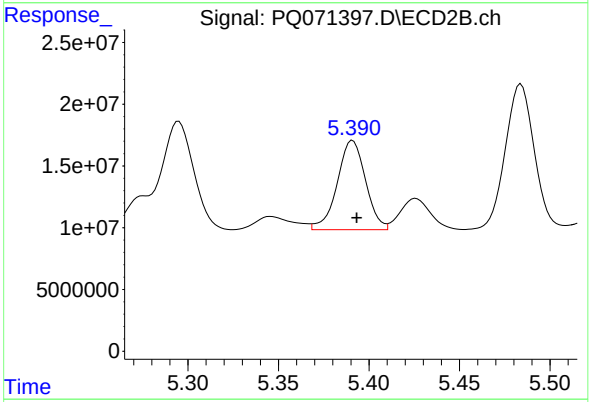
#29 AR-1254-4

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 52759641
Conc: 124.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

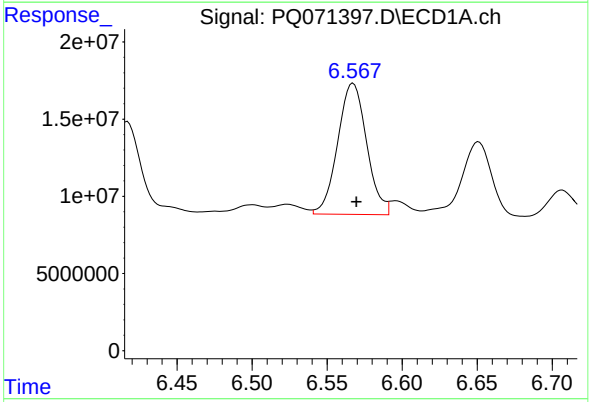
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



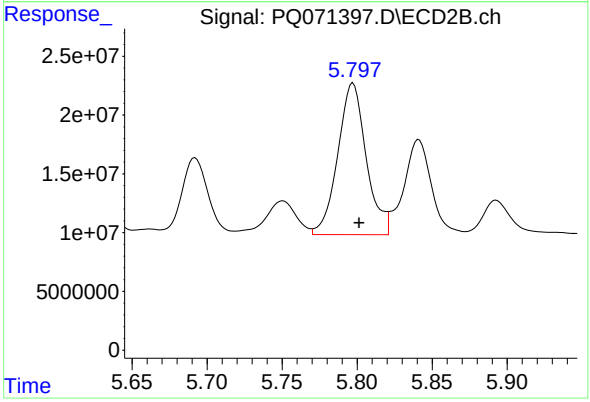
#29 AR-1254-4

R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 78860876
Conc: 157.78 ng/ml



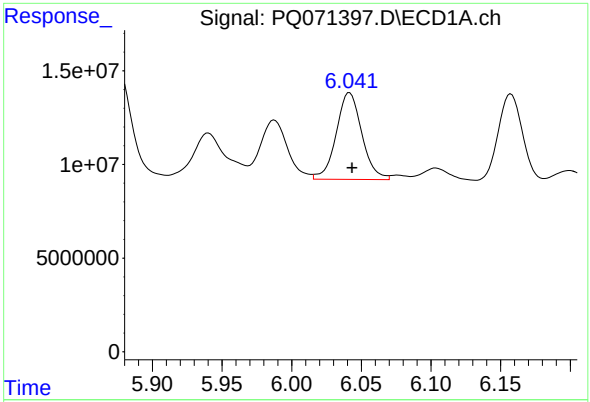
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 114195127
Conc: 248.45 ng/ml



#30 AR-1254-5

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 170060573
Conc: 245.67 ng/ml



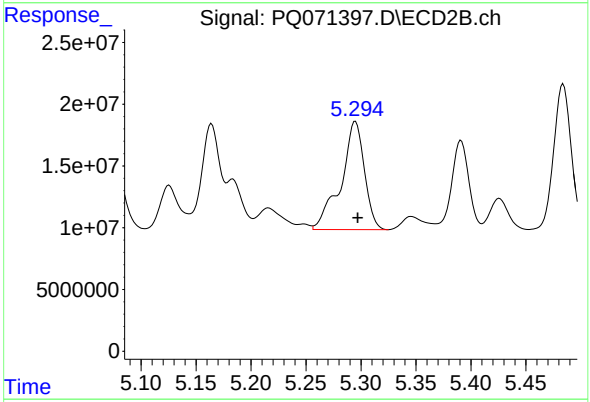
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 59442968
Conc: 132.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

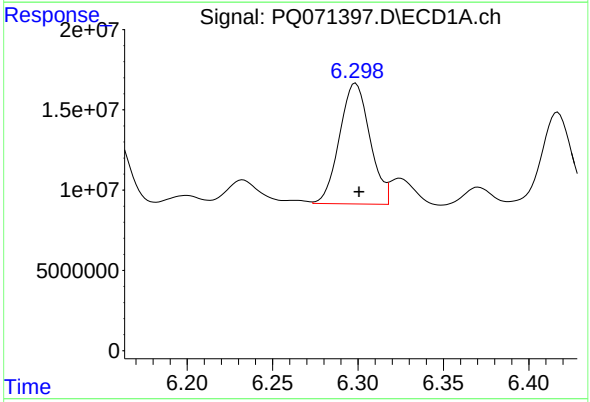
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



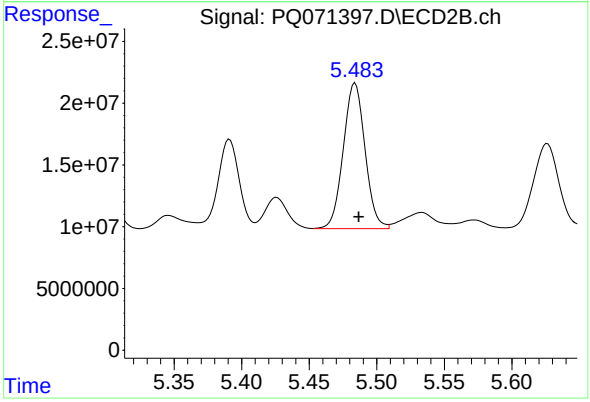
#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 129942239
Conc: 260.44 ng/ml



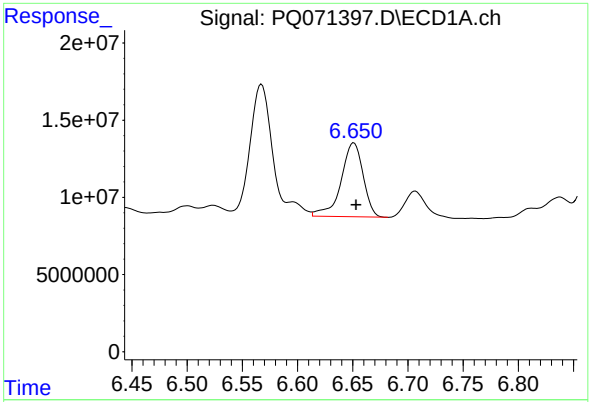
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 93108022
Conc: 182.24 ng/ml



#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 132188472
Conc: 218.00 ng/ml



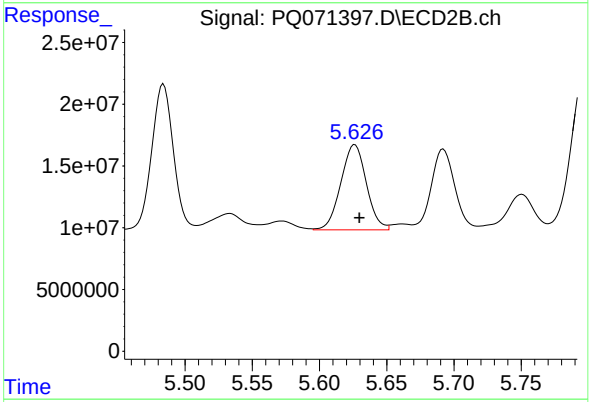
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 66864683
Conc: 174.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

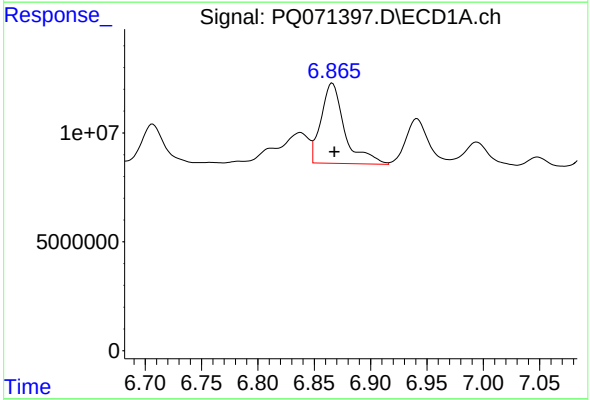
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



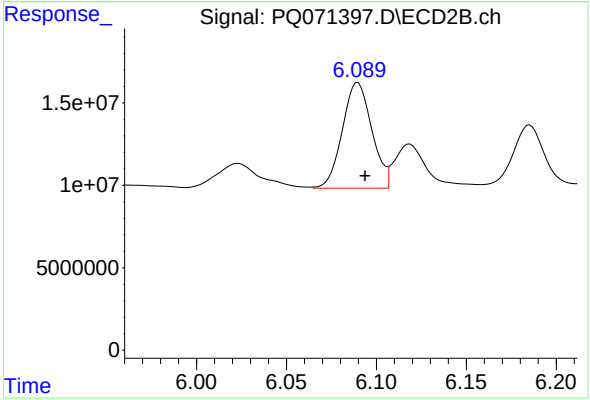
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 91037268
Conc: 153.99 ng/ml



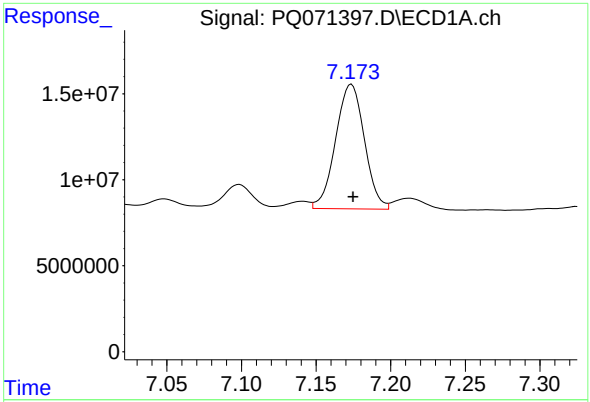
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 53700632
Conc: 128.43 ng/ml



#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 73170341
Conc: 147.71 ng/ml



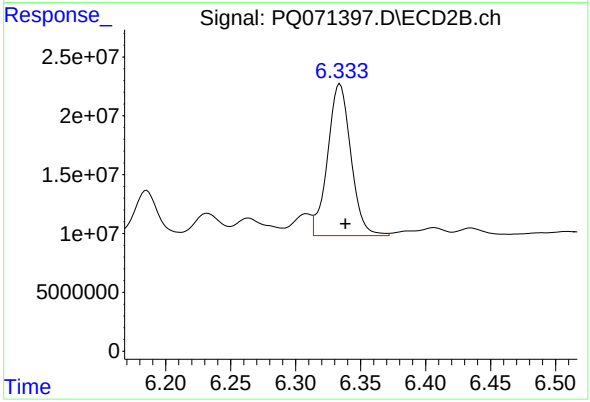
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 97365920
Conc: 116.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE9

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 160663399
Conc: 139.92 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF0	SDG No.:	Q3672
Lab Sample ID:	Q3672-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.3
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.8	U	1	4.80	20.8	ug/kg	11/21/25 00:55	PB170653
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/21/25 00:55	PB170653
11141-16-5	Aroclor-1232	20.8	U	1	4.60	20.8	ug/kg	11/21/25 00:55	PB170653
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/21/25 00:55	PB170653
12672-29-6	Aroclor-1248	33.4		1	7.30	20.8	ug/kg	11/21/25 00:55	PB170653
11097-69-1	Aroclor-1254	90.7		1	3.90	20.8	ug/kg	11/21/25 00:55	PB170653
37324-23-5	Aroclor-1262	20.8	U	1	6.20	20.8	ug/kg	11/21/25 00:55	PB170653
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/21/25 00:55	PB170653
11096-82-5	Aroclor-1260	145		1	4.00	20.8	ug/kg	11/21/25 00:55	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.0			21 - 165	125%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.1			10 - 170	86%	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

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\PQ112025\
Data File : PQ071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 00:55
Operator : YP\AJ
Sample : Q3672-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF0

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:52:14 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	180.8E6	233.5E6	20.769	25.004
2)	SA Decachlor...	8.534	7.655	86138940	156.5E6	13.757	17.122
	Target Compounds						
21)	L5 AR-1248-1	4.497	3.868	6223747	6065228	32.672	28.492m
22)	L5 AR-1248-2	4.761	4.095	15816485	20421066	65.012	71.901m
23)	L5 AR-1248-3	4.949	4.132	12910793	22415410	43.940	80.023m#
24)	L5 AR-1248-4	5.310	4.293	31870023	18688142	121.235	53.952m#
25)	L5 AR-1248-5	5.337	4.671	33073930	60695332	97.752	174.093 #
26)	L6 AR-1254-1	5.310	4.633	31870023	60075821	91.749	112.109
27)	L6 AR-1254-2	5.525	4.780	57011130	50422906	105.221	109.906
28)	L6 AR-1254-3	5.877	5.164	60415679	78225869	104.919	103.024
29)	L6 AR-1254-4	6.158	5.391	67339292	94351607	159.387	188.772
30)	L6 AR-1254-5	6.567	5.797	291.9E6	411.9E6	635.104m	595.095
31)	L7 AR-1260-1	6.042	5.294	94991906	140.1E6	212.274	280.722 #
32)	L7 AR-1260-2	6.299	5.484	226.9E6	309.6E6	444.045m	510.534
33)	L7 AR-1260-3	6.651	5.627	154.3E6	162.8E6	403.235	275.323 #
34)	L7 AR-1260-4	6.866	6.090	126.4E6	177.6E6	302.229m	358.534
35)	L7 AR-1260-5	7.174	6.335	243.8E6	406.5E6	292.982	354.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 00:55
Operator : YP\AJ
Sample : Q3672-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

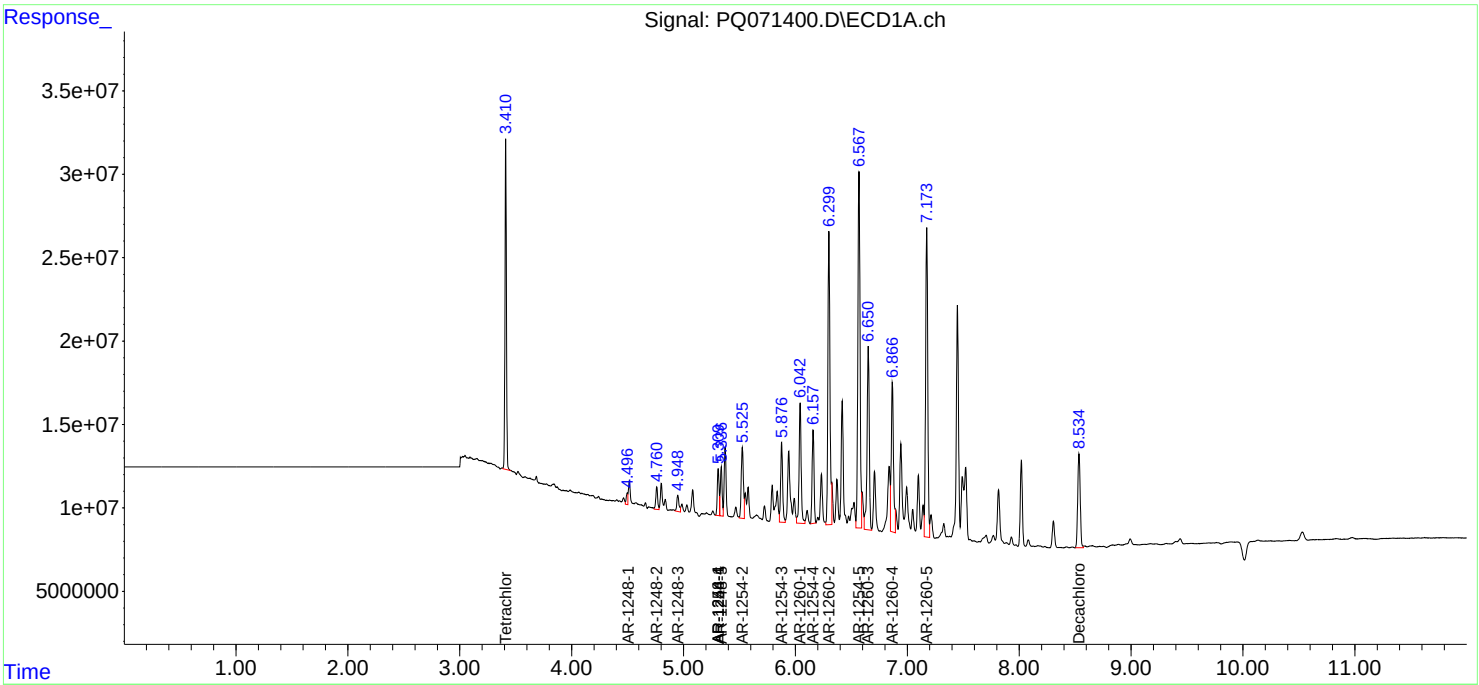
Instrument :
ECD_Q
ClientSampleId :
C0AF0

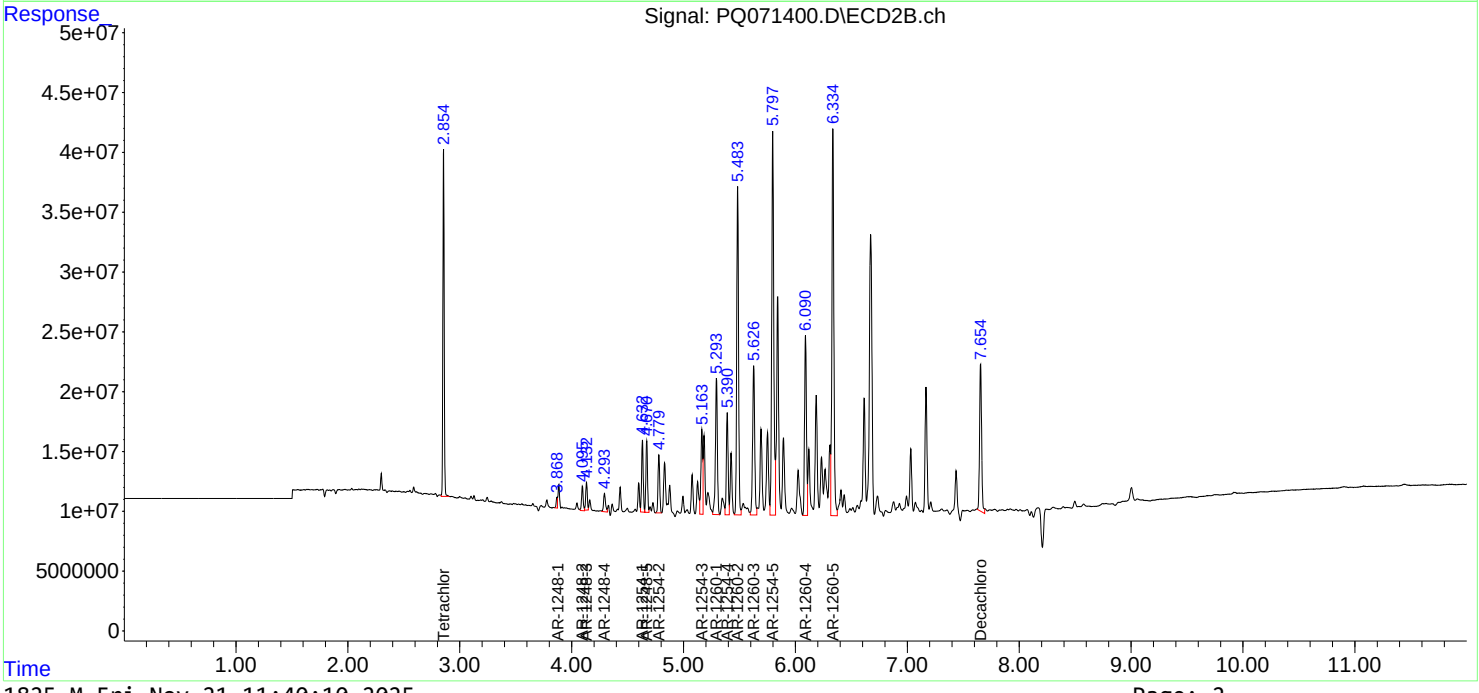
Manual Integrations APPROVED

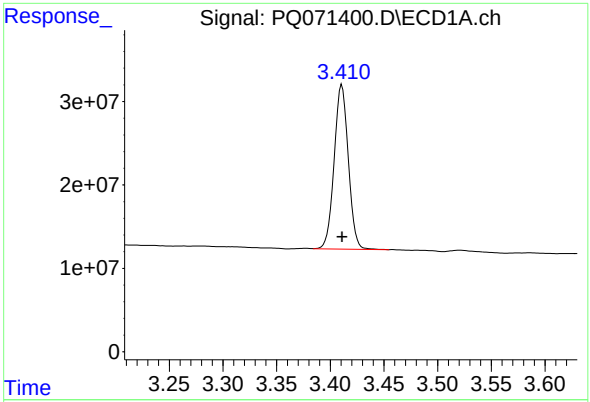
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:52:14 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







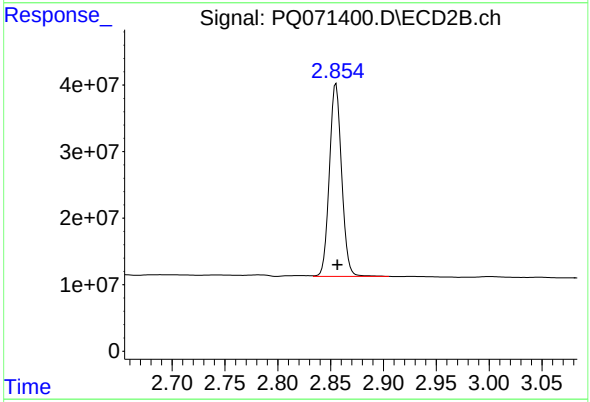
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 180800960
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

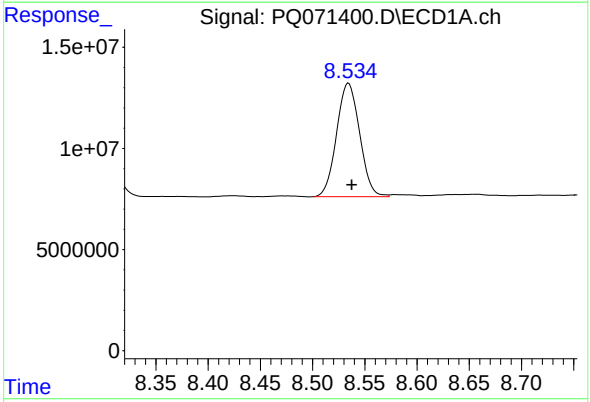
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



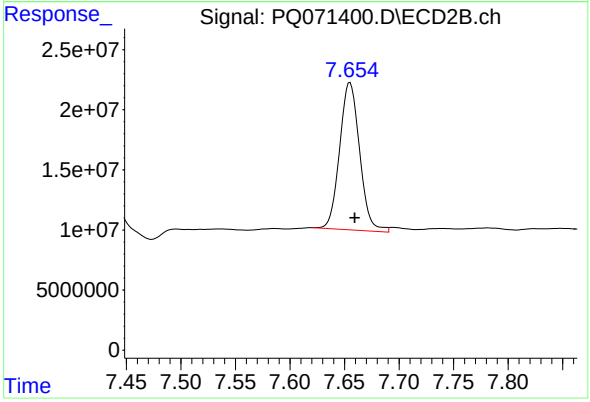
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 233455193
Conc: 25.00 ng/ml



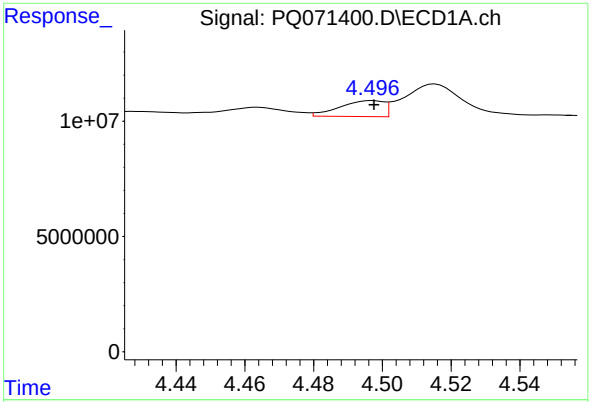
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 86138940
Conc: 13.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 156454062
Conc: 17.12 ng/ml



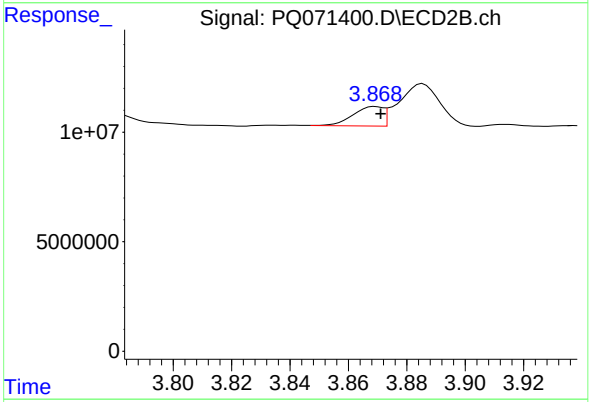
#21 AR-1248-1

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6223747
Conc: 32.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

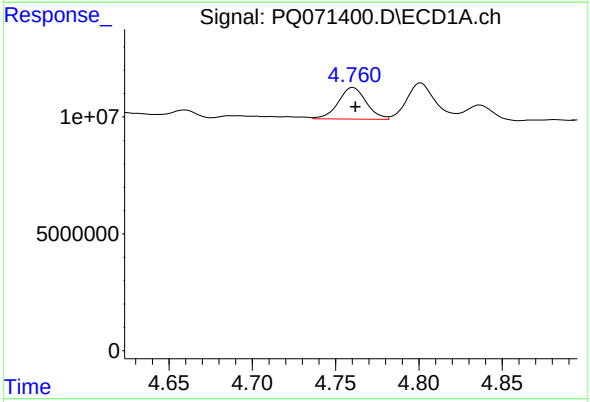
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



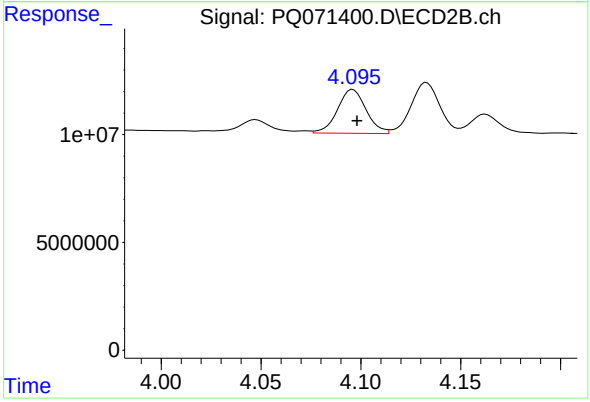
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 6065228
Conc: 28.49 ng/ml m



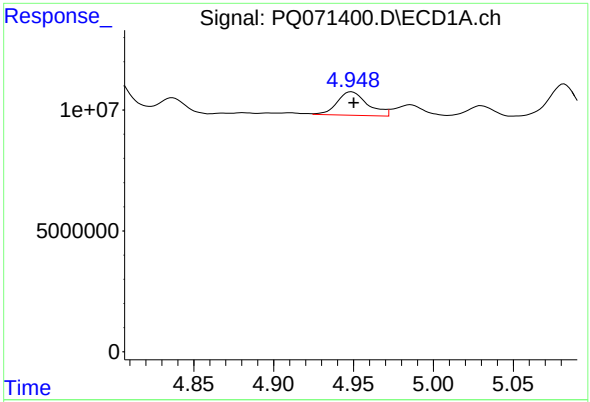
#22 AR-1248-2

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 15816485
Conc: 65.01 ng/ml



#22 AR-1248-2

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 20421066
Conc: 71.90 ng/ml m



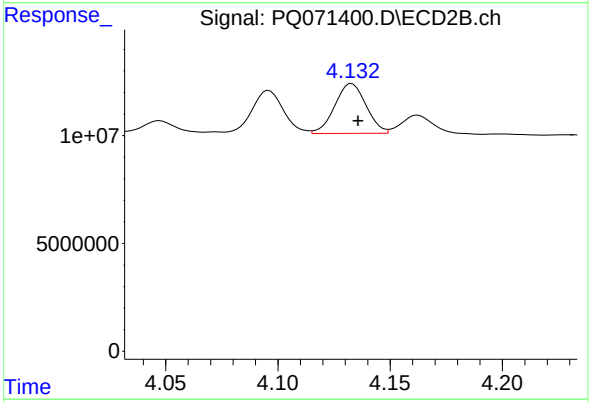
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 12910793
Conc: 43.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

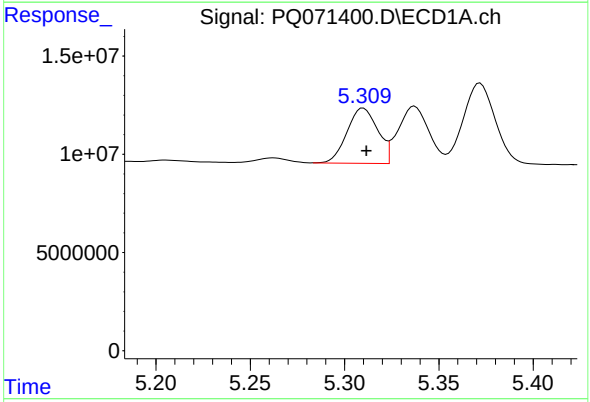
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



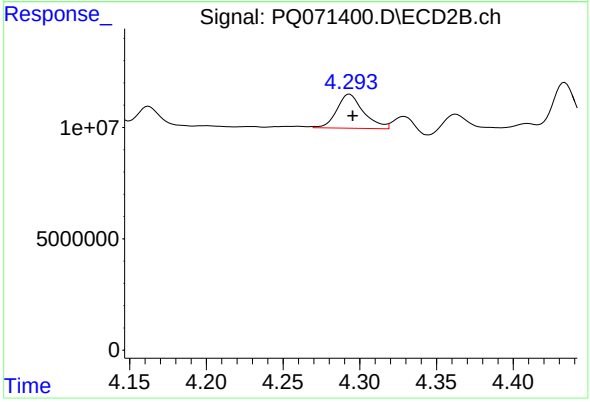
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 22415410
Conc: 80.02 ng/ml m



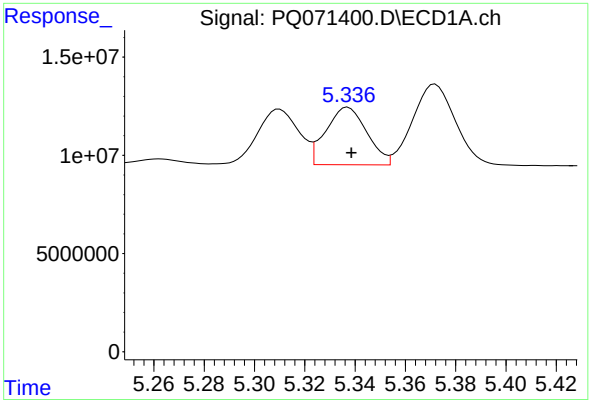
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 31870023
Conc: 121.23 ng/ml



#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 18688142
Conc: 53.95 ng/ml m



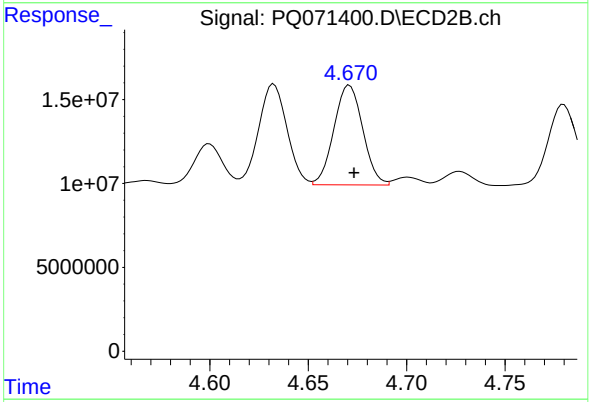
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 33073930
Conc: 97.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

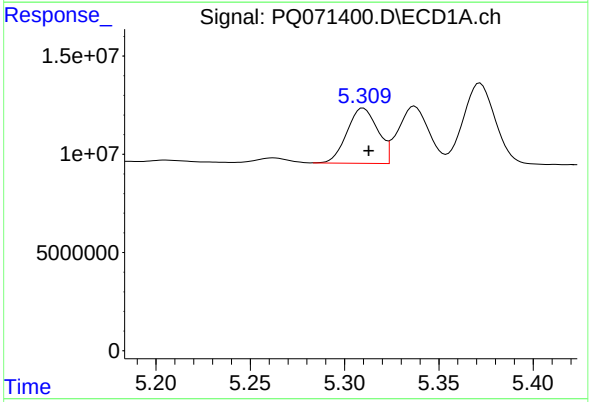
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



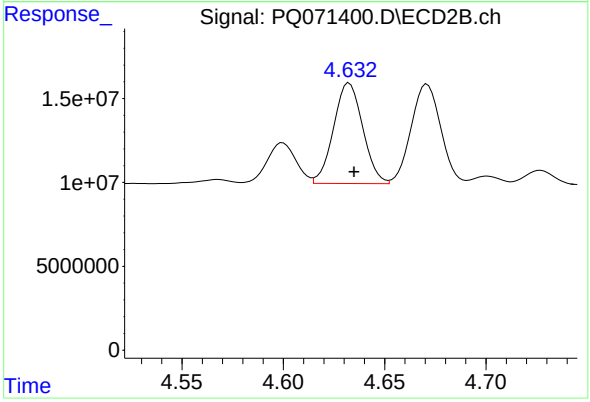
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 60695332
Conc: 174.09 ng/ml



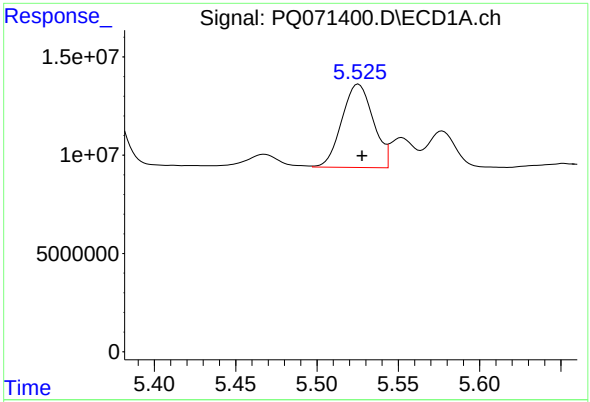
#26 AR-1254-1

R.T.: 5.310 min
Delta R.T.: -0.003 min
Response: 31870023
Conc: 91.75 ng/ml



#26 AR-1254-1

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 60075821
Conc: 112.11 ng/ml



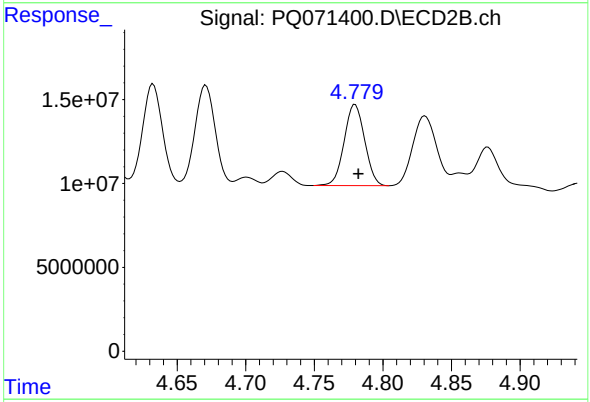
#27 AR-1254-2

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 57011130
Conc: 105.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

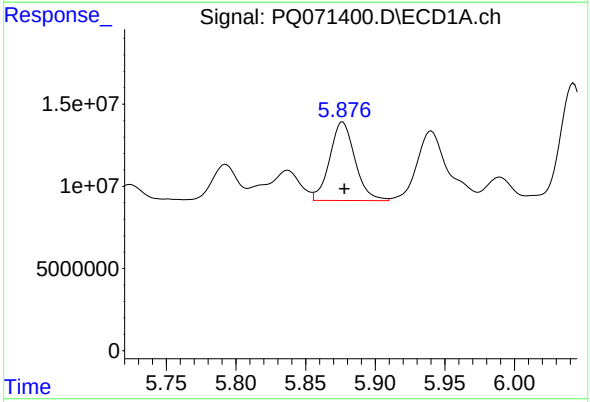
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



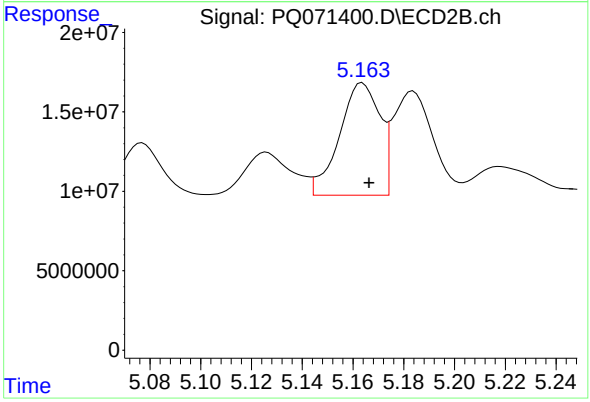
#27 AR-1254-2

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 50422906
Conc: 109.91 ng/ml



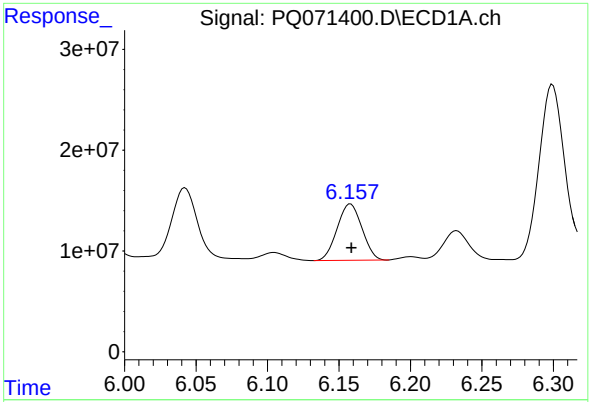
#28 AR-1254-3

R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 60415679
Conc: 104.92 ng/ml



#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 78225869
Conc: 103.02 ng/ml



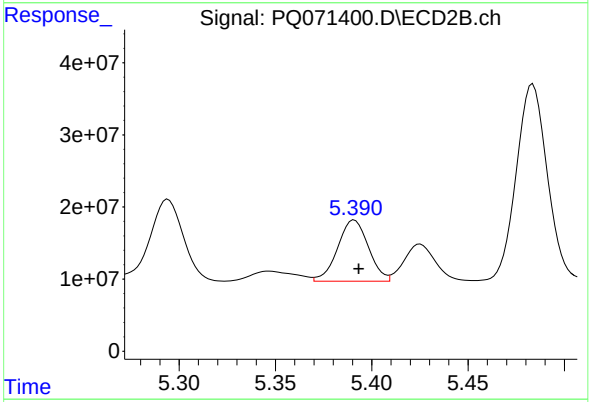
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 67339292
Conc: 159.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

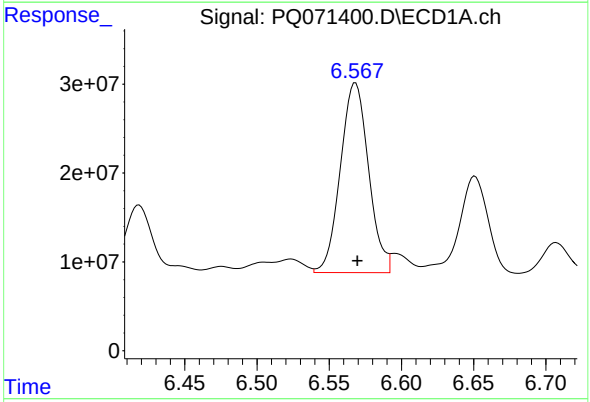
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



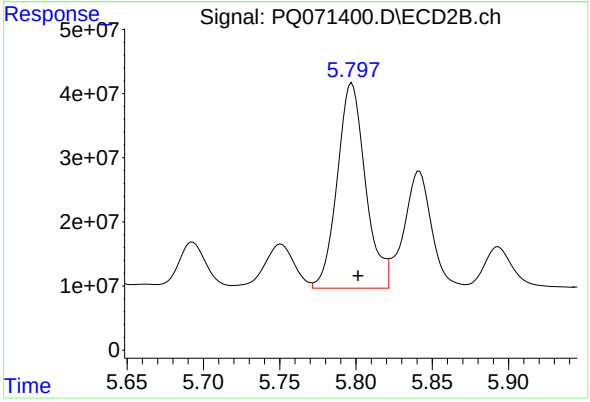
#29 AR-1254-4

R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 94351607
Conc: 188.77 ng/ml



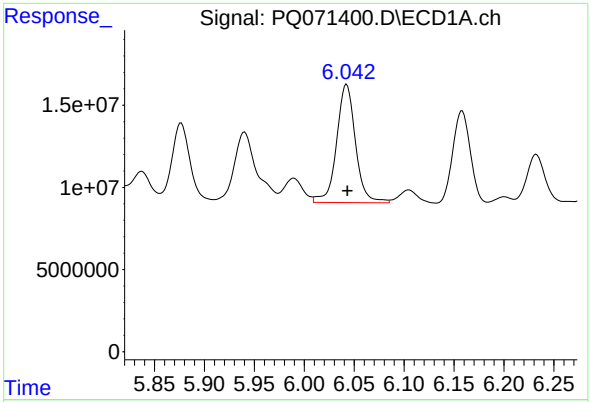
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 291914277
Conc: 635.10 ng/ml m



#30 AR-1254-5

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 411942407
Conc: 595.09 ng/ml



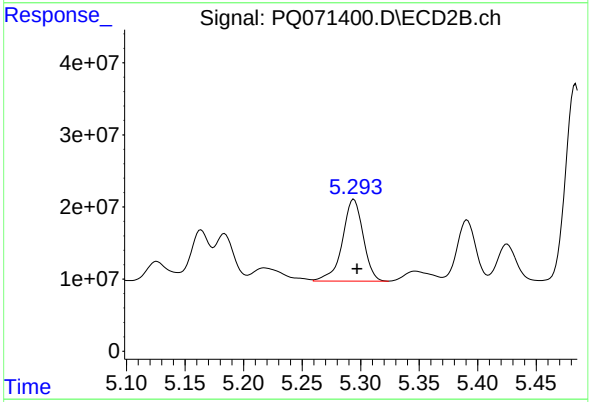
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 94991906
Conc: 212.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

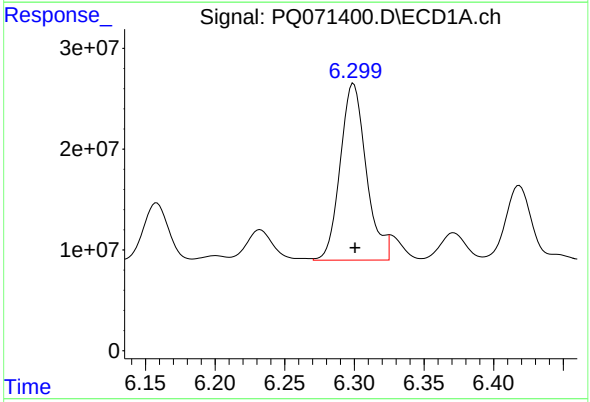
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



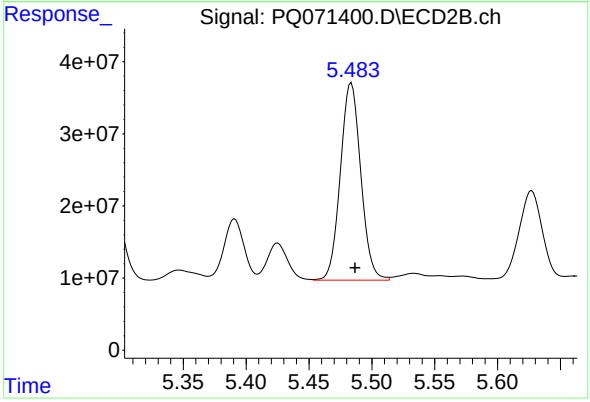
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 140059871
Conc: 280.72 ng/ml



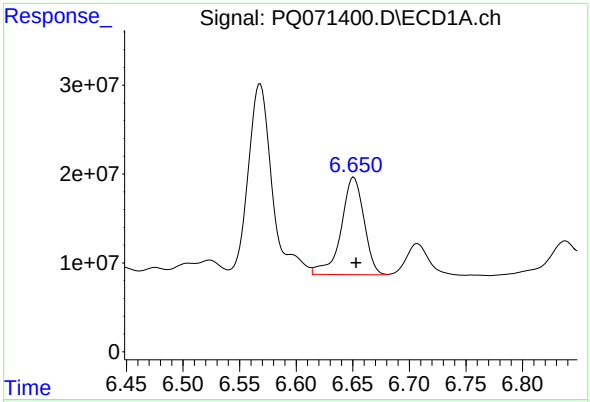
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 226868529
Conc: 444.04 ng/ml m



#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 309575394
Conc: 510.53 ng/ml



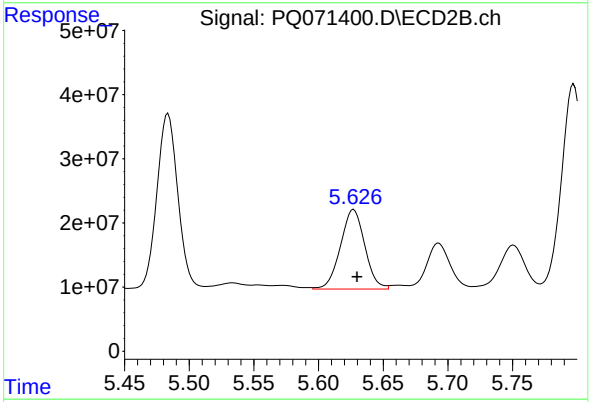
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 154331798
Conc: 403.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

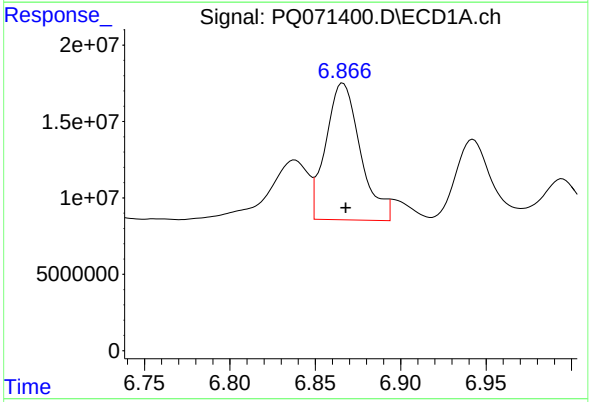
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



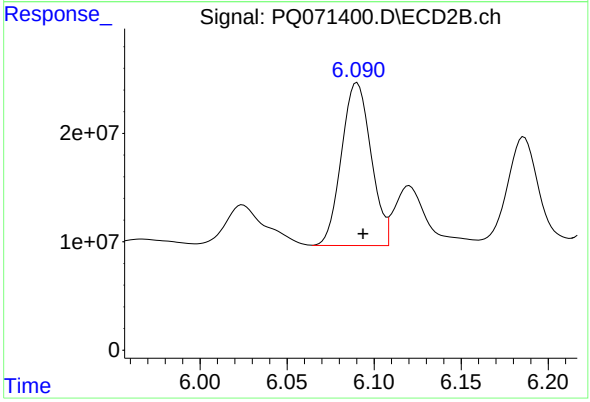
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 162766496
Conc: 275.32 ng/ml



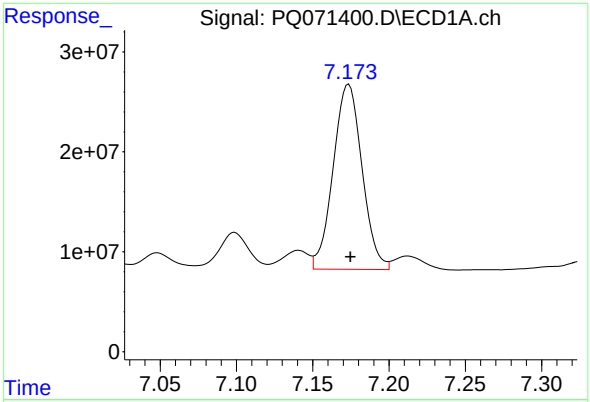
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 126375232
Conc: 302.23 ng/ml m



#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 177610010
Conc: 358.53 ng/ml



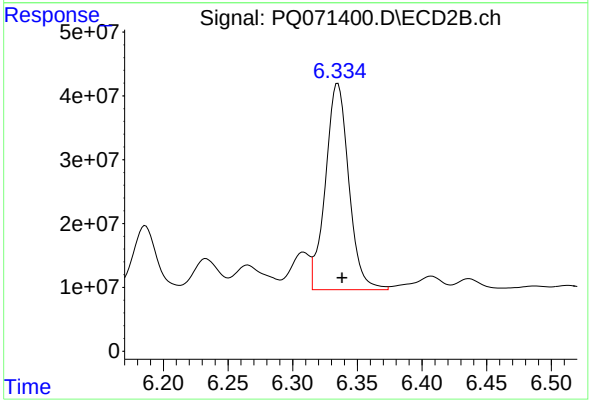
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 243830839
Conc: 292.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 406521720
Conc: 354.02 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF1	SDG No.:	Q3672
Lab Sample ID:	Q3672-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.9
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.7	U	1	4.80	20.7	ug/kg	11/21/25 01:10	PB170653
11104-28-2	Aroclor-1221	20.7	U	1	4.90	20.7	ug/kg	11/21/25 01:10	PB170653
11141-16-5	Aroclor-1232	20.7	U	1	4.50	20.7	ug/kg	11/21/25 01:10	PB170653
53469-21-9	Aroclor-1242	20.7	U	1	4.90	20.7	ug/kg	11/21/25 01:10	PB170653
12672-29-6	Aroclor-1248	20.7	U	1	7.20	20.7	ug/kg	11/21/25 01:10	PB170653
11097-69-1	Aroclor-1254	233		1	3.90	20.7	ug/kg	11/21/25 01:10	PB170653
37324-23-5	Aroclor-1262	20.7	U	1	6.10	20.7	ug/kg	11/21/25 01:10	PB170653
11100-14-4	Aroclor-1268	20.7	U	1	4.40	20.7	ug/kg	11/21/25 01:10	PB170653
11096-82-5	Aroclor-1260	20.7	U	1	3.90	20.7	ug/kg	11/21/25 01:10	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.9			21 - 165	120%	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

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\PQ112025\
Data File : PQ071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:10
Operator : YP\AJ
Sample : Q3672-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:19:23 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...	3.411	2.855	178.6E6	223.6E6	20.512	23.944	
2)	SA Decachlor...	8.534	7.655	71077698	142.6E6	11.351	15.607	#
	Target Compounds							
26)	L6 AR-1254-1	5.311	4.632	76029156	130.3E6	218.877	243.106	
27)	L6 AR-1254-2	5.527	4.779	172.8E6	181.6E6	318.978	395.827	
28)	L6 AR-1254-3	5.876	5.164	229.1E6	400.0E6	397.889	526.863	#
29)	L6 AR-1254-4	6.158	5.390	219.5E6	293.0E6	519.610	586.117	
30)	L6 AR-1254-5	6.568	5.798	502.3E6	769.6E6	1092.914	1111.809	

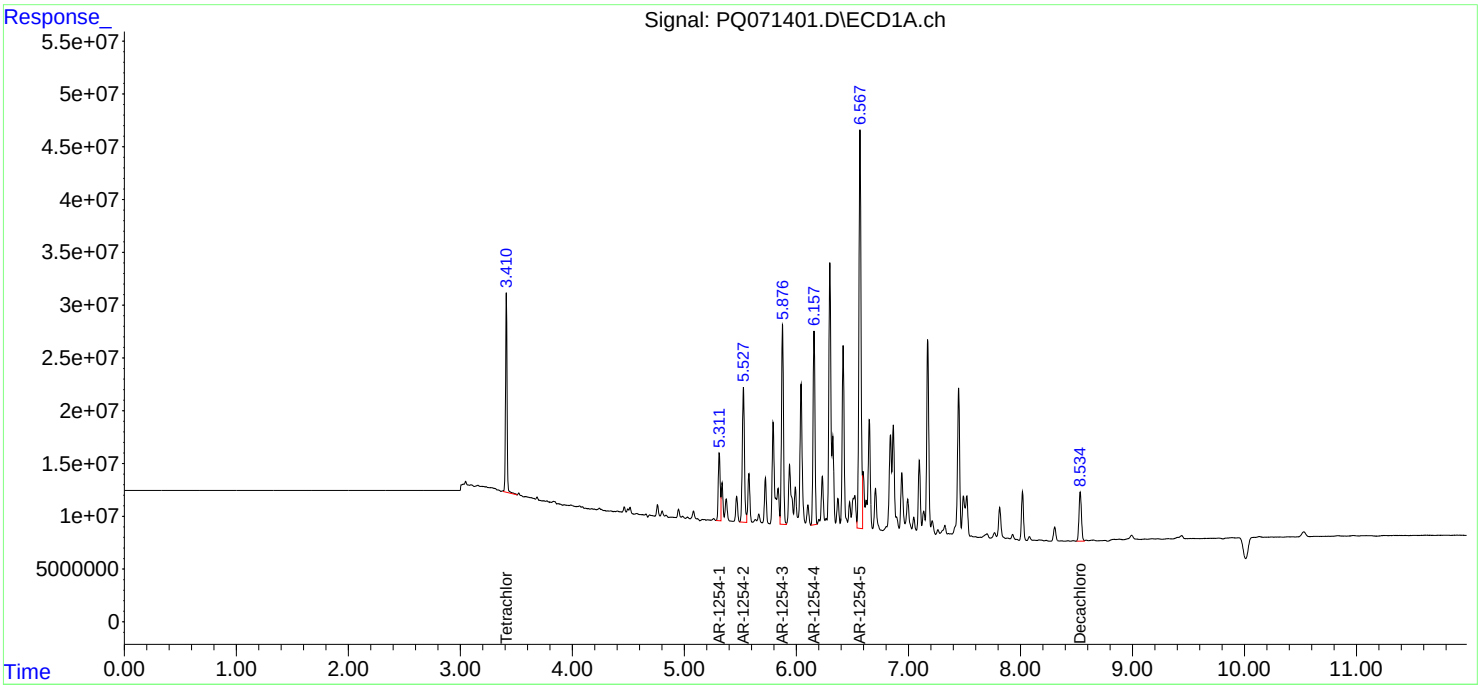
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

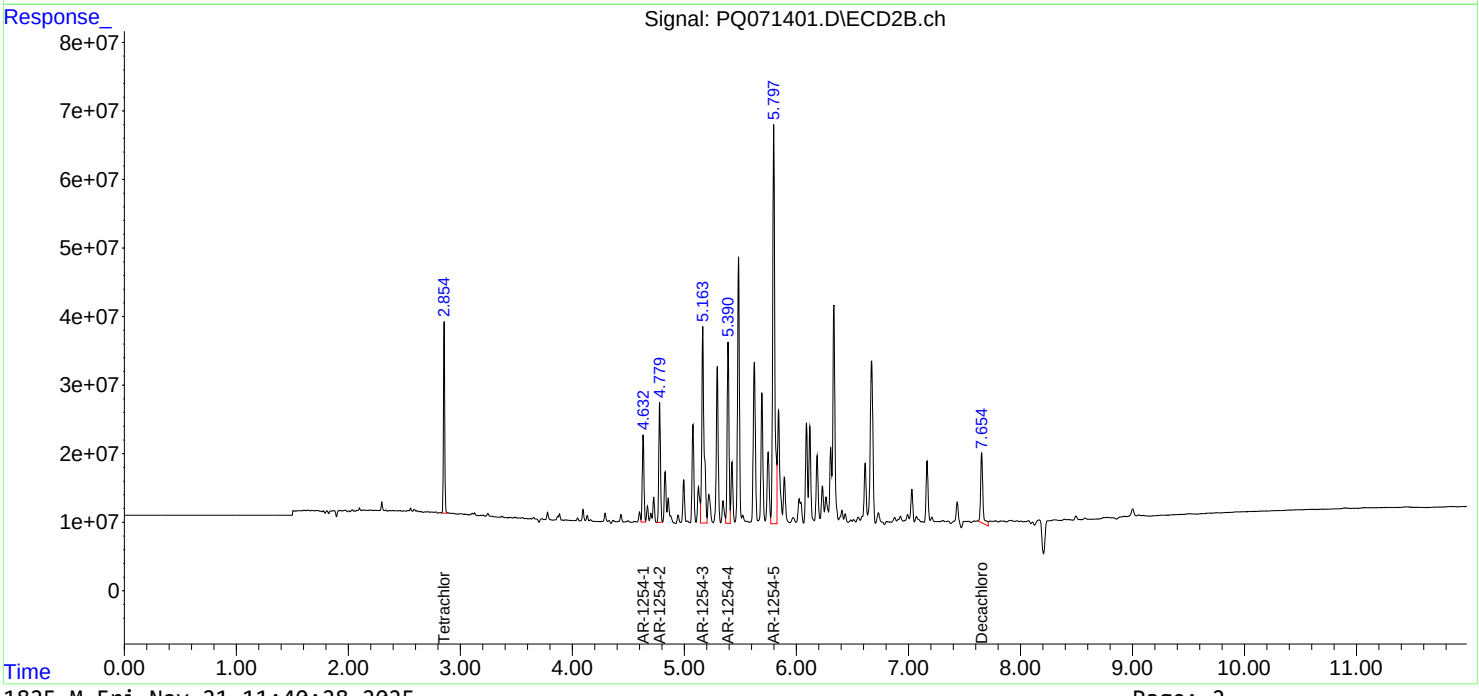
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:10
Operator : YP\AJ
Sample : Q3672-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

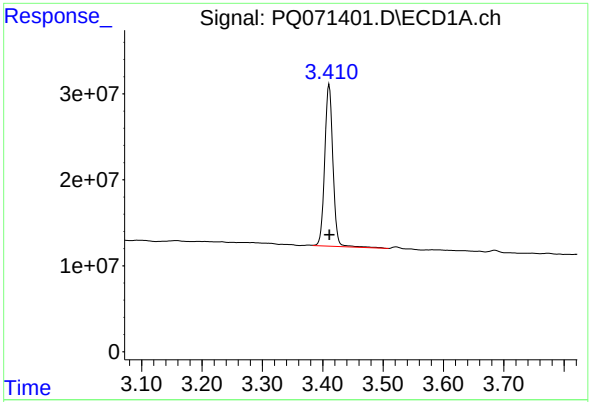
Instrument :
ECD_Q
ClientSampleId :
C0AF1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 10:19:23 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



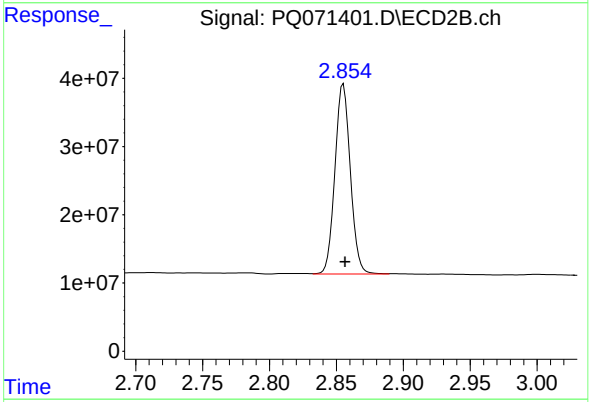




#1 Tetrachloro-m-xylene

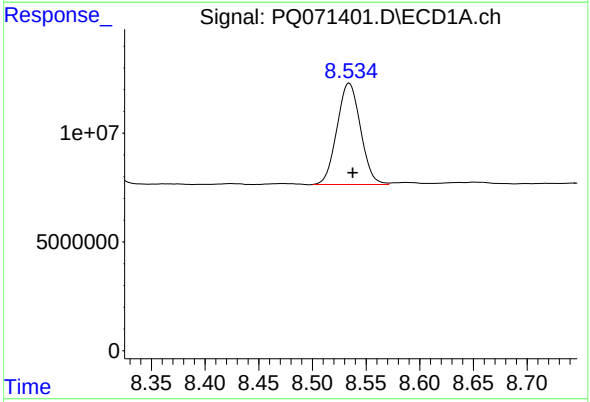
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 178560501
Conc: 20.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF1



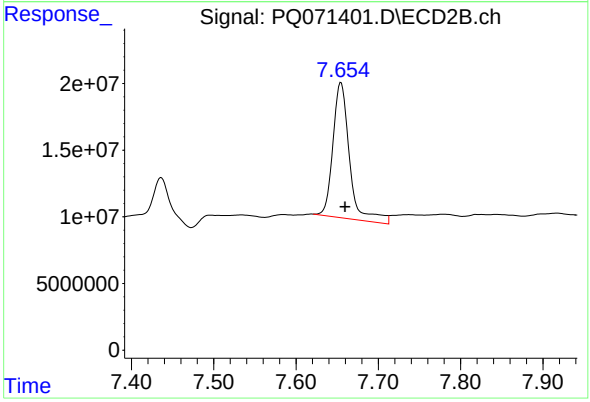
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 223554554
Conc: 23.94 ng/ml



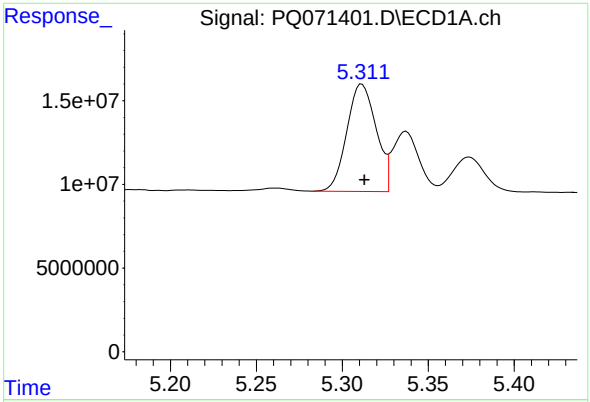
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 71077698
Conc: 11.35 ng/ml



#2 Decachlorobiphenyl

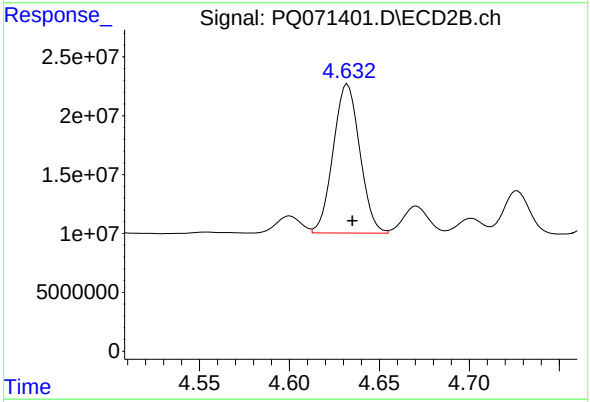
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 142616373
Conc: 15.61 ng/ml



#26 AR-1254-1

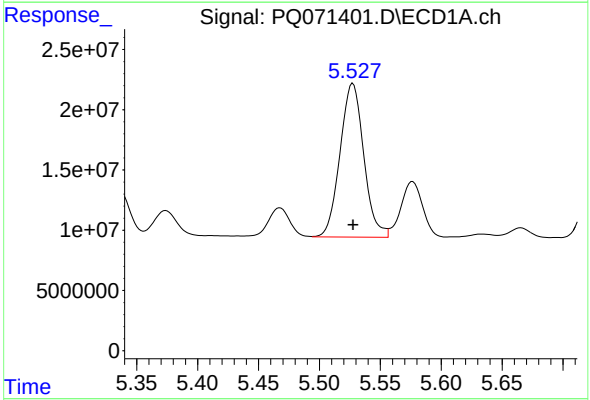
R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 76029156
Conc: 218.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF1



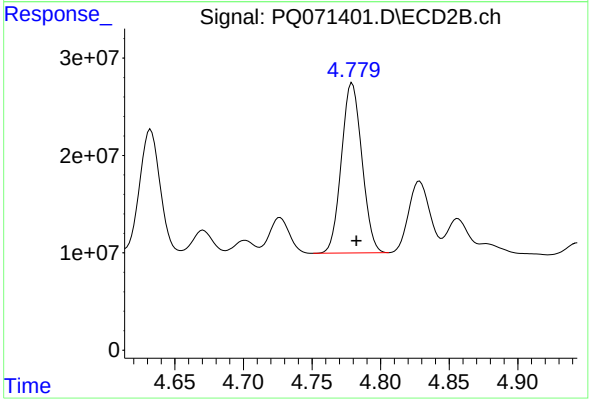
#26 AR-1254-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 130273155
Conc: 243.11 ng/ml



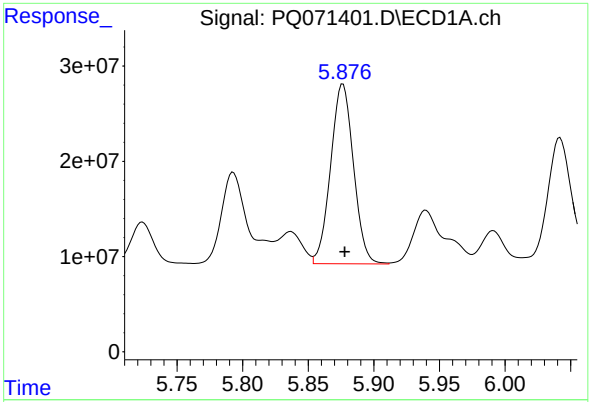
#27 AR-1254-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 172829407
Conc: 318.98 ng/ml



#27 AR-1254-2

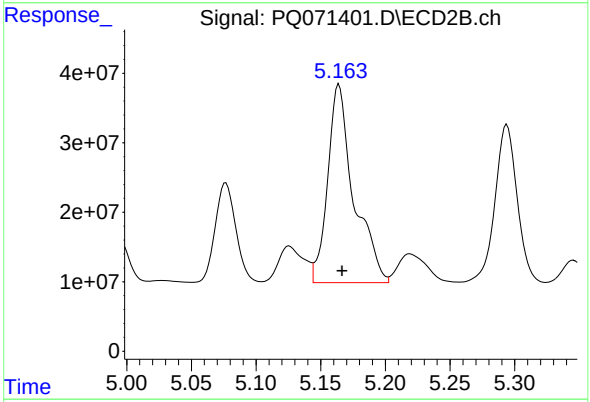
R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 181598151
Conc: 395.83 ng/ml



#28 AR-1254-3

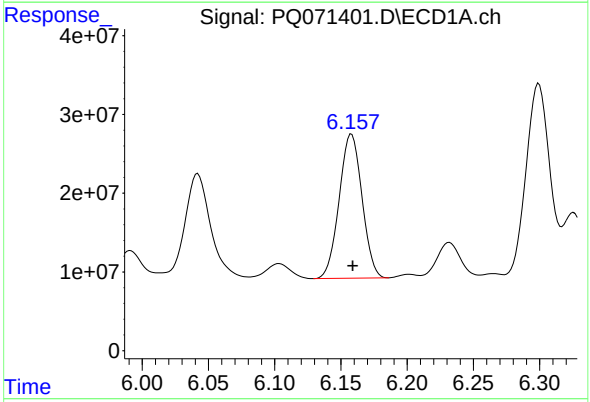
R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 229116345
Conc: 397.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF1



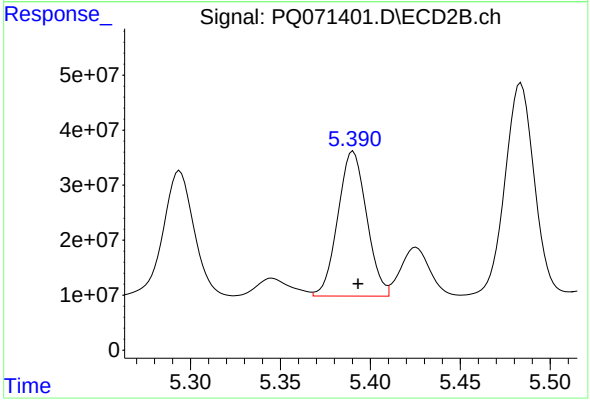
#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 400046588
Conc: 526.86 ng/ml



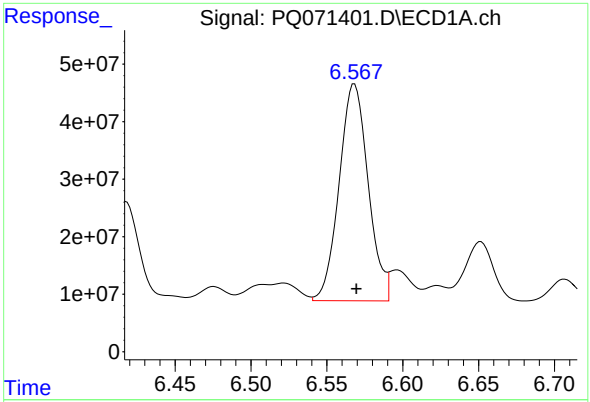
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 219530080
Conc: 519.61 ng/ml



#29 AR-1254-4

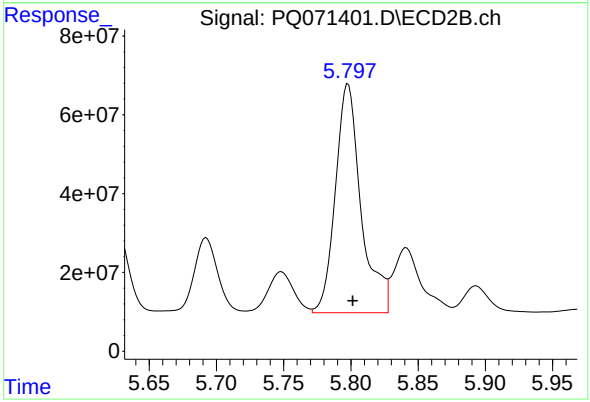
R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 292951864
Conc: 586.12 ng/ml



#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 502338438
Conc: 1092.91 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AF1



#30 AR-1254-5

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 769627466
Conc: 1111.81 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF2	SDG No.:	Q3672
Lab Sample ID:	Q3672-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.3
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	19.9	U	1	4.60	19.9	ug/kg	11/21/25 01:24	PB170653
11104-28-2	Aroclor-1221	19.9	U	1	4.70	19.9	ug/kg	11/21/25 01:24	PB170653
11141-16-5	Aroclor-1232	19.9	U	1	4.40	19.9	ug/kg	11/21/25 01:24	PB170653
53469-21-9	Aroclor-1242	19.9	U	1	4.70	19.9	ug/kg	11/21/25 01:24	PB170653
12672-29-6	Aroclor-1248	19.9	U	1	6.90	19.9	ug/kg	11/21/25 01:24	PB170653
11097-69-1	Aroclor-1254	19.9	U	1	3.80	19.9	ug/kg	11/21/25 01:24	PB170653
37324-23-5	Aroclor-1262	19.9	U	1	5.90	19.9	ug/kg	11/21/25 01:24	PB170653
11100-14-4	Aroclor-1268	19.9	U	1	4.20	19.9	ug/kg	11/21/25 01:24	PB170653
11096-82-5	Aroclor-1260	19.9	U	1	3.80	19.9	ug/kg	11/21/25 01:24	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.9			10 - 170	90%	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

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\PQ112025\
Data File : PQ071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:24
Operator : YP\AJ
Sample : Q3672-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:52:48 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	163.7E6	203.9E6	18.807	21.843
2)	SA Decachlor...	8.534	7.654	93233471	163.9E6	14.890	17.932
	Target Compounds						

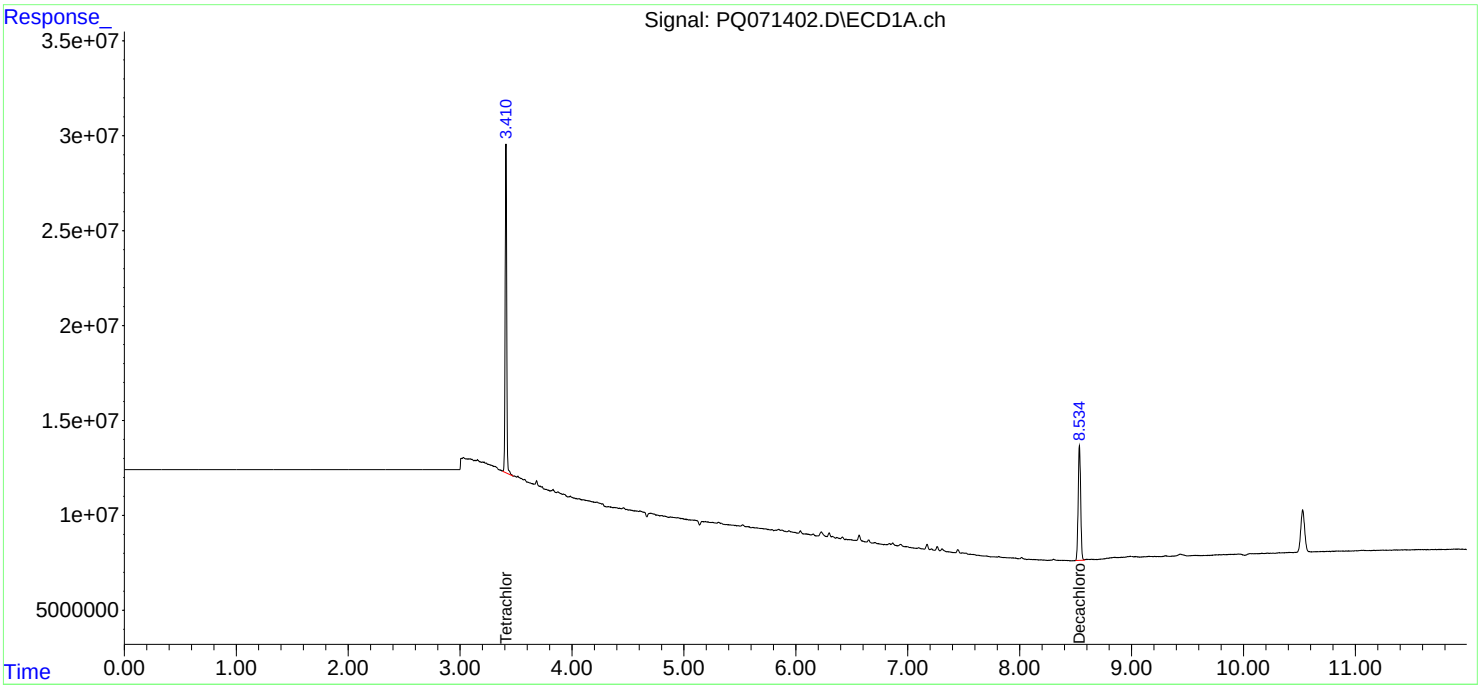
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

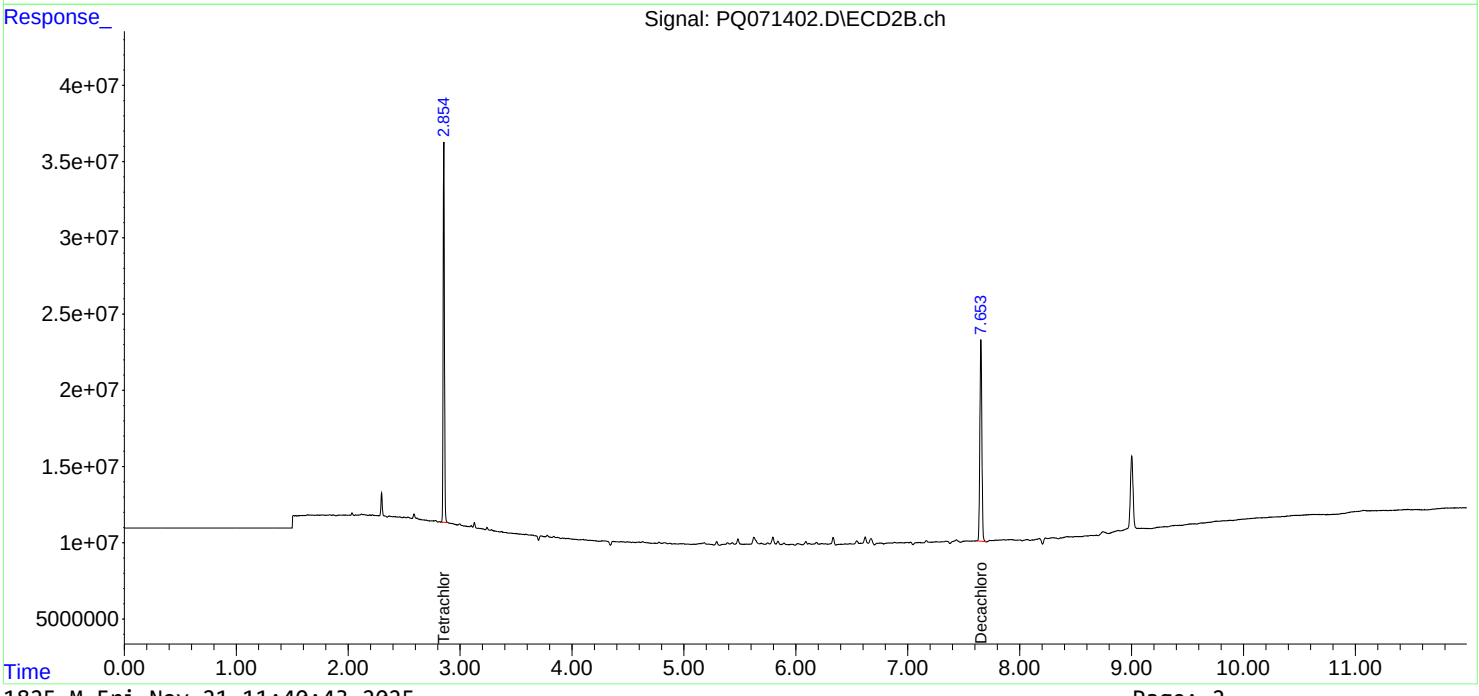
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:24
Operator : YP\AJ
Sample : Q3672-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

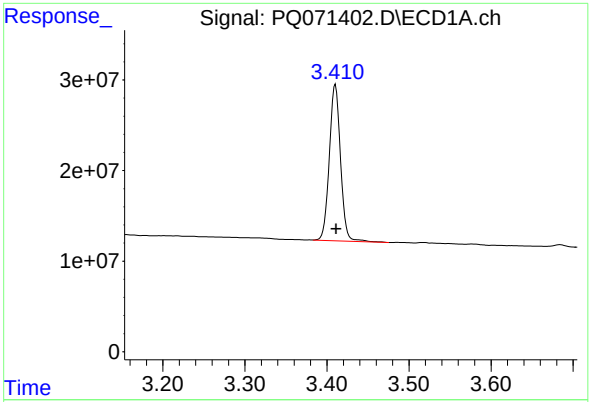
Instrument :
ECD_Q
ClientSampleId :
C0AF2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:52:48 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



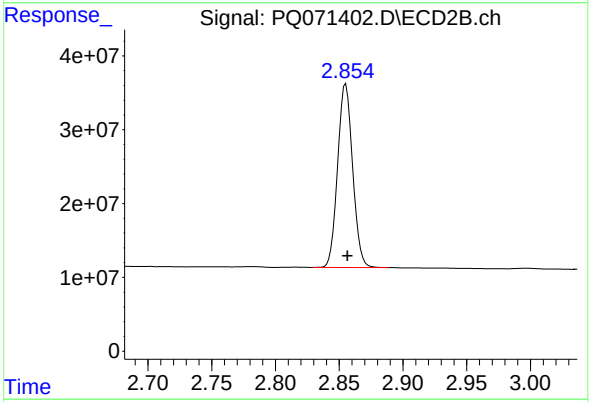




#1 Tetrachloro-m-xylene

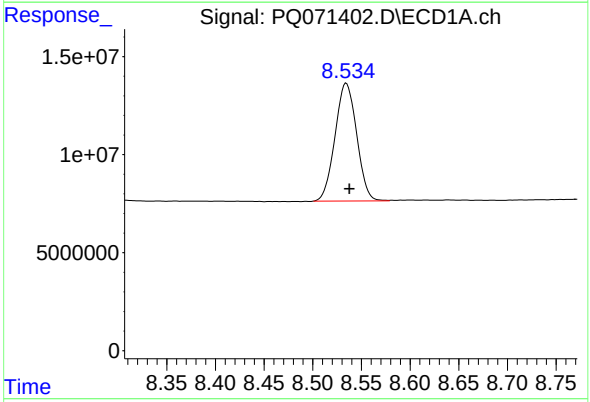
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 163716666
Conc: 18.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF2



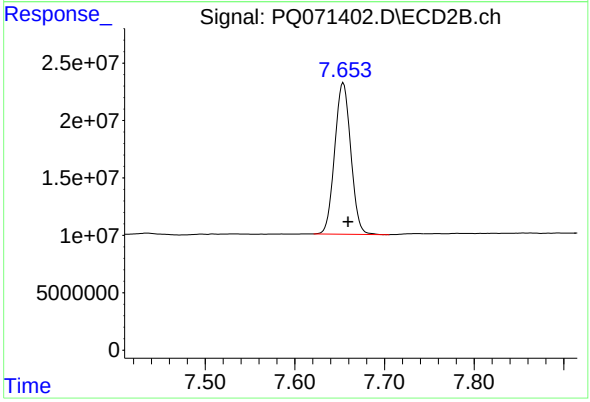
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 203938666
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 93233471
Conc: 14.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 163856111
Conc: 17.93 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF7	SDG No.:	Q3672
Lab Sample ID:	Q3672-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.4
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 01:39	PB170653
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 01:39	PB170653
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 01:39	PB170653
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 01:39	PB170653
12672-29-6	Aroclor-1248	151		1	7.10	20.3	ug/kg	11/21/25 01:39	PB170653
11097-69-1	Aroclor-1254	256		1	3.80	20.3	ug/kg	11/21/25 01:39	PB170653
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 01:39	PB170653
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 01:39	PB170653
11096-82-5	Aroclor-1260	294		1	3.90	20.3	ug/kg	11/21/25 01:39	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.6			21 - 165	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.1			10 - 170	96%	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

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\PQ112025\
Data File : PQ071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:39
Operator : YP\AJ
Sample : Q3672-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:04 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	167.3E6	211.0E6	19.222	22.597	
2)	SA Decachlor...	8.534	7.654	103.7E6	174.8E6	16.565	19.124	
	Target Compounds							
21)	L5 AR-1248-1	4.496	3.869	32310501	43620235	169.614	204.909	
22)	L5 AR-1248-2	4.760	4.095	89105396	119.2E6	366.256	419.722	
23)	L5 AR-1248-3	4.947	4.133	93534292	103.4E6	318.332	369.046	
24)	L5 AR-1248-4	5.311	4.292	188.0E6	127.9E6	715.184	369.258	#
25)	L5 AR-1248-5	5.337	4.670	108.5E6	163.1E6	320.639	467.771	#
26)	L6 AR-1254-1	5.311	4.631	188.0E6	284.9E6	541.243	531.654	
27)	L6 AR-1254-2	5.525	4.779	284.9E6	246.1E6	525.903	536.431	
28)	L6 AR-1254-3	5.876	5.164	256.5E6	355.7E6	445.437	468.428	
29)	L6 AR-1254-4	6.158	5.390	208.5E6	272.6E6	493.555	545.313	
30)	L6 AR-1254-5	6.568	5.797	535.1E6	779.1E6	1164.092	1125.499	
31)	L7 AR-1260-1	6.041	5.294	307.0E6	445.9E6	685.967	893.781	#
32)	L7 AR-1260-2	6.299	5.483	375.5E6	512.1E6	734.881	844.594	
33)	L7 AR-1260-3	6.651	5.626	212.5E6	444.2E6	555.278	751.293	#
34)	L7 AR-1260-4	6.866	6.090	238.9E6	299.1E6	571.261	603.800	
35)	L7 AR-1260-5	7.173	6.334	434.0E6	681.5E6	521.463	593.526	

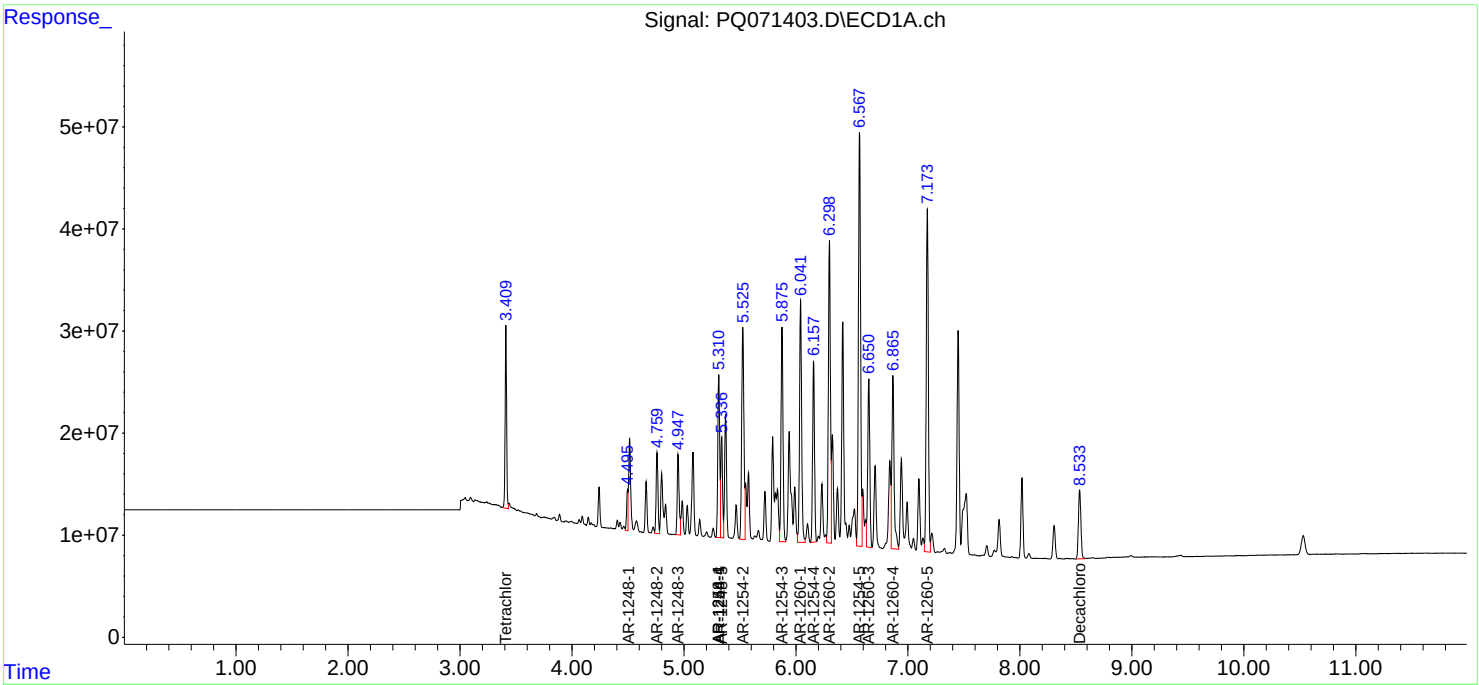
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

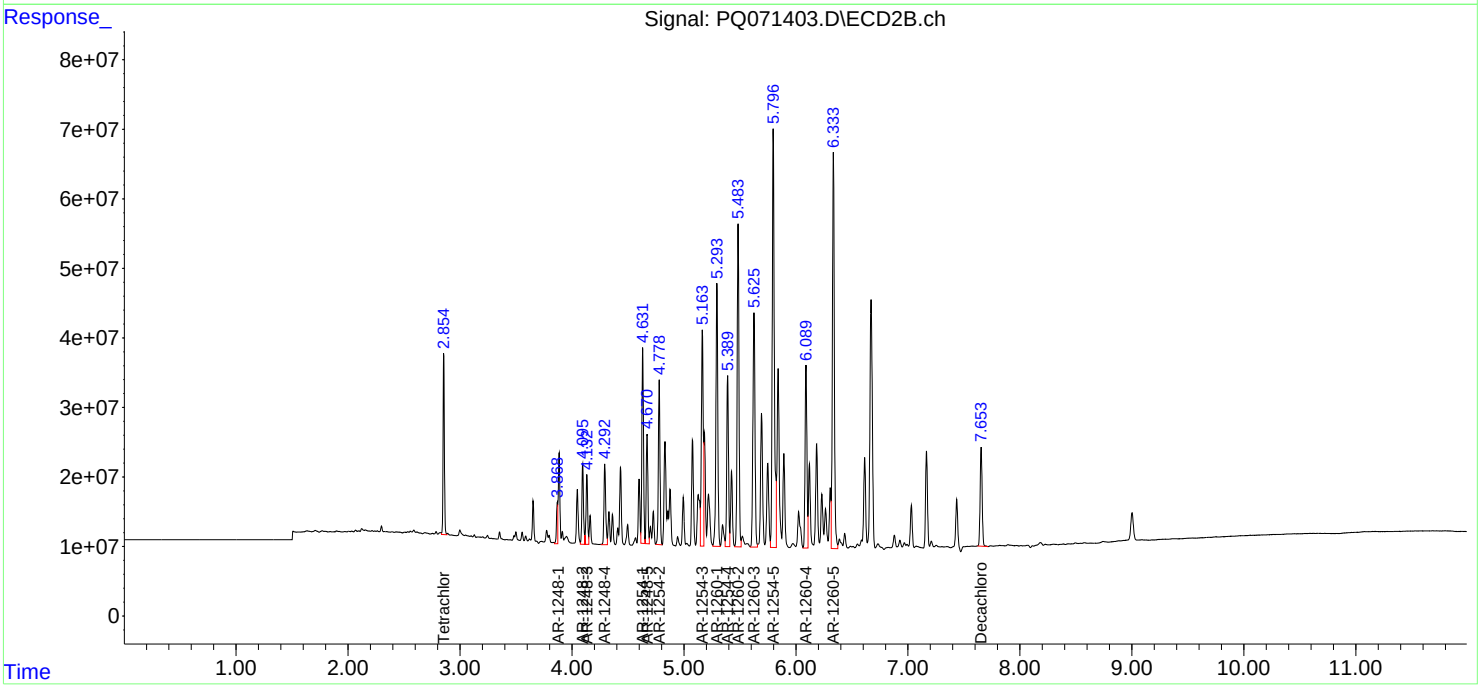
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:39
Operator : YP\AJ
Sample : Q3672-10
Misc :
ALS Vial : 35 Sample Multiplier: 1

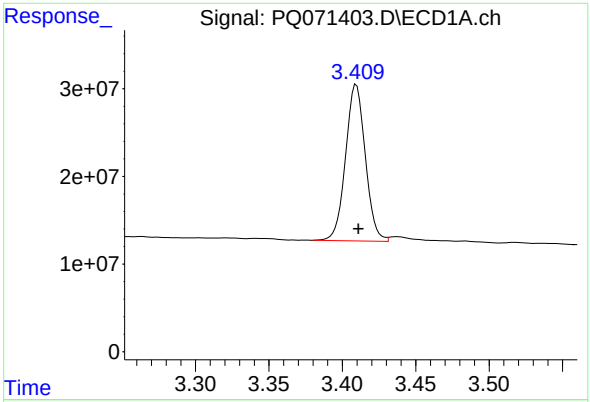
Instrument :
ECD_Q
ClientSampleId :
C0AF7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:04 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



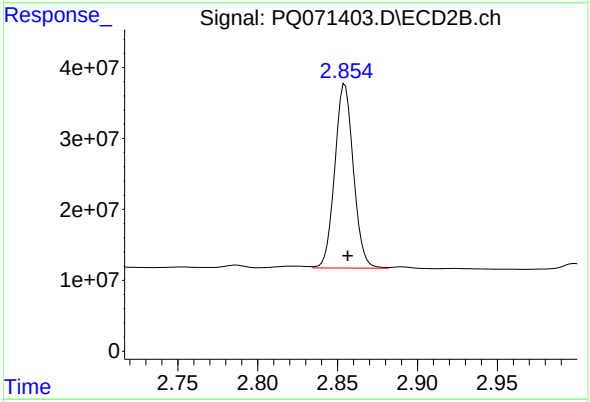




#1 Tetrachloro-m-xylene

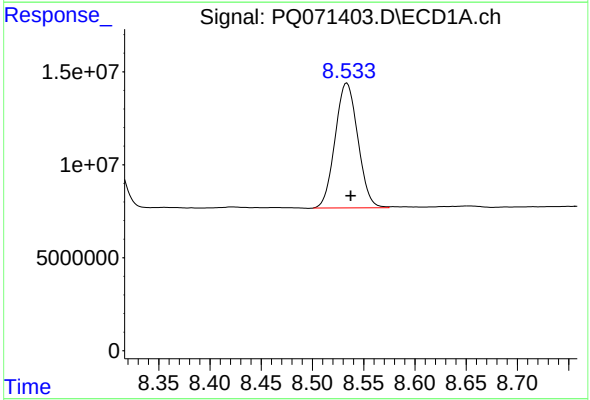
R.T.: 3.410 min
Delta R.T.: -0.002 min
Response: 167330876
Conc: 19.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



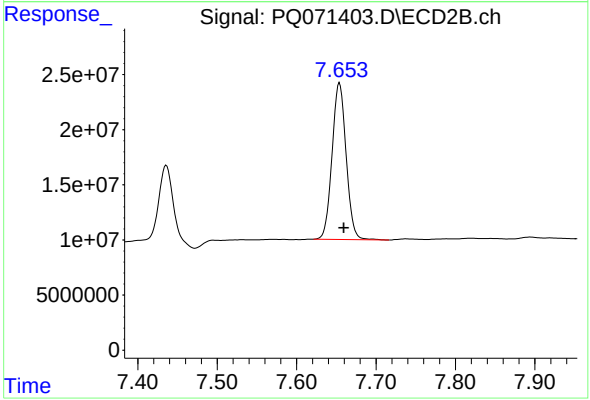
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 210983052
Conc: 22.60 ng/ml



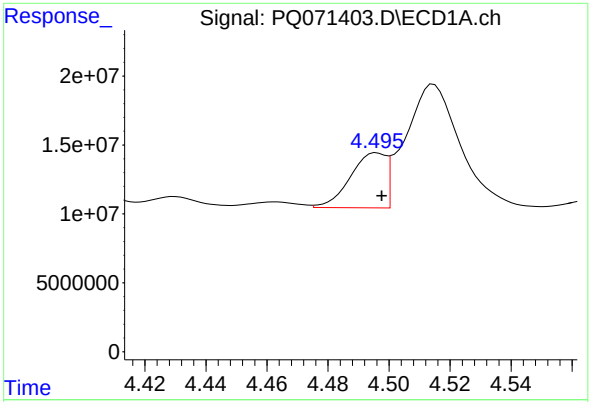
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 103723875
Conc: 16.57 ng/ml



#2 Decachlorobiphenyl

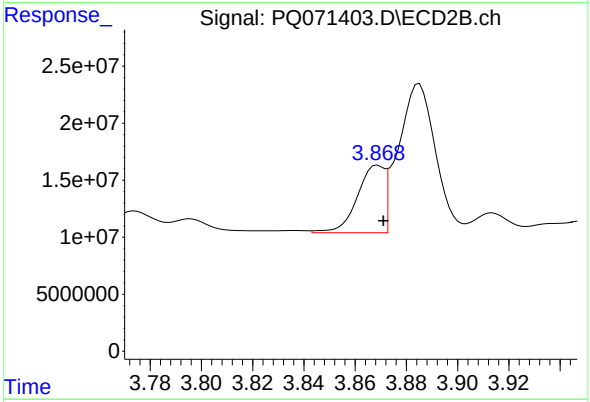
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 174751608
Conc: 19.12 ng/ml



#21 AR-1248-1

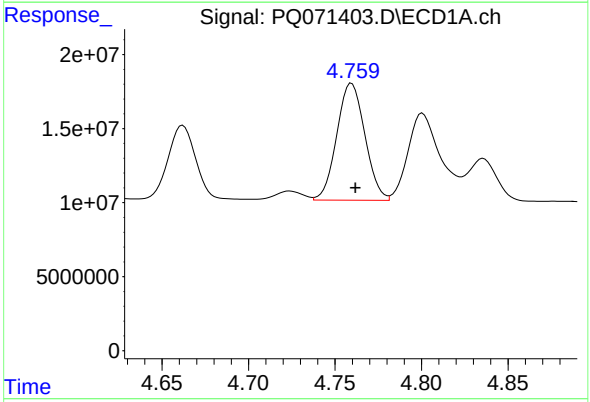
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 32310501
Conc: 169.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



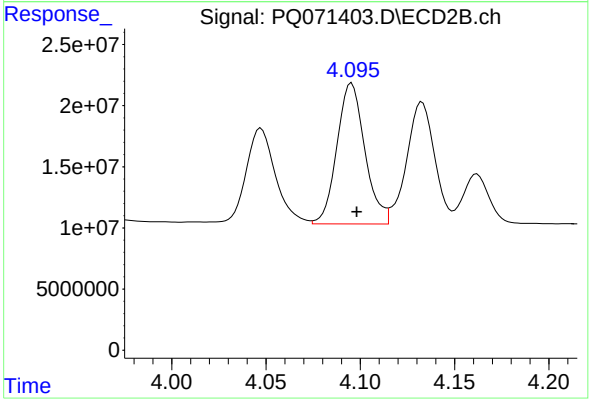
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 43620235
Conc: 204.91 ng/ml



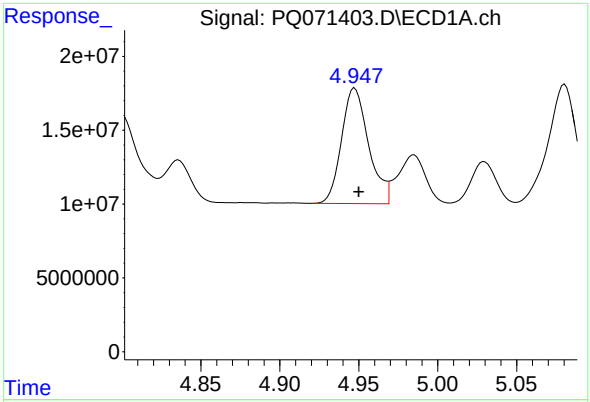
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 89105396
Conc: 366.26 ng/ml



#22 AR-1248-2

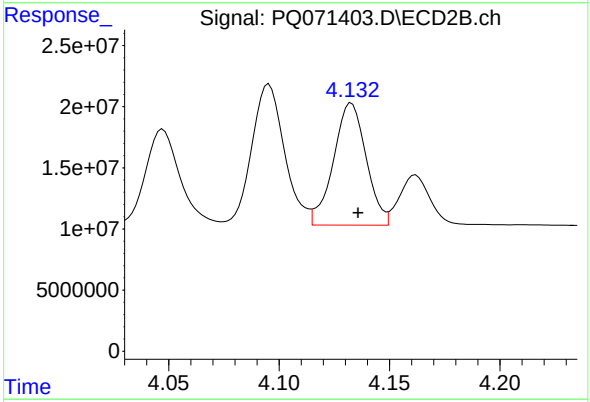
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 119208393
Conc: 419.72 ng/ml



#23 AR-1248-3

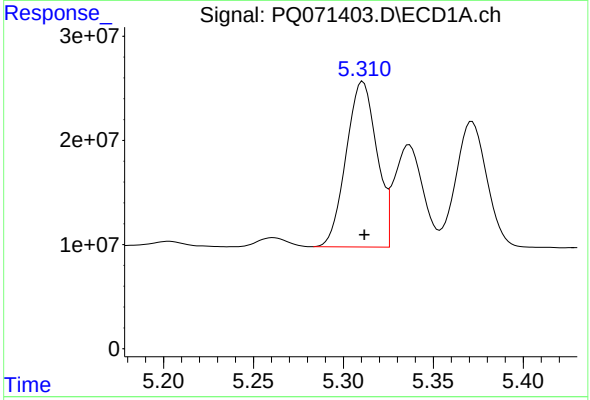
R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 93534292
Conc: 318.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



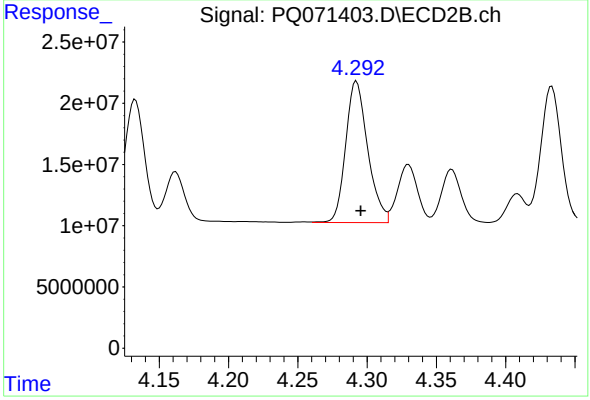
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 103374452
Conc: 369.05 ng/ml



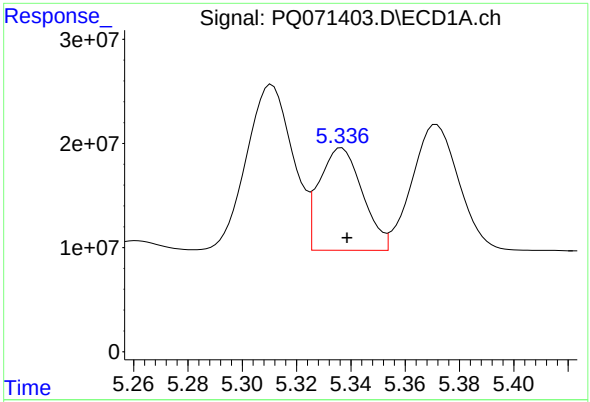
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 188006316
Conc: 715.18 ng/ml



#24 AR-1248-4

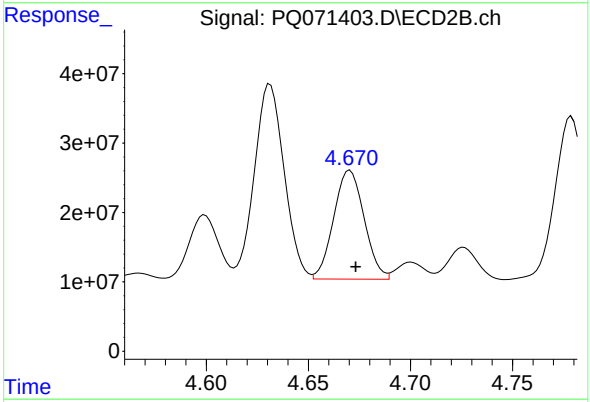
R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 127904948
Conc: 369.26 ng/ml



#25 AR-1248-5

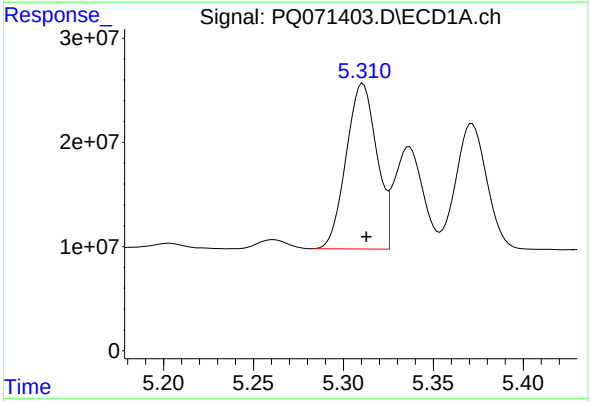
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 108487025
Conc: 320.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



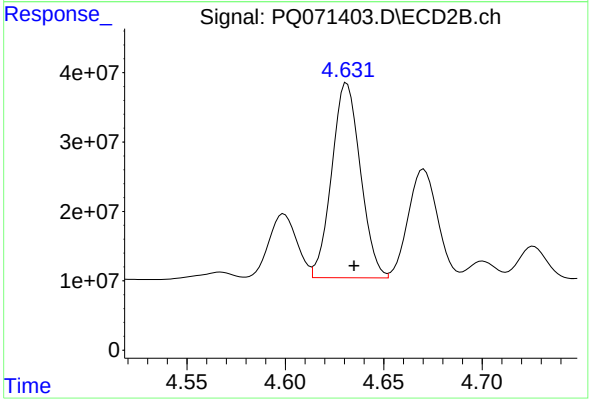
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 163082666
Conc: 467.77 ng/ml



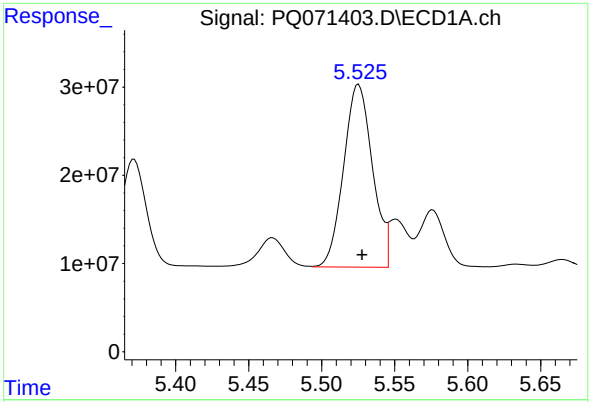
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 188006316
Conc: 541.24 ng/ml



#26 AR-1254-1

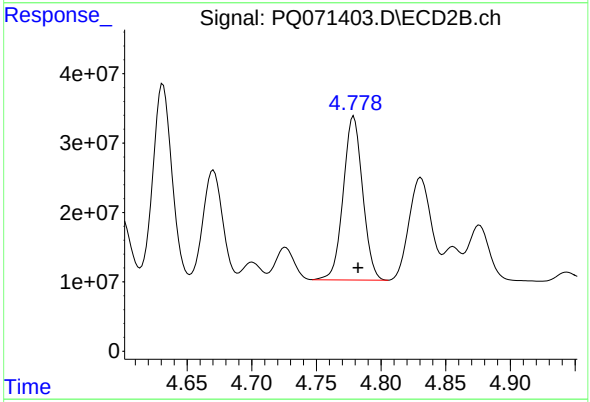
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 284896822
Conc: 531.65 ng/ml



#27 AR-1254-2

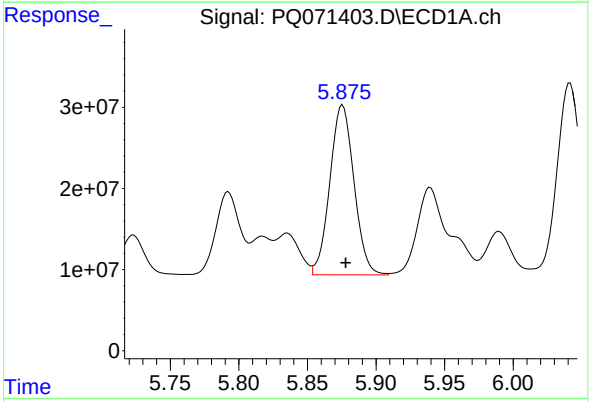
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 284946388
Conc: 525.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



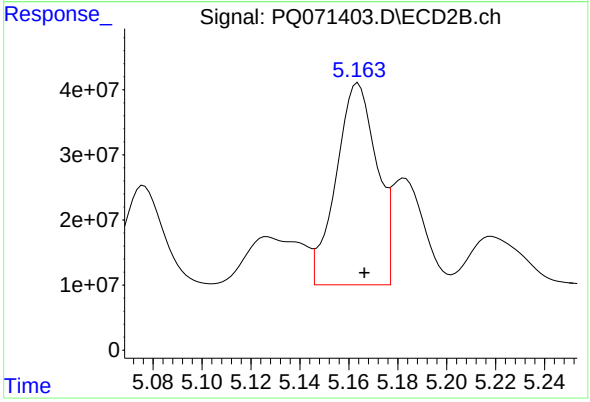
#27 AR-1254-2

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 246104719
Conc: 536.43 ng/ml



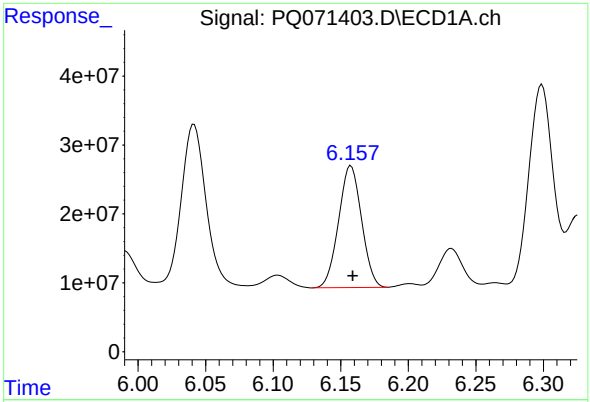
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 256496274
Conc: 445.44 ng/ml



#28 AR-1254-3

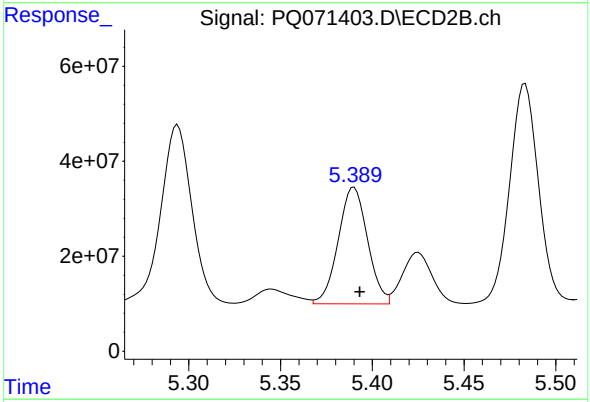
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 355676981
Conc: 468.43 ng/ml



#29 AR-1254-4

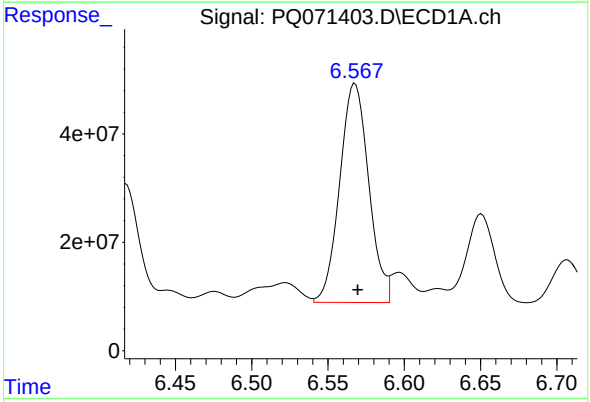
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 208522039
Conc: 493.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



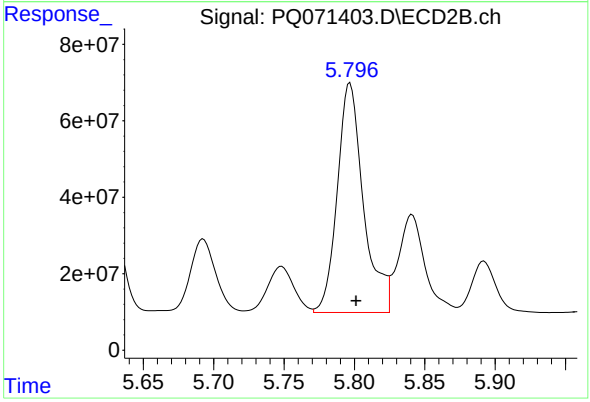
#29 AR-1254-4

R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 272556868
Conc: 545.31 ng/ml



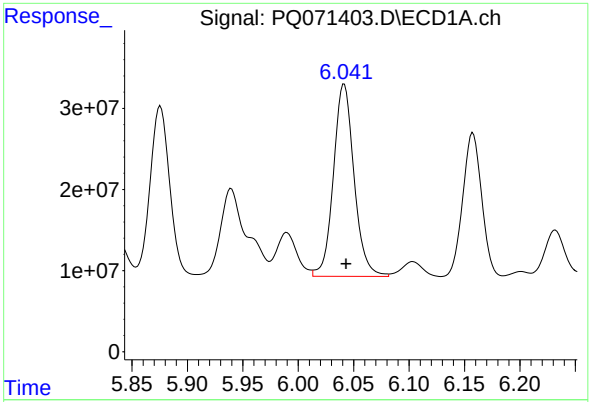
#30 AR-1254-5

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 535054029
Conc: 1164.09 ng/ml



#30 AR-1254-5

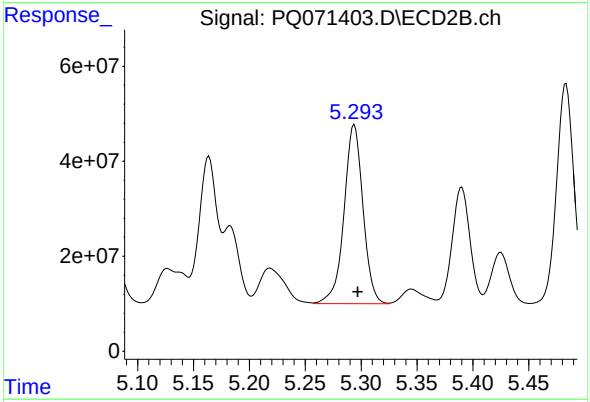
R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 779104289
Conc: 1125.50 ng/ml



#31 AR-1260-1

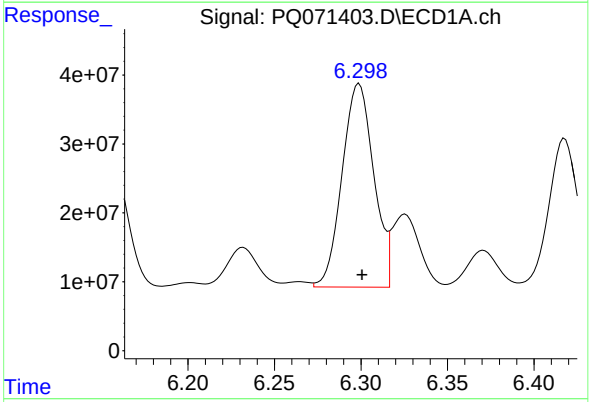
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 306968337
Conc: 685.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



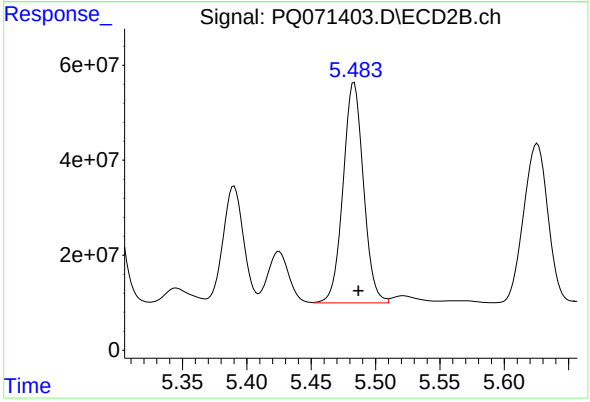
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 445931517
Conc: 893.78 ng/ml



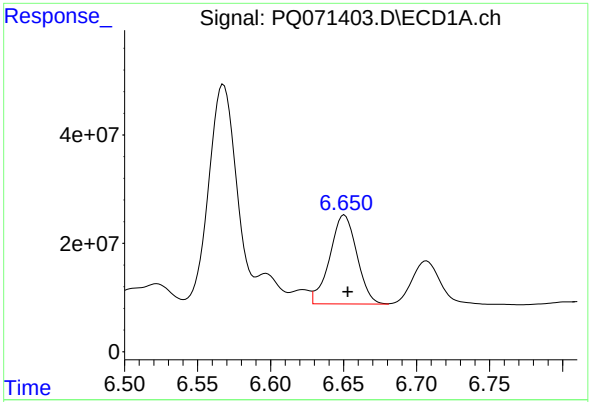
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 375460704
Conc: 734.88 ng/ml



#32 AR-1260-2

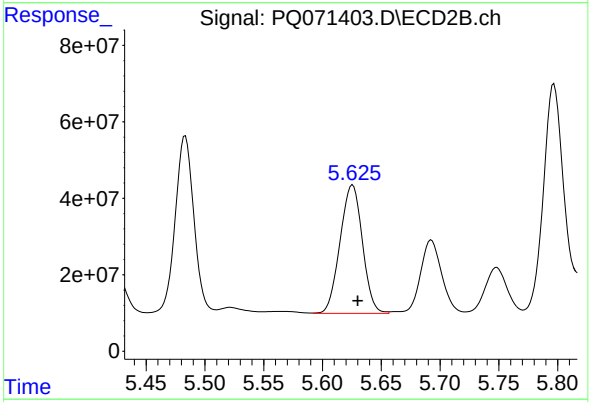
R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 512141413
Conc: 844.59 ng/ml



#33 AR-1260-3

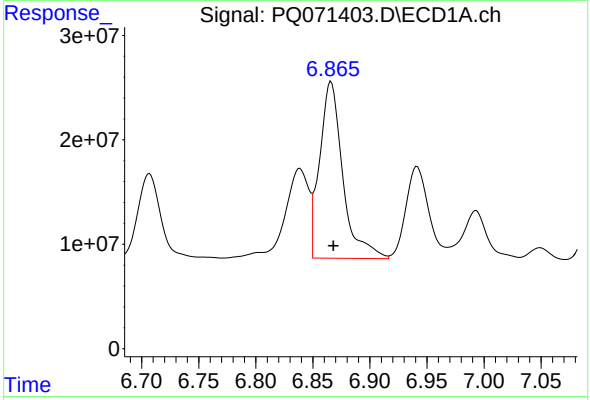
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 212523776
Conc: 555.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



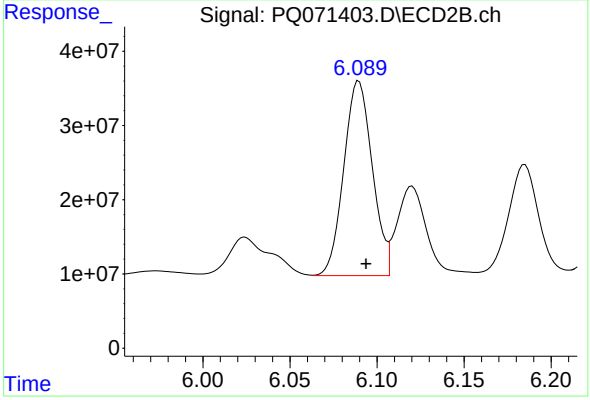
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 444152573
Conc: 751.29 ng/ml



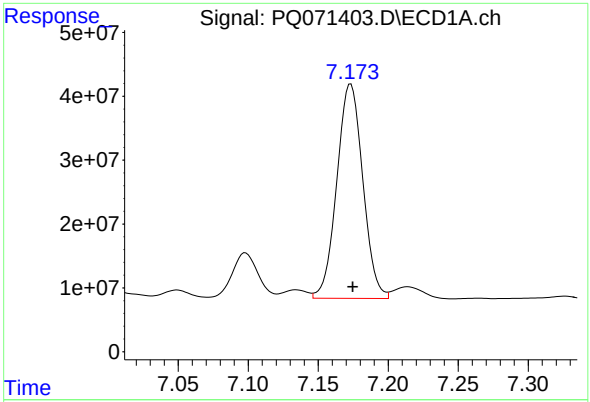
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 238869860
Conc: 571.26 ng/ml



#34 AR-1260-4

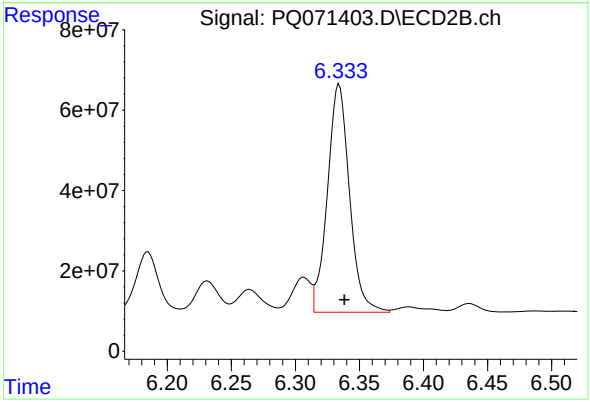
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 299109628
Conc: 603.80 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 433981472
Conc: 521.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF7



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 681537121
Conc: 593.53 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF8	SDG No.:	Q3672
Lab Sample ID:	Q3672-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 01:53	PB170653
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 01:53	PB170653
11141-16-5	Aroclor-1232	20.3	U	1	4.40	20.3	ug/kg	11/21/25 01:53	PB170653
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 01:53	PB170653
12672-29-6	Aroclor-1248	268		1	7.10	20.3	ug/kg	11/21/25 01:53	PB170653
11097-69-1	Aroclor-1254	331		1	3.80	20.3	ug/kg	11/21/25 01:53	PB170653
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 01:53	PB170653
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 01:53	PB170653
11096-82-5	Aroclor-1260	406	E	1	3.80	20.3	ug/kg	11/21/25 01:53	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.6			21 - 165	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			10 - 170	88%	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:53
Operator : YP\AJ
Sample : Q3672-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:20 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	166.3E6	211.2E6	19.102	22.616	
2)	SA Decachlor...	8.534	7.654	93809437	160.2E6	14.982	17.531	
	Target Compounds							
21)	L5 AR-1248-1	4.497	3.869	94433487	124.2E6	495.729	583.404	
22)	L5 AR-1248-2	4.760	4.095	143.4E6	194.5E6	589.366	684.939	
23)	L5 AR-1248-3	4.949	4.133	168.3E6	181.4E6	572.732	647.424	
24)	L5 AR-1248-4	5.311	4.293	272.2E6	231.8E6	1035.319	669.303	#
25)	L5 AR-1248-5	5.337	4.670	179.8E6	275.1E6	531.492	789.031	#
26)	L6 AR-1254-1	5.311	4.632	272.2E6	435.5E6	783.518	812.619	
27)	L6 AR-1254-2	5.525	4.779	398.3E6	330.4E6	735.138	720.112	
28)	L6 AR-1254-3	5.876	5.163	323.7E6	464.5E6	562.115	611.738	
29)	L6 AR-1254-4	6.158	5.390	232.4E6	311.8E6	550.154	623.900	
30)	L6 AR-1254-5	6.567	5.797	638.8E6	972.6E6	1389.904	1405.041	
31)	L7 AR-1260-1	6.042	5.293	378.8E6	584.7E6	846.570	1172.000	#
32)	L7 AR-1260-2	6.299	5.483	462.5E6	662.1E6	905.265	1091.822	
33)	L7 AR-1260-3	6.651	5.625	282.6E6	613.9E6	738.288	1038.423	#
34)	L7 AR-1260-4	6.866	6.090	323.3E6	448.2E6	773.145	904.843	
35)	L7 AR-1260-5	7.172	6.334	625.1E6	1039.3E6	751.166	905.099	

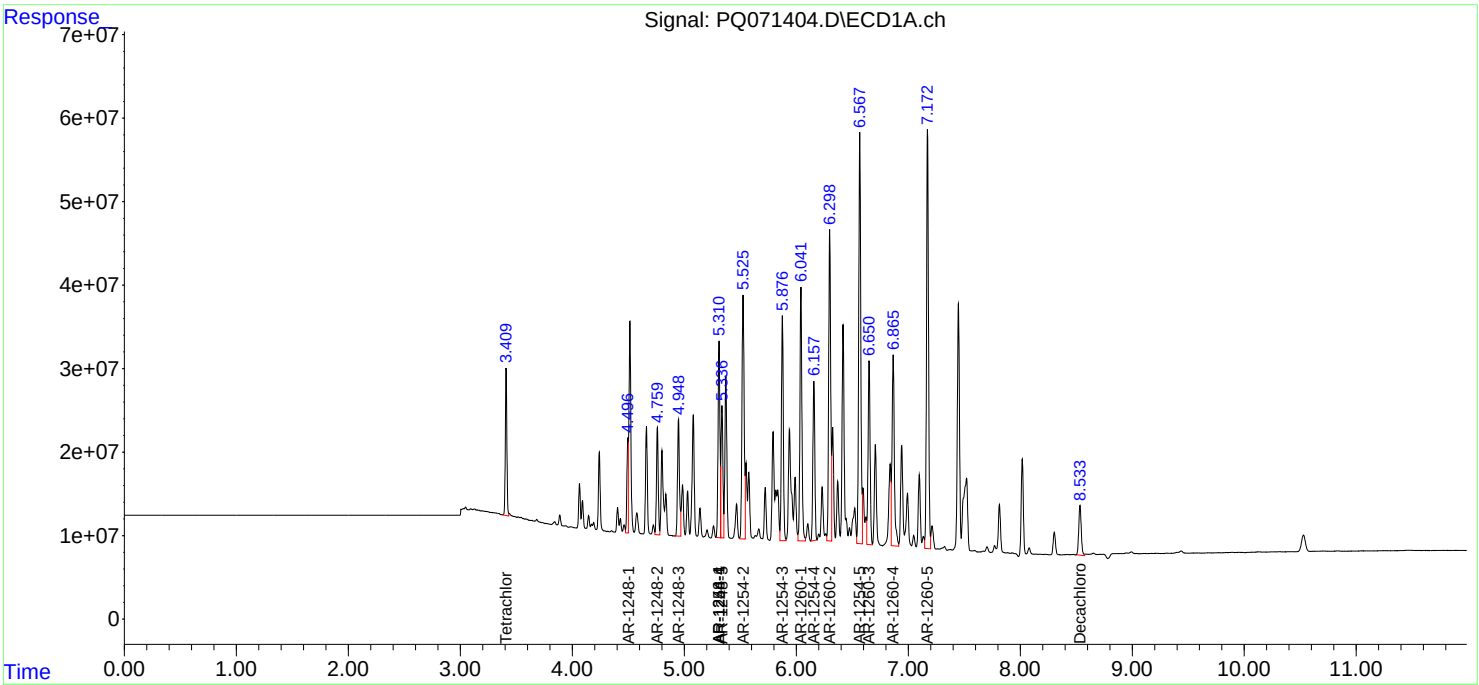
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

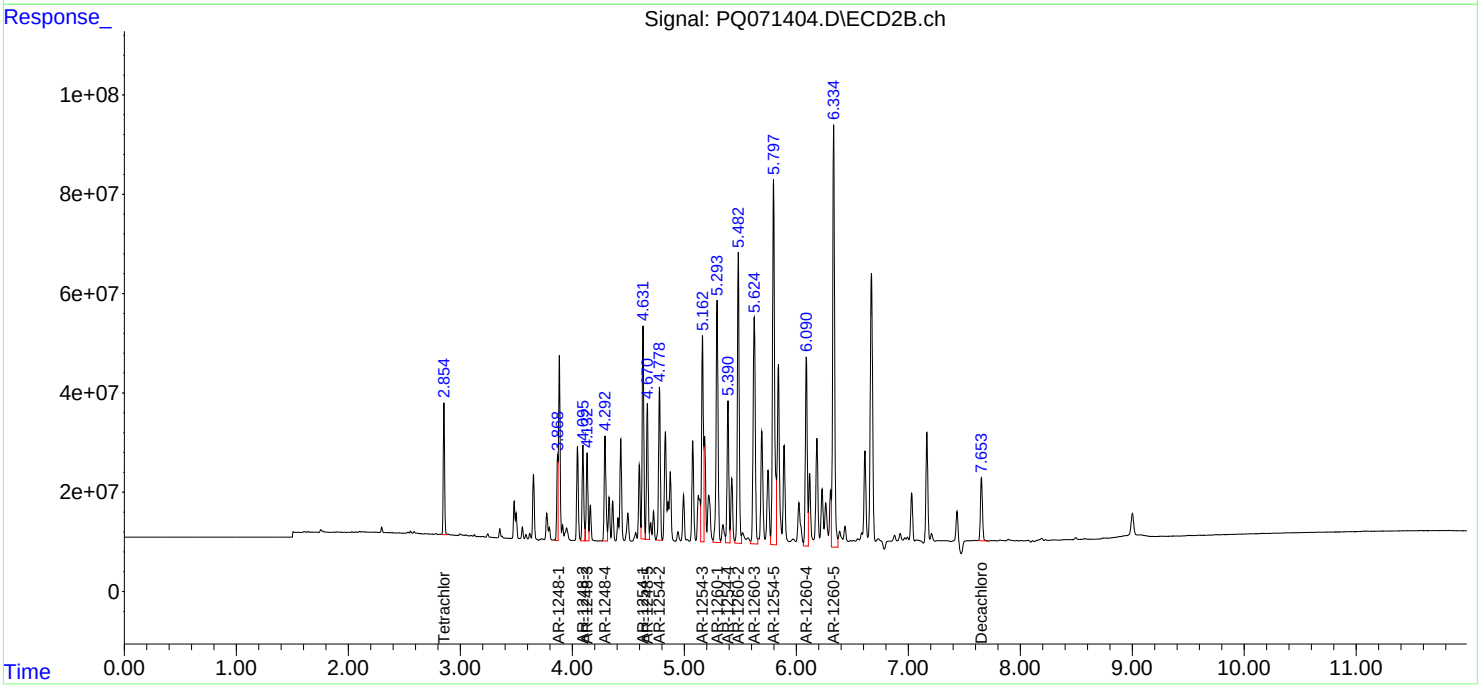
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 01:53
Operator : YP\AJ
Sample : Q3672-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

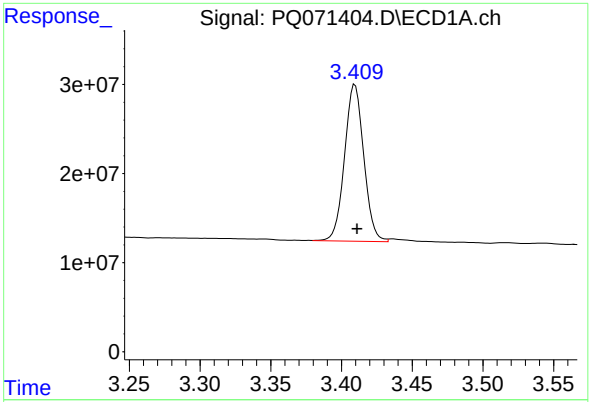
Instrument :
ECD_Q
ClientSampleId :
C0AF8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:20 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



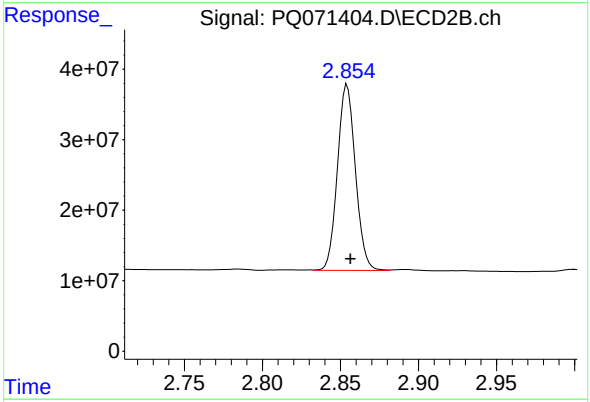




#1 Tetrachloro-m-xylene

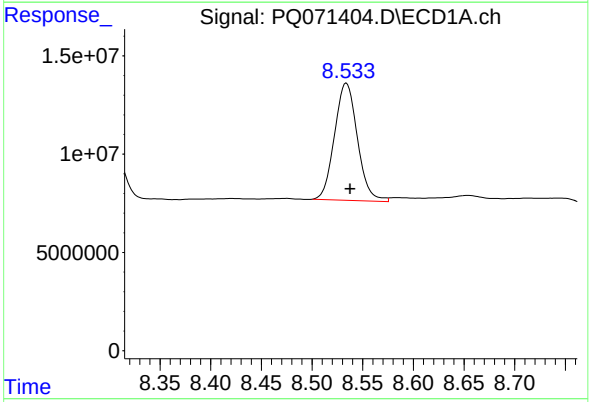
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 166282625
Conc: 19.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



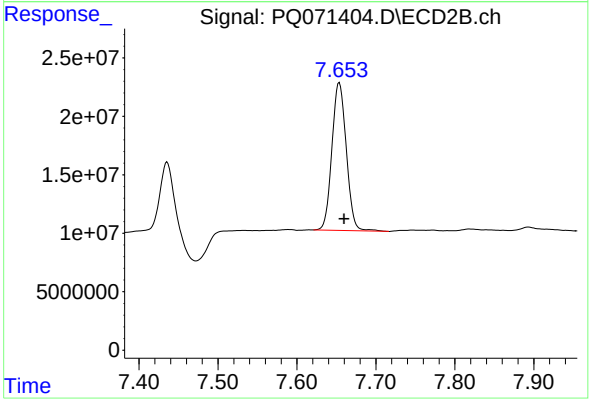
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 211156848
Conc: 22.62 ng/ml



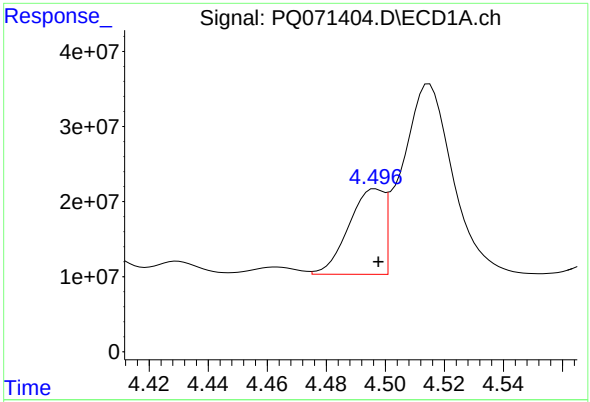
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 93809437
Conc: 14.98 ng/ml



#2 Decachlorobiphenyl

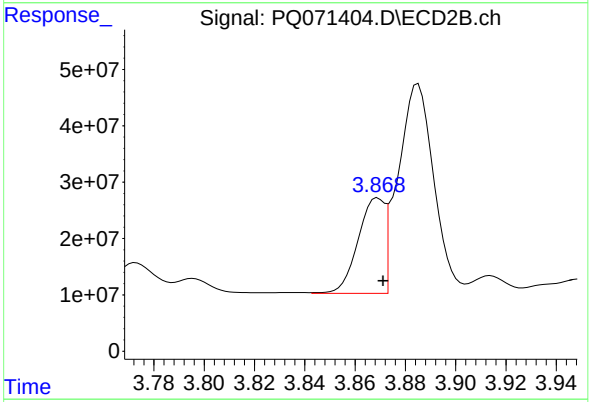
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 160189781
Conc: 17.53 ng/ml



#21 AR-1248-1

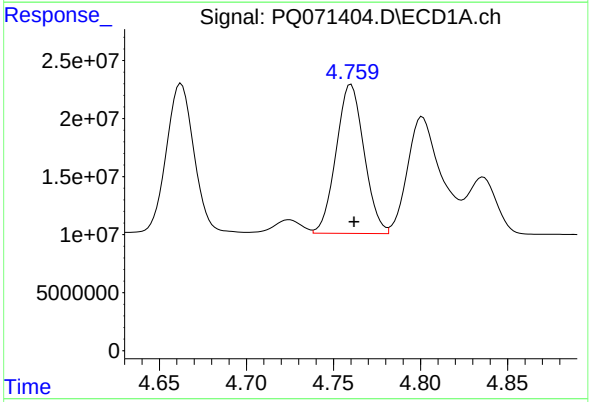
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 94433487
Conc: 495.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



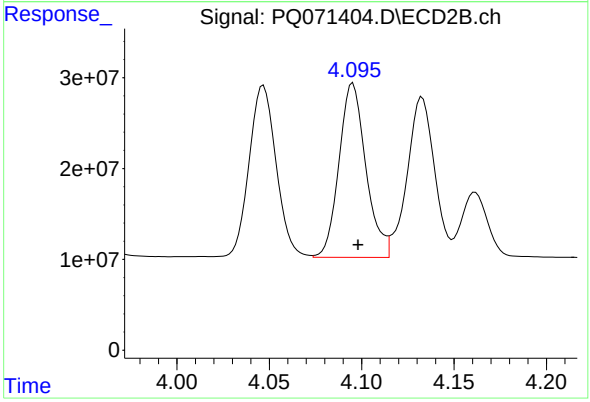
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 124192908
Conc: 583.40 ng/ml



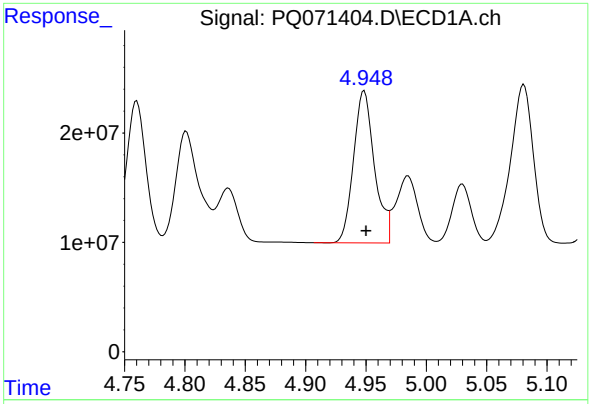
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 143385131
Conc: 589.37 ng/ml



#22 AR-1248-2

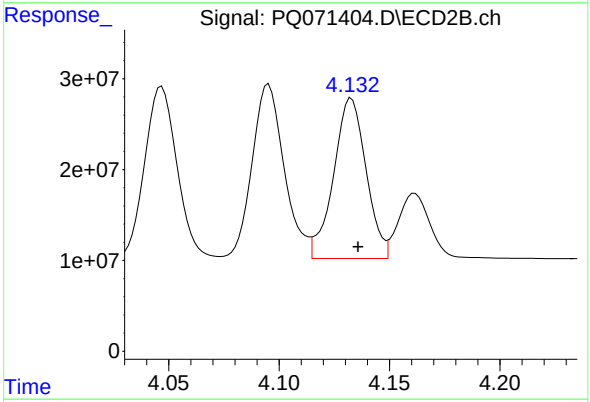
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 194534479
Conc: 684.94 ng/ml



#23 AR-1248-3

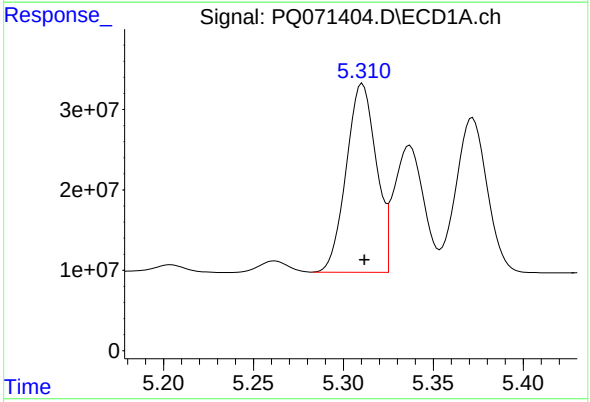
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 168283524
Conc: 572.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



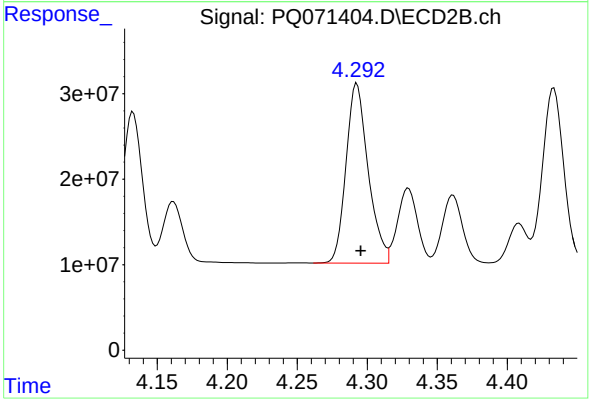
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 181351643
Conc: 647.42 ng/ml



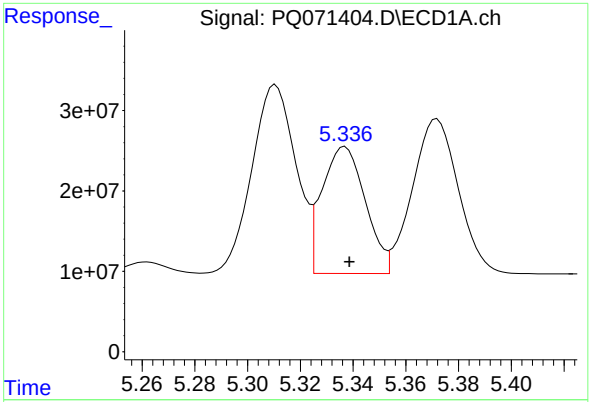
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 272162805
Conc: 1035.32 ng/ml



#24 AR-1248-4

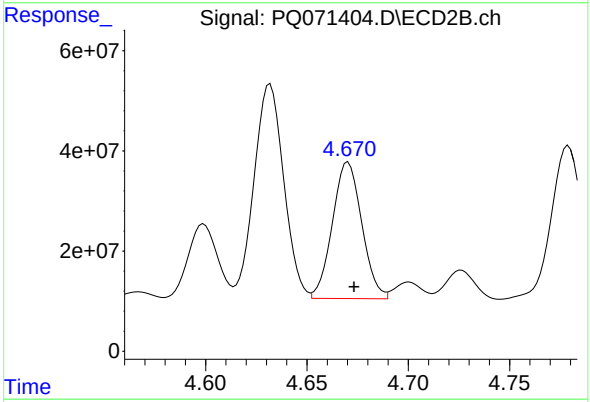
R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 231836068
Conc: 669.30 ng/ml



#25 AR-1248-5

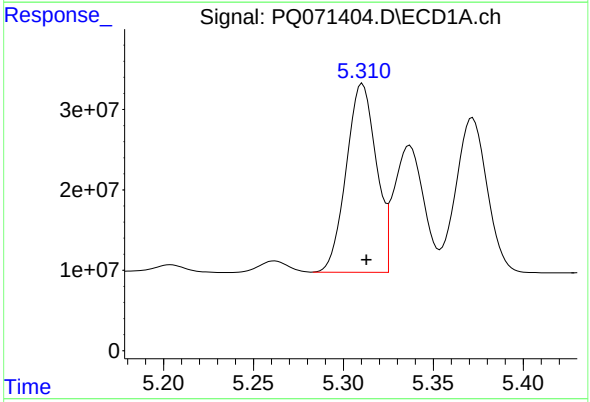
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 179828289
Conc: 531.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



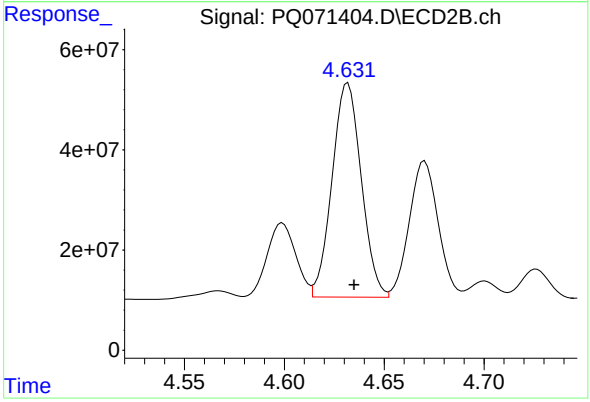
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 275086216
Conc: 789.03 ng/ml



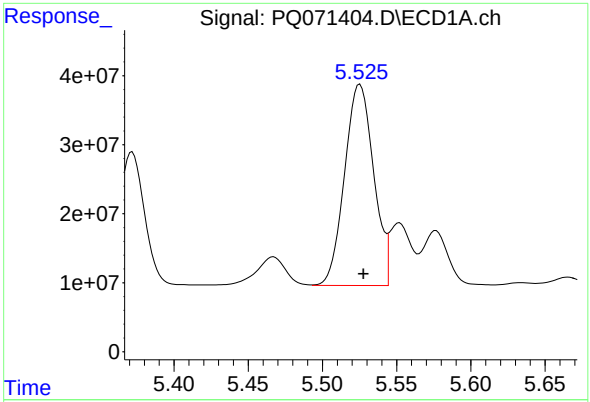
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 272162805
Conc: 783.52 ng/ml



#26 AR-1254-1

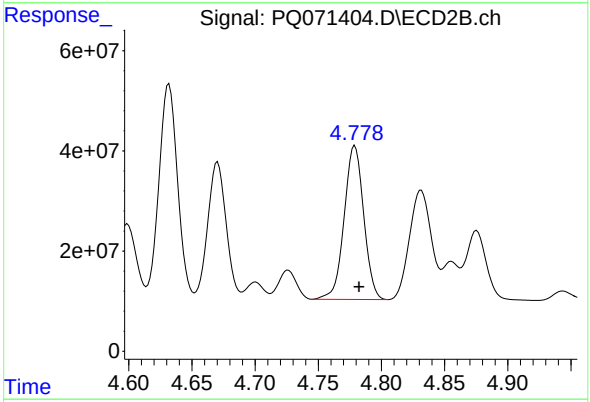
R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 435457158
Conc: 812.62 ng/ml



#27 AR-1254-2

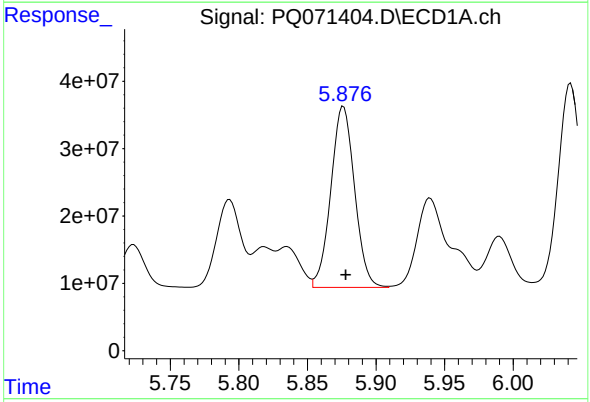
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 398314774
Conc: 735.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



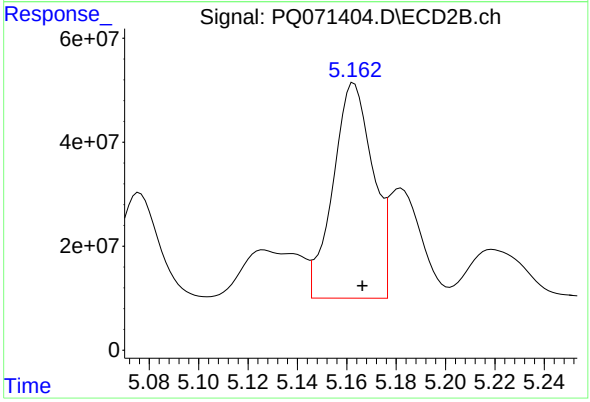
#27 AR-1254-2

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 330373888
Conc: 720.11 ng/ml



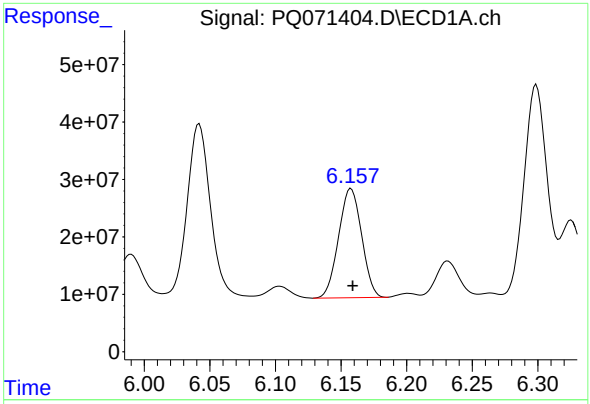
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 323682640
Conc: 562.11 ng/ml



#28 AR-1254-3

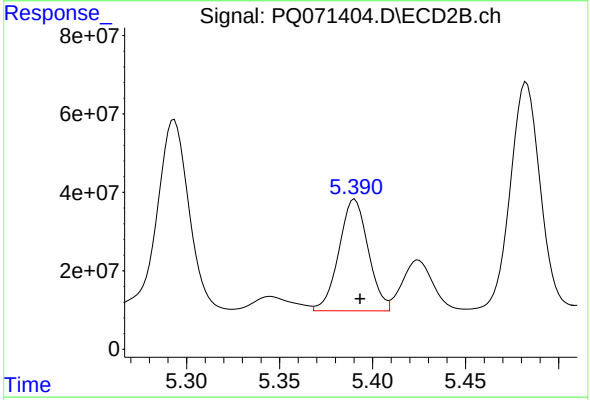
R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 464492281
Conc: 611.74 ng/ml



#29 AR-1254-4

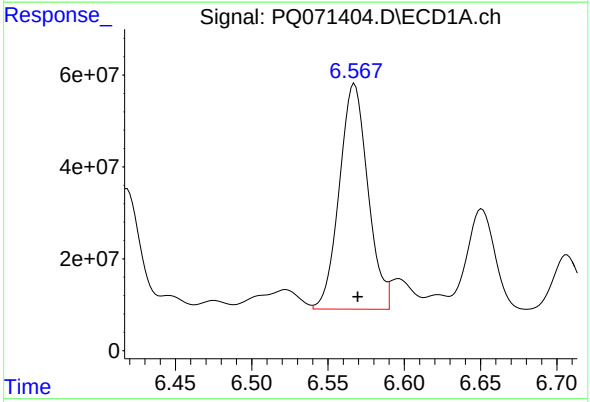
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 232434633
Conc: 550.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



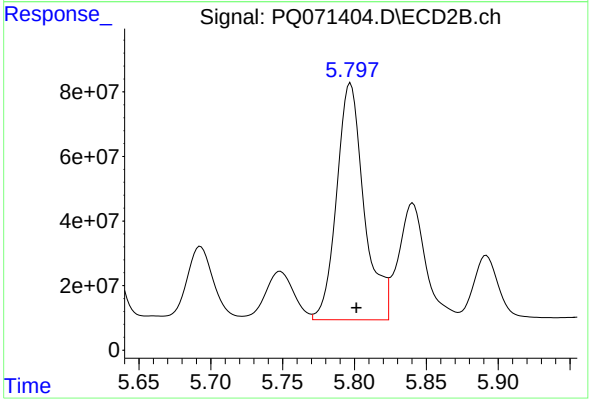
#29 AR-1254-4

R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 311836147
Conc: 623.90 ng/ml



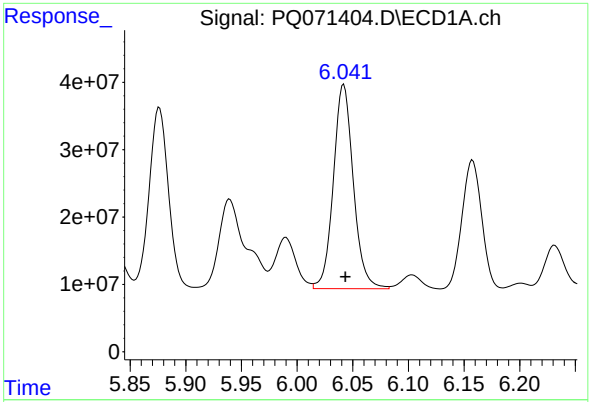
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 638844705
Conc: 1389.90 ng/ml



#30 AR-1254-5

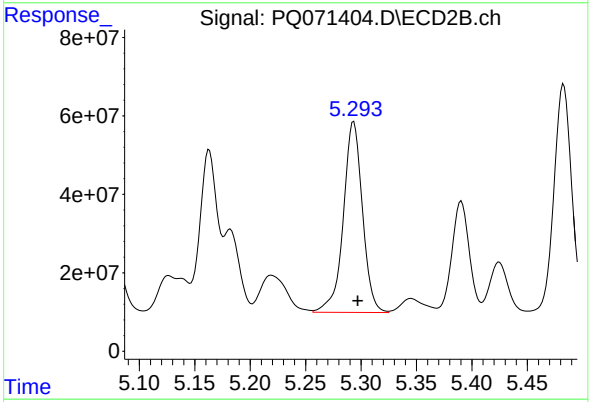
R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 972611462
Conc: 1405.04 ng/ml



#31 AR-1260-1

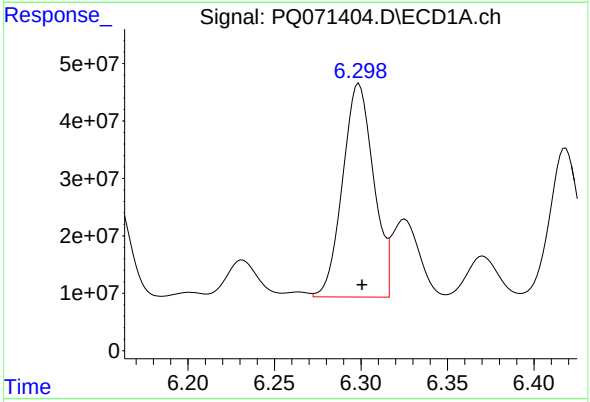
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 378837507
Conc: 846.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



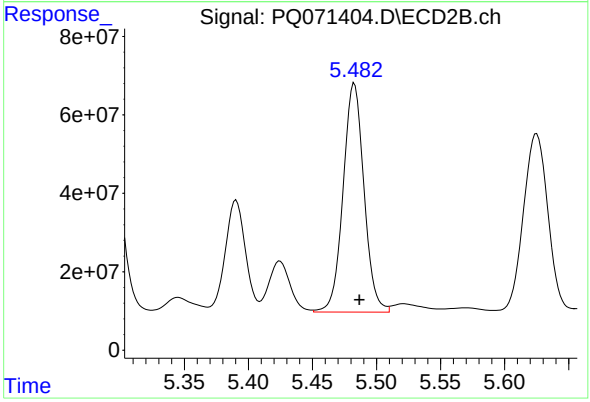
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 584742131
Conc: 1172.00 ng/ml



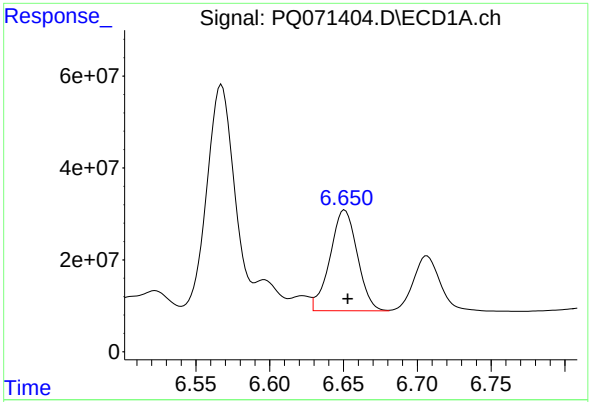
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 462512254
Conc: 905.26 ng/ml



#32 AR-1260-2

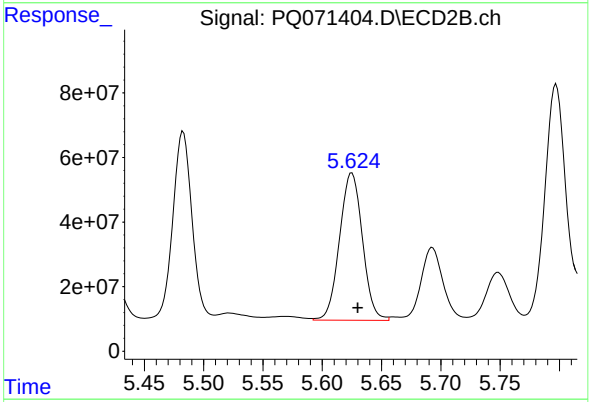
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 662054352
Conc: 1091.82 ng/ml



#33 AR-1260-3

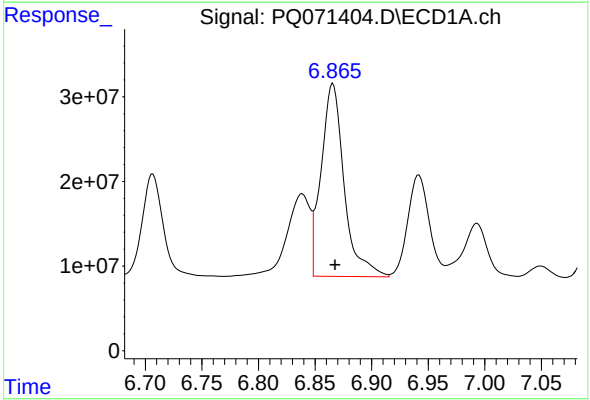
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 282567612
Conc: 738.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



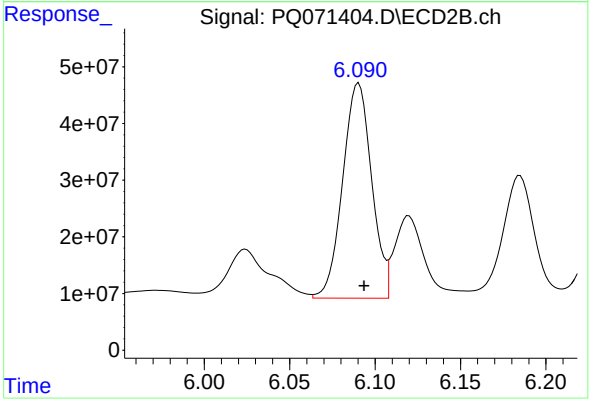
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 613898998
Conc: 1038.42 ng/ml



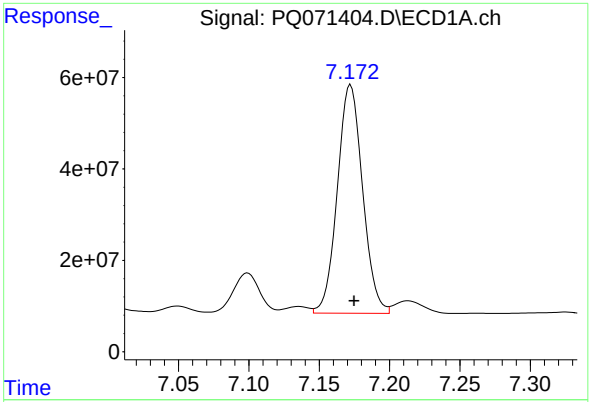
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 323286503
Conc: 773.15 ng/ml



#34 AR-1260-4

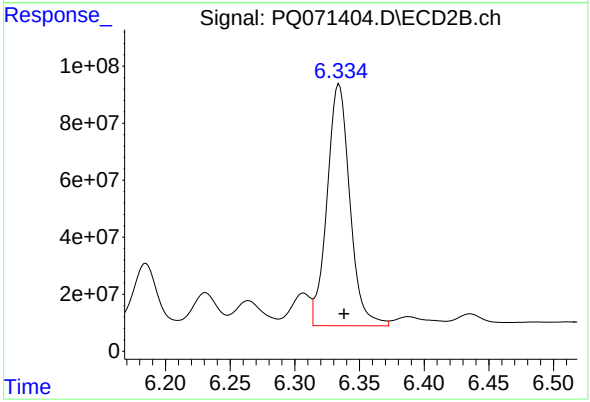
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 448240066
Conc: 904.84 ng/ml



#35 AR-1260-5

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 625148570
Conc: 751.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 1039312044
Conc: 905.10 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF8DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-11DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.8
Sample Wt/Vol:	30.05 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	40.5	UD	2	9.40	40.5	ug/kg	11/21/25 11:26	PB170653
11104-28-2	Aroclor-1221	40.5	UD	2	9.60	40.5	ug/kg	11/21/25 11:26	PB170653
11141-16-5	Aroclor-1232	40.5	UD	2	8.90	40.5	ug/kg	11/21/25 11:26	PB170653
53469-21-9	Aroclor-1242	40.5	UD	2	9.60	40.5	ug/kg	11/21/25 11:26	PB170653
12672-29-6	Aroclor-1248	273	D	2	14.1	40.5	ug/kg	11/21/25 11:26	PB170653
11097-69-1	Aroclor-1254	333	D	2	7.60	40.5	ug/kg	11/21/25 11:26	PB170653
37324-23-5	Aroclor-1262	40.5	UD	2	12.0	40.5	ug/kg	11/21/25 11:26	PB170653
11100-14-4	Aroclor-1268	40.5	UD	2	8.60	40.5	ug/kg	11/21/25 11:26	PB170653
11096-82-5	Aroclor-1260	408	D	2	7.70	40.5	ug/kg	11/21/25 11:26	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.4			21 - 165	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.1			10 - 170	91%	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

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 : PQ071424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:26
Operator : YP\AJ
Sample : Q3672-11DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:43 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	83313451	104.8E6	9.571	11.222	
2)	SA Decachlor...	8.537	7.653	46384536	82671813	7.408	9.047	
	Target Compounds							
21)	L5 AR-1248-1	4.497	3.869	49113771	63222920	257.823	296.994	
22)	L5 AR-1248-2	4.760	4.095	73011954	99259749	300.106	349.485	
23)	L5 AR-1248-3	4.949	4.133	84221390	92053911	286.637	328.632	
24)	L5 AR-1248-4	5.311	4.292	137.8E6	118.4E6	524.123	341.809	#
25)	L5 AR-1248-5	5.337	4.670	90160874	139.9E6	266.475	401.251	#
26)	L6 AR-1254-1	5.311	4.631	137.8E6	220.3E6	396.650	411.071	
27)	L6 AR-1254-2	5.526	4.778	197.7E6	166.7E6	364.924	363.296	
28)	L6 AR-1254-3	5.876	5.162	160.5E6	232.8E6	278.686	306.659	
29)	L6 AR-1254-4	6.158	5.389	115.4E6	157.1E6	273.083	314.261	
30)	L6 AR-1254-5	6.569	5.796	312.0E6	484.6E6	678.865	700.070	
31)	L7 AR-1260-1	6.042	5.293	186.6E6	292.5E6	417.010	586.185	#
32)	L7 AR-1260-2	6.299	5.482	228.9E6	328.5E6	448.060	541.804	
33)	L7 AR-1260-3	6.652	5.624	141.3E6	312.9E6	369.076	529.237	#
34)	L7 AR-1260-4	6.867	6.089	160.2E6	226.9E6	383.016	457.996	
35)	L7 AR-1260-5	7.174	6.334	302.4E6	517.4E6	363.320	450.553	

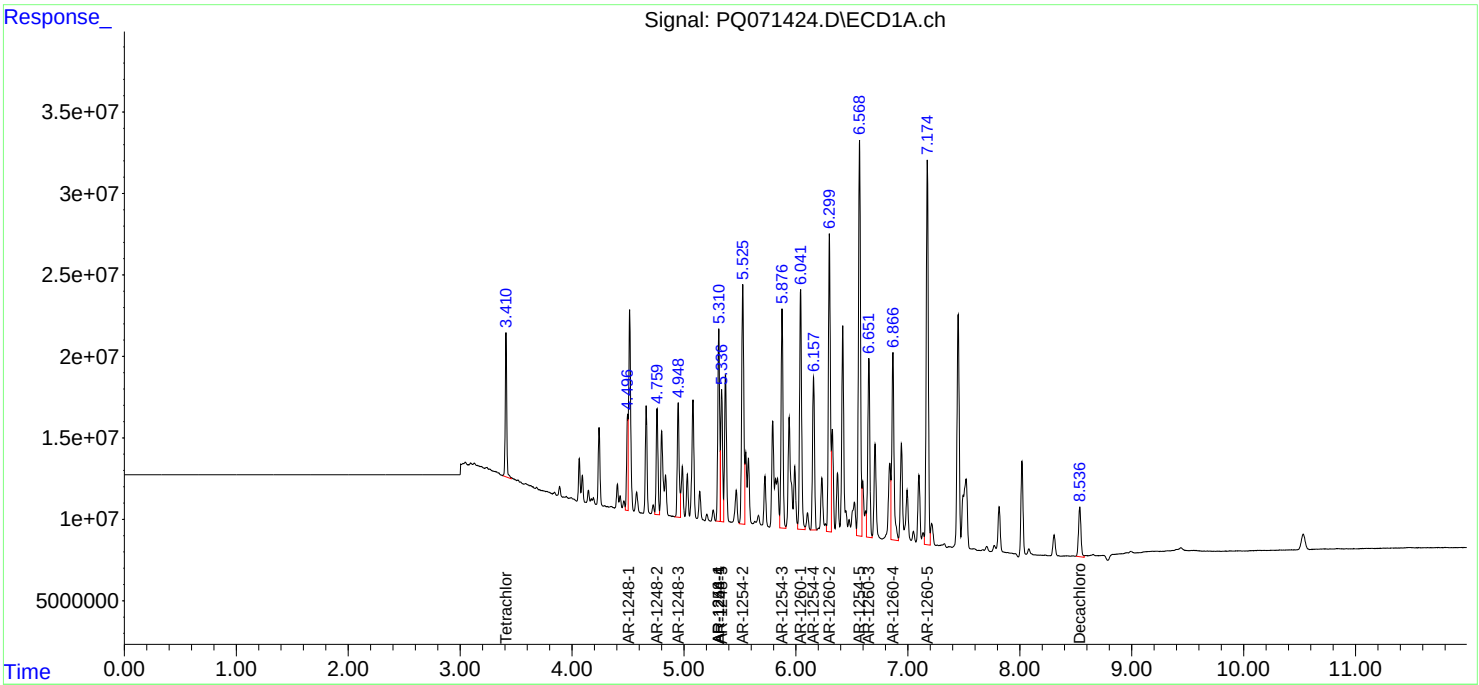
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

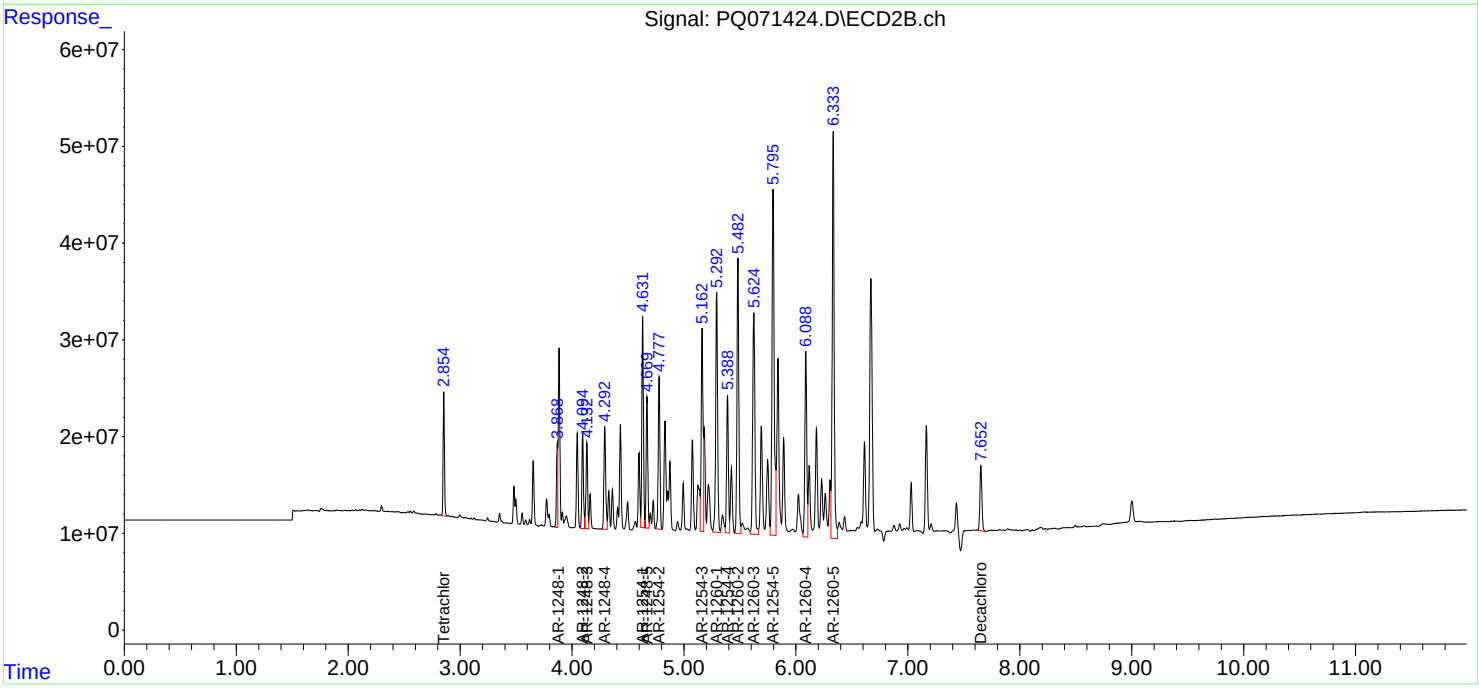
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:26
Operator : YP\AJ
Sample : Q3672-11DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

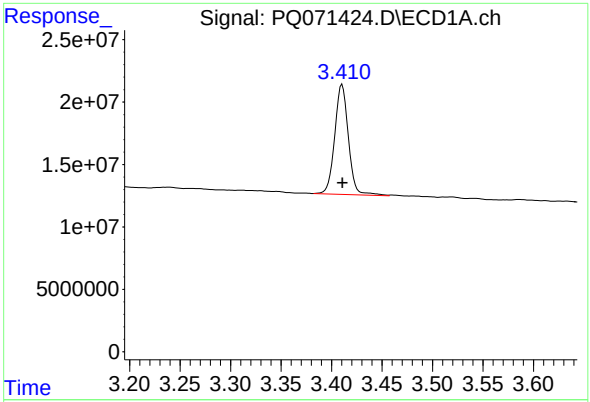
Instrument :
ECD_Q
ClientSampleId :
C0AF8DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:34:43 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



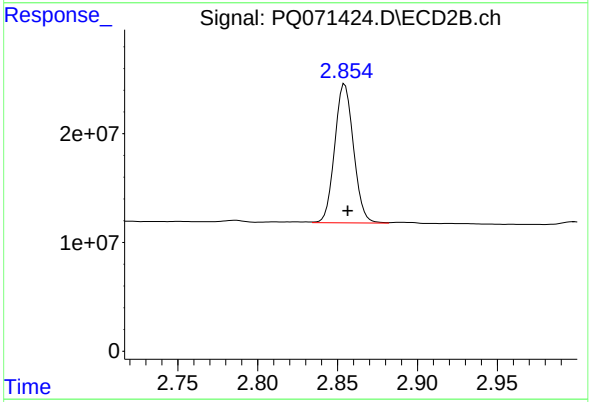




#1 Tetrachloro-m-xylene

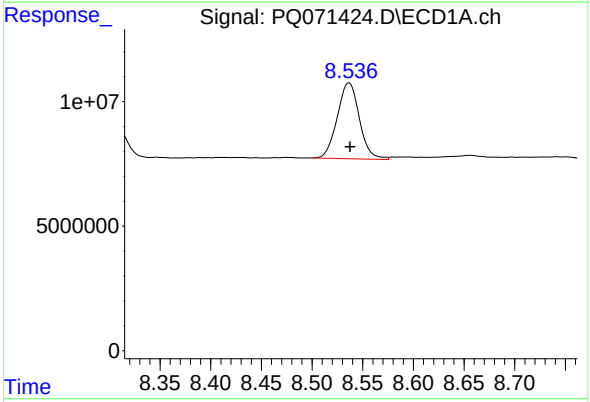
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 83313451
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



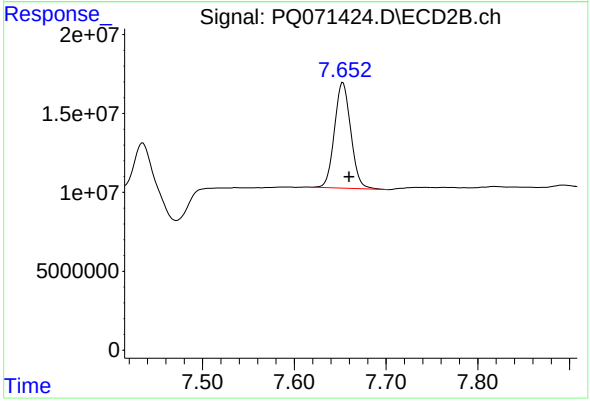
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 104773635
Conc: 11.22 ng/ml



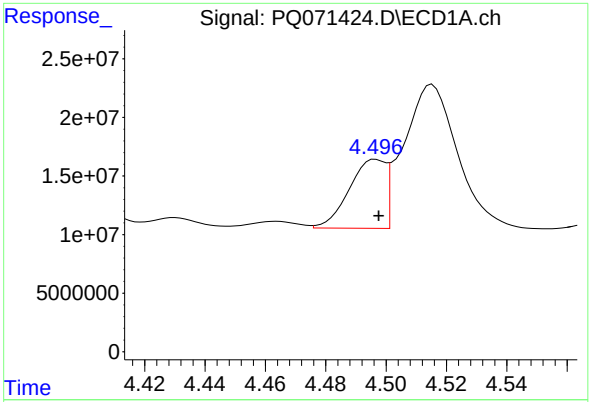
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 46384536
Conc: 7.41 ng/ml



#2 Decachlorobiphenyl

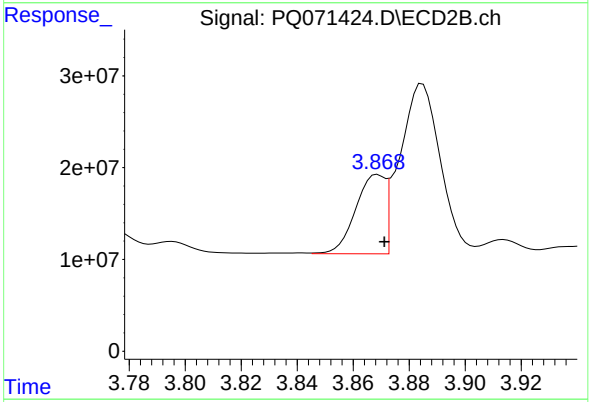
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 82671813
Conc: 9.05 ng/ml



#21 AR-1248-1

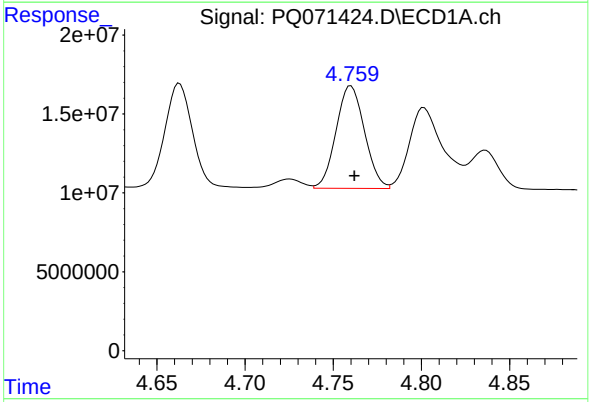
R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 49113771
Conc: 257.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



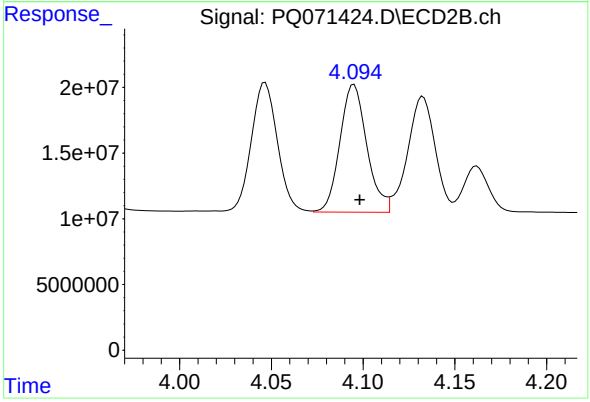
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 63222920
Conc: 296.99 ng/ml



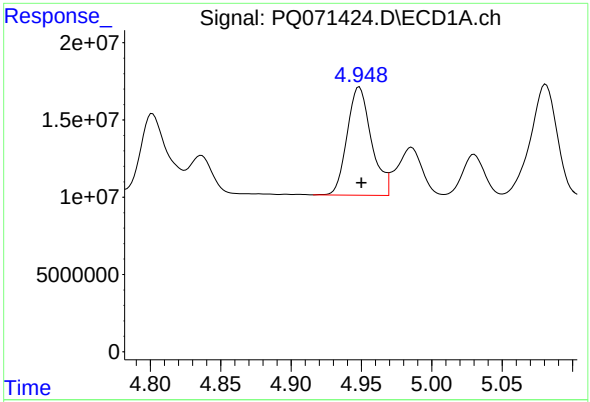
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 73011954
Conc: 300.11 ng/ml



#22 AR-1248-2

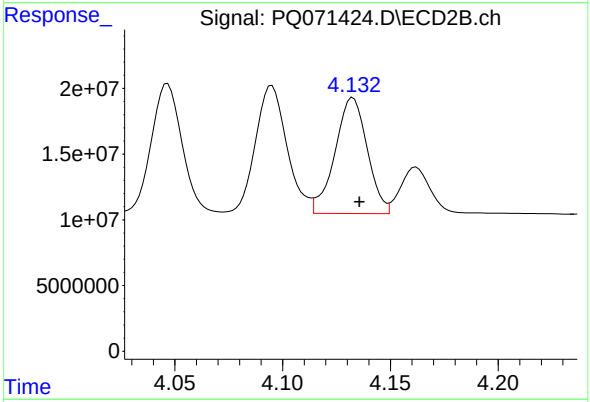
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 99259749
Conc: 349.49 ng/ml



#23 AR-1248-3

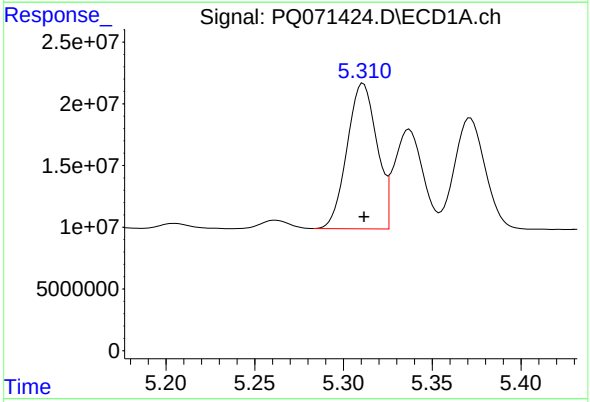
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 84221390
Conc: 286.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



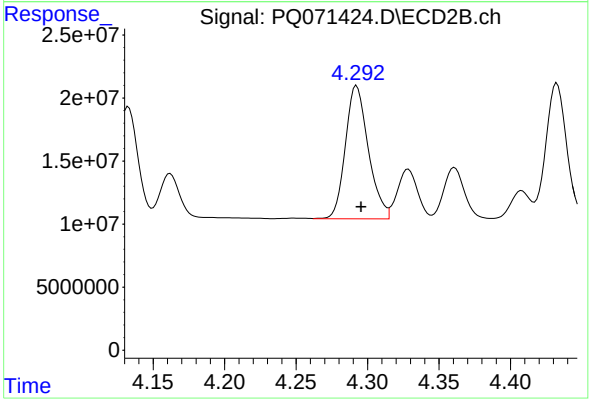
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 92053911
Conc: 328.63 ng/ml



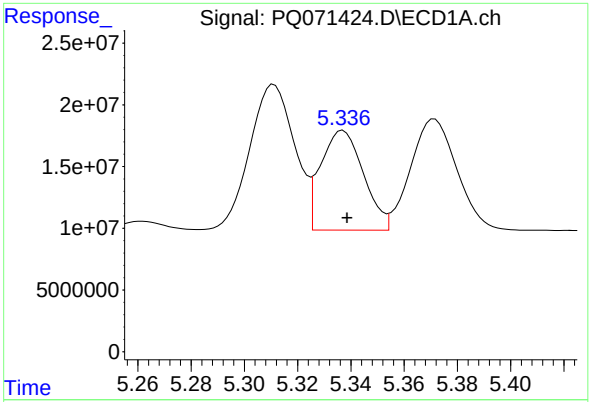
#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 137780499
Conc: 524.12 ng/ml



#24 AR-1248-4

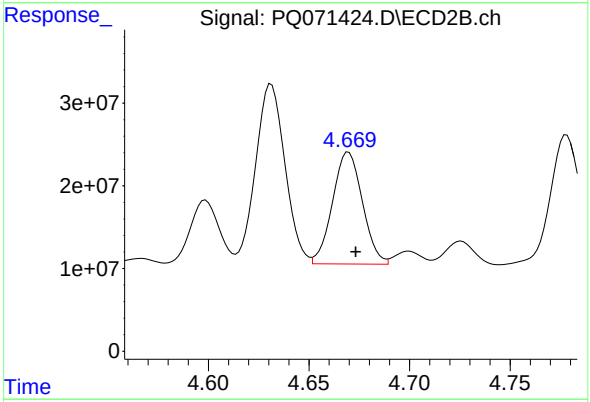
R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 118397199
Conc: 341.81 ng/ml



#25 AR-1248-5

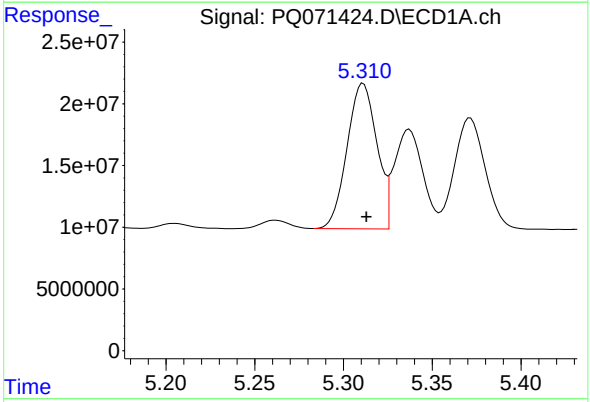
R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 90160874
Conc: 266.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



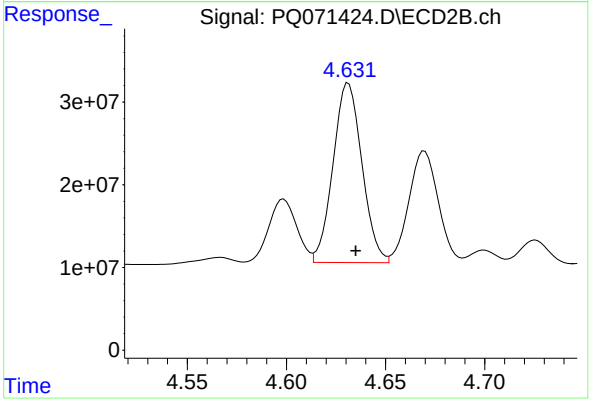
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 139891380
Conc: 401.25 ng/ml



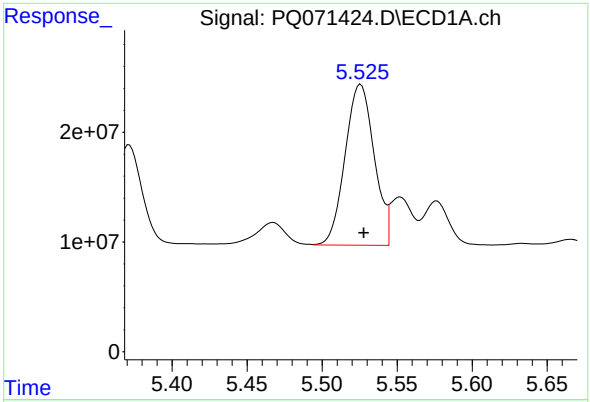
#26 AR-1254-1

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 137780499
Conc: 396.65 ng/ml



#26 AR-1254-1

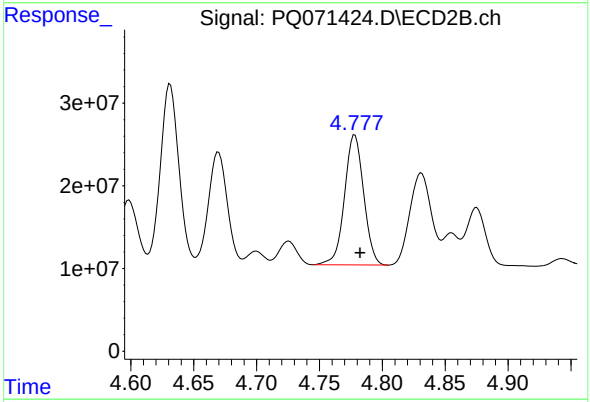
R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 220280371
Conc: 411.07 ng/ml



#27 AR-1254-2

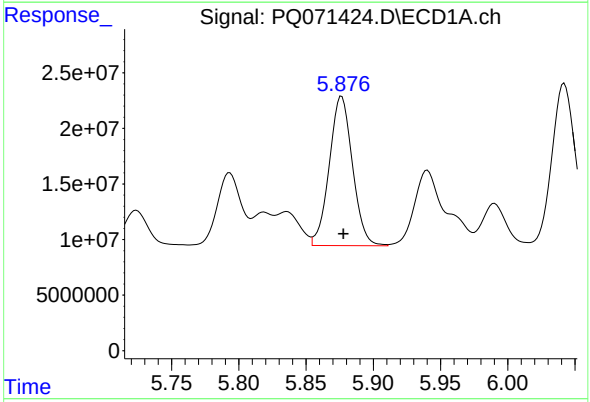
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 197724255
Conc: 364.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



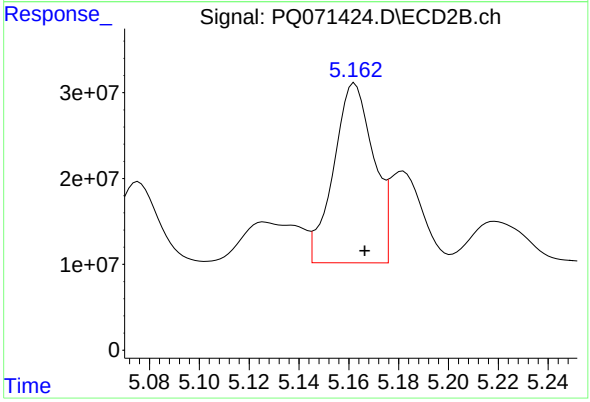
#27 AR-1254-2

R.T.: 4.778 min
Delta R.T.: -0.004 min
Response: 166673540
Conc: 363.30 ng/ml



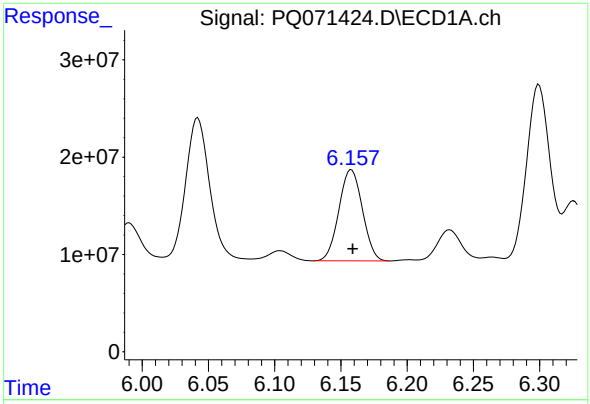
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 160475967
Conc: 278.69 ng/ml



#28 AR-1254-3

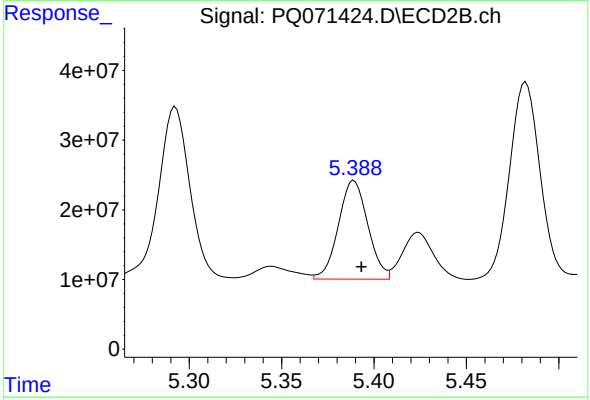
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 232846257
Conc: 306.66 ng/ml



#29 AR-1254-4

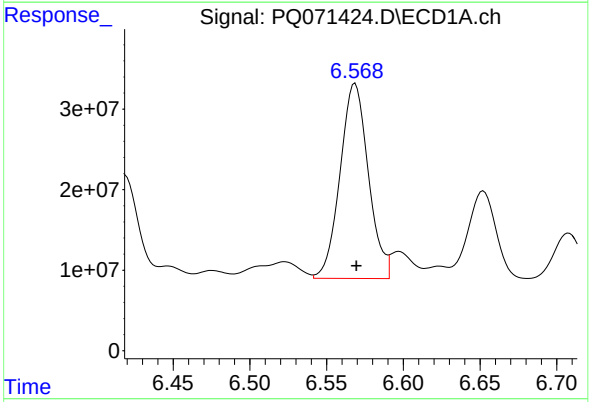
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 115374671
Conc: 273.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



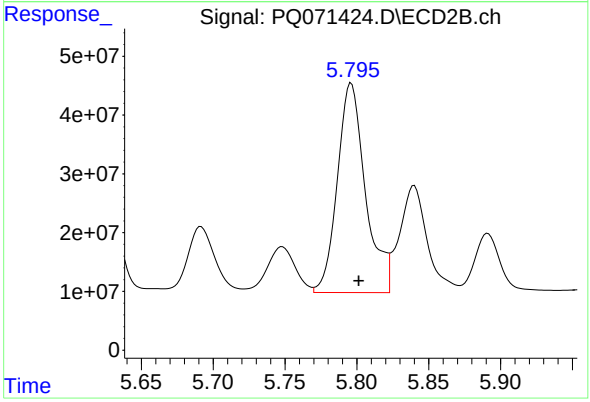
#29 AR-1254-4

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 157073043
Conc: 314.26 ng/ml



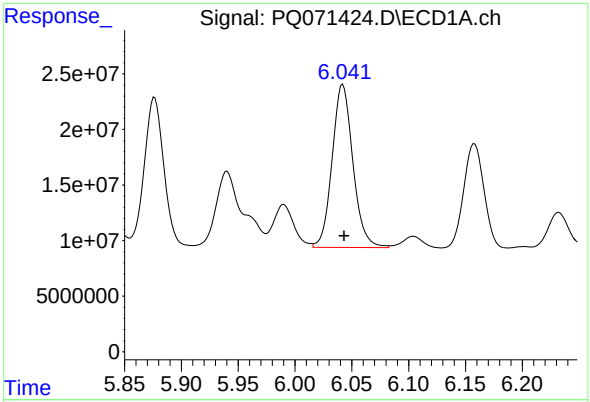
#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 312028231
Conc: 678.87 ng/ml



#30 AR-1254-5

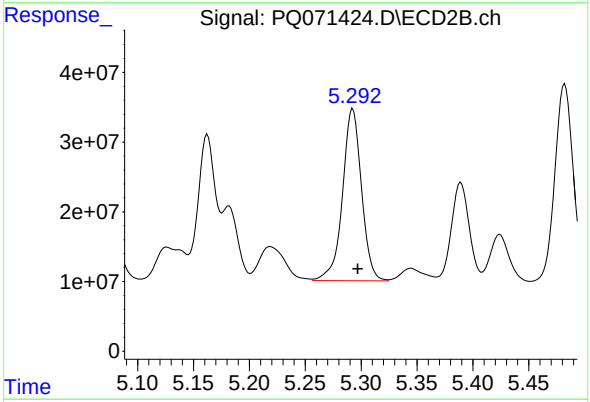
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 484609237
Conc: 700.07 ng/ml



#31 AR-1260-1

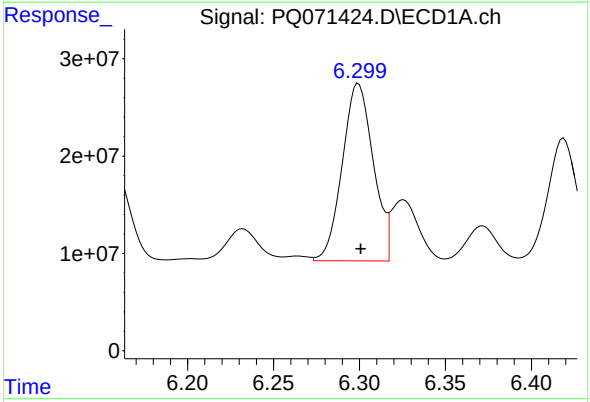
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 186610985
Conc: 417.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



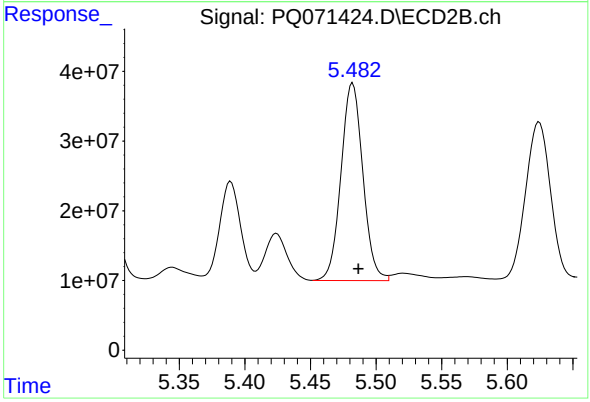
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 292463183
Conc: 586.18 ng/ml



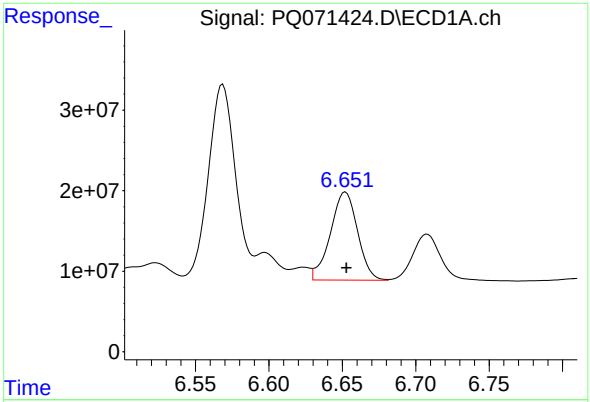
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 228919845
Conc: 448.06 ng/ml



#32 AR-1260-2

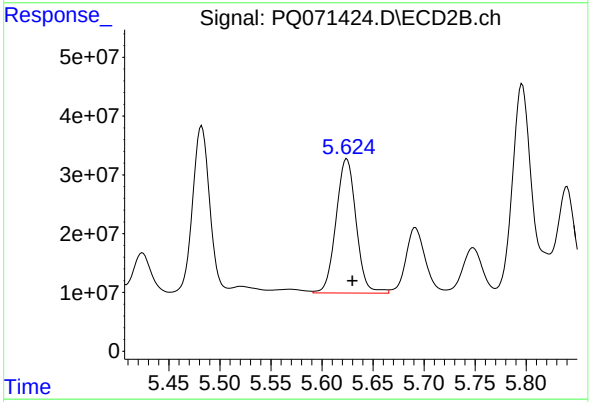
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 328536760
Conc: 541.80 ng/ml



#33 AR-1260-3

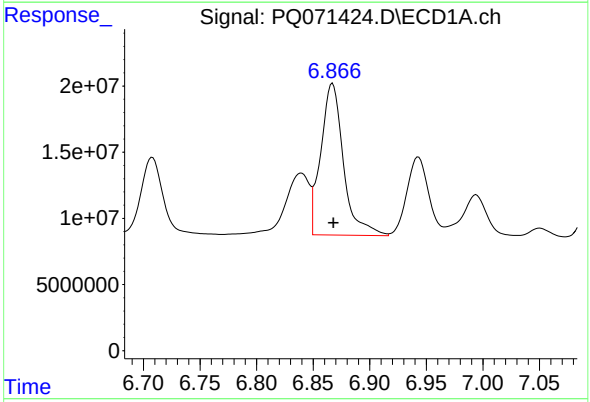
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 141257827
Conc: 369.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



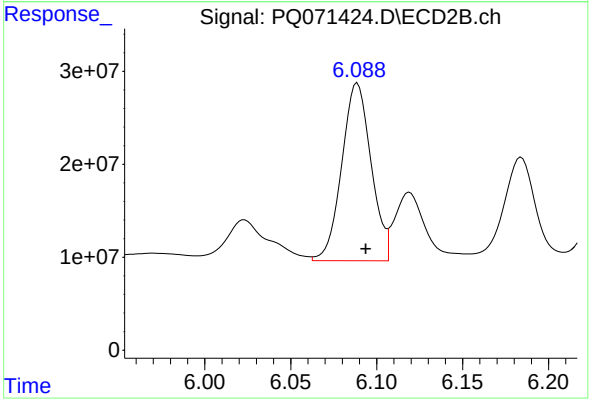
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 312876785
Conc: 529.24 ng/ml



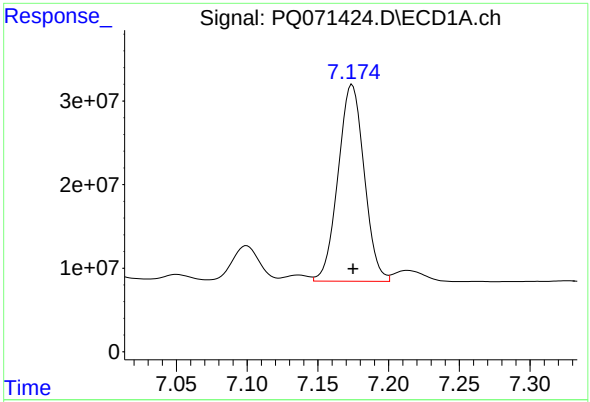
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 160156144
Conc: 383.02 ng/ml



#34 AR-1260-4

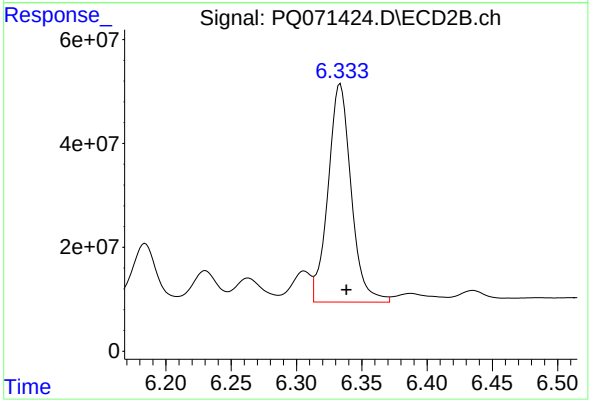
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 226881291
Conc: 458.00 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 302368692
Conc: 363.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF8DL



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 517363183
Conc: 450.55 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF9	SDG No.:	Q3672
Lab Sample ID:	Q3672-12	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 02:08	PB170653
11104-28-2	Aroclor-1221	20.3	U	1	4.80	20.3	ug/kg	11/21/25 02:08	PB170653
11141-16-5	Aroclor-1232	20.3	U	1	4.50	20.3	ug/kg	11/21/25 02:08	PB170653
53469-21-9	Aroclor-1242	20.3	U	1	4.80	20.3	ug/kg	11/21/25 02:08	PB170653
12672-29-6	Aroclor-1248	18000	E	1	7.10	20.3	ug/kg	11/21/25 02:08	PB170653
11097-69-1	Aroclor-1254	20.3	U	1	3.80	20.3	ug/kg	11/21/25 02:08	PB170653
37324-23-5	Aroclor-1262	20.3	U	1	6.00	20.3	ug/kg	11/21/25 02:08	PB170653
11100-14-4	Aroclor-1268	20.3	U	1	4.30	20.3	ug/kg	11/21/25 02:08	PB170653
11096-82-5	Aroclor-1260	20000	E	1	3.90	20.3	ug/kg	11/21/25 02:08	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.7			21 - 165	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.0			10 - 170	130%	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

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\PQ112025\
Data File : PQ071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:08
Operator : YP\AJ
Sample : Q3672-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF9

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:38 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...	3.410	2.855	160.8E6	202.6E6	18.466	21.700
2)	SA Decachlor...	8.534	7.654	150.2E6	237.6E6	23.990	25.999
	Target Compounds						
21)	L5 AR-1248-1	4.515	3.886	9217.6E6	10783.0E6	48387.649	50654.042
22)	L5 AR-1248-2	4.760	4.095	8142.5E6	10906.3E6	33468.864	38400.108
23)	L5 AR-1248-3	4.948	4.133	12108.6E6	10853.6E6	41210.246	38747.416
24)	L5 AR-1248-4	5.310	4.293	13220.7E6	12811.0E6	50292.164	36985.062 #
25)	L5 AR-1248-5	5.335	4.669	10913.4E6	19578.5E6	32255.138	56157.119 #
31)	L7 AR-1260-1	6.042	5.291	16368.6E6	30290.0E6	36578.040	60710.213m#
32)	L7 AR-1260-2	6.299	5.479	22731.7E6	29570.5E6	44492.217m	48766.003m
33)	L7 AR-1260-3	6.650	5.622	17213.7E6	30820.5E6	44975.556m	52133.426m
34)	L7 AR-1260-4	6.865	6.089	16361.1E6	26020.9E6	39127.864	52527.325m#
35)	L7 AR-1260-5	7.167	6.326	28919.8E6	41744.2E6	34749.386	36353.450m

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

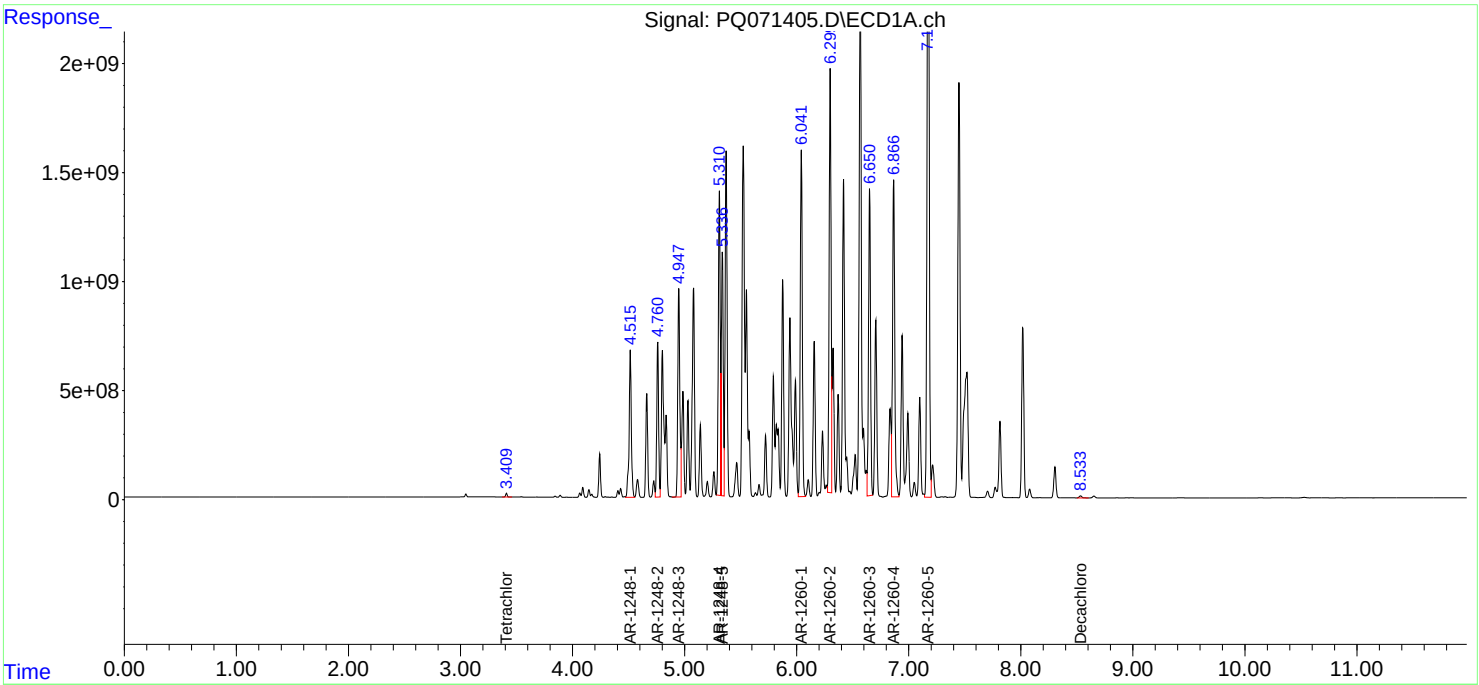
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:08
Operator : YP\AJ
Sample : Q3672-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

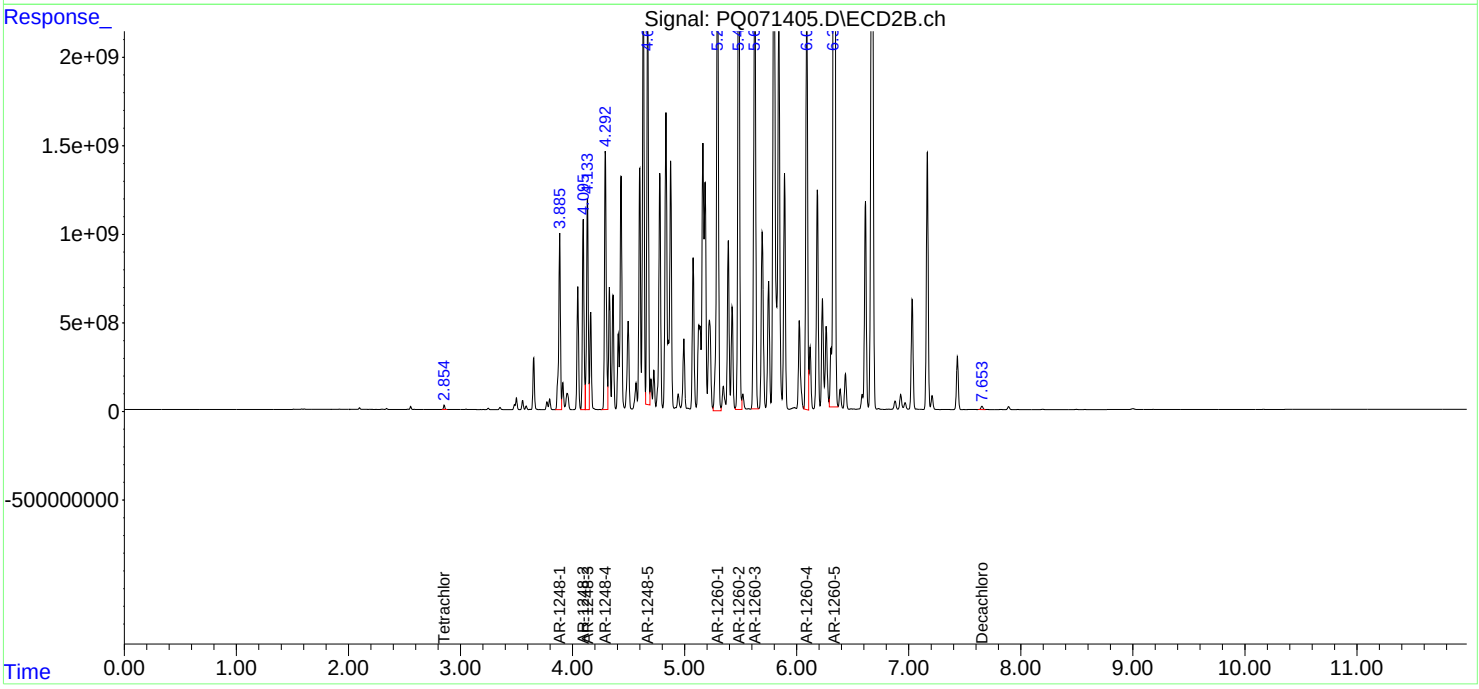
Instrument :
ECD_Q
ClientSampleId :
C0AF9

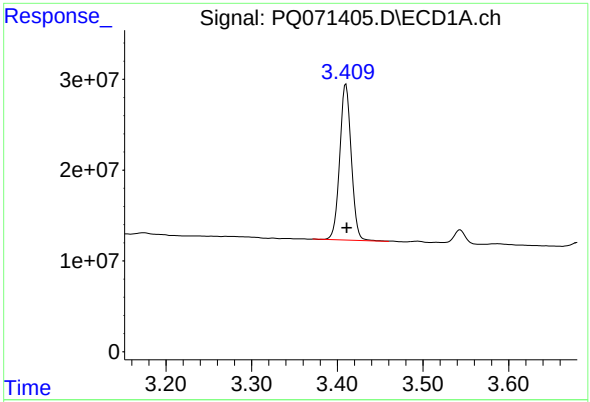
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:38 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







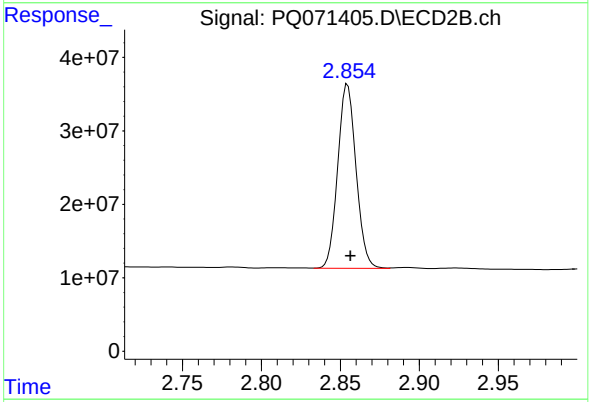
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 160750416
Conc: 18.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9

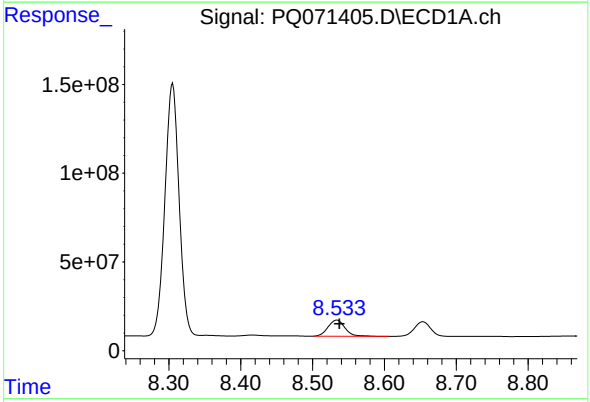
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



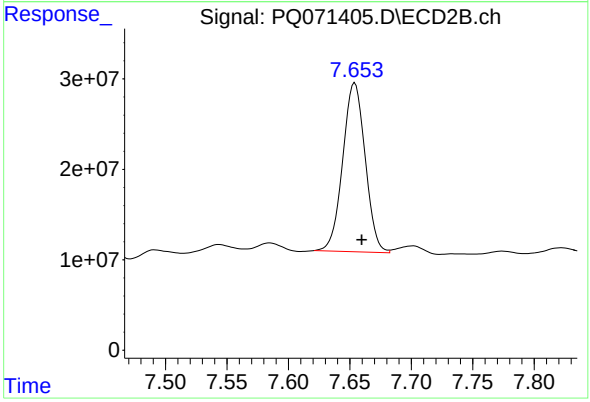
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 202608677
Conc: 21.70 ng/ml



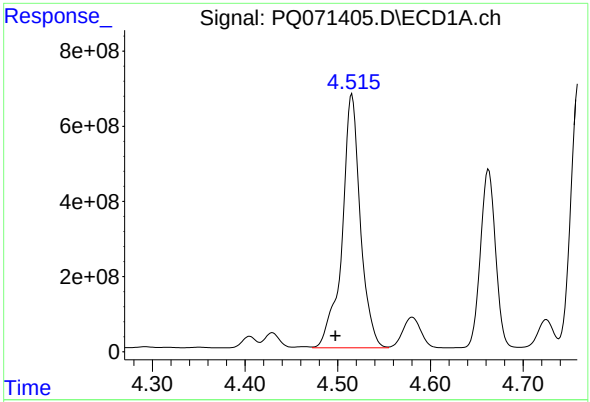
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 150215116
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 237569960
Conc: 26.00 ng/ml



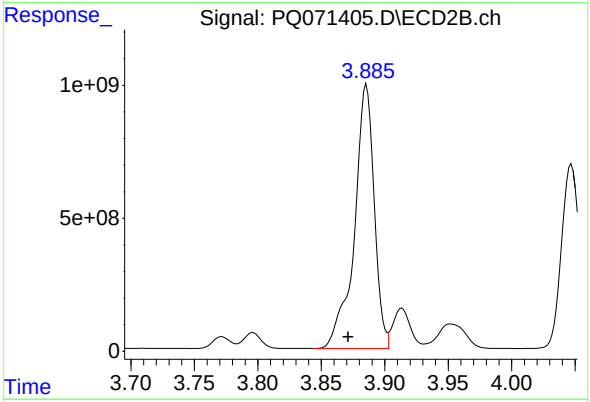
#21 AR-1248-1

R.T.: 4.515 min
Delta R.T.: 0.018 min
Response: 9217572862
Conc: 48387.65 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AF9

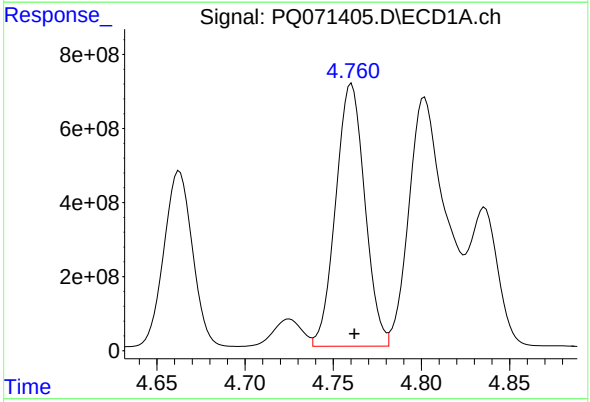
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



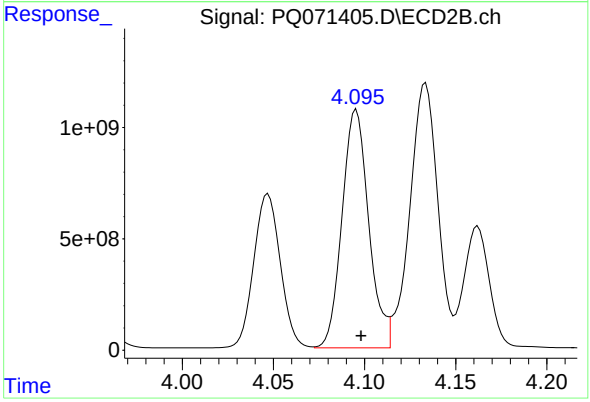
#21 AR-1248-1

R.T.: 3.886 min
Delta R.T.: 0.014 min
Response: 10783042967
Conc: 50654.04 ng/ml



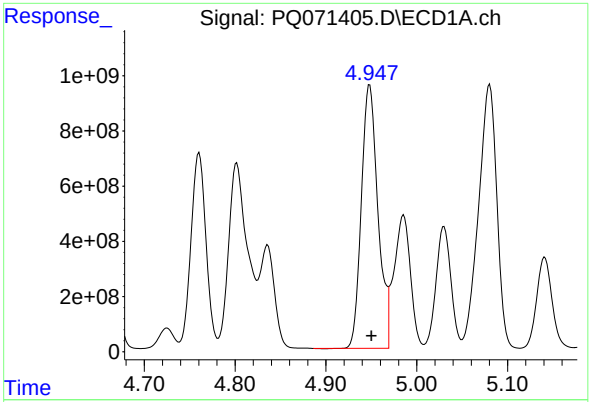
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 8142542163
Conc: 33468.86 ng/ml



#22 AR-1248-2

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 10906289748
Conc: 38400.11 ng/ml



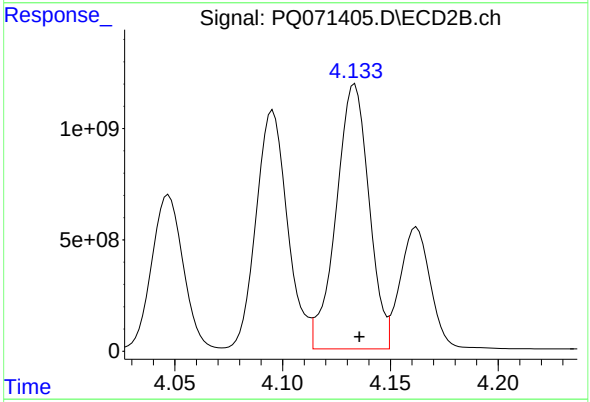
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 12108633966
Conc: 41210.25 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AF9

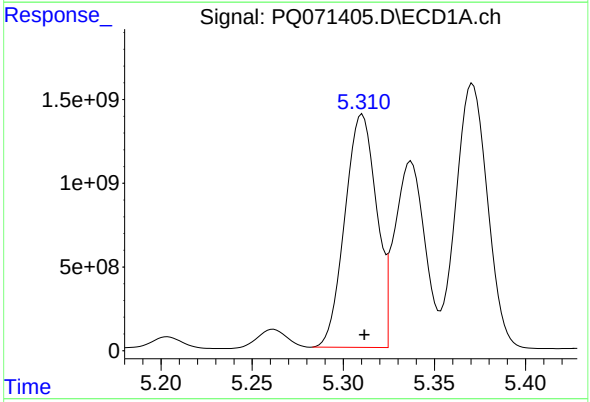
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



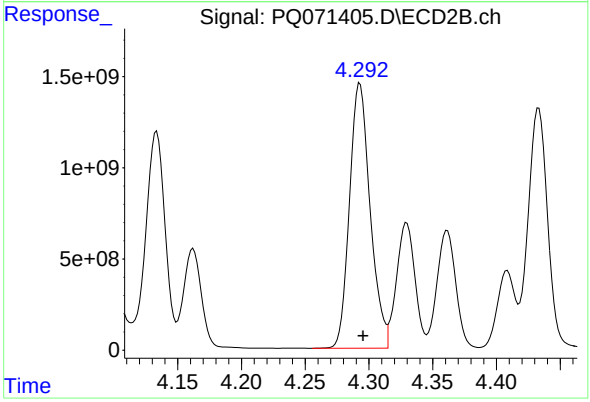
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 10853640437
Conc: 38747.42 ng/ml



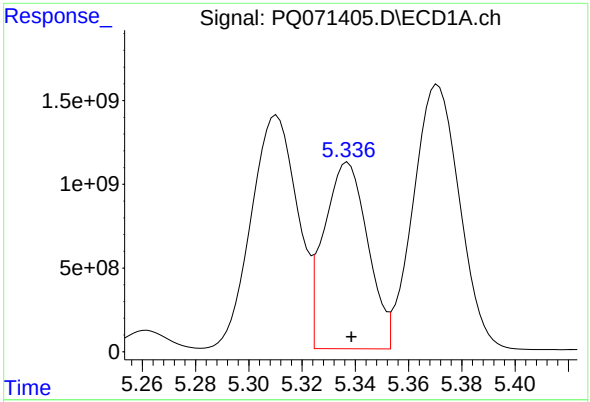
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 13220708137
Conc: 50292.16 ng/ml



#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 12811037985
Conc: 36985.06 ng/ml



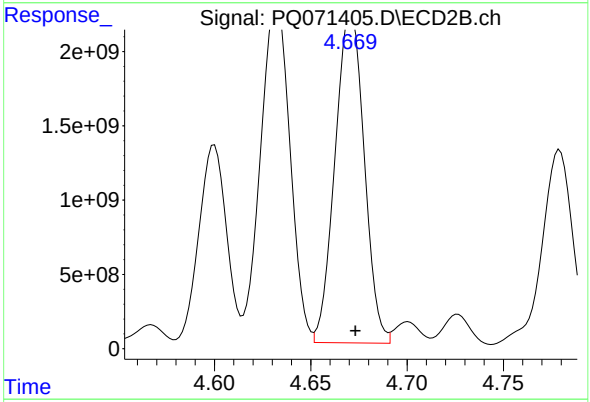
#25 AR-1248-5

R.T.: 5.335 min
Delta R.T.: -0.004 min
Response: 10913401952
Conc: 32255.14 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AF9

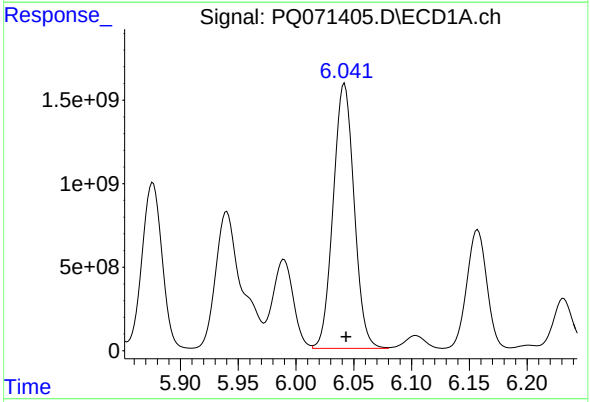
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



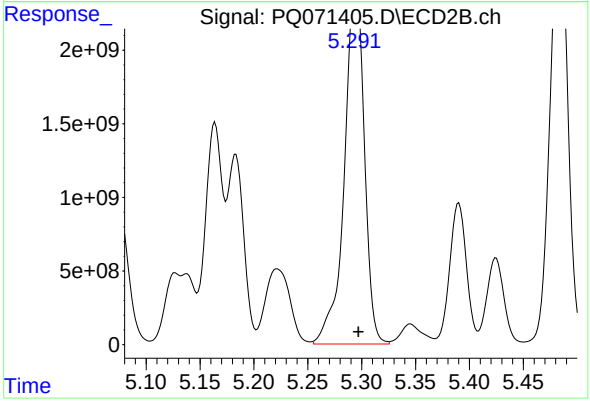
#25 AR-1248-5

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 19578499666
Conc: 56157.12 ng/ml



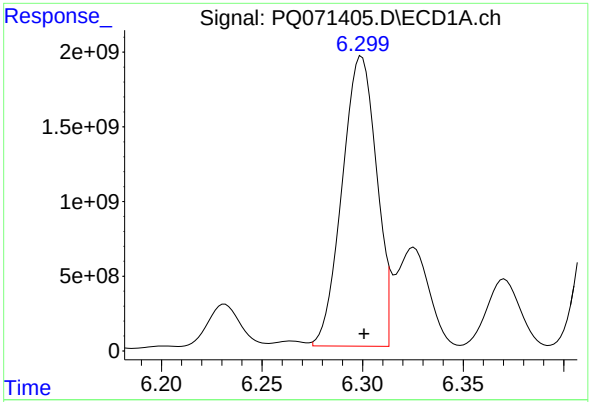
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 16368568560
Conc: 36578.04 ng/ml



#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 30289953097
Conc: 60710.21 ng/ml m



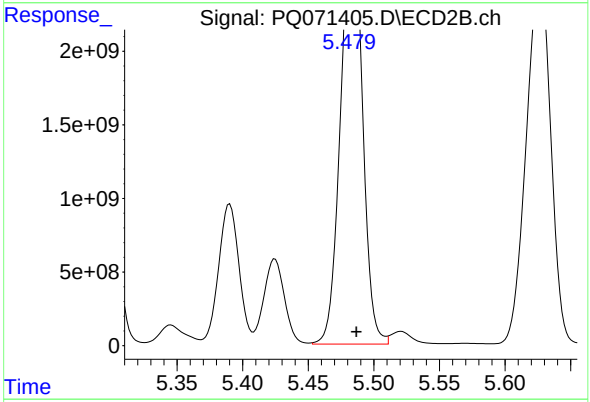
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 22731689100
Conc: 44492.22 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AF9

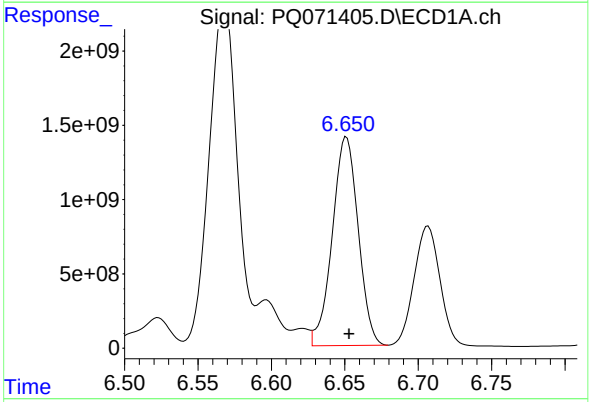
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



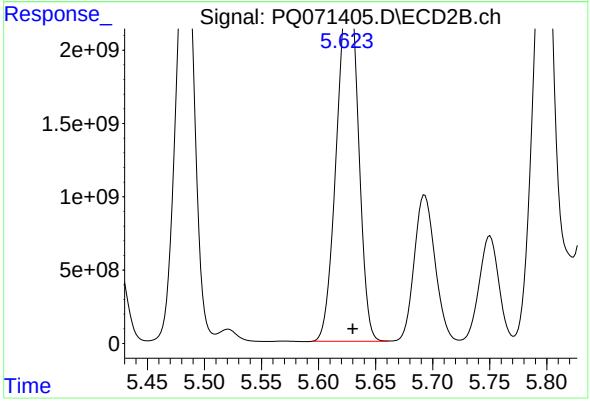
#32 AR-1260-2

R.T.: 5.479 min
Delta R.T.: -0.007 min
Response: 29570525488
Conc: 48766.00 ng/ml m



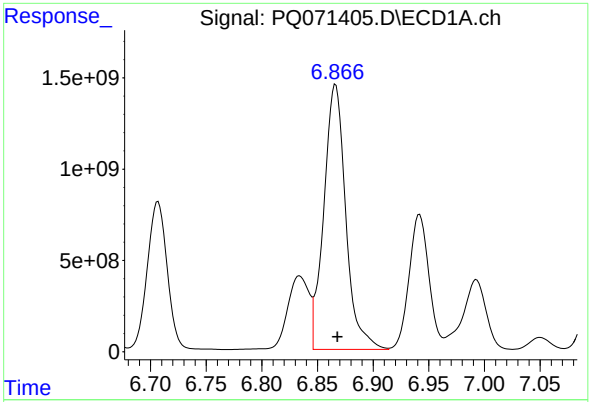
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 17213663945
Conc: 44975.56 ng/ml m



#33 AR-1260-3

R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 30820453258
Conc: 52133.43 ng/ml m



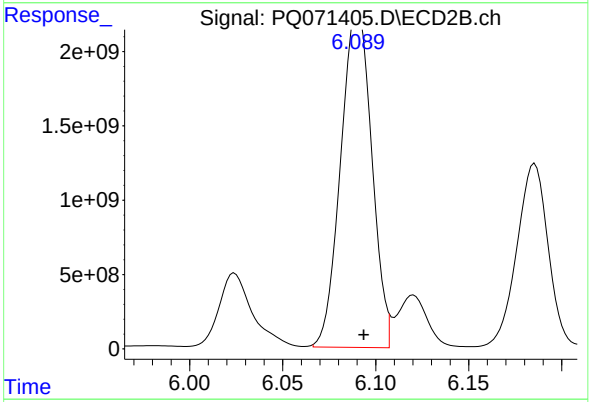
#34 AR-1260-4

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 16361105543
Conc: 39127.86 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AF9

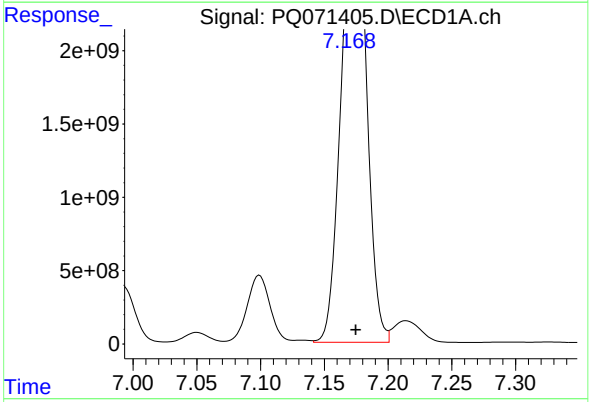
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



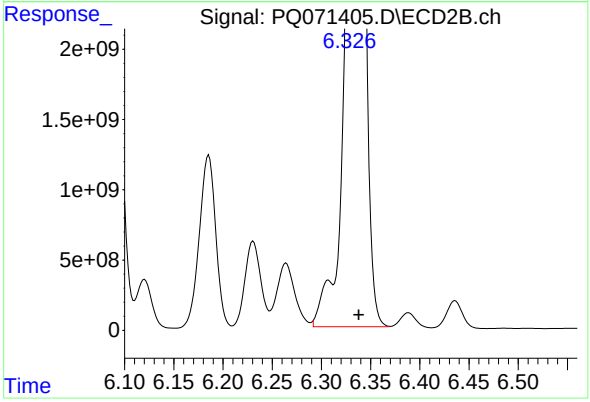
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 26020922620
Conc: 52527.32 ng/ml m



#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 28919751386
Conc: 34749.39 ng/ml



#35 AR-1260-5

R.T.: 6.326 min
Delta R.T.: -0.012 min
Response: 41744151660
Conc: 36353.45 ng/ml m

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF9DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-12DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	407	UD	20	94.5	407	ug/kg	11/21/25 11:40	PB170653
11104-28-2	Aroclor-1221	407	UD	20	96.4	407	ug/kg	11/21/25 11:40	PB170653
11141-16-5	Aroclor-1232	407	UD	20	89.0	407	ug/kg	11/21/25 11:40	PB170653
53469-21-9	Aroclor-1242	407	UD	20	96.0	407	ug/kg	11/21/25 11:40	PB170653
12672-29-6	Aroclor-1248	21000	ED	20	142	407	ug/kg	11/21/25 11:40	PB170653
11097-69-1	Aroclor-1254	407	UD	20	76.8	407	ug/kg	11/21/25 11:40	PB170653
37324-23-5	Aroclor-1262	407	UD	20	120	407	ug/kg	11/21/25 11:40	PB170653
11100-14-4	Aroclor-1268	407	UD	20	86.1	407	ug/kg	11/21/25 11:40	PB170653
11096-82-5	Aroclor-1260	22000	ED	20	77.3	407	ug/kg	11/21/25 11:40	PB170653
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

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 : PQ071425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:40
Operator : YP\AJ
Sample : Q3672-12DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:35:06 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							
	Target Compounds							
21)	L5 AR-1248-1	4.516	3.885	494.9E6	561.2E6	2597.838	2636.074	
22)	L5 AR-1248-2	4.761	4.095	436.1E6	578.0E6	1792.517	2035.100	
23)	L5 AR-1248-3	4.949	4.133	642.5E6	672.2E6	2186.707	2399.861	
24)	L5 AR-1248-4	5.310	4.293	853.2E6	877.7E6	3245.686	2533.969	
25)	L5 AR-1248-5	5.337	4.670	632.7E6	1197.0E6	1869.922	3433.370	#
31)	L7 AR-1260-1	6.042	5.293	969.0E6	1573.4E6	2165.349	3153.591	#
32)	L7 AR-1260-2	6.300	5.483	1162.2E6	1637.3E6	2274.785	2700.081	
33)	L7 AR-1260-3	6.652	5.626	783.7E6	1551.0E6	2047.657	2623.597	#
34)	L7 AR-1260-4	6.867	6.090	889.1E6	1233.8E6	2126.181	2490.634	
35)	L7 AR-1260-5	7.174	6.334	1849.2E6	2989.3E6	2221.921	2603.241	

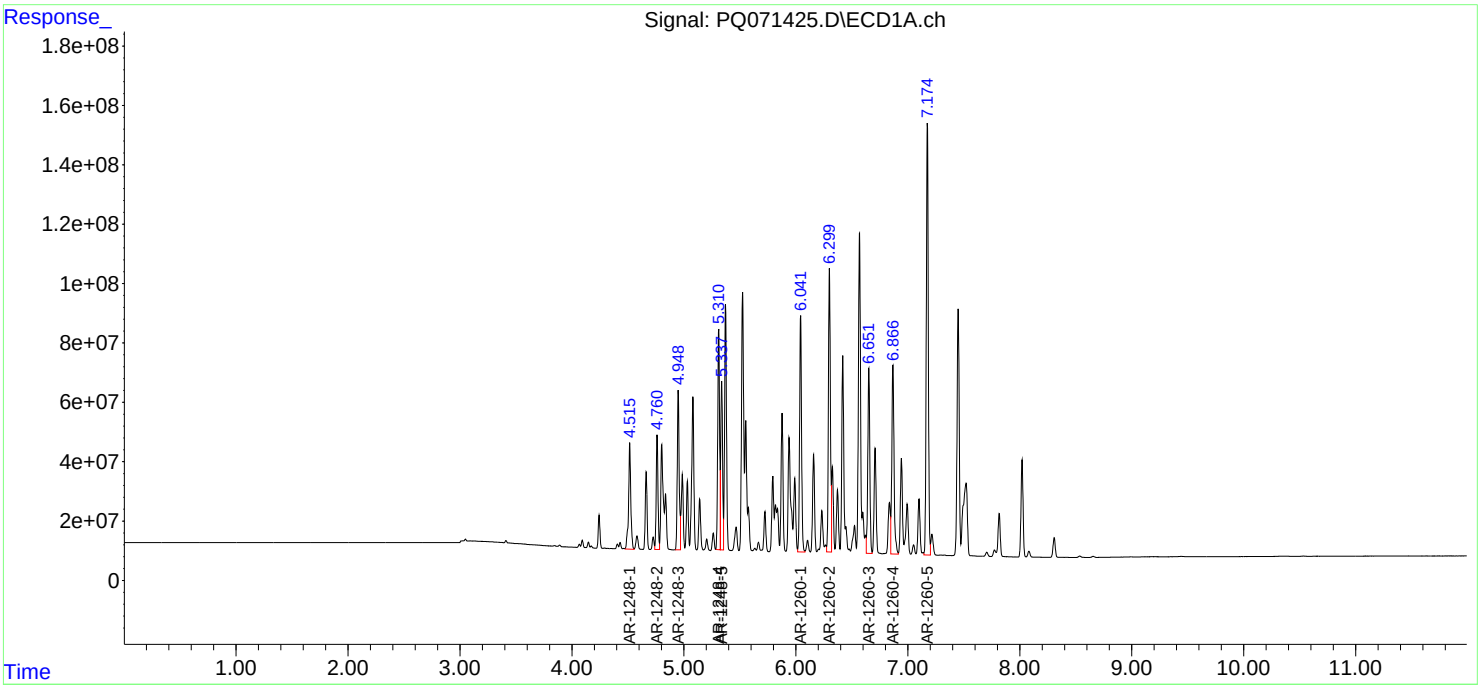
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

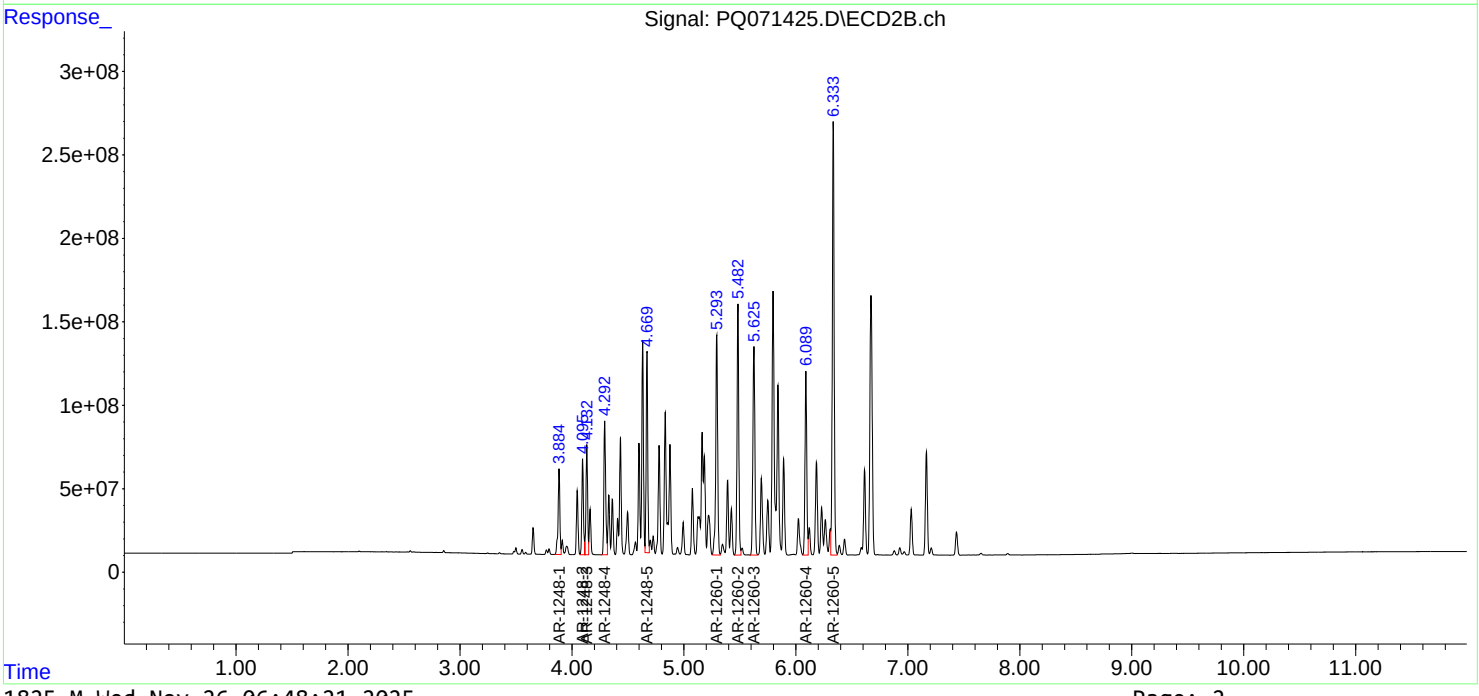
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:40
Operator : YP\AJ
Sample : Q3672-12DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

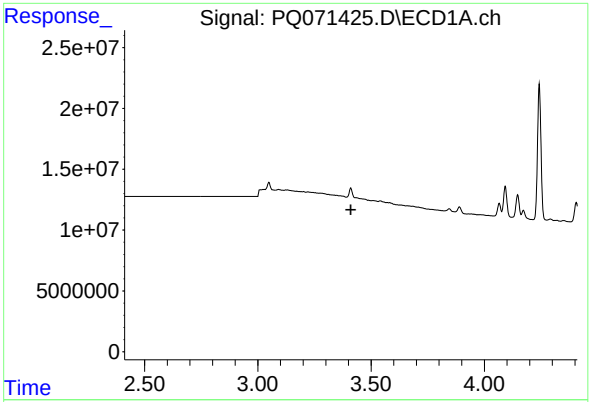
Instrument :
ECD_Q
ClientSampleId :
C0AF9DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:35:06 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



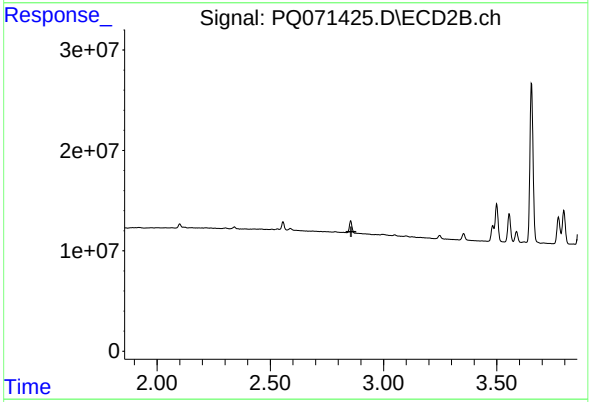




#1 Tetrachloro-m-xylene

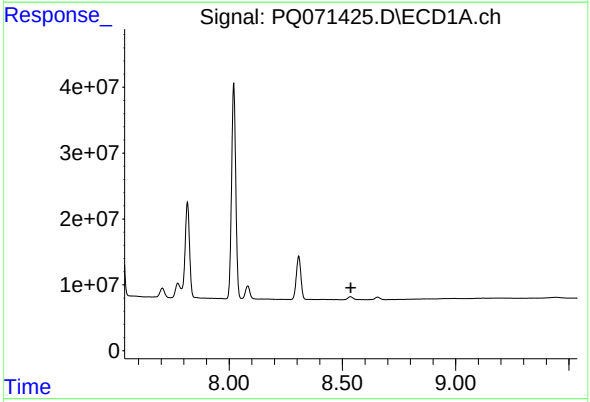
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



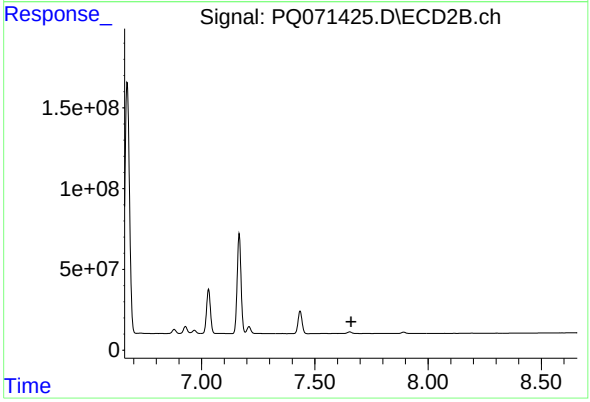
#1 Tetrachloro-m-xylene

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



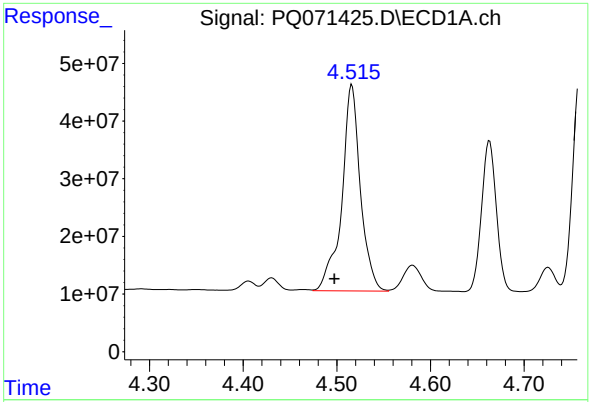
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

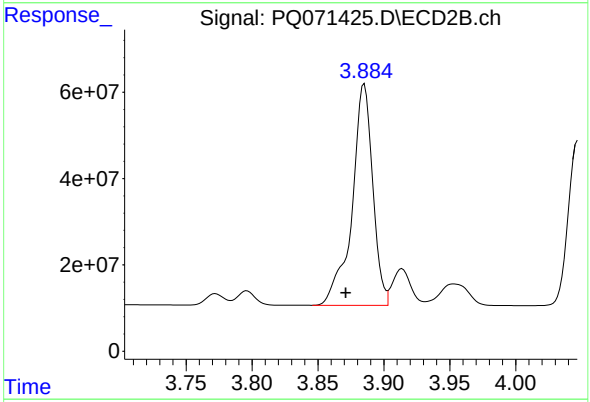
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#21 AR-1248-1

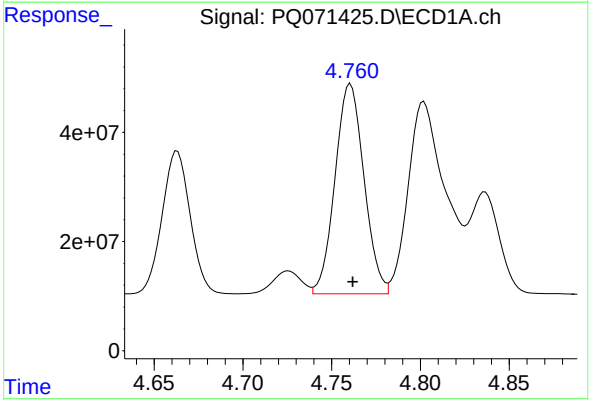
R.T.: 4.516 min
Delta R.T.: 0.018 min
Response: 494873388
Conc: 2597.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



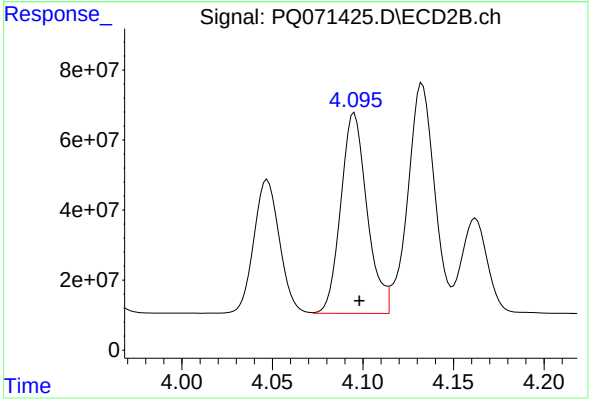
#21 AR-1248-1

R.T.: 3.885 min
Delta R.T.: 0.014 min
Response: 561157619
Conc: 2636.07 ng/ml



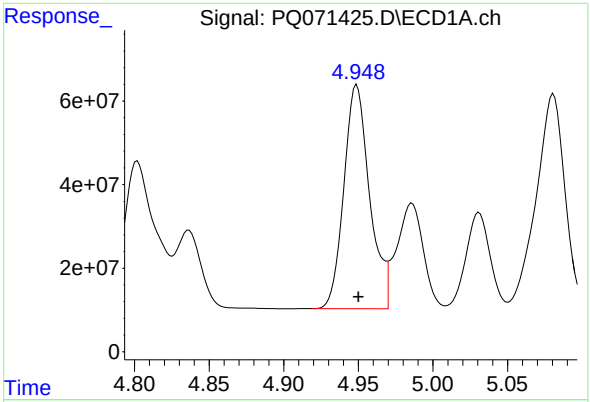
#22 AR-1248-2

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 436096311
Conc: 1792.52 ng/ml



#22 AR-1248-2

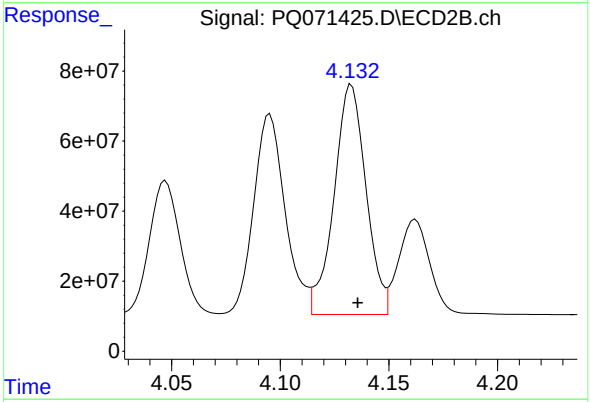
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 578003233
Conc: 2035.10 ng/ml



#23 AR-1248-3

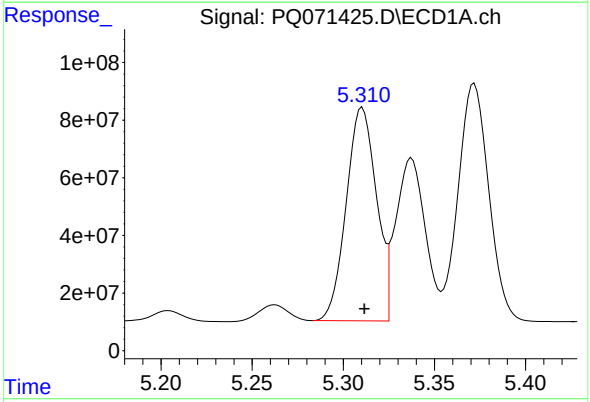
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 642510818
Conc: 2186.71 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



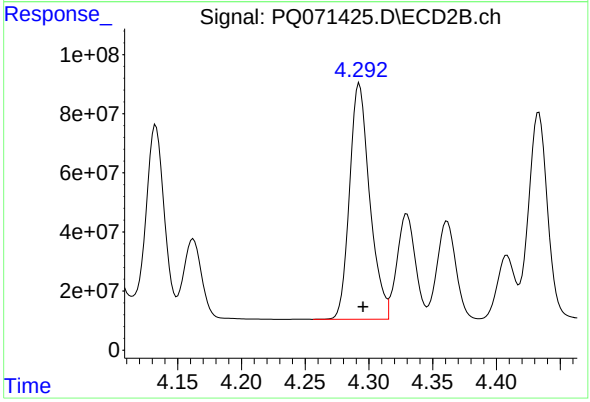
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 672231498
Conc: 2399.86 ng/ml



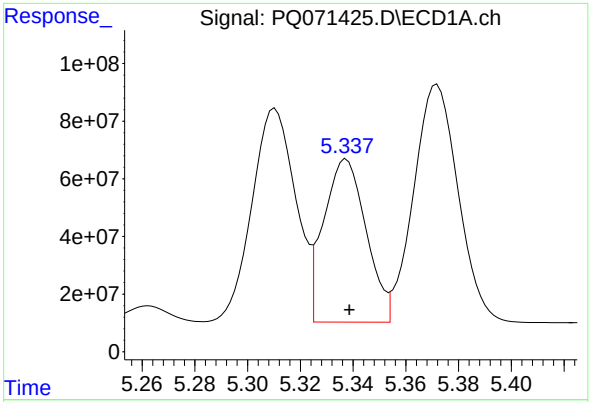
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 853219741
Conc: 3245.69 ng/ml



#24 AR-1248-4

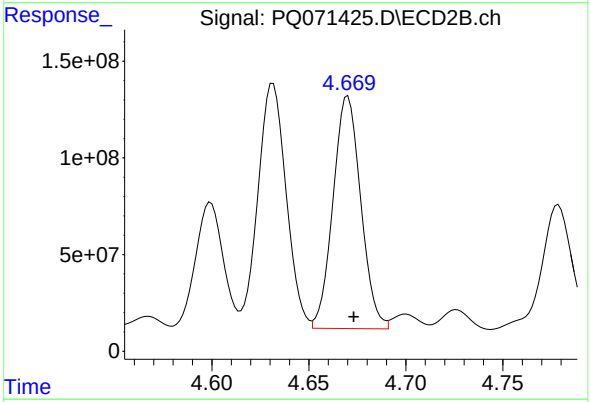
R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 877726560
Conc: 2533.97 ng/ml



#25 AR-1248-5

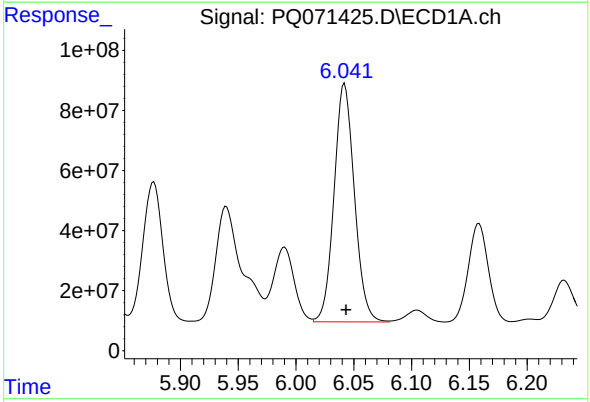
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 632680773
Conc: 1869.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



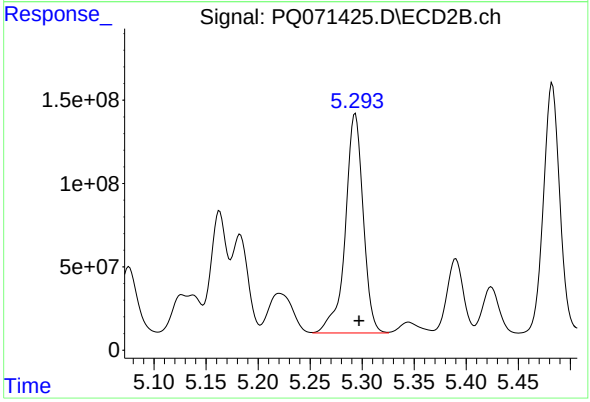
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 1197002895
Conc: 3433.37 ng/ml



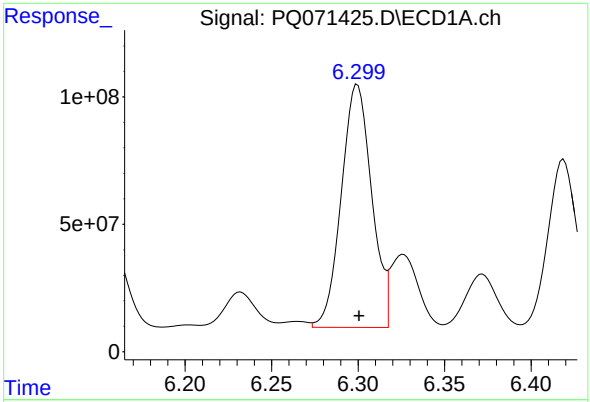
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 968987663
Conc: 2165.35 ng/ml



#31 AR-1260-1

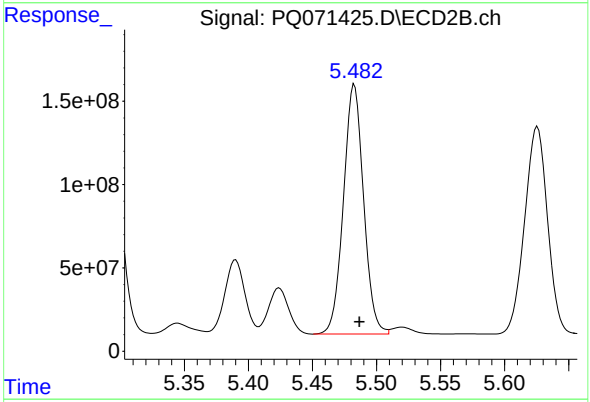
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 1573411214
Conc: 3153.59 ng/ml



#32 AR-1260-2

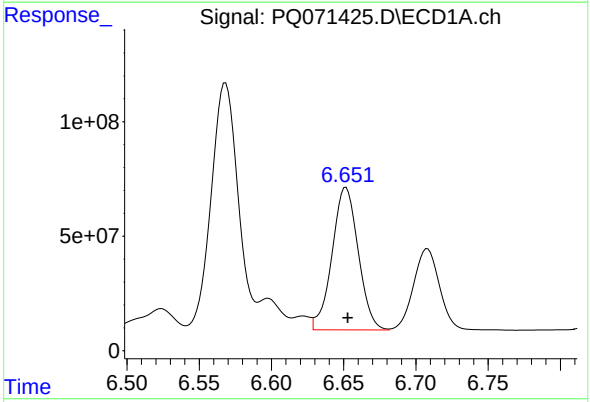
R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 1162219314
Conc: 2274.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



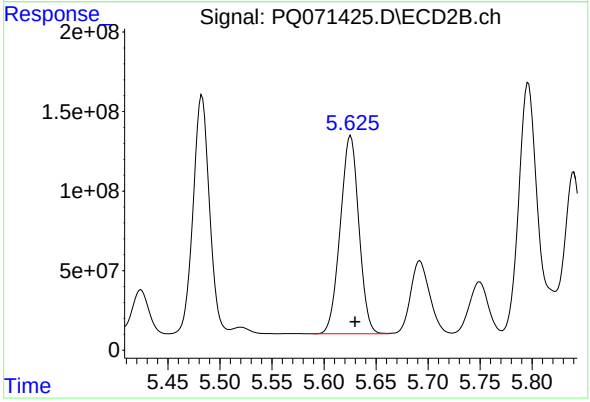
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 1637263633
Conc: 2700.08 ng/ml



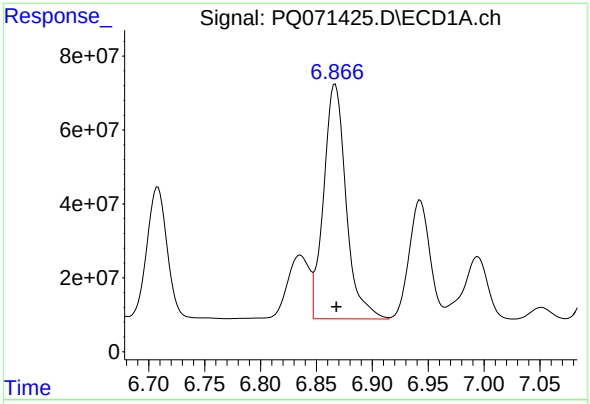
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 783707632
Conc: 2047.66 ng/ml



#33 AR-1260-3

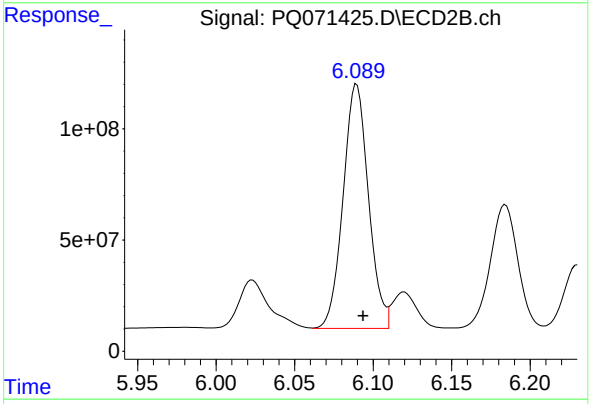
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 1551028928
Conc: 2623.60 ng/ml



#34 AR-1260-4

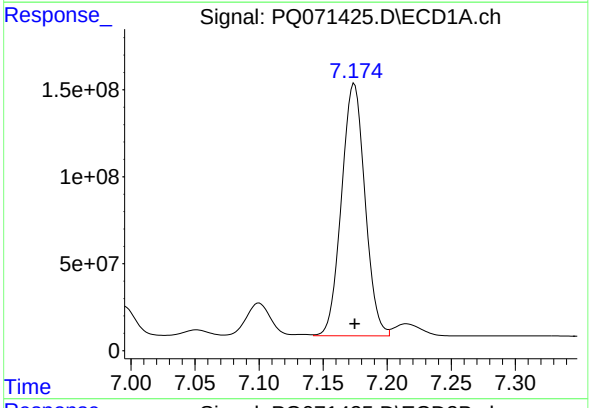
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 889050964
Conc: 2126.18 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL



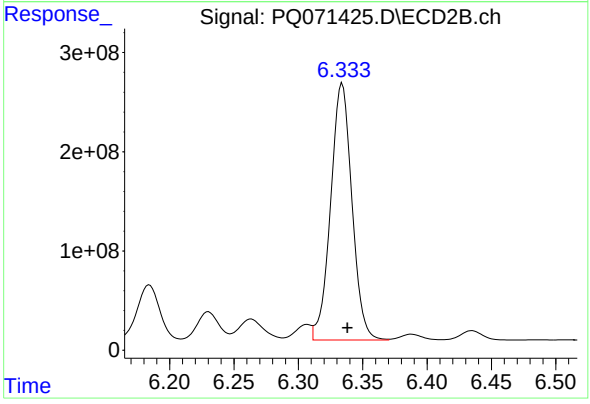
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 1233807423
Conc: 2490.63 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1849166598
Conc: 2221.92 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 2989264284
Conc: 2603.24 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AF9DL2	SDG No.:	Q3672
Lab Sample ID:	Q3672-12DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	2000	UD	100	473	2000	ug/kg	11/24/25 14:09	PB170653
11104-28-2	Aroclor-1221	2000	UD	100	482	2000	ug/kg	11/24/25 14:09	PB170653
11141-16-5	Aroclor-1232	2000	UD	100	445	2000	ug/kg	11/24/25 14:09	PB170653
53469-21-9	Aroclor-1242	2000	UD	100	480	2000	ug/kg	11/24/25 14:09	PB170653
12672-29-6	Aroclor-1248	25000	D	100	708	2000	ug/kg	11/24/25 14:09	PB170653
11097-69-1	Aroclor-1254	2000	UD	100	384	2000	ug/kg	11/24/25 14:09	PB170653
37324-23-5	Aroclor-1262	2000	UD	100	601	2000	ug/kg	11/24/25 14:09	PB170653
11100-14-4	Aroclor-1268	2000	UD	100	431	2000	ug/kg	11/24/25 14:09	PB170653
11096-82-5	Aroclor-1260	22000	D	100	386	2000	ug/kg	11/24/25 14:09	PB170653
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

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 : PQ071483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 14:09
Operator : YP\AJ
Sample : Q3672-12DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 15:14:39 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							
21)	L5 AR-1248-1	4.516	3.884	135.3E6	129.5E6	710.364	608.334	
22)	L5 AR-1248-2	4.761	4.095	117.8E6	135.9E6	484.210	478.425	
23)	L5 AR-1248-3	4.949	4.132	169.3E6	156.1E6	576.311	557.118	
24)	L5 AR-1248-4	5.310	4.292	216.8E6	201.5E6	824.888	581.845	#
25)	L5 AR-1248-5	5.338	4.669	161.9E6	262.6E6	478.480	753.203	#
31)	L7 AR-1260-1	6.042	5.293	236.3E6	335.1E6	528.148	671.696	#
32)	L7 AR-1260-2	6.300	5.482	284.8E6	347.1E6	557.436	572.341	
33)	L7 AR-1260-3	6.652	5.625	186.9E6	319.8E6	488.428	540.939	
34)	L7 AR-1260-4	6.867	6.088	207.8E6	243.1E6	496.906	490.808	
35)	L7 AR-1260-5	7.174	6.333	416.4E6	556.2E6	500.293	484.417	

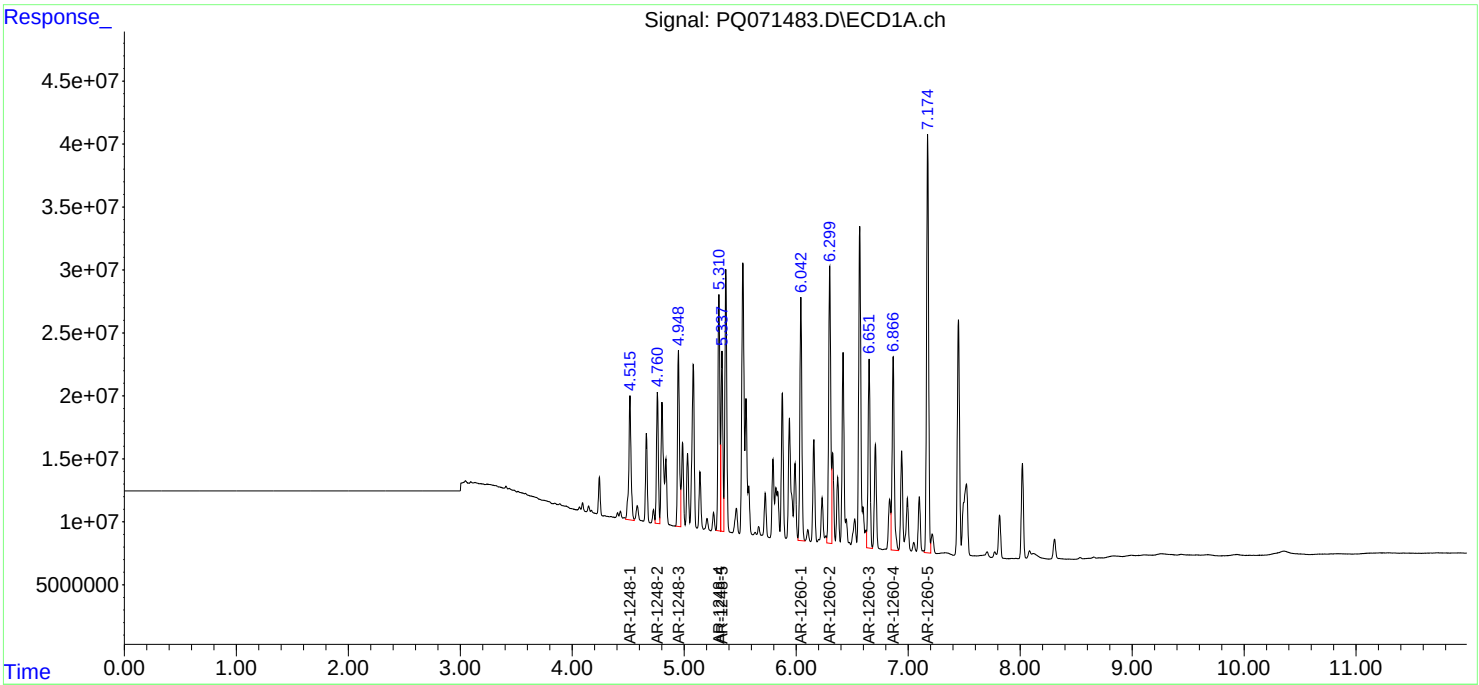
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

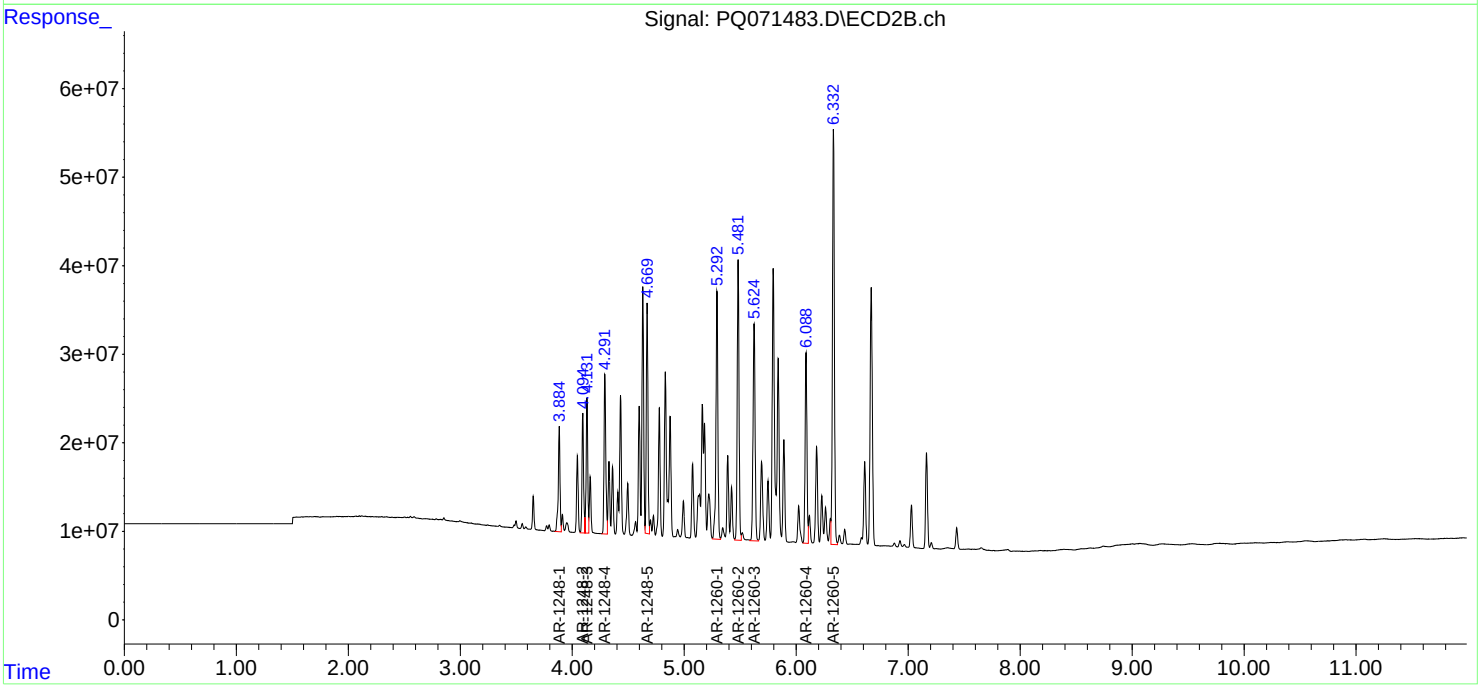
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 14:09
Operator : YP\AJ
Sample : Q3672-12DL2 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

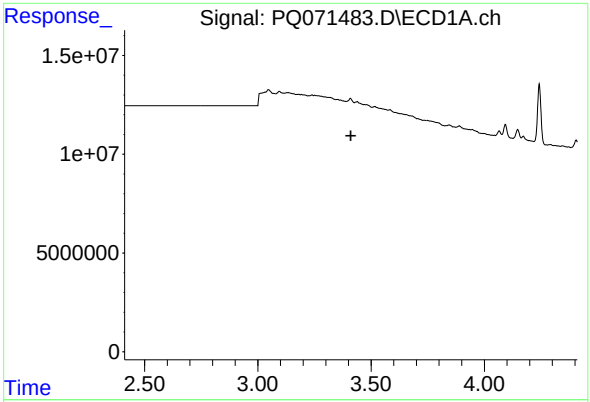
Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 15:14:39 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



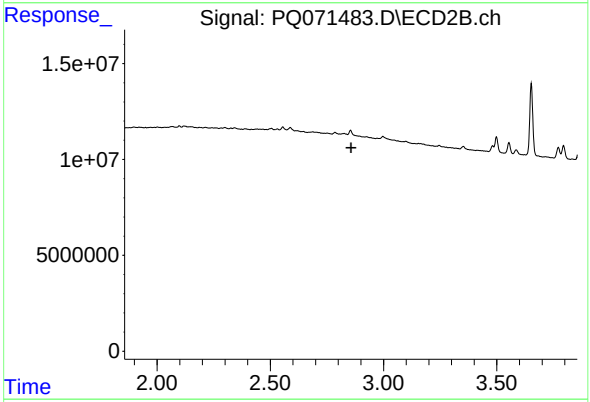




#1 Tetrachloro-m-xylene

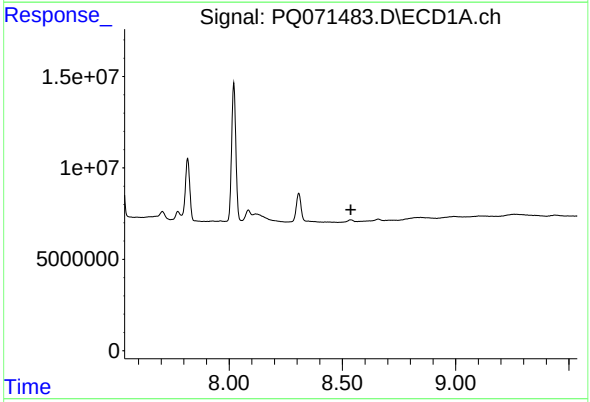
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



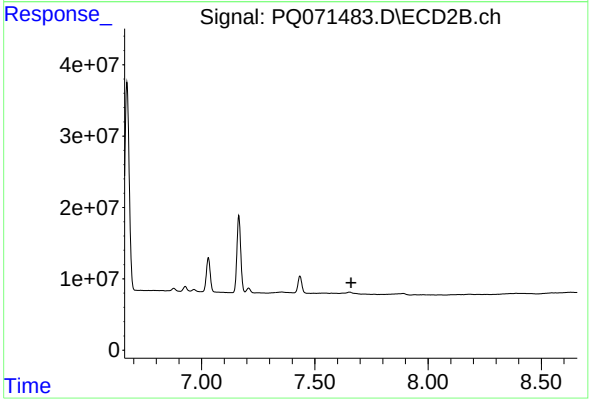
#1 Tetrachloro-m-xylene

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



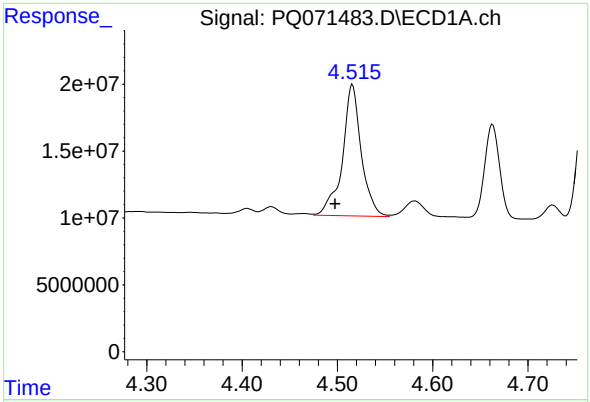
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

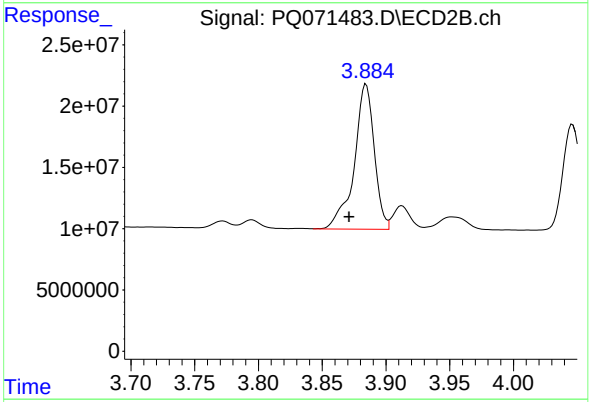
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#21 AR-1248-1

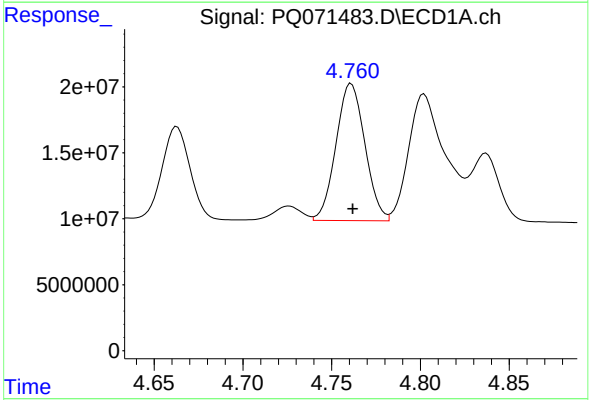
R.T.: 4.516 min
Delta R.T.: 0.018 min
Response: 135320352
Conc: 710.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



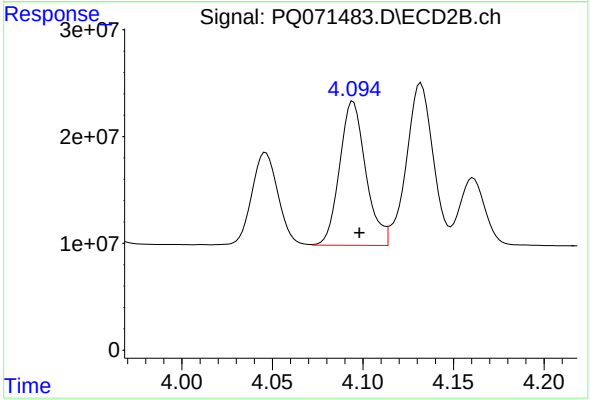
#21 AR-1248-1

R.T.: 3.884 min
Delta R.T.: 0.013 min
Response: 129499928
Conc: 608.33 ng/ml



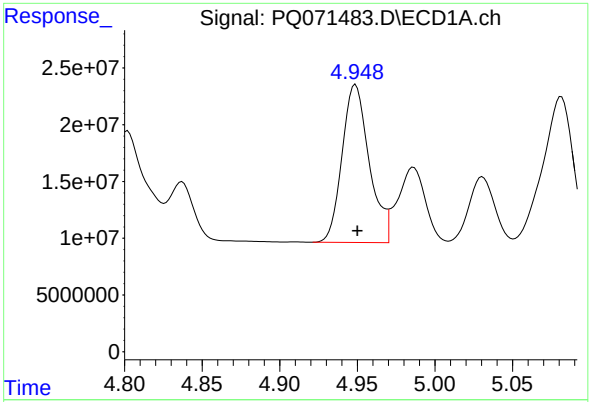
#22 AR-1248-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 117802088
Conc: 484.21 ng/ml



#22 AR-1248-2

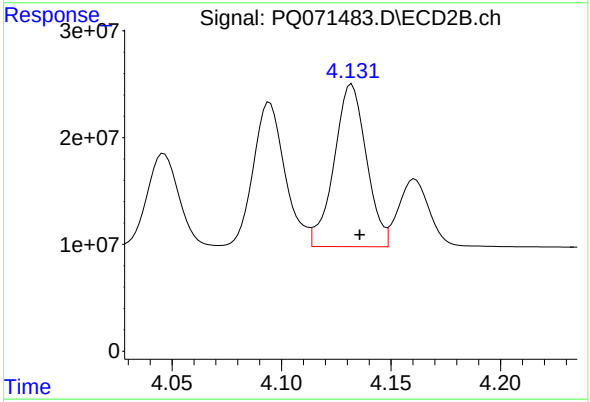
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 135880777
Conc: 478.42 ng/ml



#23 AR-1248-3

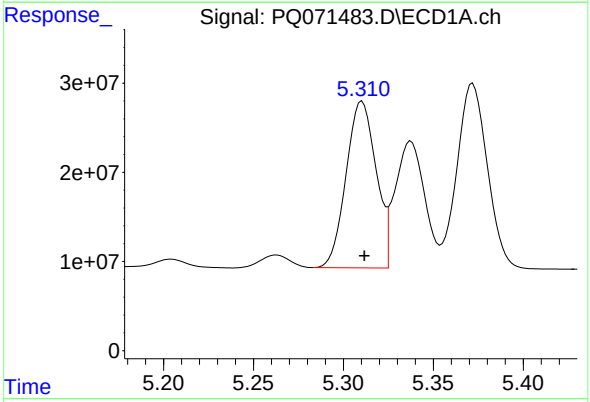
R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 169335125
Conc: 576.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



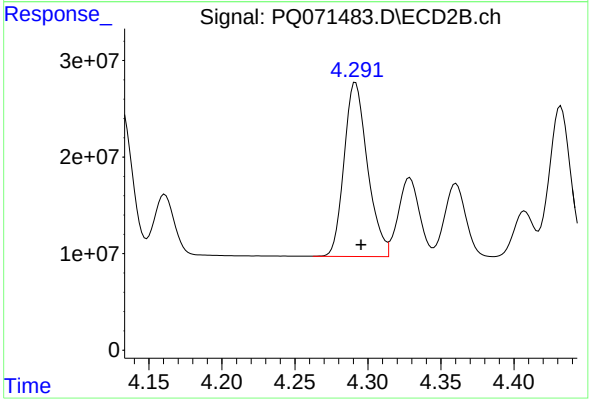
#23 AR-1248-3

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 156055681
Conc: 557.12 ng/ml



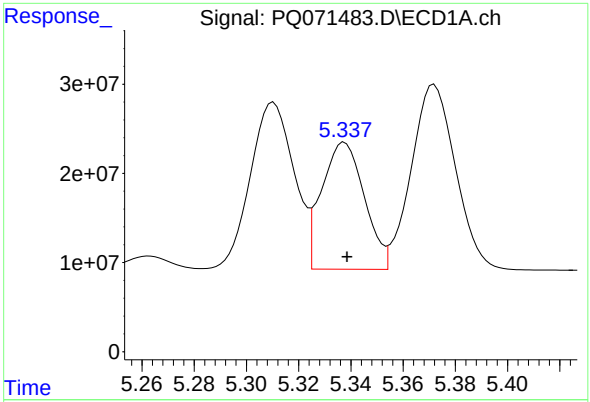
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 216845015
Conc: 824.89 ng/ml



#24 AR-1248-4

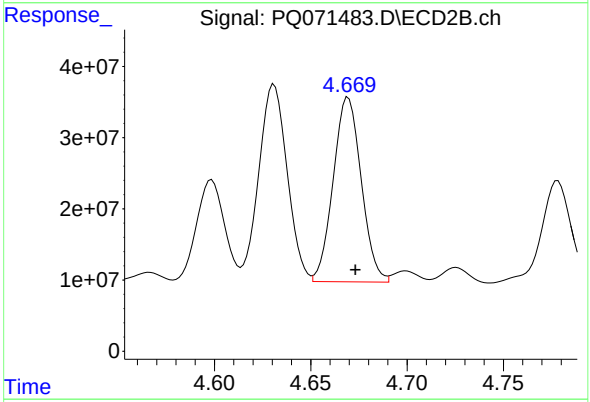
R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 201541768
Conc: 581.84 ng/ml



#25 AR-1248-5

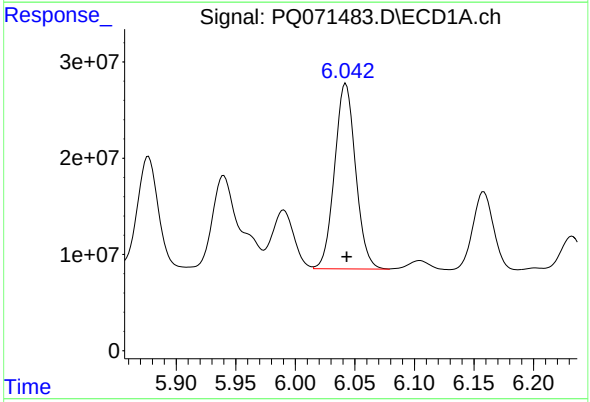
R.T.: 5.338 min
Delta R.T.: -0.001 min
Response: 161891960
Conc: 478.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



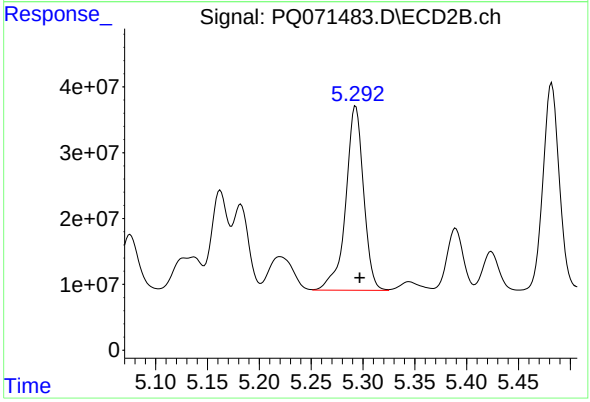
#25 AR-1248-5

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 262595257
Conc: 753.20 ng/ml



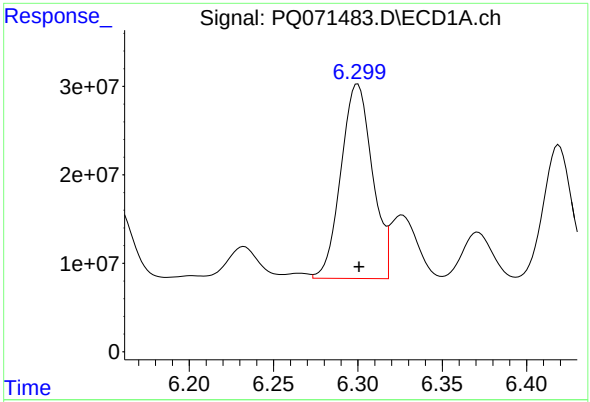
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 236344777
Conc: 528.15 ng/ml



#31 AR-1260-1

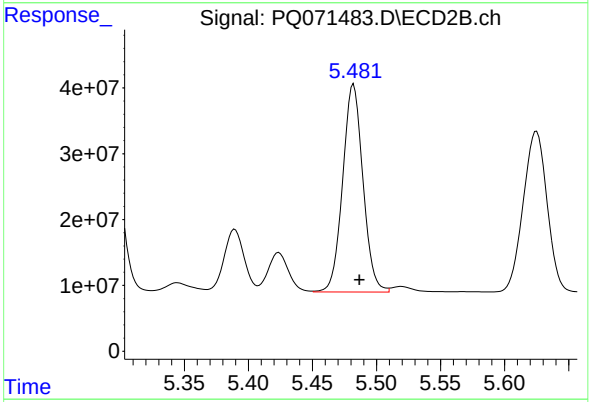
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 335127308
Conc: 671.70 ng/ml



#32 AR-1260-2

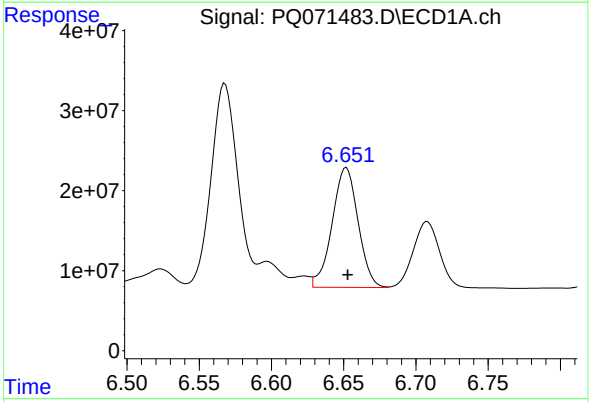
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 284801790
Conc: 557.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



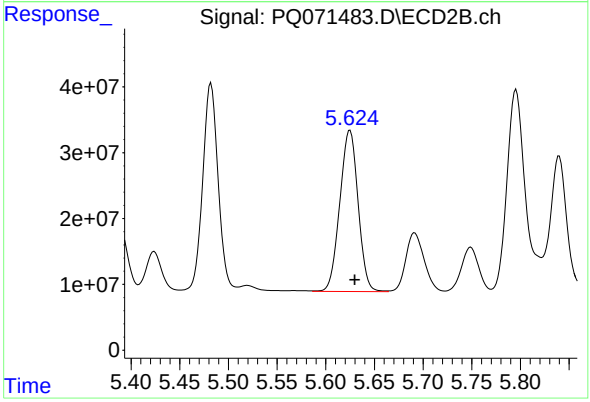
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 347053902
Conc: 572.34 ng/ml



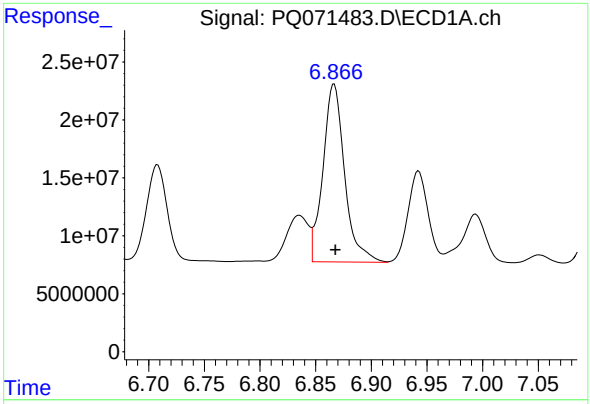
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 186937700
Conc: 488.43 ng/ml



#33 AR-1260-3

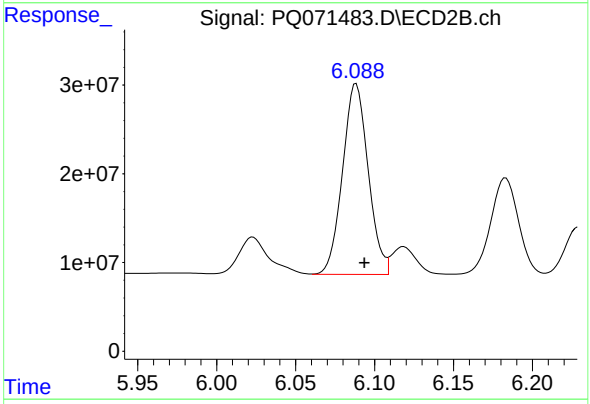
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 319794802
Conc: 540.94 ng/ml



#34 AR-1260-4

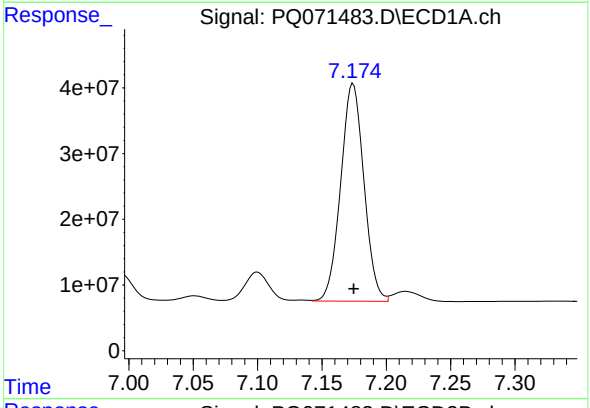
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 207778670
Conc: 496.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AF9DL2



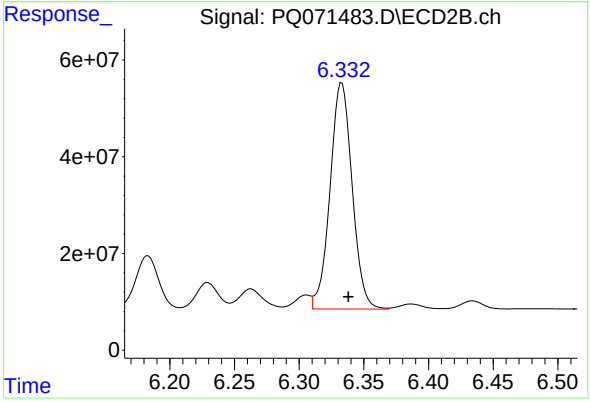
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 243135972
Conc: 490.81 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 416362567
Conc: 500.29 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 556249697
Conc: 484.42 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG0	SDG No.:	Q3672
Lab Sample ID:	Q3672-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.5
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.1	U	1	4.90	21.1	ug/kg	11/21/25 02:22	PB170653
11104-28-2	Aroclor-1221	21.1	U	1	5.00	21.1	ug/kg	11/21/25 02:22	PB170653
11141-16-5	Aroclor-1232	21.1	U	1	4.60	21.1	ug/kg	11/21/25 02:22	PB170653
53469-21-9	Aroclor-1242	21.1	U	1	5.00	21.1	ug/kg	11/21/25 02:22	PB170653
12672-29-6	Aroclor-1248	21.1	U	1	7.30	21.1	ug/kg	11/21/25 02:22	PB170653
11097-69-1	Aroclor-1254	21.1	U	1	4.00	21.1	ug/kg	11/21/25 02:22	PB170653
37324-23-5	Aroclor-1262	21.1	U	1	6.20	21.1	ug/kg	11/21/25 02:22	PB170653
11100-14-4	Aroclor-1268	21.1	U	1	4.50	21.1	ug/kg	11/21/25 02:22	PB170653
11096-82-5	Aroclor-1260	62000	E	1	4.00	21.1	ug/kg	11/21/25 02:22	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.9			21 - 165	134%	SPK: 20		
2051-24-3	Decachlorobiphenyl	152	*		10 - 170	760%	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

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\PQ112025\
Data File : PQ071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:22
Operator : YP\AJ
Sample : Q3672-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG0

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:56 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	2.855	233.9E6	221.4E6	26.871	23.717
2)	SA Decachlor...	8.534	7.654	951.9E6	1288.8E6	152.025	141.041
	Target Compounds						
31)	L7 AR-1260-1	6.066	5.318	52228.1E6	51567.1E6	116711.686	103356.115
32)	L7 AR-1260-2	6.290	5.475	74120.0E6	53678.1E6	145073.452	88522.787 #
33)	L7 AR-1260-3	6.692f	5.607	57260.0E6	68558.4E6	149607.894m	115967.902m
34)	L7 AR-1260-4	6.835f	6.085	95093.0E6	70348.4E6	227416.563	142009.300 #
35)	L7 AR-1260-5	7.216f	6.298f	91169.9E6	94645.9E6	109547.894	82423.641m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:22
Operator : YP\AJ
Sample : Q3672-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

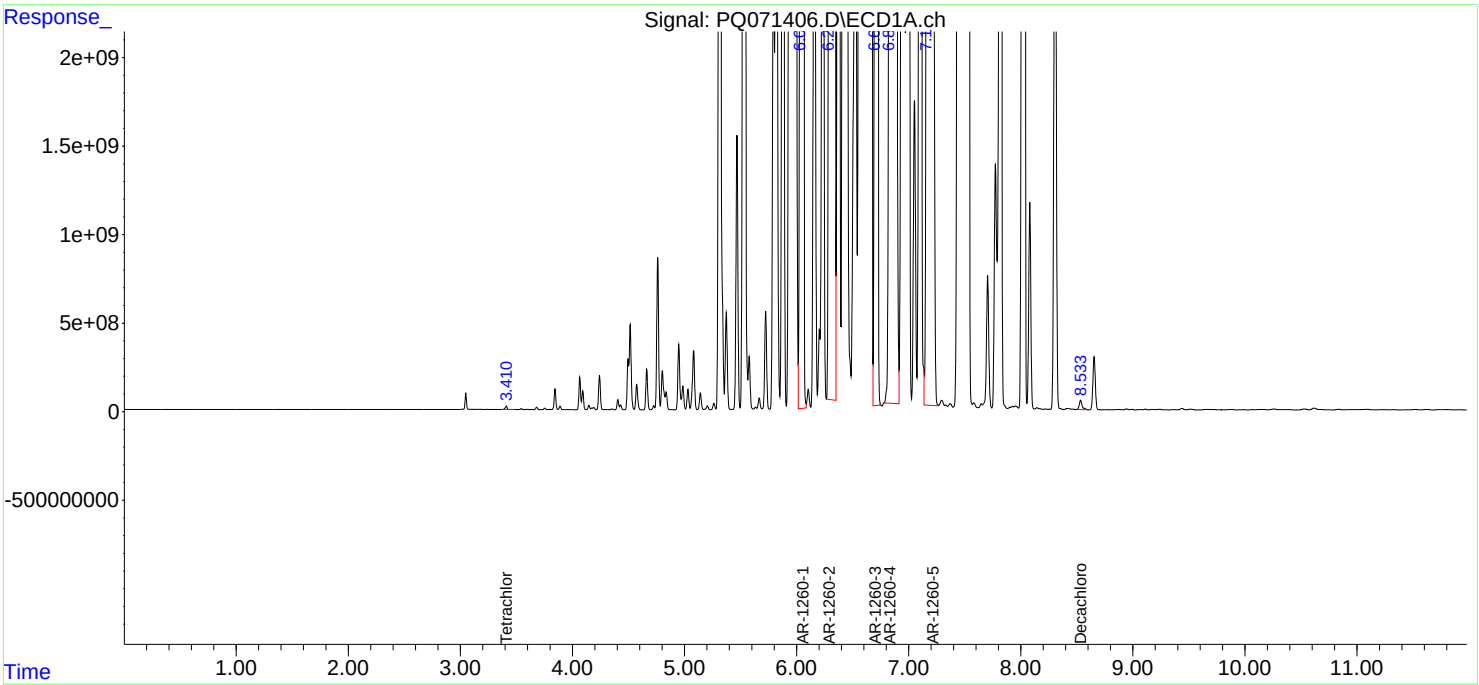
Instrument :
ECD_Q
ClientSampleId :
C0AG0

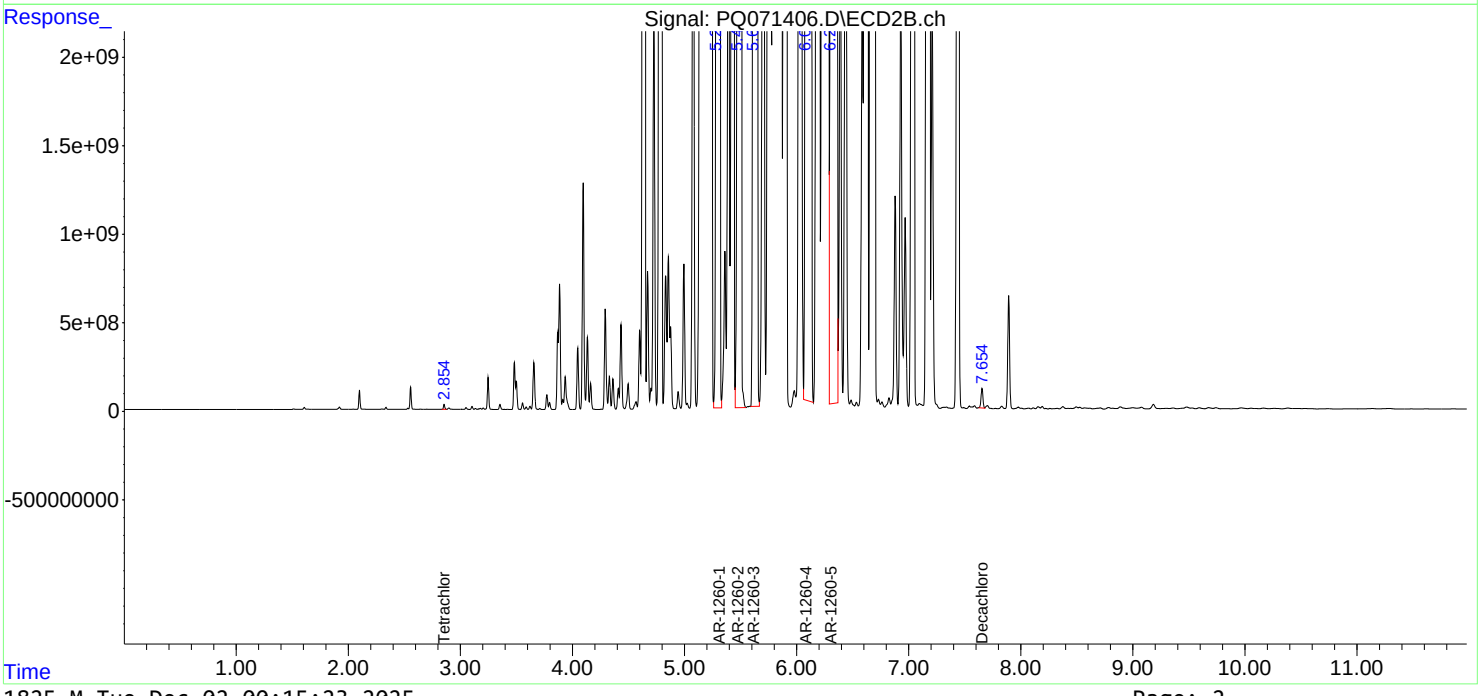
Manual Integrations APPROVED

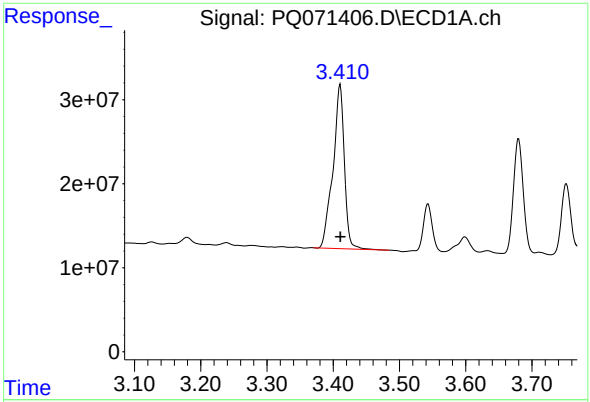
Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:53:56 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







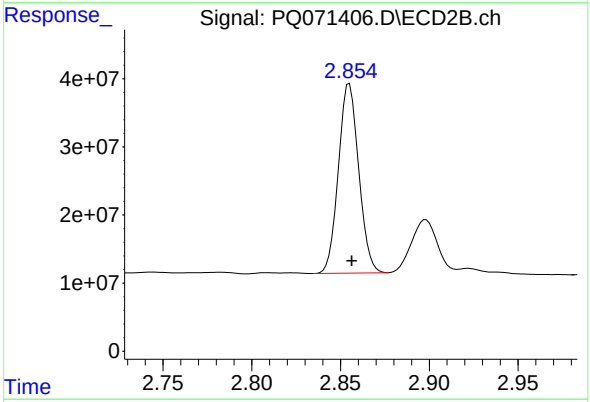
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 233914468
Conc: 26.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG0

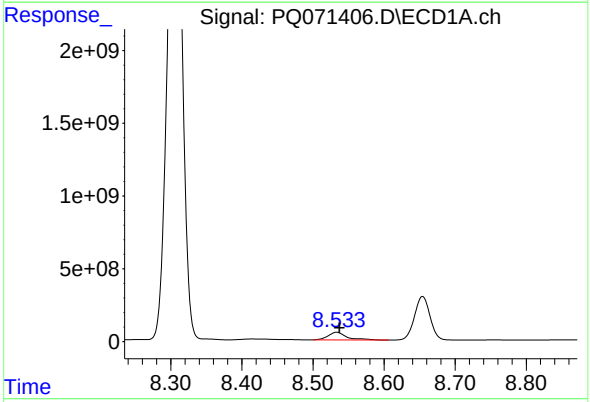
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



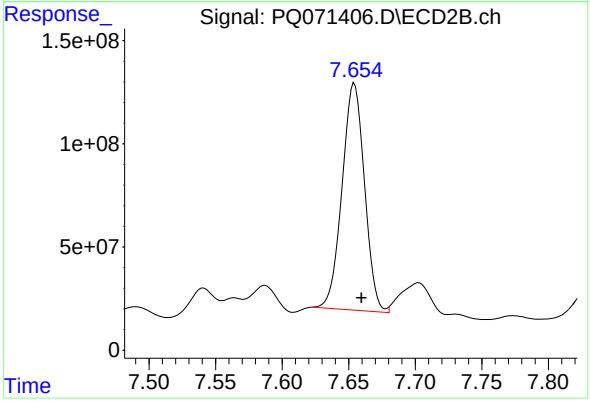
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 221442622
Conc: 23.72 ng/ml



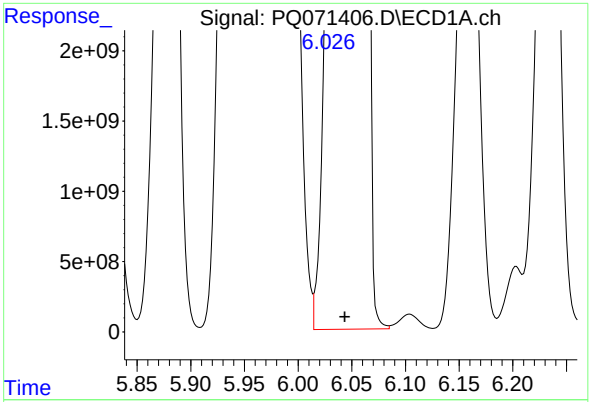
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 951909363
Conc: 152.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 1288790666
Conc: 141.04 ng/ml



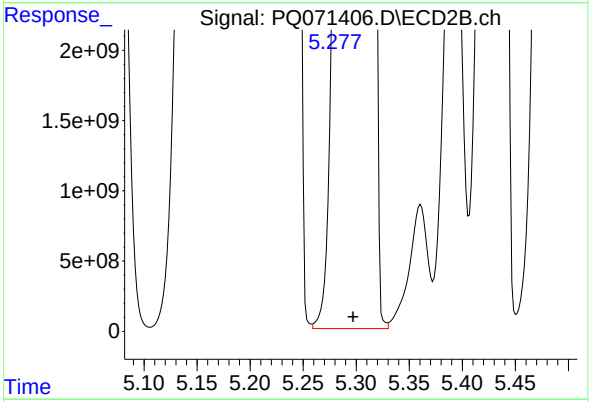
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: 0.022 min
Response: 52228146429
Conc: 116711.69 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AG0

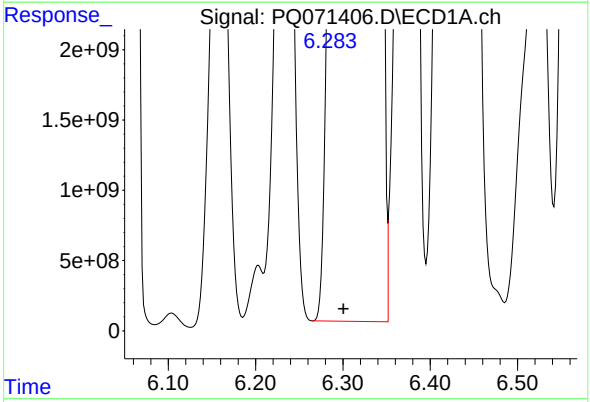
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



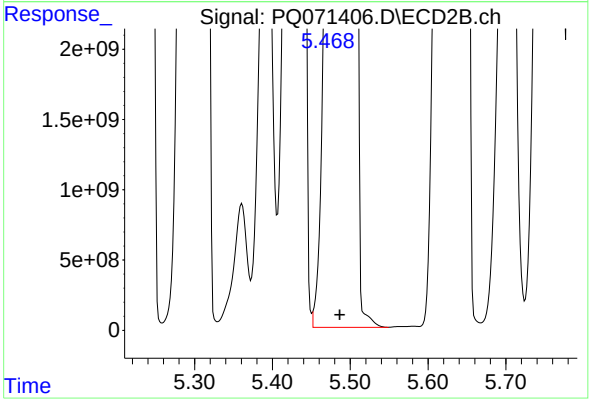
#31 AR-1260-1

R.T.: 5.318 min
Delta R.T.: 0.021 min
Response: 51567137323
Conc: 103356.12 ng/ml



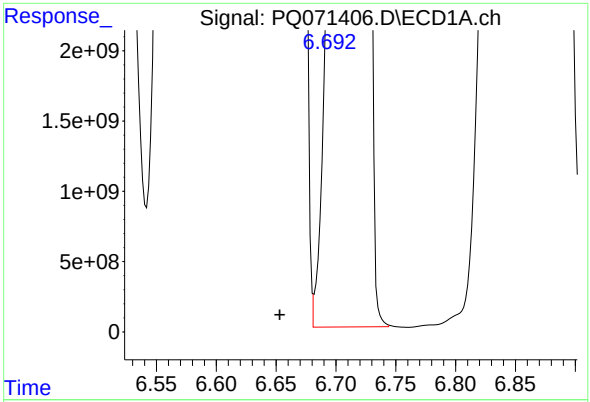
#32 AR-1260-2

R.T.: 6.290 min
Delta R.T.: -0.011 min
Response: 74120032887
Conc: 145073.45 ng/ml



#32 AR-1260-2

R.T.: 5.475 min
Delta R.T.: -0.012 min
Response: 53678077815
Conc: 88522.79 ng/ml



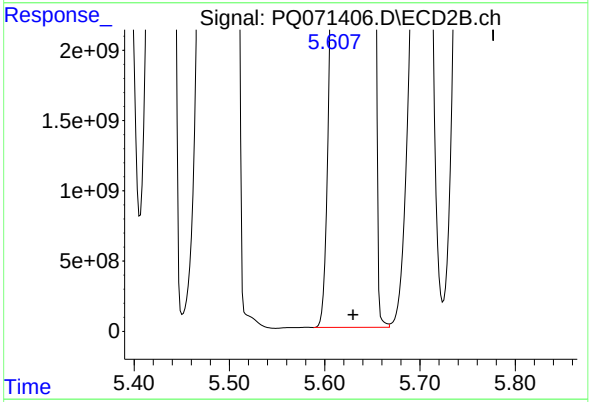
#33 AR-1260-3

R.T.: 6.692 min
Delta R.T.: 0.040 min
Response: 57259993118
Conc: 149607.89 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AG0

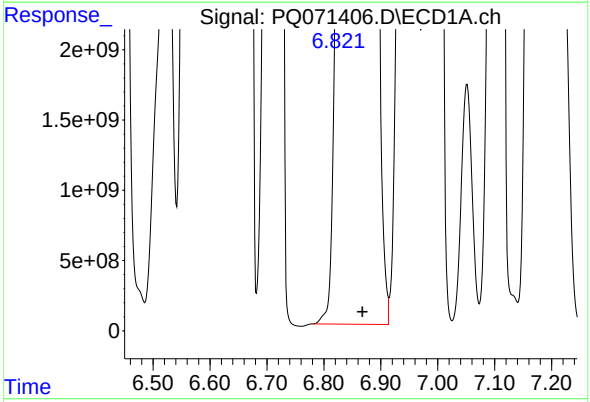
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



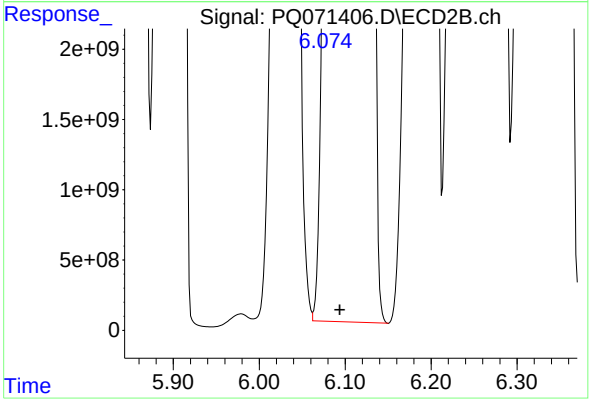
#33 AR-1260-3

R.T.: 5.607 min
Delta R.T.: -0.022 min
Response: 68558381299
Conc: 115967.90 ng/ml m



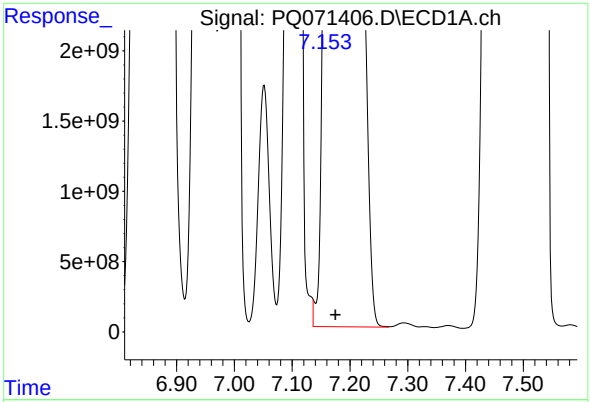
#34 AR-1260-4

R.T.: 6.835 min
Delta R.T.: -0.033 min
Response: 95093011650
Conc: 227416.56 ng/ml



#34 AR-1260-4

R.T.: 6.085 min
Delta R.T.: -0.009 min
Response: 70348395069
Conc: 142009.30 ng/ml



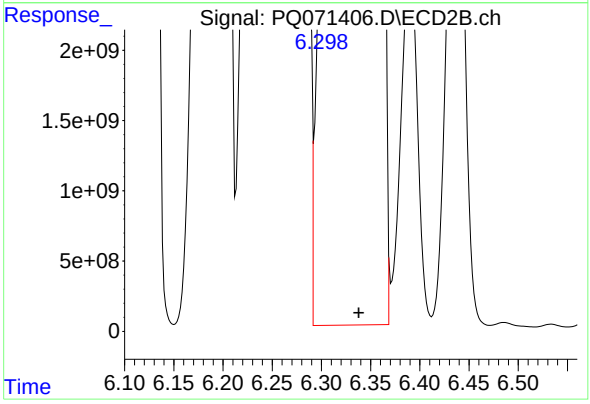
#35 AR-1260-5

R.T.: 7.216 min
Delta R.T.: 0.041 min
Response: 91169895012
Conc: 109547.89 ng/

Instrument :
ECD_Q
ClientSampleId :
C0AG0

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/01/2025
Supervised By :Sohil Jodhani 12/01/2025



#35 AR-1260-5

R.T.: 6.298 min
Delta R.T.: -0.041 min
Response: 94645899091
Conc: 82423.64 ng/ml m

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG0DL	SDG No.:	Q3672
Lab Sample ID:	Q3672-13DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.5
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21000	UD	1000	4900	21000	ug/kg	11/24/25 16:29	PB170653
11104-28-2	Aroclor-1221	21000	UD	1000	5000	21000	ug/kg	11/24/25 16:29	PB170653
11141-16-5	Aroclor-1232	21000	UD	1000	4600	21000	ug/kg	11/24/25 16:29	PB170653
53469-21-9	Aroclor-1242	21000	UD	1000	5000	21000	ug/kg	11/24/25 16:29	PB170653
12672-29-6	Aroclor-1248	21000	UD	1000	7300	21000	ug/kg	11/24/25 16:29	PB170653
11097-69-1	Aroclor-1254	21000	UD	1000	4000	21000	ug/kg	11/24/25 16:29	PB170653
37324-23-5	Aroclor-1262	21000	UD	1000	6200	21000	ug/kg	11/24/25 16:29	PB170653
11100-14-4	Aroclor-1268	21000	UD	1000	4500	21000	ug/kg	11/24/25 16:29	PB170653
11096-82-5	Aroclor-1260	630000	ED	1000	4000	21000	ug/kg	11/24/25 16:29	PB170653
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

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 : PQ071489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:29
Operator : YP\AJ
Sample : Q3672-13DL 1000X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 16:46:26 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						
	Target Compounds						
31)	L7 AR-1260-1	6.055	5.293	642.9E6	759.3E6	1436.636	1521.886
32)	L7 AR-1260-2	6.311	5.482	780.3E6	954.2E6	1527.245	1573.649
33)	L7 AR-1260-3	6.665	5.626	542.5E6	895.8E6	1417.398	1515.260
34)	L7 AR-1260-4	6.880	6.090	605.6E6	727.1E6	1448.396	1467.824
35)	L7 AR-1260-5	7.186	6.334	1276.3E6	1759.9E6	1533.550	1532.638

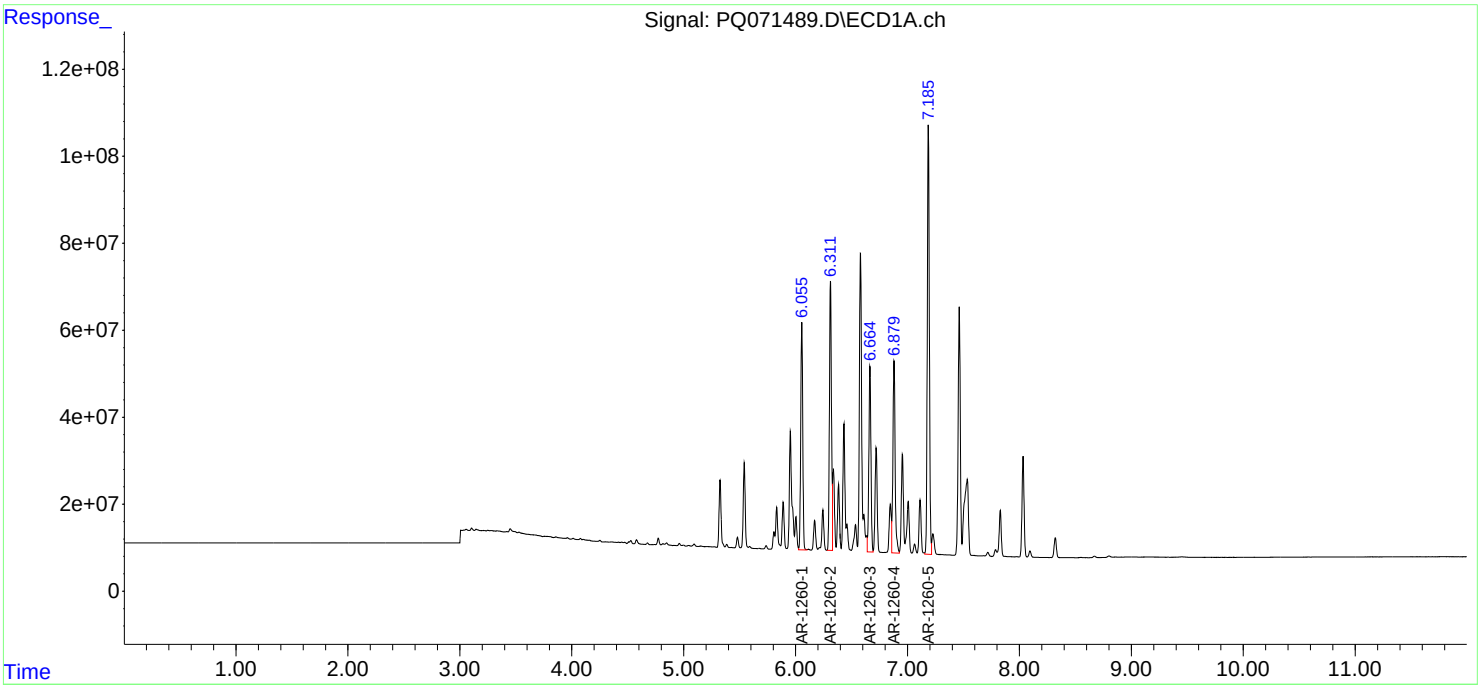
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

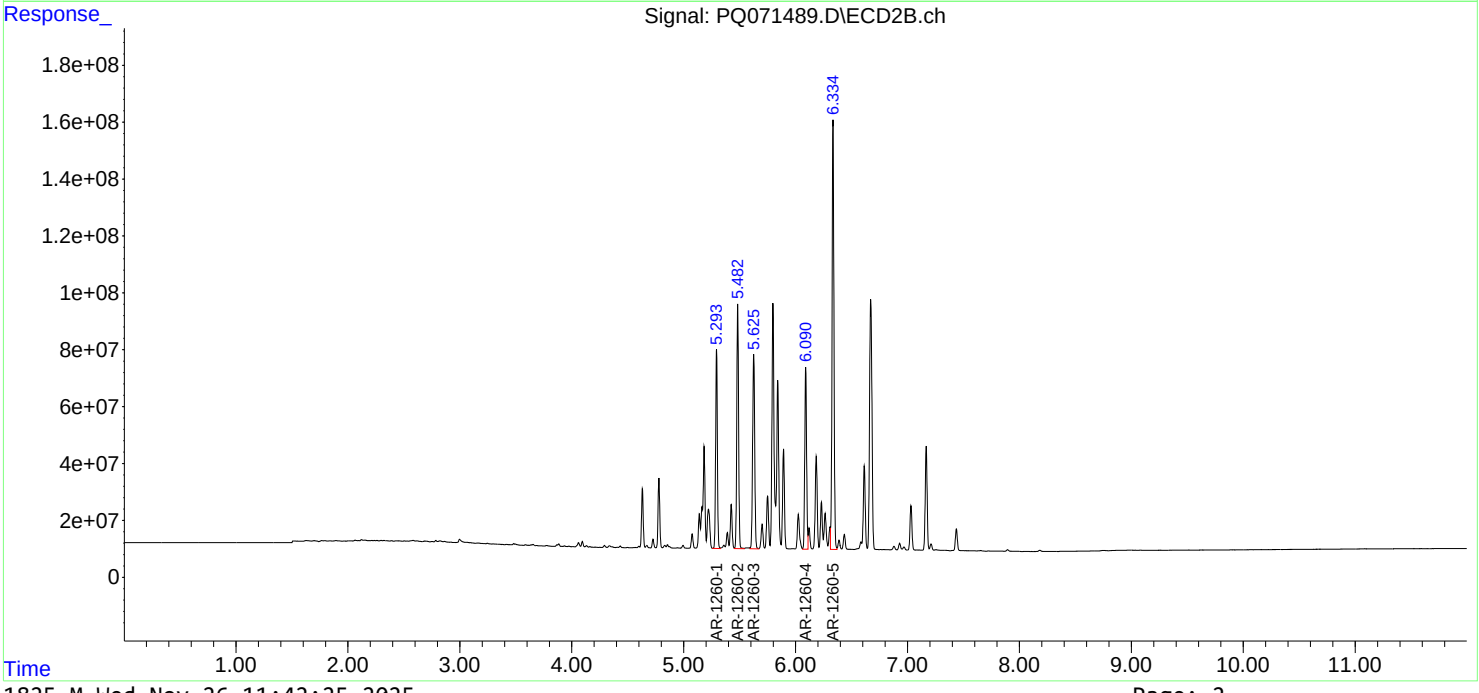
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 16:29
Operator : YP\AJ
Sample : Q3672-13DL 1000X
Misc :
ALS Vial : 15 Sample Multiplier: 1

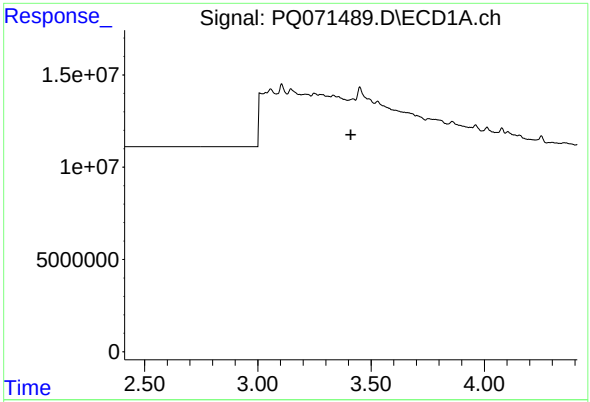
Instrument :
ECD_Q
ClientSampleId :
C0AG0DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 16:46:26 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



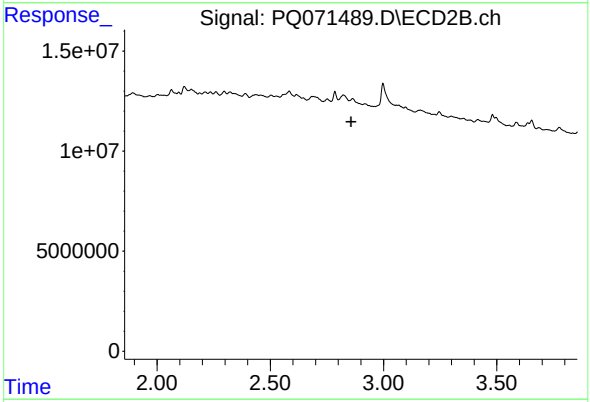




#1 Tetrachloro-m-xylene

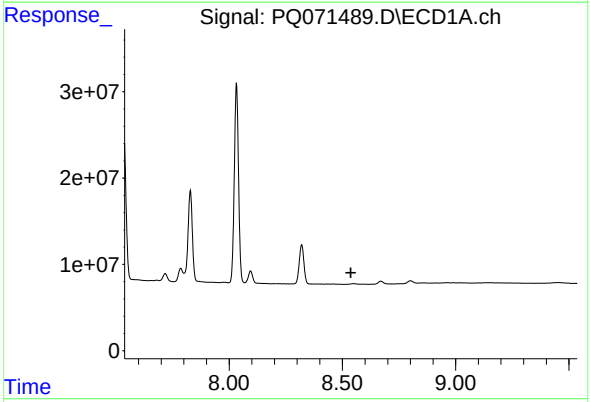
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL



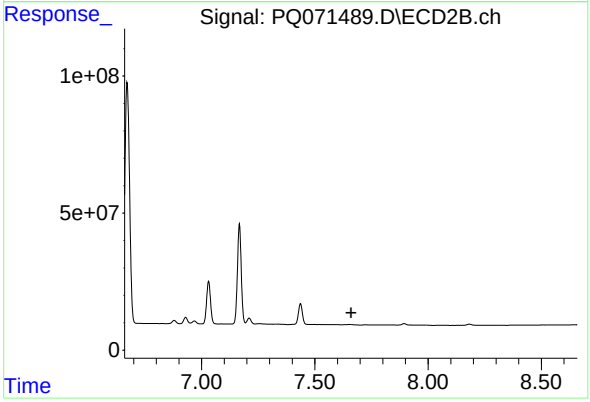
#1 Tetrachloro-m-xylene

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



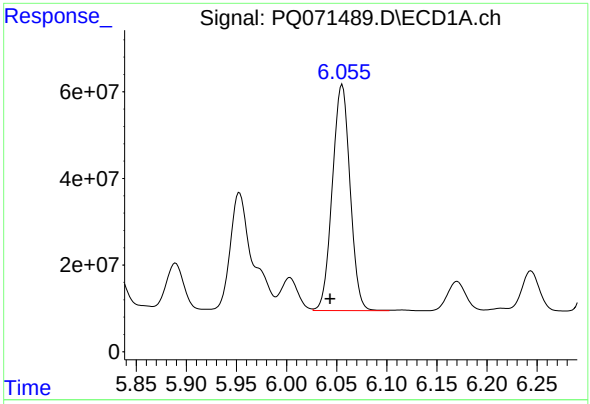
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

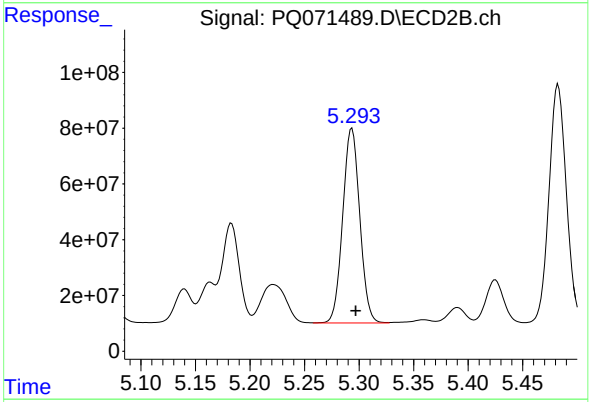
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

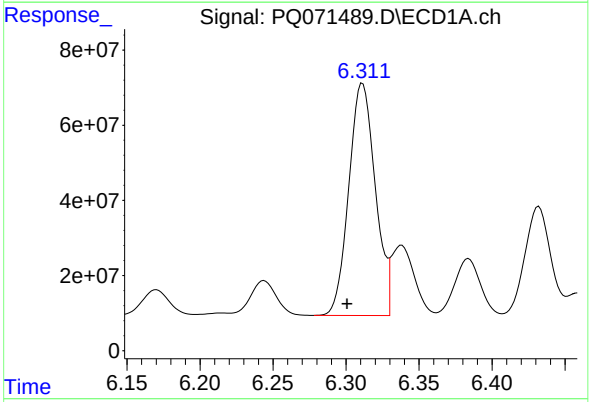
R.T.: 6.055 min
Delta R.T.: 0.012 min
Response: 642890416
Conc: 1436.64 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL



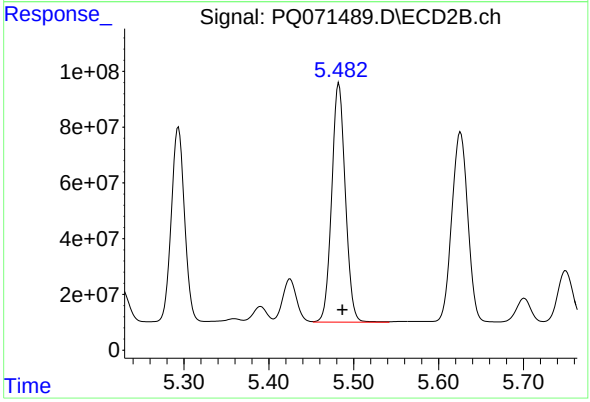
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.003 min
Response: 759309783
Conc: 1521.89 ng/ml



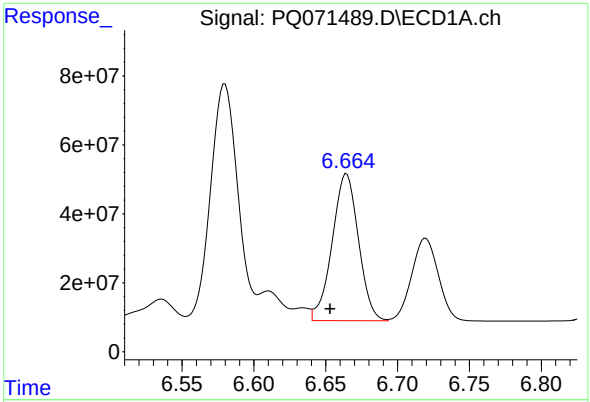
#32 AR-1260-2

R.T.: 6.311 min
Delta R.T.: 0.011 min
Response: 780290531
Conc: 1527.24 ng/ml



#32 AR-1260-2

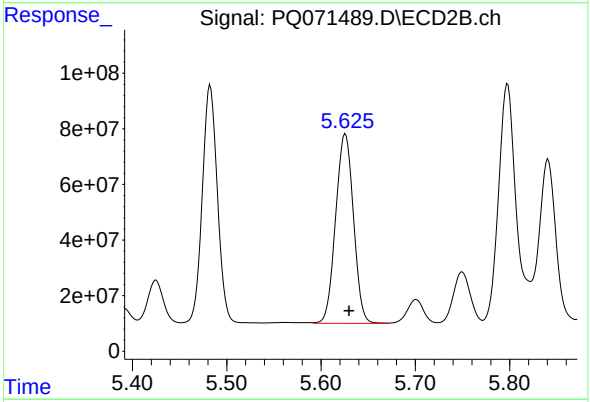
R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 954222645
Conc: 1573.65 ng/ml



#33 AR-1260-3

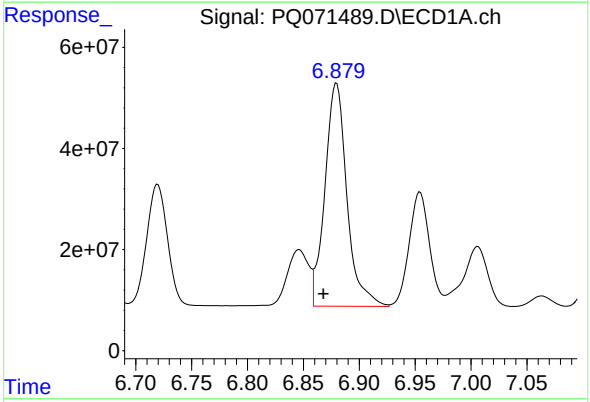
R.T.: 6.665 min
Delta R.T.: 0.012 min
Response: 542485895
Conc: 1417.40 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL



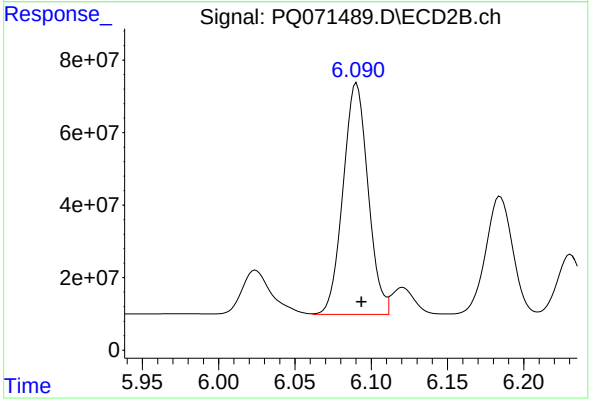
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 895797566
Conc: 1515.26 ng/ml



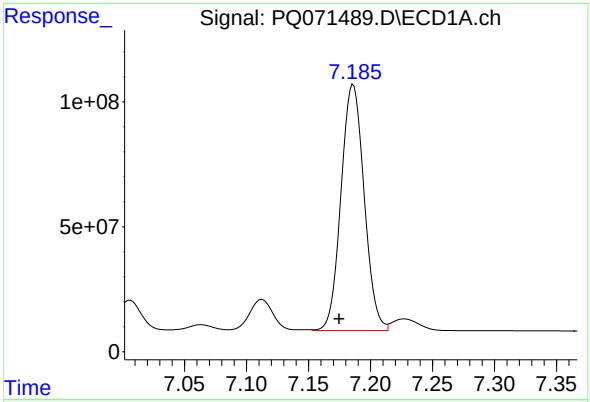
#34 AR-1260-4

R.T.: 6.880 min
Delta R.T.: 0.012 min
Response: 605639057
Conc: 1448.40 ng/ml



#34 AR-1260-4

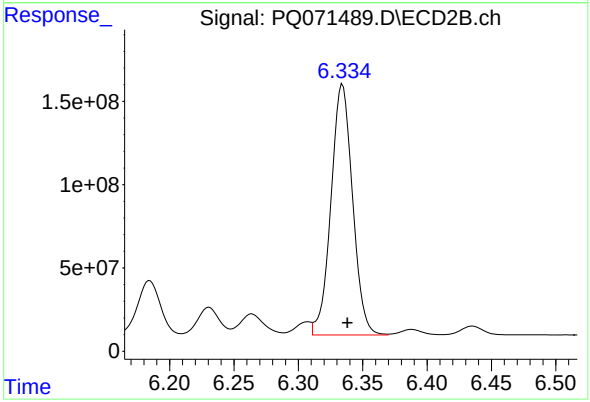
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 727129026
Conc: 1467.82 ng/ml



#35 AR-1260-5

R.T.: 7.186 min
Delta R.T.: 0.011 min
Response: 1276278160
Conc: 1533.55 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 1759906751
Conc: 1532.64 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG0DL2	SDG No.:	Q3672
Lab Sample ID:	Q3672-13DL2	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.5
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	42000	UD	2000	9800	42000	ug/kg	11/24/25 17:42	PB170653
11104-28-2	Aroclor-1221	42000	UD	2000	10000	42000	ug/kg	11/24/25 17:42	PB170653
11141-16-5	Aroclor-1232	42000	UD	2000	9200	42000	ug/kg	11/24/25 17:42	PB170653
53469-21-9	Aroclor-1242	42000	UD	2000	9900	42000	ug/kg	11/24/25 17:42	PB170653
12672-29-6	Aroclor-1248	42000	UD	2000	15000	42000	ug/kg	11/24/25 17:42	PB170653
11097-69-1	Aroclor-1254	42000	UD	2000	8000	42000	ug/kg	11/24/25 17:42	PB170653
37324-23-5	Aroclor-1262	42000	UD	2000	12000	42000	ug/kg	11/24/25 17:42	PB170653
11100-14-4	Aroclor-1268	42000	UD	2000	8900	42000	ug/kg	11/24/25 17:42	PB170653
11096-82-5	Aroclor-1260	510000	D	2000	8000	42000	ug/kg	11/24/25 17:42	PB170653
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

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 : PQ071494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:42
Operator : YP\AJ
Sample : Q3672-13DL2 2000X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:54:42 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	6.042	5.292	267.2E6	310.3E6	597.194	622.021
32)	L7 AR-1260-2	6.299	5.481	323.1E6	385.6E6	632.471	635.829
33)	L7 AR-1260-3	6.652	5.624	223.8E6	364.2E6	584.731	616.000
34)	L7 AR-1260-4	6.867	6.088	247.9E6	294.4E6	592.803	594.355
35)	L7 AR-1260-5	7.174	6.332	503.7E6	683.0E6	605.262	594.818

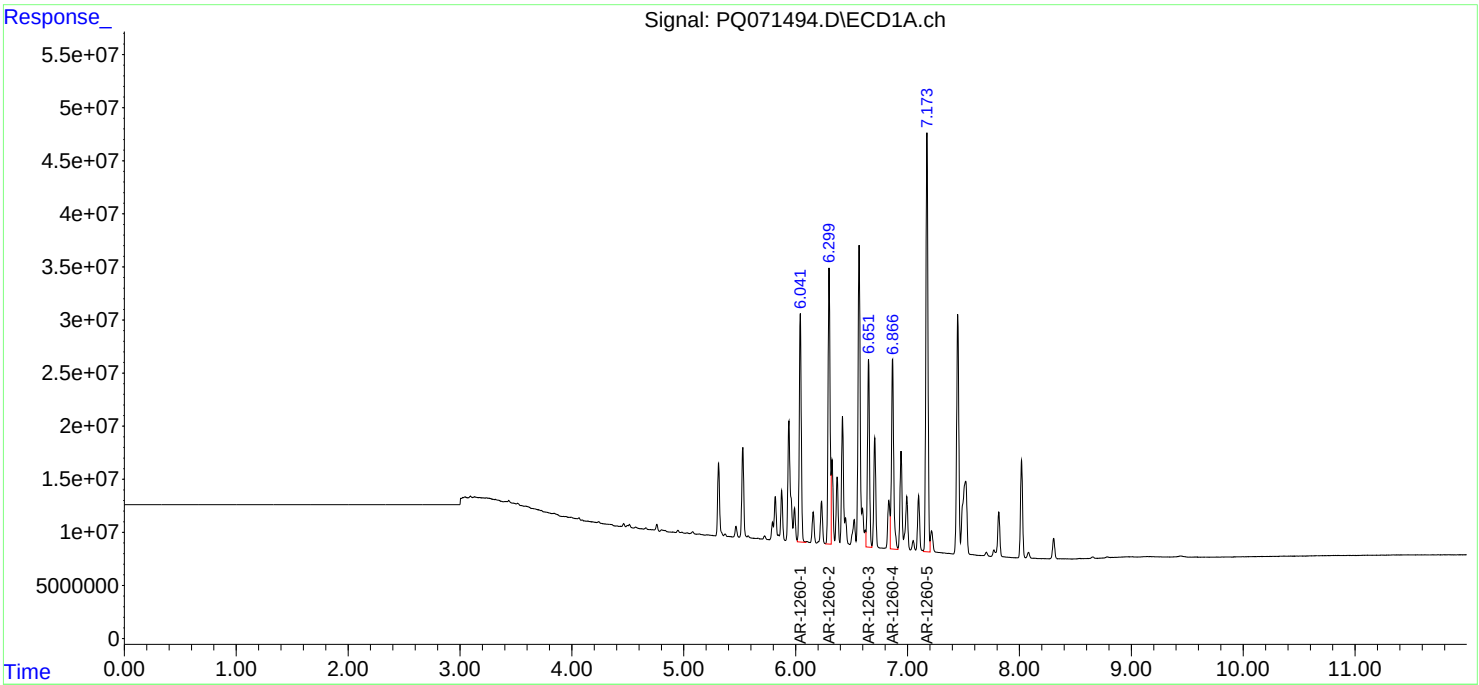
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

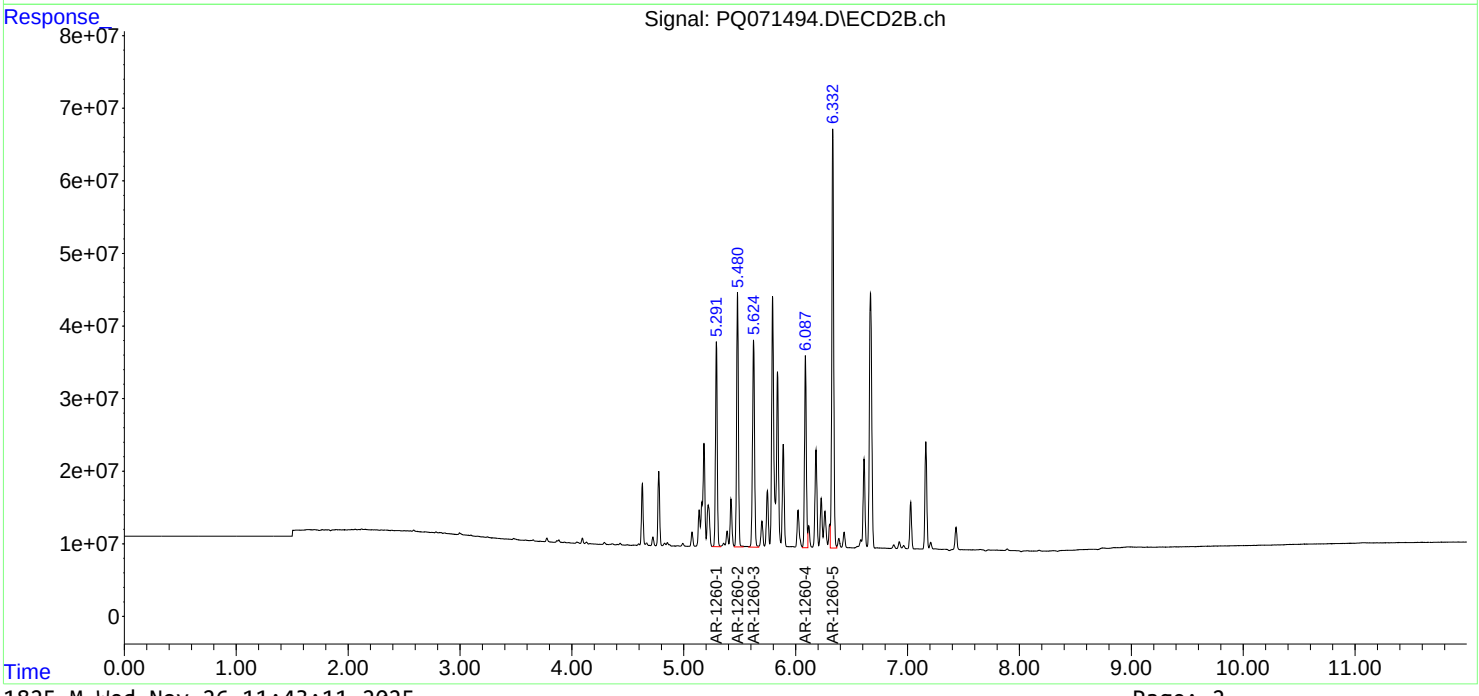
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 17:42
Operator : YP\AJ
Sample : Q3672-13DL2 2000X
Misc :
ALS Vial : 20 Sample Multiplier: 1

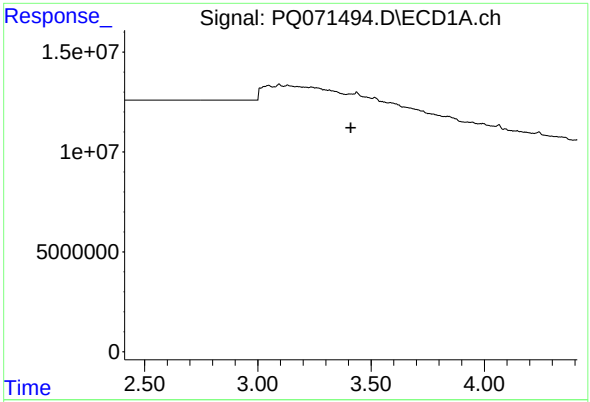
Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 17:54:42 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



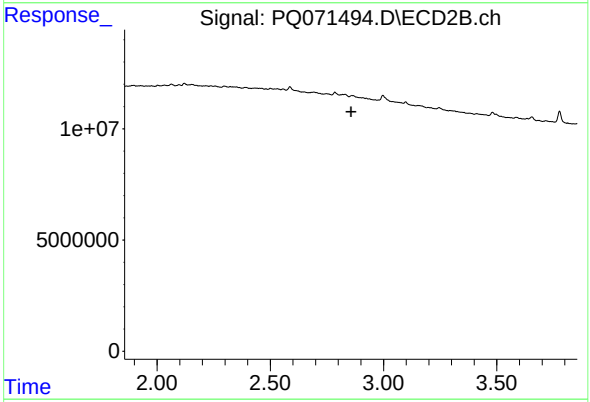




#1 Tetrachloro-m-xylene

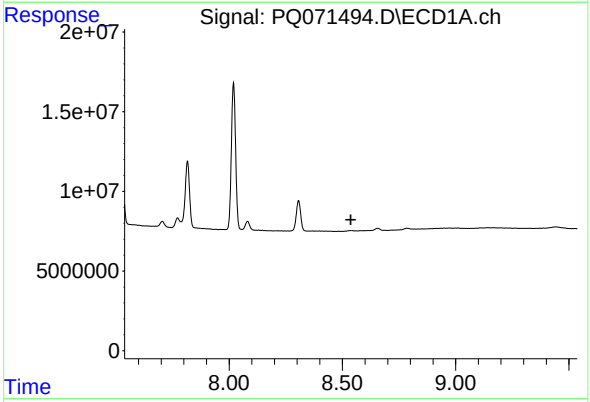
R.T.: 0.000 min
Exp R.T. : 3.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2



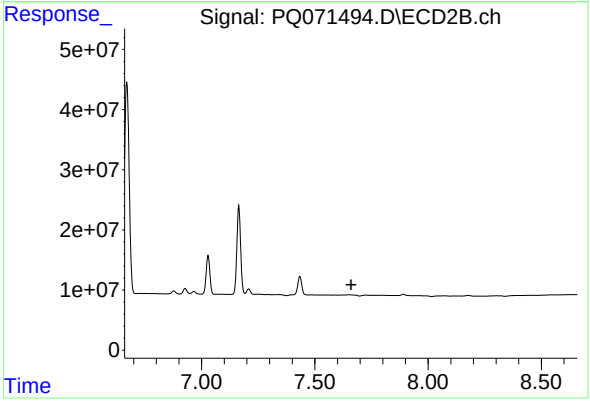
#1 Tetrachloro-m-xylene

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



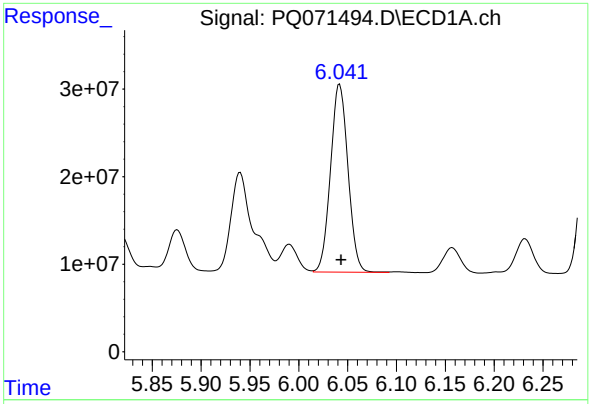
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

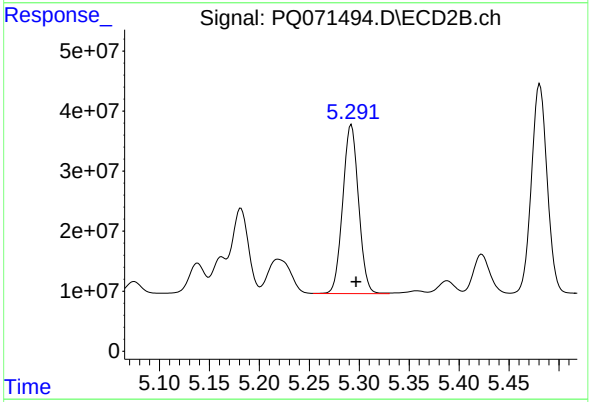
R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



#31 AR-1260-1

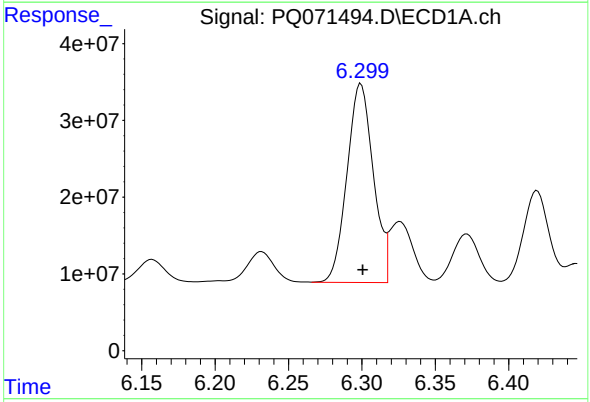
R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 267242487
Conc: 597.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2



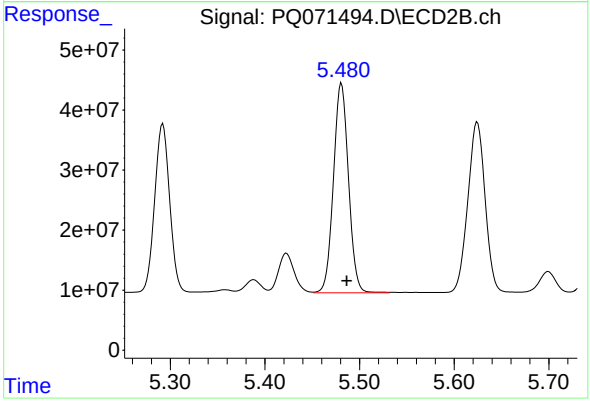
#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 310342899
Conc: 622.02 ng/ml



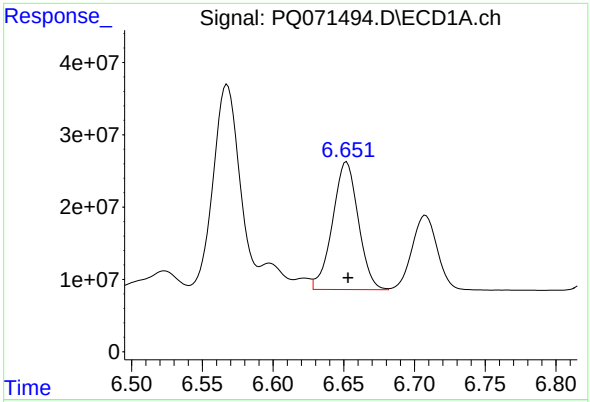
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 323138312
Conc: 632.47 ng/ml



#32 AR-1260-2

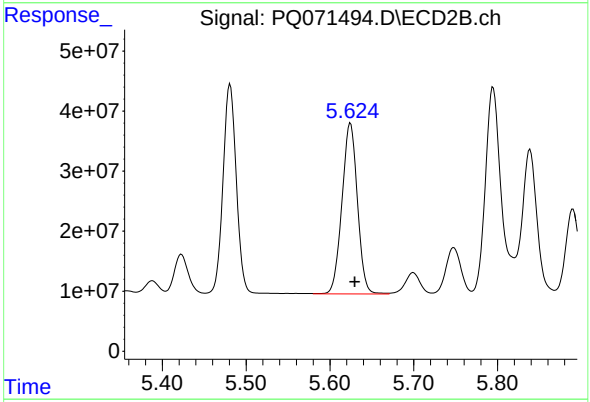
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 385551115
Conc: 635.83 ng/ml



#33 AR-1260-3

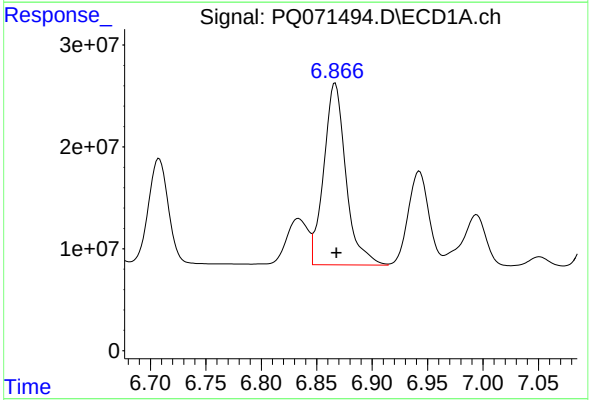
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 223796347
Conc: 584.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2



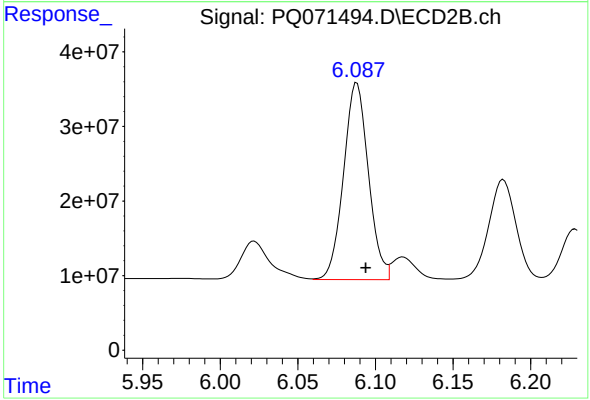
#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 364169442
Conc: 616.00 ng/ml



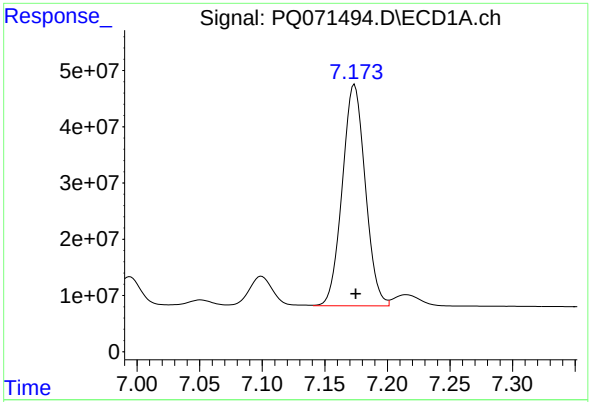
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 247877307
Conc: 592.80 ng/ml



#34 AR-1260-4

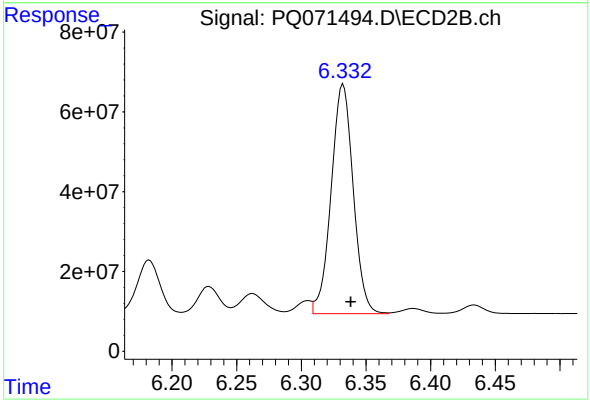
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 294431029
Conc: 594.36 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 503721531
Conc: 605.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG0DL2



#35 AR-1260-5

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 683020657
Conc: 594.82 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG1	SDG No.:	Q3672
Lab Sample ID:	Q3672-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.9
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.7	U	1	4.80	20.7	ug/kg	11/21/25 02:37	PB170653
11104-28-2	Aroclor-1221	20.7	U	1	4.90	20.7	ug/kg	11/21/25 02:37	PB170653
11141-16-5	Aroclor-1232	20.7	U	1	4.50	20.7	ug/kg	11/21/25 02:37	PB170653
53469-21-9	Aroclor-1242	20.7	U	1	4.90	20.7	ug/kg	11/21/25 02:37	PB170653
12672-29-6	Aroclor-1248	37.4		1	7.20	20.7	ug/kg	11/21/25 02:37	PB170653
11097-69-1	Aroclor-1254	20.7	U	1	3.90	20.7	ug/kg	11/21/25 02:37	PB170653
37324-23-5	Aroclor-1262	20.7	U	1	6.10	20.7	ug/kg	11/21/25 02:37	PB170653
11100-14-4	Aroclor-1268	20.7	U	1	4.40	20.7	ug/kg	11/21/25 02:37	PB170653
11096-82-5	Aroclor-1260	122		1	3.90	20.7	ug/kg	11/21/25 02:37	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.7			21 - 165	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.2			10 - 170	91%	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

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\PQ112025\
Data File : PQ071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:37
Operator : YP\AJ
Sample : Q3672-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:18 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	2.855	167.6E6	211.7E6	19.256	22.674	
2)	SA Decachlor...	8.534	7.654	95277379	166.7E6	15.216	18.241	
	Target Compounds							
21)	L5 AR-1248-1	4.496	3.869	9298308	15983214	48.811	75.082	#
22)	L5 AR-1248-2	4.760	4.096	15491637	23168945	63.676	81.576	#
23)	L5 AR-1248-3	4.947	4.133	19355427	25932593	65.874	92.579	#
24)	L5 AR-1248-4	5.309	4.293	23889152	32569257	90.875	94.026	
25)	L5 AR-1248-5	5.336	4.671	15645431	40760660	46.241	116.914	#
31)	L7 AR-1260-1	6.041	5.294	93743931	103.1E6	209.485	206.706	
32)	L7 AR-1260-2	6.299	5.483	190.7E6	256.2E6	373.292	422.586	
33)	L7 AR-1260-3	6.651	5.627	132.9E6	147.2E6	347.113	248.991	#
34)	L7 AR-1260-4	6.866	6.090	96673814	134.2E6	231.197	270.927	
35)	L7 AR-1260-5	7.173	6.335	274.4E6	405.5E6	329.702	353.163	

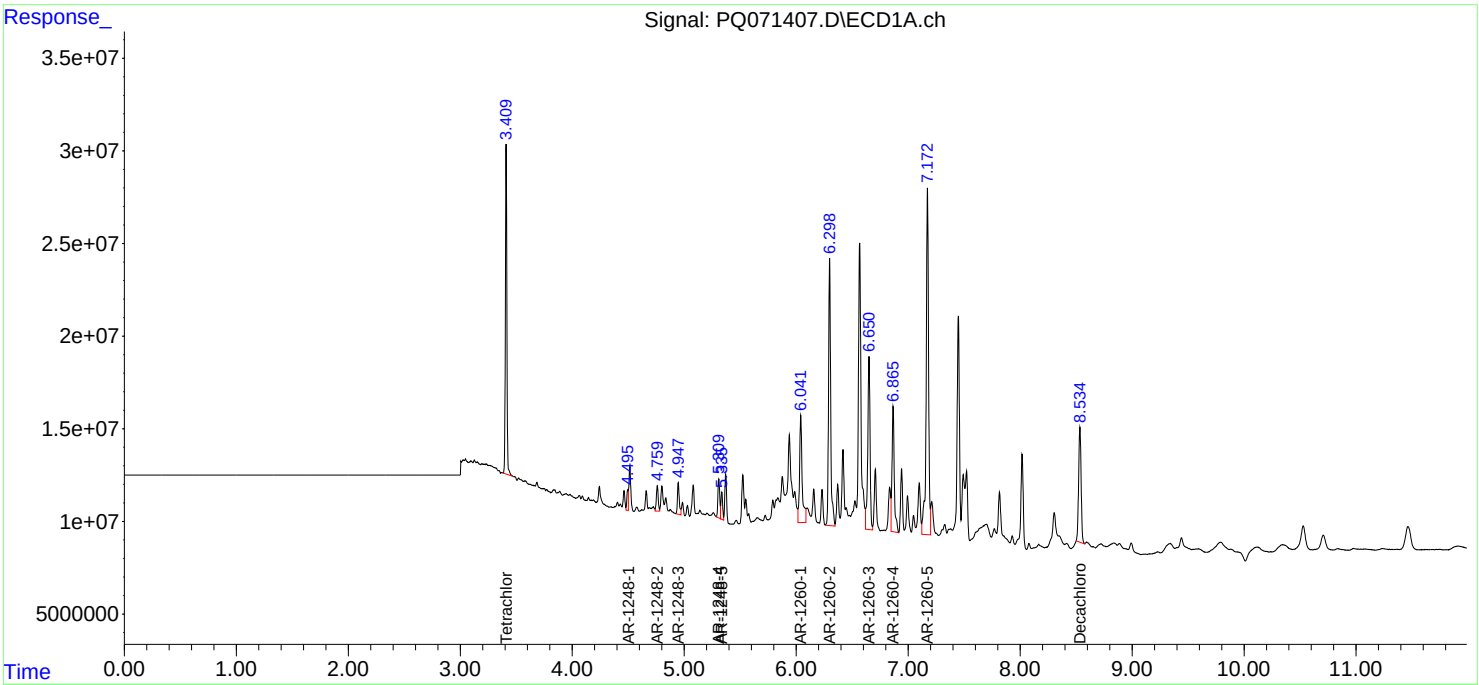
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

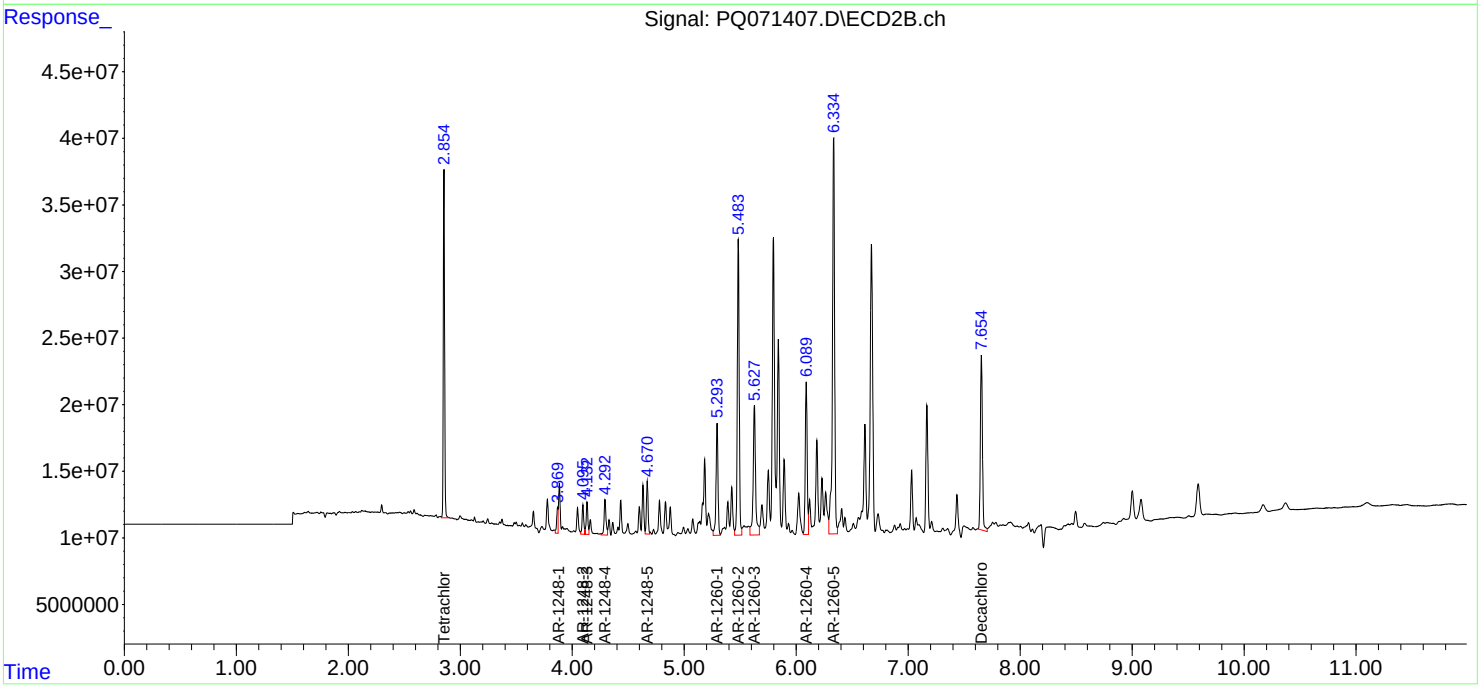
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:37
Operator : YP\AJ
Sample : Q3672-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

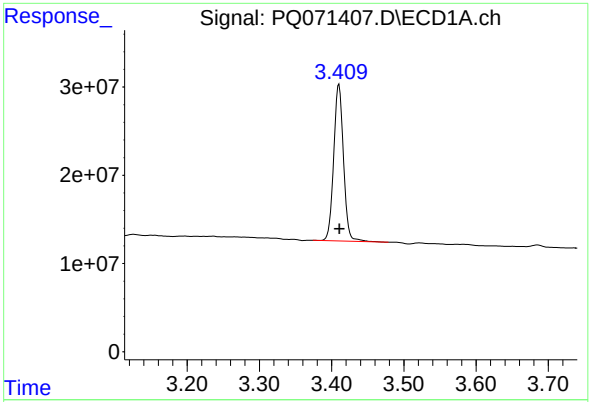
Instrument :
ECD_Q
ClientSampleId :
C0AG1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:18 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



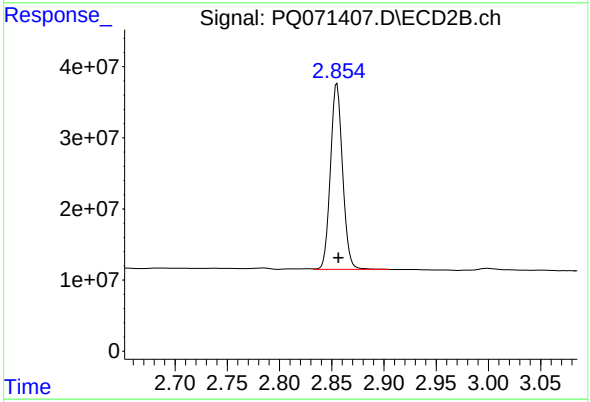




#1 Tetrachloro-m-xylene

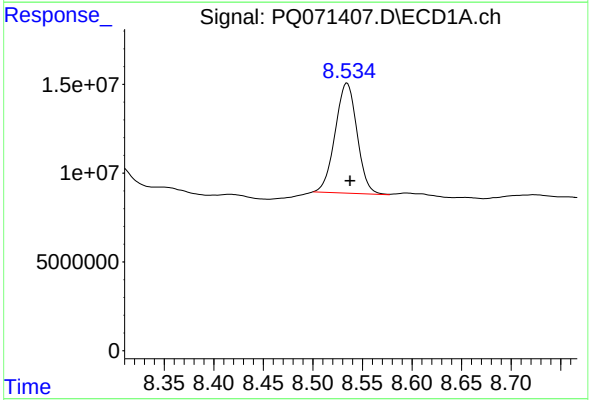
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 167627413
Conc: 19.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



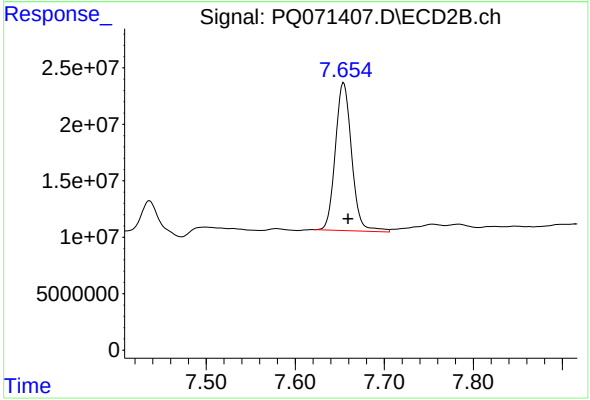
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 211703952
Conc: 22.67 ng/ml



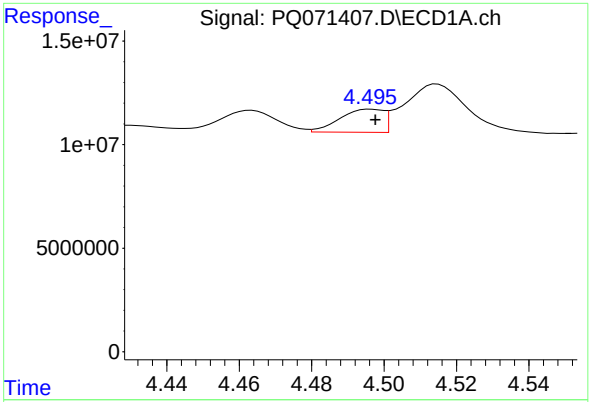
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 95277379
Conc: 15.22 ng/ml



#2 Decachlorobiphenyl

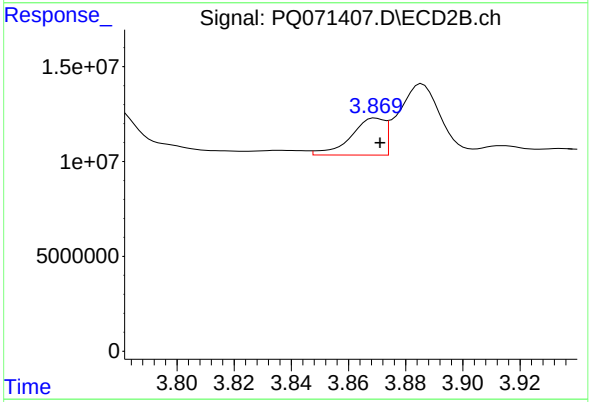
R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 166679614
Conc: 18.24 ng/ml



#21 AR-1248-1

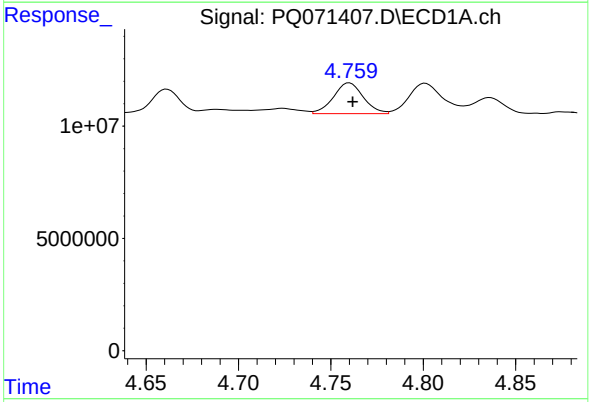
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 9298308
Conc: 48.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



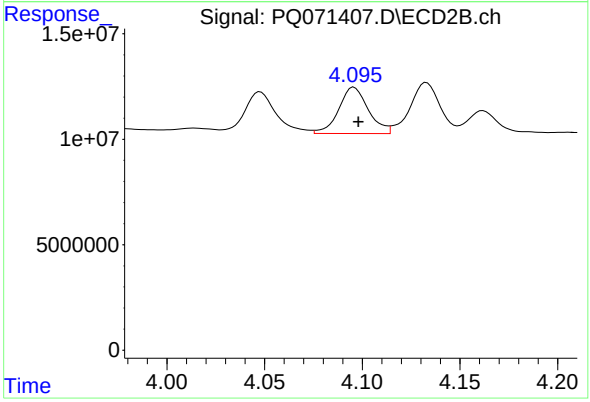
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 15983214
Conc: 75.08 ng/ml



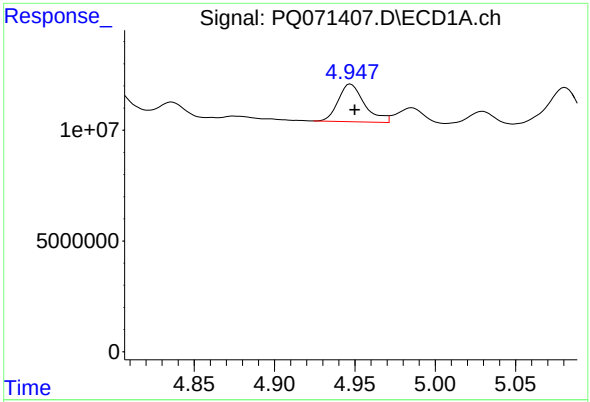
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 15491637
Conc: 63.68 ng/ml



#22 AR-1248-2

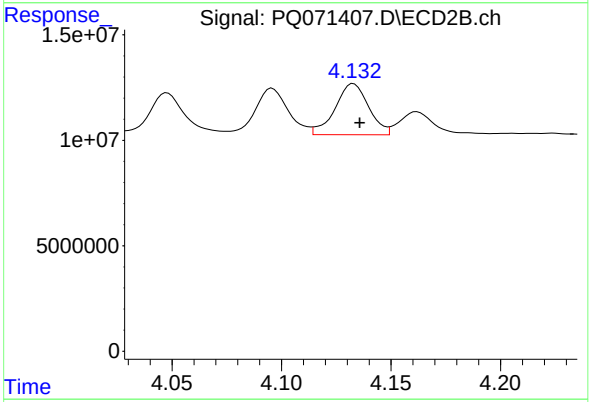
R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 23168945
Conc: 81.58 ng/ml



#23 AR-1248-3

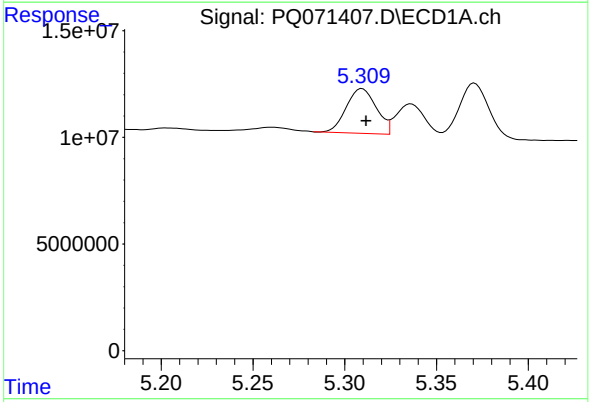
R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 19355427
Conc: 65.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



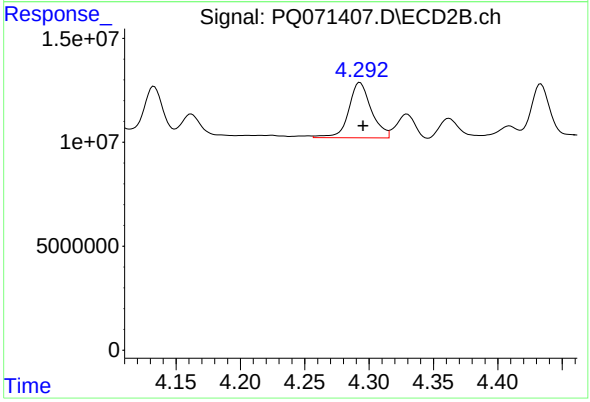
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 25932593
Conc: 92.58 ng/ml



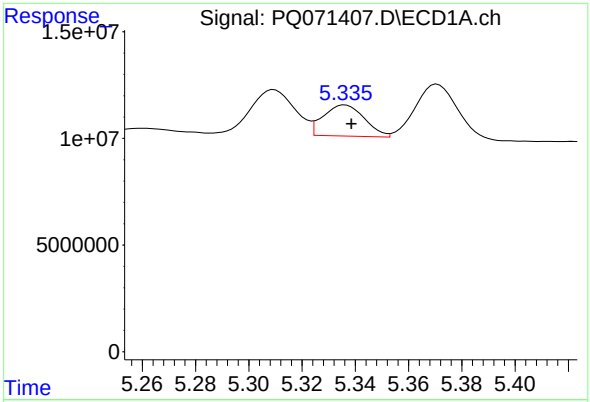
#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: -0.002 min
Response: 23889152
Conc: 90.88 ng/ml



#24 AR-1248-4

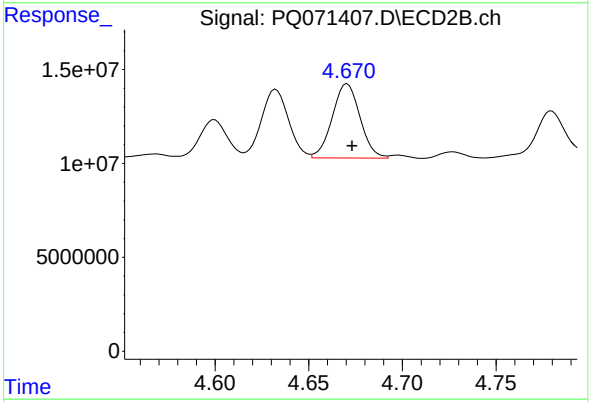
R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 32569257
Conc: 94.03 ng/ml



#25 AR-1248-5

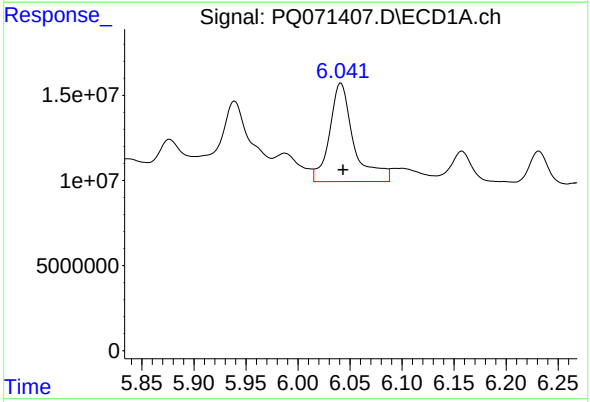
R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 15645431
Conc: 46.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



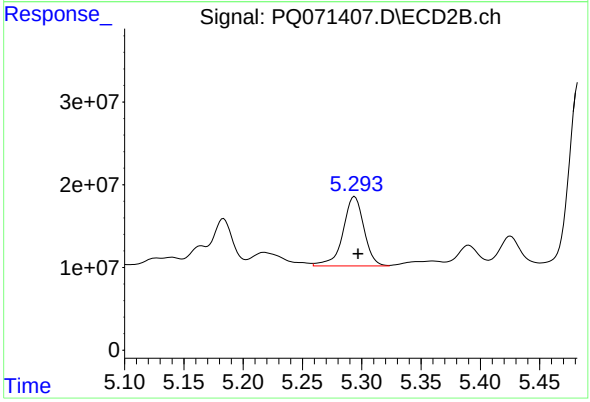
#25 AR-1248-5

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 40760660
Conc: 116.91 ng/ml



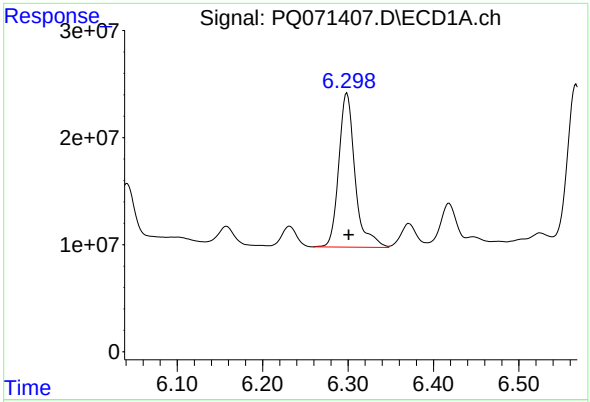
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 93743931
Conc: 209.48 ng/ml



#31 AR-1260-1

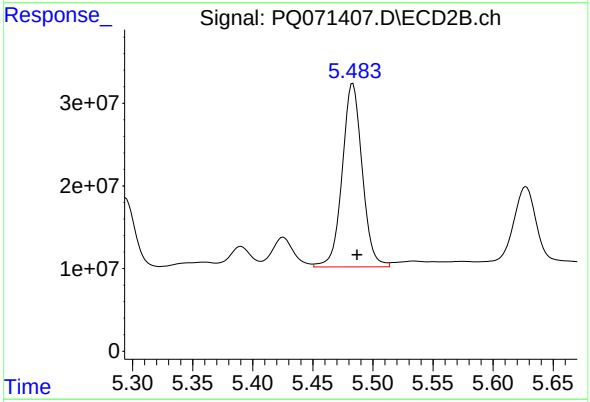
R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 103131130
Conc: 206.71 ng/ml



#32 AR-1260-2

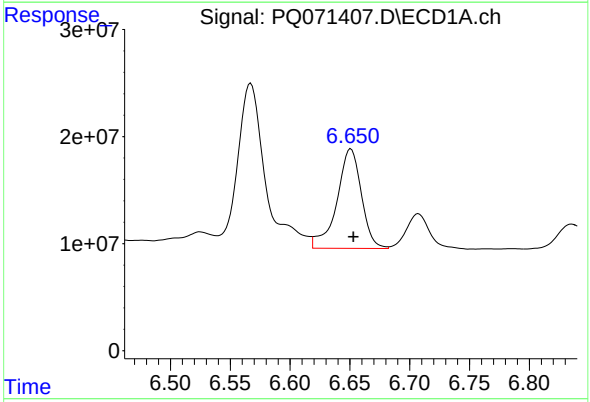
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 190719793
Conc: 373.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



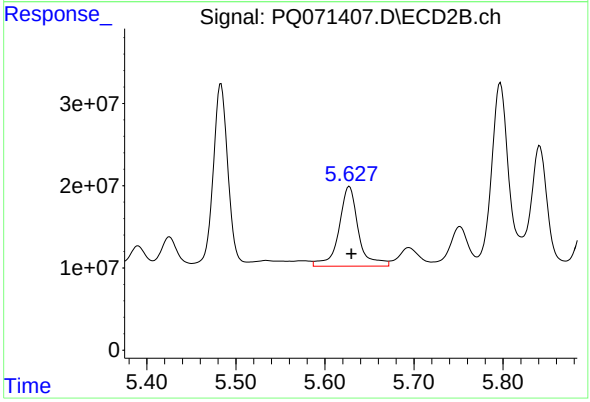
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 256246024
Conc: 422.59 ng/ml



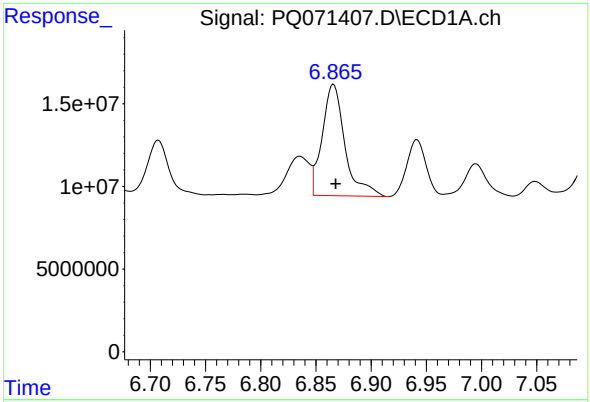
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 132851759
Conc: 347.11 ng/ml



#33 AR-1260-3

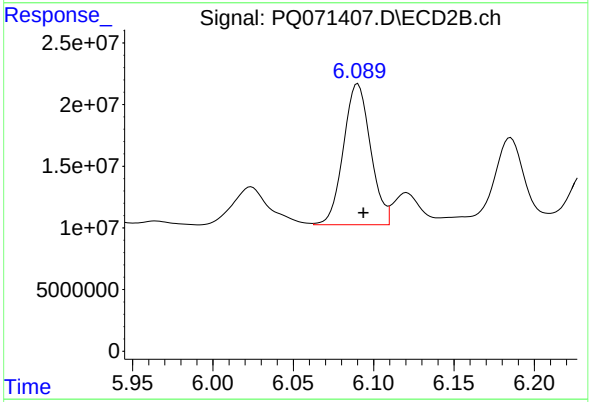
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 147199467
Conc: 248.99 ng/ml



#34 AR-1260-4

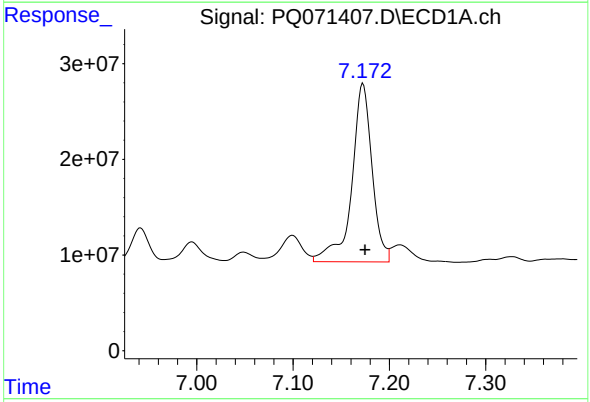
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 96673814
Conc: 231.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG1



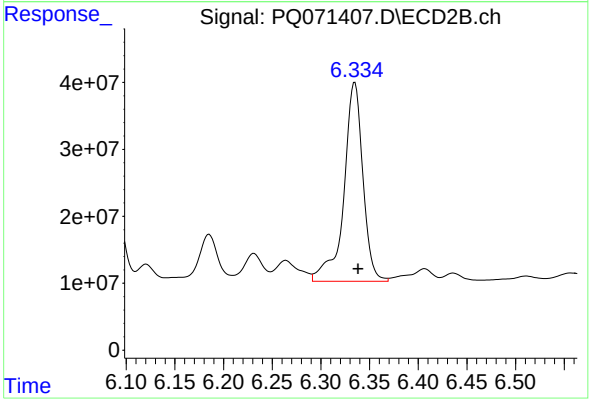
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 134211353
Conc: 270.93 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 274390444
Conc: 329.70 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 405531921
Conc: 353.16 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG2	SDG No.:	Q3672
Lab Sample ID:	Q3672-15	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 02:52	PB170653
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 02:52	PB170653
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 02:52	PB170653
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 02:52	PB170653
12672-29-6	Aroclor-1248	71.2		1	7.10	20.4	ug/kg	11/21/25 02:52	PB170653
11097-69-1	Aroclor-1254	27.7		1	3.90	20.4	ug/kg	11/21/25 02:52	PB170653
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 02:52	PB170653
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 02:52	PB170653
11096-82-5	Aroclor-1260	24.4		1	3.90	20.4	ug/kg	11/21/25 02:52	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.0			21 - 165	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.8			10 - 170	79%	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

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\PQ112025\
Data File : PQ071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:52
Operator : YP\AJ
Sample : Q3672-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG2

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:35 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	2.854	163.3E6	205.4E6	18.760	22.002
2)	SA Decachlor...	8.533	7.654	81601615	144.1E6	13.032	15.772
	Target Compounds						
21)	L5 AR-1248-1	4.496	3.868	22565149	32608544	118.456	153.181m#
22)	L5 AR-1248-2	4.760	4.096	32202814	48540010	132.365	170.905 #
23)	L5 AR-1248-3	4.948	4.133	42705673	52869110	145.344	188.742 #
24)	L5 AR-1248-4	5.309	4.293	36264569	63248849	137.952	182.597 #
25)	L5 AR-1248-5	5.337	4.670	40208889	67278382	118.840	192.975 #
26)	L6 AR-1254-1	5.309	4.633	36264569	66279742	104.401	123.687
27)	L6 AR-1254-2	5.522	4.779	45076336	22704518	83.194	49.489 #
28)	L6 AR-1254-3	5.876	5.164	22939577	28918424	39.837	38.086
29)	L6 AR-1254-4	6.157	5.390	13930321	21146068	32.972	42.308 #
30)	L6 AR-1254-5	6.567	5.797	39218746	62543365	85.326	90.351
31)	L7 AR-1260-1	6.041	5.295	16074152	34090659	35.920	68.328 #
32)	L7 AR-1260-2	6.298	5.483	35557902	46441774	69.597	76.589
33)	L7 AR-1260-3	6.650	5.626	21563297	39520118	56.340	66.849
34)	L7 AR-1260-4	6.866	6.090	12717302	22292006	30.414	45.000 #
35)	L7 AR-1260-5	7.172	6.334	32187205	55177723	38.675	48.052

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

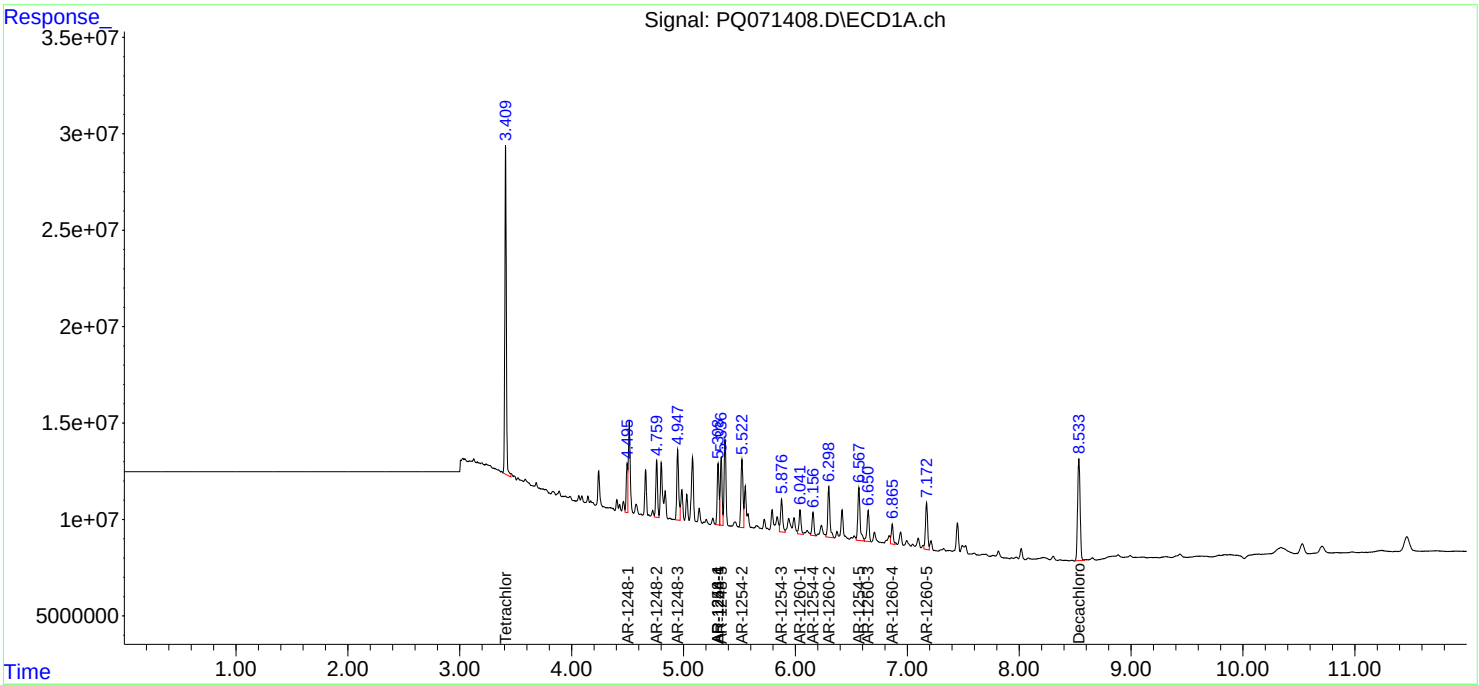
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 02:52
Operator : YP\AJ
Sample : Q3672-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

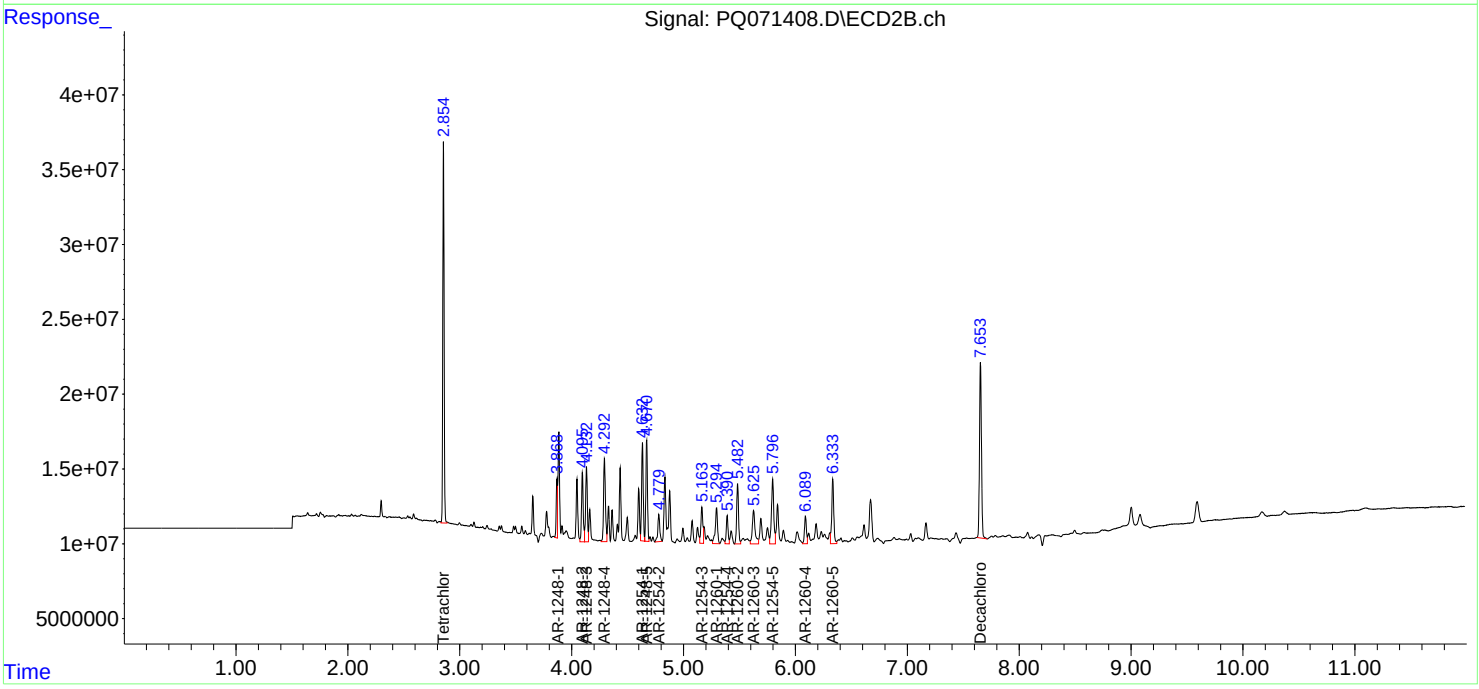
Instrument :
ECD_Q
ClientSampleId :
C0AG2

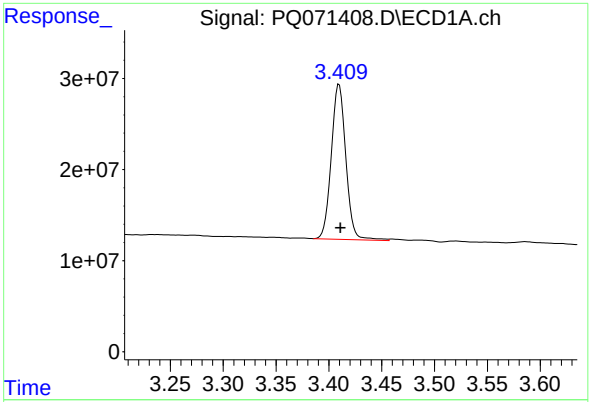
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:35 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







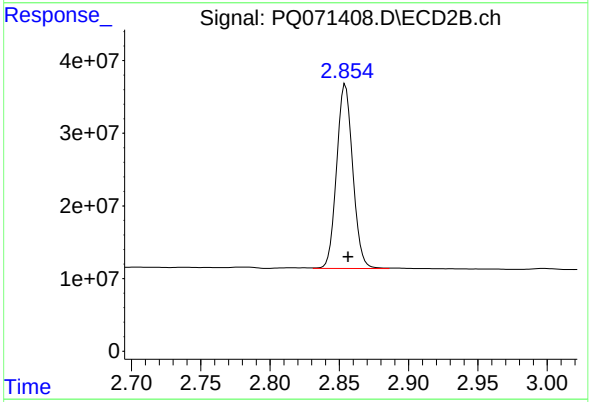
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 163307852
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

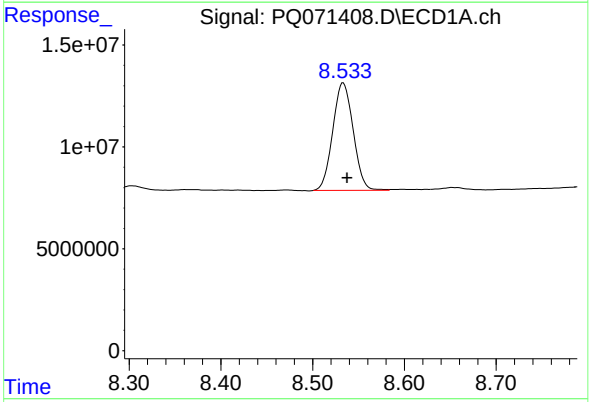
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



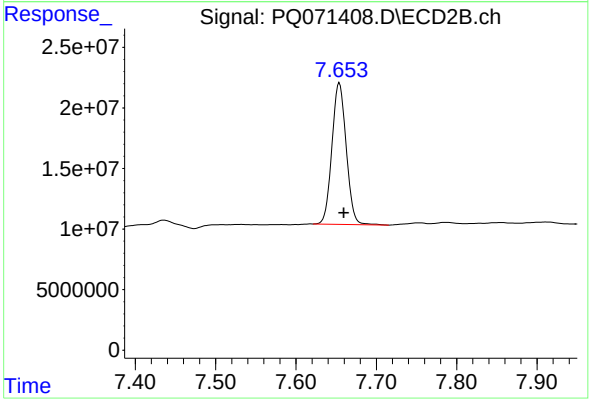
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 205426236
Conc: 22.00 ng/ml



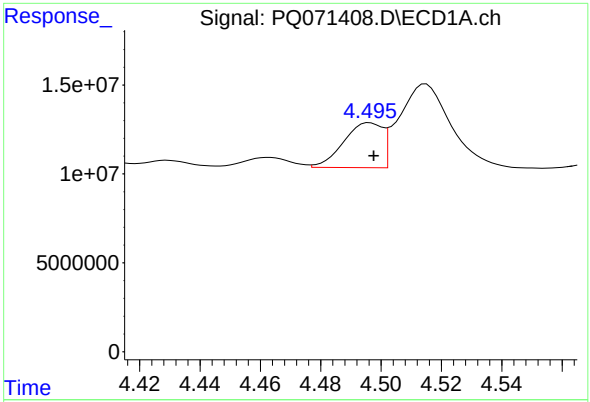
#2 Decachlorobiphenyl

R.T.: 8.533 min
Delta R.T.: -0.004 min
Response: 81601615
Conc: 13.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 144118814
Conc: 15.77 ng/ml



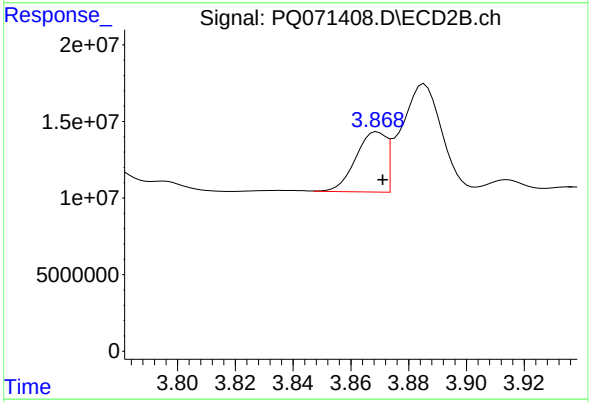
#21 AR-1248-1

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 22565149
Conc: 118.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

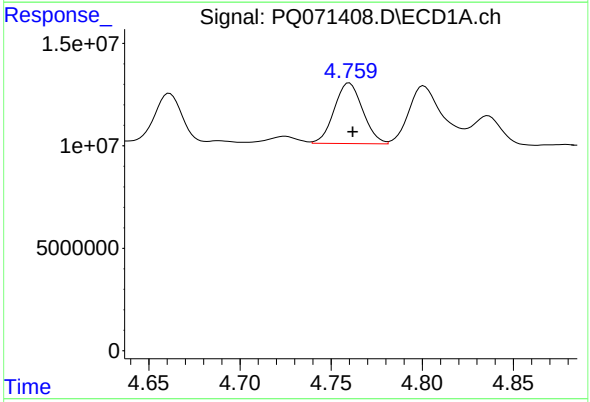
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



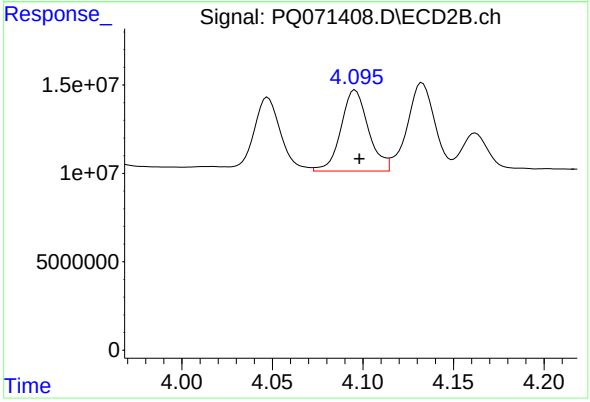
#21 AR-1248-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 32608544
Conc: 153.18 ng/ml m



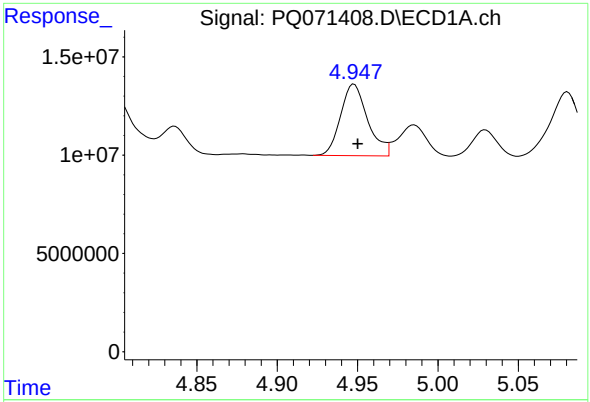
#22 AR-1248-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 32202814
Conc: 132.37 ng/ml



#22 AR-1248-2

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 48540010
Conc: 170.91 ng/ml



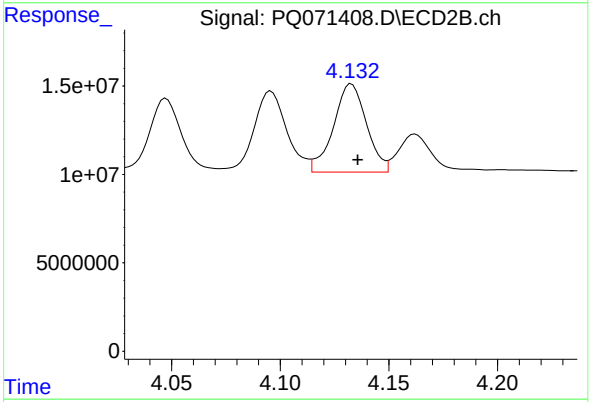
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 42705673
Conc: 145.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

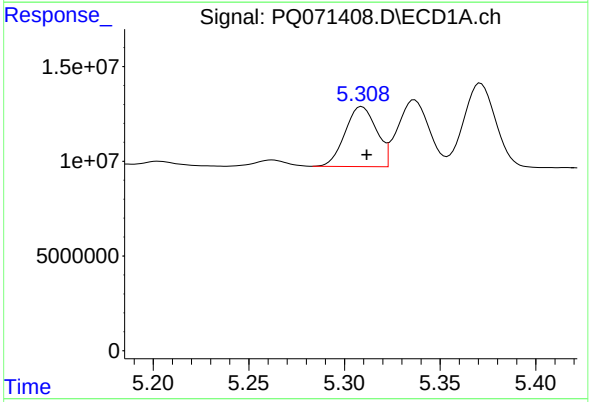
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



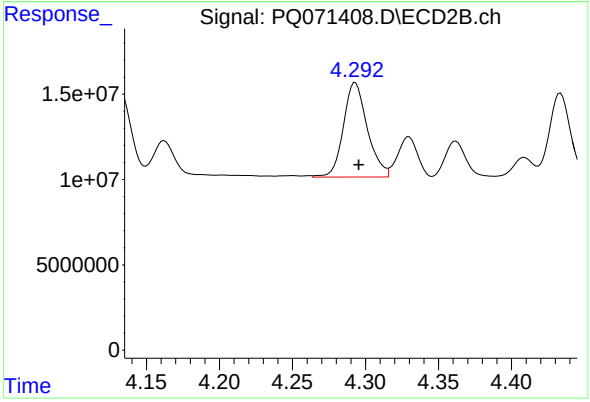
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 52869110
Conc: 188.74 ng/ml



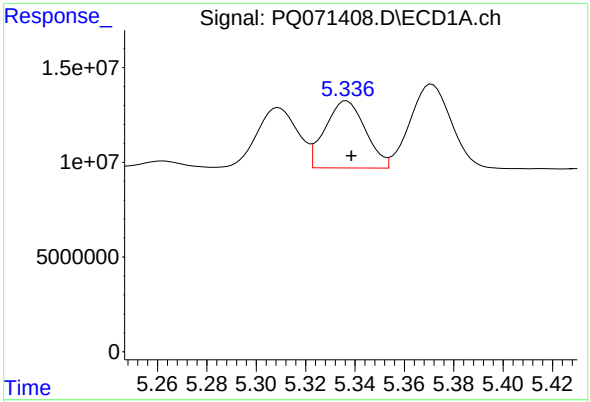
#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: -0.003 min
Response: 36264569
Conc: 137.95 ng/ml



#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 63248849
Conc: 182.60 ng/ml



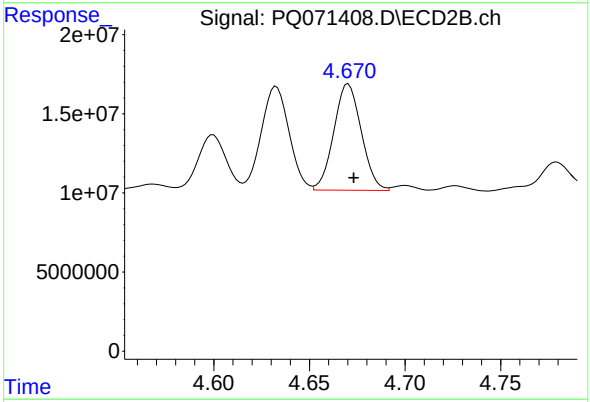
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 40208889
Conc: 118.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

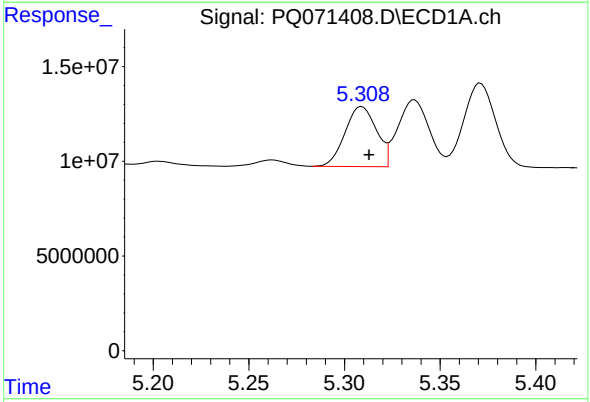
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



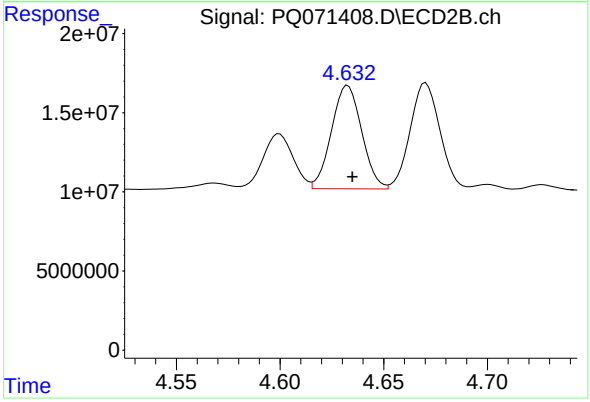
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 67278382
Conc: 192.97 ng/ml



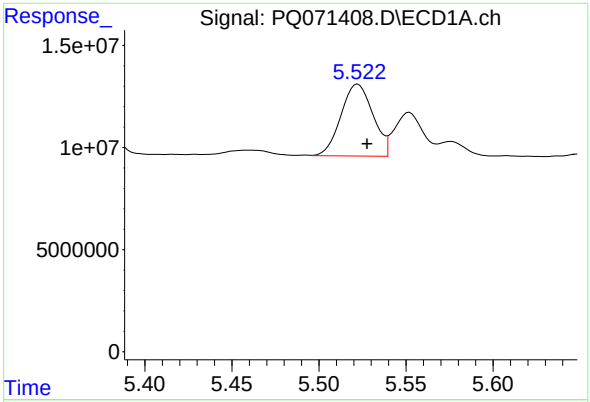
#26 AR-1254-1

R.T.: 5.309 min
Delta R.T.: -0.004 min
Response: 36264569
Conc: 104.40 ng/ml



#26 AR-1254-1

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 66279742
Conc: 123.69 ng/ml



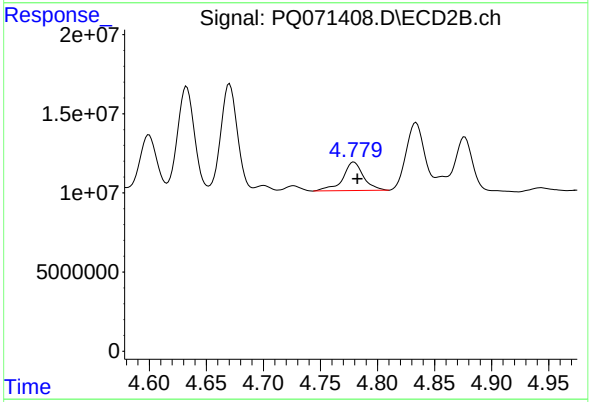
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.005 min
Response: 45076336
Conc: 83.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

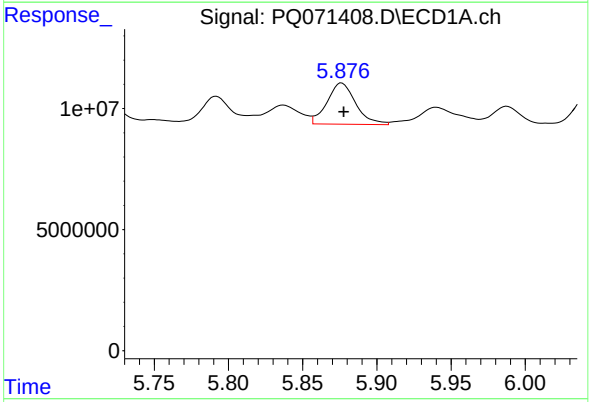
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



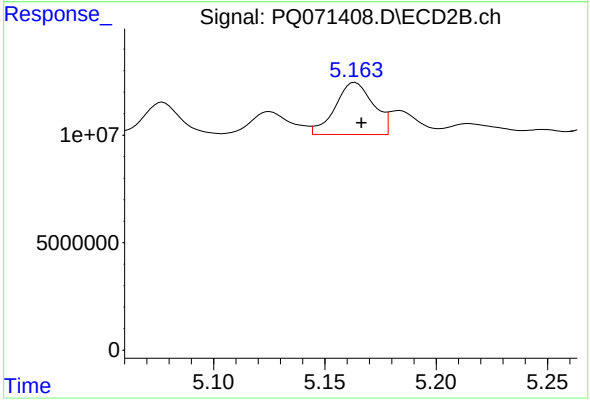
#27 AR-1254-2

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 22704518
Conc: 49.49 ng/ml



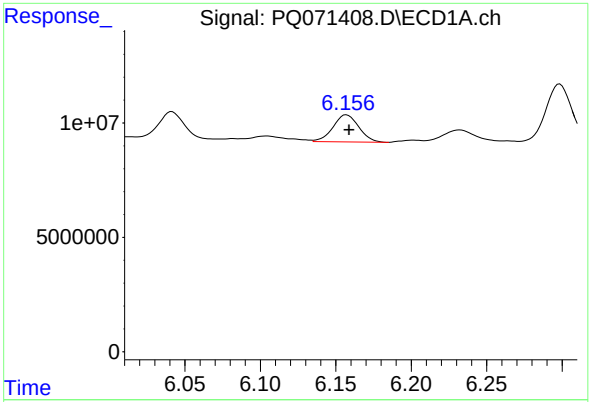
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 22939577
Conc: 39.84 ng/ml



#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 28918424
Conc: 38.09 ng/ml



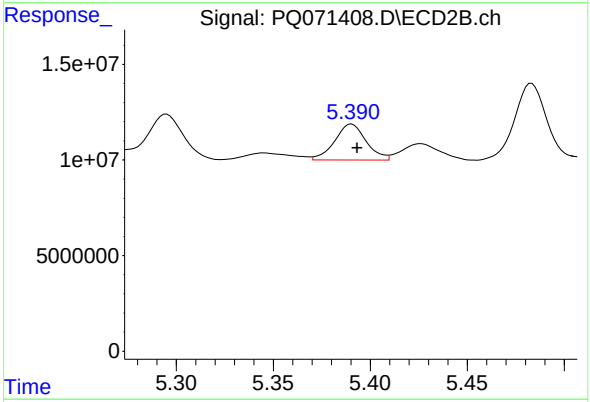
#29 AR-1254-4

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 13930321
Conc: 32.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

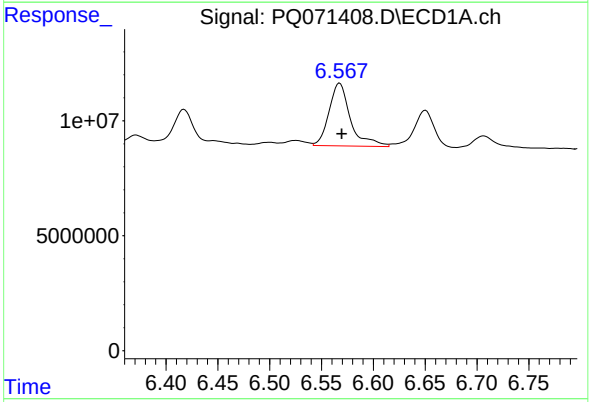
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



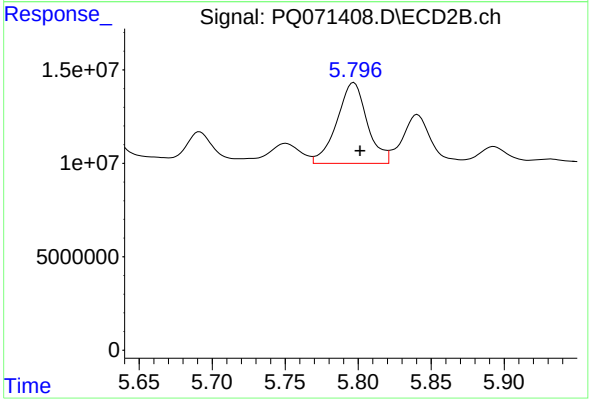
#29 AR-1254-4

R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 21146068
Conc: 42.31 ng/ml



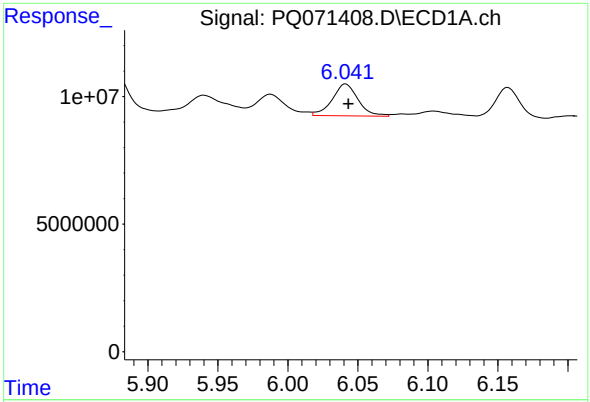
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 39218746
Conc: 85.33 ng/ml



#30 AR-1254-5

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 62543365
Conc: 90.35 ng/ml



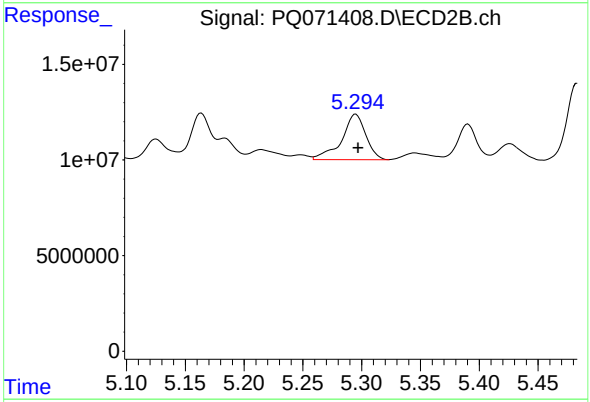
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 16074152
Conc: 35.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

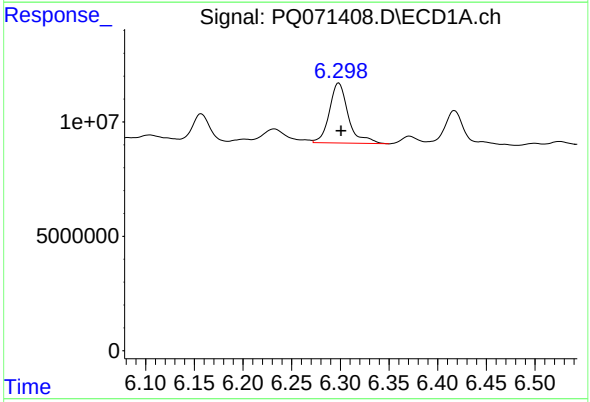
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



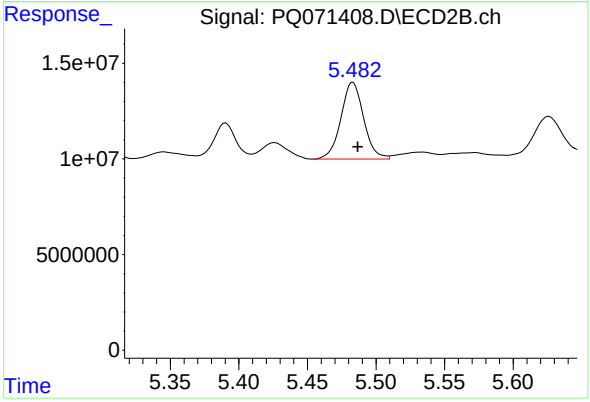
#31 AR-1260-1

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 34090659
Conc: 68.33 ng/ml



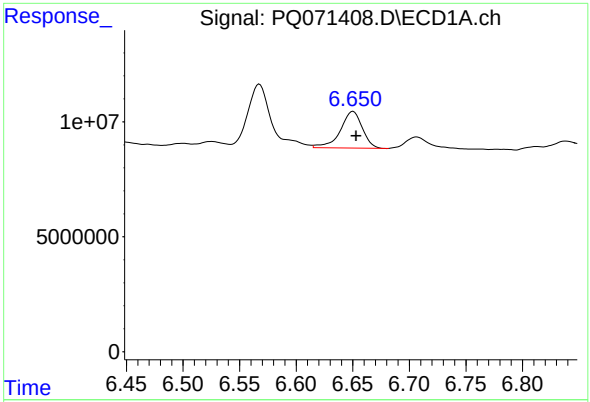
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 35557902
Conc: 69.60 ng/ml



#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 46441774
Conc: 76.59 ng/ml



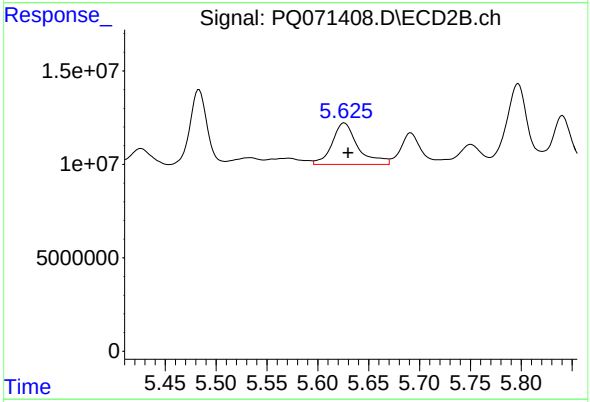
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: -0.003 min
Response: 21563297
Conc: 56.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

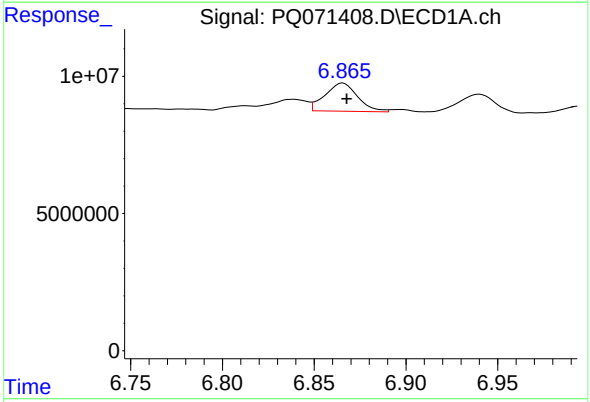
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



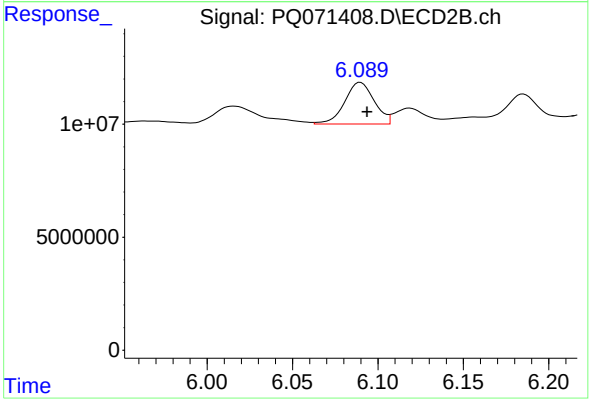
#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 39520118
Conc: 66.85 ng/ml



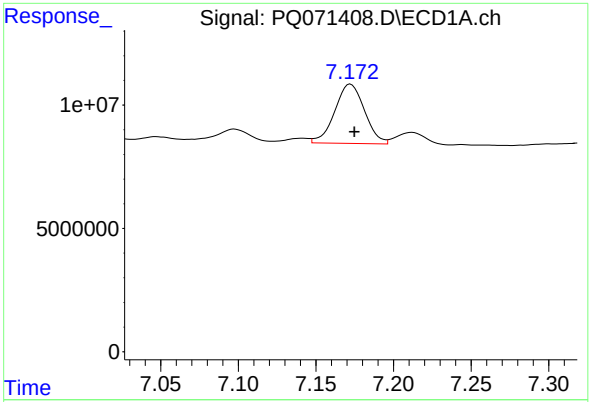
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 12717302
Conc: 30.41 ng/ml



#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 22292006
Conc: 45.00 ng/ml



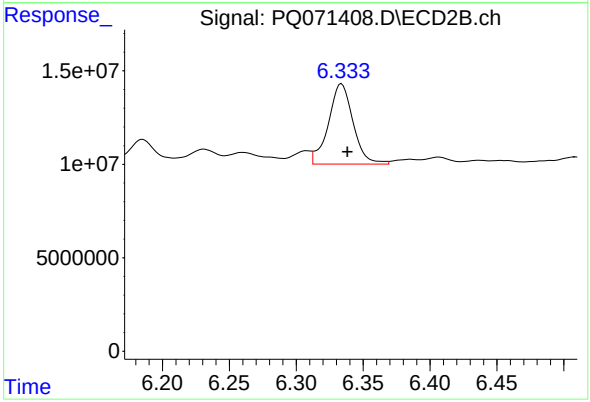
#35 AR-1260-5

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 32187205
Conc: 38.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 55177723
Conc: 48.05 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG3	SDG No.:	Q3672
Lab Sample ID:	Q3672-16	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.8
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.5	U	1	4.80	20.5	ug/kg	11/21/25 03:06	PB170653
11104-28-2	Aroclor-1221	20.5	U	1	4.90	20.5	ug/kg	11/21/25 03:06	PB170653
11141-16-5	Aroclor-1232	20.5	U	1	4.50	20.5	ug/kg	11/21/25 03:06	PB170653
53469-21-9	Aroclor-1242	20.5	U	1	4.80	20.5	ug/kg	11/21/25 03:06	PB170653
12672-29-6	Aroclor-1248	20.5	U	1	7.10	20.5	ug/kg	11/21/25 03:06	PB170653
11097-69-1	Aroclor-1254	20.5	U	1	3.90	20.5	ug/kg	11/21/25 03:06	PB170653
37324-23-5	Aroclor-1262	20.5	U	1	6.10	20.5	ug/kg	11/21/25 03:06	PB170653
11100-14-4	Aroclor-1268	20.5	U	1	4.30	20.5	ug/kg	11/21/25 03:06	PB170653
11096-82-5	Aroclor-1260	29.3		1	3.90	20.5	ug/kg	11/21/25 03:06	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.8			21 - 165	99%	SPK: 20		
2051-24-3	Decachlorobiphenyl	11.4			10 - 170	57%	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

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\PQ112025\
Data File : PQ071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 03:06
Operator : YP\AJ
Sample : Q3672-16
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:53 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...	3.410	2.854	145.0E6	185.1E6	16.657	19.823
2)	SA Decachlor...	8.535	7.653	59331194	104.6E6	9.475	11.443m
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.294	18119620	26917761	40.491	53.951 #
32)	L7 AR-1260-2	6.299	5.483	49213382	63550084	96.324	104.803
33)	L7 AR-1260-3	6.650	5.627	27694946	45980223	72.361	77.776
34)	L7 AR-1260-4	6.866	6.090	20343416	31304295	48.652	63.193 #
35)	L7 AR-1260-5	7.173	6.334	41216561	73662647	49.525	64.150 #

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

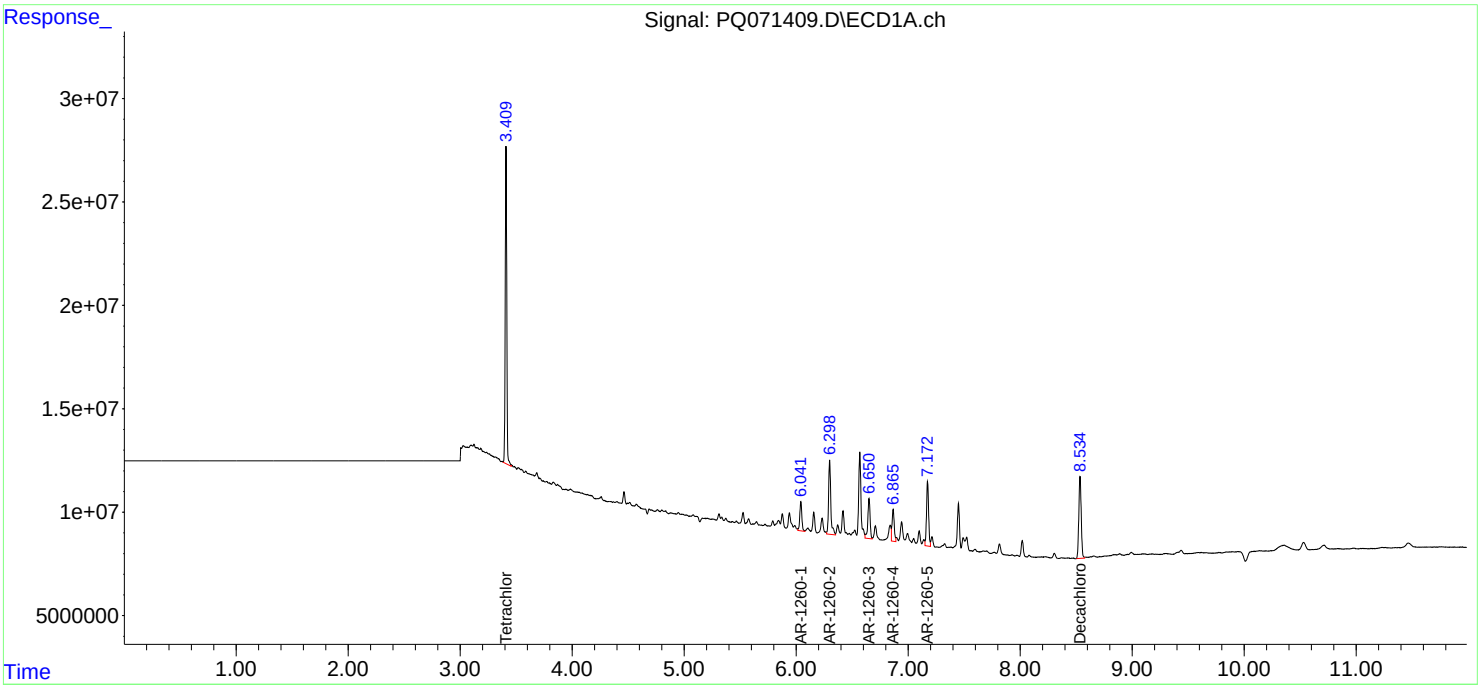
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 03:06
Operator : YP\AJ
Sample : Q3672-16
Misc :
ALS Vial : 71 Sample Multiplier: 1

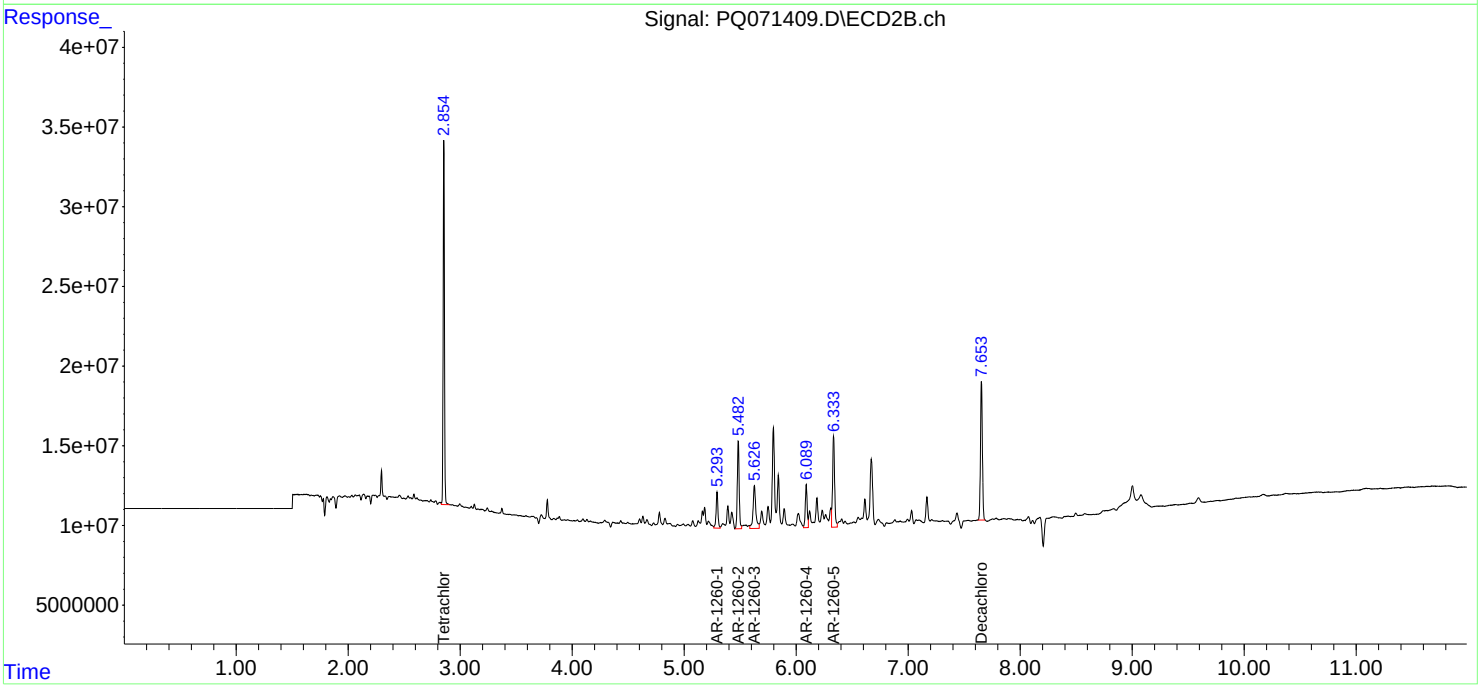
Instrument :
ECD_Q
ClientSampleId :
C0AG3

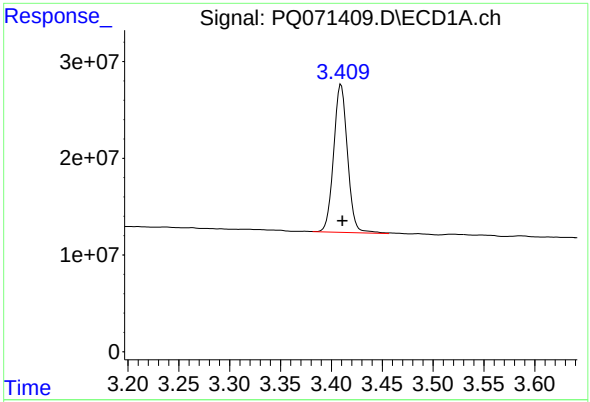
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:54:53 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







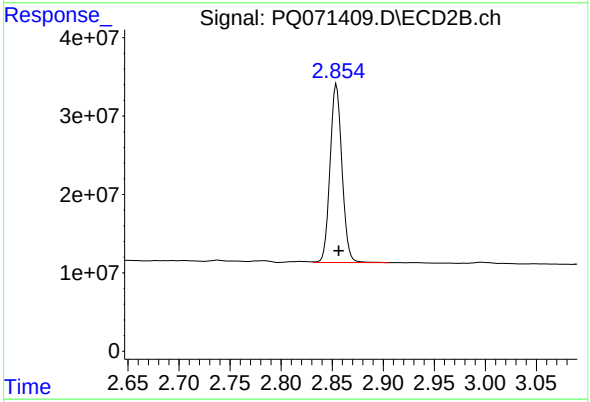
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 145004347
Conc: 16.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG3

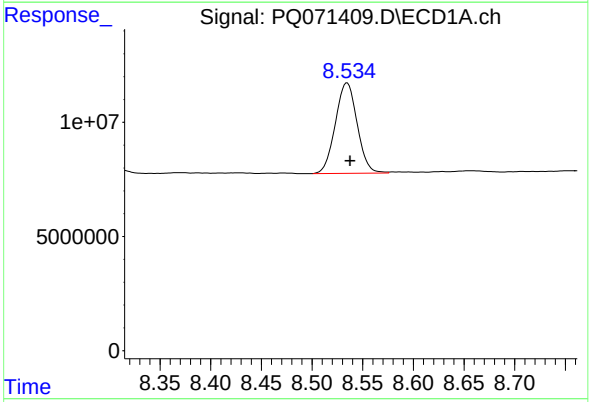
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



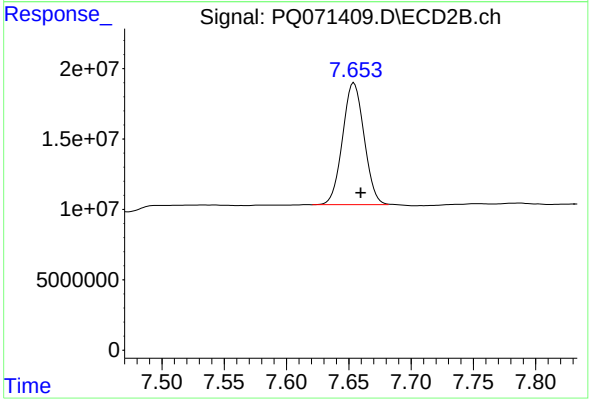
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 185084317
Conc: 19.82 ng/ml



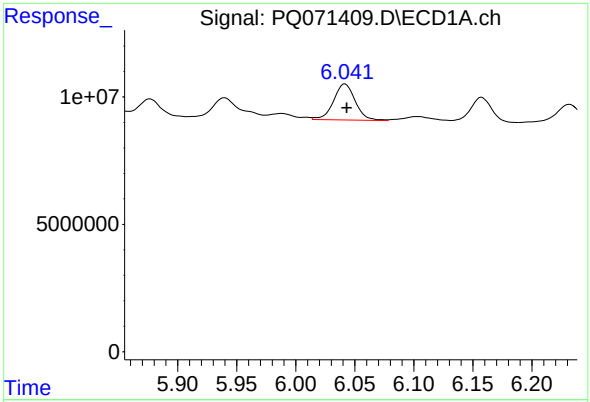
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 59331194
Conc: 9.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 104565189
Conc: 11.44 ng/ml m



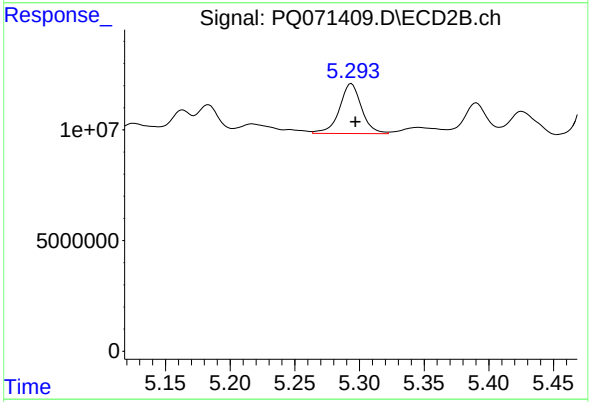
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 18119620
Conc: 40.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG3

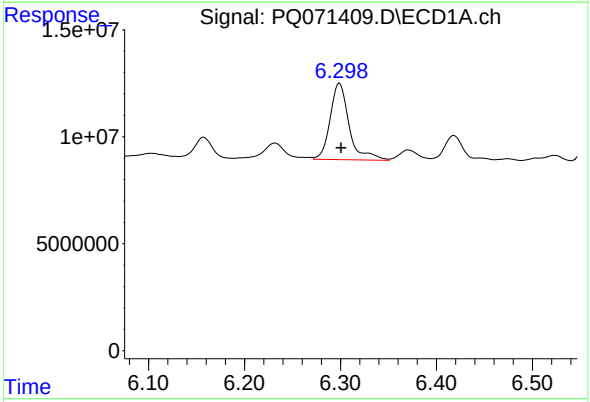
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



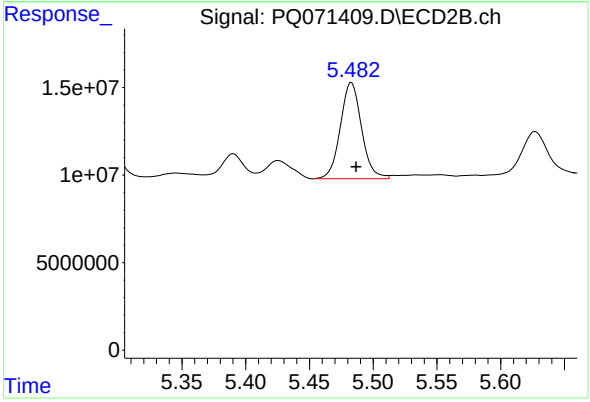
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 26917761
Conc: 53.95 ng/ml



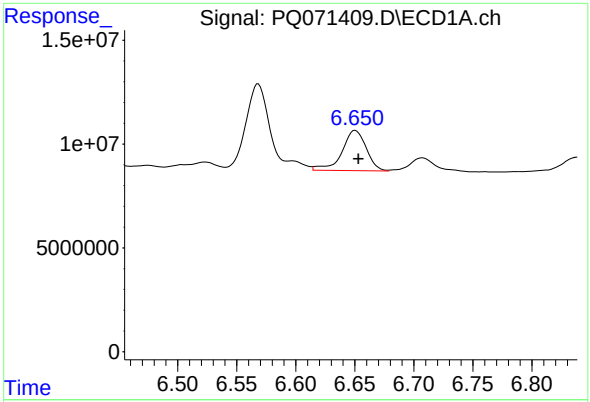
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 49213382
Conc: 96.32 ng/ml



#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 63550084
Conc: 104.80 ng/ml



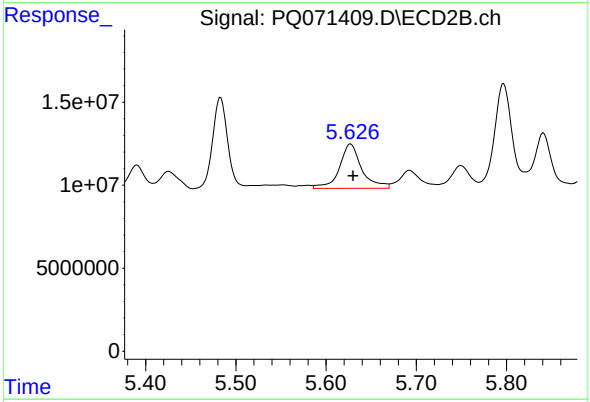
#33 AR-1260-3

R.T.: 6.650 min
Delta R.T.: -0.003 min
Response: 27694946
Conc: 72.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG3

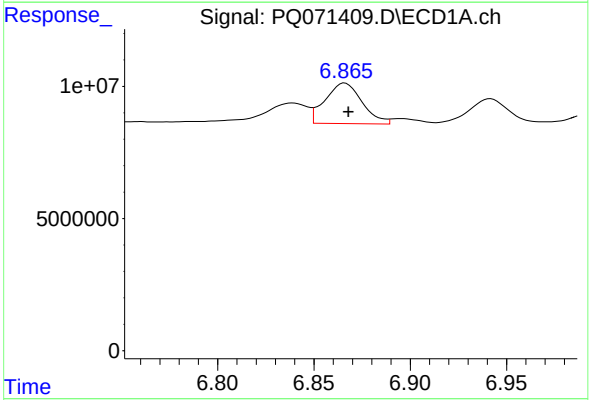
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



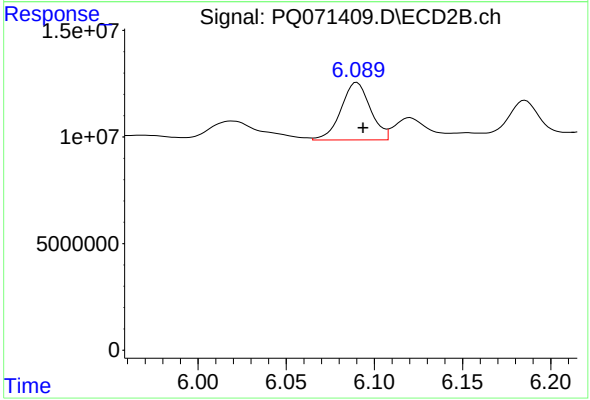
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 45980223
Conc: 77.78 ng/ml



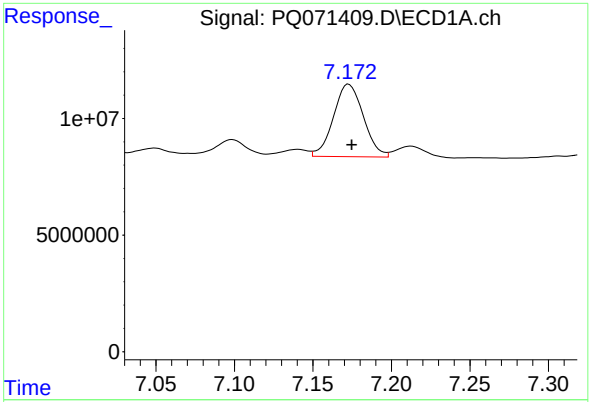
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 20343416
Conc: 48.65 ng/ml



#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 31304295
Conc: 63.19 ng/ml



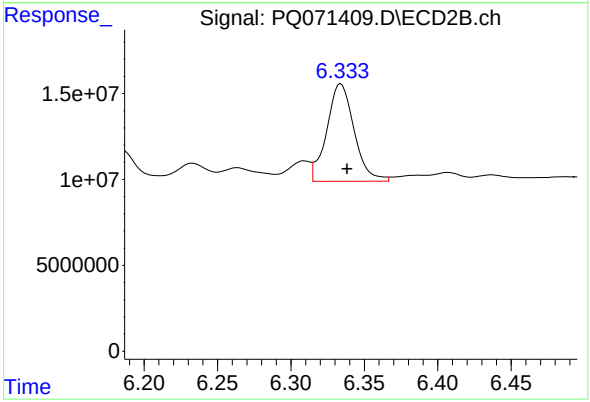
#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 41216561
Conc: 49.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG3

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 73662647
Conc: 64.15 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG4	SDG No.:	Q3672
Lab Sample ID:	Q3672-17	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 05:02	PB170653
11104-28-2	Aroclor-1221	20.2	U	1	4.80	20.2	ug/kg	11/21/25 05:02	PB170653
11141-16-5	Aroclor-1232	20.2	U	1	4.40	20.2	ug/kg	11/21/25 05:02	PB170653
53469-21-9	Aroclor-1242	20.2	U	1	4.80	20.2	ug/kg	11/21/25 05:02	PB170653
12672-29-6	Aroclor-1248	20.2	U	1	7.00	20.2	ug/kg	11/21/25 05:02	PB170653
11097-69-1	Aroclor-1254	20.2	U	1	3.80	20.2	ug/kg	11/21/25 05:02	PB170653
37324-23-5	Aroclor-1262	20.2	U	1	6.00	20.2	ug/kg	11/21/25 05:02	PB170653
11100-14-4	Aroclor-1268	20.2	U	1	4.30	20.2	ug/kg	11/21/25 05:02	PB170653
11096-82-5	Aroclor-1260	32.4		1	3.80	20.2	ug/kg	11/21/25 05:02	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.9			21 - 165	105%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.8			10 - 170	69%	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

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\PQ112025\
Data File : PQ071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:02
Operator : YP\AJ
Sample : Q3672-17
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:08:45 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...	3.410	2.854	156.6E6	195.5E6	17.993	20.935
2)	SA Decachlor...	8.535	7.655	71216037	126.6E6	11.374	13.854
	Target Compounds						
31)	L7 AR-1260-1	6.042	5.293	15992336	22127577	35.737	44.350
32)	L7 AR-1260-2	6.299	5.483	58819209	78884378	115.125	130.092
33)	L7 AR-1260-3	6.652	5.627	34274093	42559303	89.551	71.990
34)	L7 AR-1260-4	6.867	6.090	29545674	38597924	70.659	77.916
35)	L7 AR-1260-5	7.174	6.335	56800186	96756015	68.250	84.261

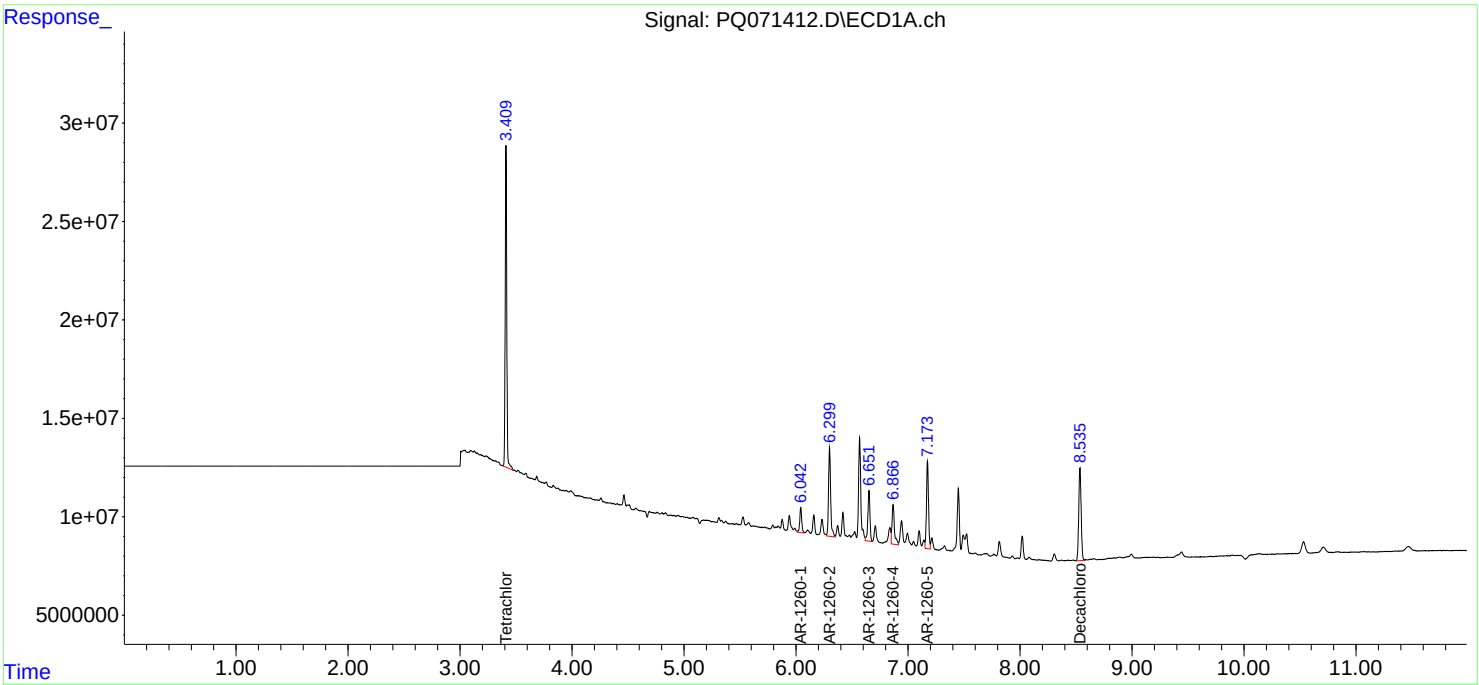
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

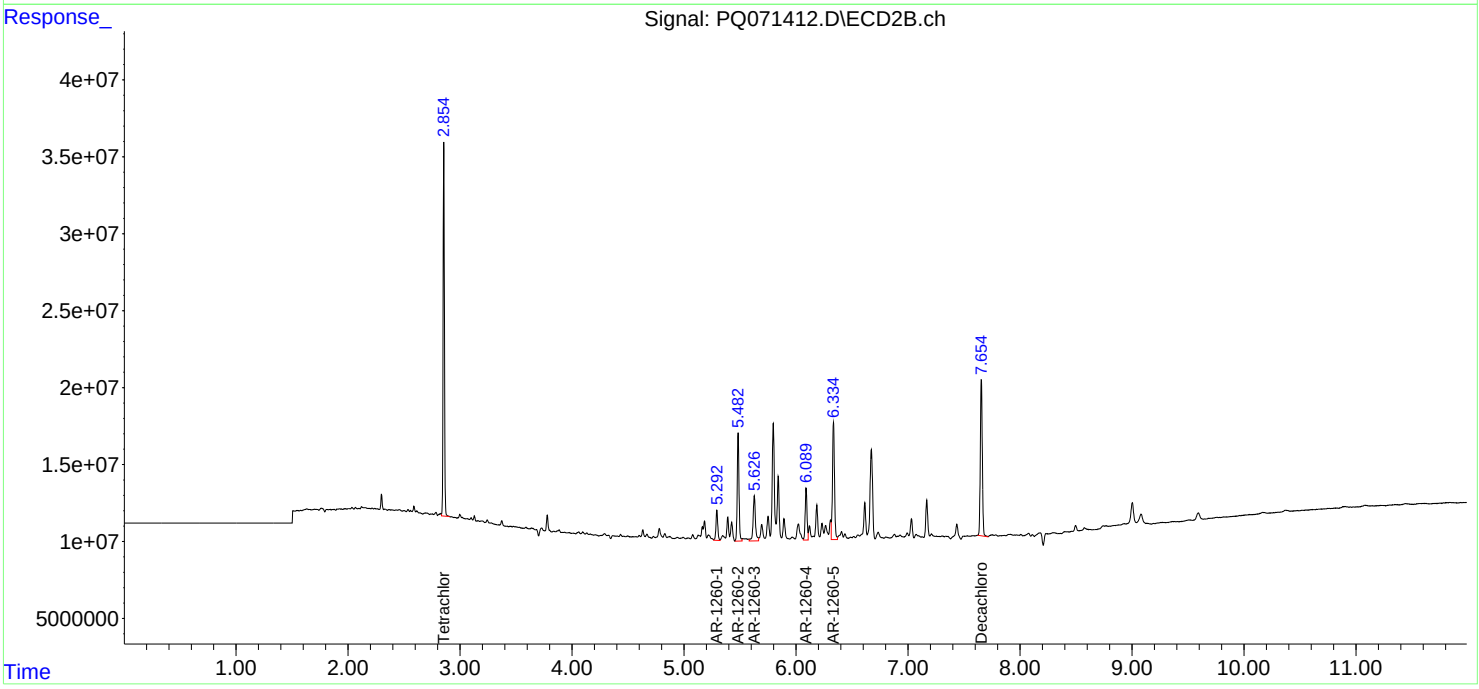
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:02
Operator : YP\AJ
Sample : Q3672-17
Misc :
ALS Vial : 72 Sample Multiplier: 1

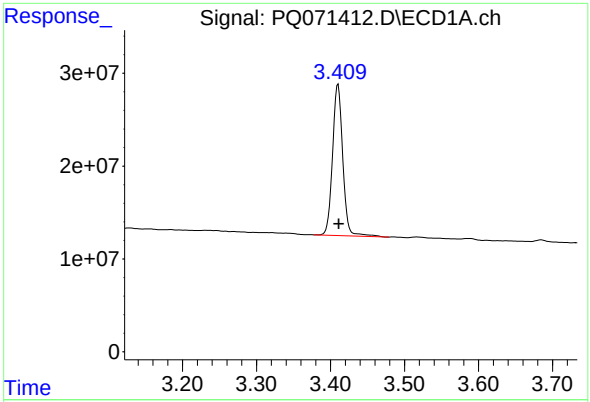
Instrument :
ECD_Q
ClientSampleId :
C0AG4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:08:45 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



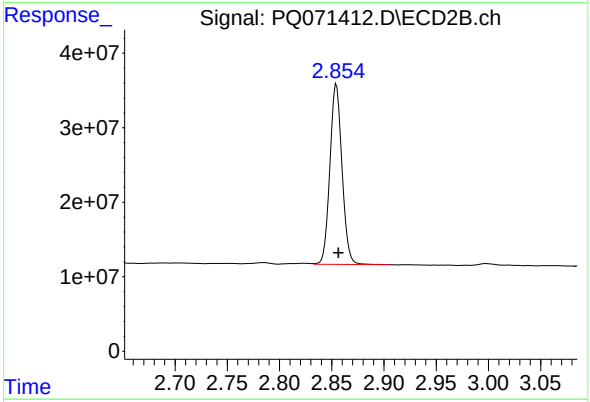




#1 Tetrachloro-m-xylene

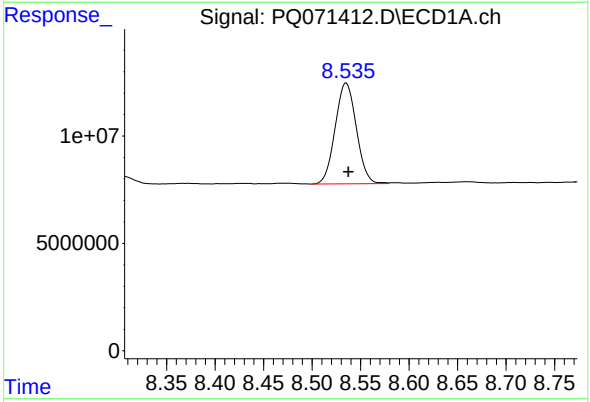
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 156633356
Conc: 17.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG4



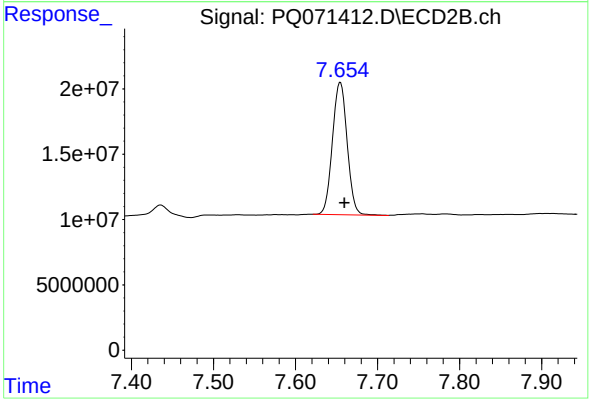
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 195467882
Conc: 20.94 ng/ml



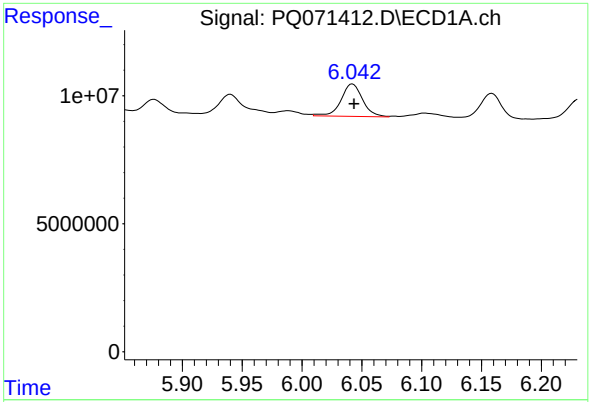
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 71216037
Conc: 11.37 ng/ml



#2 Decachlorobiphenyl

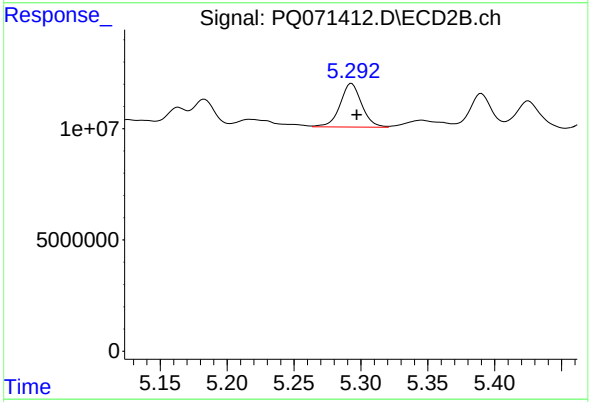
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 126592290
Conc: 13.85 ng/ml



#31 AR-1260-1

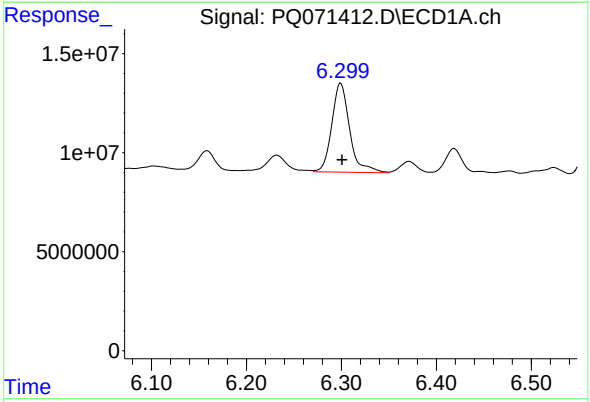
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 15992336
Conc: 35.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG4



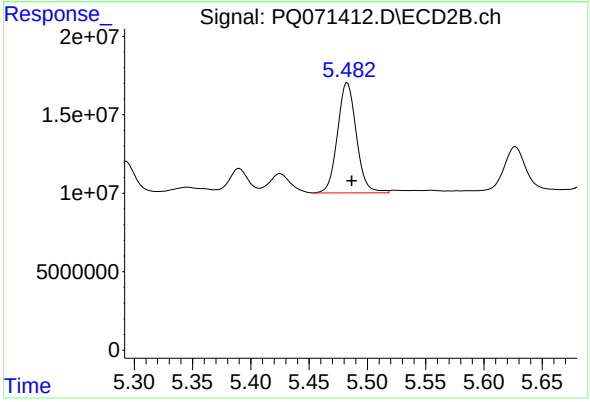
#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 22127577
Conc: 44.35 ng/ml



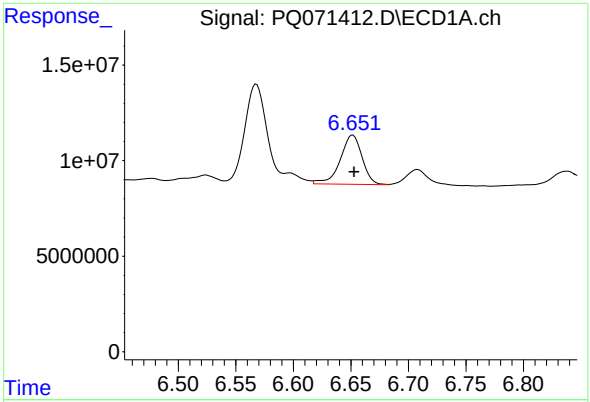
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 58819209
Conc: 115.13 ng/ml



#32 AR-1260-2

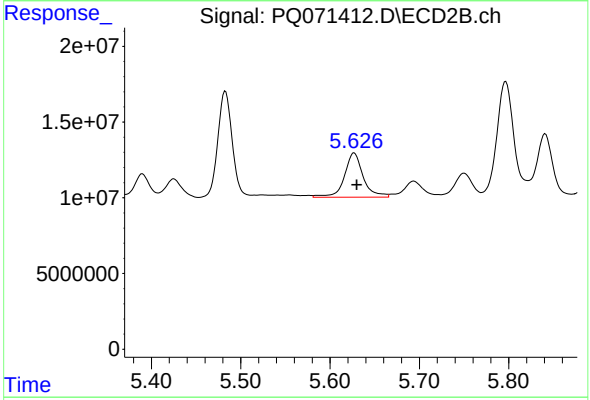
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 78884378
Conc: 130.09 ng/ml



#33 AR-1260-3

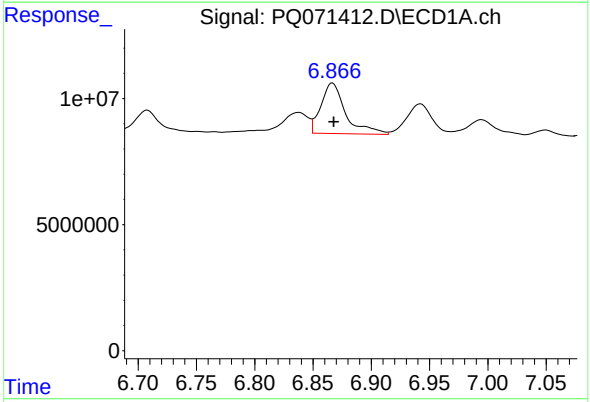
R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 34274093
Conc: 89.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG4



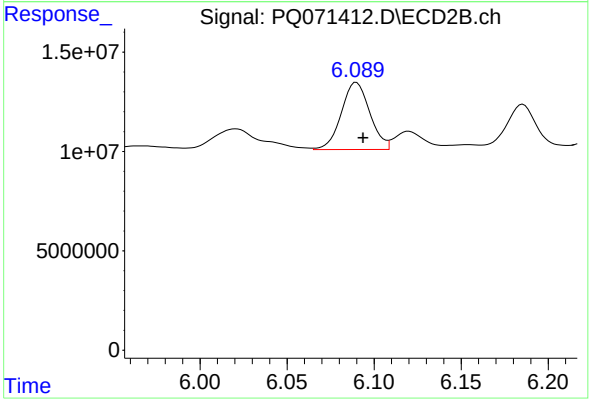
#33 AR-1260-3

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 42559303
Conc: 71.99 ng/ml



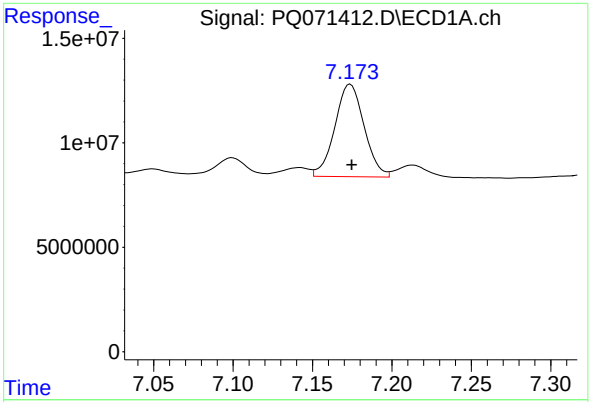
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 29545674
Conc: 70.66 ng/ml



#34 AR-1260-4

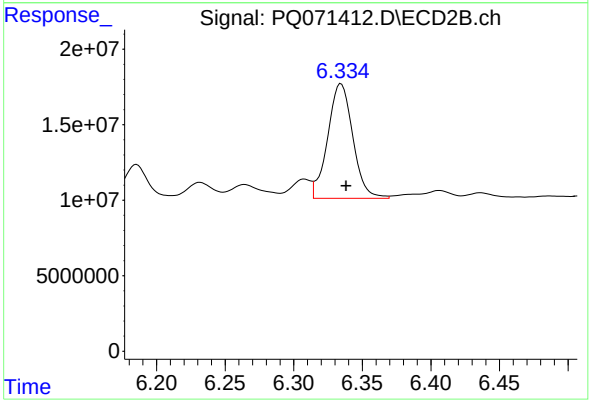
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 38597924
Conc: 77.92 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 56800186
Conc: 68.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG4



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 96756015
Conc: 84.26 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AG5	SDG No.:	Q3672
Lab Sample ID:	Q3672-18	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.8
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	20.5	U	1	4.80	20.5	ug/kg	11/21/25 05:17	PB170653
11104-28-2	Aroclor-1221	20.5	U	1	4.90	20.5	ug/kg	11/21/25 05:17	PB170653
11141-16-5	Aroclor-1232	20.5	U	1	4.50	20.5	ug/kg	11/21/25 05:17	PB170653
53469-21-9	Aroclor-1242	20.5	U	1	4.80	20.5	ug/kg	11/21/25 05:17	PB170653
12672-29-6	Aroclor-1248	20.5	U	1	7.10	20.5	ug/kg	11/21/25 05:17	PB170653
11097-69-1	Aroclor-1254	20.5	U	1	3.90	20.5	ug/kg	11/21/25 05:17	PB170653
37324-23-5	Aroclor-1262	20.5	U	1	6.00	20.5	ug/kg	11/21/25 05:17	PB170653
11100-14-4	Aroclor-1268	20.5	U	1	4.30	20.5	ug/kg	11/21/25 05:17	PB170653
11096-82-5	Aroclor-1260	20.5	U	1	3.90	20.5	ug/kg	11/21/25 05:17	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.9			21 - 165	110%	SPK: 20		
2051-24-3	Decachlorobiphenyl	13.8			10 - 170	69%	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

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\PQ112025\
Data File : PQ071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:17
Operator : YP\AJ
Sample : Q3672-18
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AG5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:09:11 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	159.9E6	204.5E6	18.368	21.901
2)	SA Decachlor...	8.534	7.654	70435149	126.2E6	11.249	13.810
	Target Compounds						

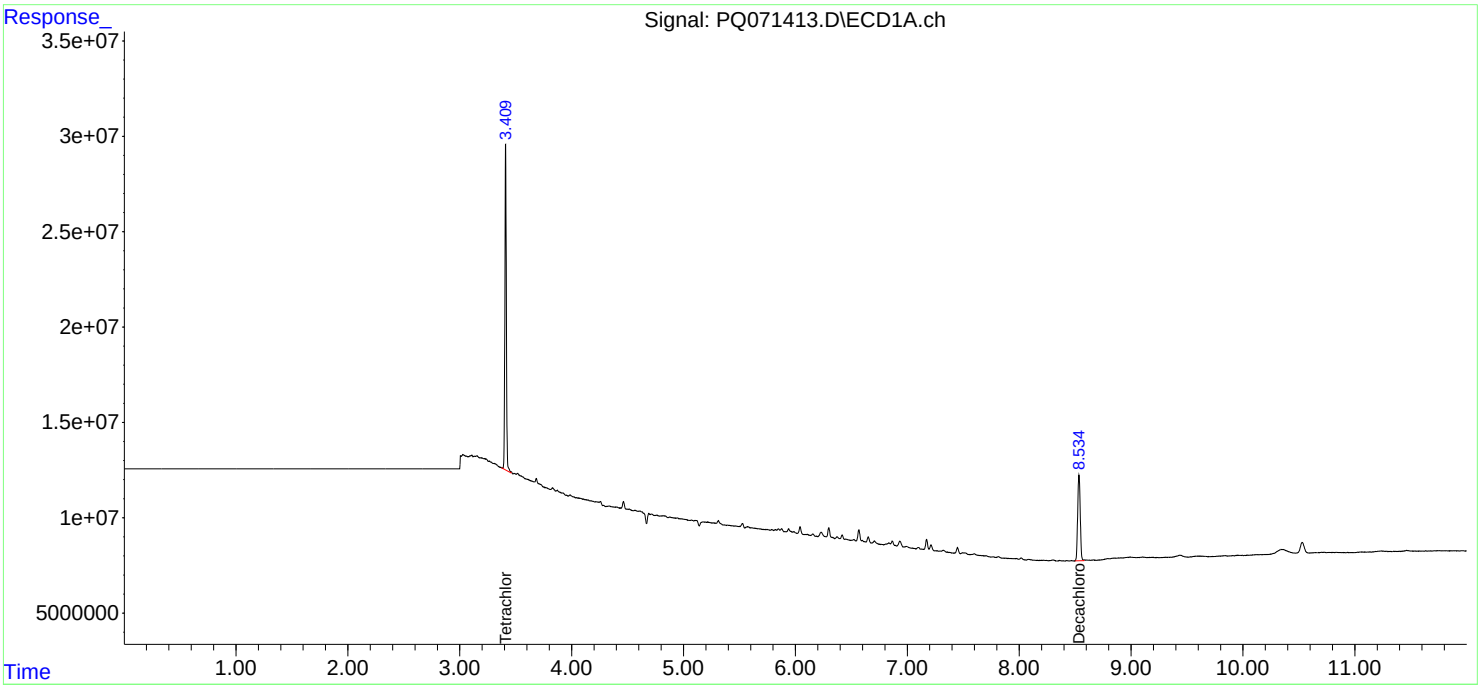
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

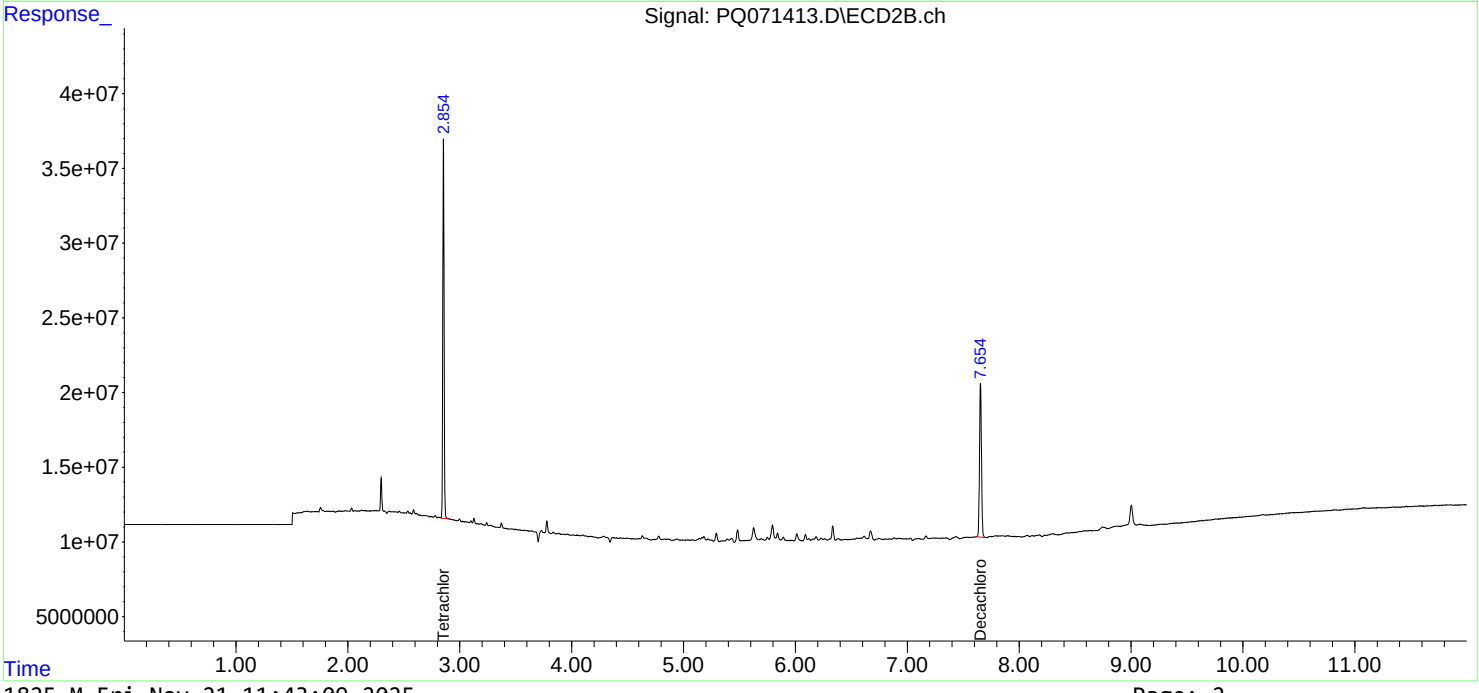
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:17
Operator : YP\AJ
Sample : Q3672-18
Misc :
ALS Vial : 73 Sample Multiplier: 1

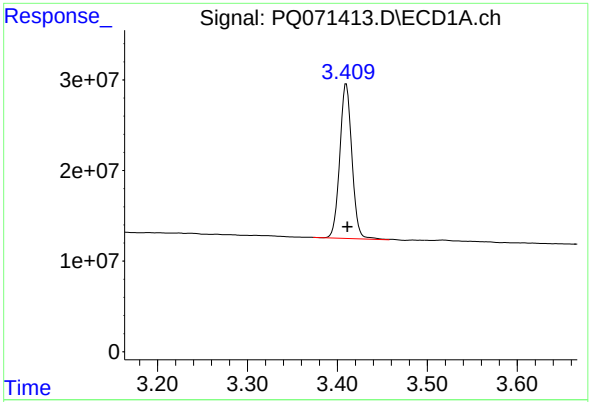
Instrument :
ECD_Q
ClientSampleId :
C0AG5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:09:11 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



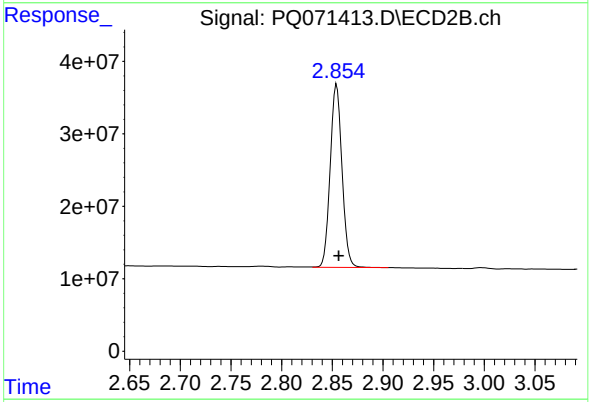




#1 Tetrachloro-m-xylene

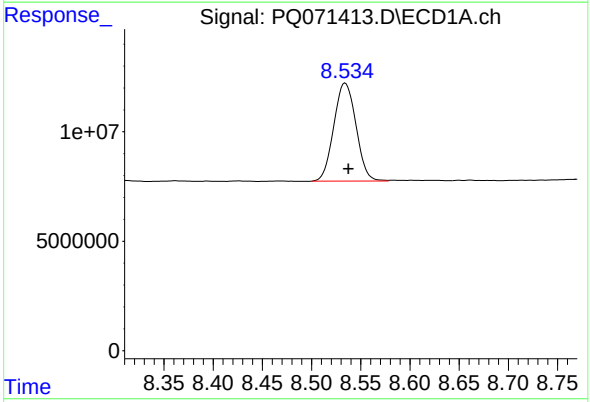
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 159895155
Conc: 18.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AG5



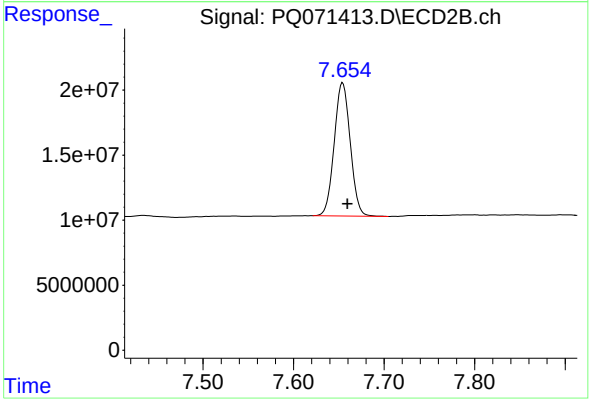
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 204483141
Conc: 21.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 70435149
Conc: 11.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 126194818
Conc: 13.81 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AK2	SDG No.:	Q3672
Lab Sample ID:	Q3672-19	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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 05:31	PB170653
11104-28-2	Aroclor-1221	20.4	U	1	4.80	20.4	ug/kg	11/21/25 05:31	PB170653
11141-16-5	Aroclor-1232	20.4	U	1	4.50	20.4	ug/kg	11/21/25 05:31	PB170653
53469-21-9	Aroclor-1242	20.4	U	1	4.80	20.4	ug/kg	11/21/25 05:31	PB170653
12672-29-6	Aroclor-1248	129		1	7.10	20.4	ug/kg	11/21/25 05:31	PB170653
11097-69-1	Aroclor-1254	175		1	3.90	20.4	ug/kg	11/21/25 05:31	PB170653
37324-23-5	Aroclor-1262	20.4	U	1	6.00	20.4	ug/kg	11/21/25 05:31	PB170653
11100-14-4	Aroclor-1268	20.4	U	1	4.30	20.4	ug/kg	11/21/25 05:31	PB170653
11096-82-5	Aroclor-1260	181		1	3.90	20.4	ug/kg	11/21/25 05:31	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.5			21 - 165	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.5			10 - 170	83%	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

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\PQ112025\
Data File : PQ071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:31
Operator : YP\AJ
Sample : Q3672-19
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AK2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:09:30 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	175.5E6	219.2E6	20.164	23.477	
2)	SA Decachlor...	8.535	7.654	93004414	150.8E6	14.853	16.499	
	Target Compounds							
21)	L5 AR-1248-1	4.496	3.869	26485593	39419002	139.036	185.173	#
22)	L5 AR-1248-2	4.759	4.095	68793021	96067501	282.765	338.245	
23)	L5 AR-1248-3	4.948	4.133	79851990	84105011	271.766	300.254	
24)	L5 AR-1248-4	5.310	4.293	138.9E6	111.9E6	528.276	323.111	#
25)	L5 AR-1248-5	5.336	4.670	110.3E6	163.0E6	325.910	467.428	#
26)	L6 AR-1254-1	5.310	4.632	138.9E6	230.2E6	399.793	429.511	
27)	L6 AR-1254-2	5.524	4.779	202.9E6	153.1E6	374.426	333.754	
28)	L6 AR-1254-3	5.876	5.163	173.7E6	249.7E6	301.715	328.809	
29)	L6 AR-1254-4	6.157	5.390	148.4E6	193.8E6	351.311	387.827	
30)	L6 AR-1254-5	6.567	5.797	323.2E6	490.0E6	703.233	707.896	
31)	L7 AR-1260-1	6.042	5.294	187.9E6	292.4E6	419.791	586.074	#
32)	L7 AR-1260-2	6.298	5.483	230.8E6	314.0E6	451.814	517.866	
33)	L7 AR-1260-3	6.651	5.625	121.0E6	270.6E6	316.179	457.679	#
34)	L7 AR-1260-4	6.866	6.089	134.9E6	173.4E6	322.533	350.132	
35)	L7 AR-1260-5	7.173	6.334	241.2E6	401.6E6	289.870	349.698	

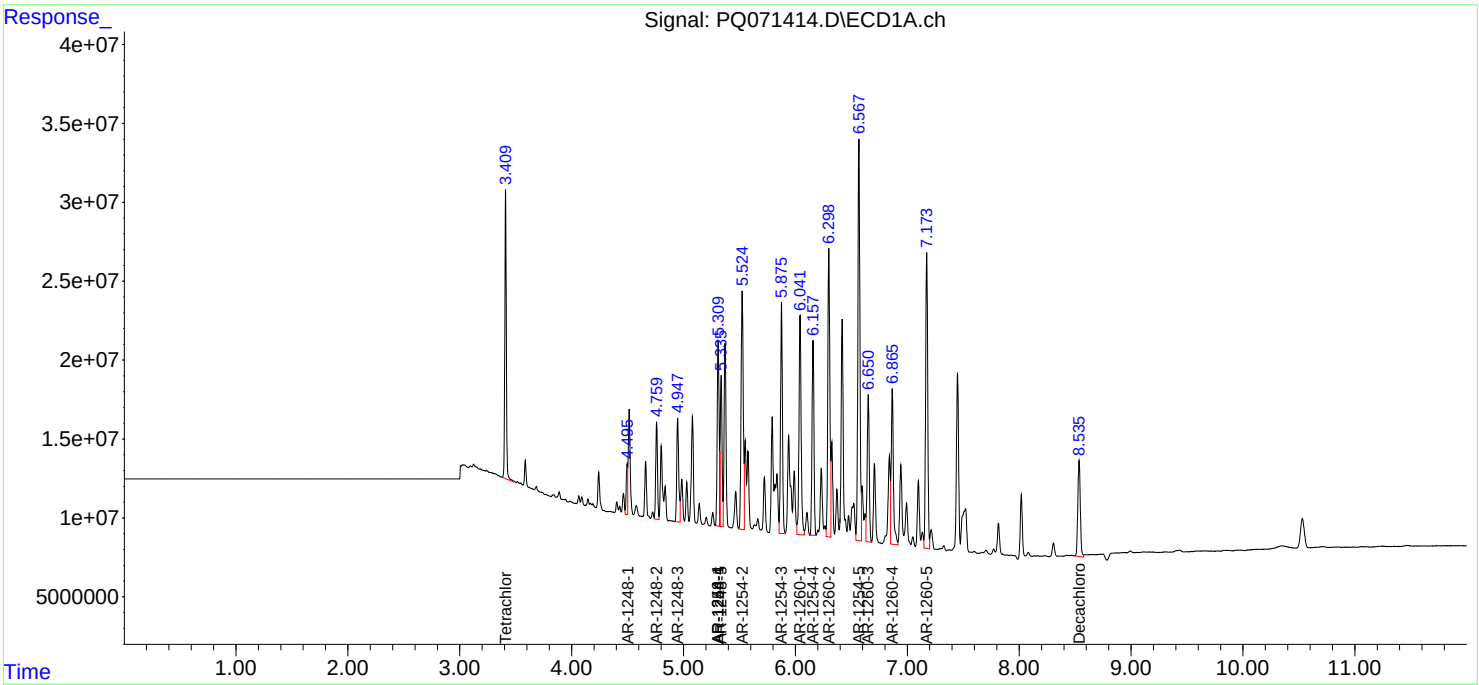
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

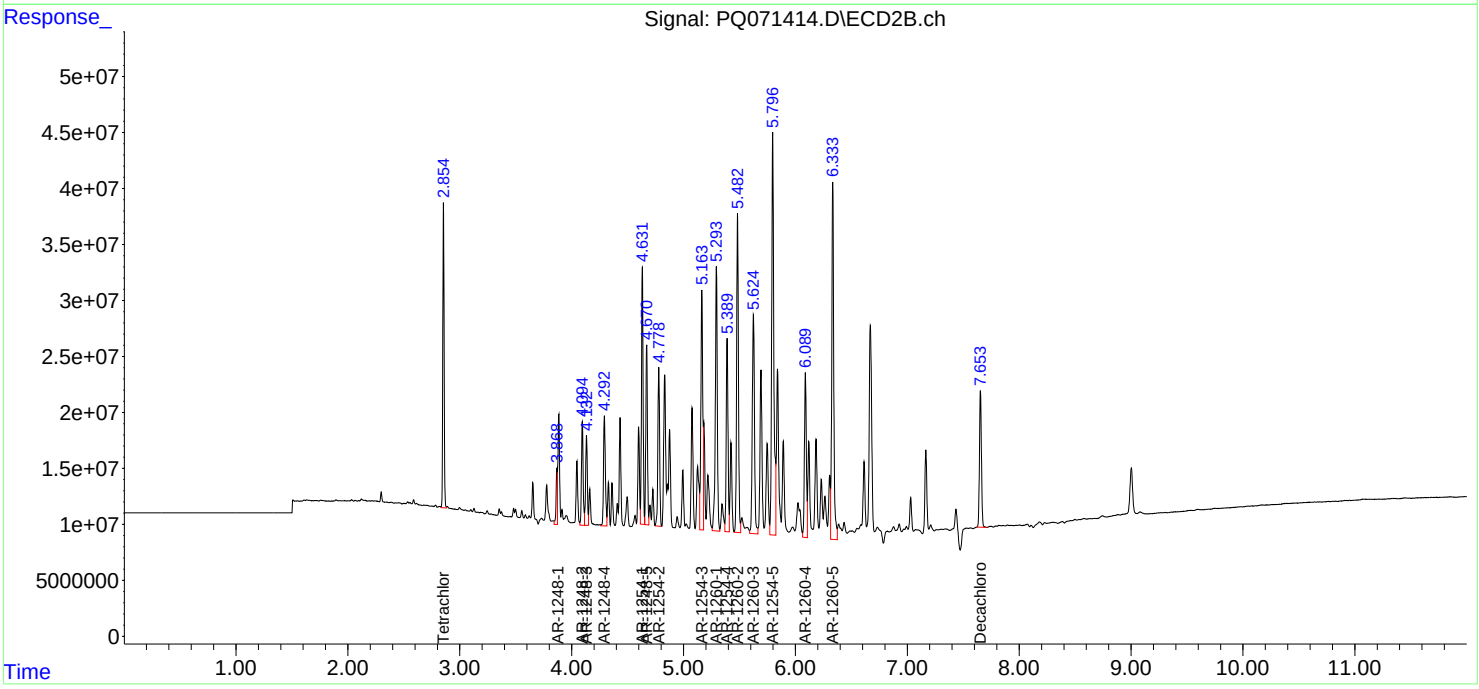
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 05:31
Operator : YP\AJ
Sample : Q3672-19
Misc :
ALS Vial : 74 Sample Multiplier: 1

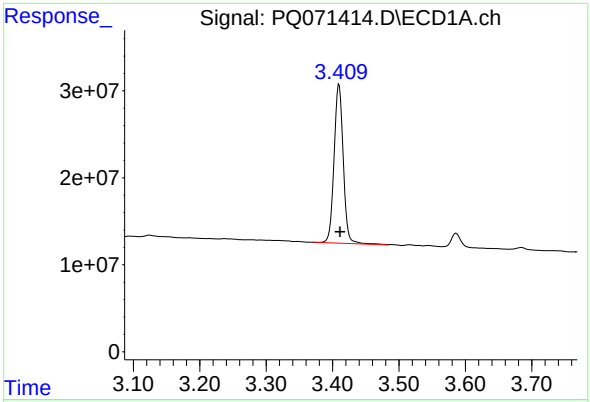
Instrument :
ECD_Q
ClientSampleId :
C0AK2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:09:30 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



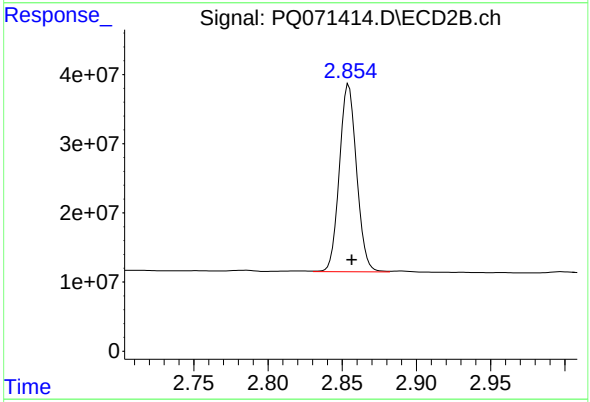




#1 Tetrachloro-m-xylene

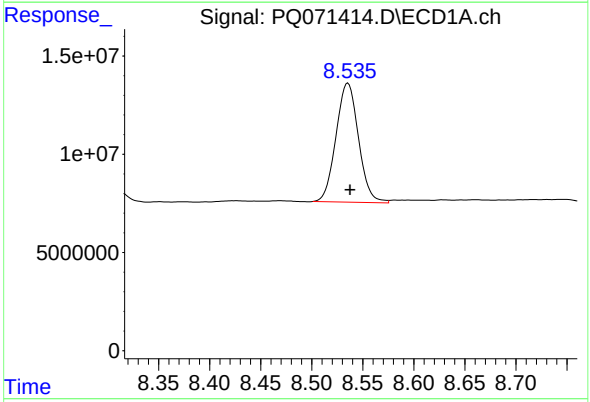
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 175531376
Conc: 20.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



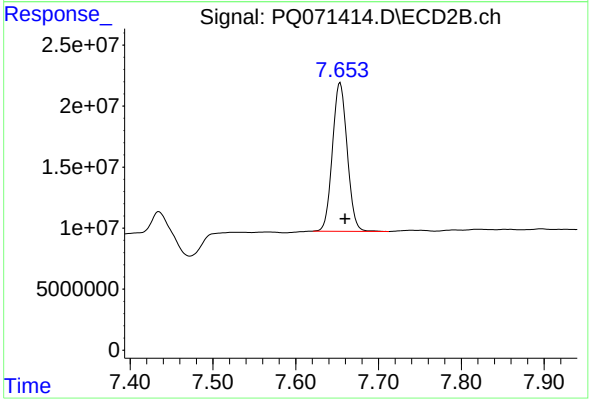
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 219199175
Conc: 23.48 ng/ml



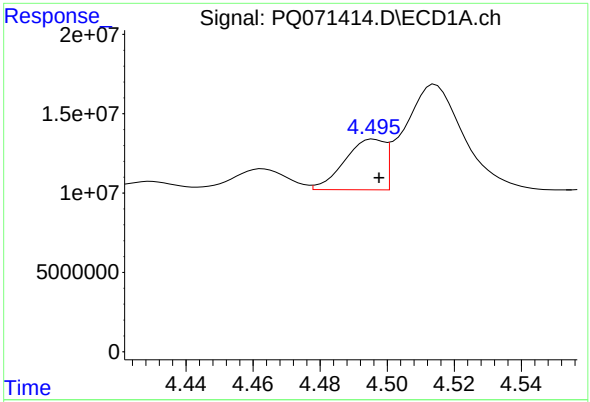
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 93004414
Conc: 14.85 ng/ml



#2 Decachlorobiphenyl

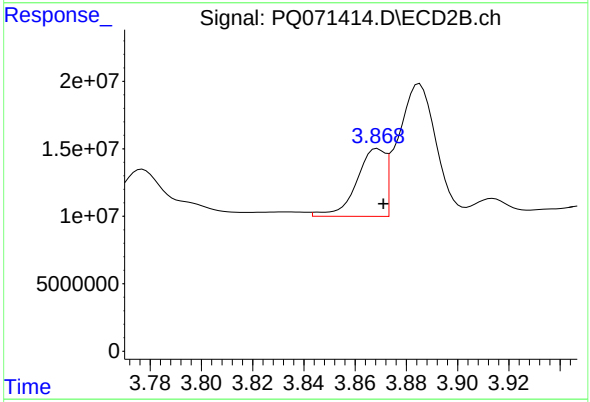
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 150762317
Conc: 16.50 ng/ml



#21 AR-1248-1

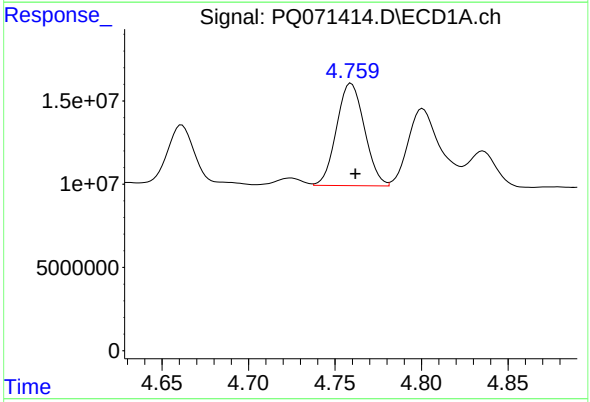
R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 26485593
Conc: 139.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



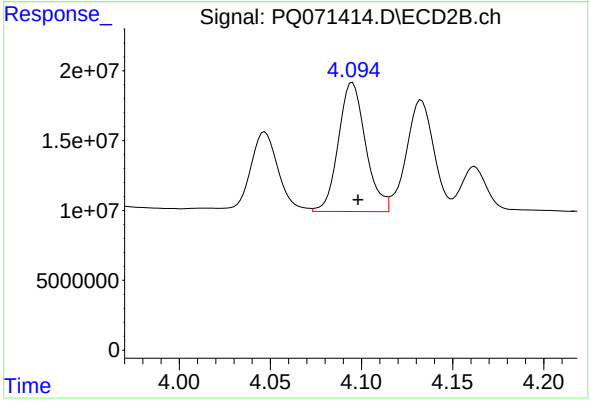
#21 AR-1248-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 39419002
Conc: 185.17 ng/ml



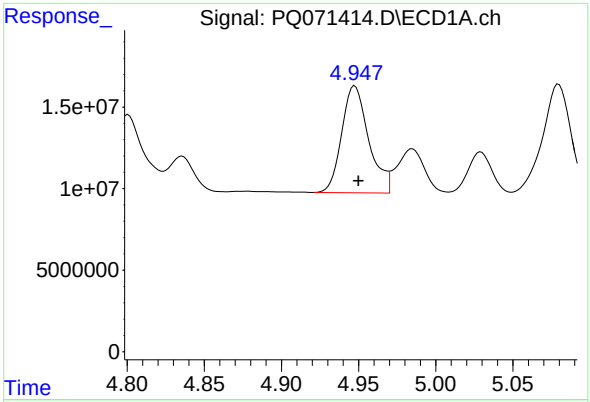
#22 AR-1248-2

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 68793021
Conc: 282.76 ng/ml



#22 AR-1248-2

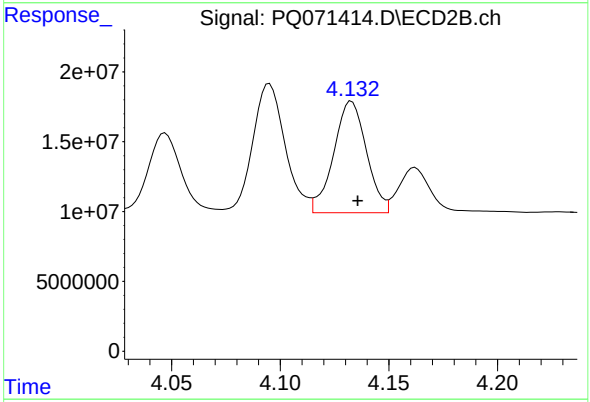
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 96067501
Conc: 338.25 ng/ml



#23 AR-1248-3

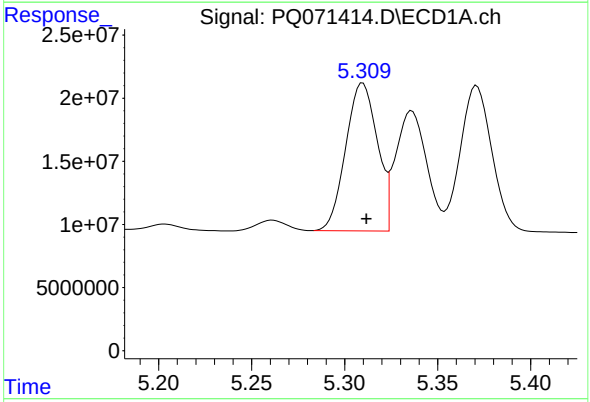
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 79851990
Conc: 271.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



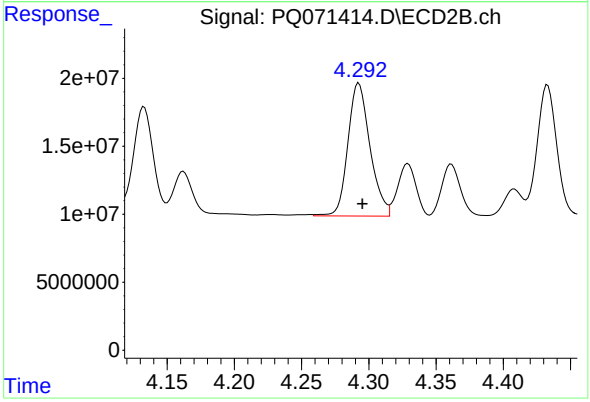
#23 AR-1248-3

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 84105011
Conc: 300.25 ng/ml



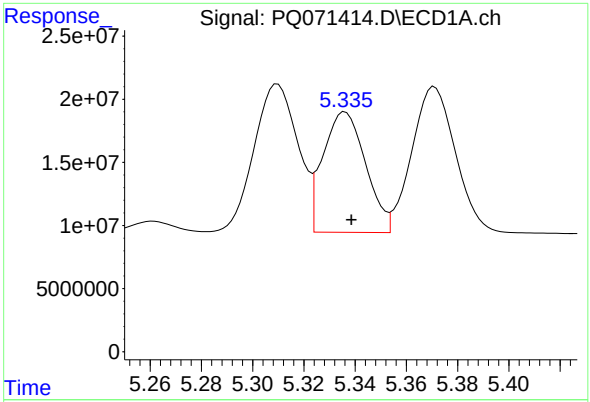
#24 AR-1248-4

R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 138872182
Conc: 528.28 ng/ml



#24 AR-1248-4

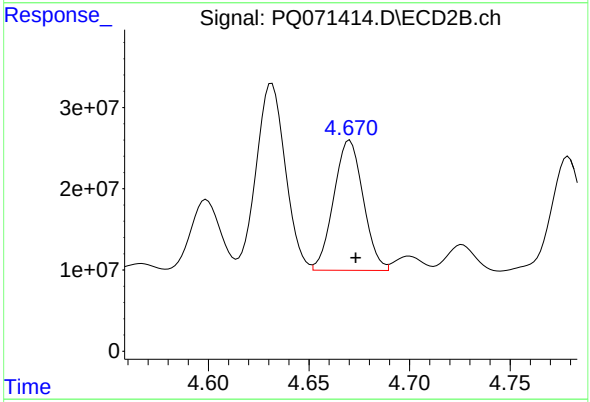
R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 111920406
Conc: 323.11 ng/ml



#25 AR-1248-5

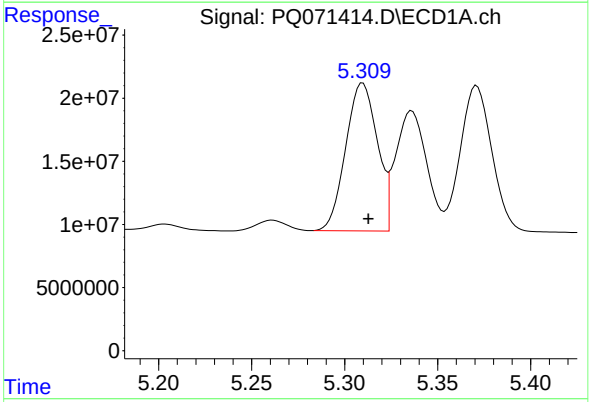
R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 110270253
Conc: 325.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



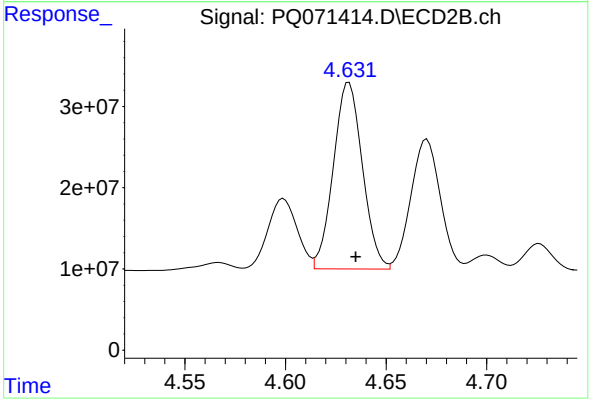
#25 AR-1248-5

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 162963132
Conc: 467.43 ng/ml



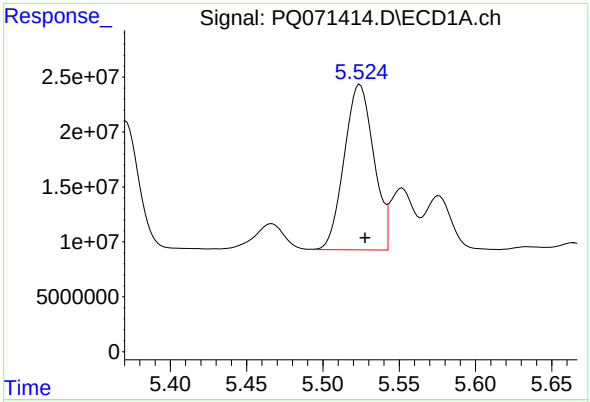
#26 AR-1254-1

R.T.: 5.310 min
Delta R.T.: -0.003 min
Response: 138872182
Conc: 399.79 ng/ml



#26 AR-1254-1

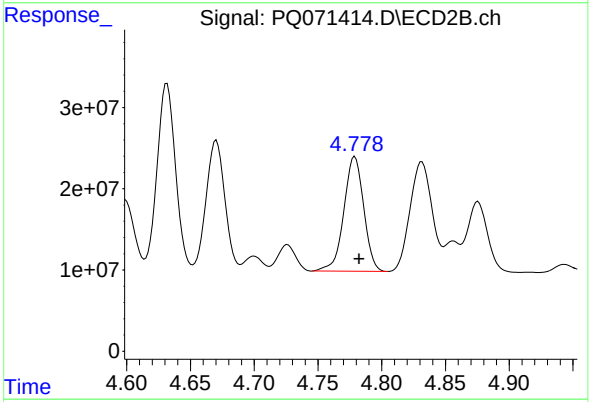
R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 230161448
Conc: 429.51 ng/ml



#27 AR-1254-2

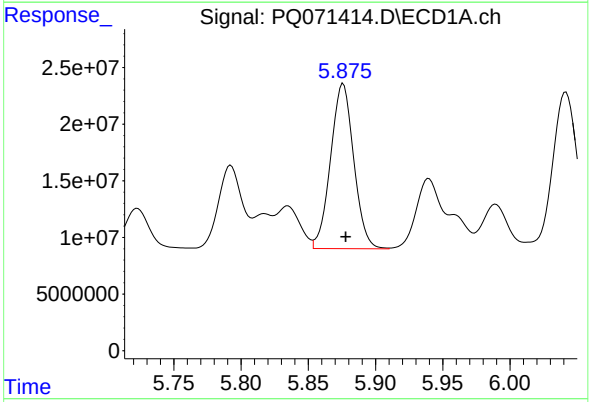
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 202872783
Conc: 374.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



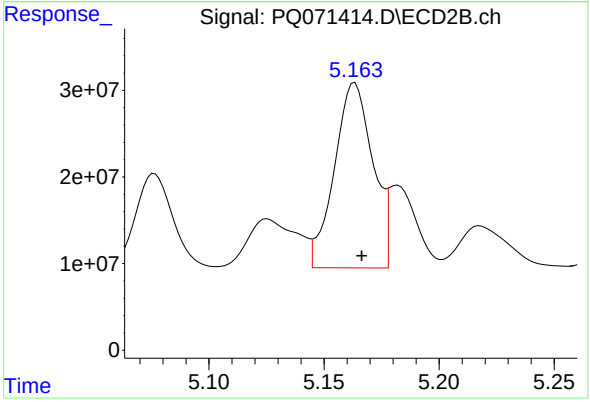
#27 AR-1254-2

R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 153120063
Conc: 333.75 ng/ml



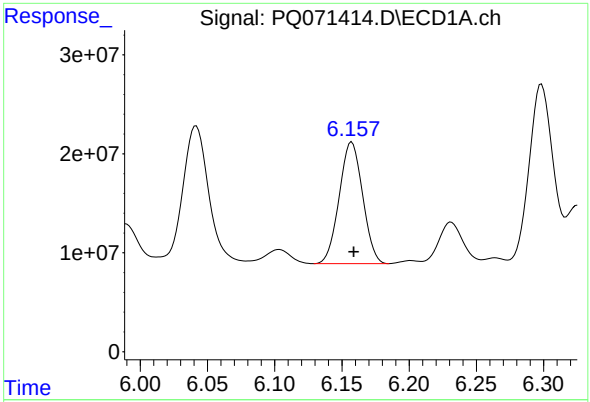
#28 AR-1254-3

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 173736422
Conc: 301.71 ng/ml



#28 AR-1254-3

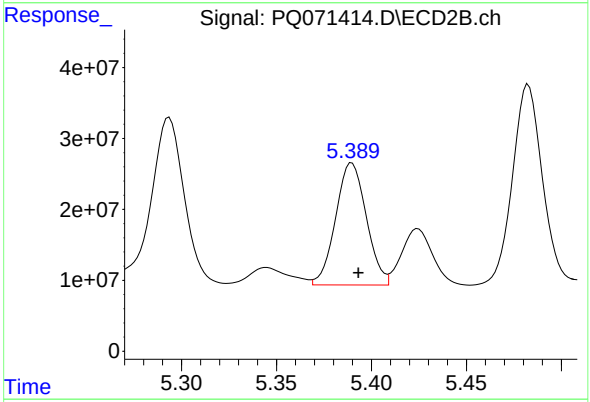
R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 249664749
Conc: 328.81 ng/ml



#29 AR-1254-4

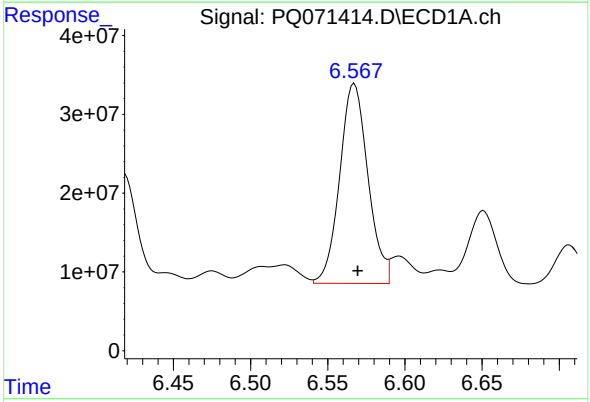
R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 148425488
Conc: 351.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



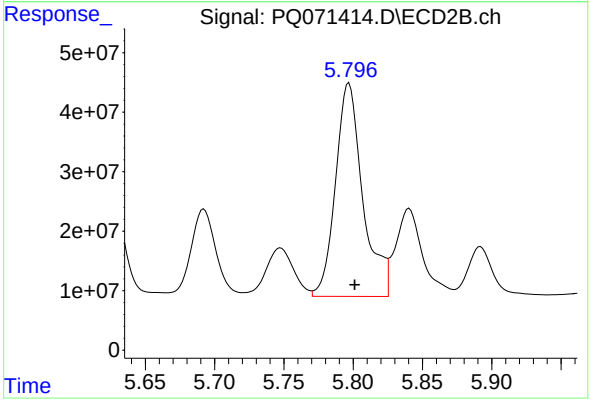
#29 AR-1254-4

R.T.: 5.390 min
Delta R.T.: -0.004 min
Response: 193842976
Conc: 387.83 ng/ml



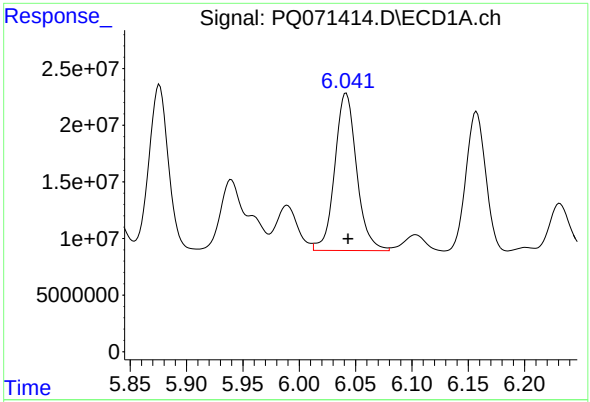
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 323228450
Conc: 703.23 ng/ml



#30 AR-1254-5

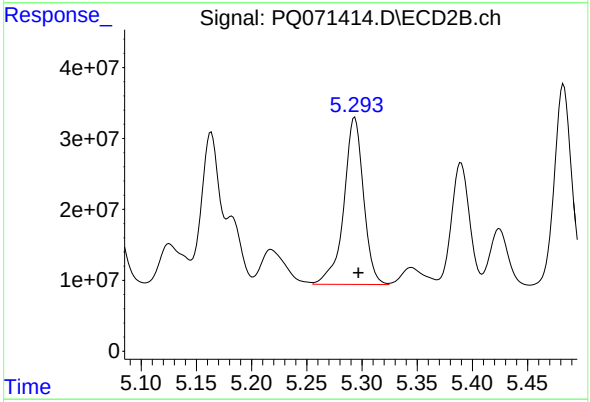
R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 490026938
Conc: 707.90 ng/ml



#31 AR-1260-1

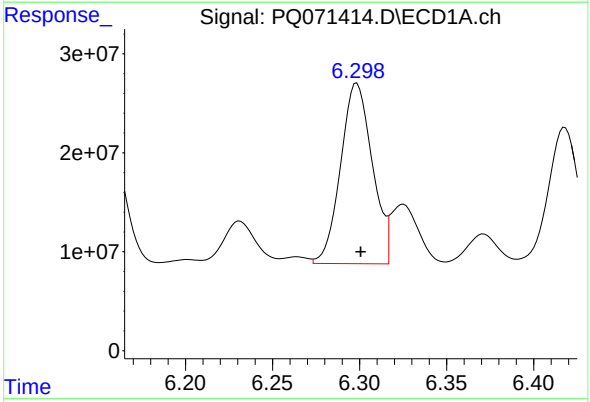
R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 187855450
Conc: 419.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



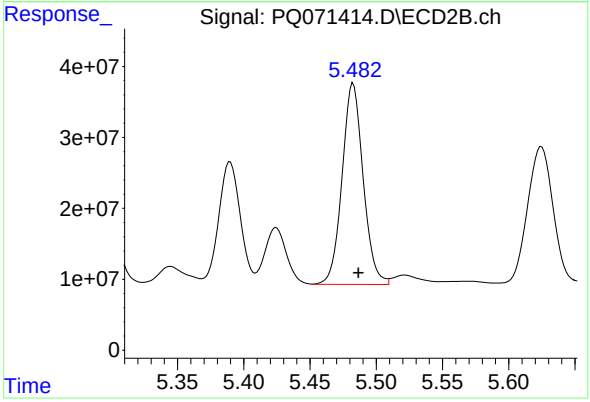
#31 AR-1260-1

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 292407957
Conc: 586.07 ng/ml



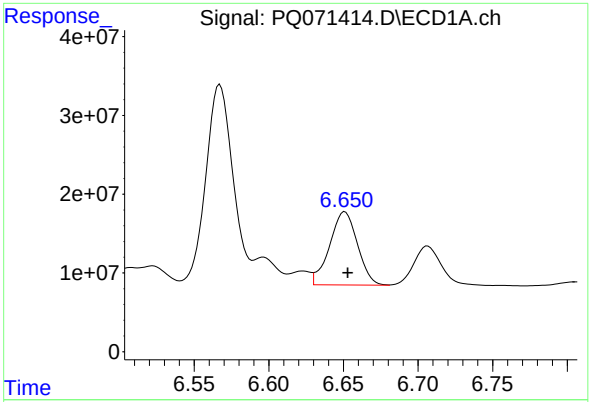
#32 AR-1260-2

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 230837866
Conc: 451.81 ng/ml



#32 AR-1260-2

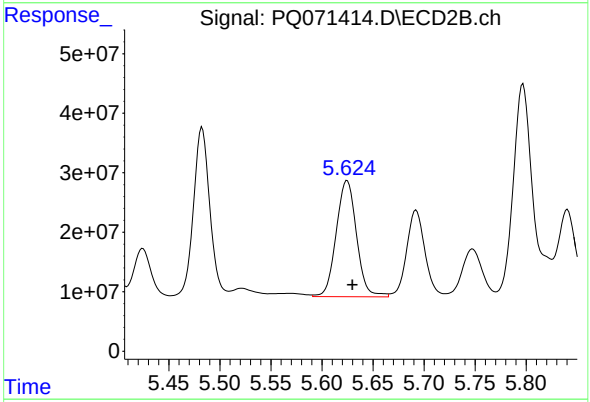
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 314021256
Conc: 517.87 ng/ml



#33 AR-1260-3

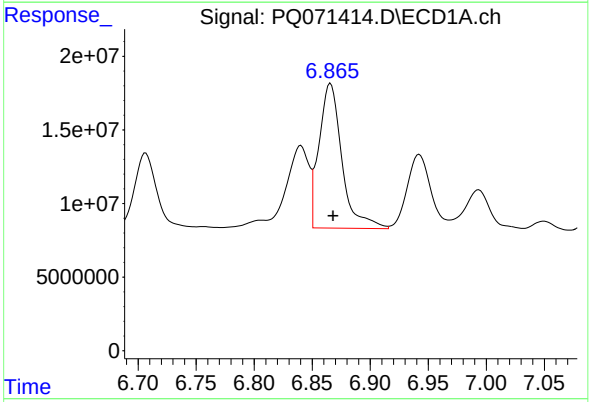
R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 121012281
Conc: 316.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



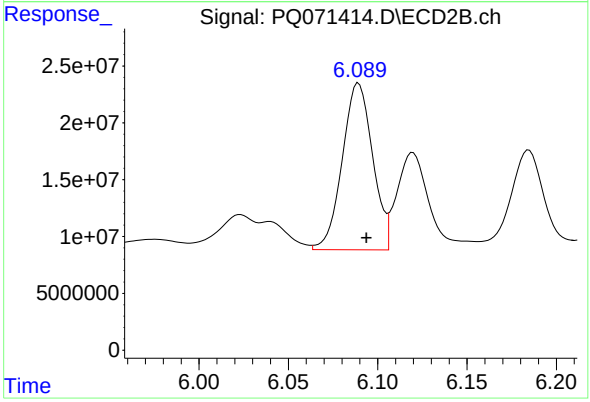
#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 270572657
Conc: 457.68 ng/ml



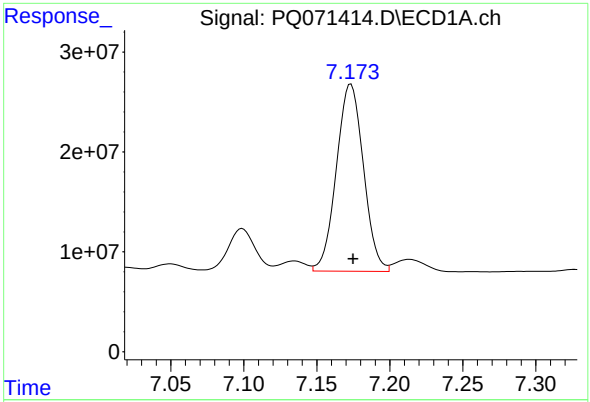
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 134865389
Conc: 322.53 ng/ml



#34 AR-1260-4

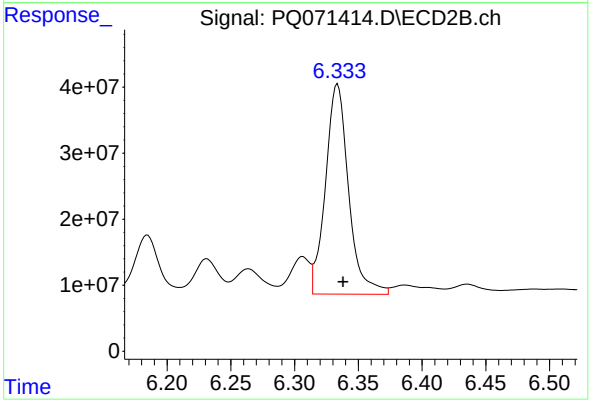
R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 173448196
Conc: 350.13 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 241240976
Conc: 289.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AK2



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 401553097
Conc: 349.70 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3672

Instrument ID: ECD_Q **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: RT 1000 = PQ071273.D RT 750 = PQ071274.D

RT 500 = PQ071275.D RT 250 = PQ071276.D RT 050 = PQ071277.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW 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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3672

Instrument ID: ECD_Q **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: RT 1000 = PQ071273.D RT 750 = PQ071274.D

RT 500 = PQ071275.D RT 250 = PQ071276.D RT 050 = PQ071277.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW 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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3672
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 = PQ071273.D CF 750 = PQ071274.D
CF 500 = PQ071275.D CF 250 = PQ071276.D CF 050 = PQ071277.D

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR16
SDG NO.: Q3672
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 = PQ071273.D CF 750 = PQ071274.D
CF 500 = PQ071275.D CF 250 = PQ071276.D CF 050 = PQ071277.D

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3672

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR16

Lab Code: ACE **SDG NO.:** Q3672

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

Quantitation Report (QT Reviewed)

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

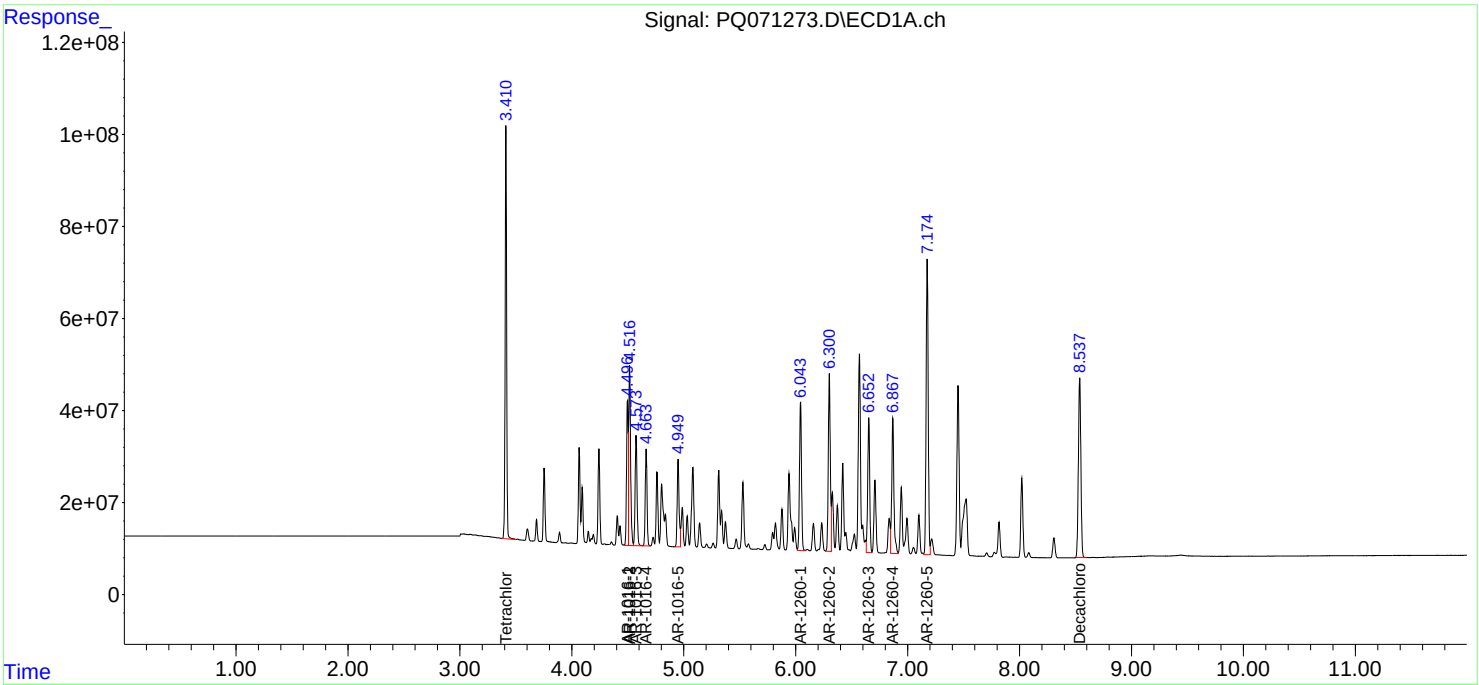
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

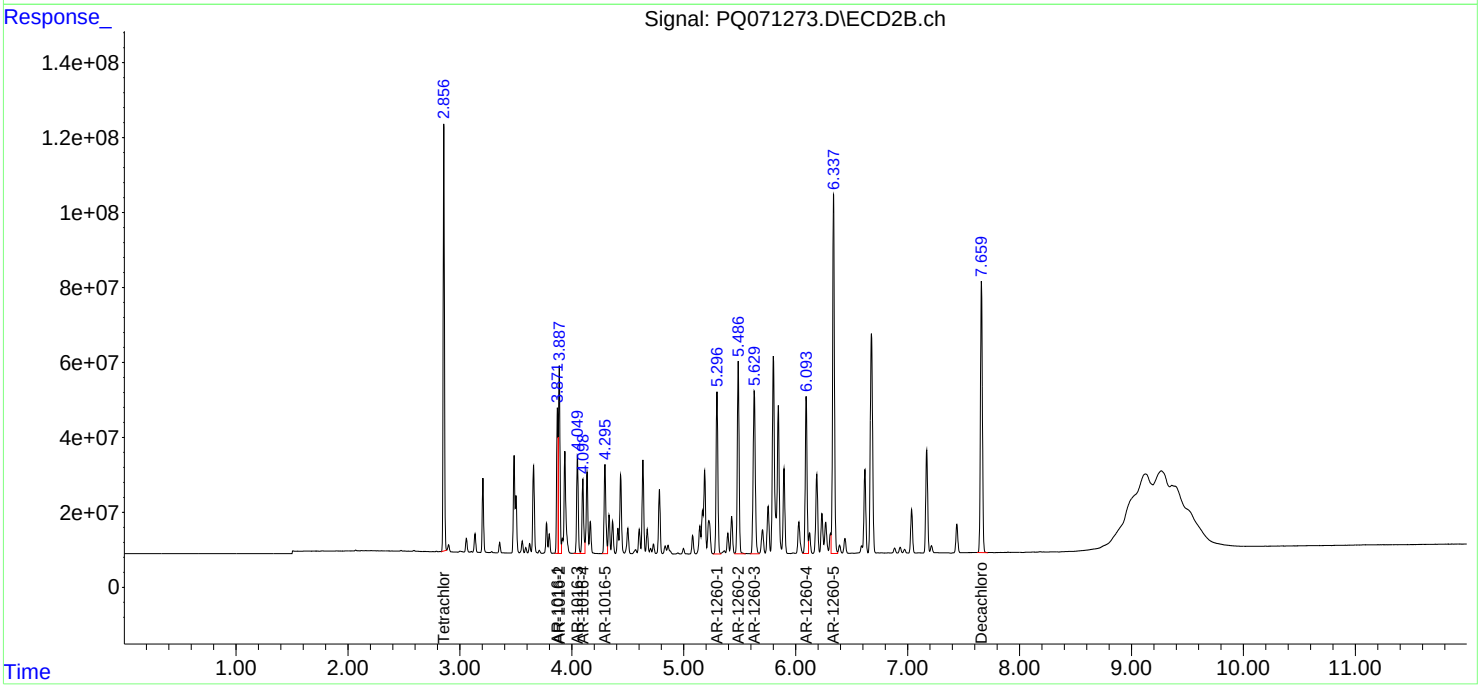
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:13
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 101 Sample Multiplier: 1

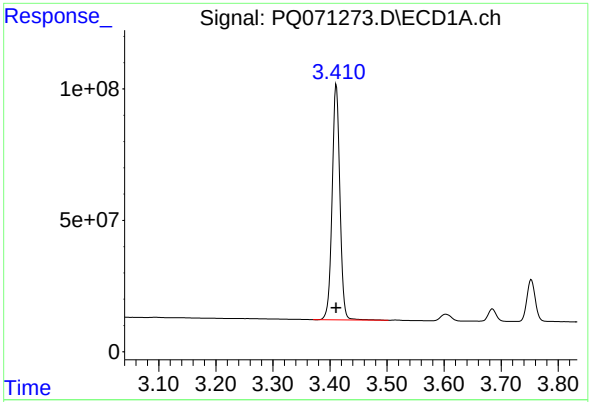
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

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



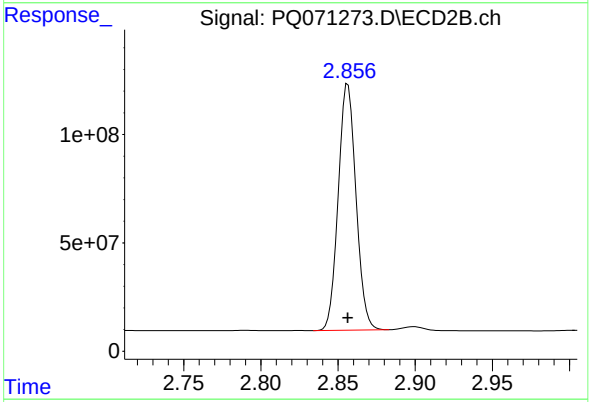




#1 Tetrachloro-m-xylene

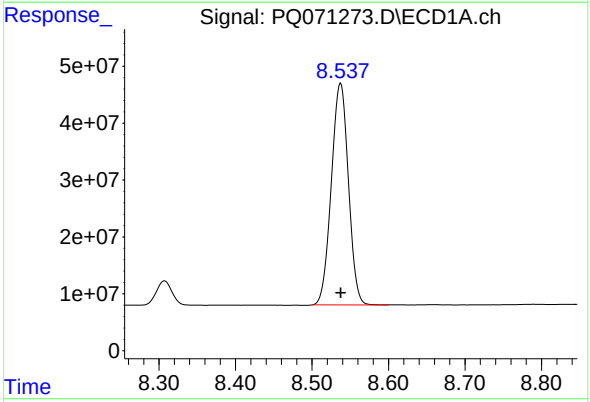
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 854600646
Conc: 97.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



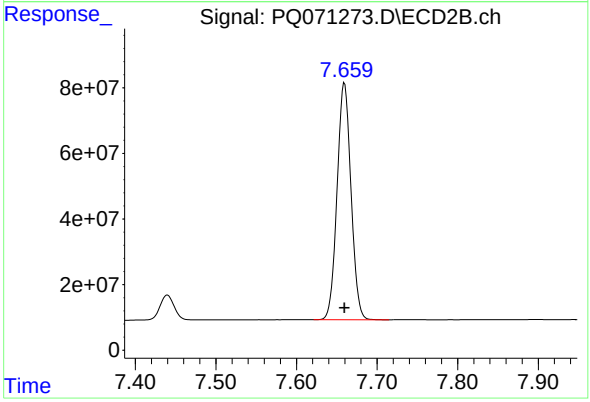
#1 Tetrachloro-m-xylene

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



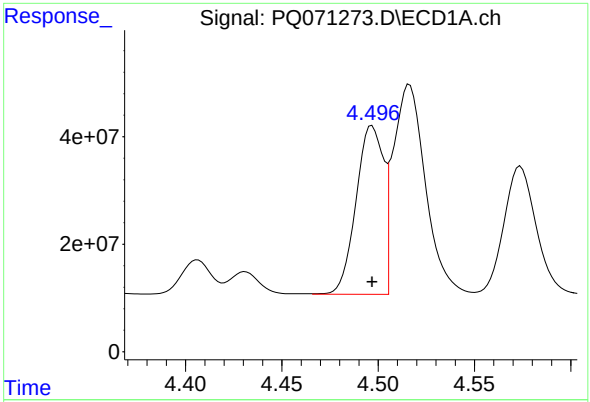
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

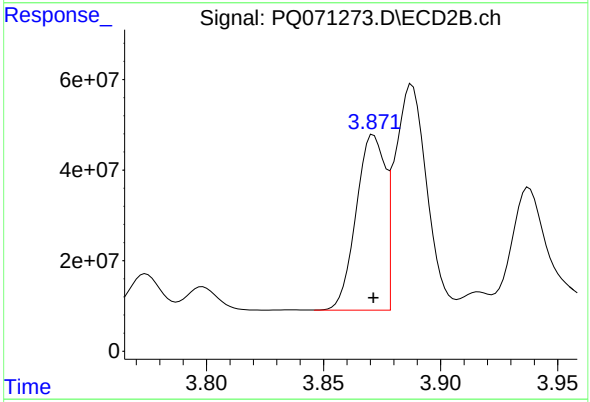
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 866333466
Conc: 96.27 ng/ml



#3 AR-1016-1

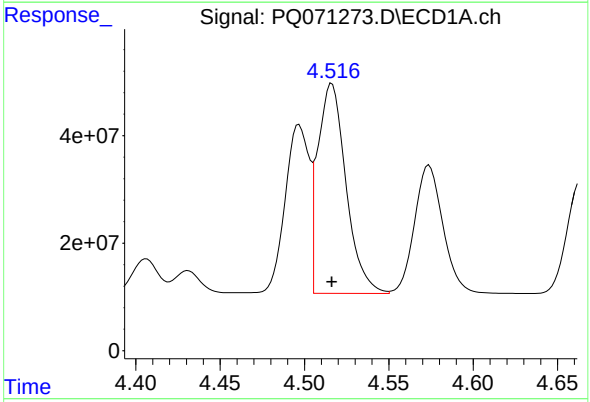
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 311209443
Conc: 963.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



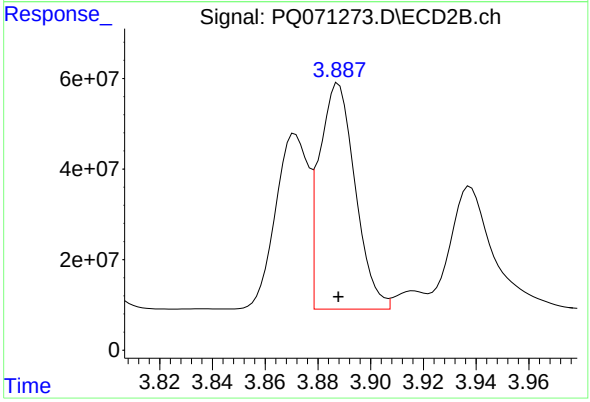
#3 AR-1016-1

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



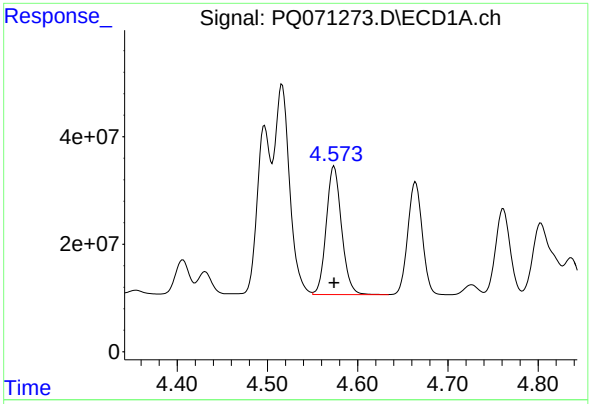
#4 AR-1016-2

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



#4 AR-1016-2

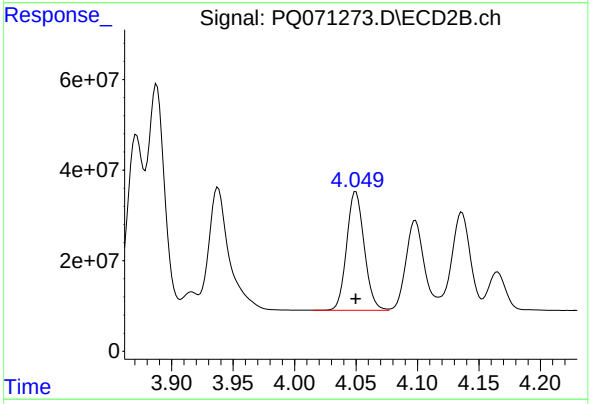
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 469915964
Conc: 960.09 ng/ml



#5 AR-1016-3

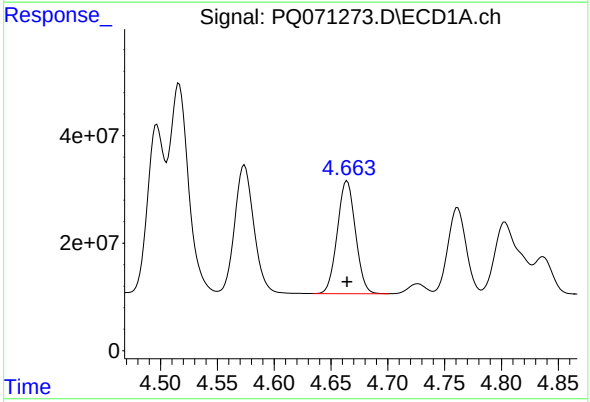
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 281433085
Conc: 958.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



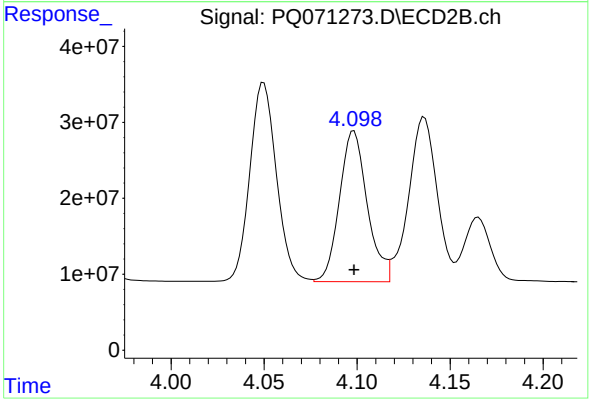
#5 AR-1016-3

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



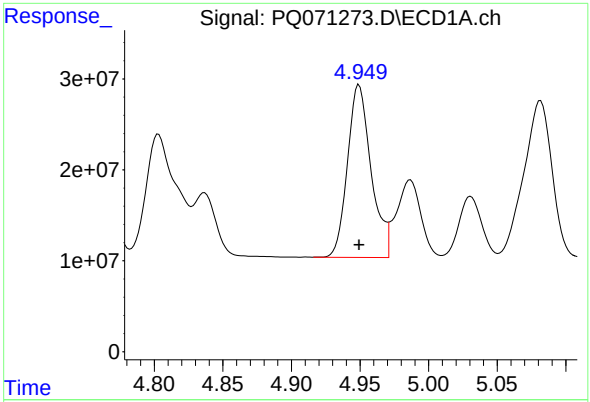
#6 AR-1016-4

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



#6 AR-1016-4

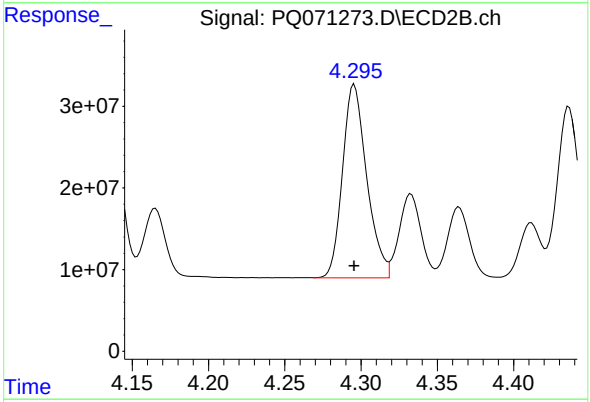
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 206335378
Conc: 954.98 ng/ml



#7 AR-1016-5

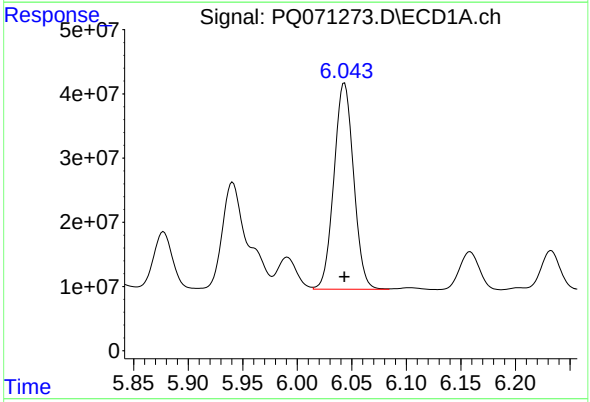
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 227588399
Conc: 963.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



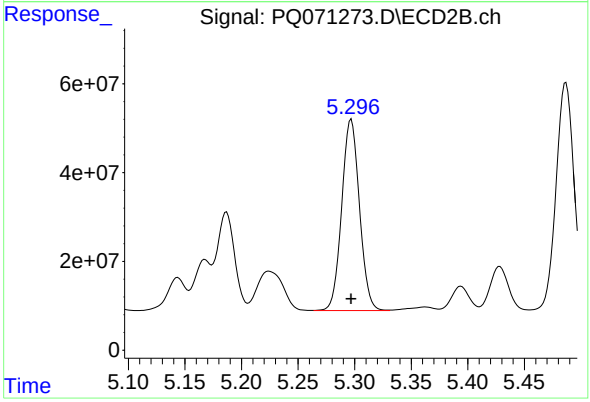
#7 AR-1016-5

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



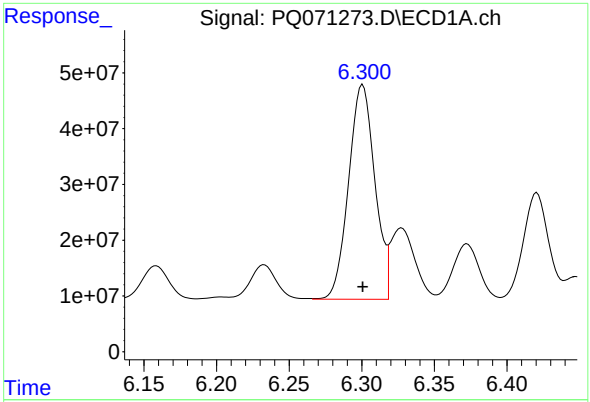
#31 AR-1260-1

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



#31 AR-1260-1

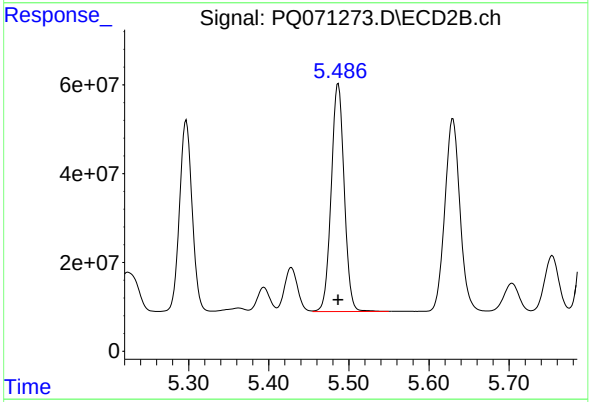
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 470834211
Conc: 963.45 ng/ml



#32 AR-1260-2

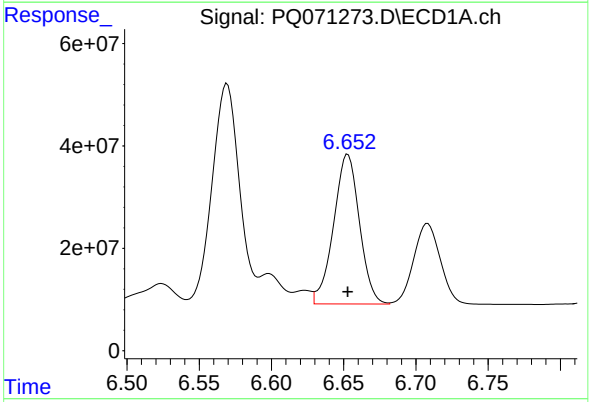
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 484063668
Conc: 966.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



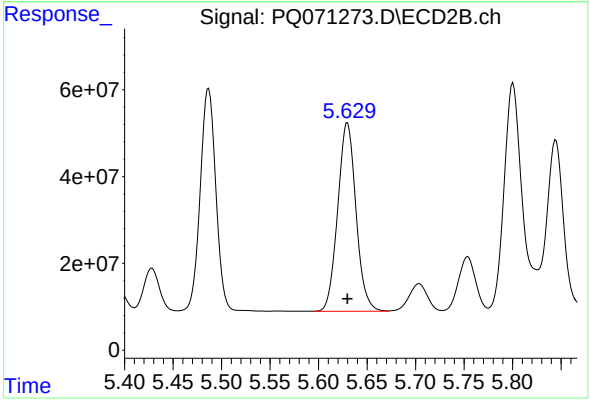
#32 AR-1260-2

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



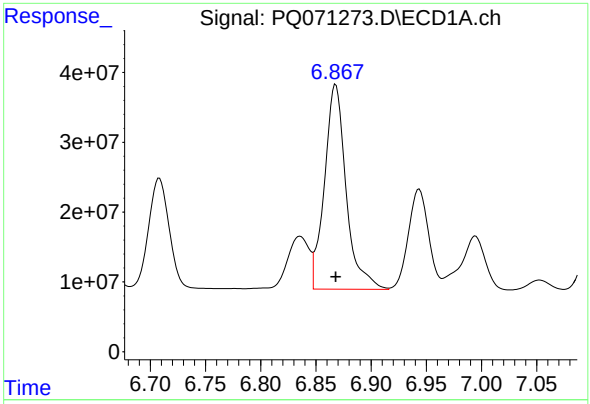
#33 AR-1260-3

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



#33 AR-1260-3

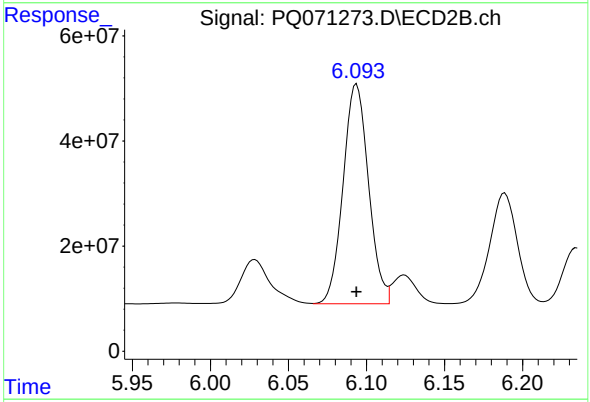
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 569533507
Conc: 973.28 ng/ml



#34 AR-1260-4

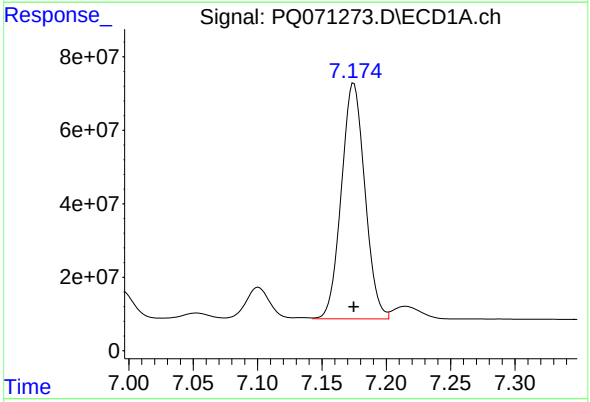
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 401463798
Conc: 970.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



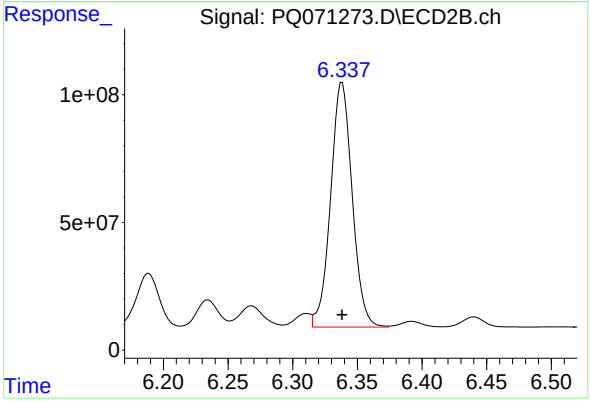
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

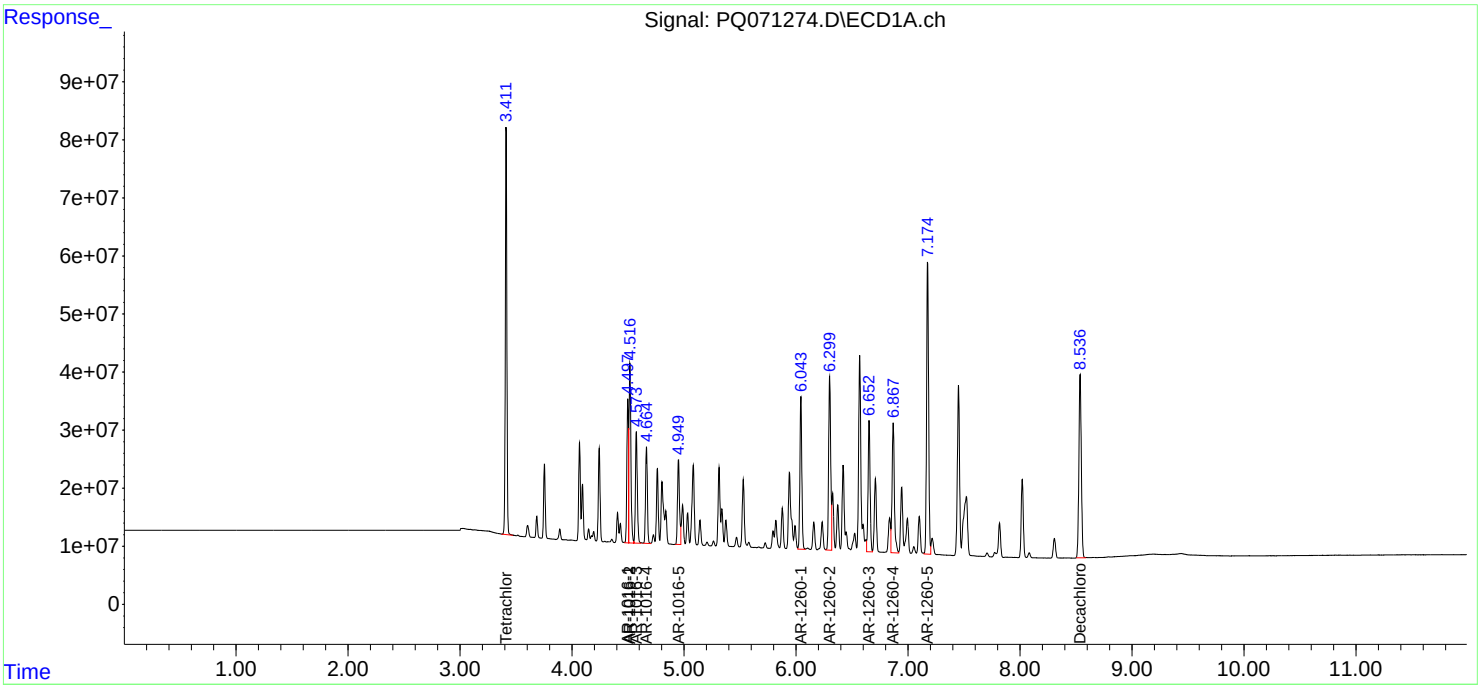
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

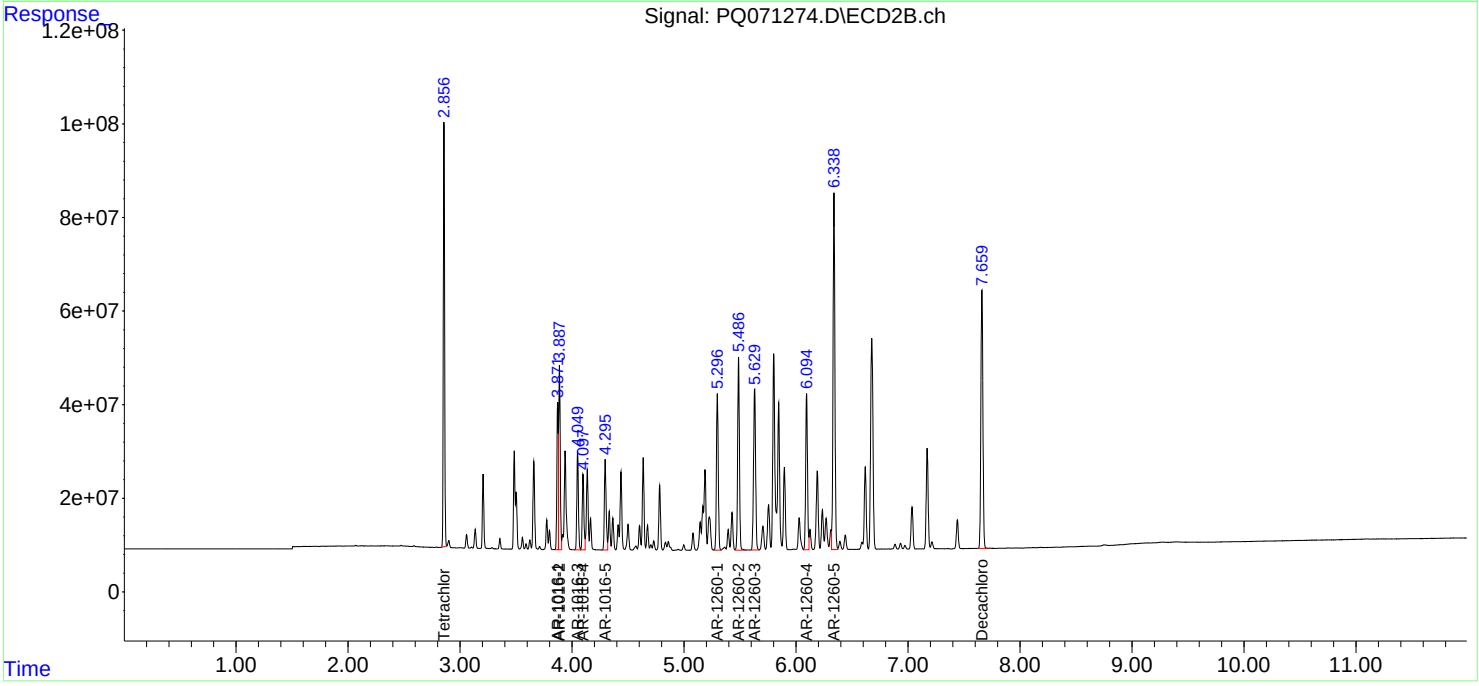
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:28
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 102 Sample Multiplier: 1

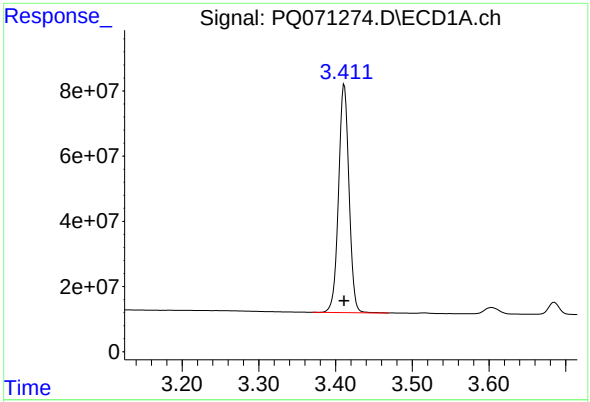
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

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



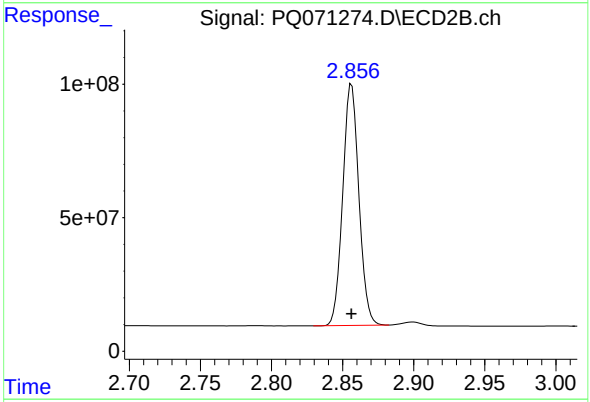




#1 Tetrachloro-m-xylene

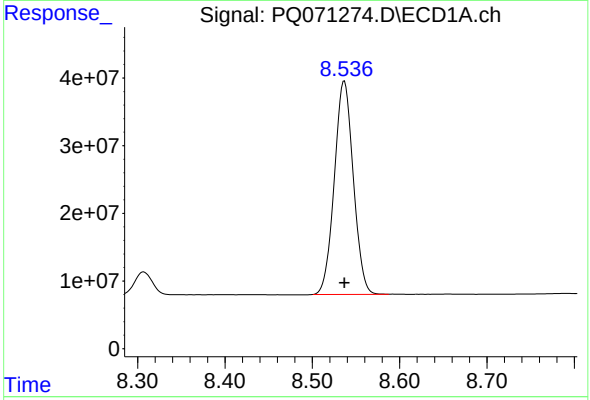
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 664366938
Conc: 75.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



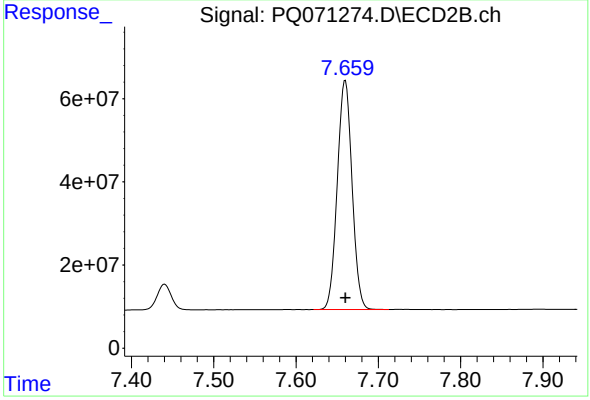
#1 Tetrachloro-m-xylene

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



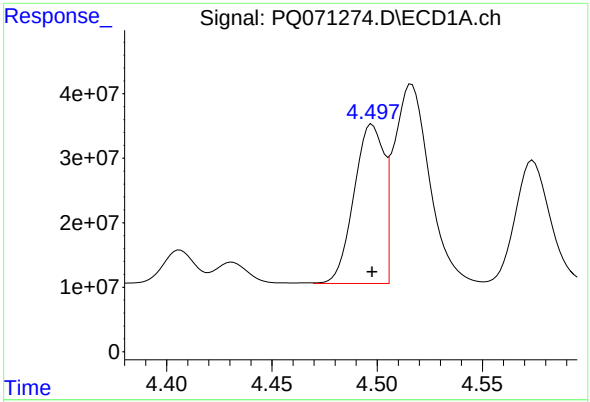
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

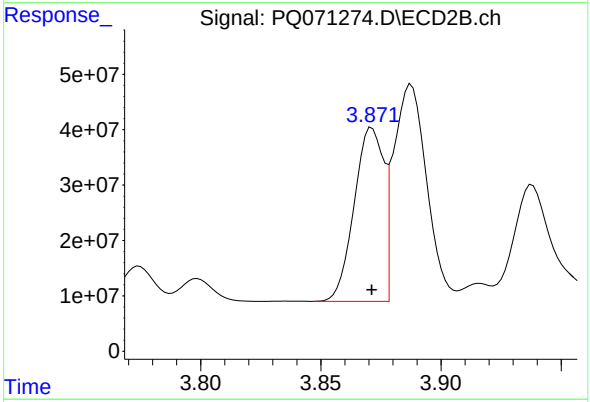
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 687999853
Conc: 75.96 ng/ml



#3 AR-1016-1

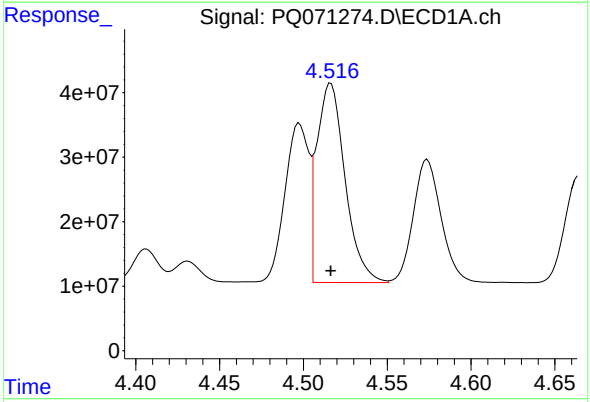
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 243979807
Conc: 753.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



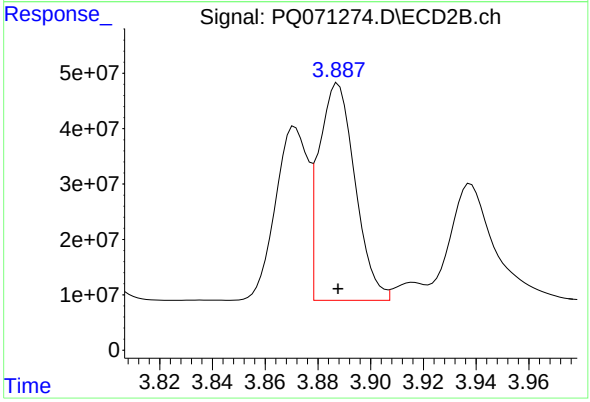
#3 AR-1016-1

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



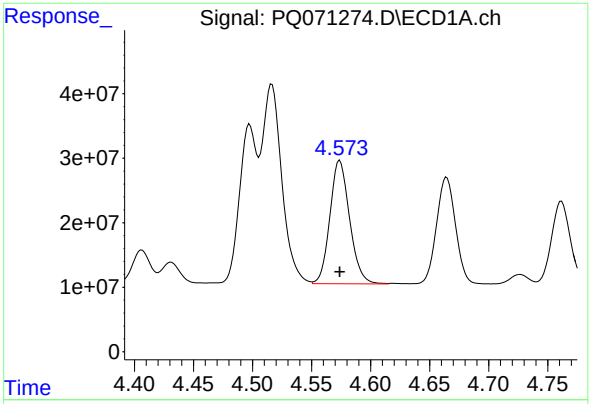
#4 AR-1016-2

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



#4 AR-1016-2

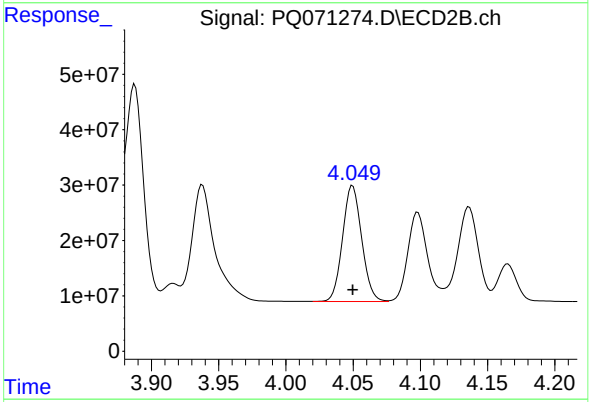
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 373833826
Conc: 759.13 ng/ml



#5 AR-1016-3

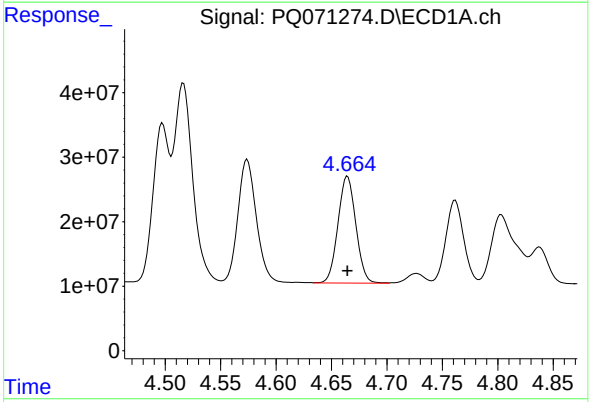
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 222189990
Conc: 754.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



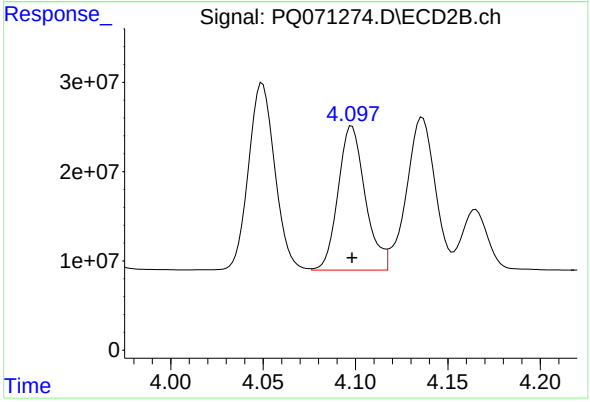
#5 AR-1016-3

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



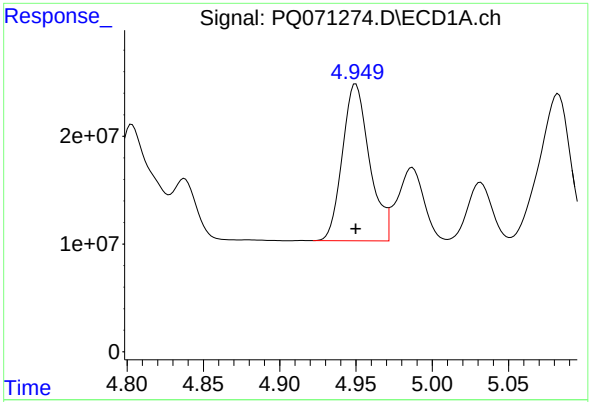
#6 AR-1016-4

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



#6 AR-1016-4

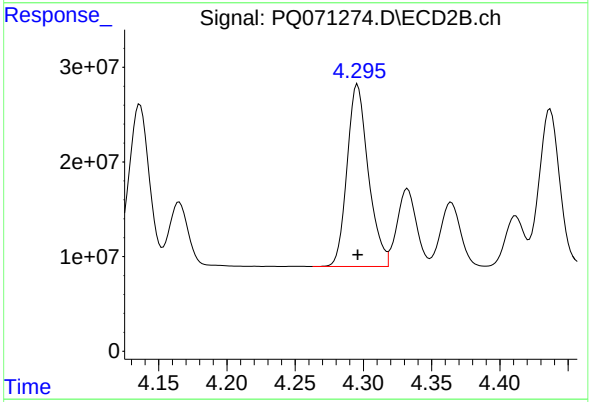
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 164838364
Conc: 758.57 ng/ml



#7 AR-1016-5

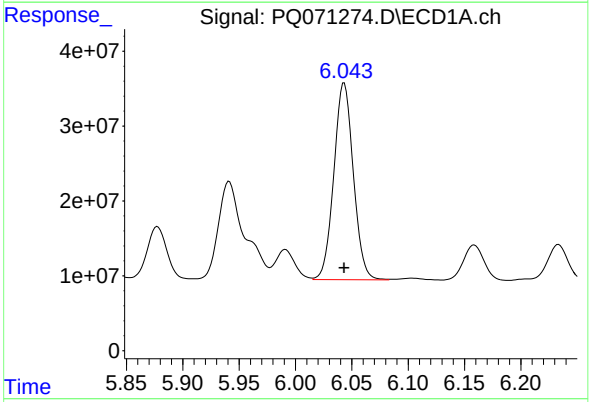
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 180253100
Conc: 758.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



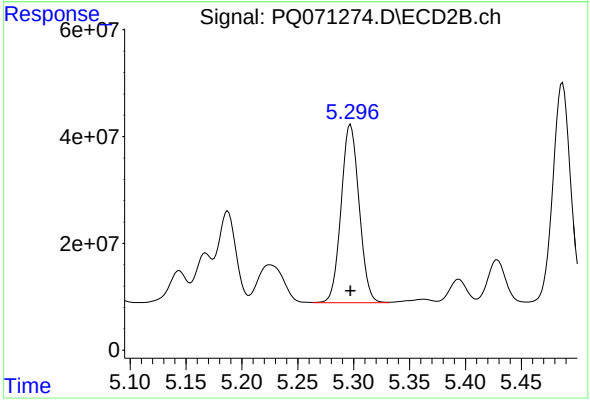
#7 AR-1016-5

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



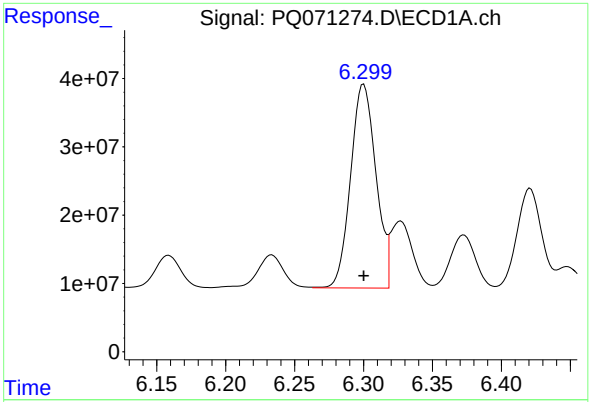
#31 AR-1260-1

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



#31 AR-1260-1

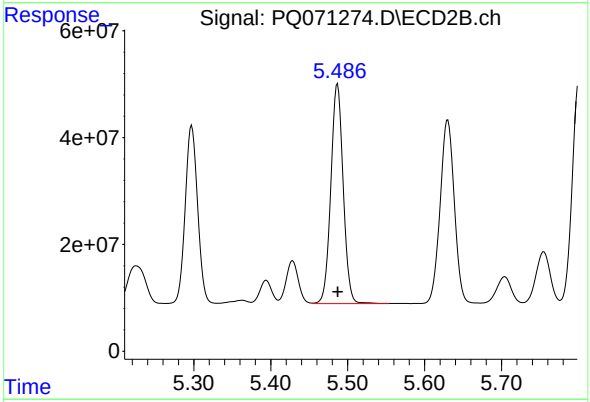
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 374272988
Conc: 760.50 ng/ml



#32 AR-1260-2

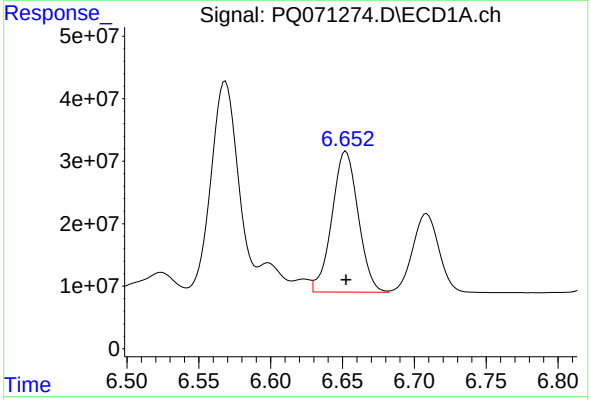
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 381566879
Conc: 757.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



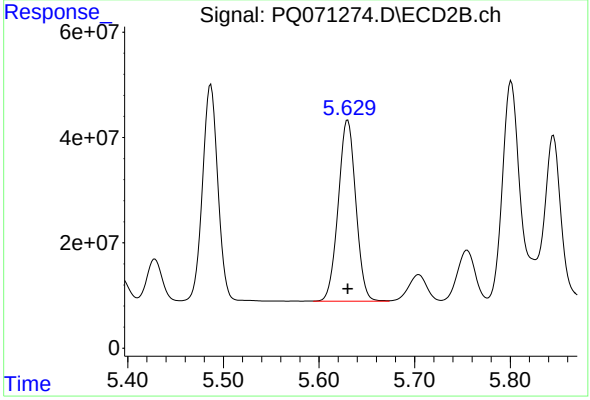
#32 AR-1260-2

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



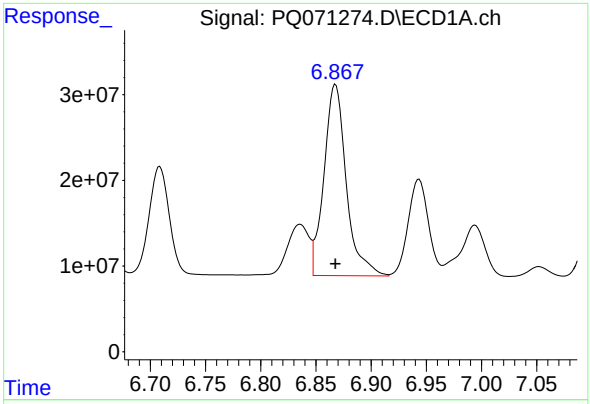
#33 AR-1260-3

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



#33 AR-1260-3

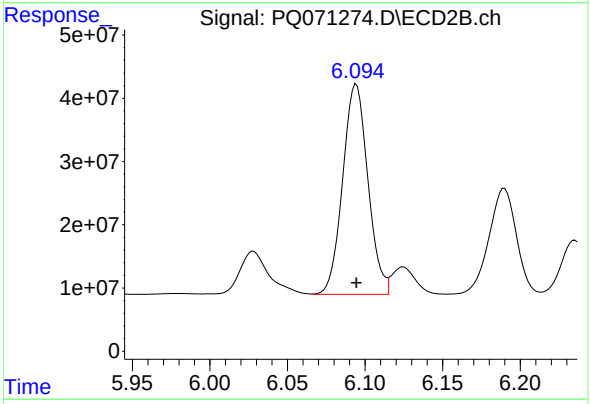
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 440104030
Conc: 751.40 ng/ml



#34 AR-1260-4

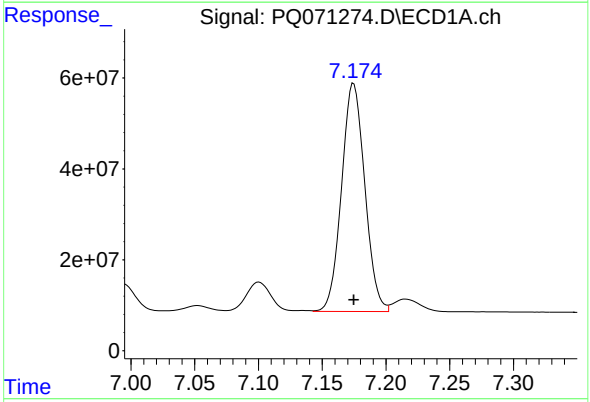
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 313555845
Conc: 755.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



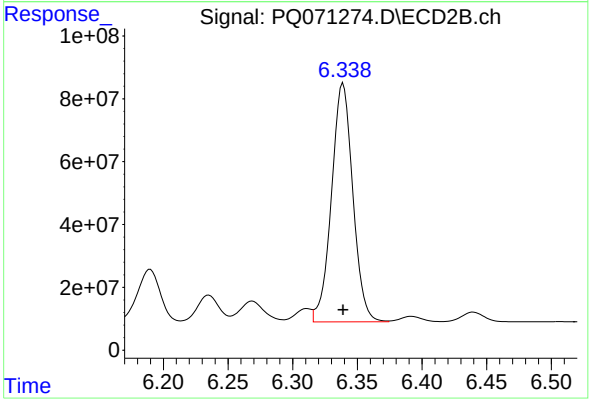
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

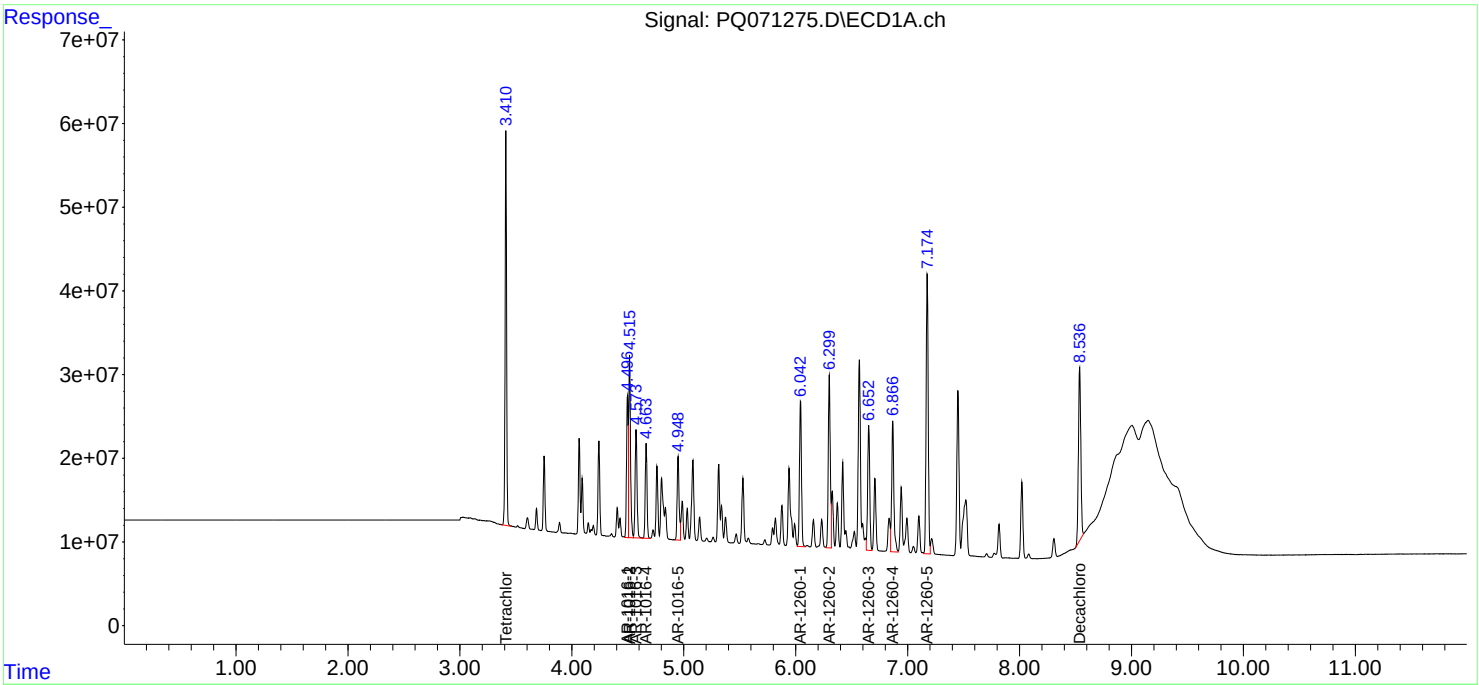
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

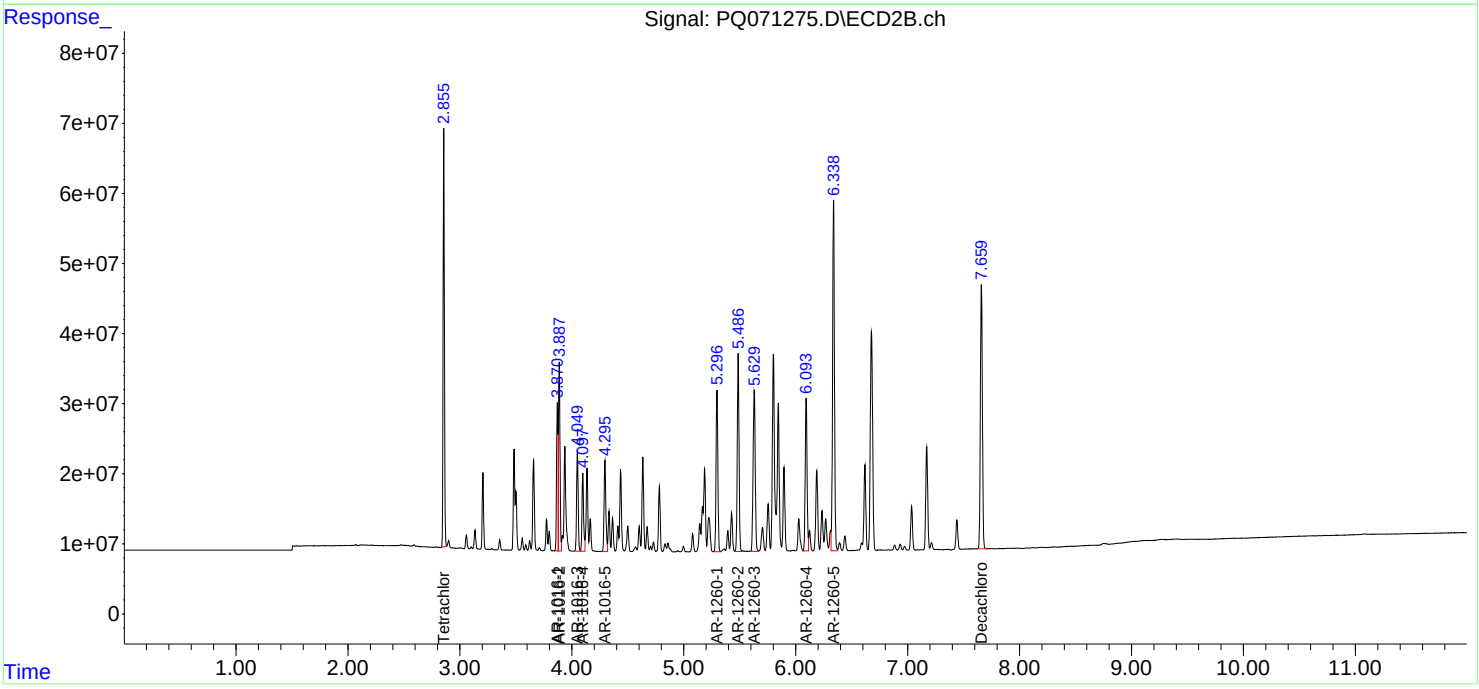
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:43
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 103 Sample Multiplier: 1

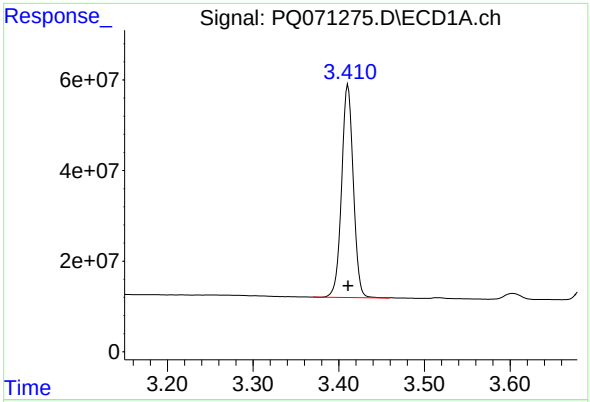
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

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



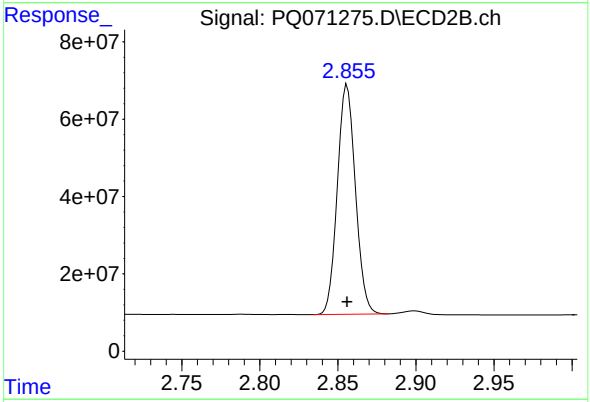




#1 Tetrachloro-m-xylene

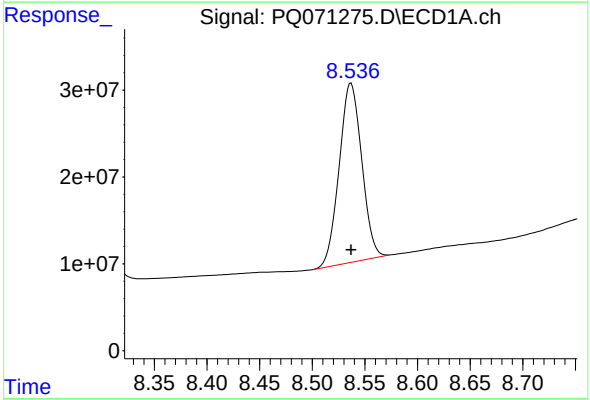
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 444998766
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



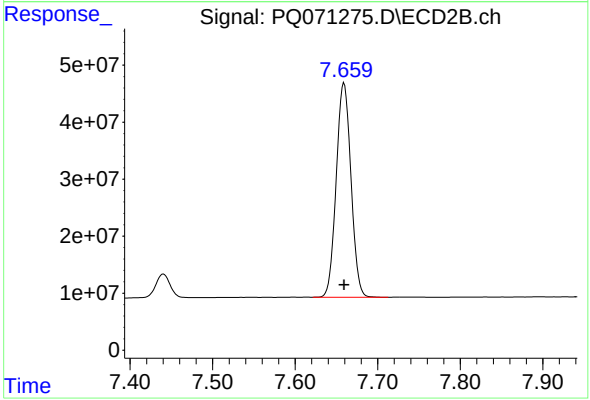
#1 Tetrachloro-m-xylene

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



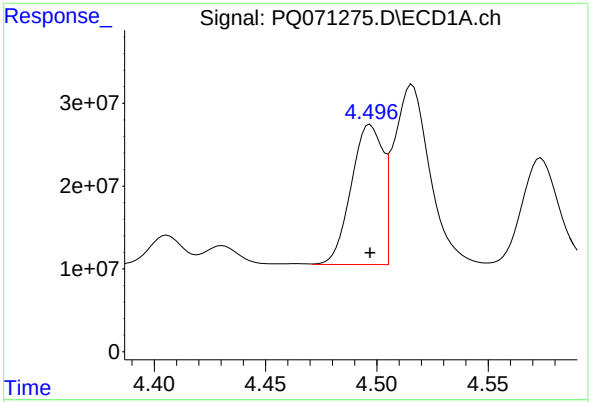
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

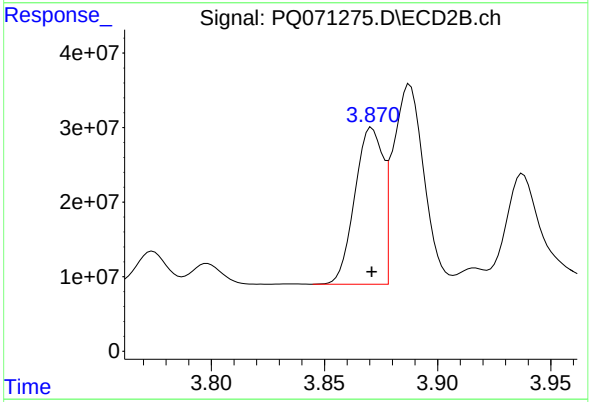
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 466714321
Conc: 50.00 ng/ml



#3 AR-1016-1

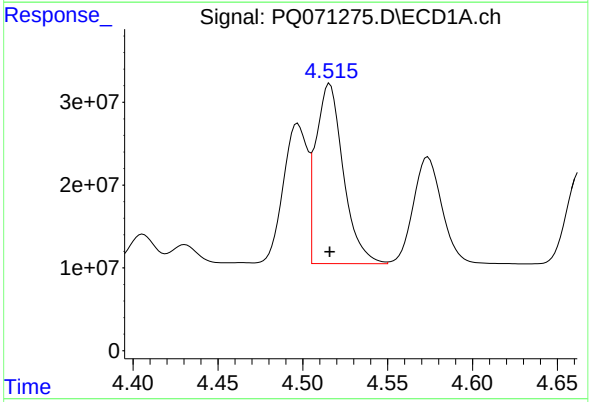
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 167480210
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



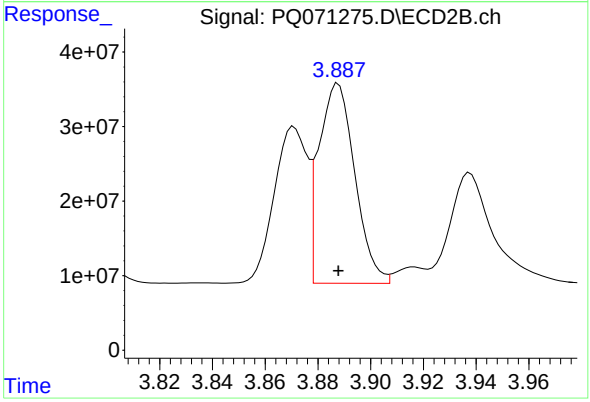
#3 AR-1016-1

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



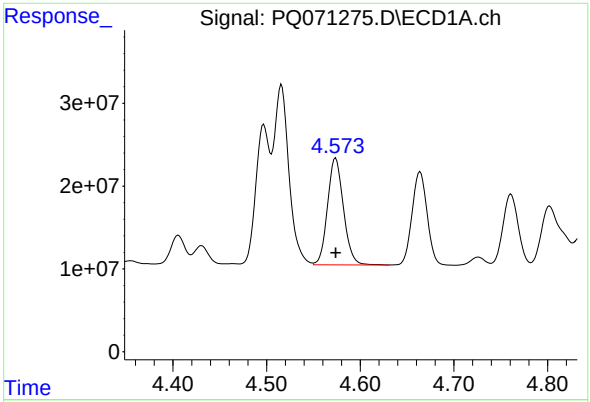
#4 AR-1016-2

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



#4 AR-1016-2

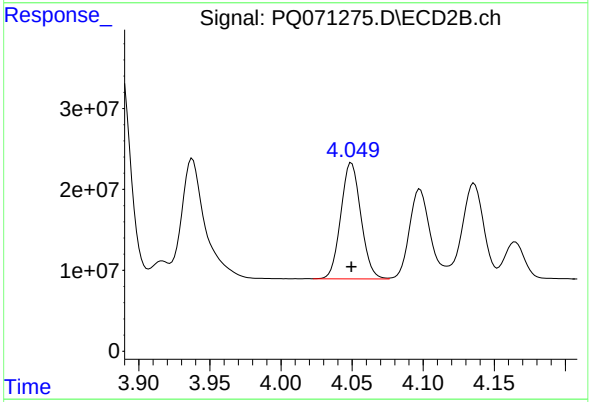
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 254493140
Conc: 500.00 ng/ml



#5 AR-1016-3

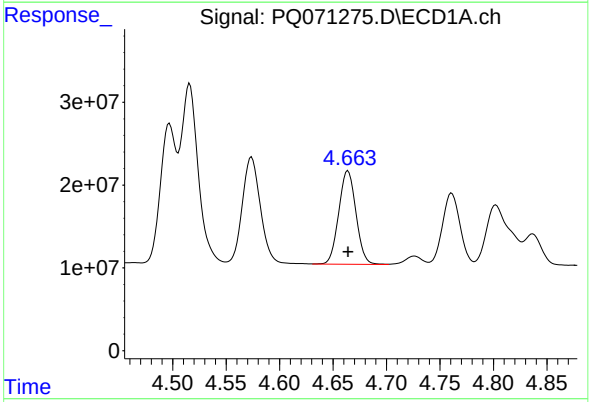
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 152813258
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



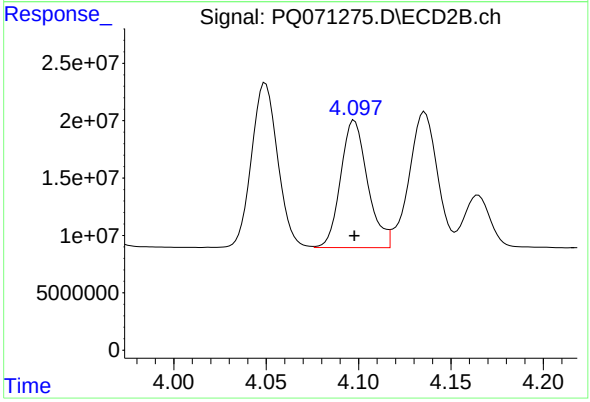
#5 AR-1016-3

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



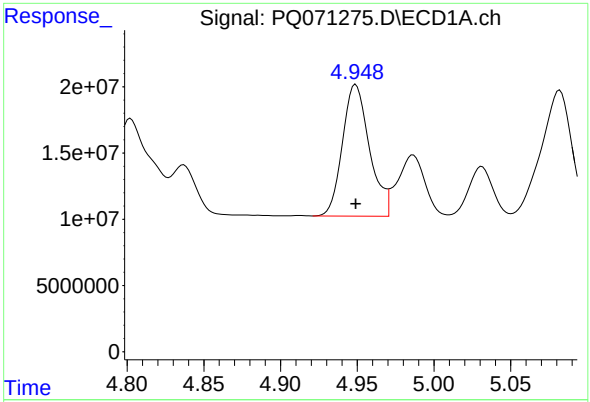
#6 AR-1016-4

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



#6 AR-1016-4

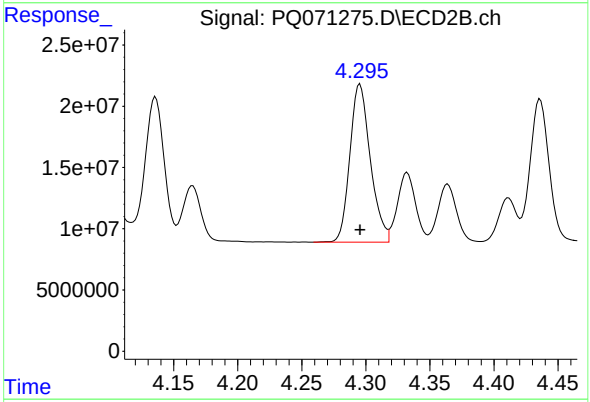
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 112894266
Conc: 500.00 ng/ml



#7 AR-1016-5

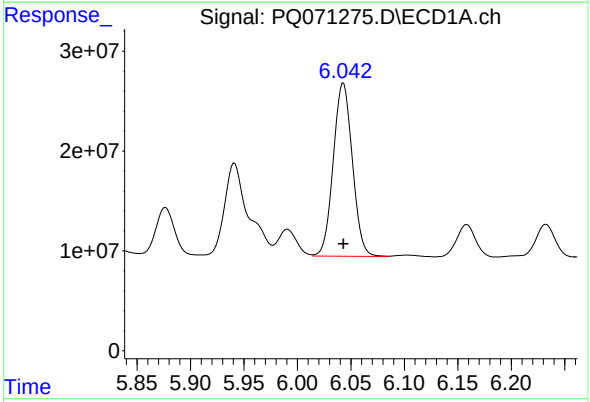
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 122389168
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



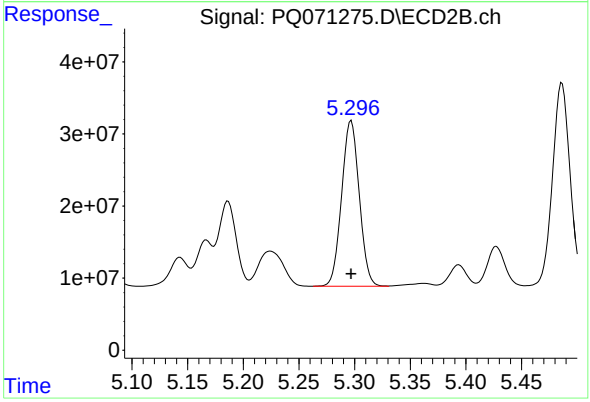
#7 AR-1016-5

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



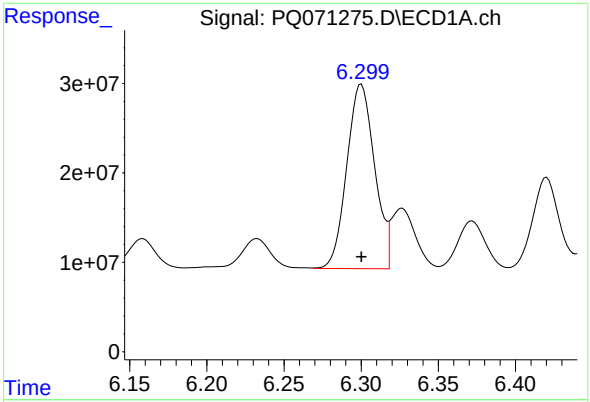
#31 AR-1260-1

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



#31 AR-1260-1

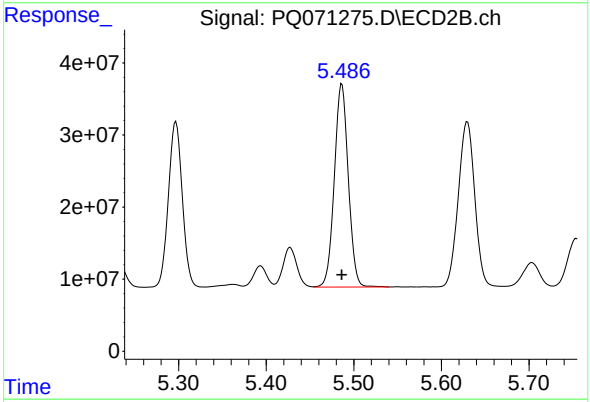
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 253279454
Conc: 500.00 ng/ml



#32 AR-1260-2

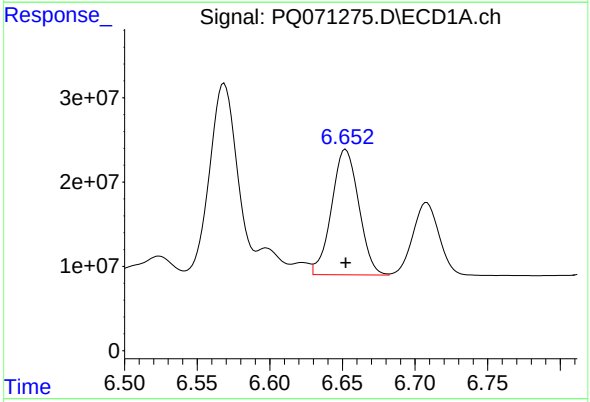
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 259001863
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



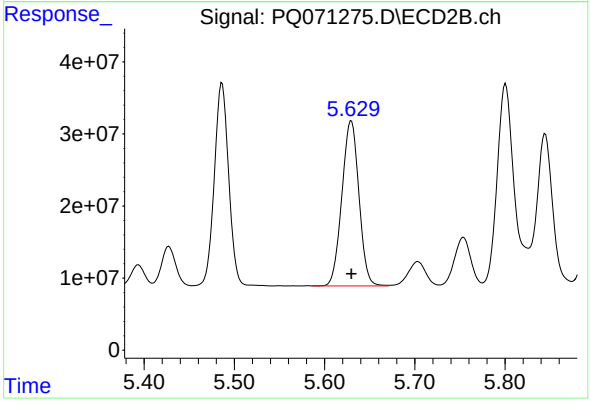
#32 AR-1260-2

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



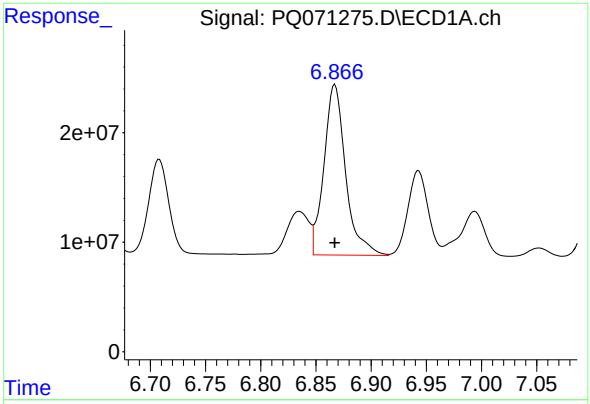
#33 AR-1260-3

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



#33 AR-1260-3

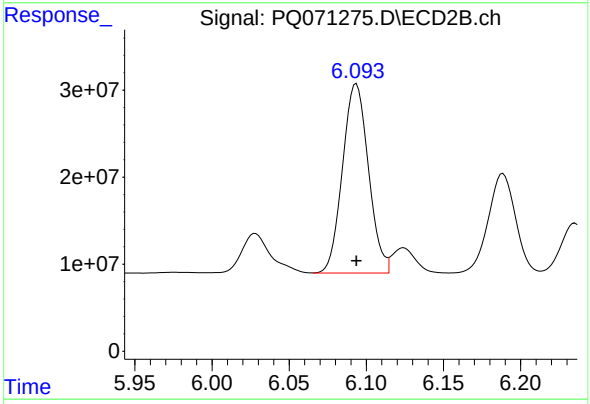
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 300399811
Conc: 500.00 ng/ml



#34 AR-1260-4

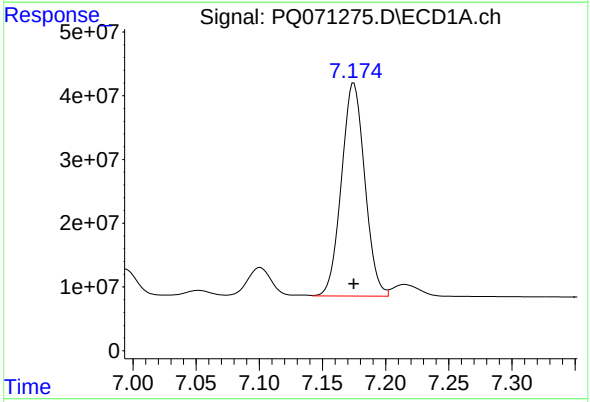
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 213061876
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



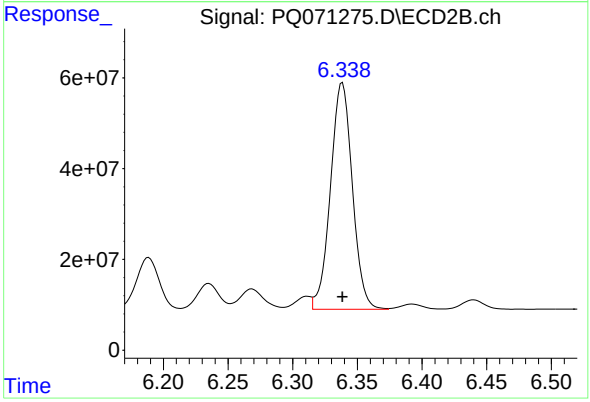
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

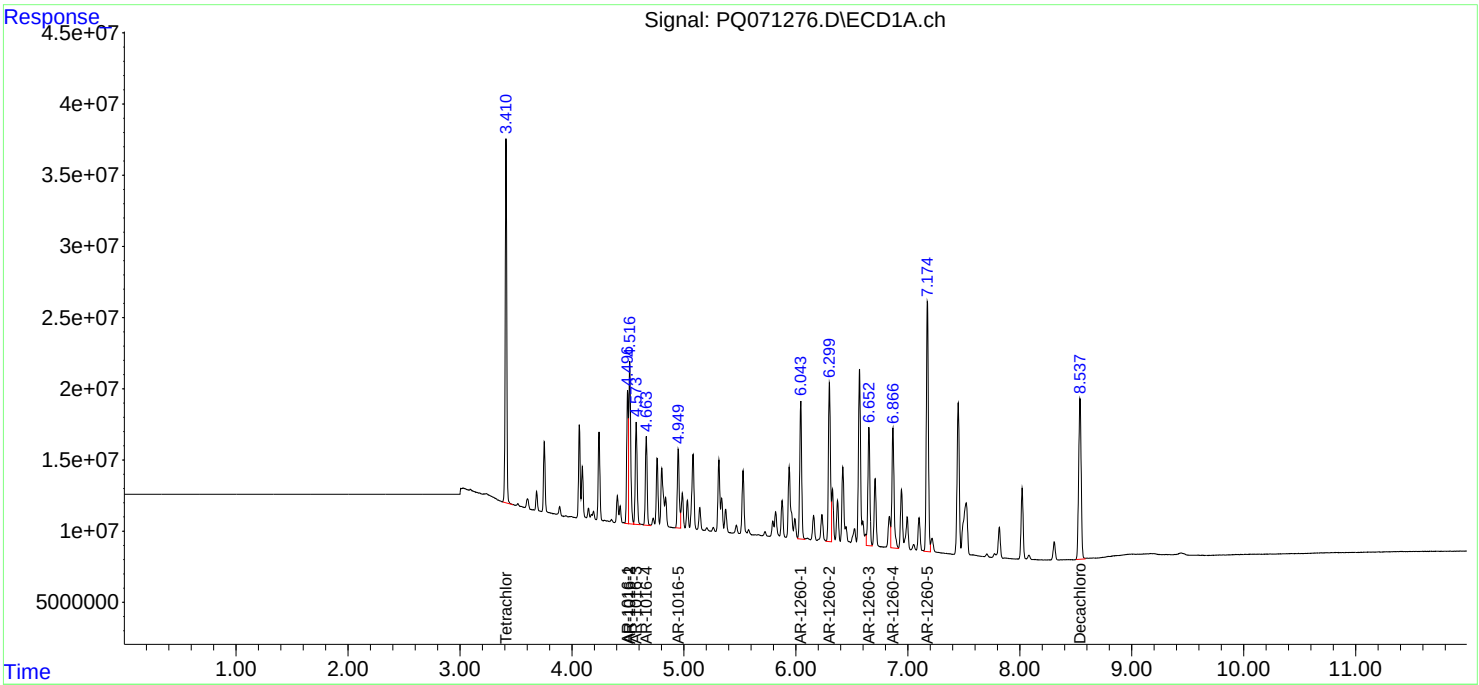
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

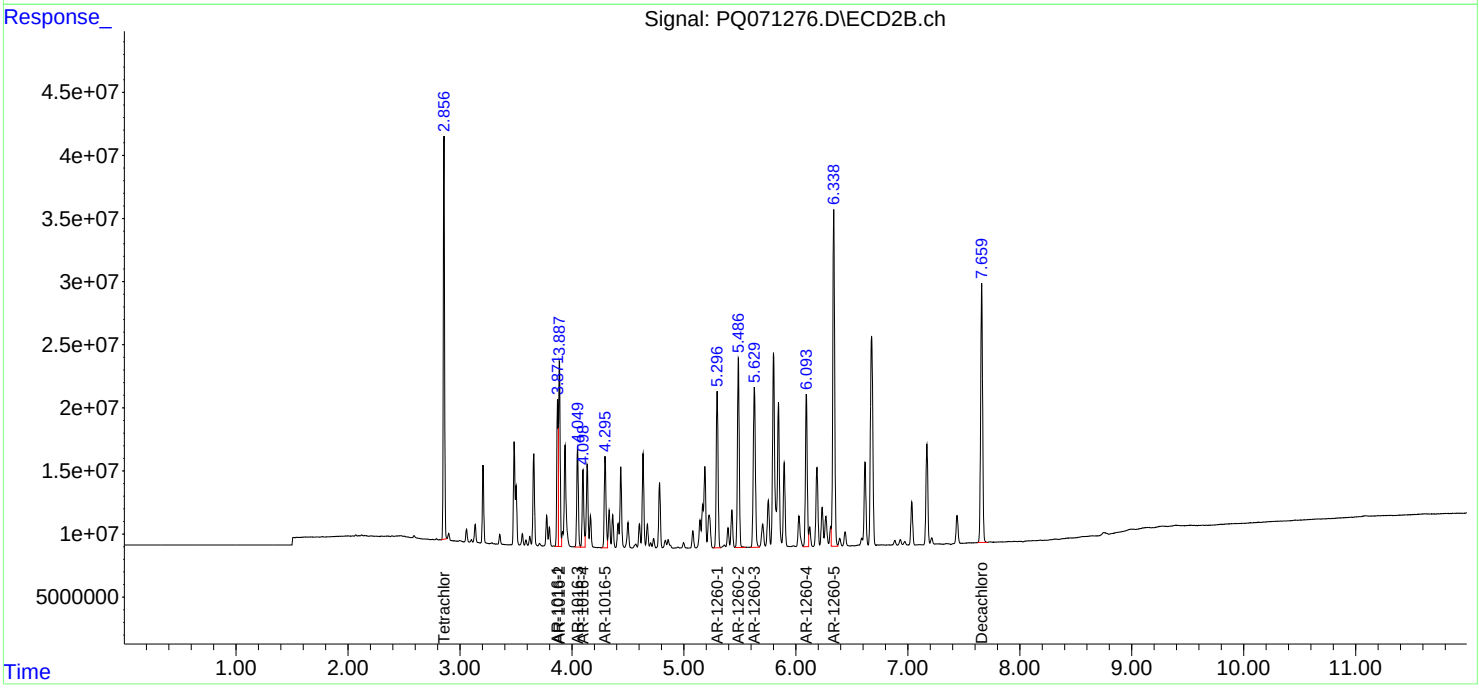
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 12:57
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 104 Sample Multiplier: 1

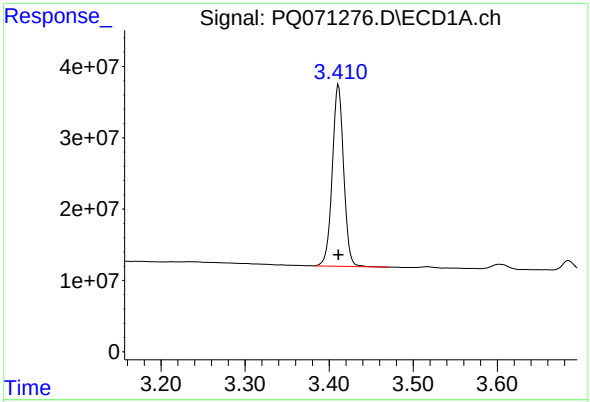
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

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



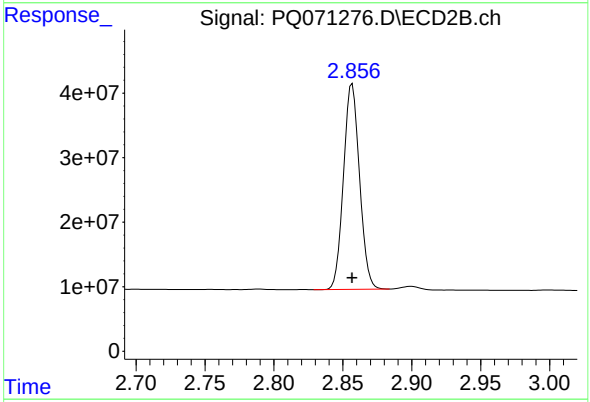




#1 Tetrachloro-m-xylene

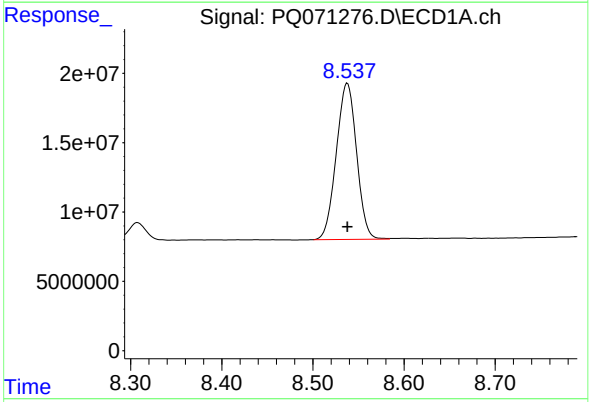
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 239662915
Conc: 26.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



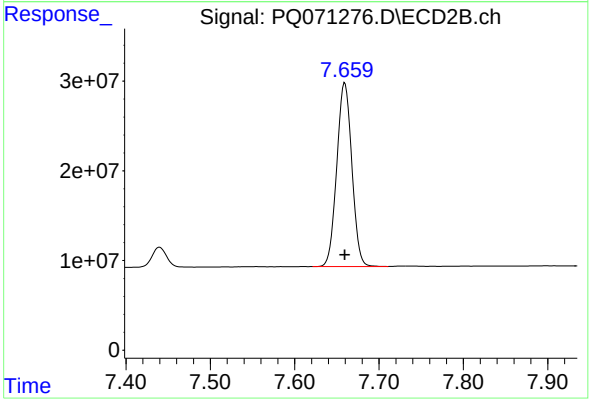
#1 Tetrachloro-m-xylene

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



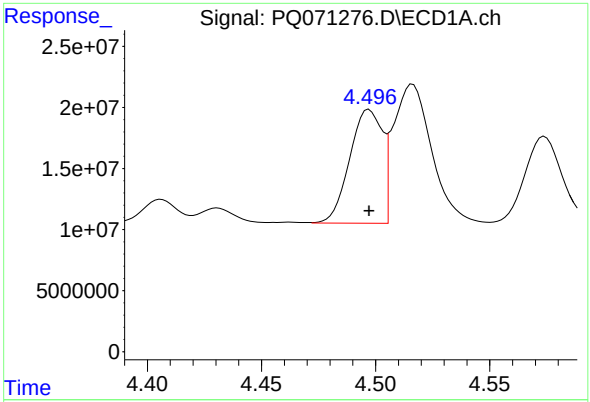
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

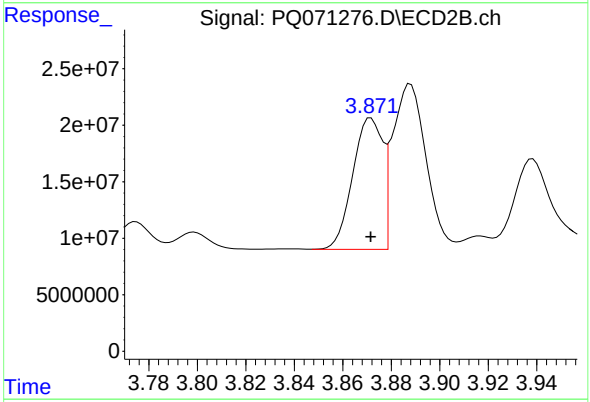
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 254084803
Conc: 27.22 ng/ml



#3 AR-1016-1

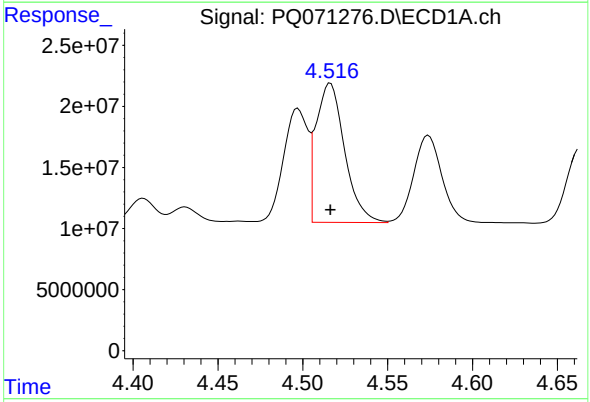
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 92693922
Conc: 276.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



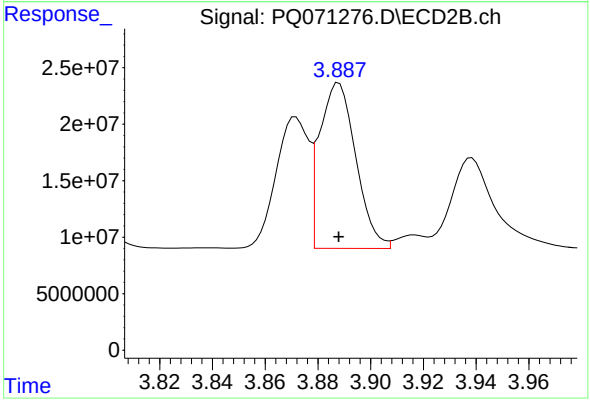
#3 AR-1016-1

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



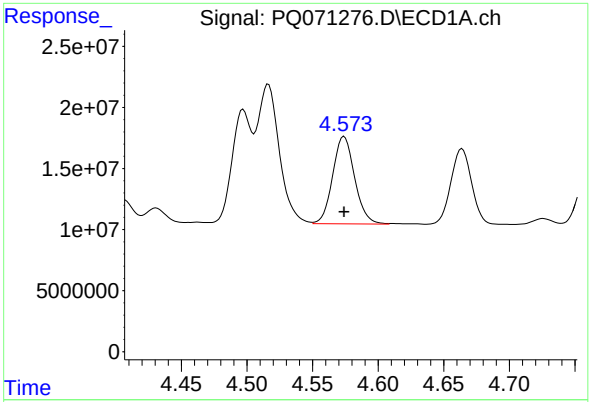
#4 AR-1016-2

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



#4 AR-1016-2

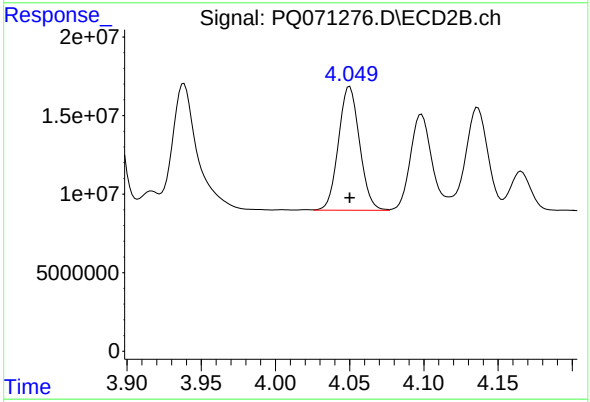
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 139646870
Conc: 274.36 ng/ml



#5 AR-1016-3

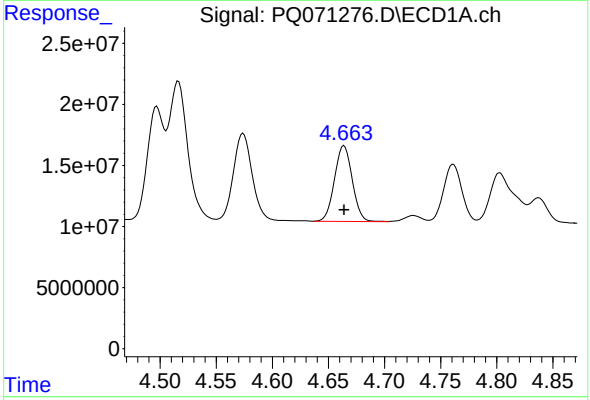
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 83348798
Conc: 274.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



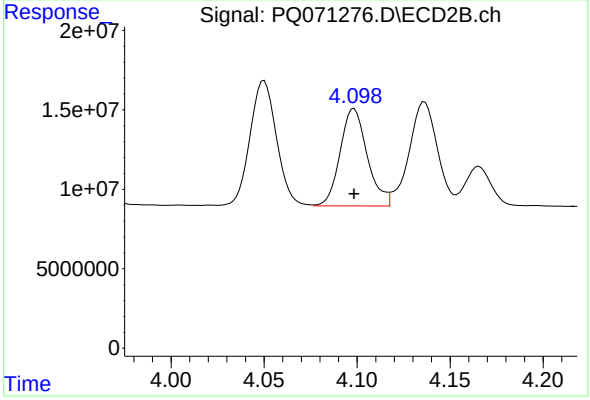
#5 AR-1016-3

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



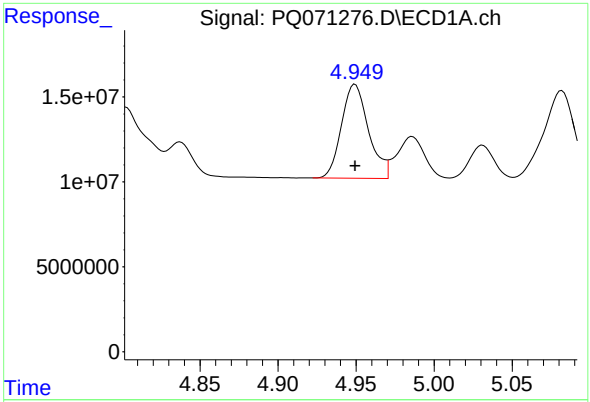
#6 AR-1016-4

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



#6 AR-1016-4

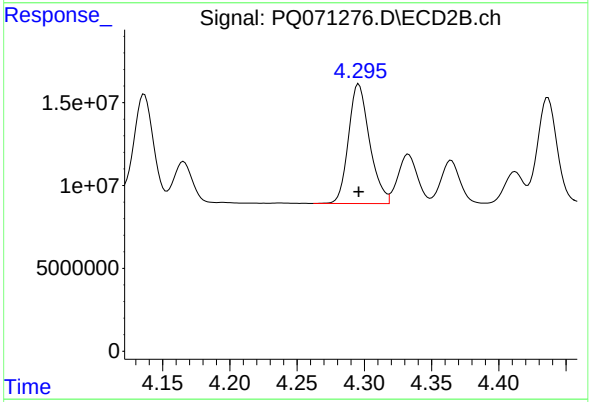
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 62285281
Conc: 276.50 ng/ml



#7 AR-1016-5

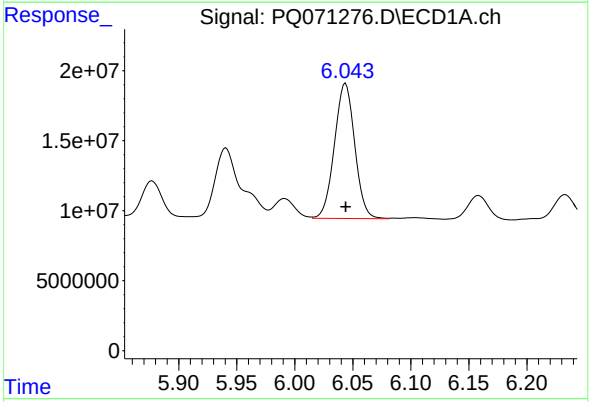
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 66720407
Conc: 272.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



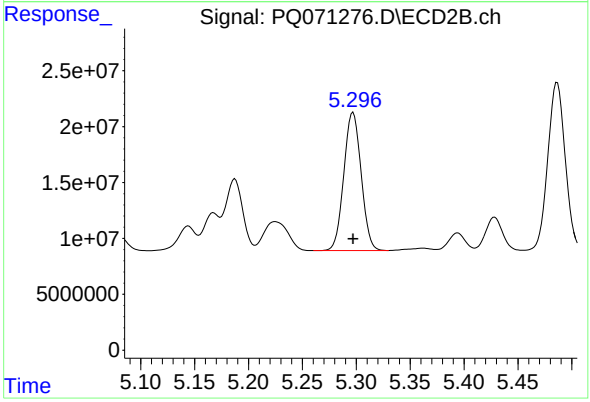
#7 AR-1016-5

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



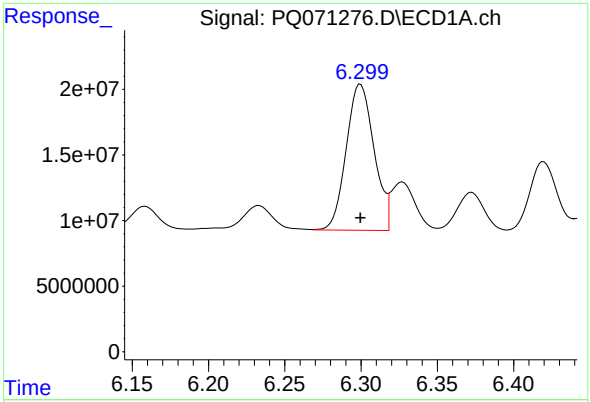
#31 AR-1260-1

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



#31 AR-1260-1

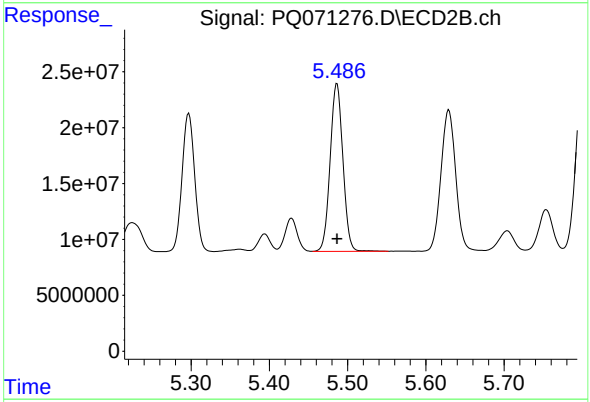
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 138440204
Conc: 272.76 ng/ml



#32 AR-1260-2

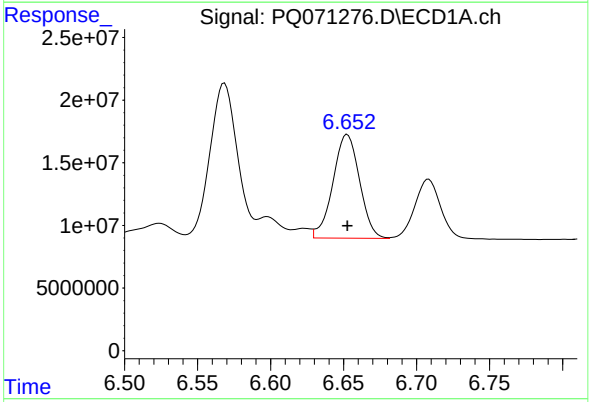
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 141383517
Conc: 272.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



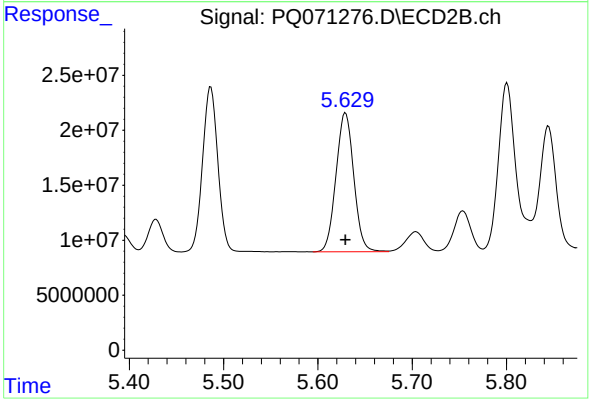
#32 AR-1260-2

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



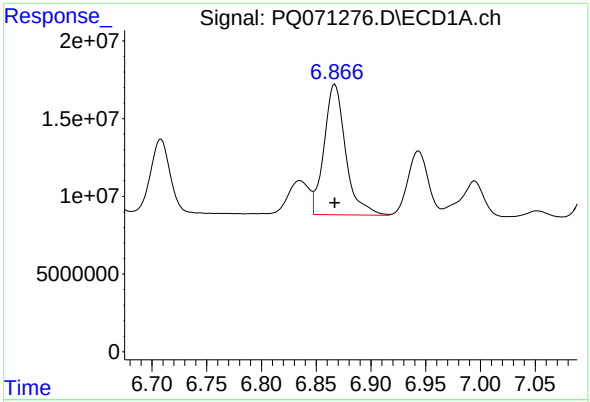
#33 AR-1260-3

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



#33 AR-1260-3

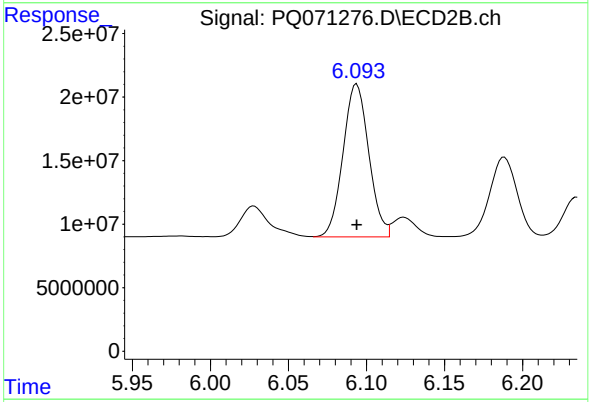
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 165622377
Conc: 273.80 ng/ml



#34 AR-1260-4

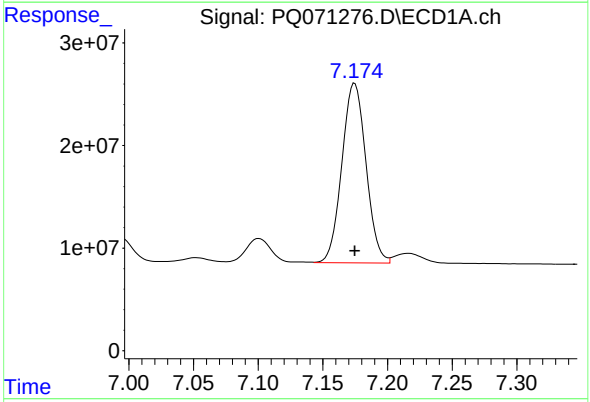
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 115017574
Conc: 269.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



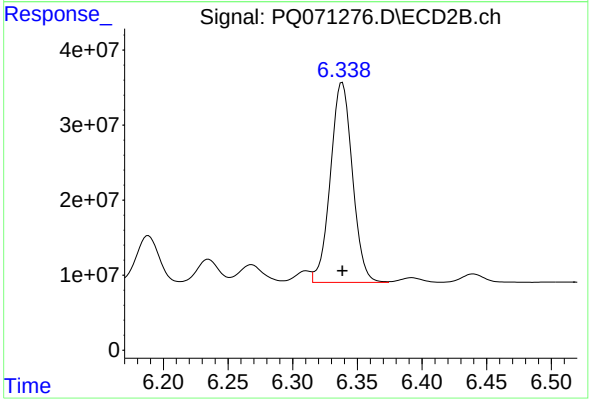
#34 AR-1260-4

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

Quantitation Report (QT Reviewed)

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

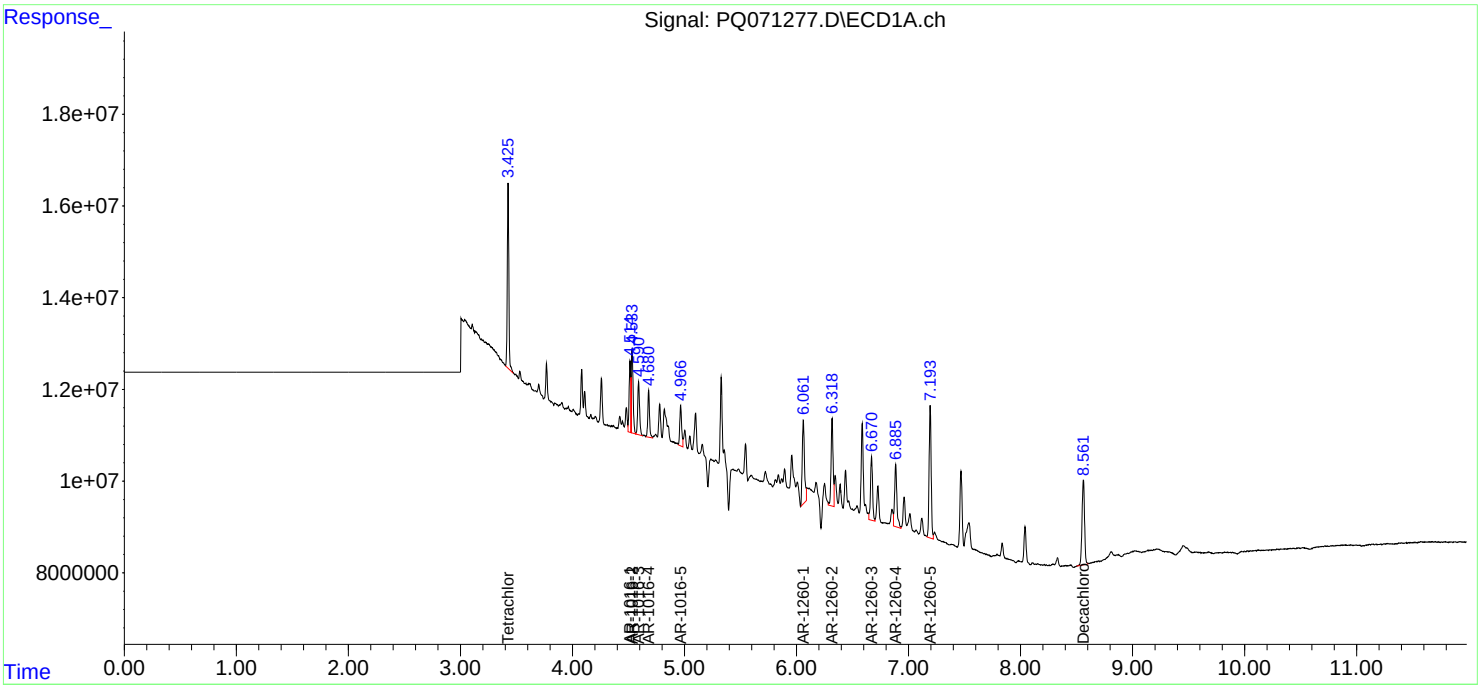
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

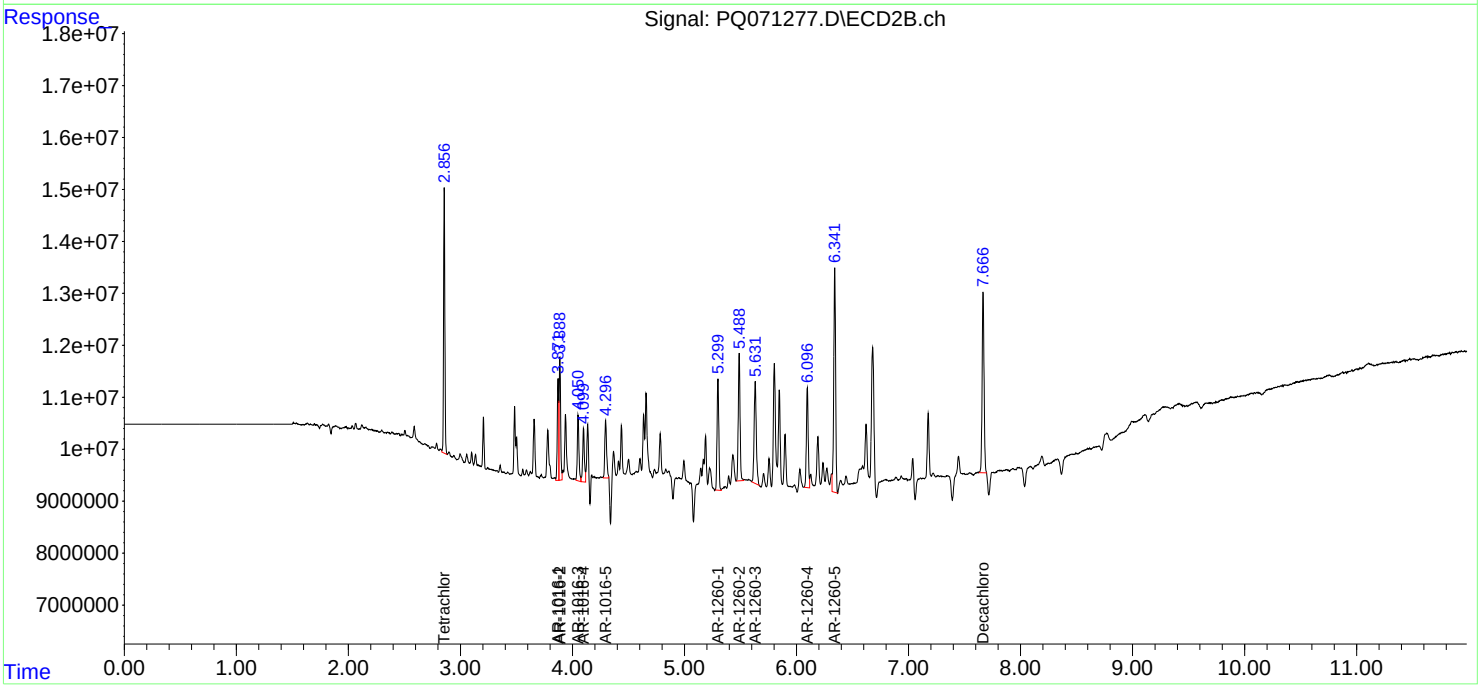
Manual Integrations APPROVED

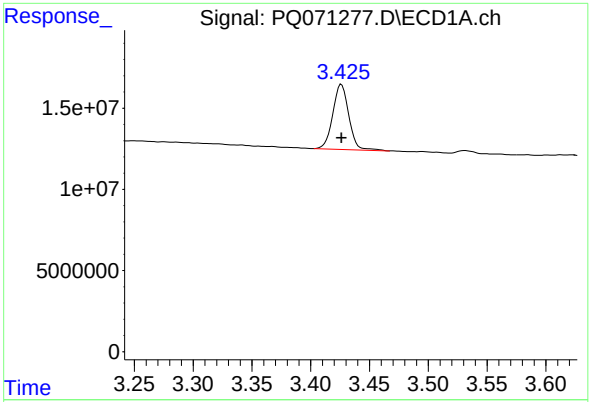
Reviewed By :Rahul Chavli 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

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







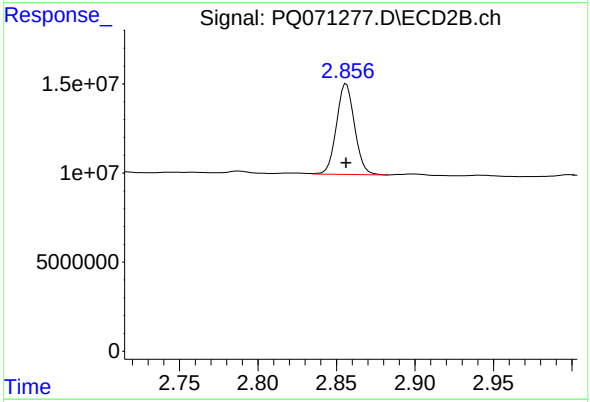
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

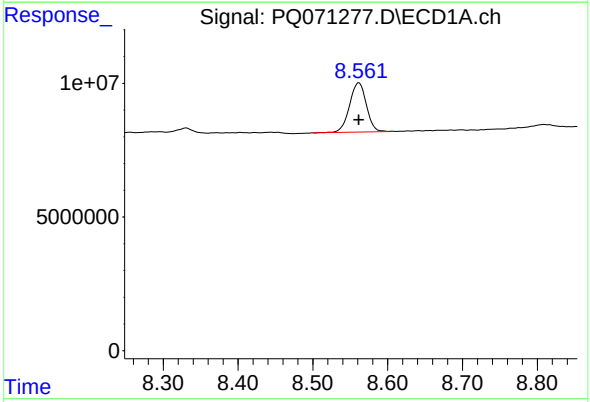
Manual Integrations APPROVED

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



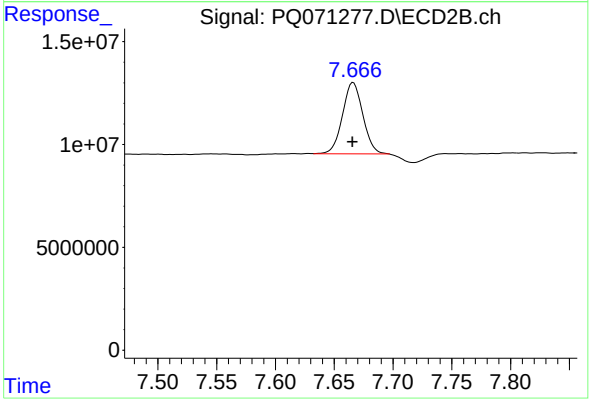
#1 Tetrachloro-m-xylene

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



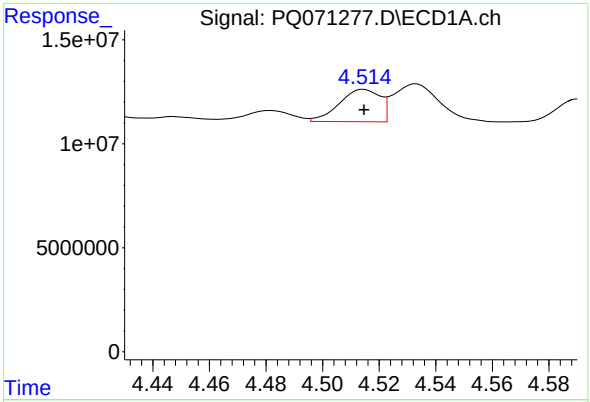
#2 Decachlorobiphenyl

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



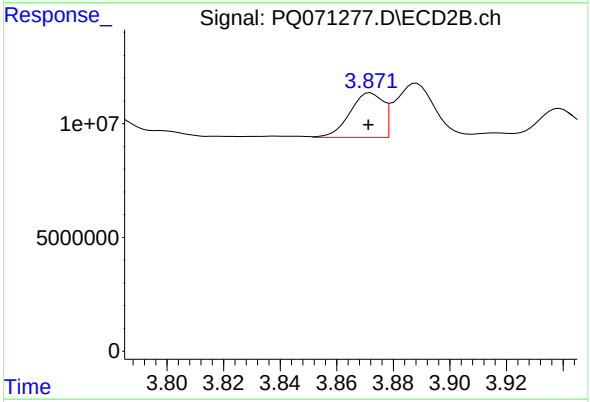
#3 AR-1016-1

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

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

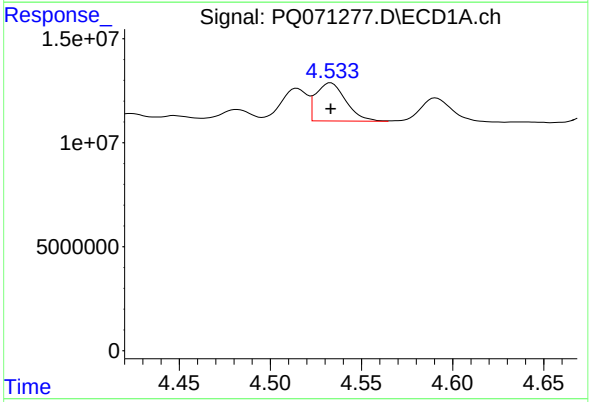
Manual Integrations APPROVED

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



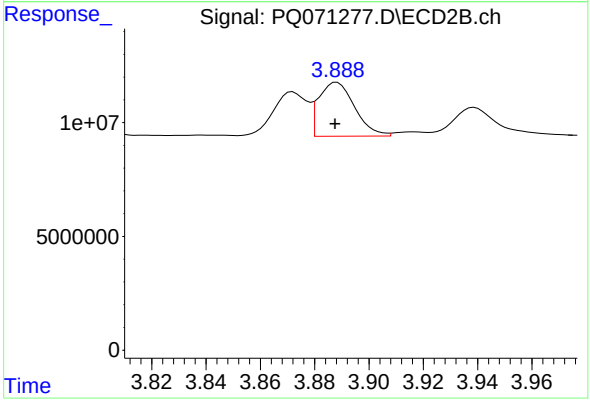
#3 AR-1016-1

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



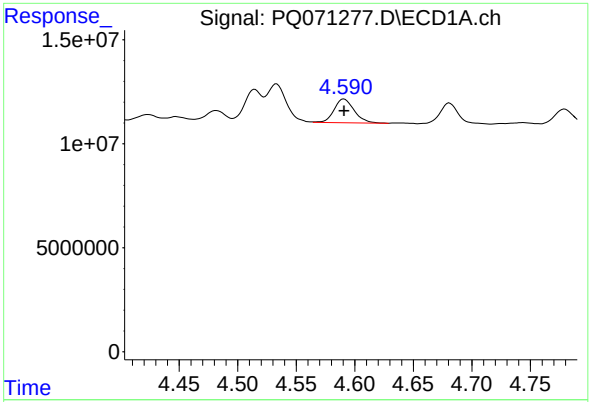
#4 AR-1016-2

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



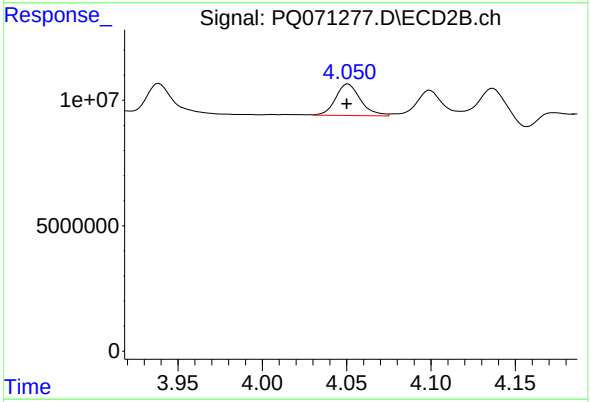
#5 AR-1016-3

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

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

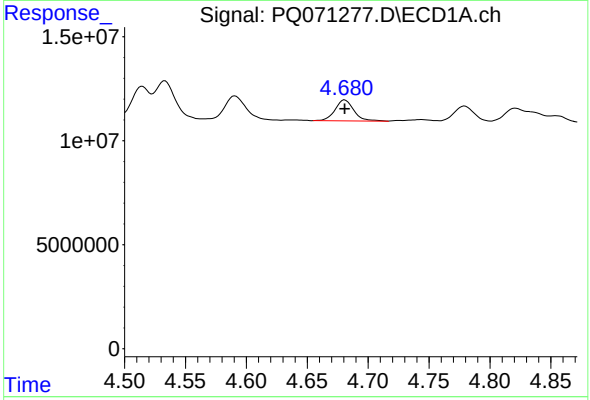
Manual Integrations APPROVED

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



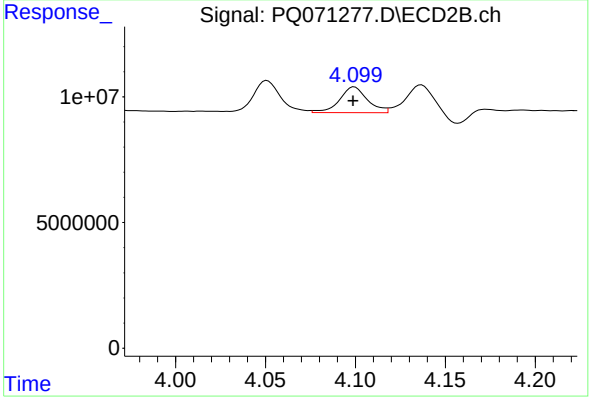
#5 AR-1016-3

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



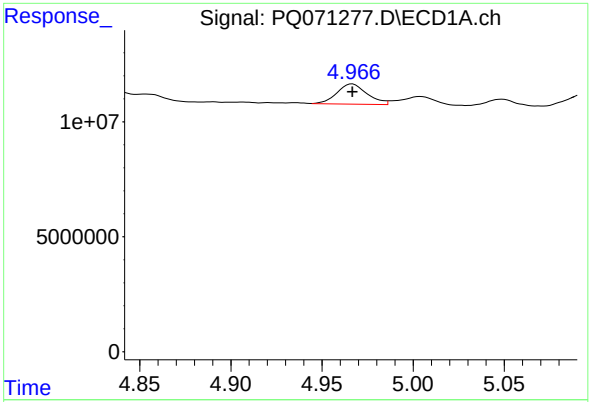
#6 AR-1016-4

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



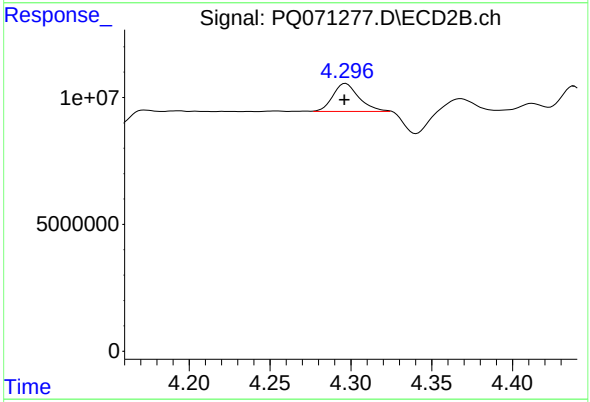
#7 AR-1016-5

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

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

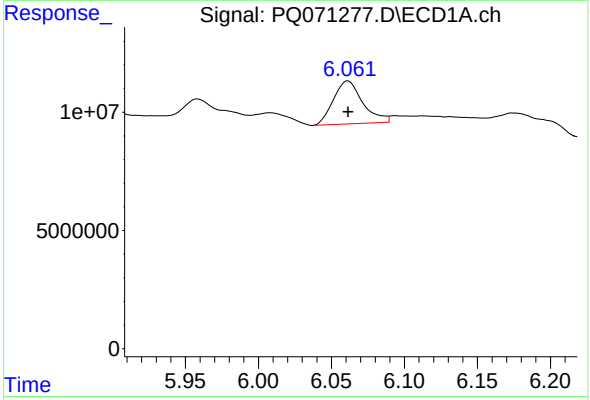
Manual Integrations APPROVED

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



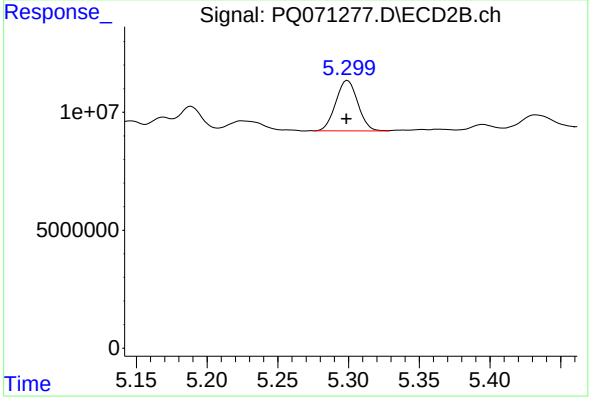
#7 AR-1016-5

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



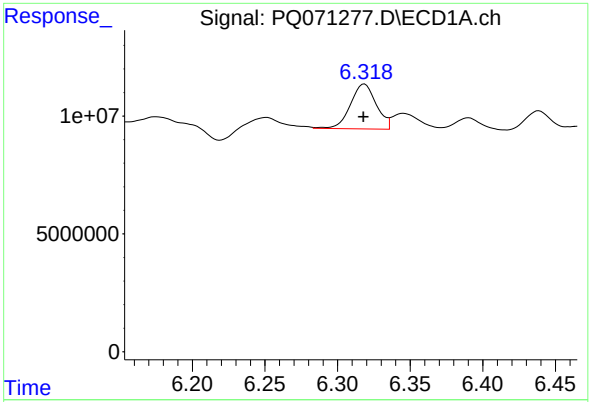
#31 AR-1260-1

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



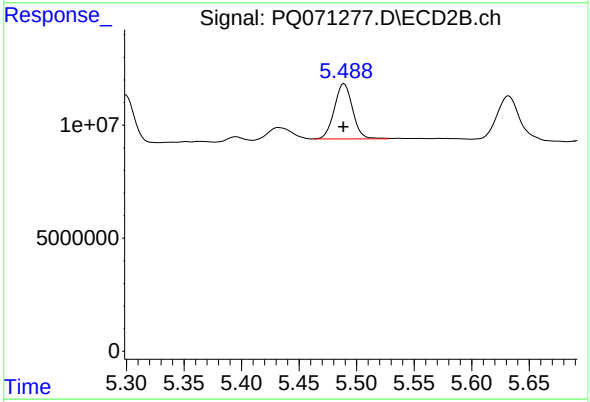
#32 AR-1260-2

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

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

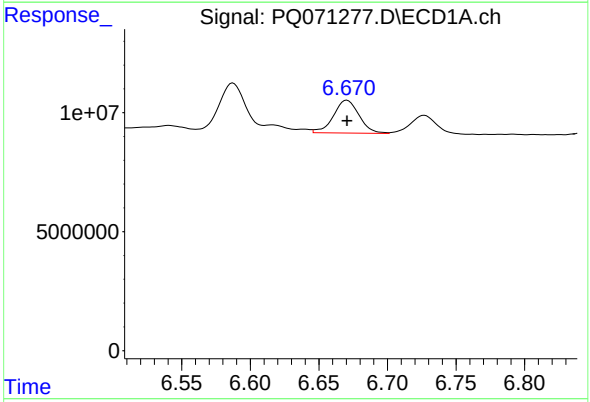
Manual Integrations APPROVED

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



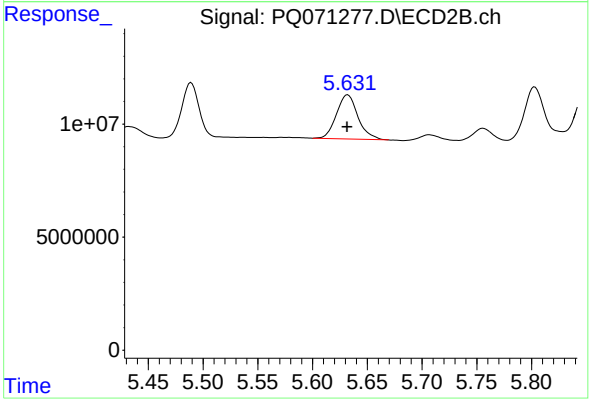
#32 AR-1260-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 26861576
Conc: 44.18 ng/ml m



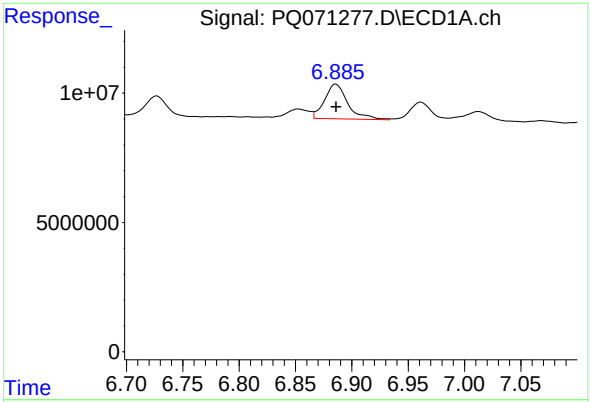
#33 AR-1260-3

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



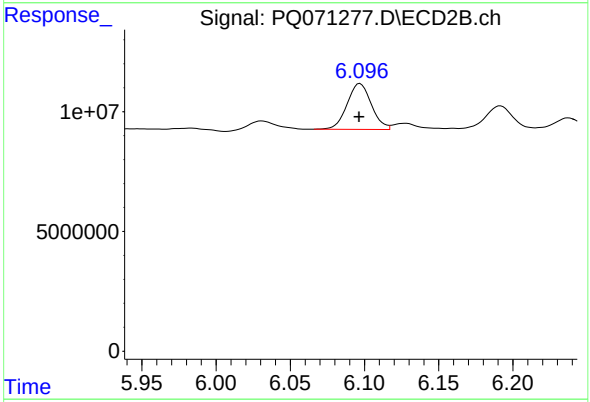
#34 AR-1260-4

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 19249539
Conc: 46.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

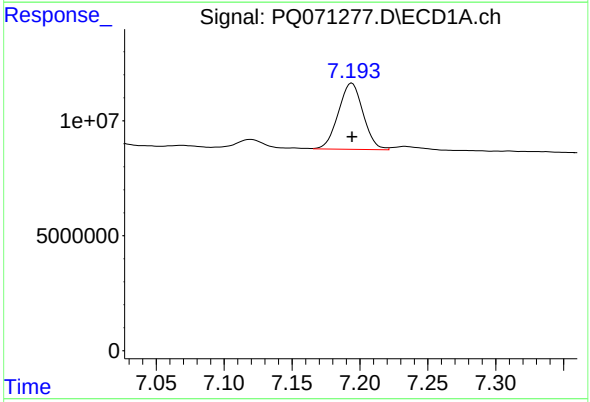
Manual Integrations APPROVED

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



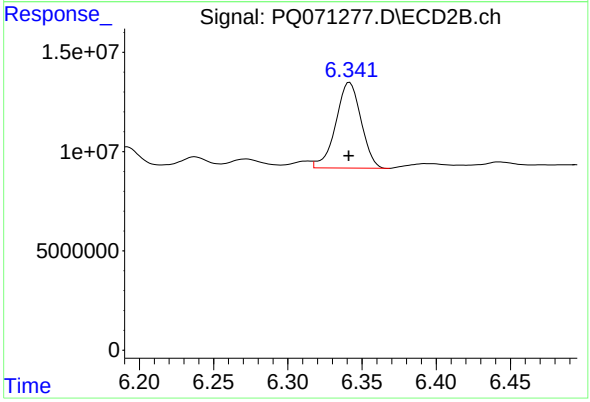
#34 AR-1260-4

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

Quantitation Report (QT Reviewed)

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

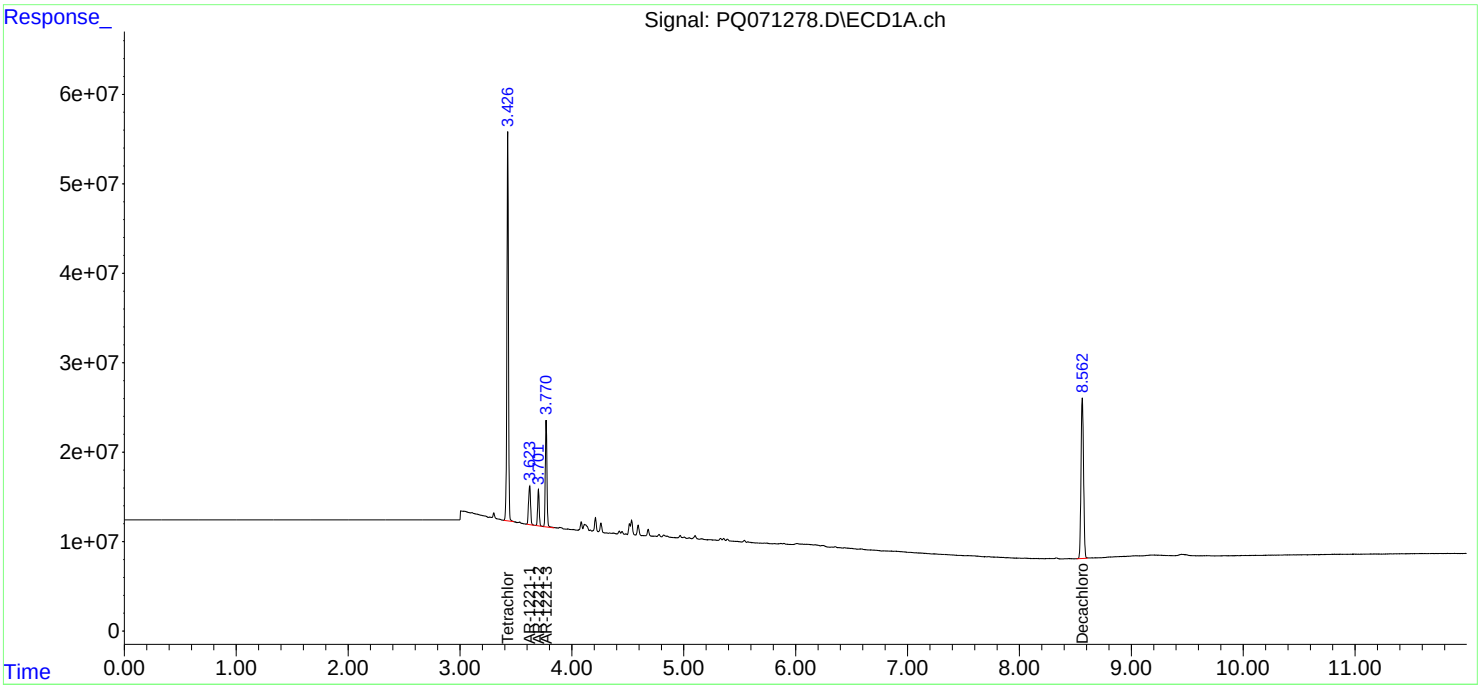
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

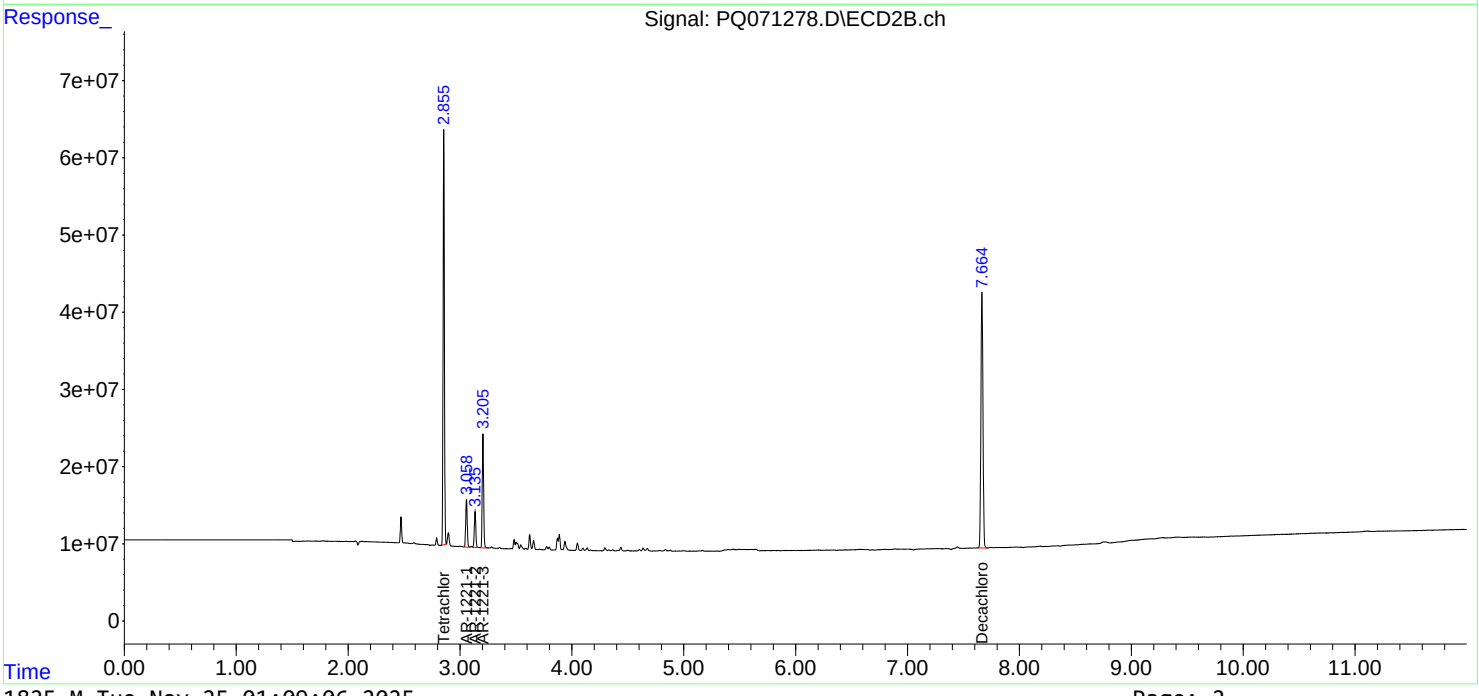
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 106 Sample Multiplier: 1

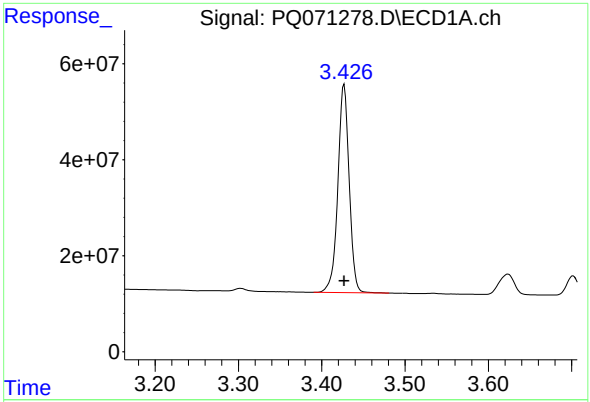
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

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



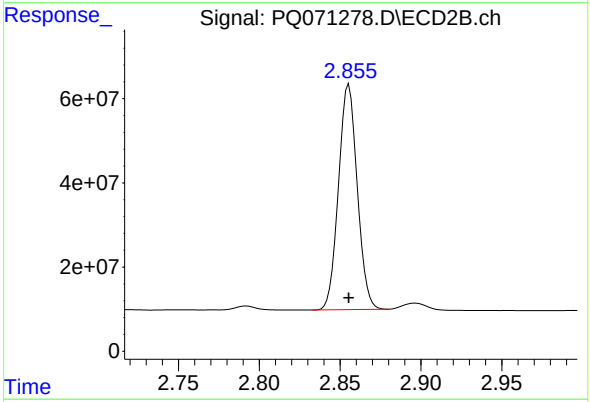




#1 Tetrachloro-m-xylene

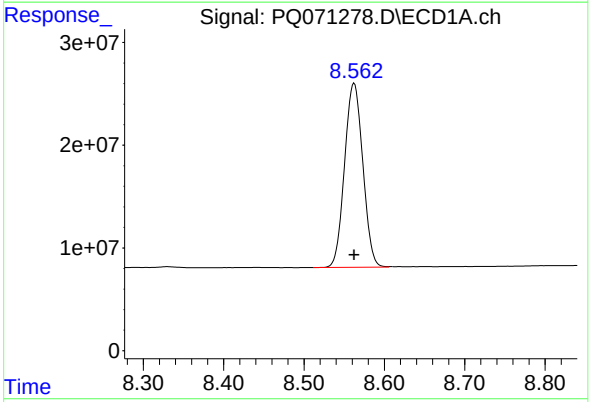
R.T.: 3.427 min
Delta R.T.: 0.000 min
Response: 409791532
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



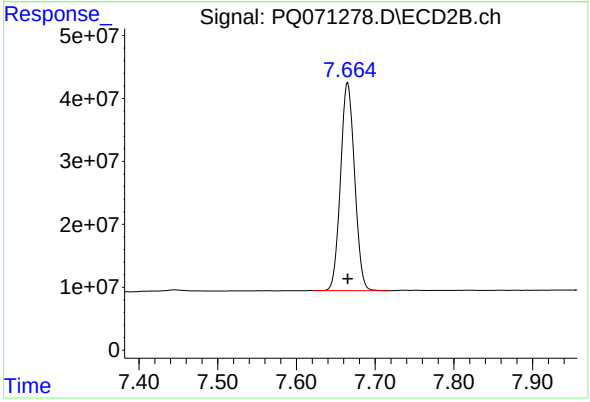
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 431878756
Conc: 50.00 ng/ml



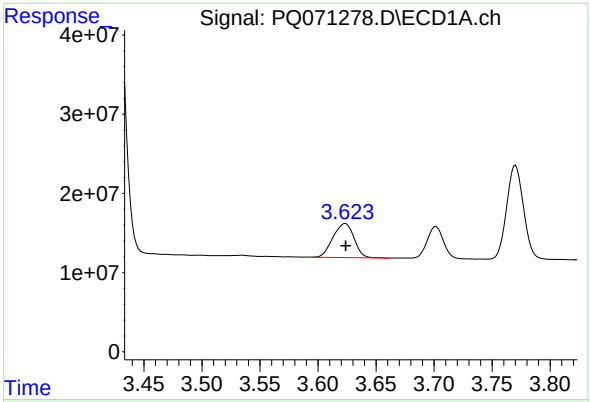
#2 Decachlorobiphenyl

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 283076384
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

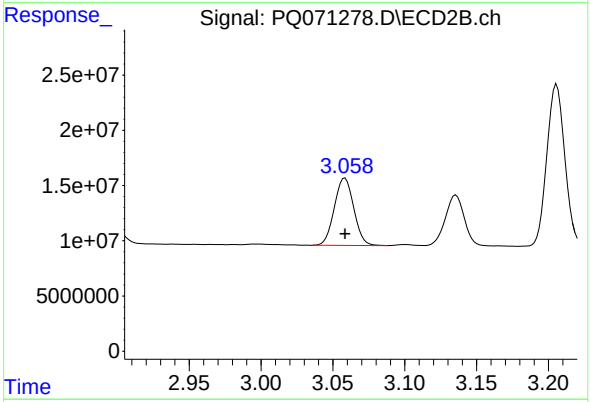
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 411039100
Conc: 50.00 ng/ml



#8 AR-1221-1

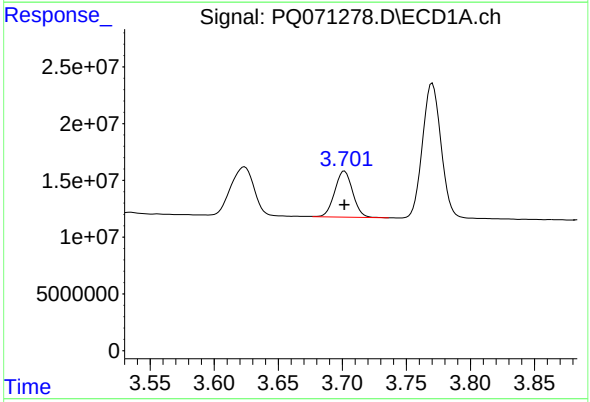
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 54243508
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



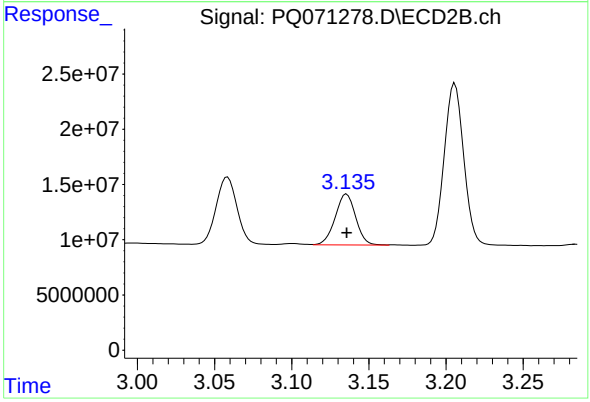
#8 AR-1221-1

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 57460898
Conc: 500.00 ng/ml



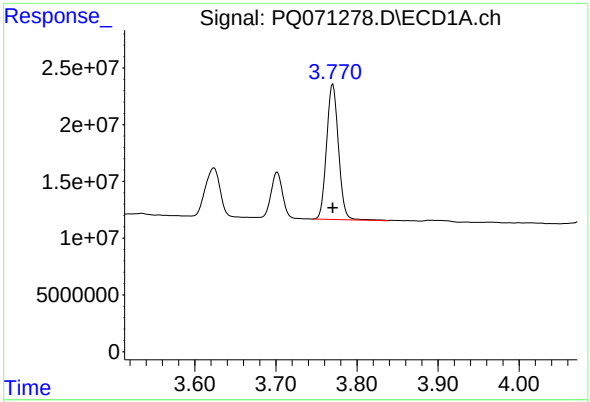
#9 AR-1221-2

R.T.: 3.702 min
Delta R.T.: 0.000 min
Response: 39664967
Conc: 500.00 ng/ml



#9 AR-1221-2

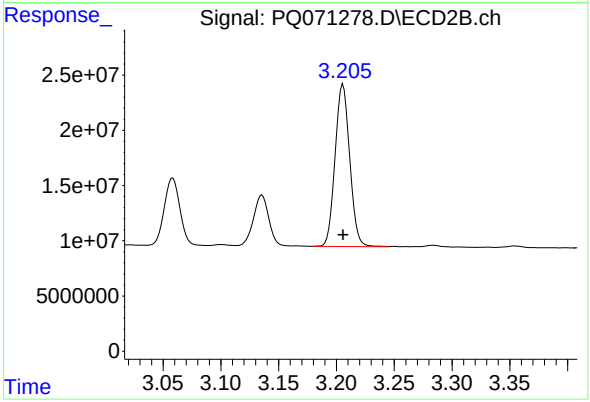
R.T.: 3.136 min
Delta R.T.: 0.000 min
Response: 42649518
Conc: 500.00 ng/ml



#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



#10 AR-1221-3

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 129275088
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

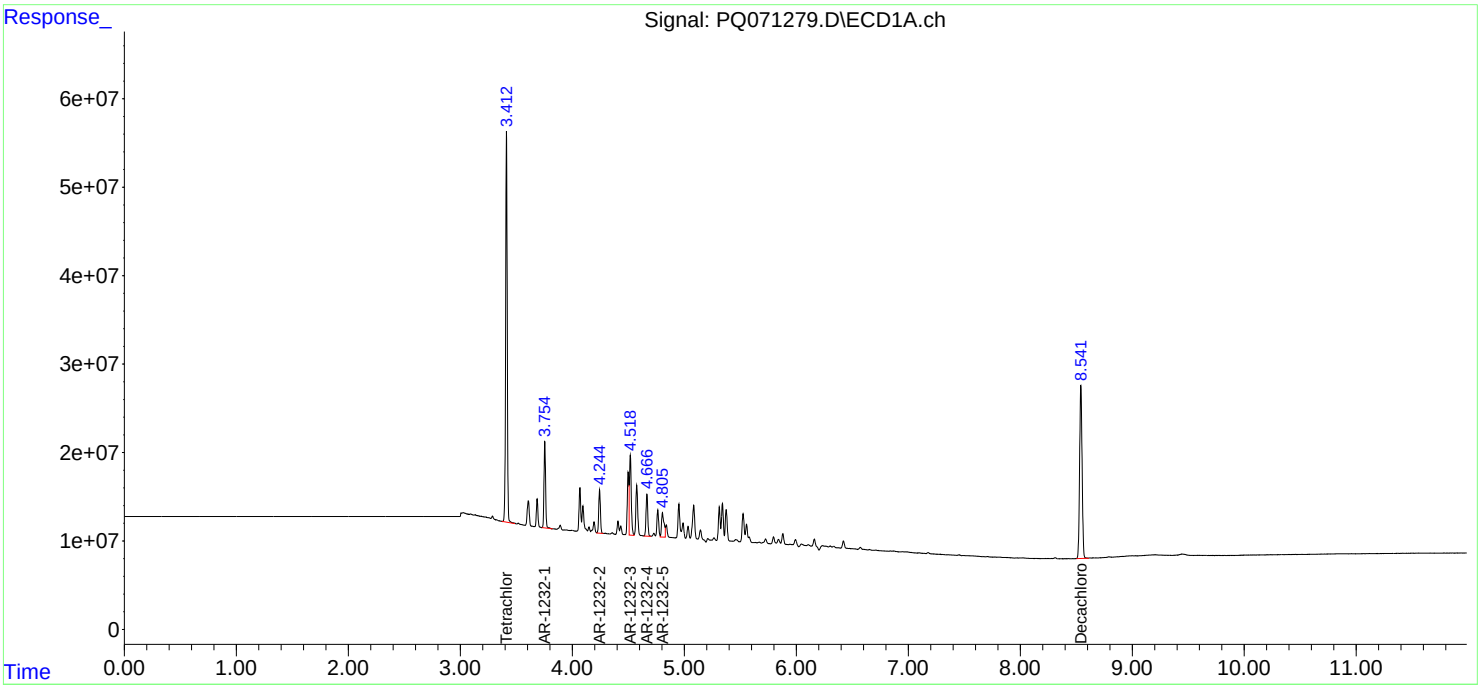
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

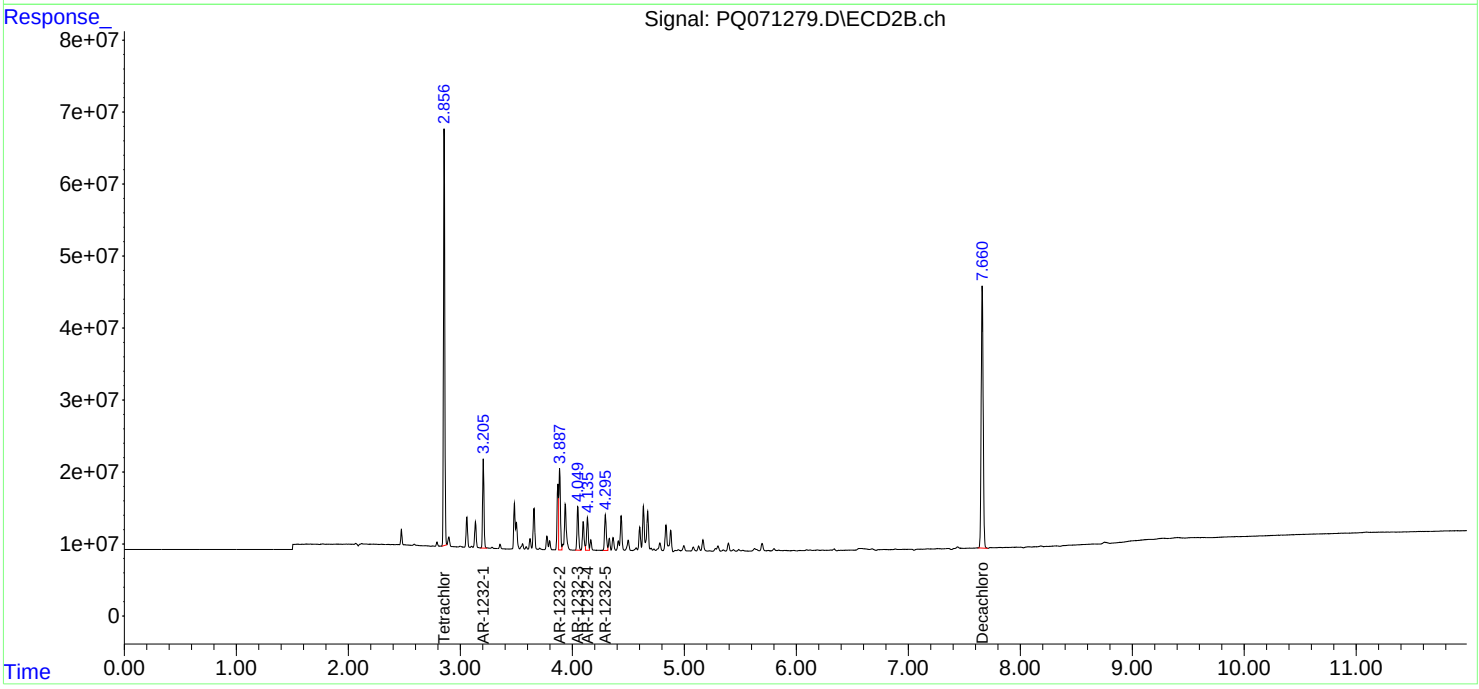
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 107 Sample Multiplier: 1

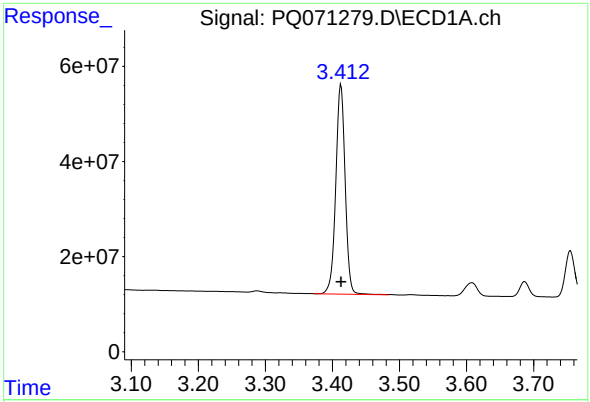
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

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



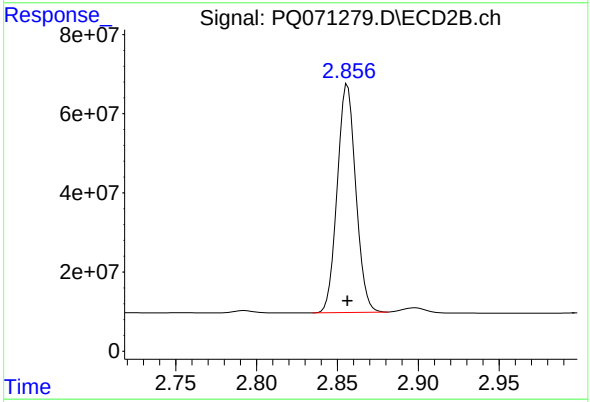




#1 Tetrachloro-m-xylene

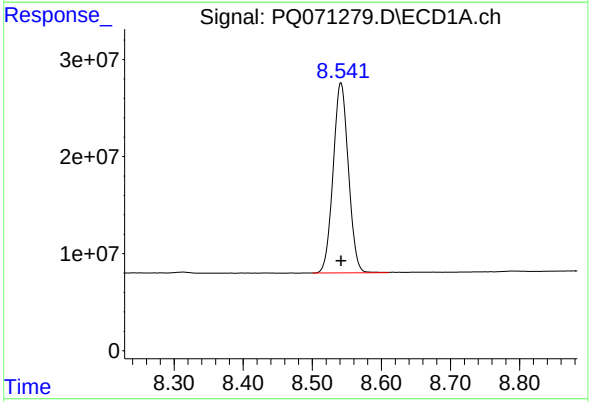
R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 427719892
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



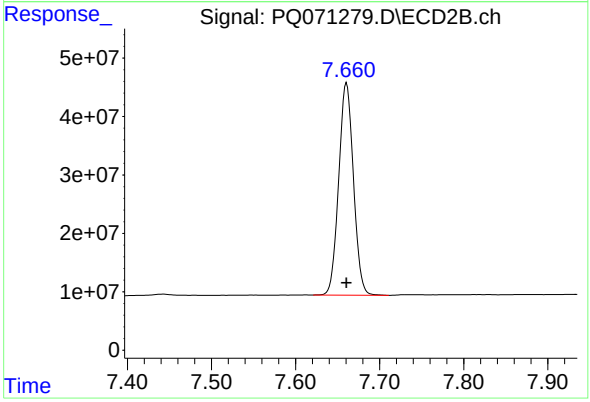
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 460063758
Conc: 50.00 ng/ml



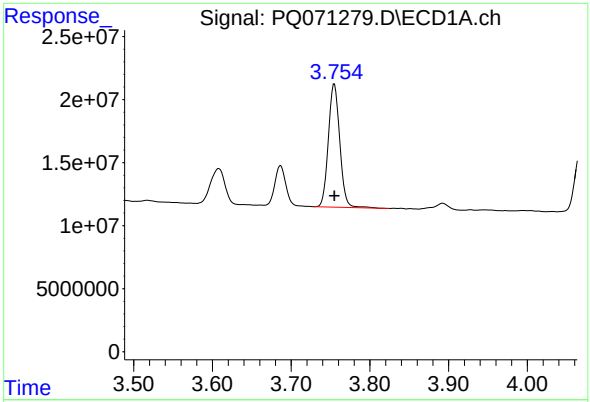
#2 Decachlorobiphenyl

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 299961801
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

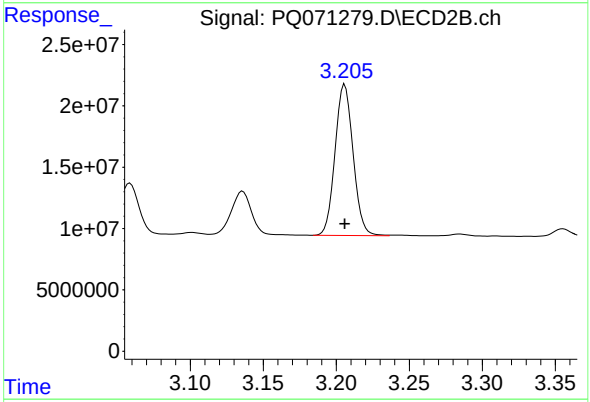
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 442731794
Conc: 50.00 ng/ml



#11 AR-1232-1

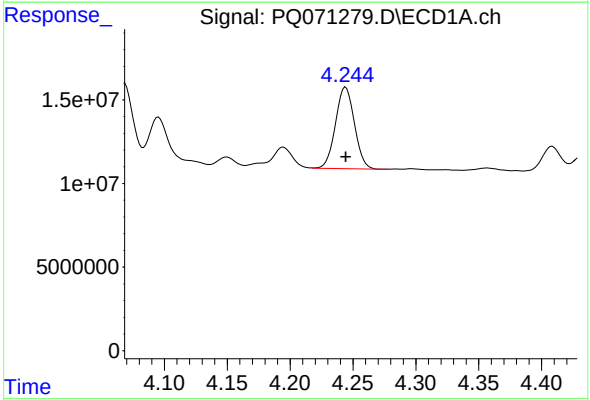
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 98692856
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



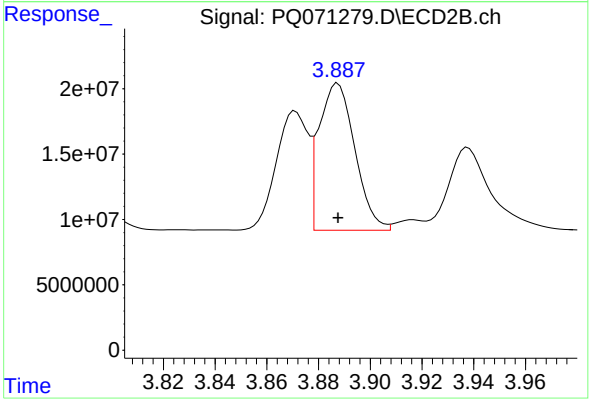
#11 AR-1232-1

R.T.: 3.206 min
Delta R.T.: 0.000 min
Response: 106016384
Conc: 500.00 ng/ml



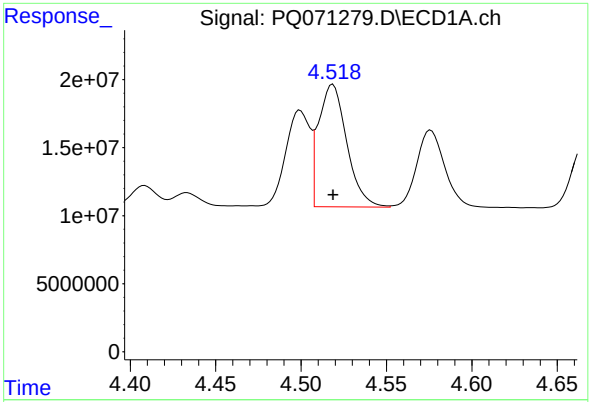
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 51232788
Conc: 500.00 ng/ml



#12 AR-1232-2

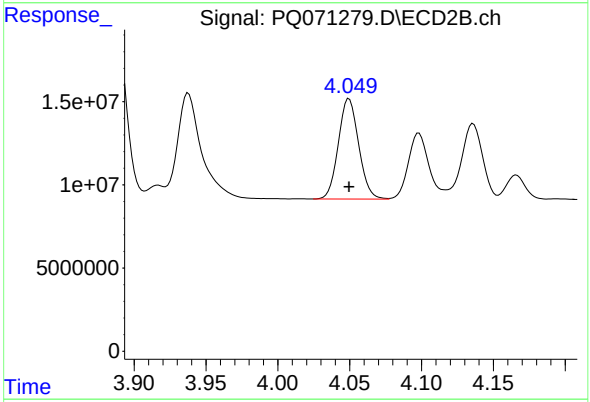
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 108300313
Conc: 500.00 ng/ml



#13 AR-1232-3

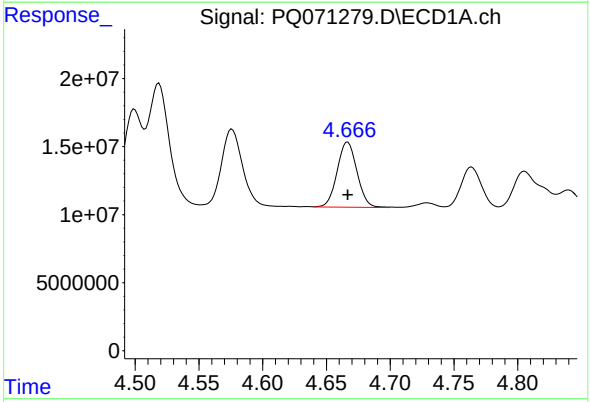
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 103594546
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



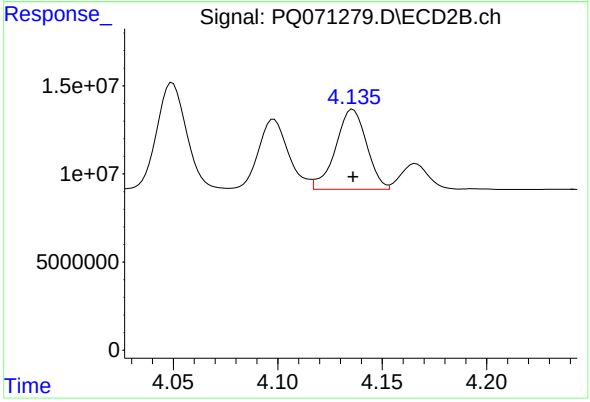
#13 AR-1232-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 59441504
Conc: 500.00 ng/ml



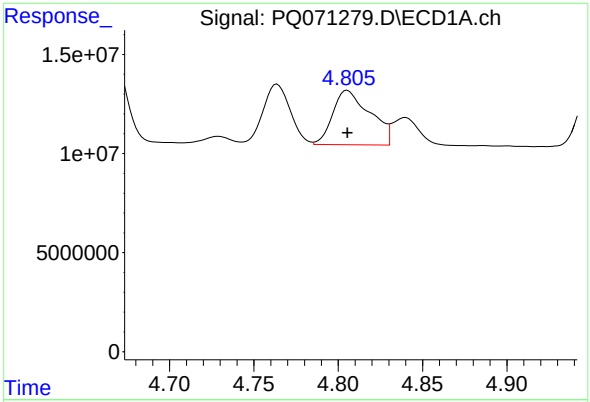
#14 AR-1232-4

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 51916319
Conc: 500.00 ng/ml



#14 AR-1232-4

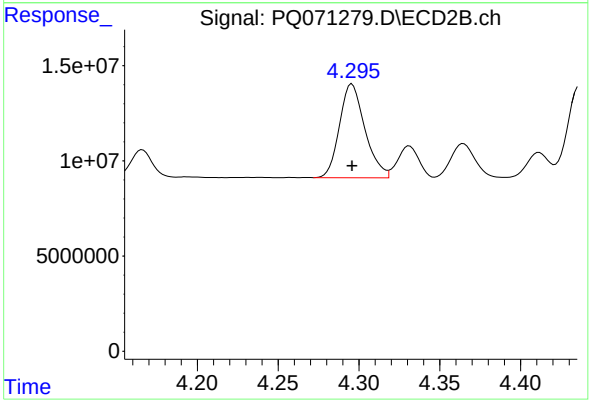
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 46947656
Conc: 500.00 ng/ml



#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

Quantitation Report (QT Reviewed)

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

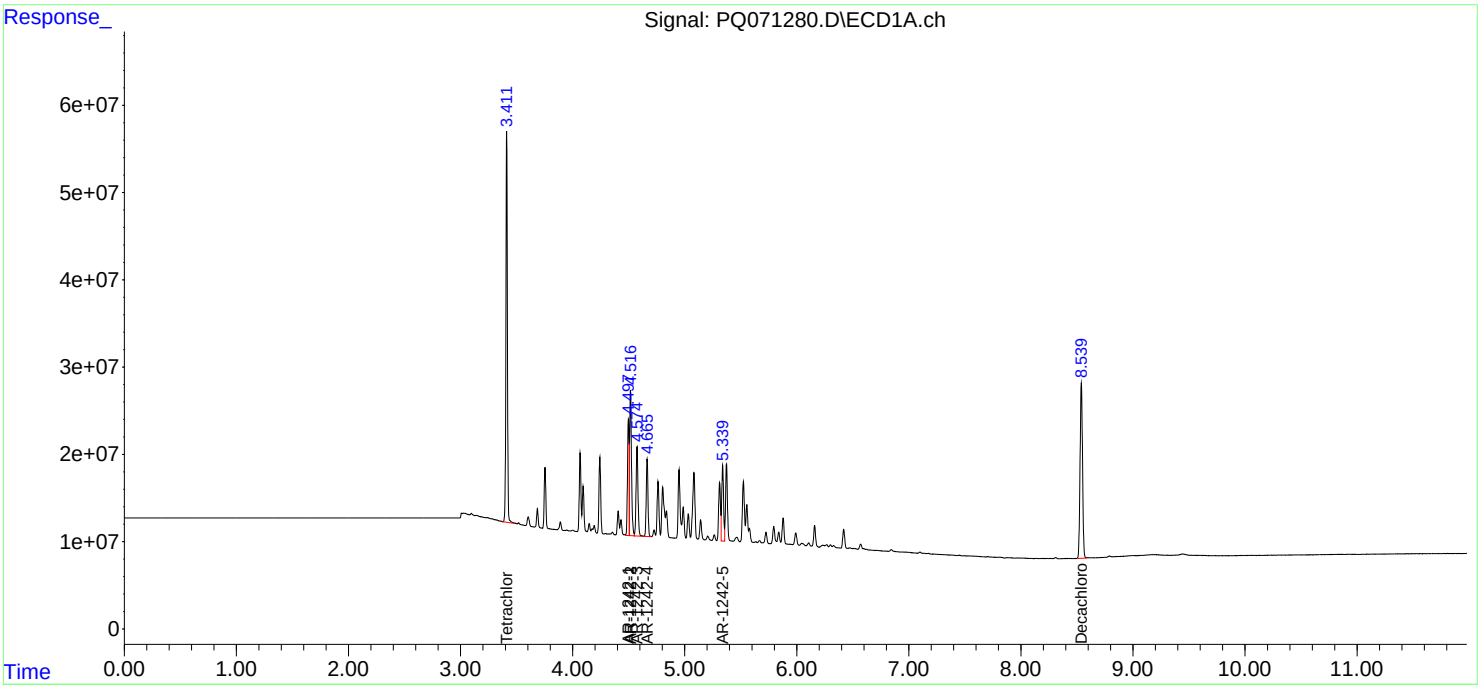
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

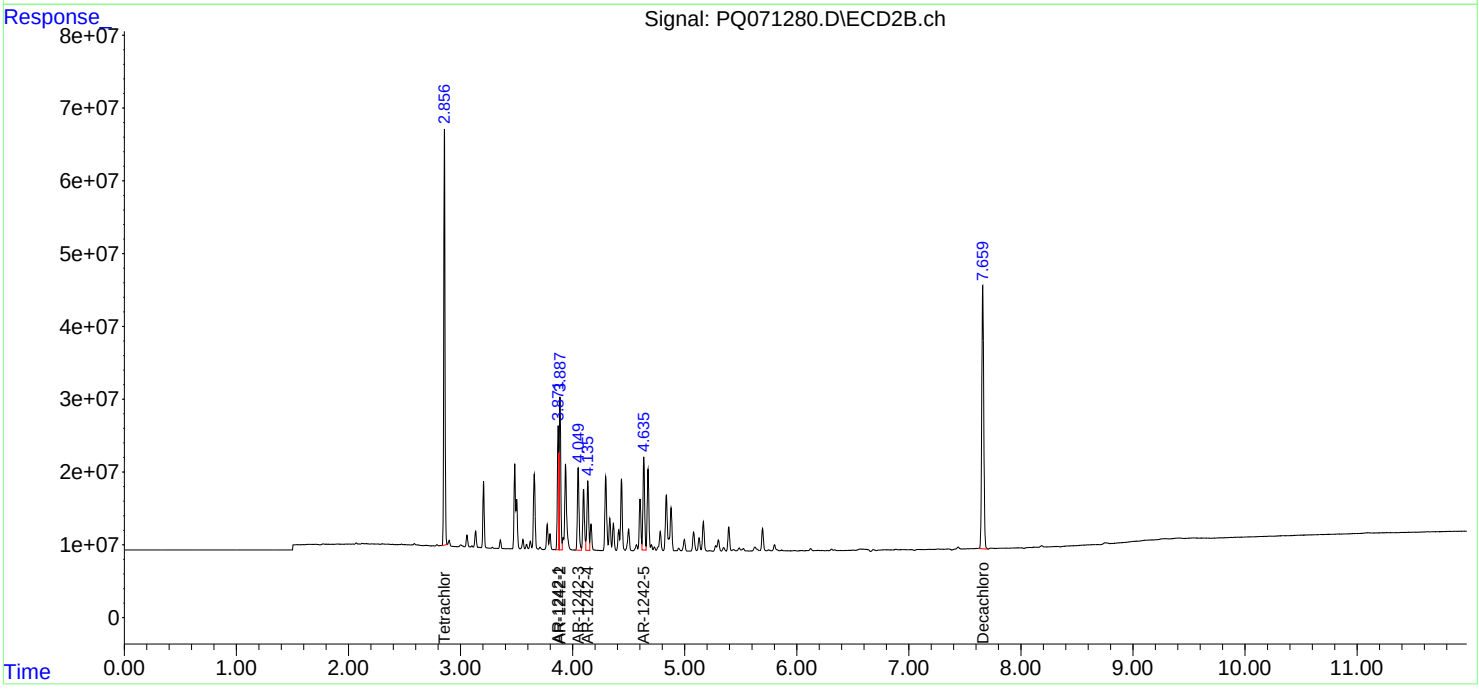
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 16:54
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 108 Sample Multiplier: 1

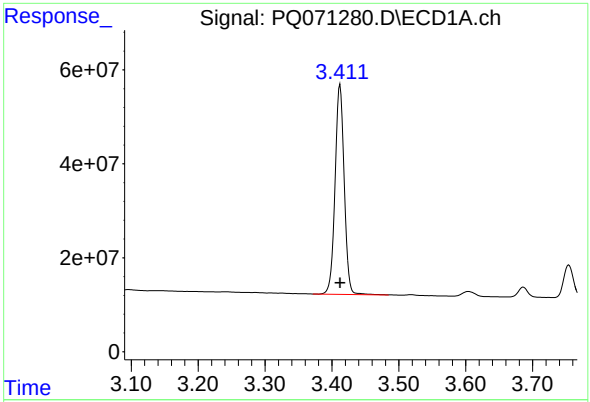
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

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



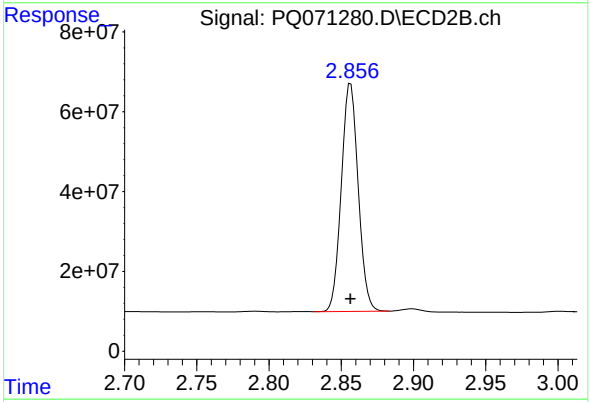




#1 Tetrachloro-m-xylene

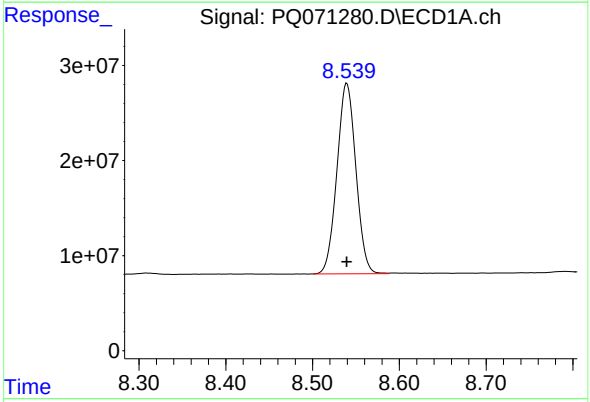
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 422903513
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



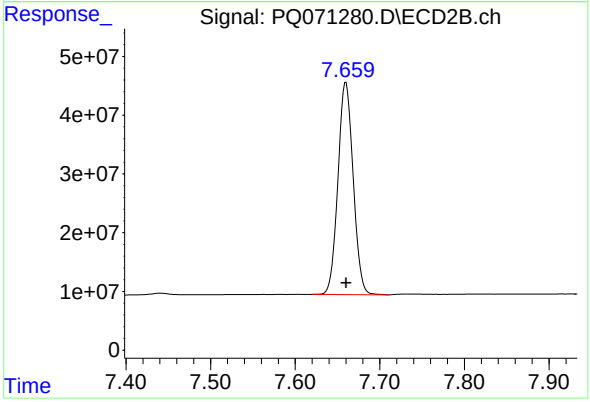
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 462421813
Conc: 50.00 ng/ml



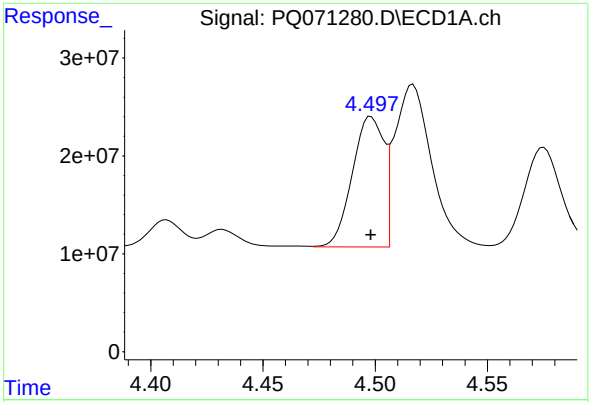
#2 Decachlorobiphenyl

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 304595978
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

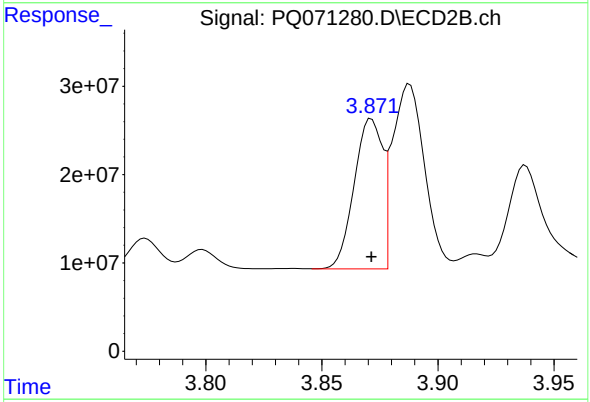
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 451428584
Conc: 50.00 ng/ml



#16 AR-1242-1

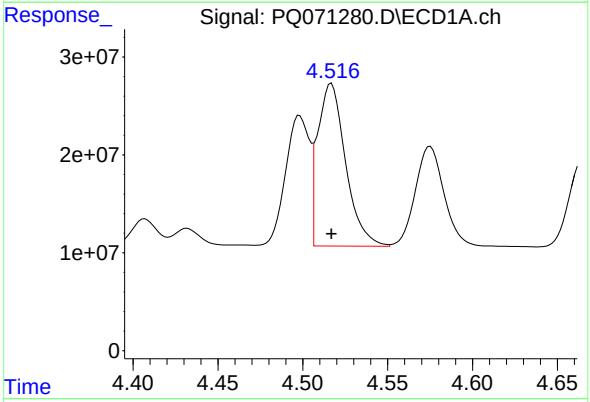
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 130368395
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



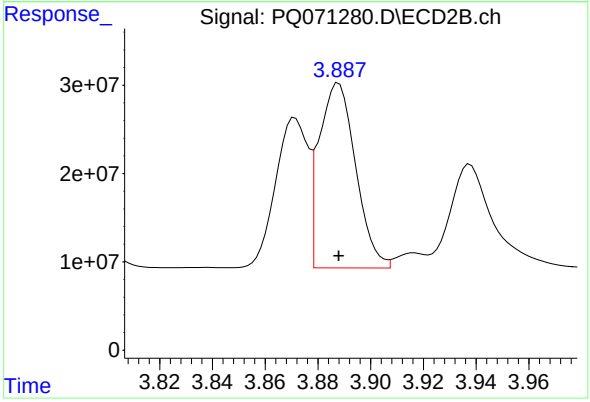
#16 AR-1242-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 144758213
Conc: 500.00 ng/ml



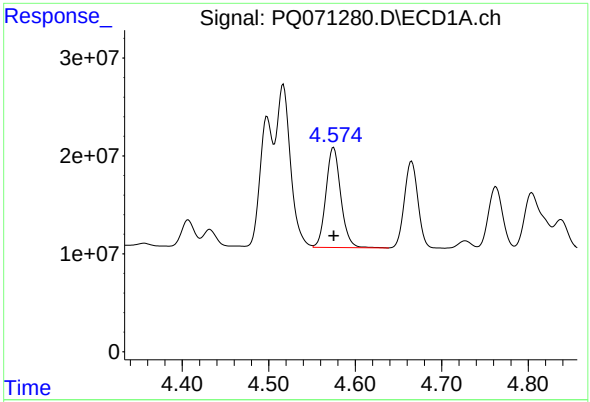
#17 AR-1242-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 190387634
Conc: 500.00 ng/ml



#17 AR-1242-2

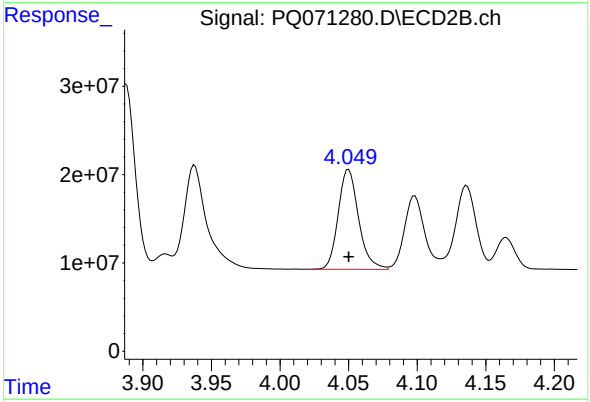
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 201416778
Conc: 500.00 ng/ml



#18 AR-1242-3

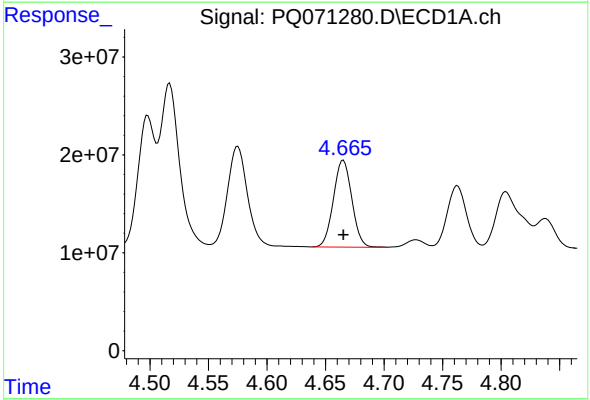
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 121622107
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



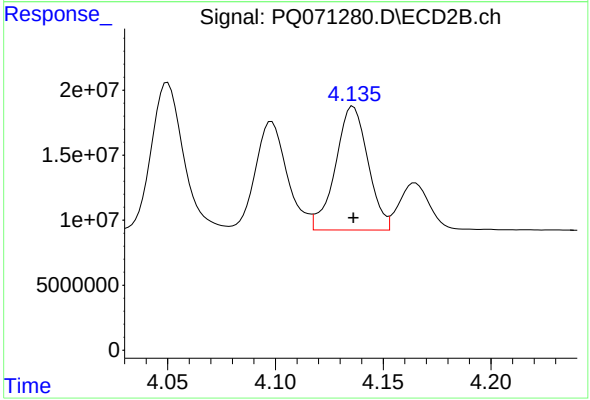
#18 AR-1242-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 116947785
Conc: 500.00 ng/ml



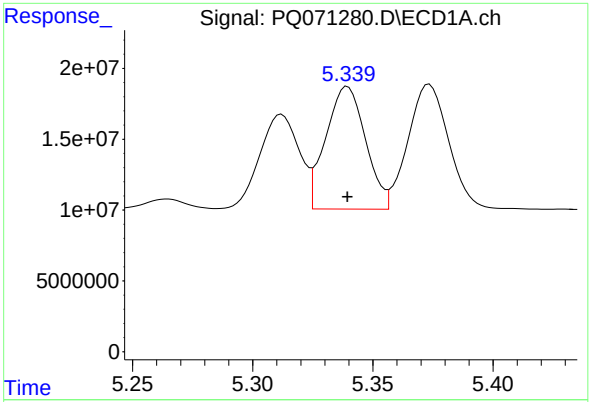
#19 AR-1242-4

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 97156871
Conc: 500.00 ng/ml



#19 AR-1242-4

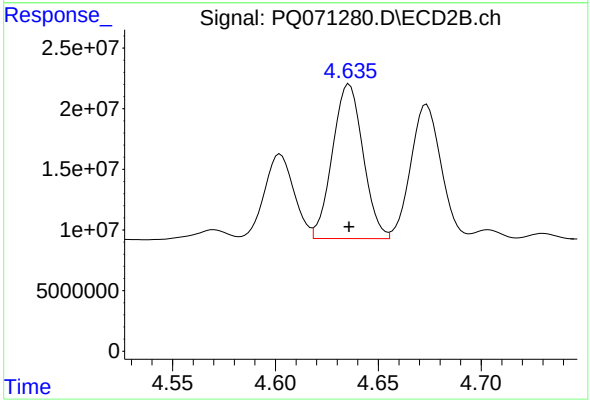
R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 99914472
Conc: 500.00 ng/ml



#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

Quantitation Report (QT Reviewed)

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

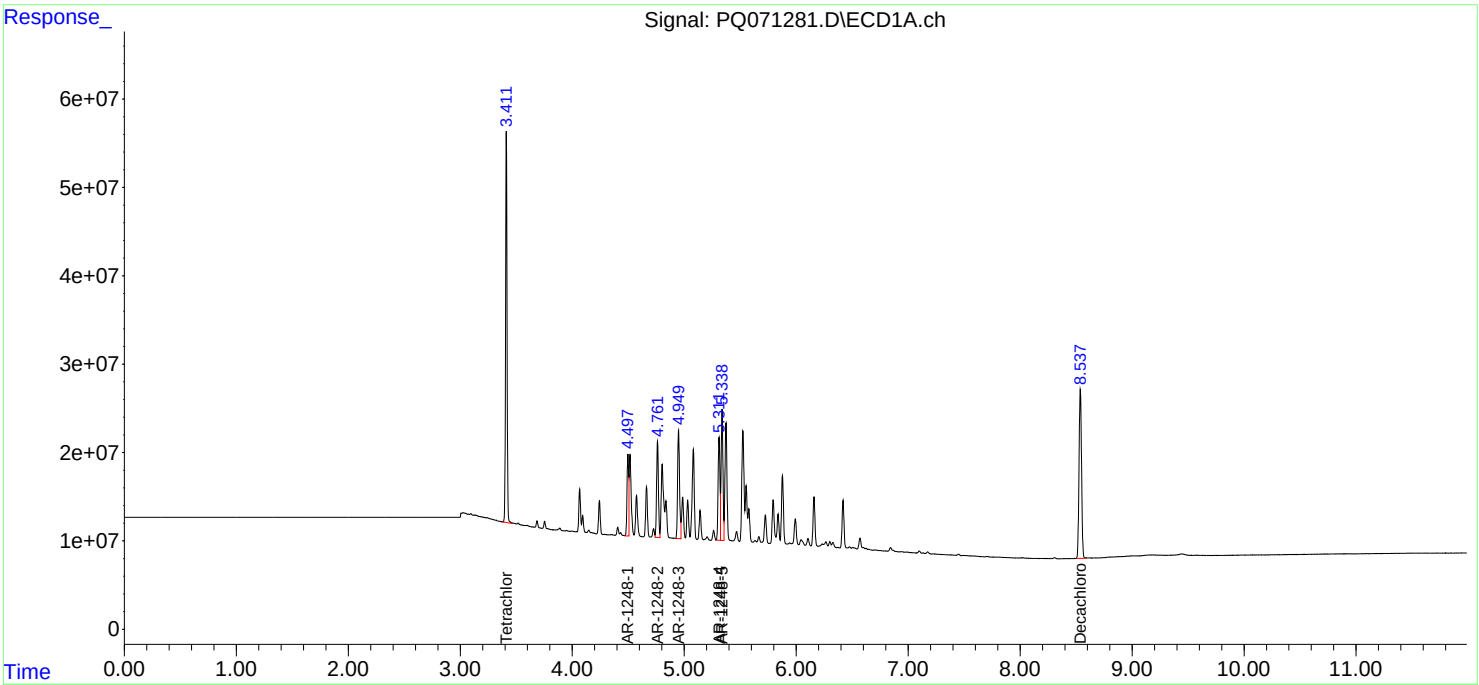
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

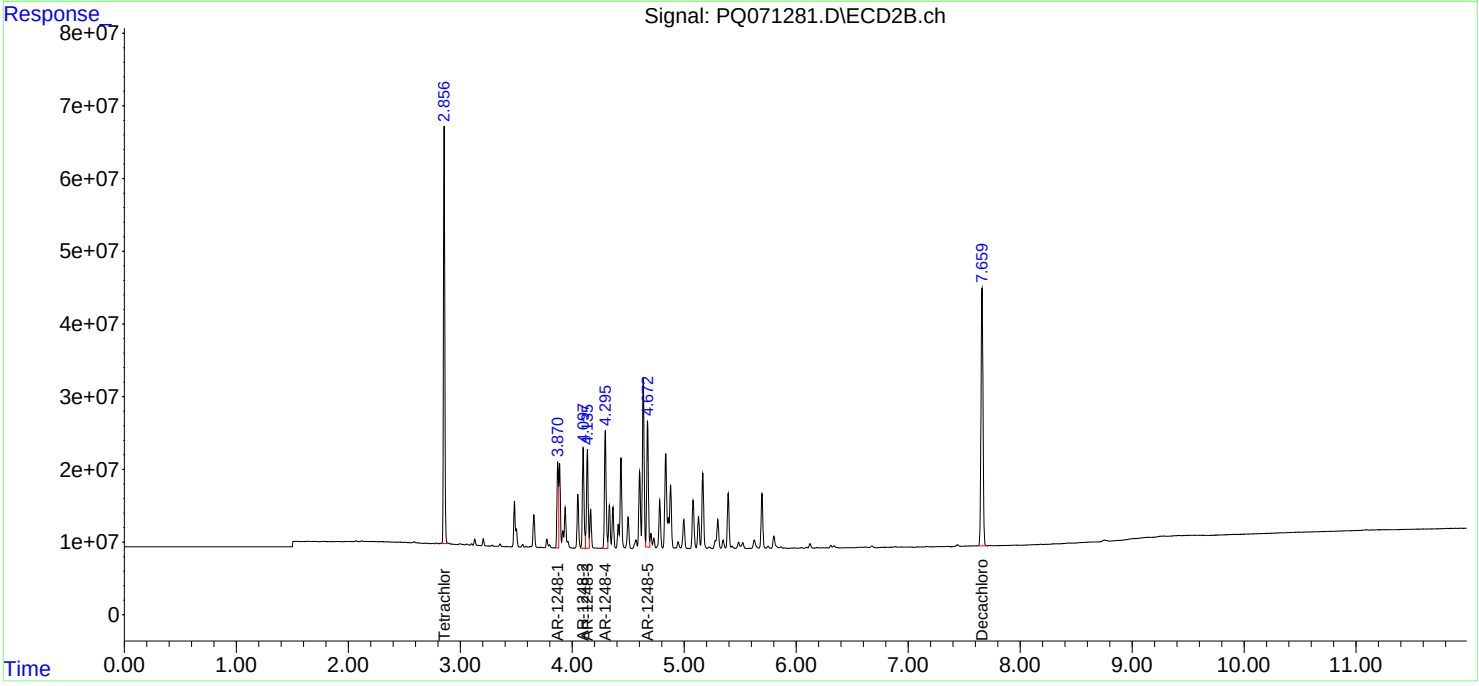
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:08
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 109 Sample Multiplier: 1

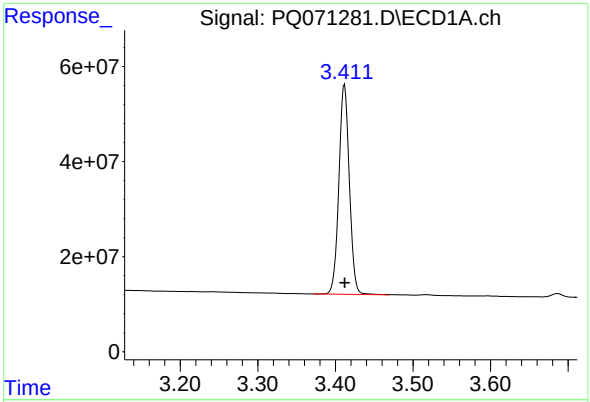
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

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



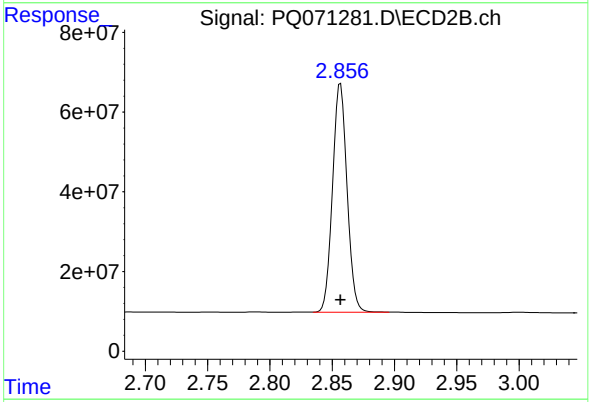




#1 Tetrachloro-m-xylene

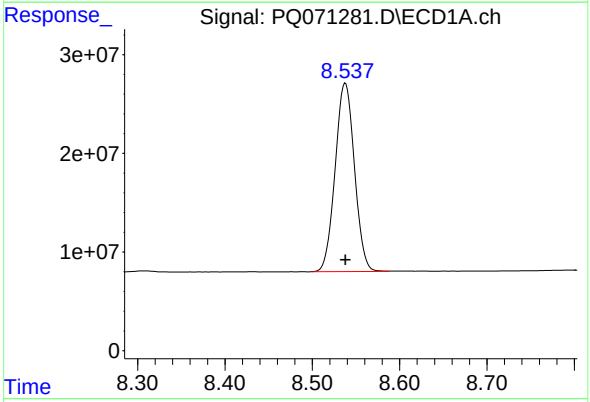
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 415172258
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



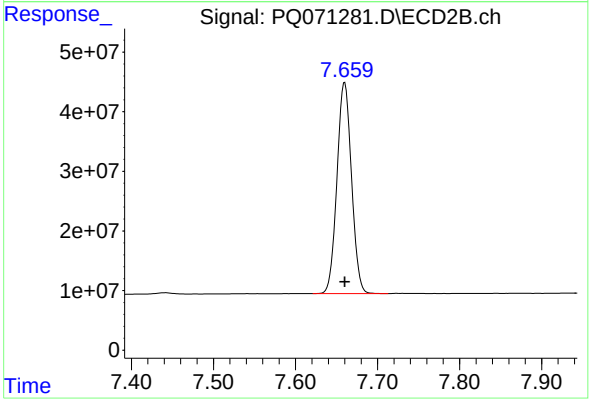
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 465513499
Conc: 50.00 ng/ml



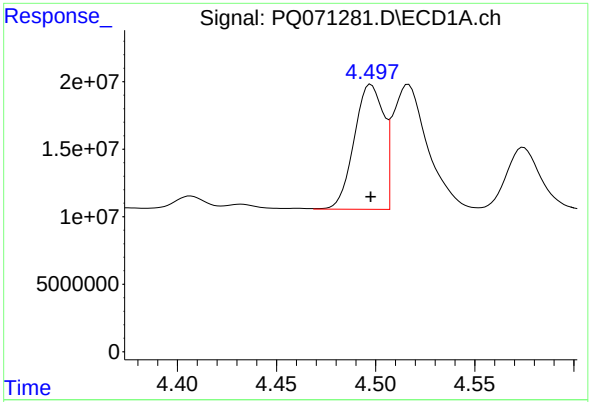
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 293475040
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

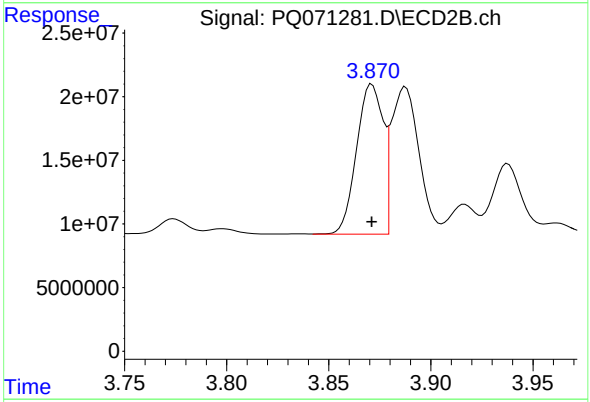
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 436163990
Conc: 50.00 ng/ml



#21 AR-1248-1

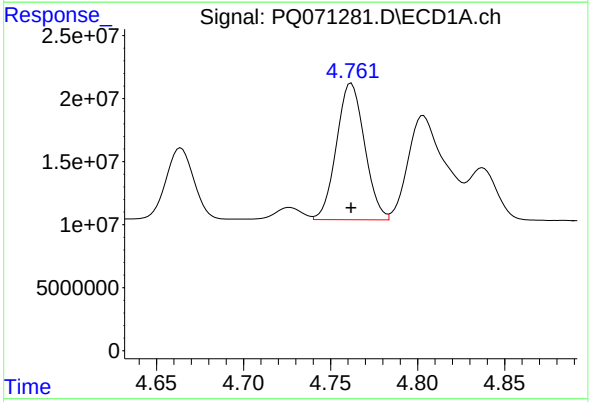
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 95247166
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



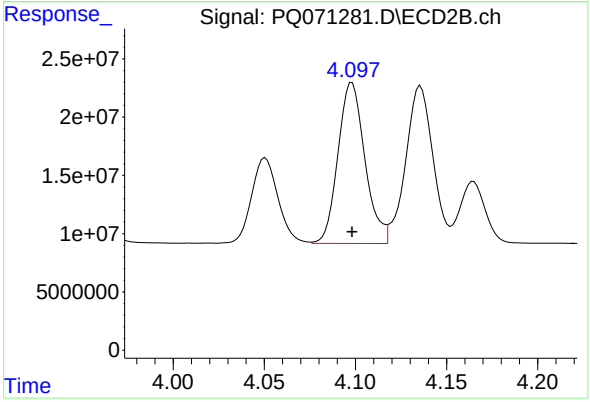
#21 AR-1248-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 106438129
Conc: 500.00 ng/ml



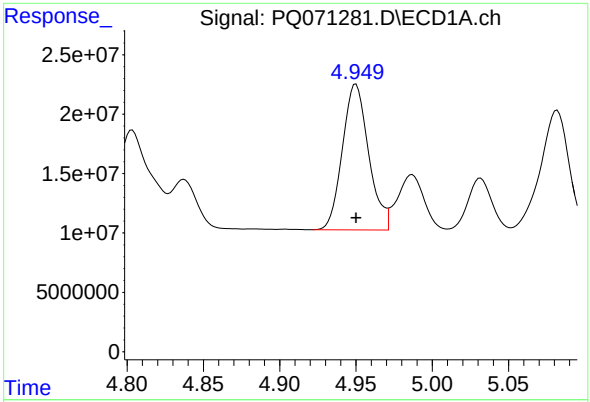
#22 AR-1248-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 121643540
Conc: 500.00 ng/ml



#22 AR-1248-2

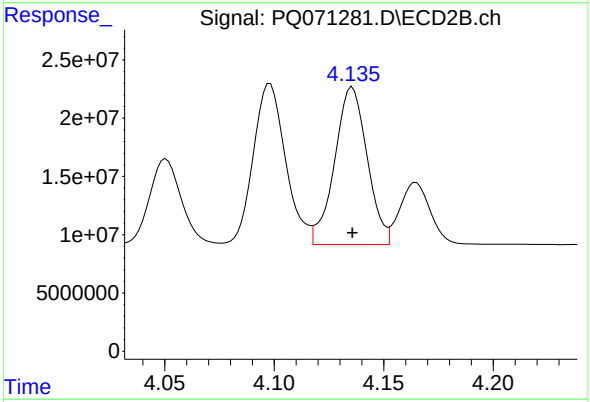
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 142008582
Conc: 500.00 ng/ml



#23 AR-1248-3

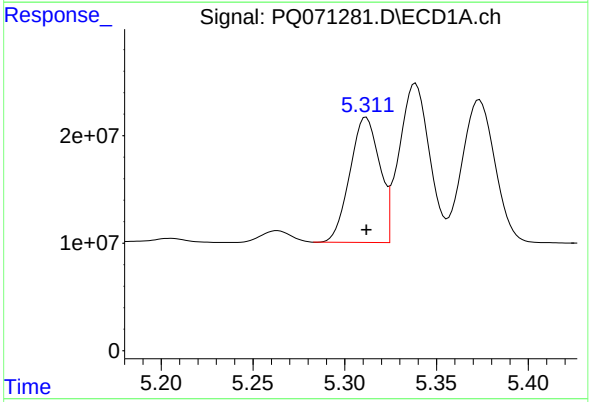
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 146912906
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



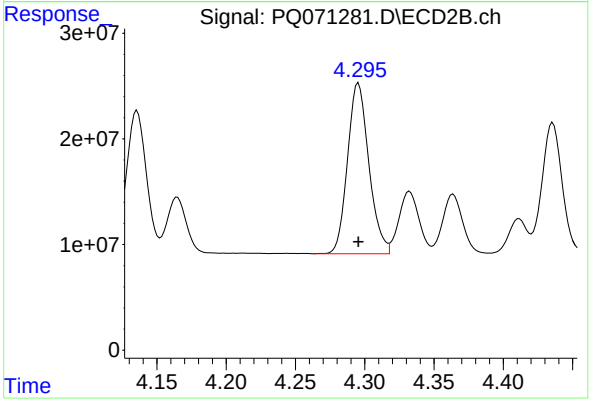
#23 AR-1248-3

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 140056314
Conc: 500.00 ng/ml



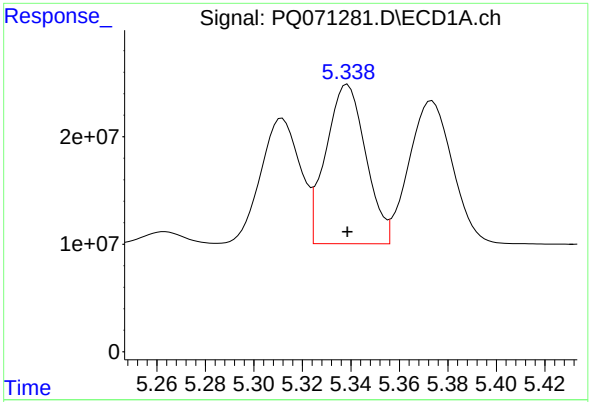
#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 131439045
Conc: 500.00 ng/ml



#24 AR-1248-4

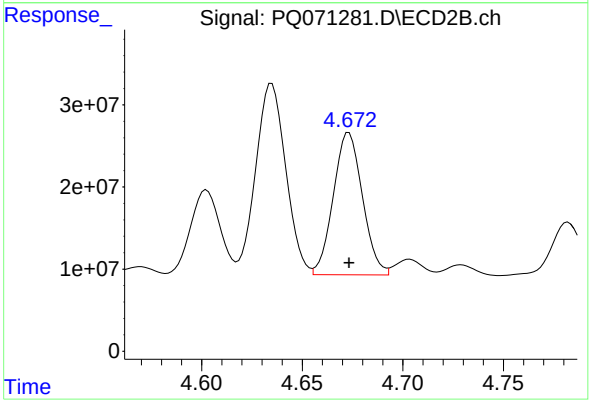
R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 173192057
Conc: 500.00 ng/ml



#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



#25 AR-1248-5

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 174318947
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

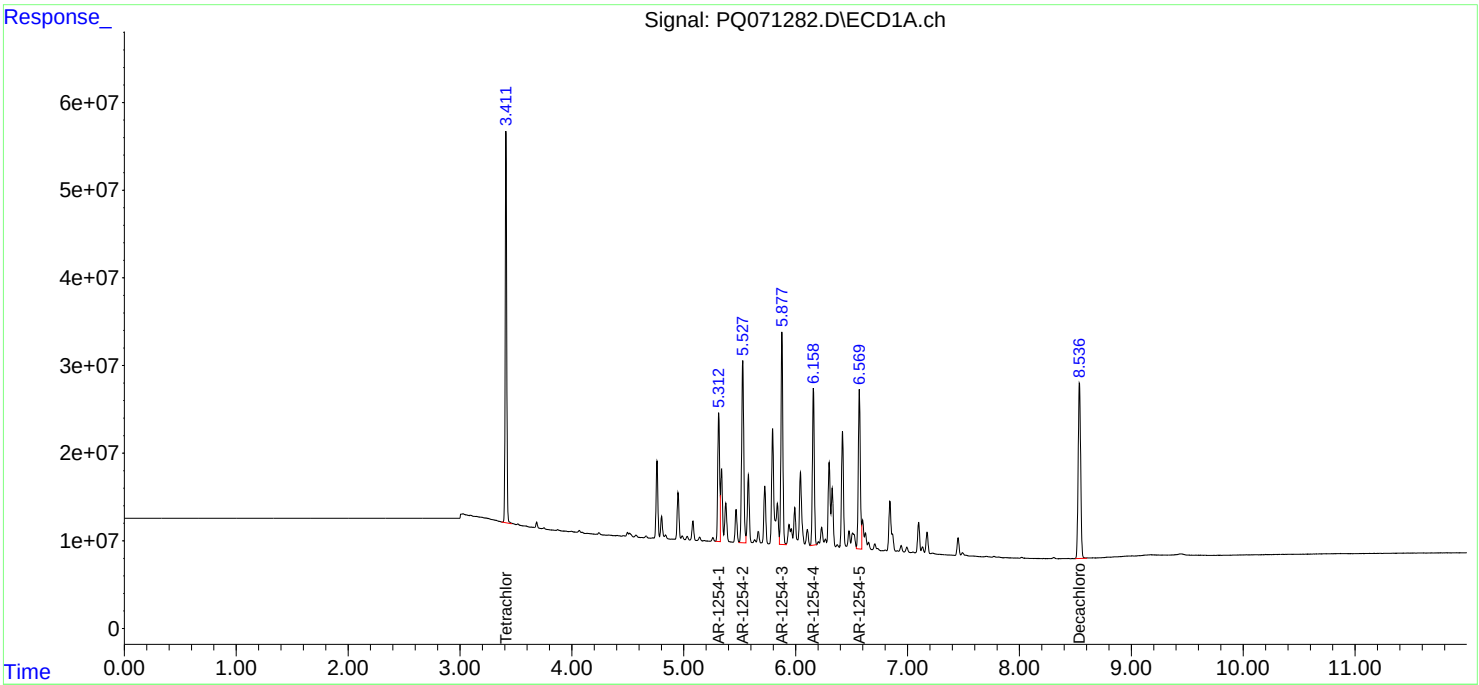
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

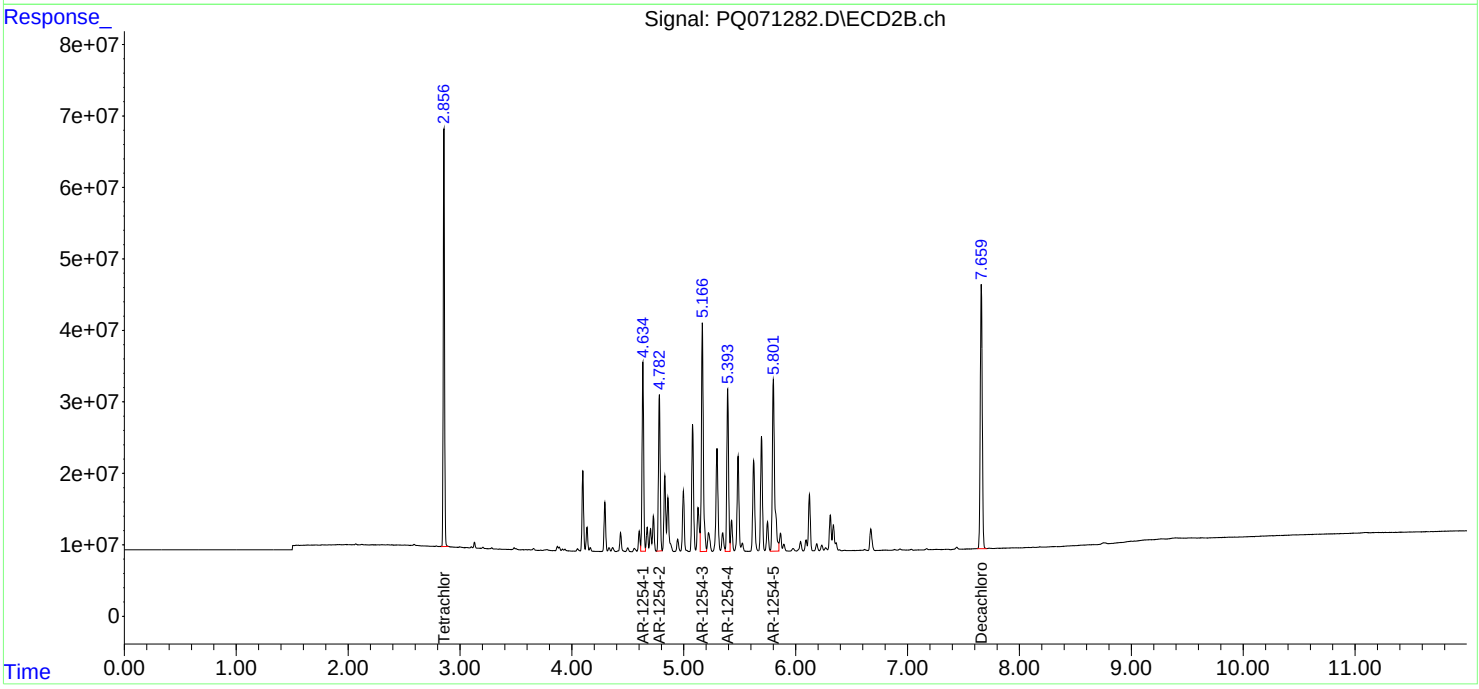
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:23
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 110 Sample Multiplier: 1

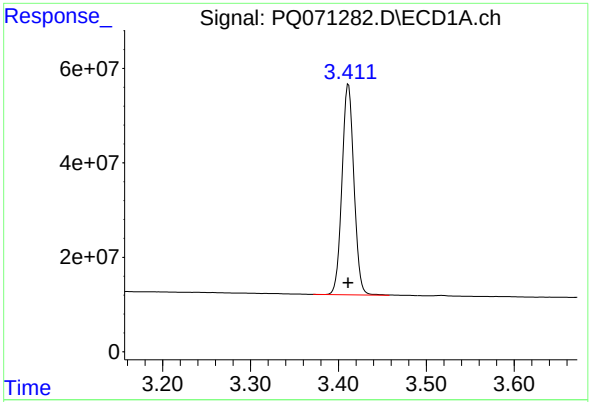
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

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



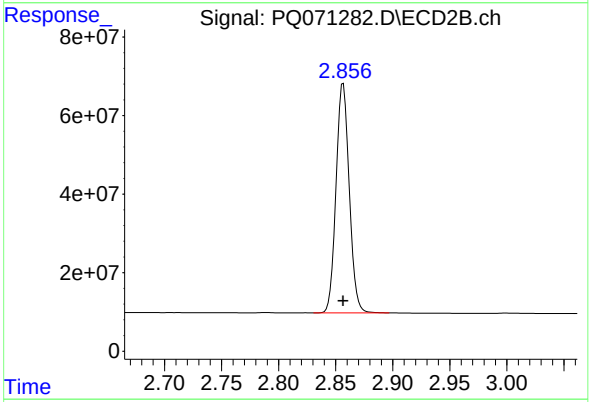




#1 Tetrachloro-m-xylene

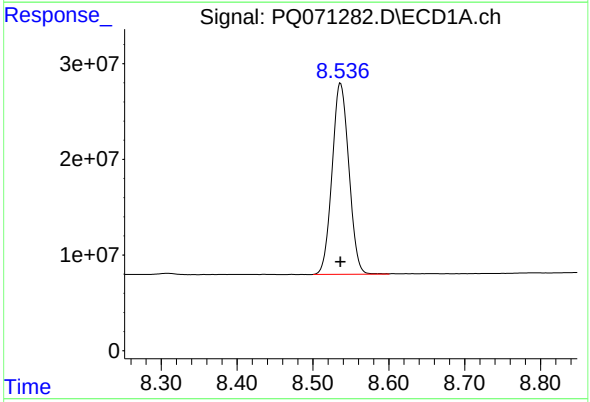
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 421835631
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



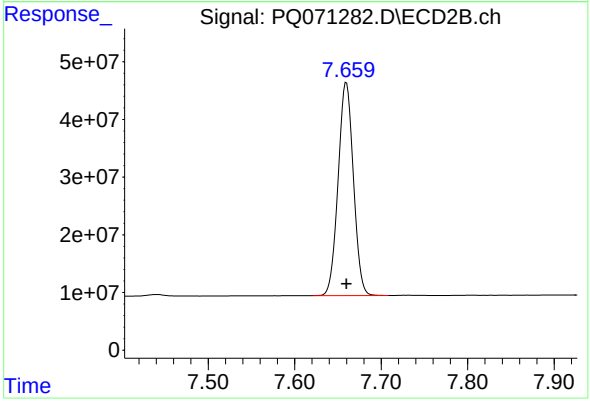
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 469785175
Conc: 50.00 ng/ml



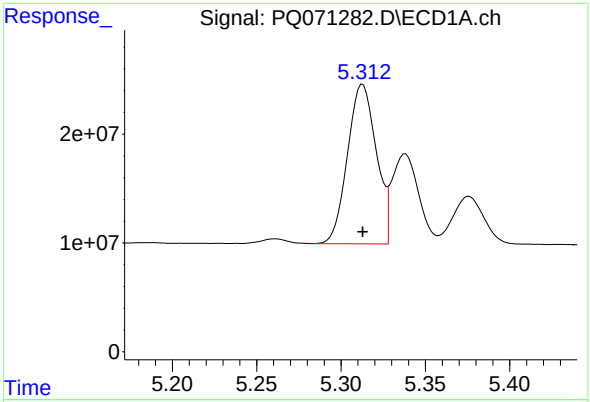
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 306652362
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

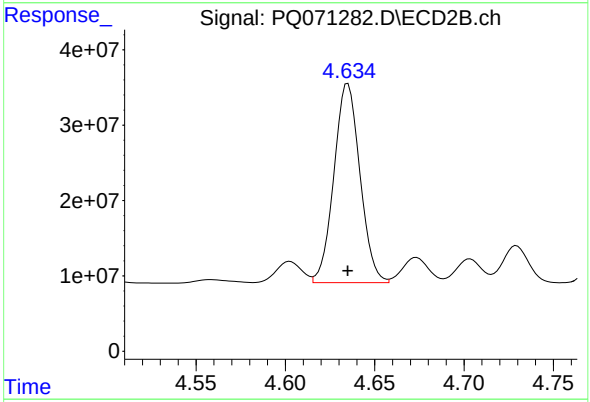
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 450219242
Conc: 50.00 ng/ml



#26 AR-1254-1

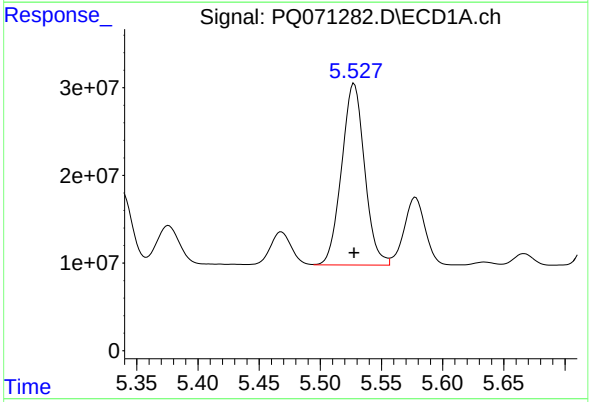
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 173680051
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



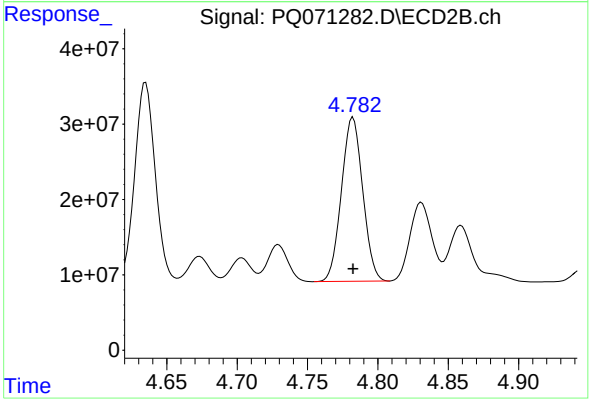
#26 AR-1254-1

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 267934404
Conc: 500.00 ng/ml



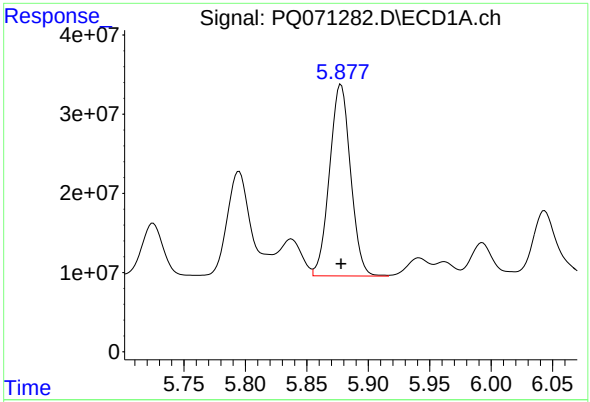
#27 AR-1254-2

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 270911577
Conc: 500.00 ng/ml



#27 AR-1254-2

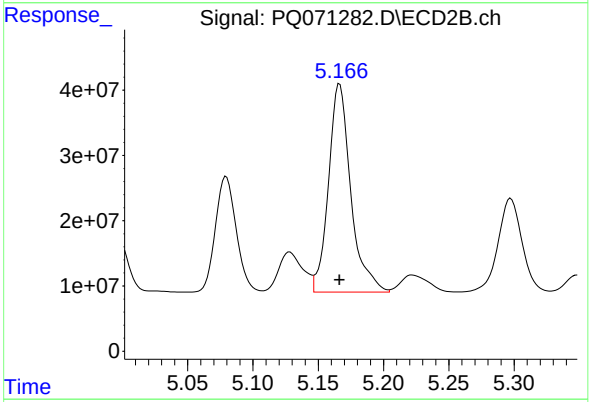
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 229390705
Conc: 500.00 ng/ml



#28 AR-1254-3

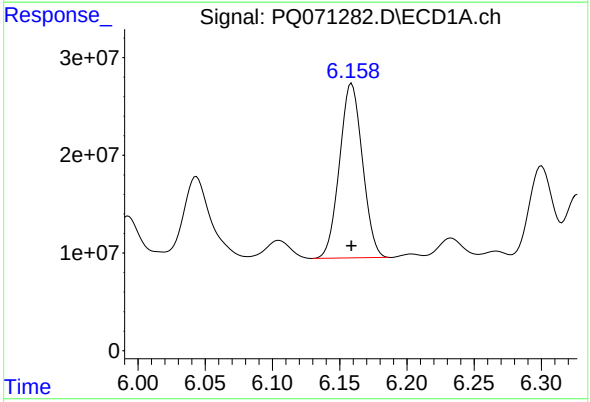
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 287915038
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



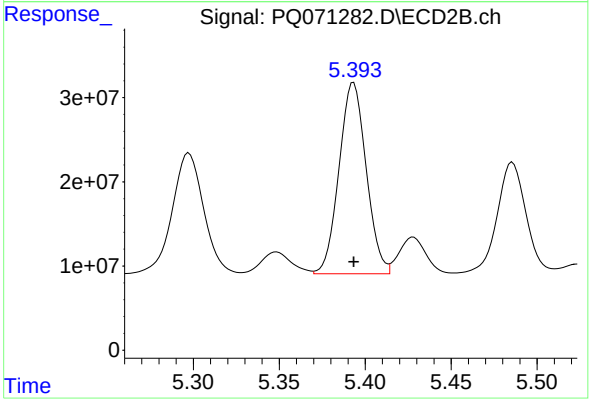
#28 AR-1254-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 379649643
Conc: 500.00 ng/ml



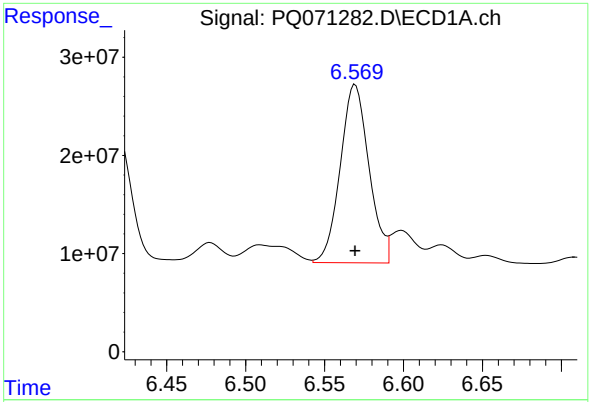
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 211245059
Conc: 500.00 ng/ml



#29 AR-1254-4

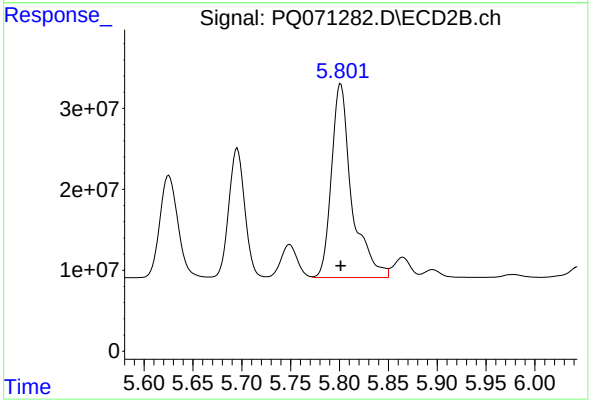
R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 249908850
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 229816084
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 346115070
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

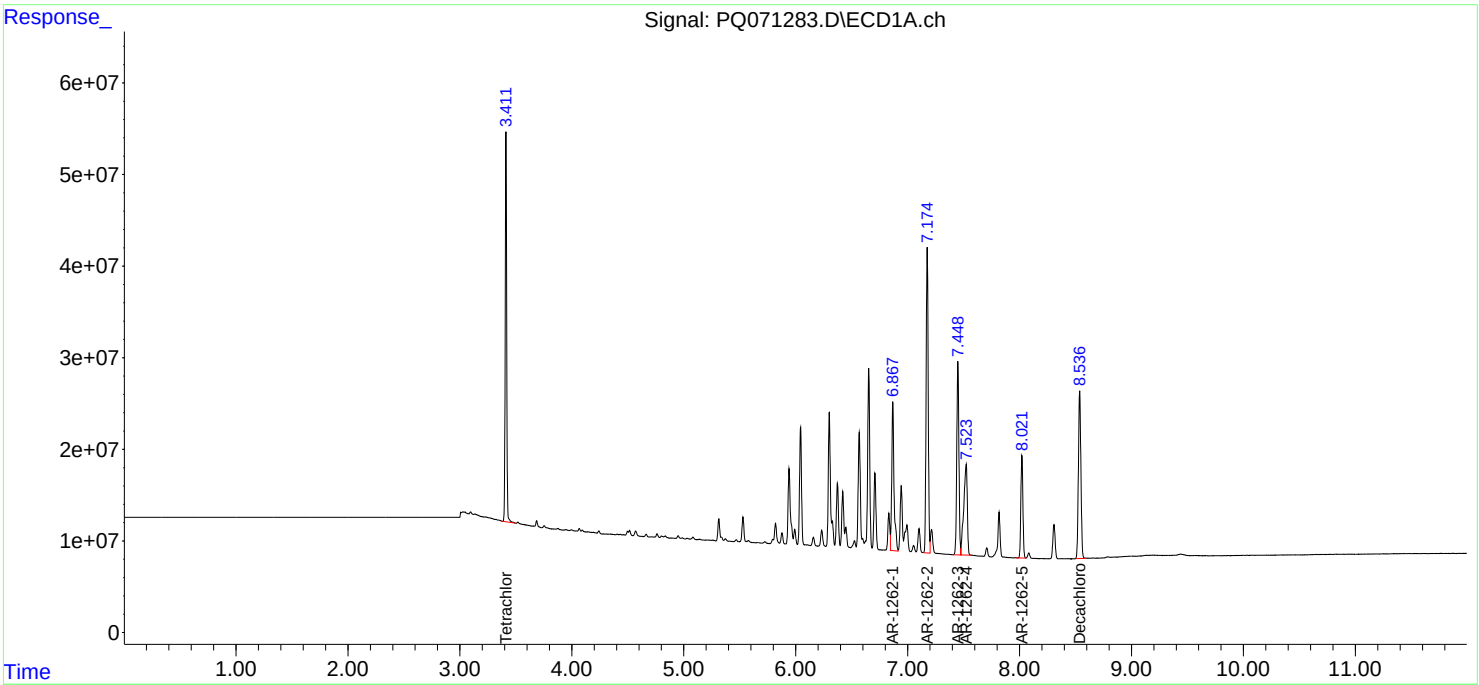
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

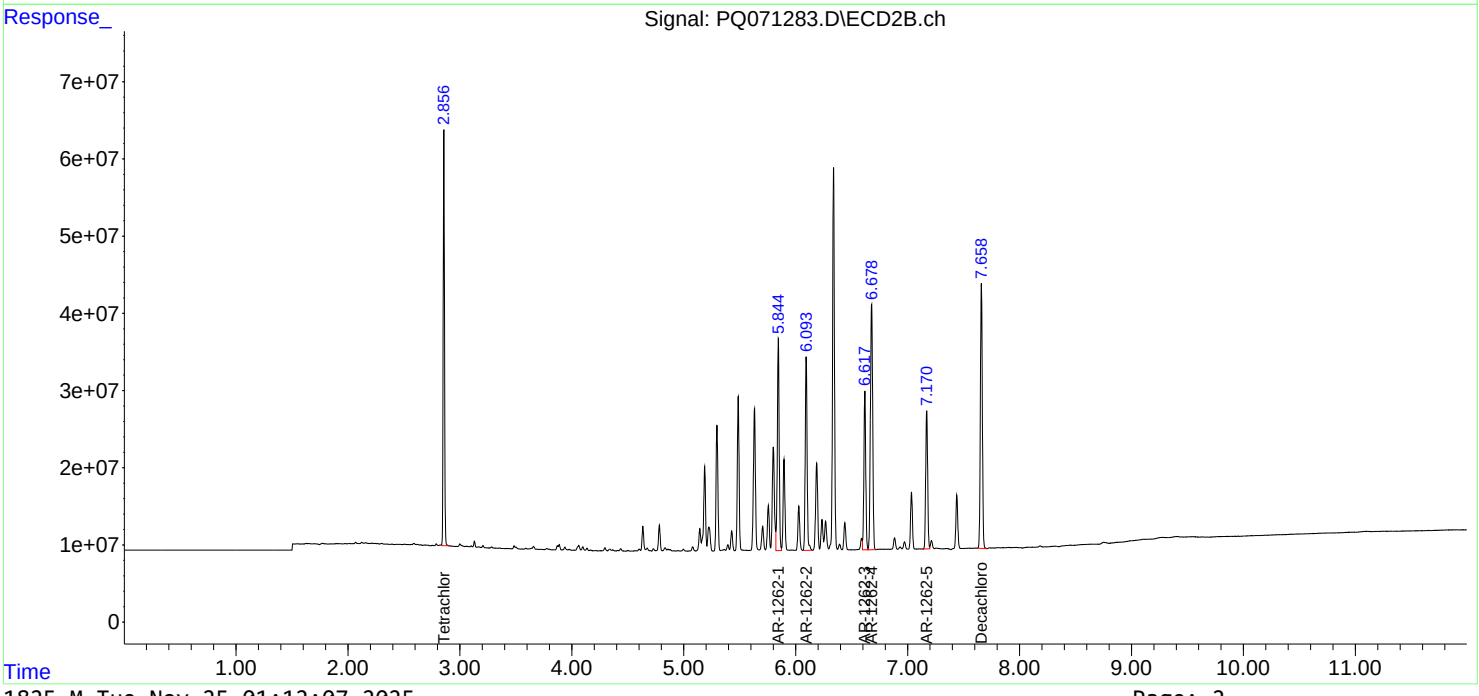
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:37
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 111 Sample Multiplier: 1

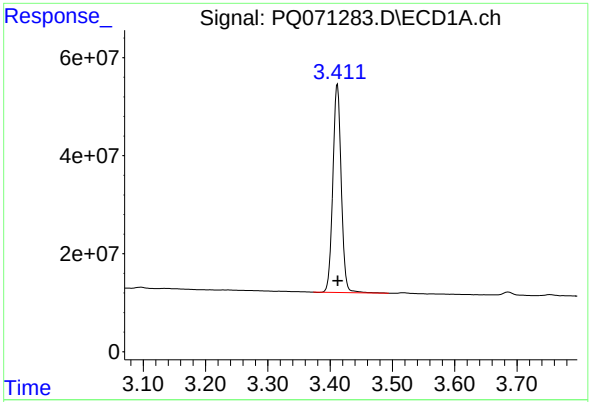
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

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



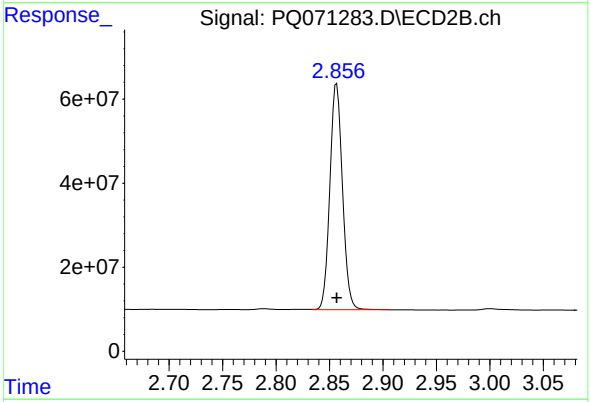




#1 Tetrachloro-m-xylene

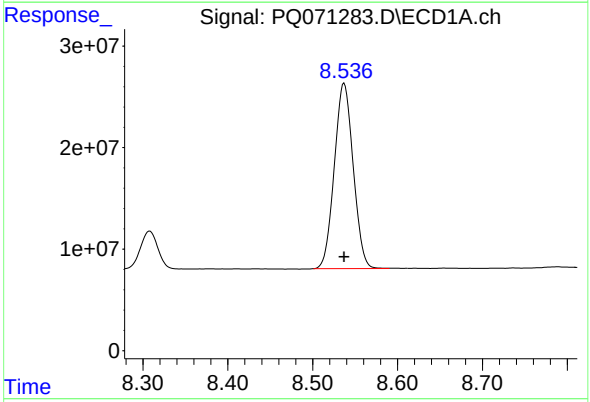
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 397359526
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



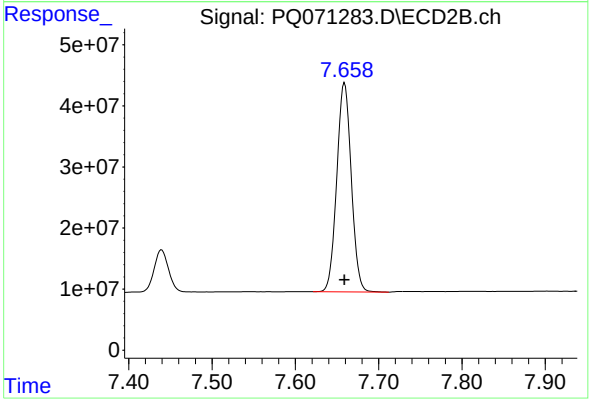
#1 Tetrachloro-m-xylene

R.T.: 2.857 min
Delta R.T.: 0.000 min
Response: 440482536
Conc: 50.00 ng/ml



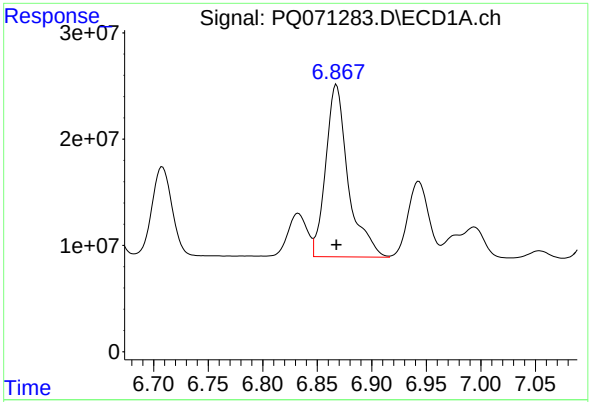
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 282269852
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

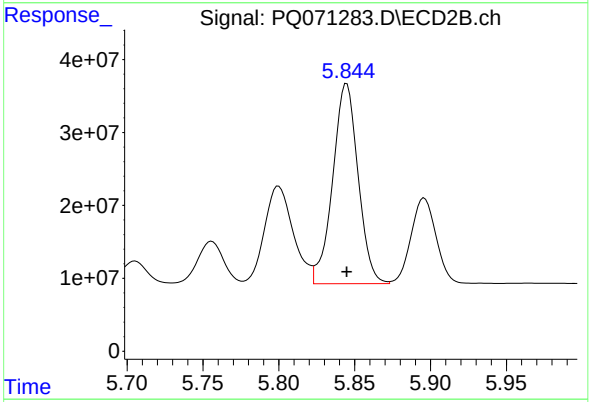
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 413775408
Conc: 50.00 ng/ml



#36 AR-1262-1

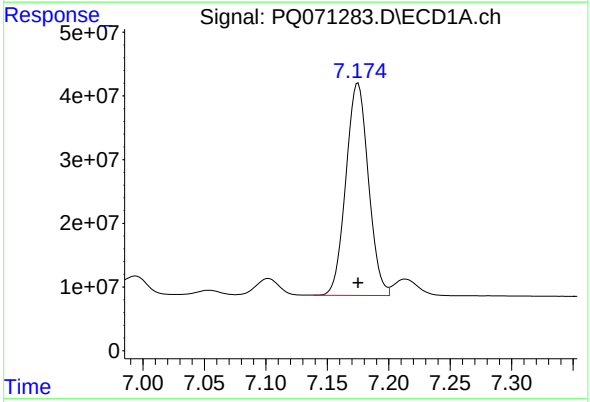
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 233323011
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



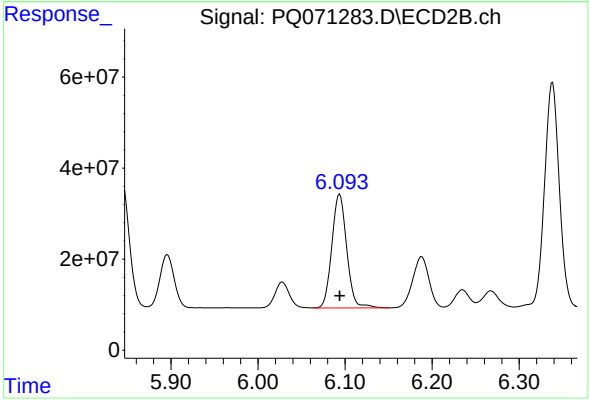
#36 AR-1262-1

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 319754851
Conc: 500.00 ng/ml



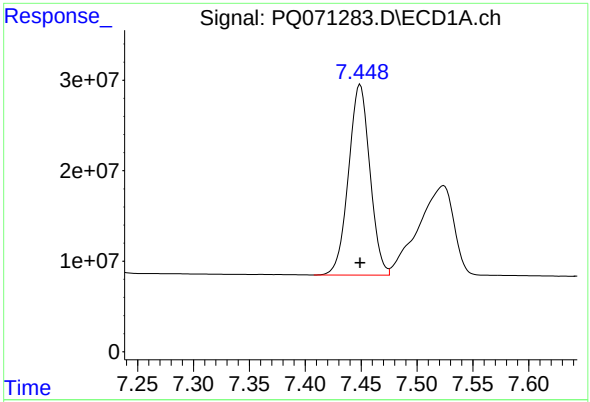
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 425161976
Conc: 500.00 ng/ml



#37 AR-1262-2

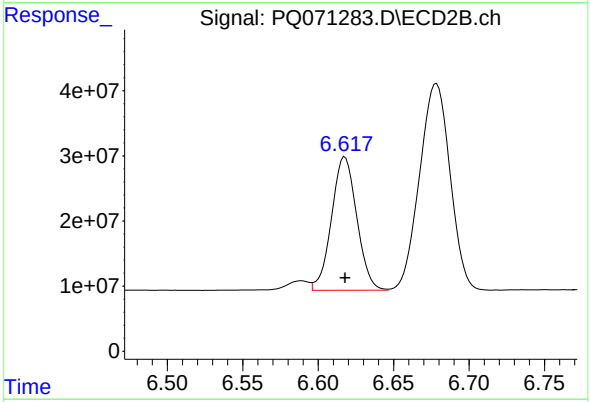
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 297170097
Conc: 500.00 ng/ml



#38 AR-1262-3

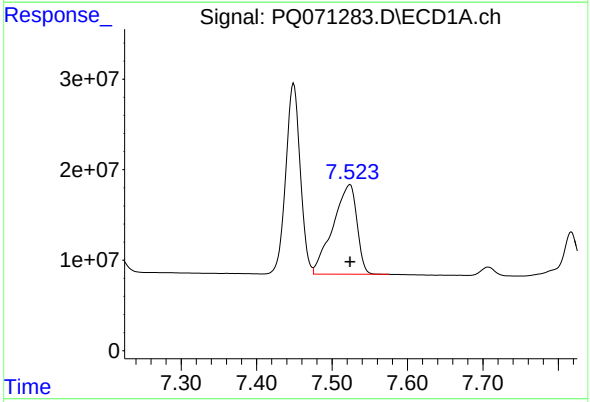
R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 280435199
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



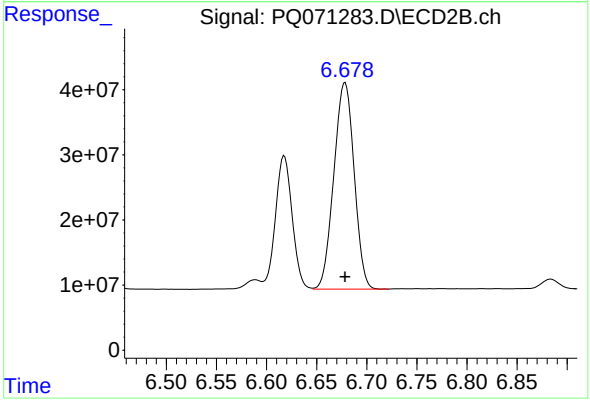
#38 AR-1262-3

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 238828993
Conc: 500.00 ng/ml



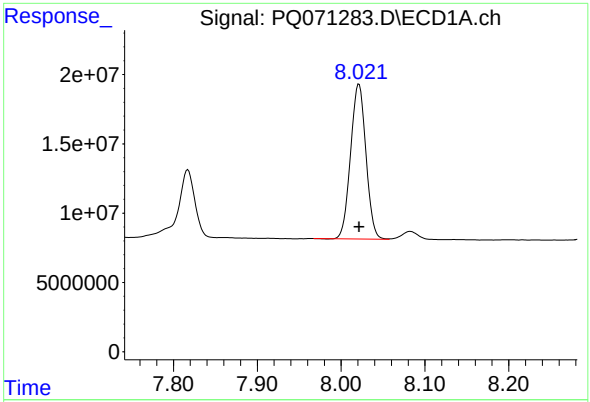
#39 AR-1262-4

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 219133752
Conc: 500.00 ng/ml



#39 AR-1262-4

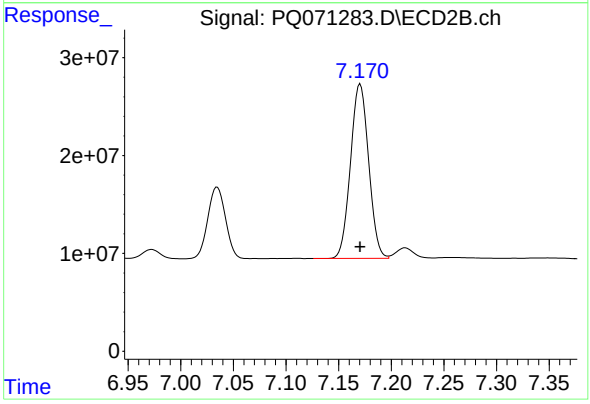
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 447174978
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 141988111
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 214166302
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

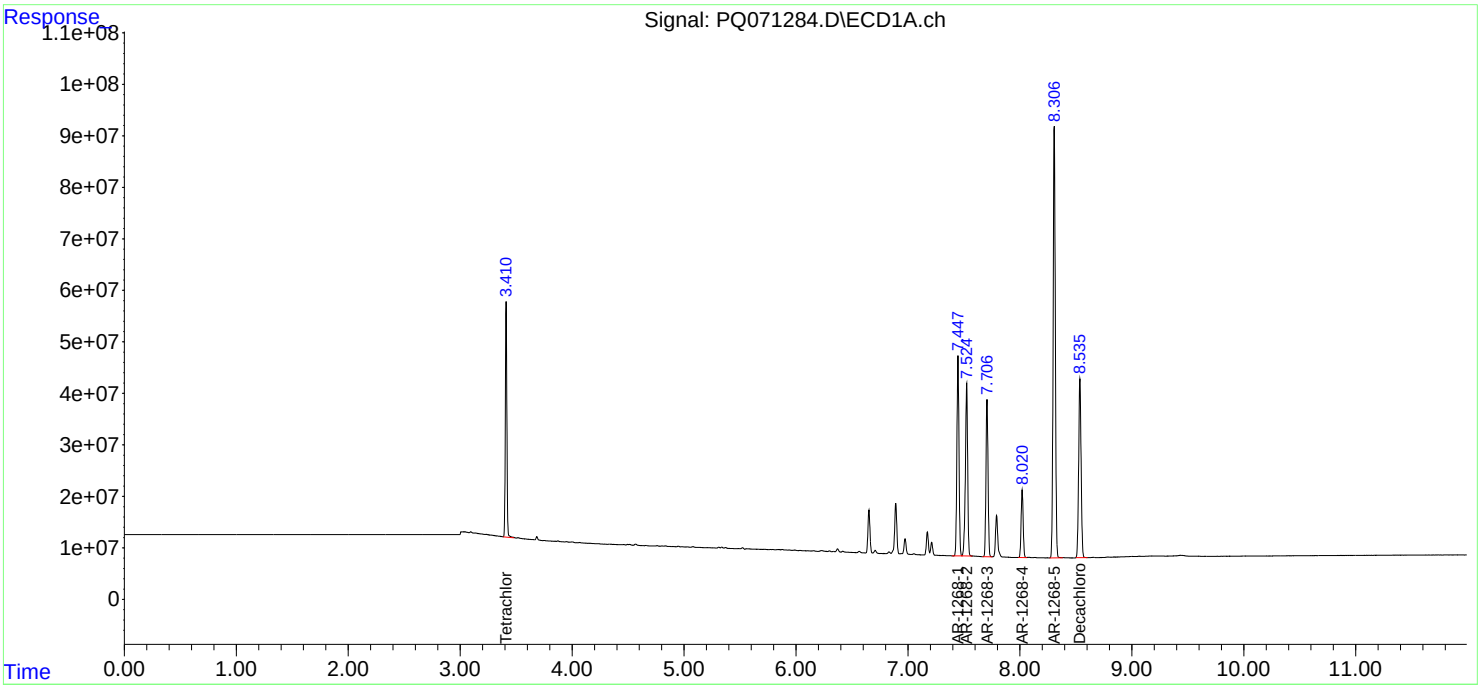
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

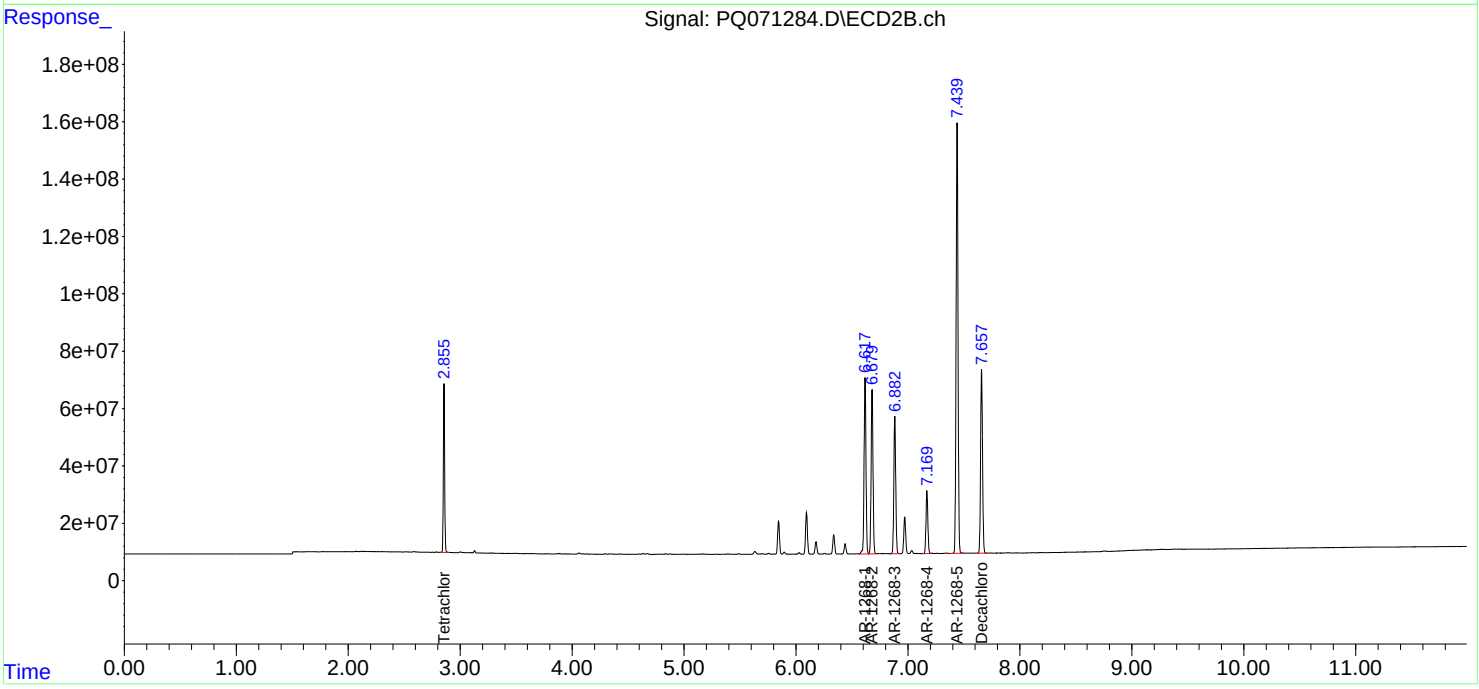
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 17:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 112 Sample Multiplier: 1

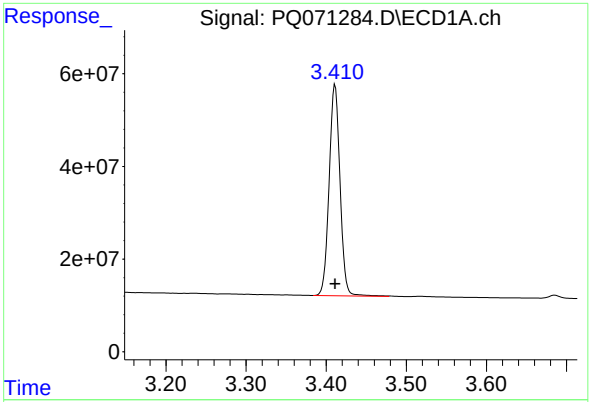
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

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



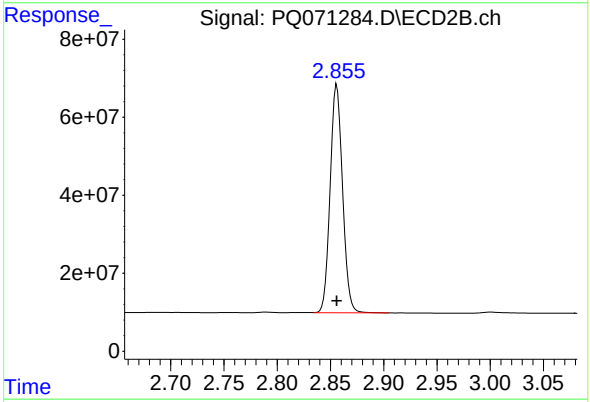




#1 Tetrachloro-m-xylene

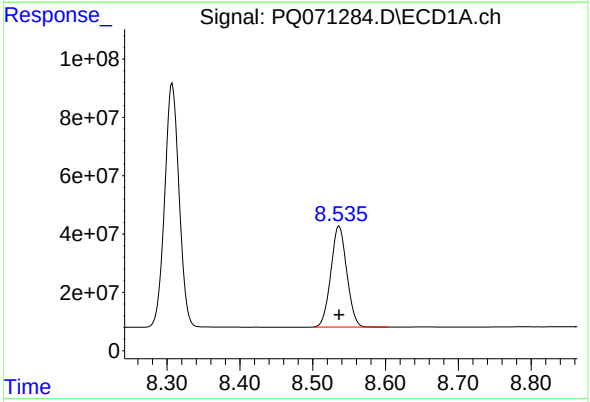
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 429979015
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



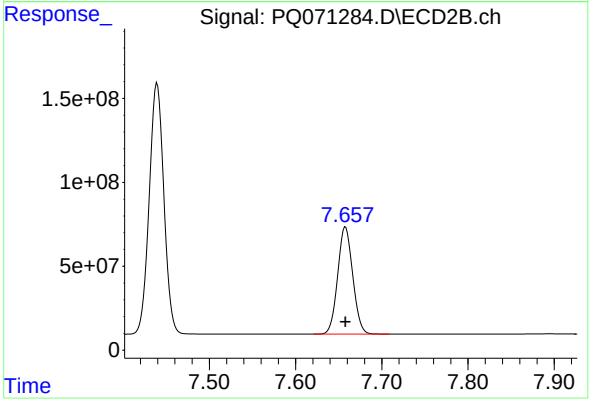
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 474109049
Conc: 50.00 ng/ml



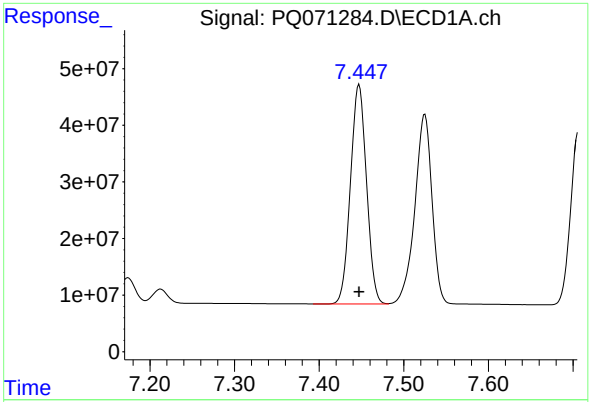
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 526004699
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

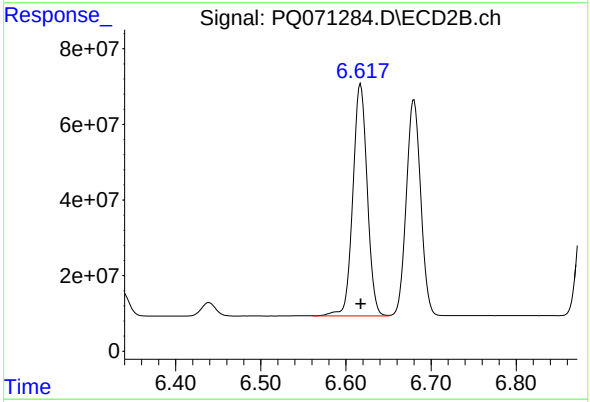
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 773144506
Conc: 50.00 ng/ml



#41 AR-1268-1

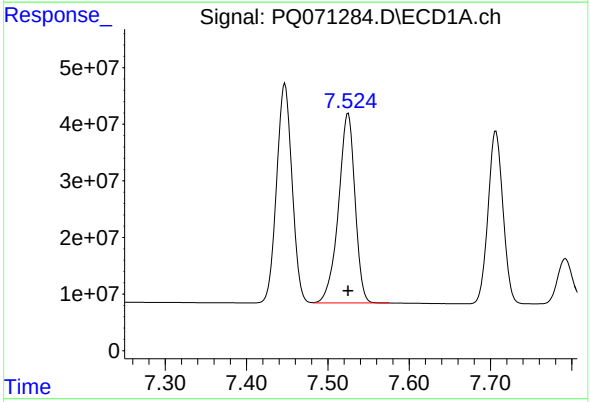
R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 510378458
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



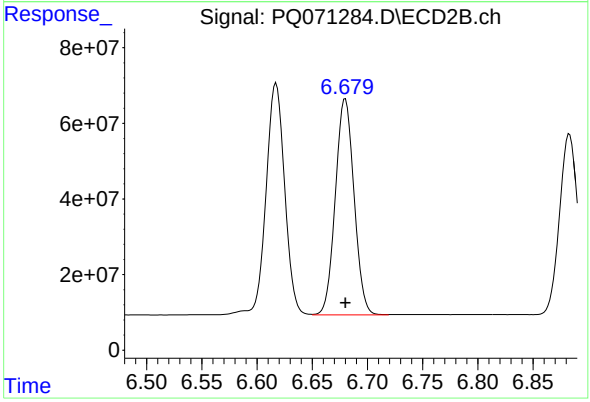
#41 AR-1268-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 720021410
Conc: 500.00 ng/ml



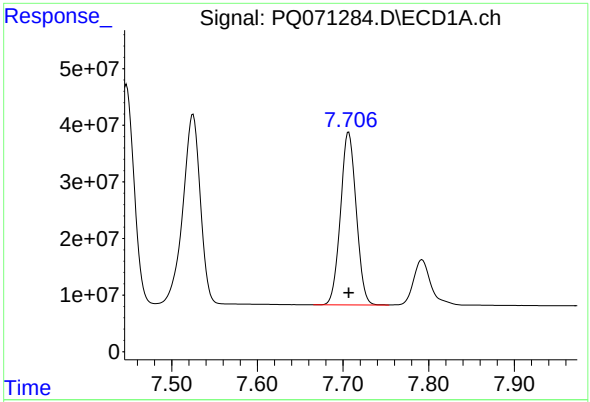
#42 AR-1268-2

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 473375286
Conc: 500.00 ng/ml



#42 AR-1268-2

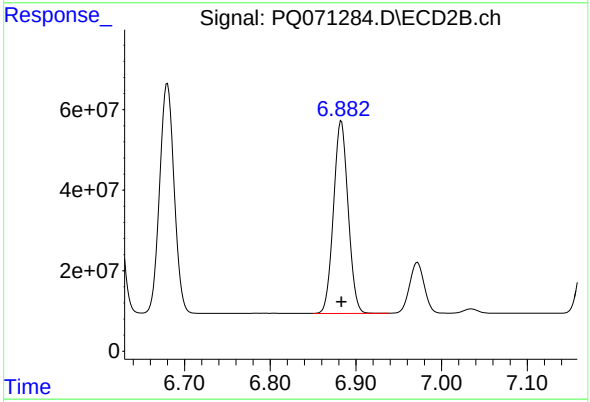
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 673856653
Conc: 500.00 ng/ml



#43 AR-1268-3

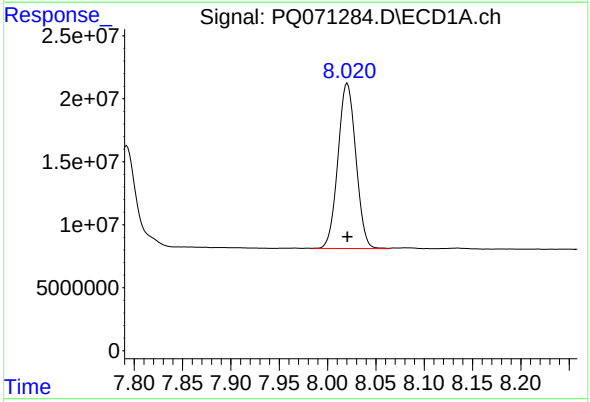
R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 388949065
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



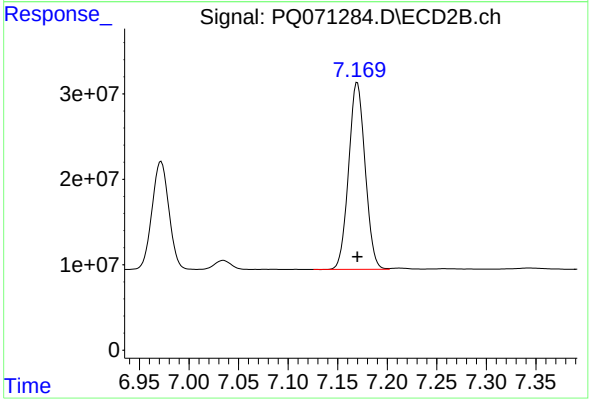
#43 AR-1268-3

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 567879128
Conc: 500.00 ng/ml



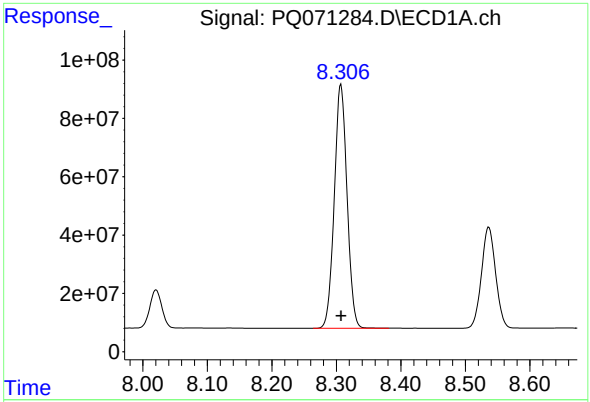
#44 AR-1268-4

R.T.: 8.021 min
Delta R.T.: 0.000 min
Response: 169164861
Conc: 500.00 ng/ml



#44 AR-1268-4

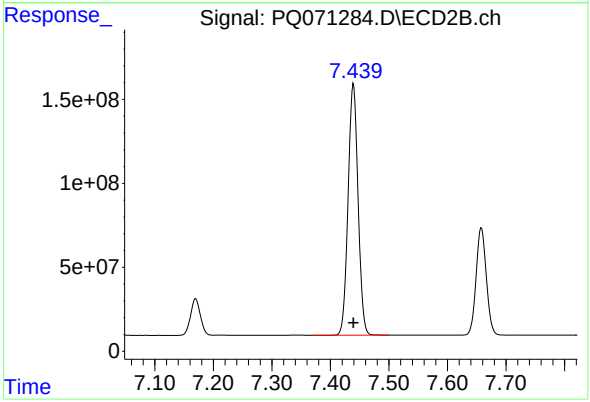
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 253566325
Conc: 500.00 ng/ml



#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



#45 AR-1268-5

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 1770756916
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

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

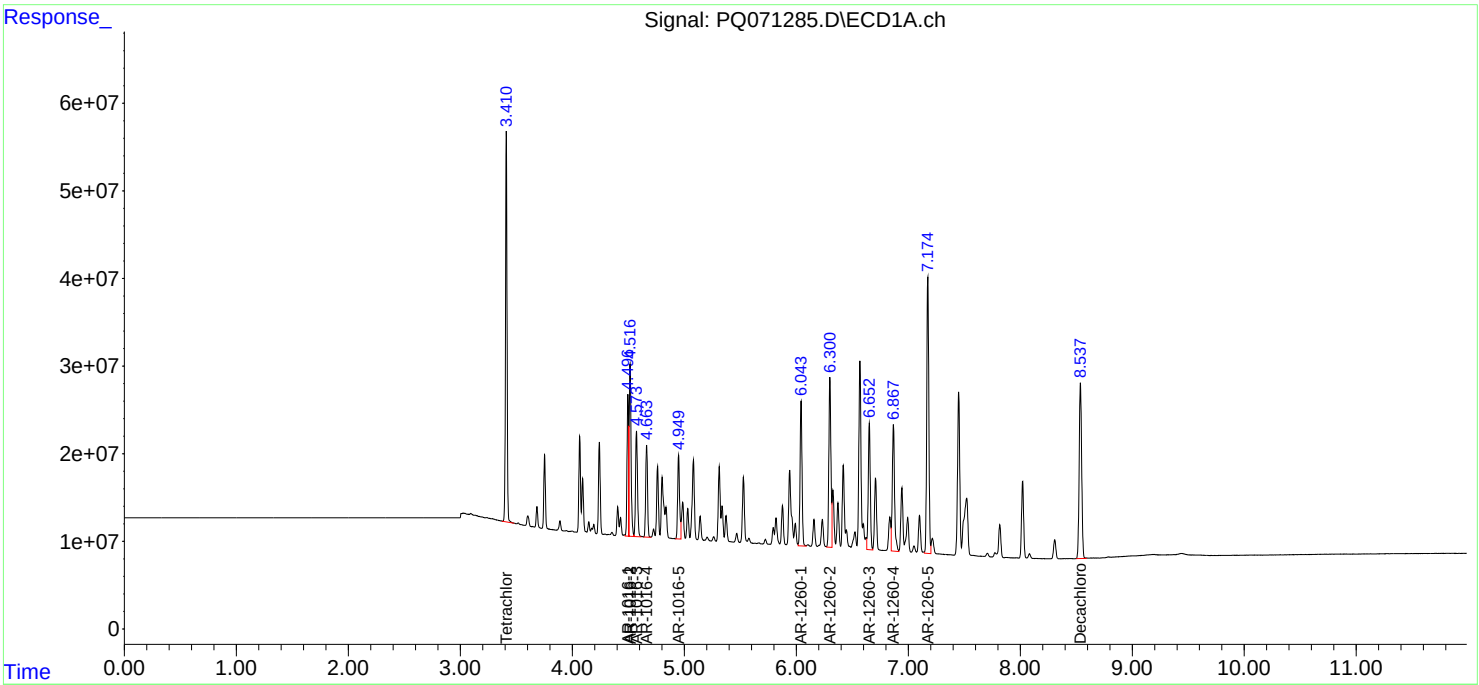
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

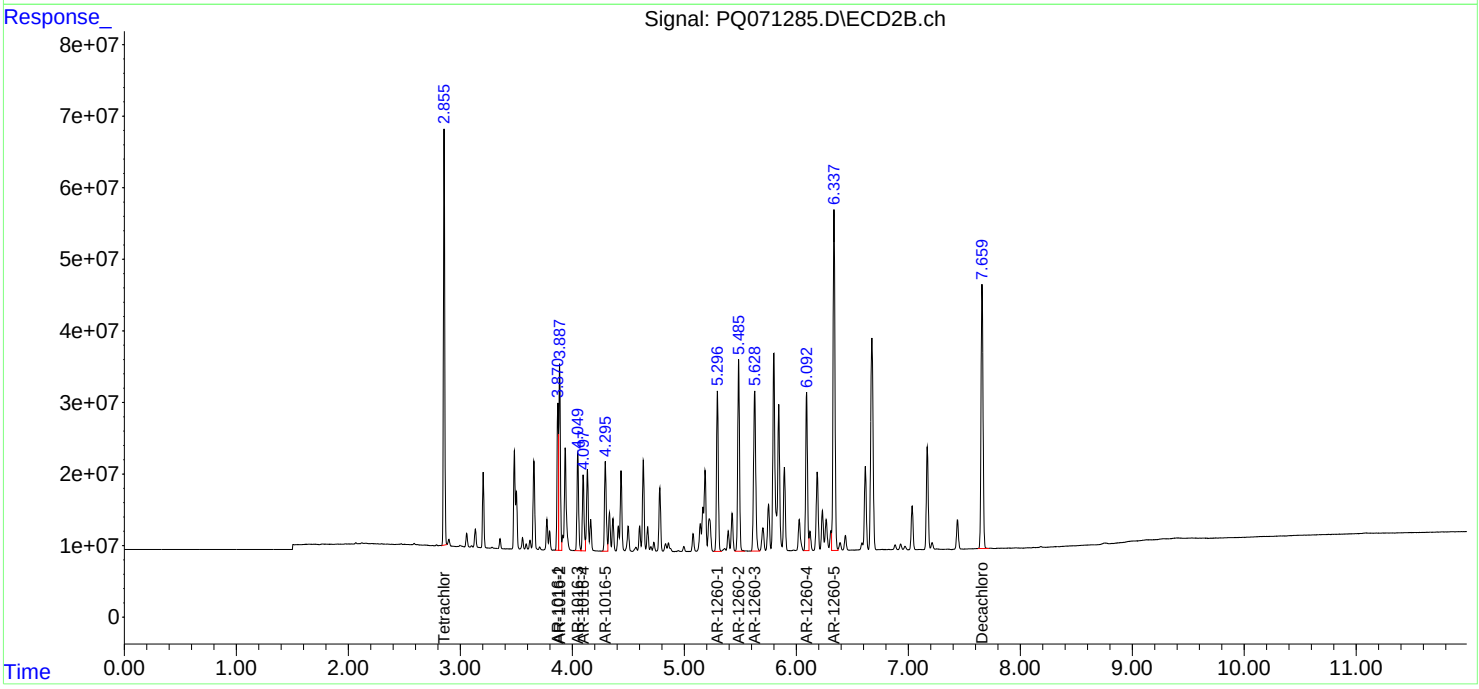
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 18:07
Operator : YP\AJ
Sample : PQ111825ICV500
Misc :
ALS Vial : 114 Sample Multiplier: 1

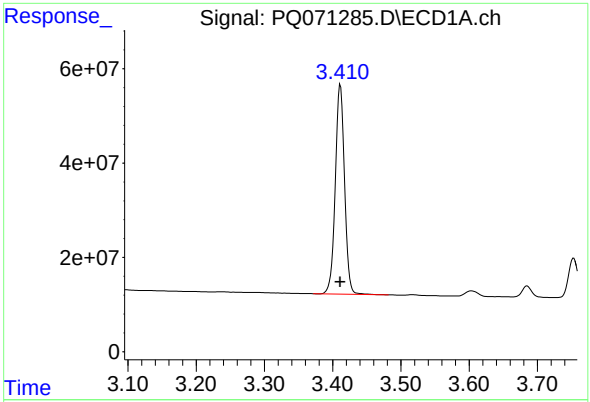
Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825

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



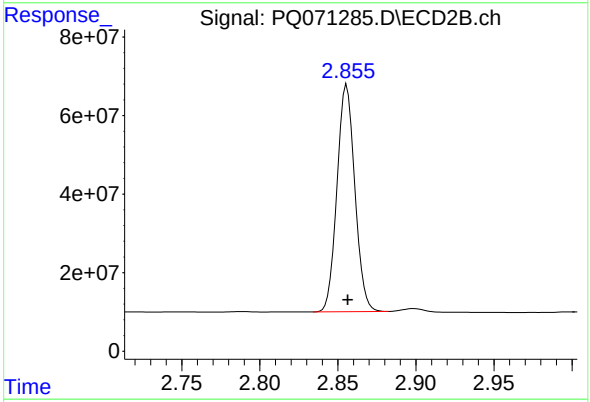




#1 Tetrachloro-m-xylene

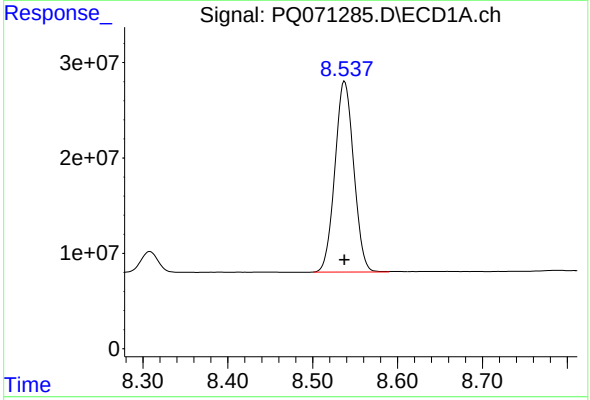
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 418345287
Conc: 48.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



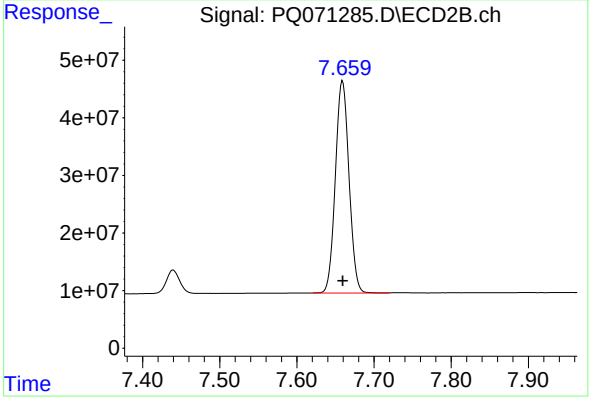
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 459723605
Conc: 49.24 ng/ml



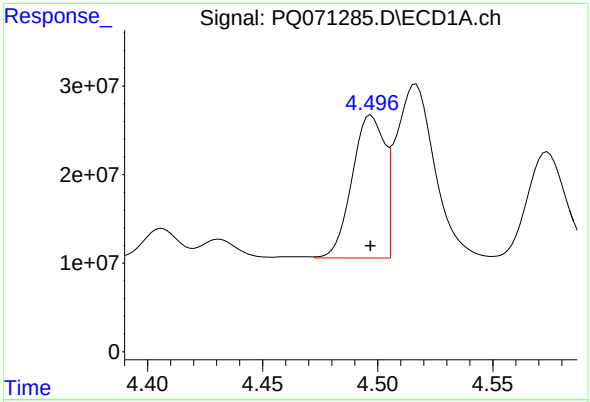
#2 Decachlorobiphenyl

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 307731551
Conc: 49.15 ng/ml



#2 Decachlorobiphenyl

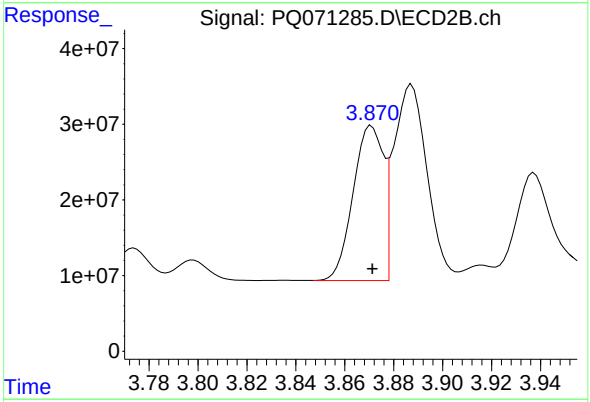
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 452743205
Conc: 49.55 ng/ml



#3 AR-1016-1

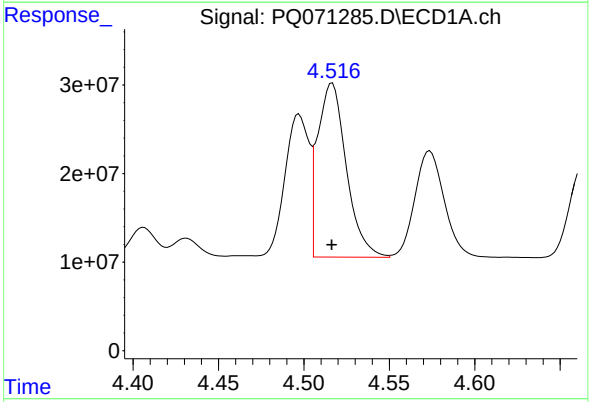
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 158473831
Conc: 479.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



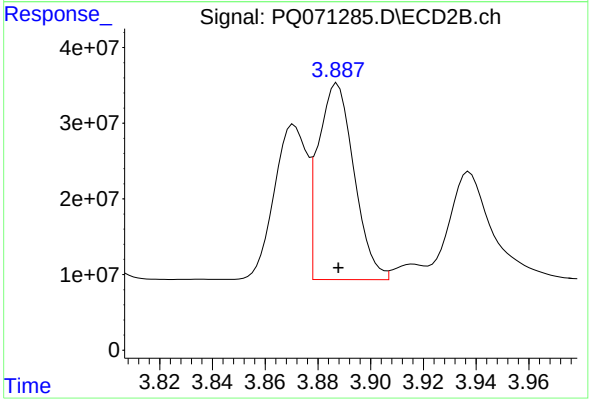
#3 AR-1016-1

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 175679180
Conc: 485.14 ng/ml



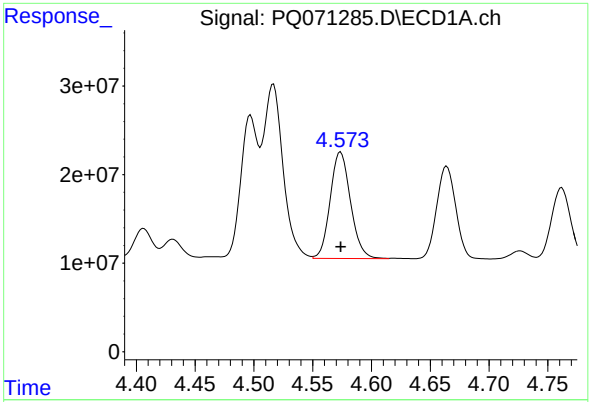
#4 AR-1016-2

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 229336158
Conc: 482.18 ng/ml



#4 AR-1016-2

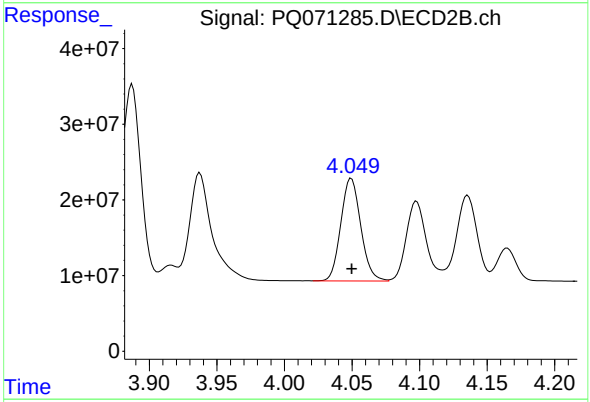
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 245119644
Conc: 499.04 ng/ml



#5 AR-1016-3

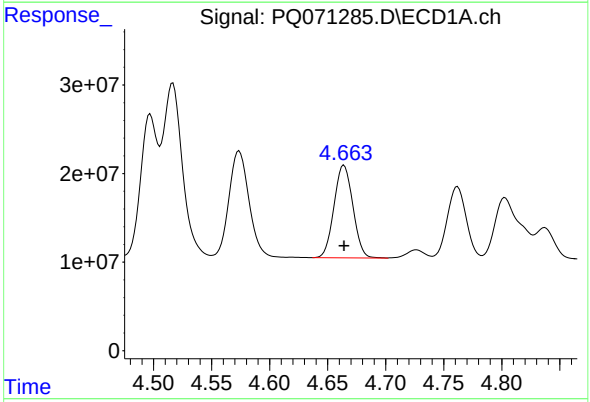
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 144697959
Conc: 484.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



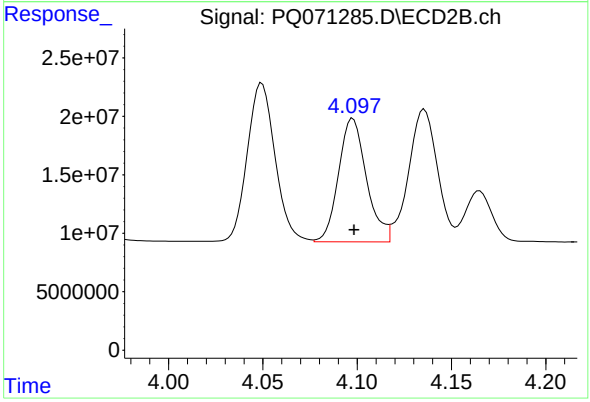
#5 AR-1016-3

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 139598085
Conc: 502.17 ng/ml



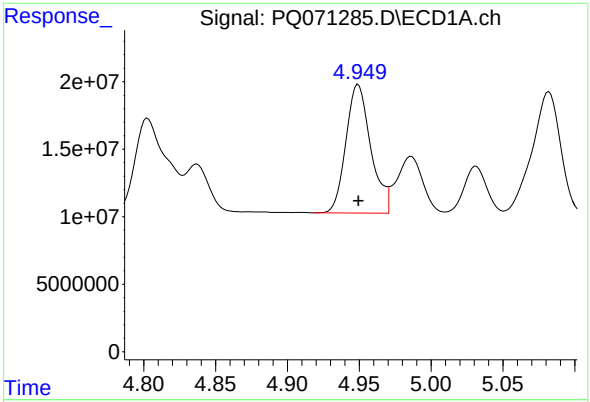
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 118414335
Conc: 482.25 ng/ml



#6 AR-1016-4

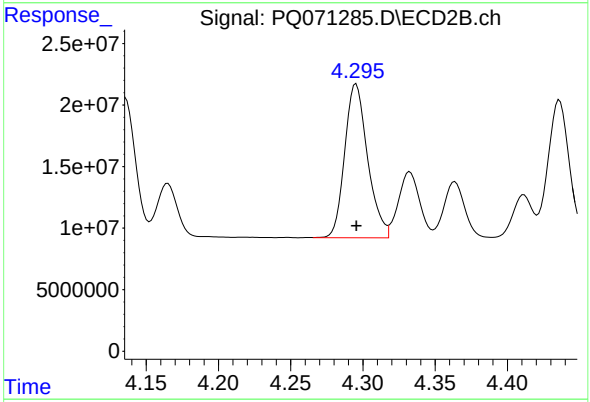
R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 109143697
Conc: 486.71 ng/ml



#7 AR-1016-5

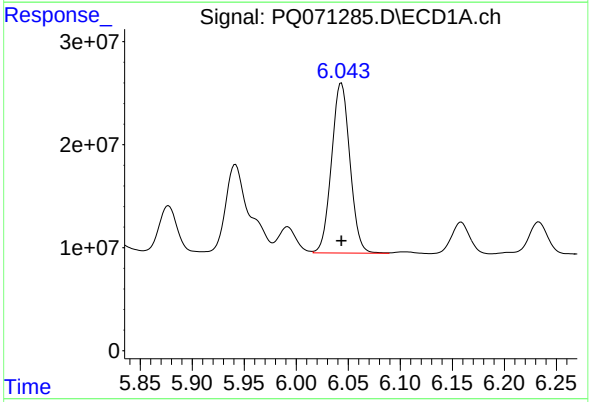
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 114527229
Conc: 484.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



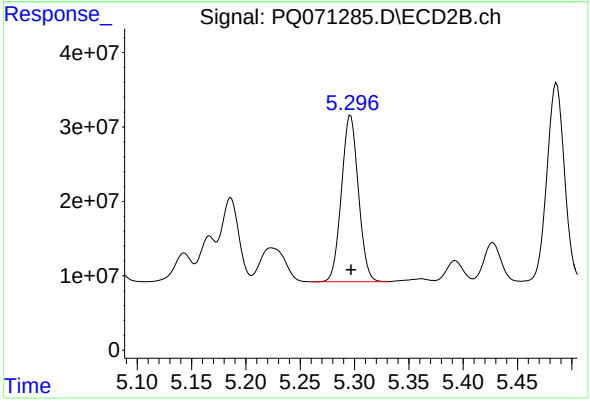
#7 AR-1016-5

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 137572974
Conc: 493.86 ng/ml



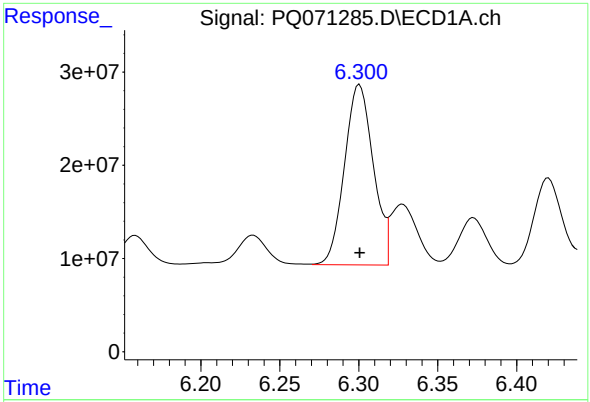
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 203432707
Conc: 454.60 ng/ml



#31 AR-1260-1

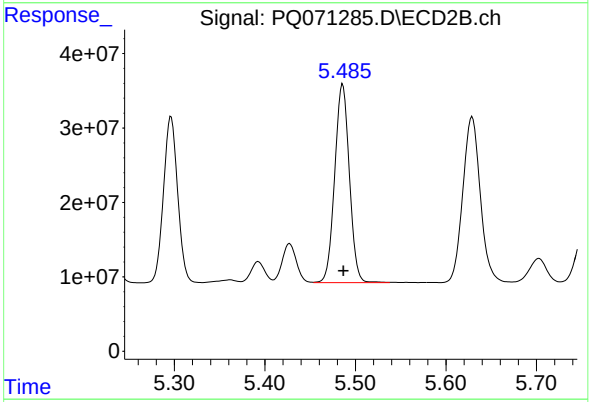
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 242776509
Conc: 486.60 ng/ml



#32 AR-1260-2

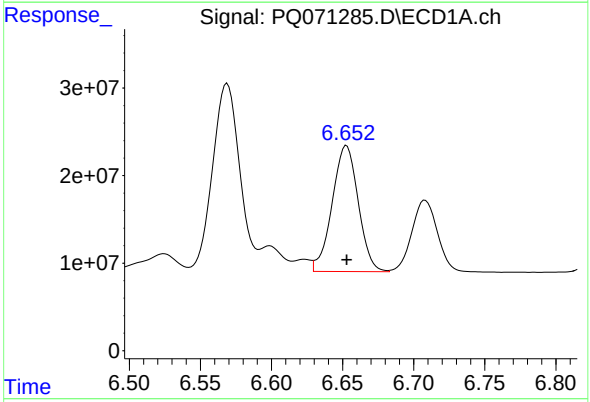
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 245507472
Conc: 480.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



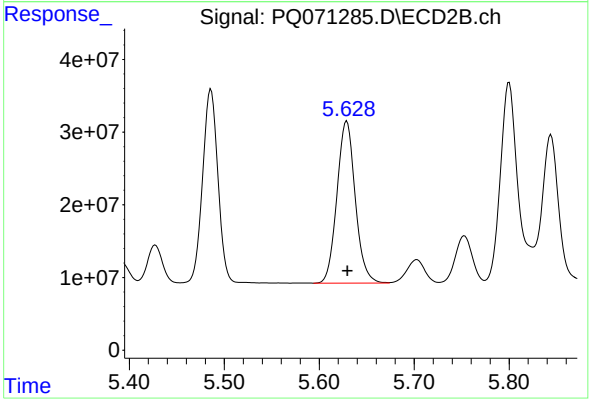
#32 AR-1260-2

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 300217800
Conc: 495.10 ng/ml



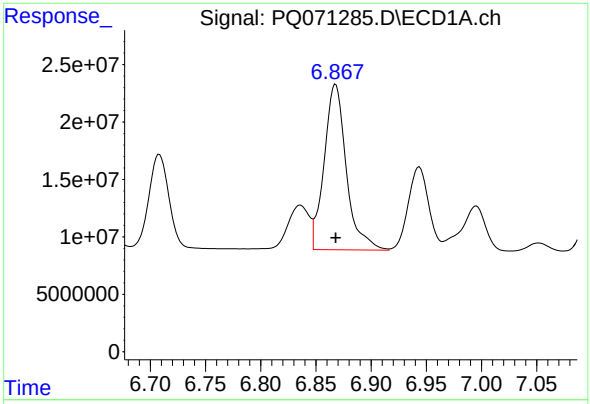
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 183973381
Conc: 480.68 ng/ml



#33 AR-1260-3

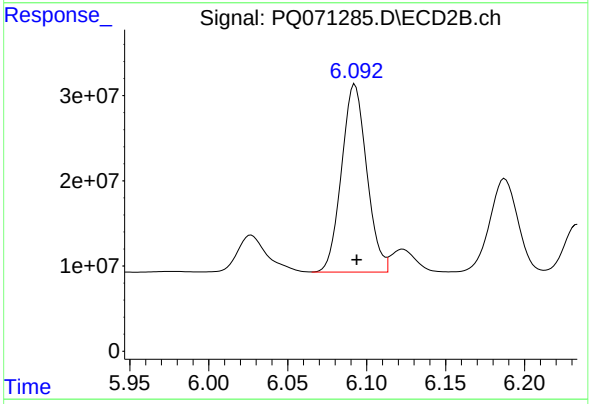
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 298859113
Conc: 505.53 ng/ml



#34 AR-1260-4

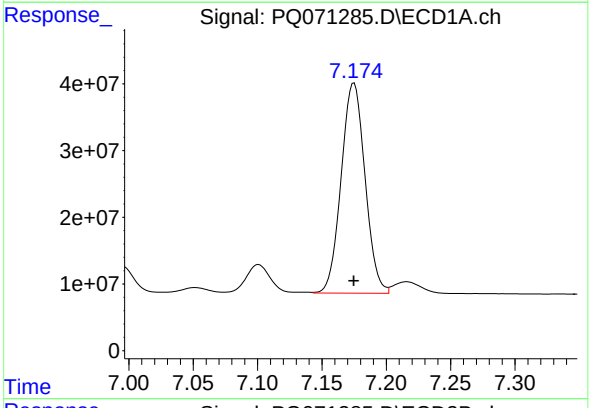
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 201724477
Conc: 482.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ111825



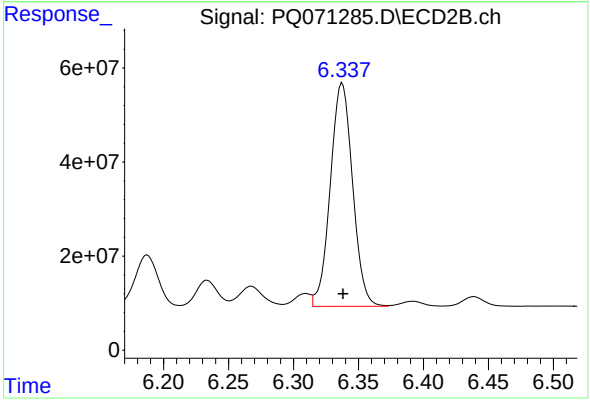
#34 AR-1260-4

R.T.: 6.093 min
Delta R.T.: -0.001 min
Response: 244717116
Conc: 494.00 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 406808770
Conc: 488.81 ng/ml



#35 AR-1260-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 567338905
Conc: 494.07 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	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	0.01

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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	0.00
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

Alliance TECHNICAL GROUP

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071386.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	498.980	500.000	-0.2
Aroclor-1016-2	4.515	4.416	4.616	508.670	500.000	1.7
Aroclor-1016-3	4.573	4.474	4.674	499.070	500.000	-0.2
Aroclor-1016-4	4.662	4.564	4.764	501.940	500.000	0.4
Aroclor-1016-5	4.948	4.849	5.049	508.280	500.000	1.7
Aroclor-1260-1	6.041	5.943	6.143	498.250	500.000	-0.4
Aroclor-1260-2	6.299	6.200	6.400	527.510	500.000	5.5
Aroclor-1260-3	6.651	6.552	6.752	510.080	500.000	2.0
Aroclor-1260-4	6.866	6.767	6.967	508.410	500.000	1.7
Aroclor-1260-5	7.173	7.075	7.275	511.880	500.000	2.4
Decachlorobiphenyl	8.535	8.437	8.637	45.540	50.000	-8.9
Tetrachloro-m-xylene	3.410	3.311	3.511	48.410	50.000	-3.2

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071386.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.869	3.771	3.971	568.610	500.000	13.7
Aroclor-1016-2	3.885	3.788	3.988	588.480	500.000	17.7
Aroclor-1016-3	4.047	3.950	4.150	573.060	500.000	14.6
Aroclor-1016-4	4.096	3.998	4.198	564.620	500.000	12.9
Aroclor-1016-5	4.293	4.195	4.395	579.110	500.000	15.8
Aroclor-1260-1	5.293	5.197	5.397	572.640	500.000	14.5
Aroclor-1260-2	5.483	5.386	5.586	574.360	500.000	14.9
Aroclor-1260-3	5.625	5.530	5.730	572.030	500.000	14.4
Aroclor-1260-4	6.090	5.993	6.193	595.810	500.000	19.2
Aroclor-1260-5	6.335	6.238	6.438	581.270	500.000	16.3
Decachlorobiphenyl	7.655	7.559	7.759	53.590	50.000	7.2
Tetrachloro-m-xylene	2.854	2.756	2.956	54.590	50.000	9.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:54 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	421.4E6	509.7E6	48.411	54.594
2)	SA Decachlor...	8.535	7.655	285.1E6	489.7E6	45.536	53.594
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.869	164.9E6	205.9E6	498.979	568.611
4)	L1 AR-1016-2	4.515	3.885	241.9E6	289.0E6	508.666	588.478
5)	L1 AR-1016-3	4.573	4.047	149.0E6	159.3E6	499.073	573.064
6)	L1 AR-1016-4	4.662	4.096	123.2E6	126.6E6	501.936	564.619
7)	L1 AR-1016-5	4.948	4.293	120.2E6	161.3E6	508.278	579.112
31)	L7 AR-1260-1	6.041	5.293	223.0E6	285.7E6	498.246	572.645m
32)	L7 AR-1260-2	6.299	5.483	269.5E6	348.3E6	527.509	574.362m
33)	L7 AR-1260-3	6.651	5.625	195.2E6	338.2E6	510.083	572.029m
34)	L7 AR-1260-4	6.866	6.090	212.6E6	295.2E6	508.411	595.812
35)	L7 AR-1260-5	7.173	6.335	426.0E6	667.5E6	511.885	581.275

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 19:49
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

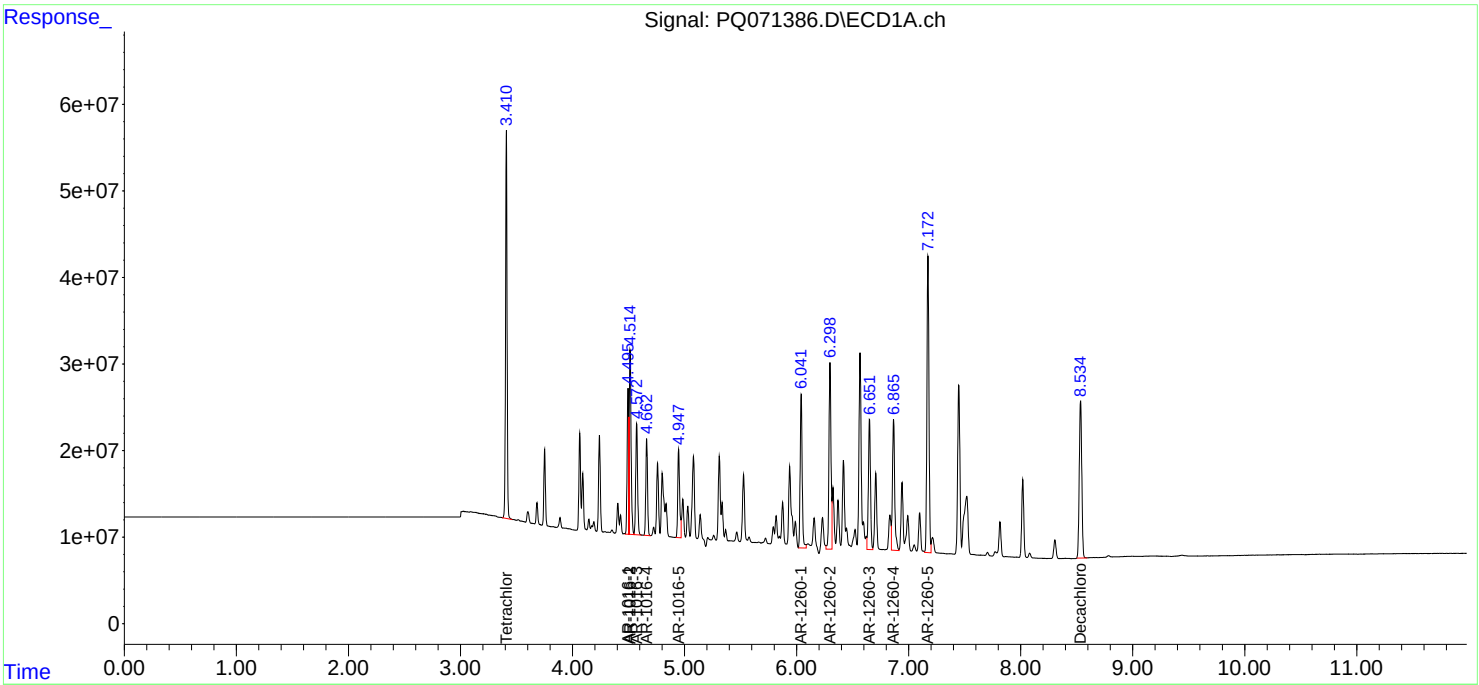
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

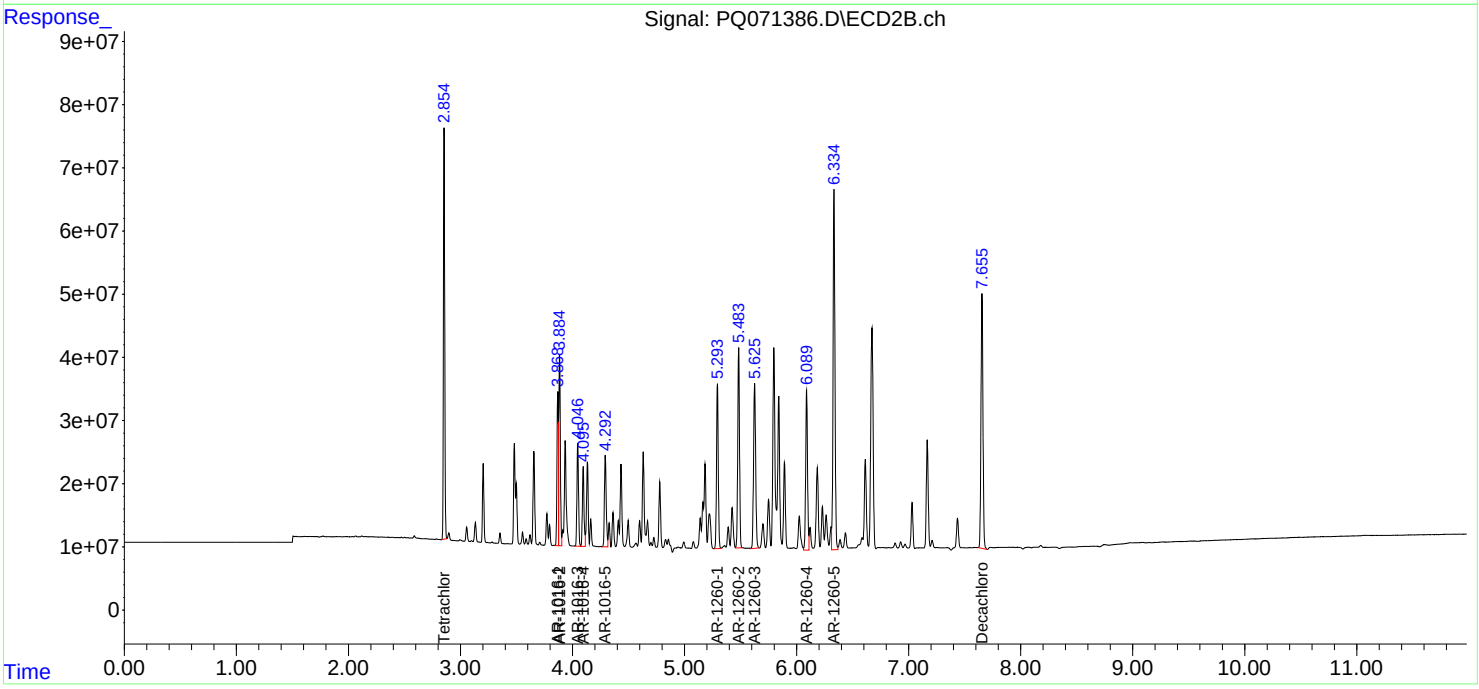
Manual Integrations APPROVED

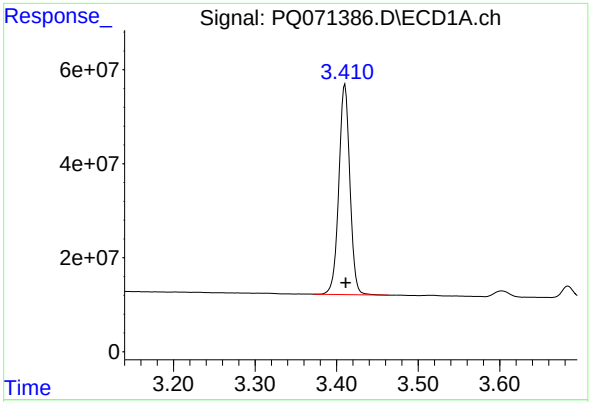
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:46:54 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







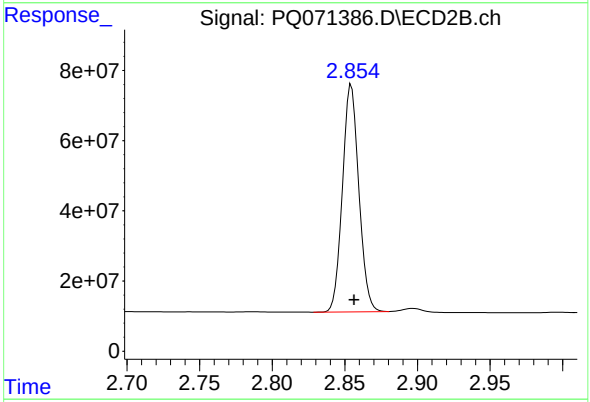
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 421422046
Conc: 48.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

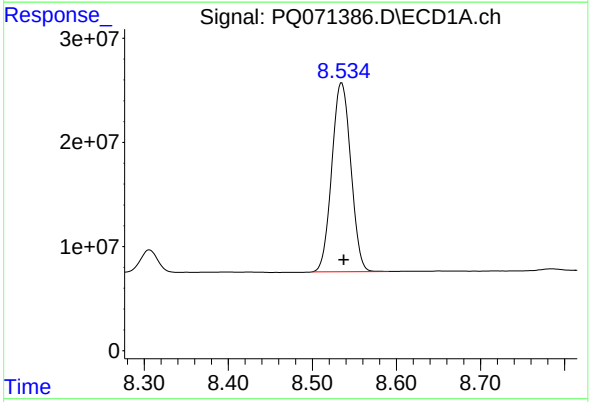
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



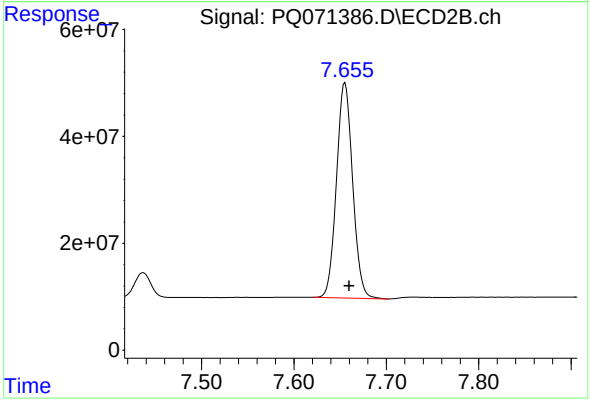
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 509725858
Conc: 54.59 ng/ml



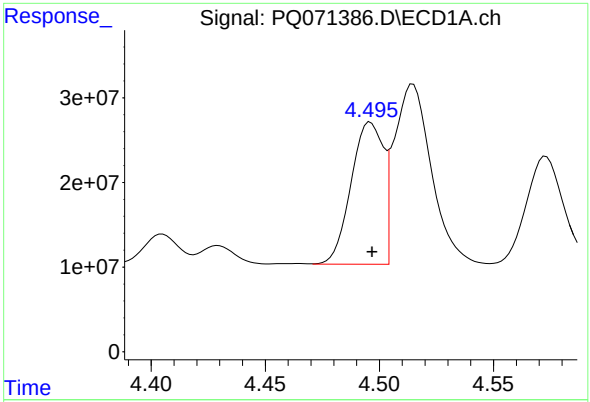
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 285125670
Conc: 45.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 489726320
Conc: 53.59 ng/ml



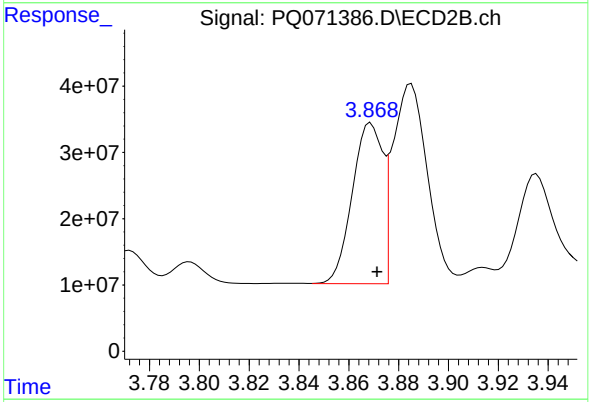
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 164937386
Conc: 498.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

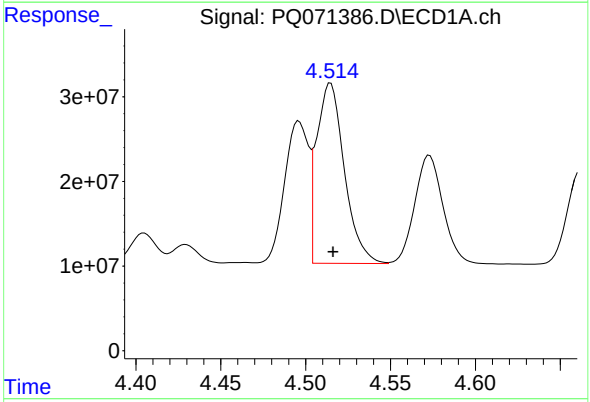
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



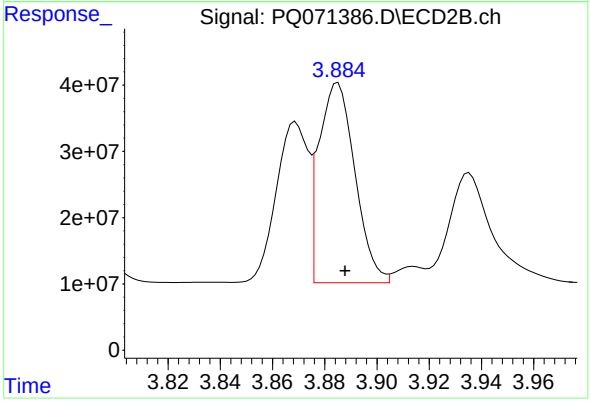
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 205907281
Conc: 568.61 ng/ml



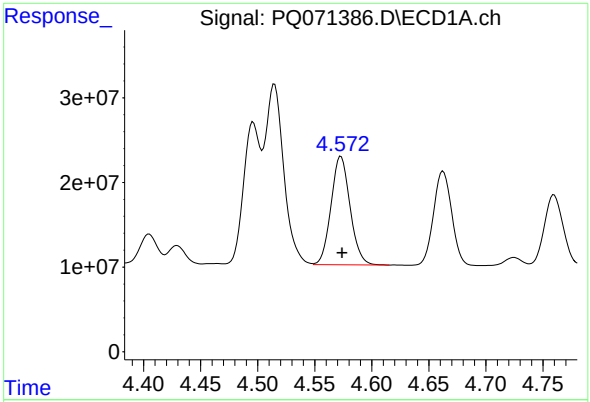
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 241931893
Conc: 508.67 ng/ml



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 289049851
Conc: 588.48 ng/ml



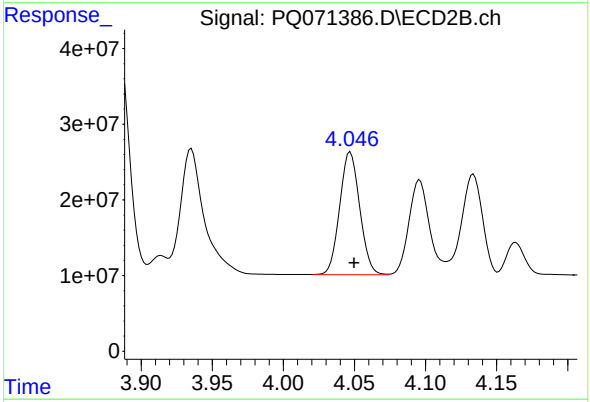
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 148952548
Conc: 499.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

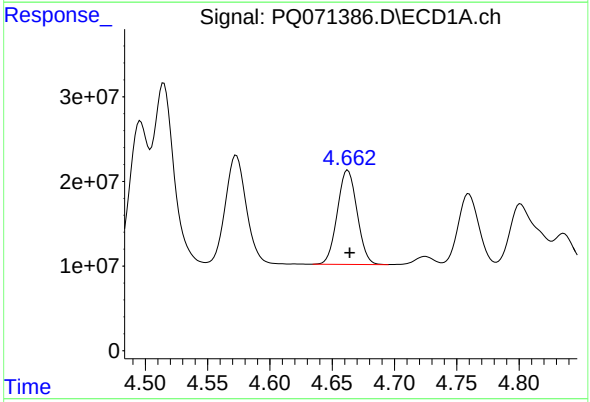
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



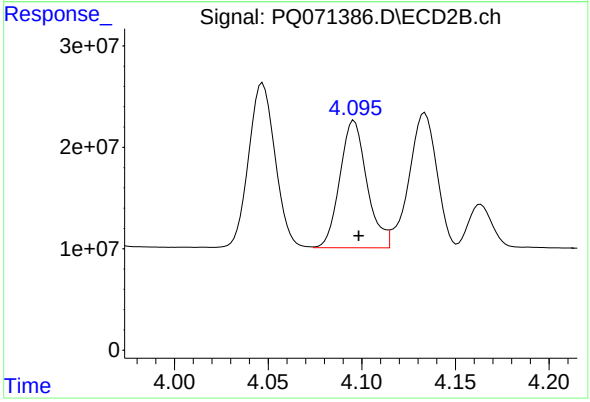
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 159306978
Conc: 573.06 ng/ml



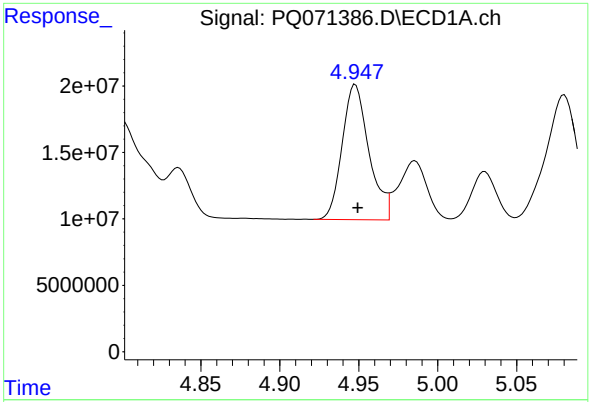
#6 AR-1016-4

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 123248933
Conc: 501.94 ng/ml



#6 AR-1016-4

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 126614797
Conc: 564.62 ng/ml



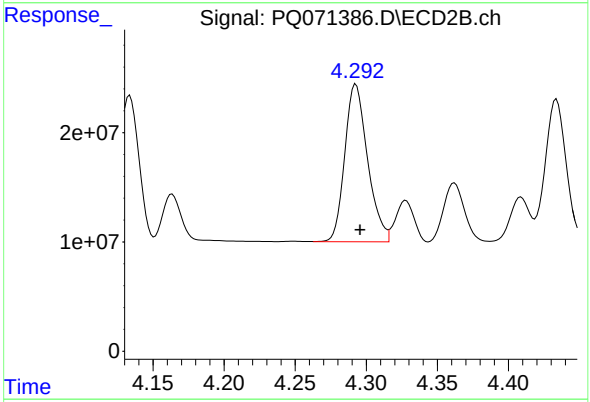
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 120164358
Conc: 508.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

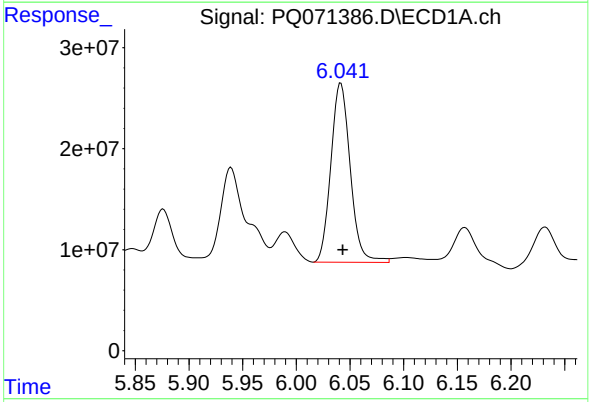
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



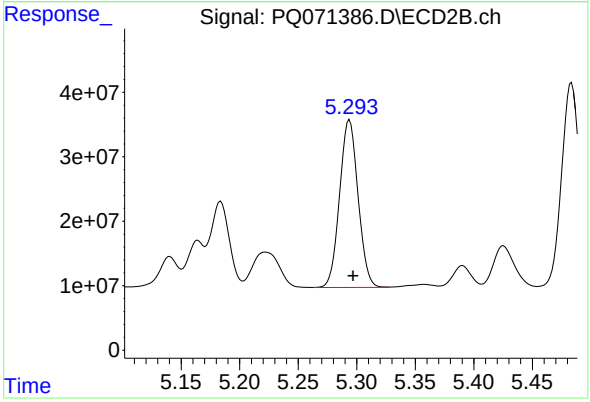
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 161322004
Conc: 579.11 ng/ml



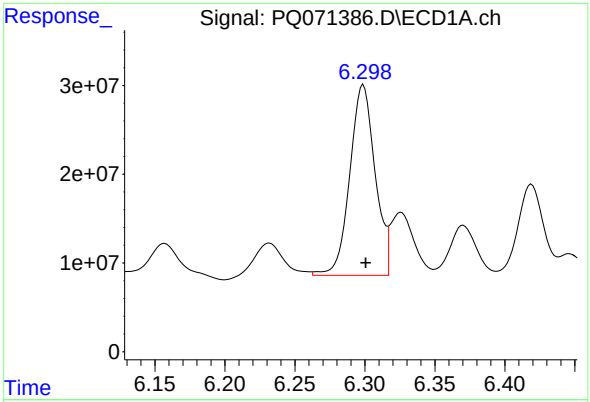
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 222963444
Conc: 498.25 ng/ml



#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 285707937
Conc: 572.64 ng/ml m



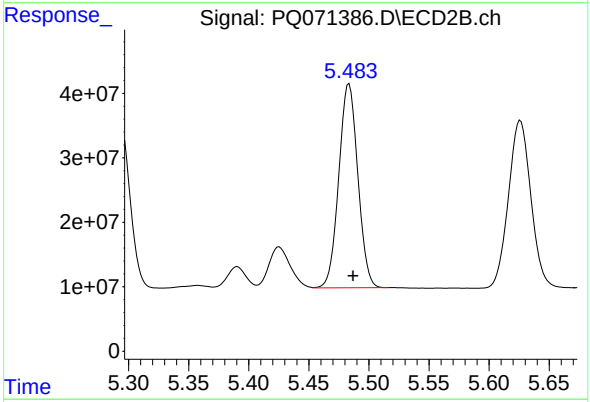
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 269511583
Conc: 527.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

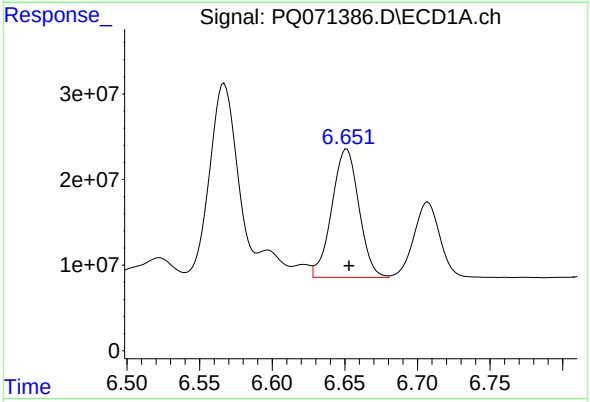
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



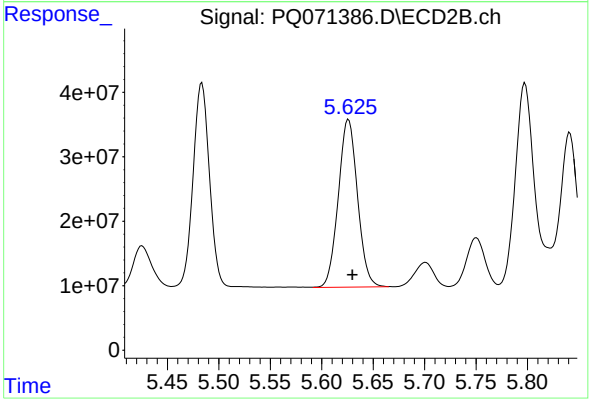
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 348279346
Conc: 574.36 ng/ml m



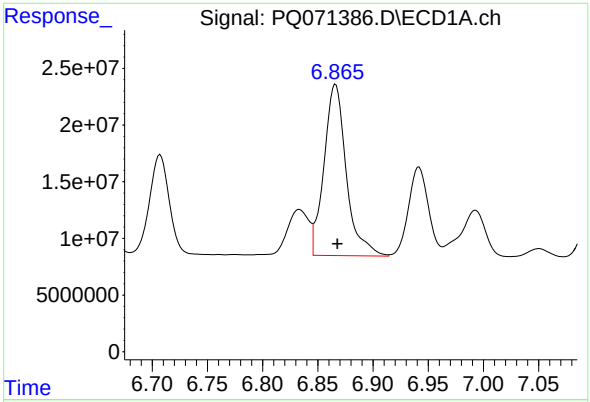
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 195225906
Conc: 510.08 ng/ml



#33 AR-1260-3

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 338174337
Conc: 572.03 ng/ml m



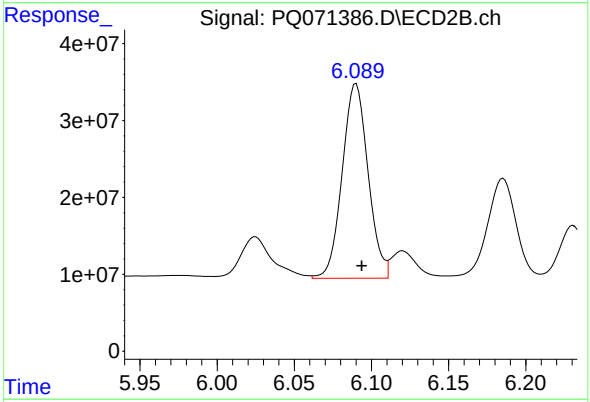
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 212589275
Conc: 508.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

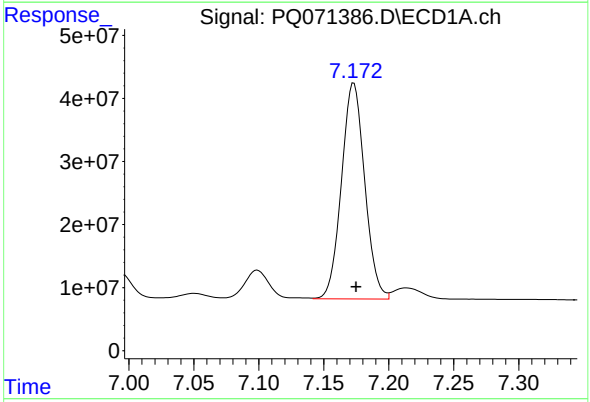
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



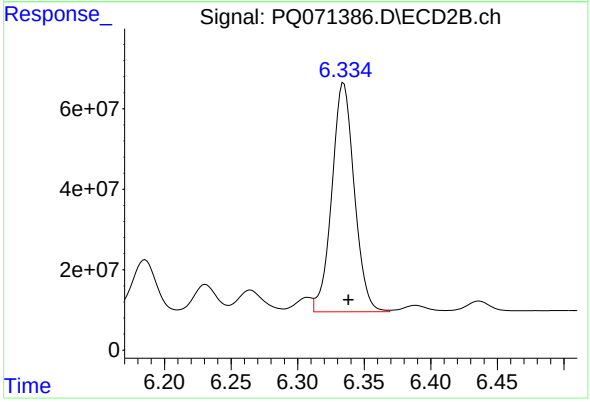
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 295152609
Conc: 595.81 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 426009974
Conc: 511.88 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 667469686
Conc: 581.27 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 23:57 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	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	0.01

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.:** Q3672

Continuing Calib Date: 11/20/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 23:57 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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

Alliance TECHNICAL GROUP

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071398.D **Time Analyzed:** 23:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	509.320	500.000	1.9
Aroclor-1016-2	4.515	4.416	4.616	516.580	500.000	3.3
Aroclor-1016-3	4.573	4.474	4.674	517.880	500.000	3.6
Aroclor-1016-4	4.663	4.564	4.764	502.710	500.000	0.5
Aroclor-1016-5	4.948	4.849	5.049	511.080	500.000	2.2
Aroclor-1260-1	6.042	5.943	6.143	498.240	500.000	-0.4
Aroclor-1260-2	6.299	6.200	6.400	518.460	500.000	3.7
Aroclor-1260-3	6.651	6.552	6.752	501.630	500.000	0.3
Aroclor-1260-4	6.866	6.767	6.967	502.840	500.000	0.6
Aroclor-1260-5	7.173	7.075	7.275	509.510	500.000	1.9
Decachlorobiphenyl	8.535	8.437	8.637	44.750	50.000	-10.5
Tetrachloro-m-xylene	3.410	3.311	3.511	49.380	50.000	-1.2

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071398.D **Time Analyzed:** 23:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.869	3.771	3.971	588.090	500.000	17.6
Aroclor-1016-2	3.885	3.788	3.988	577.680	500.000	15.5
Aroclor-1016-3	4.046	3.950	4.150	596.890	500.000	19.4
Aroclor-1016-4	4.095	3.998	4.198	582.220	500.000	16.4
Aroclor-1016-5	4.292	4.195	4.395	587.310	500.000	17.5
Aroclor-1260-1	5.293	5.197	5.397	578.610	500.000	15.7
Aroclor-1260-2	5.482	5.386	5.586	578.950	500.000	15.8
Aroclor-1260-3	5.626	5.530	5.730	582.200	500.000	16.4
Aroclor-1260-4	6.089	5.993	6.193	581.900	500.000	16.4
Aroclor-1260-5	6.334	6.238	6.438	585.640	500.000	17.1
Decachlorobiphenyl	7.654	7.559	7.759	54.810	50.000	9.6
Tetrachloro-m-xylene	2.855	2.756	2.956	56.450	50.000	12.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 23:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:51:08 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	429.9E6	527.1E6	49.382	56.452
2)	SA Decachlor...	8.535	7.654	280.2E6	500.8E6	44.747	54.808
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.869	168.4E6	213.0E6	509.319	588.092
4)	L1 AR-1016-2	4.515	3.885	245.7E6	283.7E6	516.578	577.680m
5)	L1 AR-1016-3	4.573	4.046	154.6E6	165.9E6	517.877	596.886m
6)	L1 AR-1016-4	4.663	4.095	123.4E6	130.6E6	502.713	582.222
7)	L1 AR-1016-5	4.948	4.292	120.8E6	163.6E6	511.081	587.307m
31)	L7 AR-1260-1	6.042	5.293	223.0E6	288.7E6	498.242	578.610m
32)	L7 AR-1260-2	6.299	5.482	264.9E6	351.1E6	518.465	578.949m
33)	L7 AR-1260-3	6.651	5.626	192.0E6	344.2E6	501.634	582.195m
34)	L7 AR-1260-4	6.866	6.089	210.3E6	288.3E6	502.835	581.900m
35)	L7 AR-1260-5	7.173	6.334	424.0E6	672.5E6	509.513	585.643

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 23:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

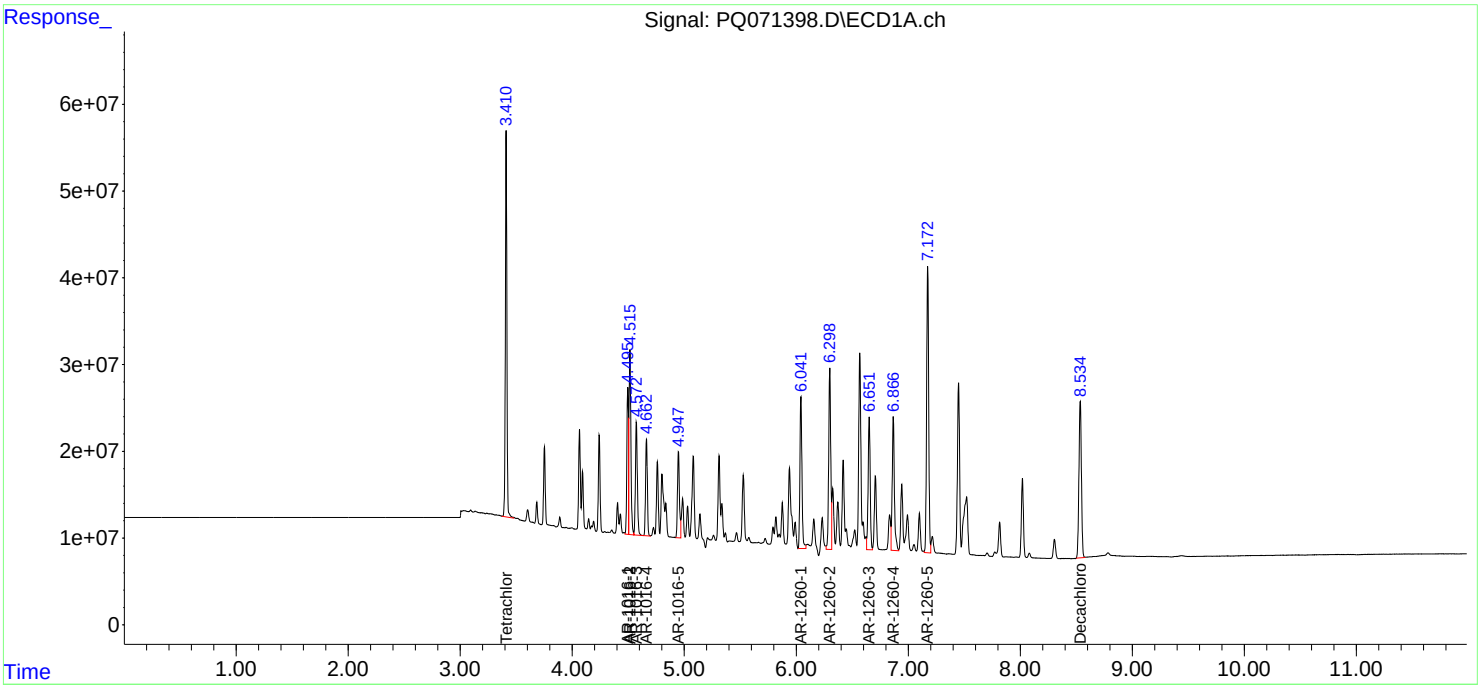
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

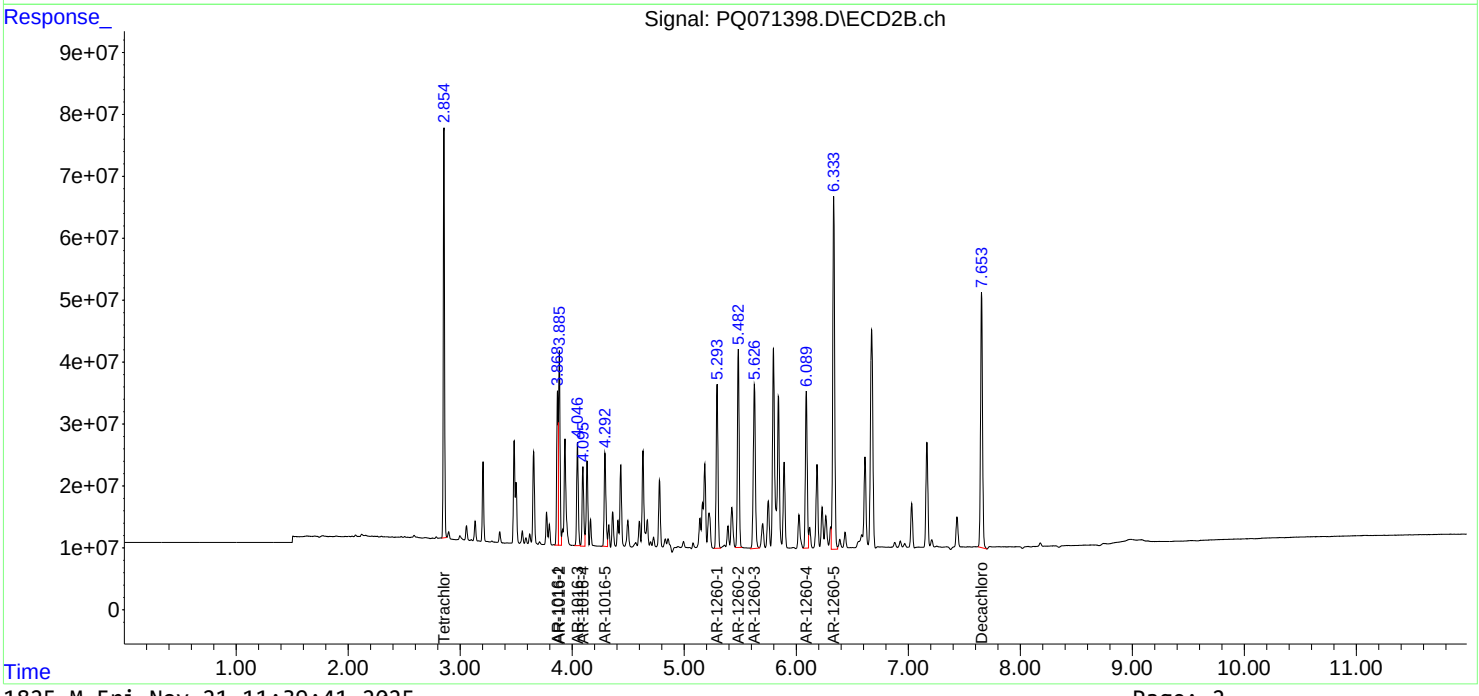
Manual Integrations APPROVED

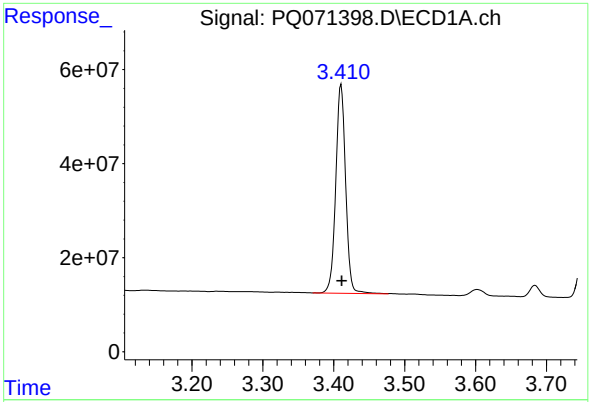
Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:51:08 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







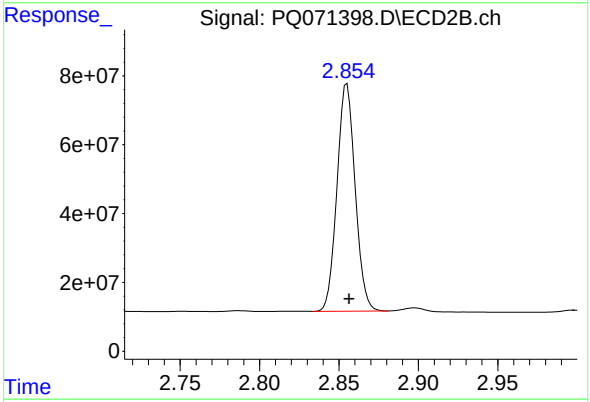
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 429875600
Conc: 49.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

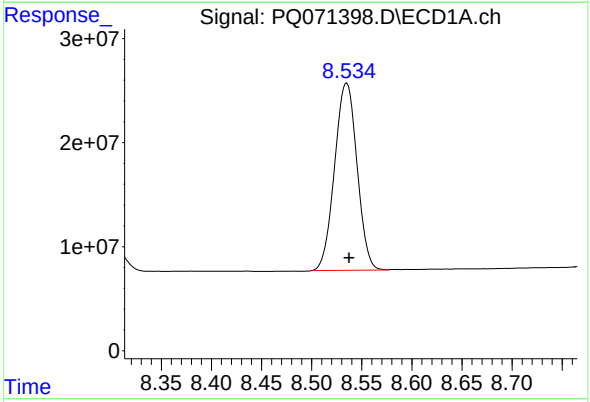
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



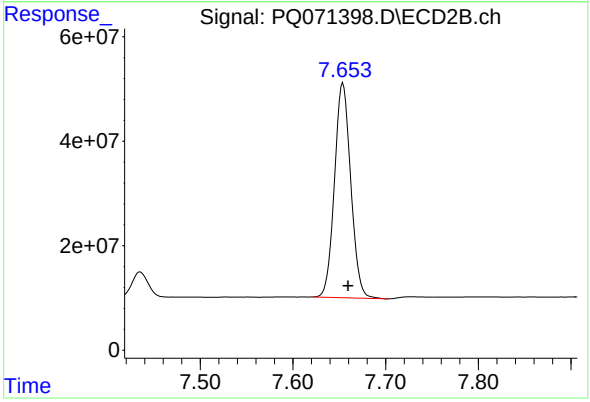
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 527073707
Conc: 56.45 ng/ml



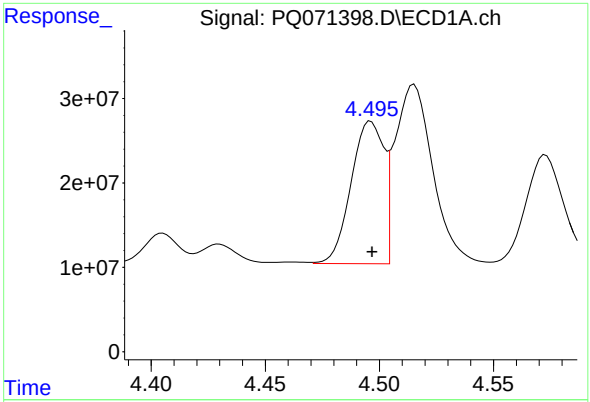
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 280185072
Conc: 44.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 500814197
Conc: 54.81 ng/ml



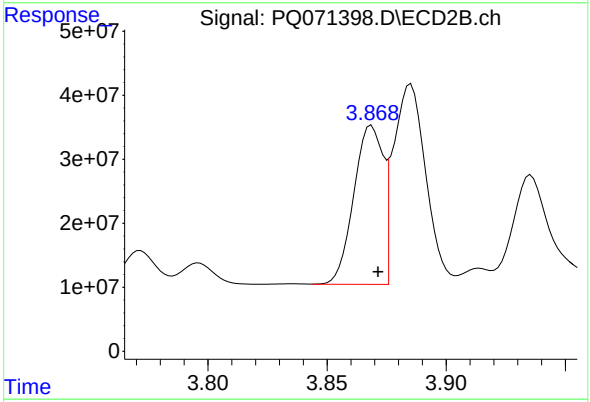
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 168355341
Conc: 509.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

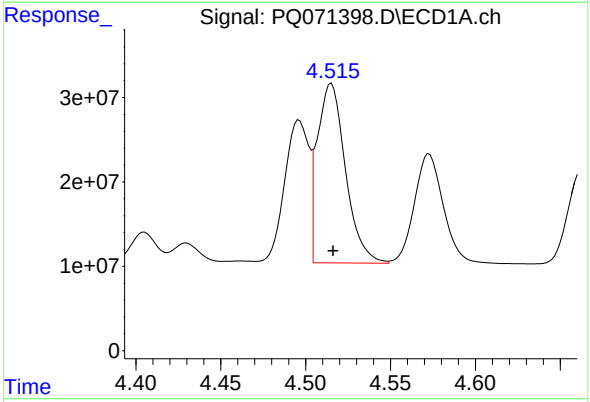
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



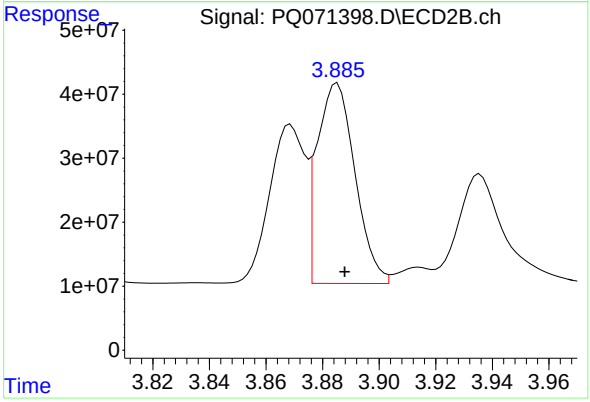
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 212961738
Conc: 588.09 ng/ml



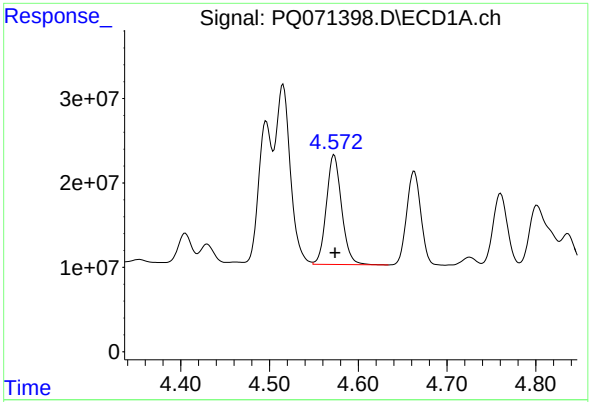
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 245694553
Conc: 516.58 ng/ml



#4 AR-1016-2

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 283745976
Conc: 577.68 ng/ml m



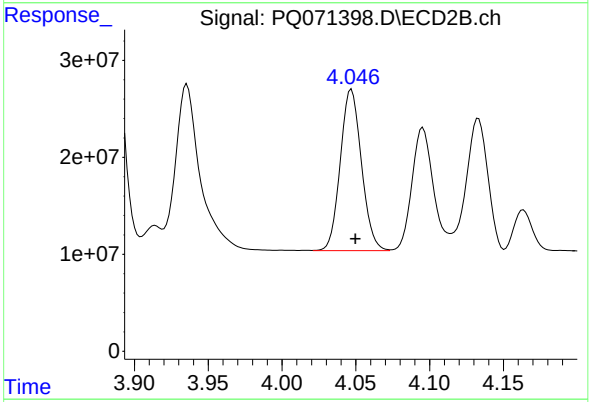
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 154564697
Conc: 517.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

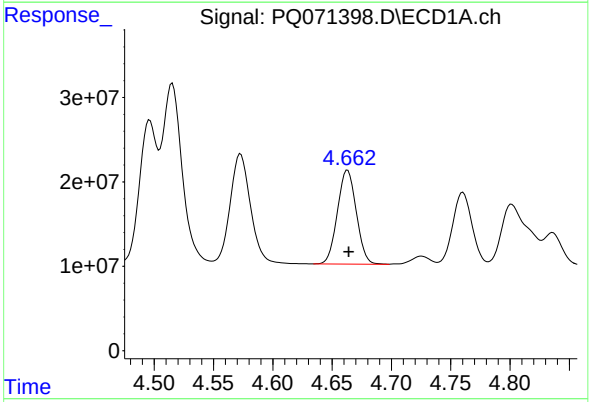
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



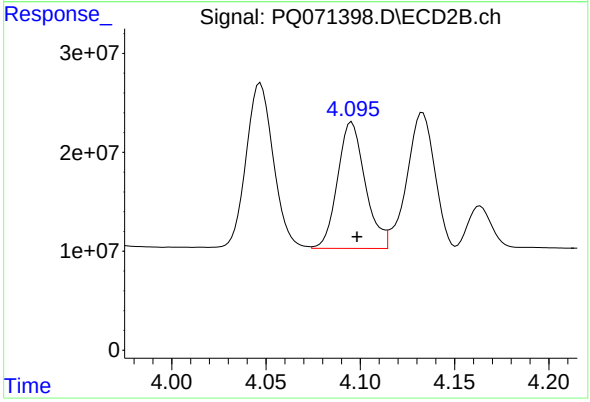
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 165929271
Conc: 596.89 ng/ml m



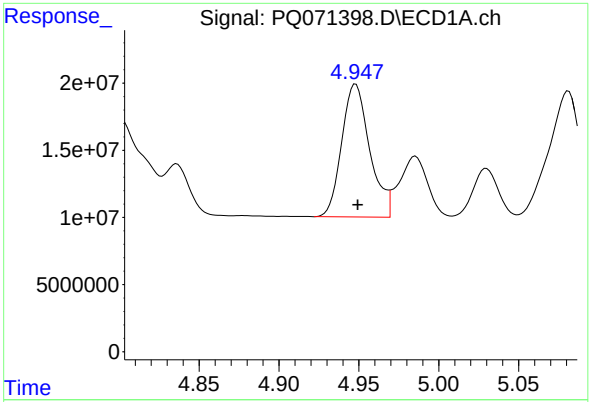
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 123439701
Conc: 502.71 ng/ml



#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 130562223
Conc: 582.22 ng/ml



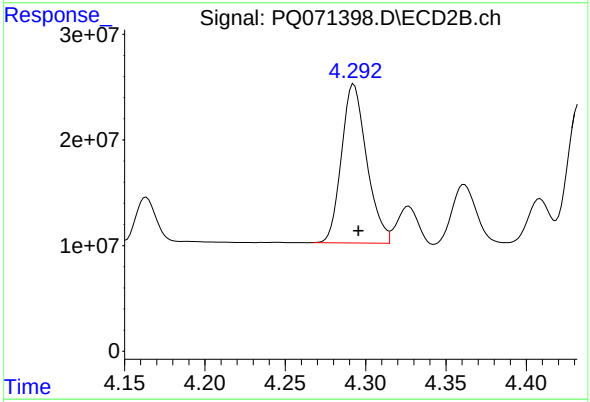
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 120827077
Conc: 511.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

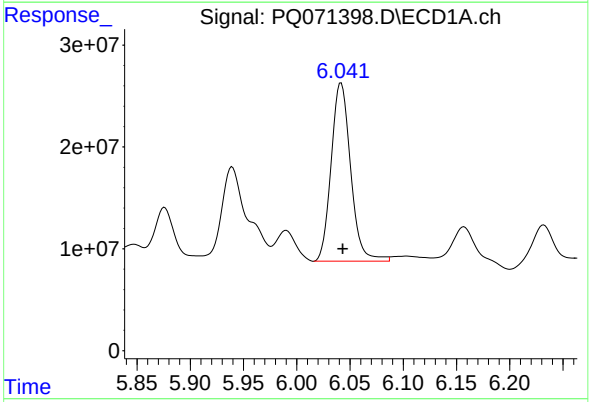
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



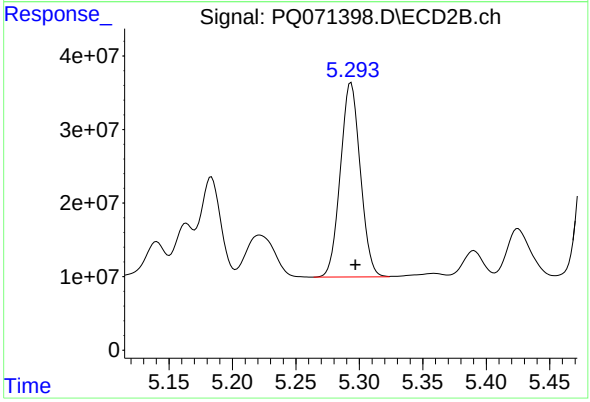
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 163604875
Conc: 587.31 ng/ml m



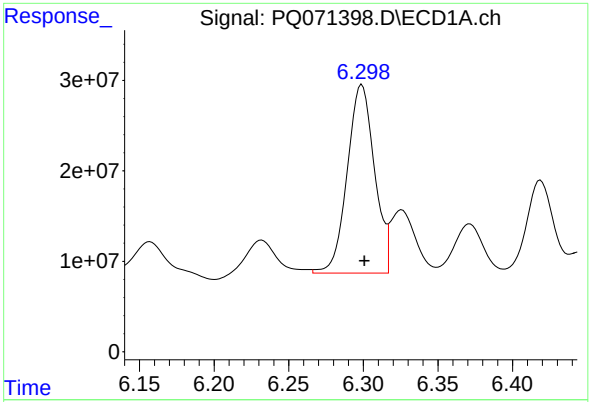
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 222962003
Conc: 498.24 ng/ml



#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 288683874
Conc: 578.61 ng/ml m



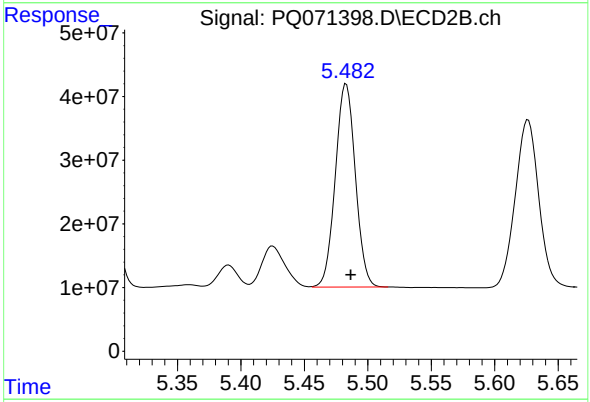
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 264890716
Conc: 518.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

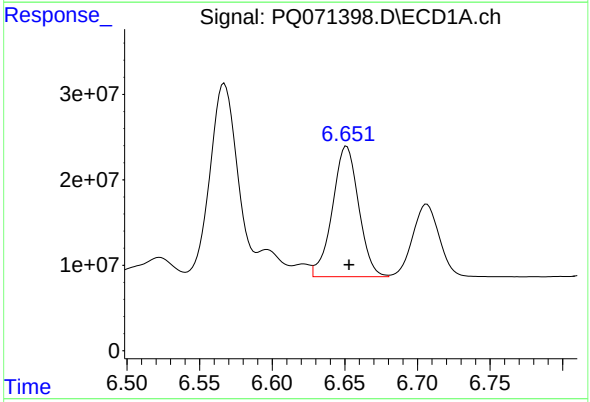
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



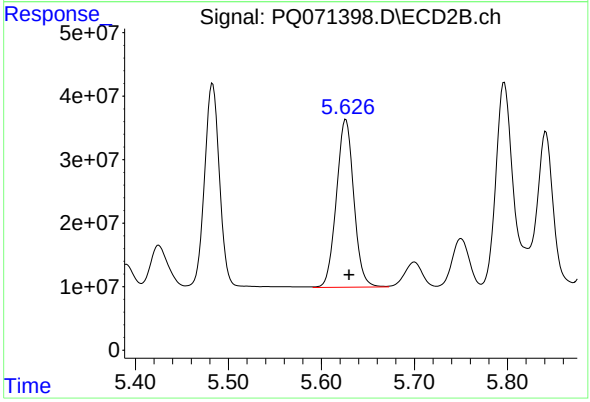
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 351060389
Conc: 578.95 ng/ml m



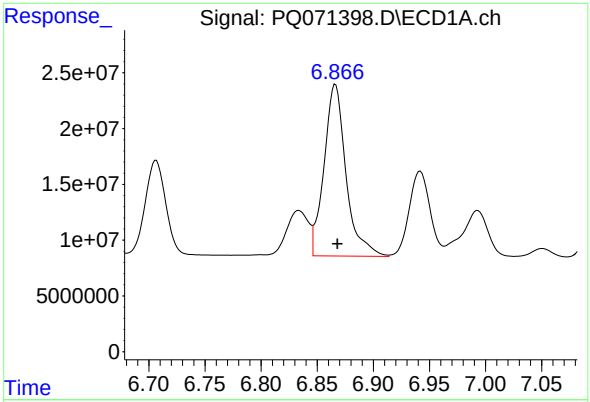
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 191992229
Conc: 501.63 ng/ml



#33 AR-1260-3

R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 344184696
Conc: 582.20 ng/ml m



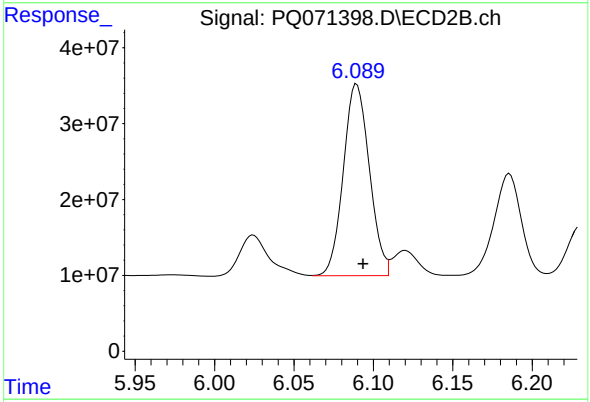
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 210257791
Conc: 502.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

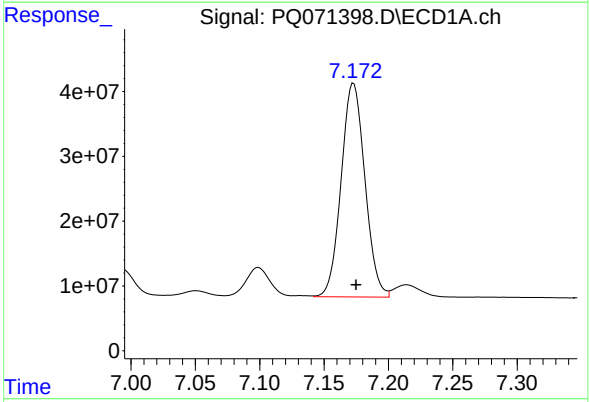
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/21/2025
Supervised By :mohammad ahmed 11/22/2025



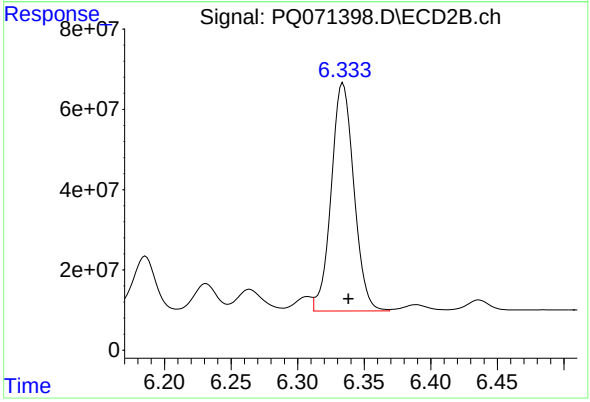
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 288261162
Conc: 581.90 ng/ml m



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 424035629
Conc: 509.51 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 672485608
Conc: 585.64 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.:** Q3672

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 04:33 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	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

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 04:33 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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

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.:** Q3672

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 :** PQ071410.D **Time Analyzed:** 04:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.497	4.397	4.597	445.840	500.000	-10.8
Aroclor-1016-2	4.516	4.416	4.616	434.950	500.000	-13.0
Aroclor-1016-3	4.573	4.474	4.674	430.870	500.000	-13.8
Aroclor-1016-4	4.663	4.564	4.764	437.750	500.000	-12.5
Aroclor-1016-5	4.949	4.849	5.049	443.520	500.000	-11.3
Aroclor-1260-1	6.042	5.943	6.143	408.020	500.000	-18.4
Aroclor-1260-2	6.299	6.200	6.400	429.850	500.000	-14.0
Aroclor-1260-3	6.652	6.552	6.752	426.380	500.000	-14.7
Aroclor-1260-4	6.866	6.767	6.967	431.540	500.000	-13.7
Aroclor-1260-5	7.174	7.075	7.275	427.990	500.000	-14.4
Decachlorobiphenyl	8.535	8.437	8.637	41.280	50.000	-17.4
Tetrachloro-m-xylene	3.411	3.311	3.511	44.600	50.000	-10.8

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.:** Q3672

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 :** PQ071410.D **Time Analyzed:** 04:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	513.860	500.000	2.8
Aroclor-1016-2	3.885	3.788	3.988	520.150	500.000	4.0
Aroclor-1016-3	4.047	3.950	4.150	511.890	500.000	2.4
Aroclor-1016-4	4.095	3.998	4.198	504.220	500.000	0.8
Aroclor-1016-5	4.293	4.195	4.395	517.370	500.000	3.5
Aroclor-1260-1	5.293	5.197	5.397	500.850	500.000	0.2
Aroclor-1260-2	5.482	5.386	5.586	505.310	500.000	1.1
Aroclor-1260-3	5.626	5.530	5.730	503.460	500.000	0.7
Aroclor-1260-4	6.089	5.993	6.193	504.810	500.000	1.0
Aroclor-1260-5	6.334	6.238	6.438	499.360	500.000	-0.1
Decachlorobiphenyl	7.654	7.559	7.759	50.260	50.000	0.5
Tetrachloro-m-xylene	2.855	2.756	2.956	51.890	50.000	3.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 04:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:08:05 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	388.3E6	484.5E6	44.600	51.891
2)	SA Decachlor...	8.535	7.654	258.5E6	459.3E6	41.284	50.259
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.868	147.4E6	186.1E6	445.837	513.863
4)	L1 AR-1016-2	4.516	3.885	206.9E6	255.5E6	434.948	520.146
5)	L1 AR-1016-3	4.573	4.047	128.6E6	142.3E6	430.870	511.886
6)	L1 AR-1016-4	4.663	4.095	107.5E6	113.1E6	437.751	504.217
7)	L1 AR-1016-5	4.949	4.293	104.9E6	144.1E6	443.516	517.369
31)	L7 AR-1260-1	6.042	5.293	182.6E6	249.9E6	408.020	500.852
32)	L7 AR-1260-2	6.299	5.482	219.6E6	306.4E6	429.846	505.308
33)	L7 AR-1260-3	6.652	5.626	163.2E6	297.6E6	426.382	503.460
34)	L7 AR-1260-4	6.866	6.089	180.4E6	250.1E6	431.544	504.807
35)	L7 AR-1260-5	7.174	6.334	356.2E6	573.4E6	427.988	499.359

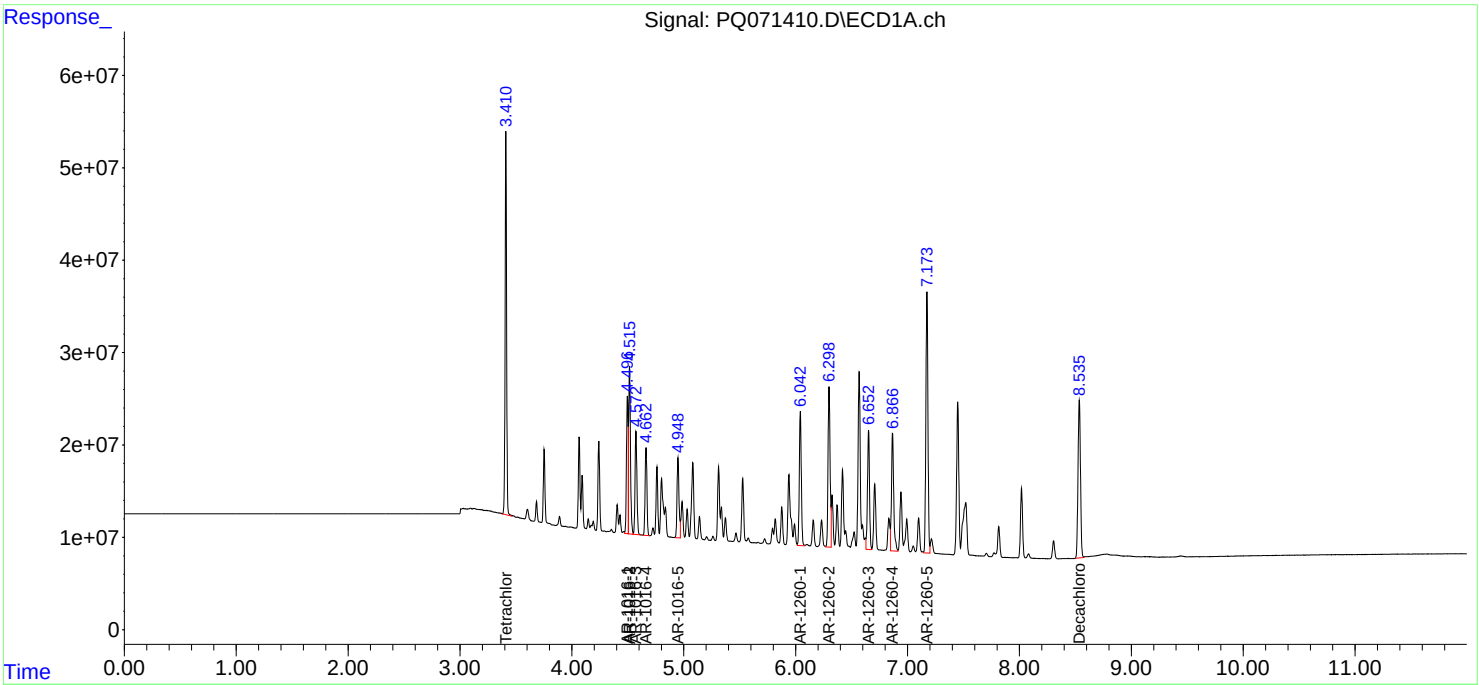
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

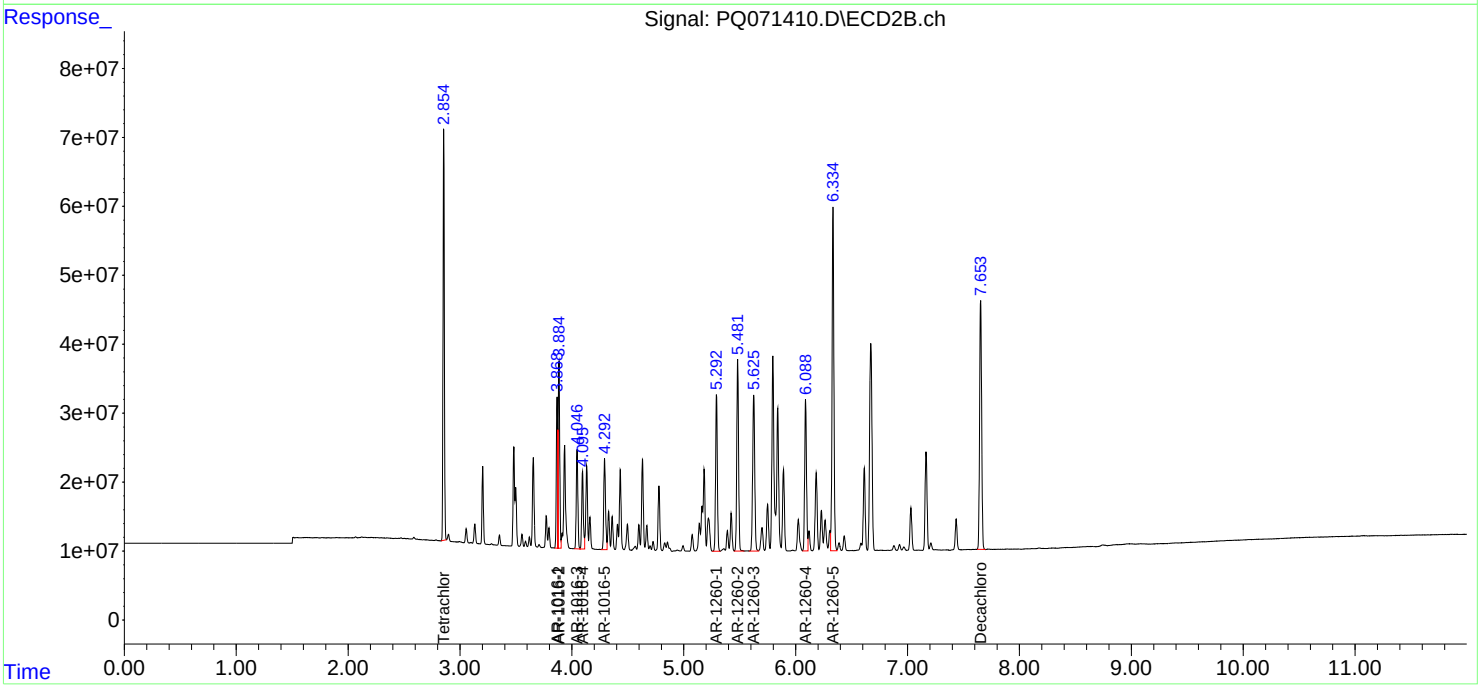
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 04:33
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

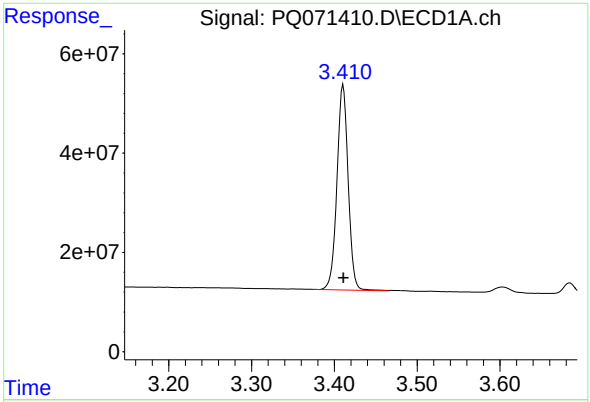
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:08:05 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



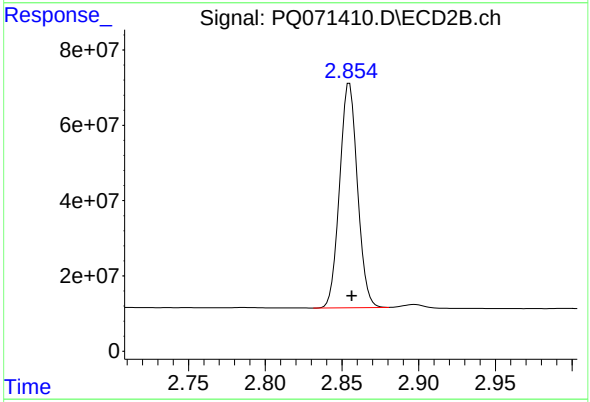




#1 Tetrachloro-m-xylene

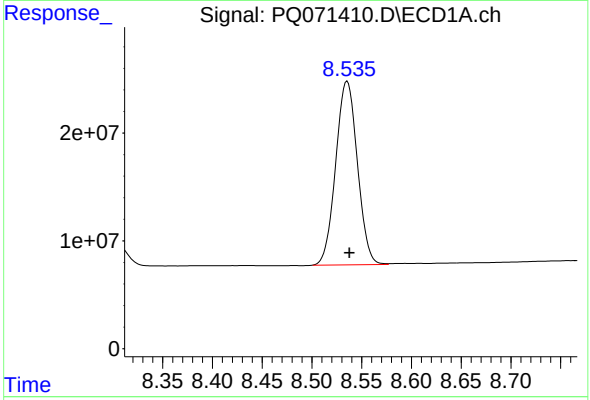
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 388252087
Conc: 44.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



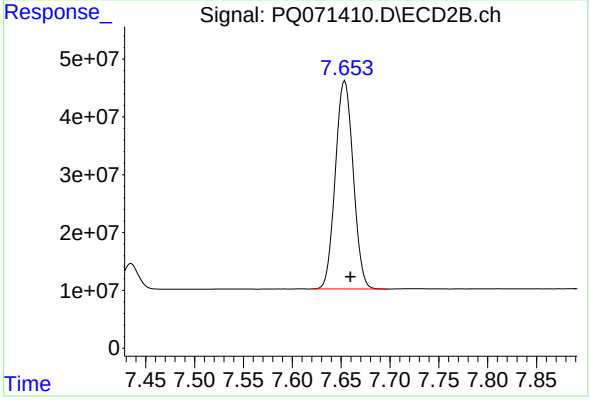
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 484488801
Conc: 51.89 ng/ml



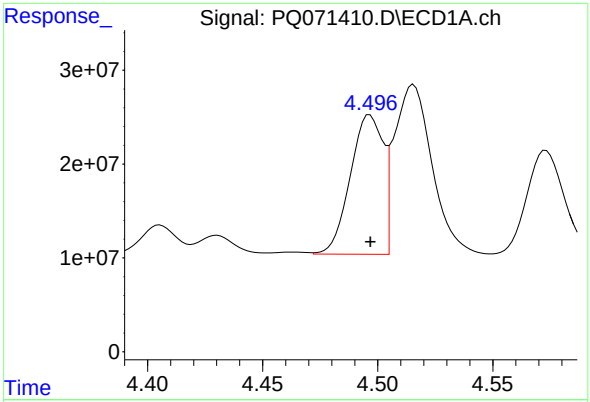
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 258498866
Conc: 41.28 ng/ml



#2 Decachlorobiphenyl

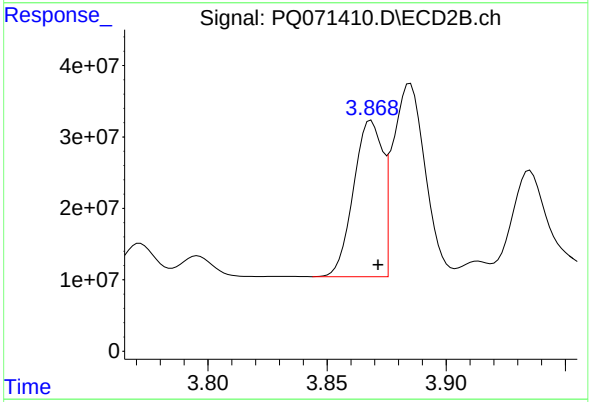
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 459251525
Conc: 50.26 ng/ml



#3 AR-1016-1

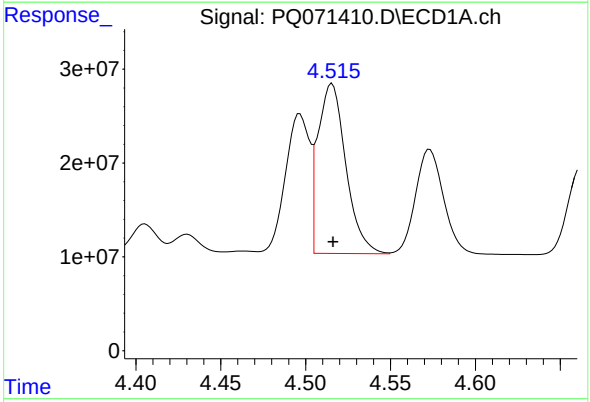
R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 147371142
Conc: 445.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



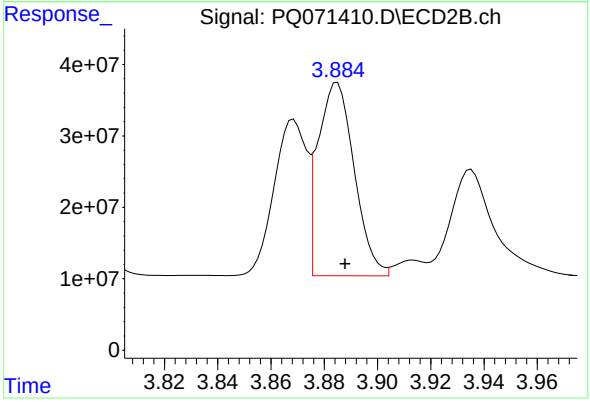
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 186081478
Conc: 513.86 ng/ml



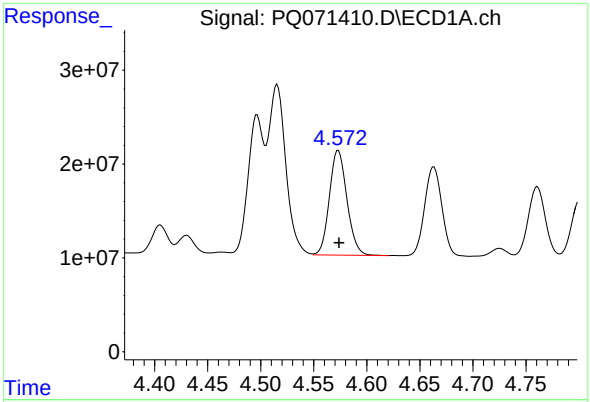
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 206869831
Conc: 434.95 ng/ml



#4 AR-1016-2

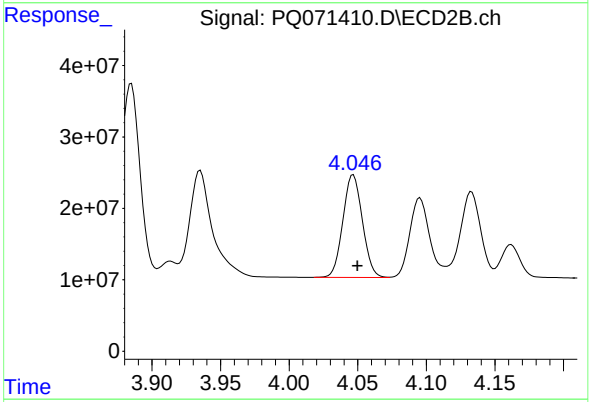
R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 255486582
Conc: 520.15 ng/ml



#5 AR-1016-3

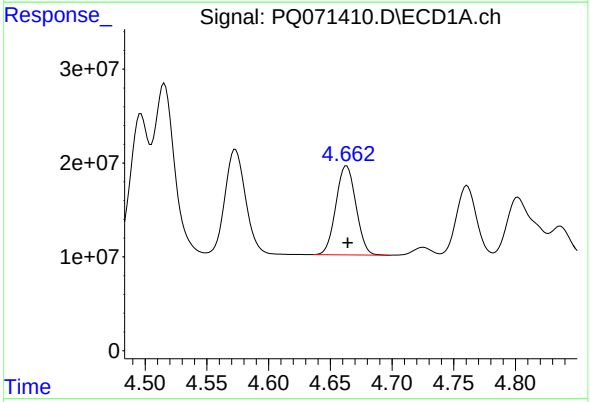
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 128596884
Conc: 430.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



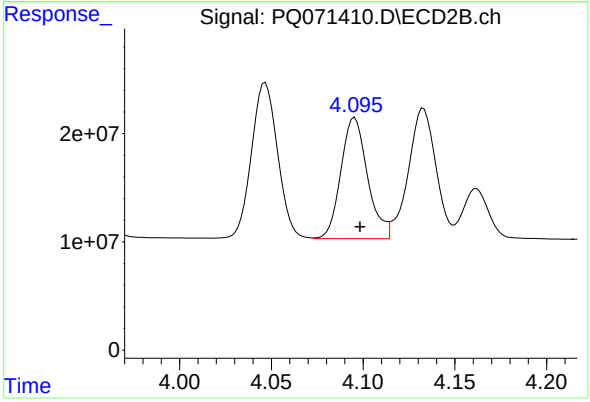
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 142300155
Conc: 511.89 ng/ml



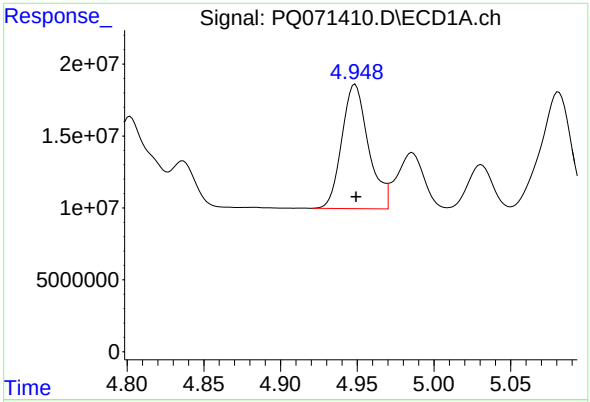
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 107488538
Conc: 437.75 ng/ml



#6 AR-1016-4

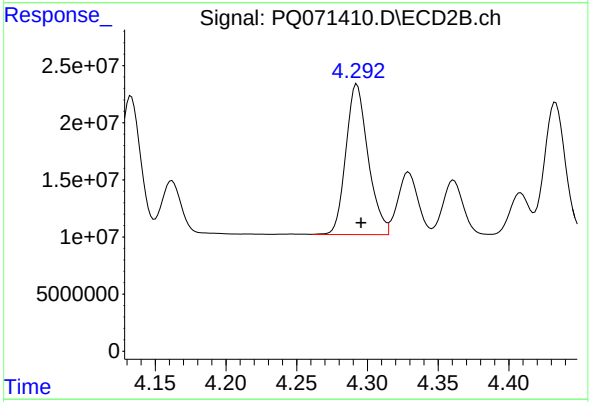
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 113069642
Conc: 504.22 ng/ml



#7 AR-1016-5

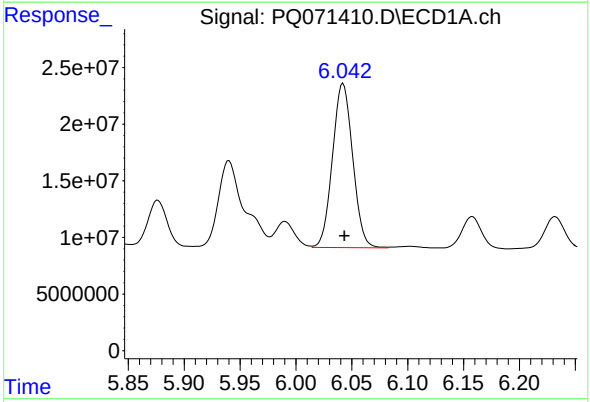
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 104853738
Conc: 443.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



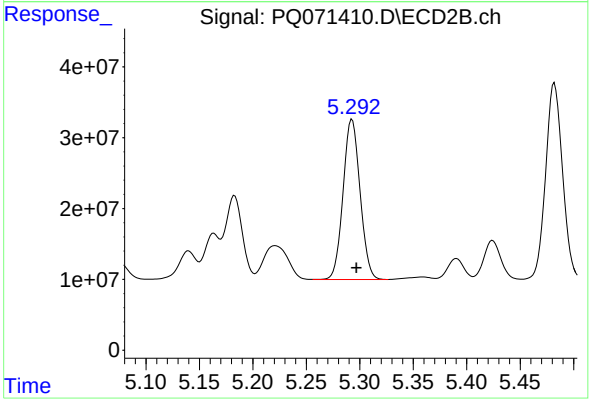
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 144122356
Conc: 517.37 ng/ml



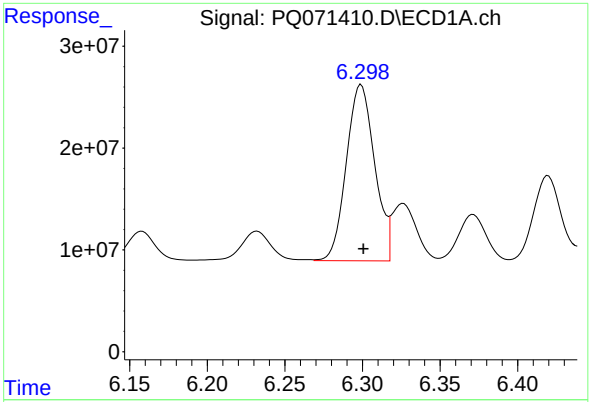
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 182587876
Conc: 408.02 ng/ml



#31 AR-1260-1

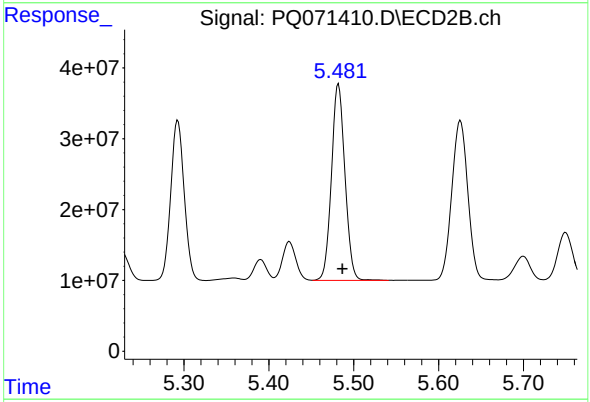
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 249888601
Conc: 500.85 ng/ml



#32 AR-1260-2

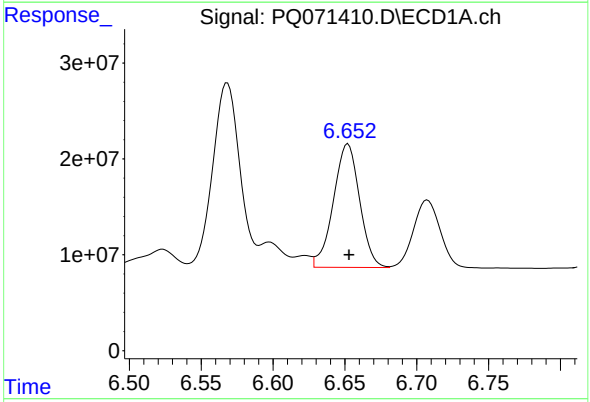
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 219614102
Conc: 429.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



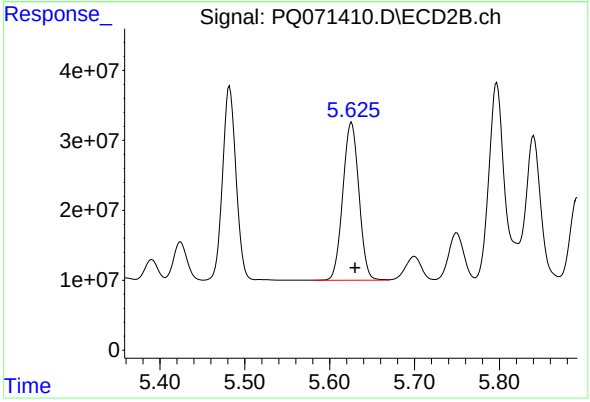
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 306406283
Conc: 505.31 ng/ml



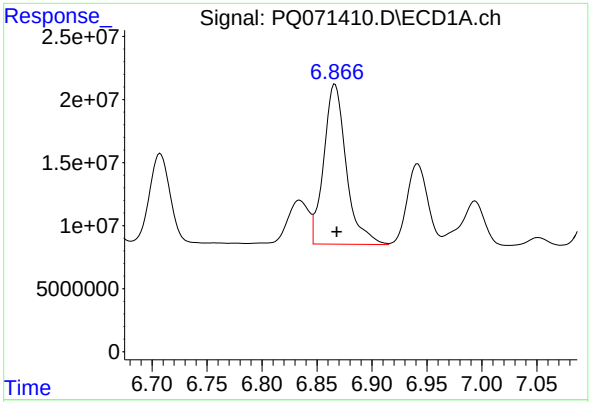
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 163190871
Conc: 426.38 ng/ml



#33 AR-1260-3

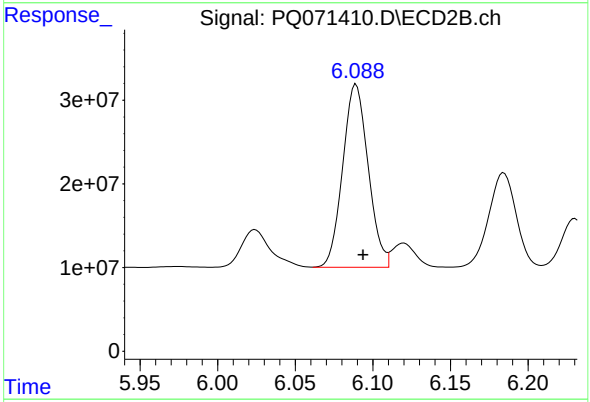
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 297637406
Conc: 503.46 ng/ml



#34 AR-1260-4

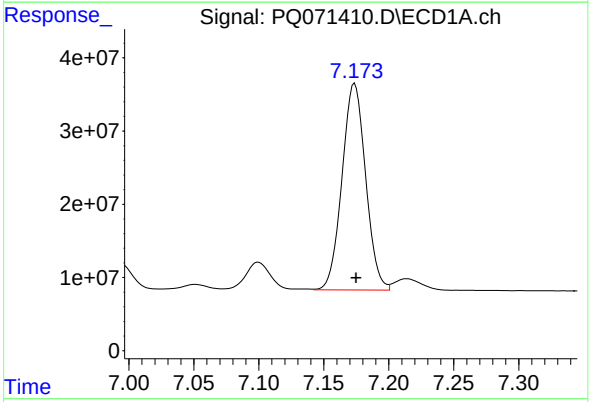
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 180447862
Conc: 431.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



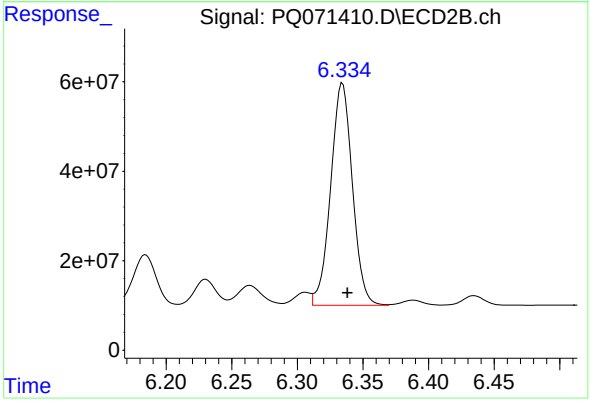
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 250070780
Conc: 504.81 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 356187659
Conc: 427.99 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 573407055
Conc: 499.36 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.:** Q3672

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 06:58 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
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

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/21/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 06:58 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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)	6.33	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

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.:** Q3672

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 :** PQ071415.D **Time Analyzed:** 06:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	432.840	500.000	-13.4
Aroclor-1016-2	4.515	4.416	4.616	448.570	500.000	-10.3
Aroclor-1016-3	4.573	4.474	4.674	442.930	500.000	-11.4
Aroclor-1016-4	4.663	4.564	4.764	434.310	500.000	-13.1
Aroclor-1016-5	4.949	4.849	5.049	439.120	500.000	-12.2
Aroclor-1260-1	6.042	5.943	6.143	407.760	500.000	-18.4
Aroclor-1260-2	6.300	6.200	6.400	430.950	500.000	-13.8
Aroclor-1260-3	6.652	6.552	6.752	427.000	500.000	-14.6
Aroclor-1260-4	6.867	6.767	6.967	428.230	500.000	-14.4
Aroclor-1260-5	7.174	7.075	7.275	429.580	500.000	-14.1
Decachlorobiphenyl	8.536	8.437	8.637	42.050	50.000	-15.9
Tetrachloro-m-xylene	3.411	3.311	3.511	44.300	50.000	-11.4

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.:** Q3672

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 :** PQ071415.D **Time Analyzed:** 06:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	506.580	500.000	1.3
Aroclor-1016-2	3.884	3.788	3.988	519.720	500.000	3.9
Aroclor-1016-3	4.046	3.950	4.150	513.070	500.000	2.6
Aroclor-1016-4	4.095	3.998	4.198	504.840	500.000	1.0
Aroclor-1016-5	4.292	4.195	4.395	513.960	500.000	2.8
Aroclor-1260-1	5.293	5.197	5.397	495.390	500.000	-0.9
Aroclor-1260-2	5.482	5.386	5.586	503.330	500.000	0.7
Aroclor-1260-3	5.625	5.530	5.730	499.750	500.000	-0.1
Aroclor-1260-4	6.089	5.993	6.193	502.050	500.000	0.4
Aroclor-1260-5	6.334	6.238	6.438	498.830	500.000	-0.2
Decachlorobiphenyl	7.654	7.559	7.759	50.170	50.000	0.3
Tetrachloro-m-xylene	2.855	2.756	2.956	51.370	50.000	2.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 06:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:12:47 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	385.6E6	479.6E6	44.295	51.368
2)	SA Decachlor...	8.536	7.654	263.3E6	458.4E6	42.050	50.166
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.868	143.1E6	183.4E6	432.838	506.584
4)	L1 AR-1016-2	4.515	3.884	213.4E6	255.3E6	448.573	519.718
5)	L1 AR-1016-3	4.573	4.046	132.2E6	142.6E6	442.926	513.067
6)	L1 AR-1016-4	4.663	4.095	106.6E6	113.2E6	434.313	504.845
7)	L1 AR-1016-5	4.949	4.292	103.8E6	143.2E6	439.122	513.965
31)	L7 AR-1260-1	6.042	5.293	182.5E6	247.2E6	407.759	495.395
32)	L7 AR-1260-2	6.300	5.482	220.2E6	305.2E6	430.946	503.335
33)	L7 AR-1260-3	6.652	5.625	163.4E6	295.4E6	426.996	499.745
34)	L7 AR-1260-4	6.867	6.089	179.1E6	248.7E6	428.234	502.047
35)	L7 AR-1260-5	7.174	6.334	357.5E6	572.8E6	429.584	498.827

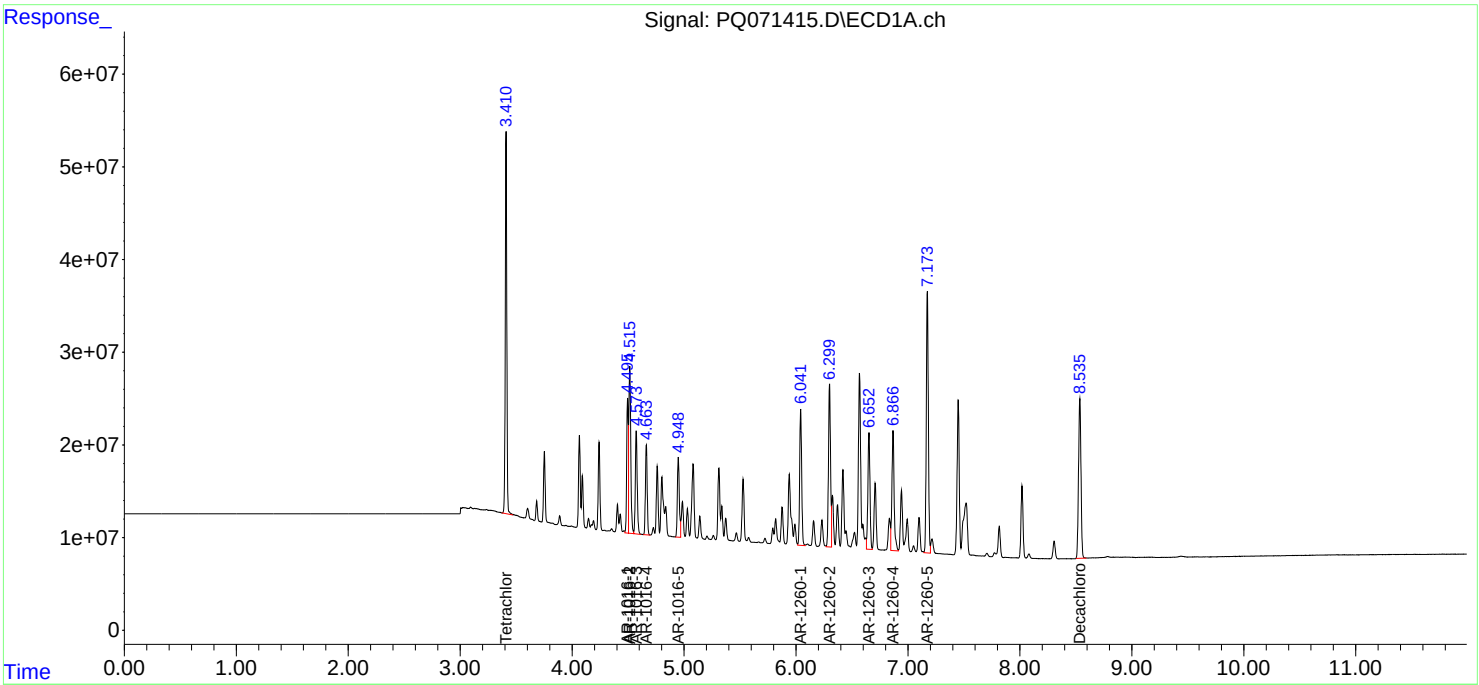
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

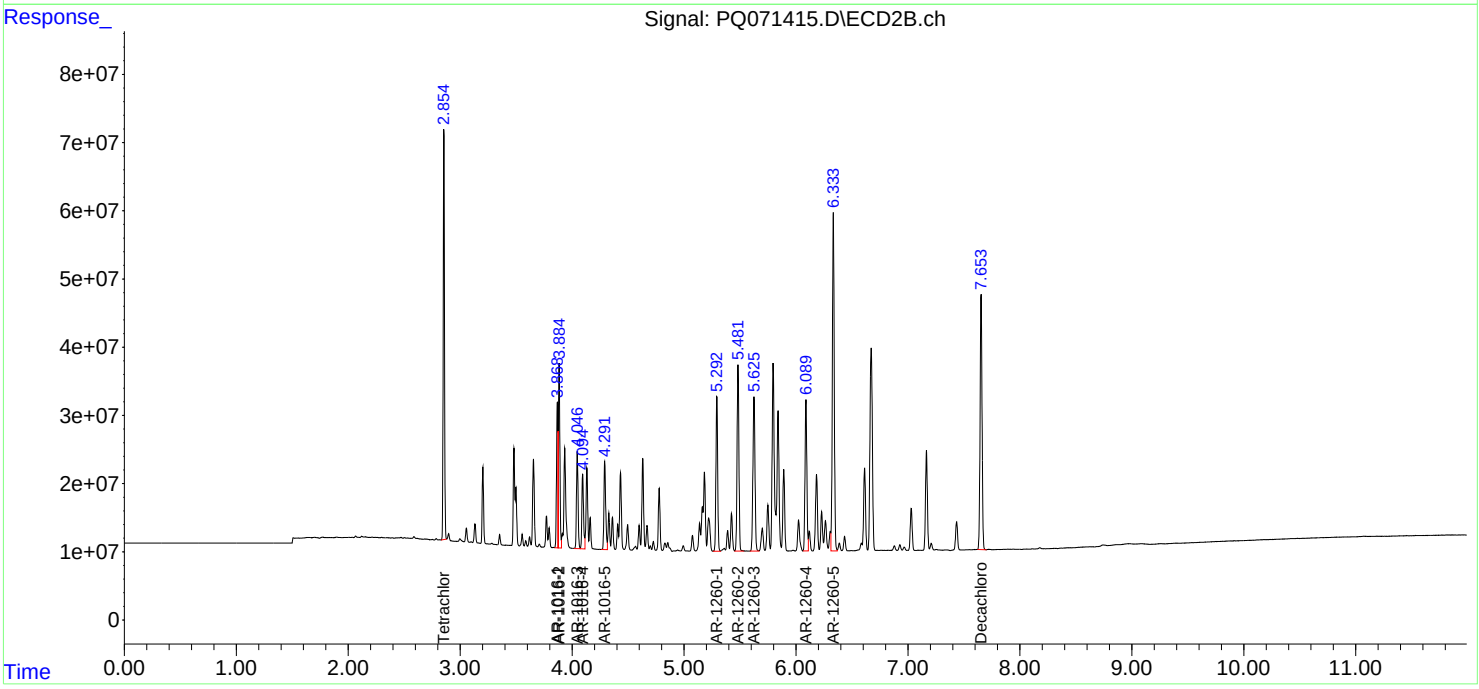
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 06:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 50 Sample Multiplier: 1

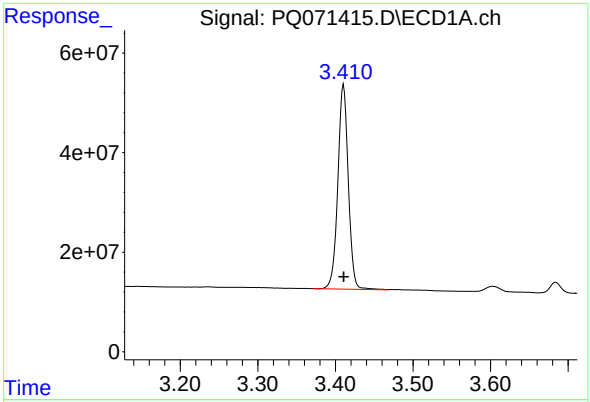
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 07:12:47 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



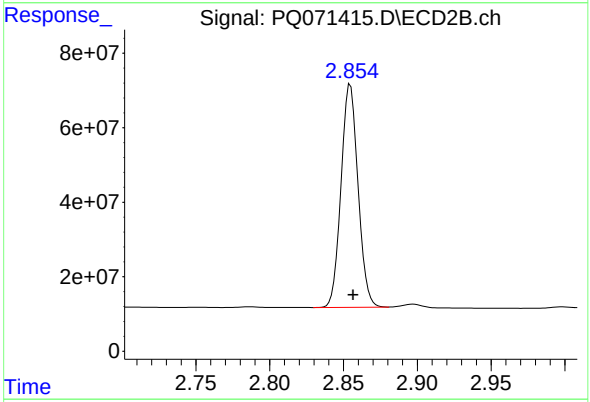




#1 Tetrachloro-m-xylene

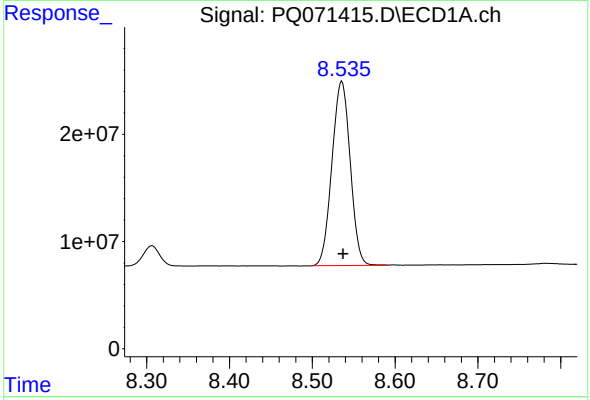
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 385597207
Conc: 44.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



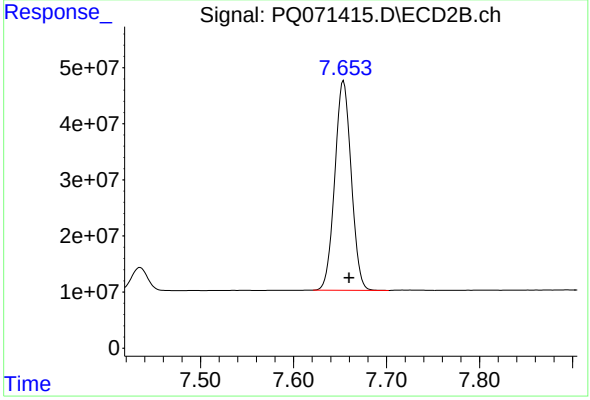
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 479604030
Conc: 51.37 ng/ml



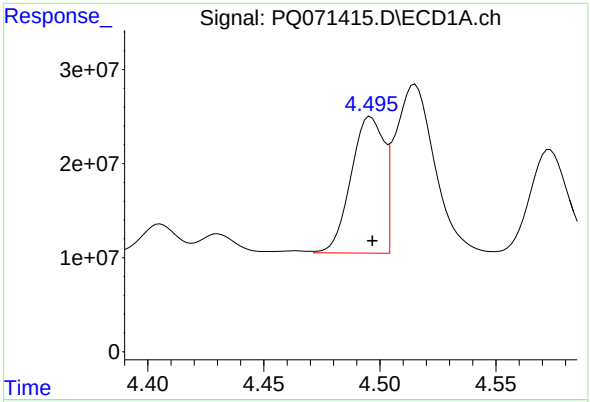
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 263296588
Conc: 42.05 ng/ml



#2 Decachlorobiphenyl

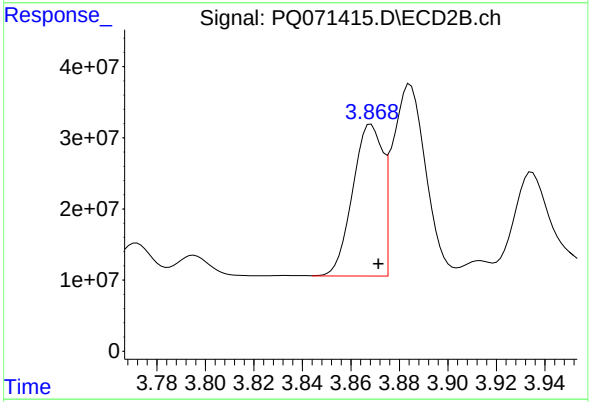
R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 458402620
Conc: 50.17 ng/ml



#3 AR-1016-1

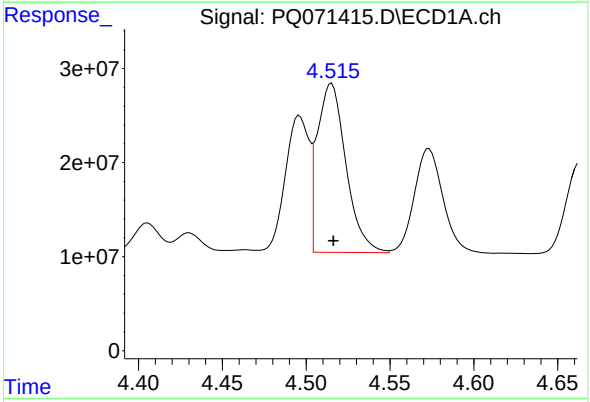
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 143074283
Conc: 432.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



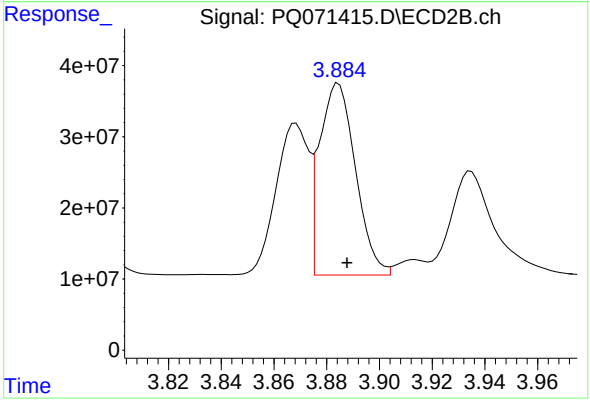
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 183445857
Conc: 506.58 ng/ml



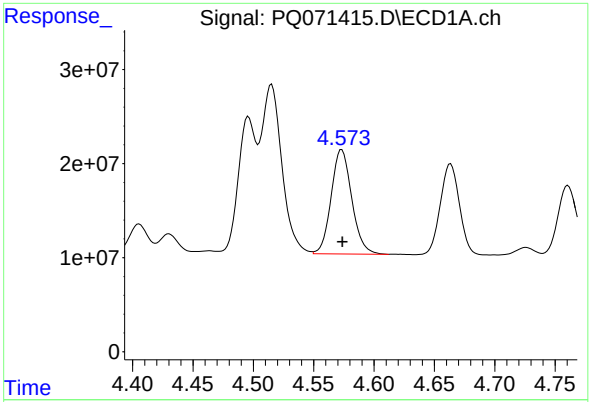
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 213350438
Conc: 448.57 ng/ml



#4 AR-1016-2

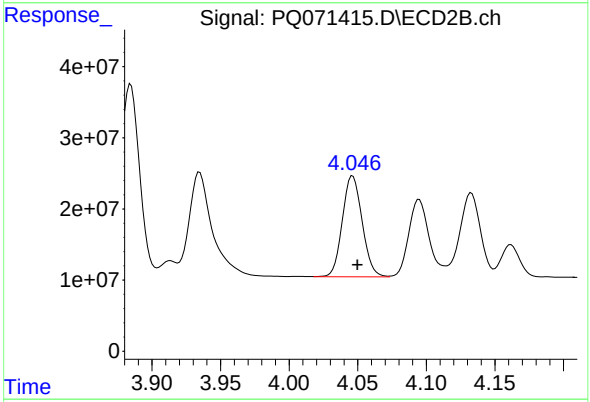
R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 255276167
Conc: 519.72 ng/ml



#5 AR-1016-3

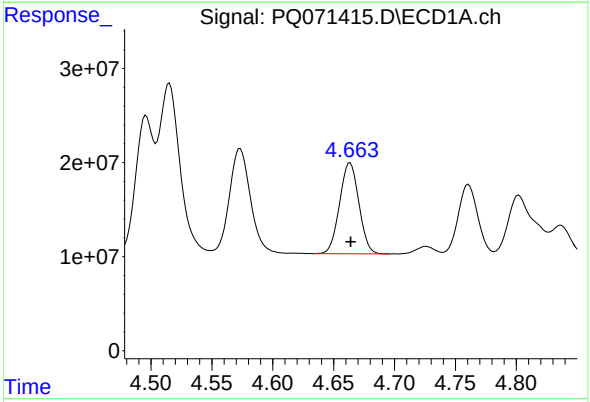
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 132195201
Conc: 442.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



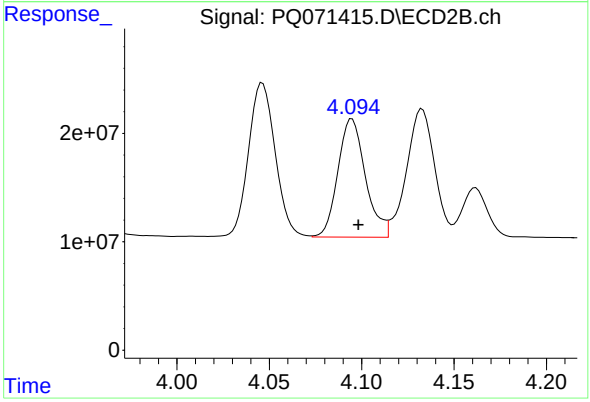
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 142628311
Conc: 513.07 ng/ml



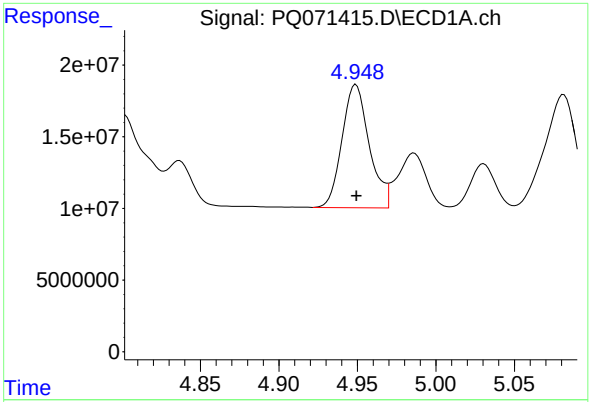
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 106644229
Conc: 434.31 ng/ml



#6 AR-1016-4

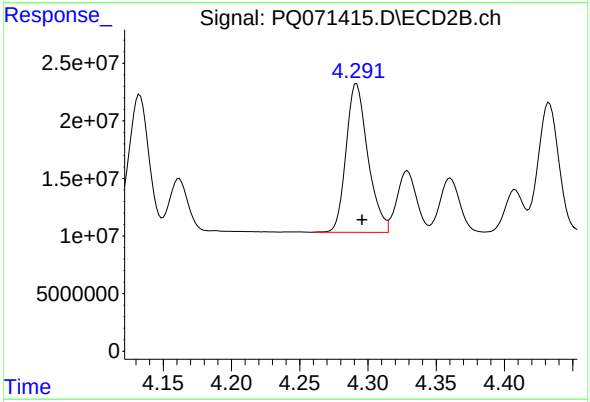
R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 113210444
Conc: 504.84 ng/ml



#7 AR-1016-5

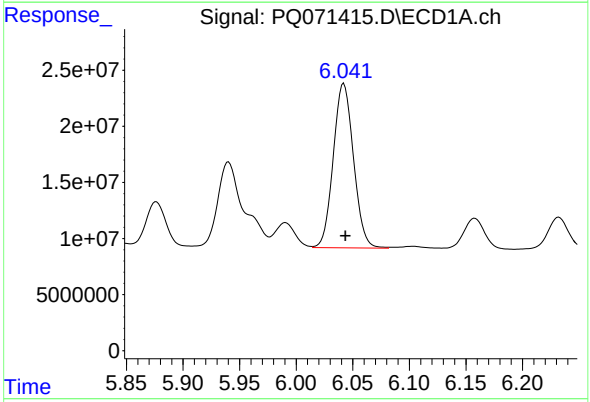
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 103814866
Conc: 439.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



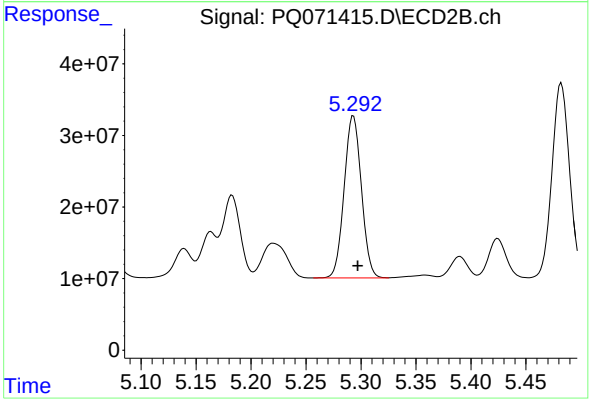
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 143174176
Conc: 513.96 ng/ml



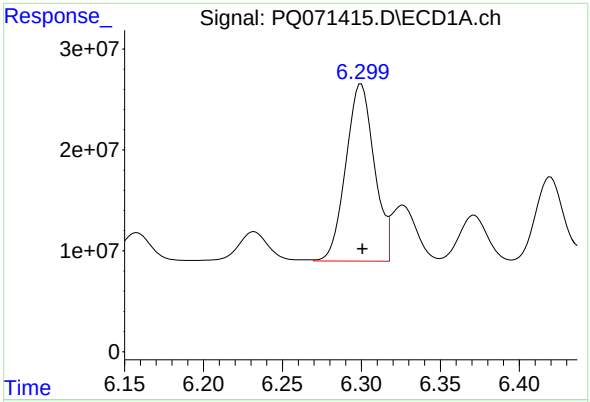
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 182471073
Conc: 407.76 ng/ml



#31 AR-1260-1

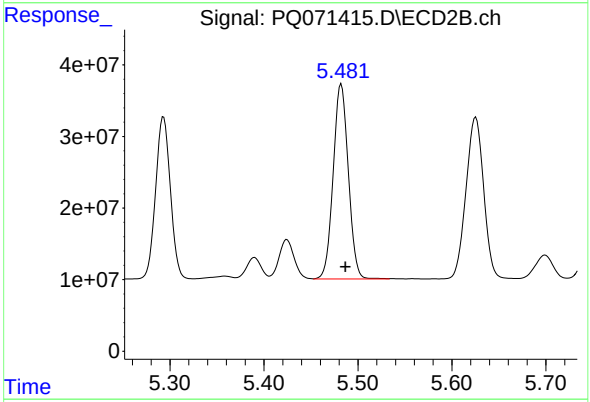
R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 247165707
Conc: 495.39 ng/ml



#32 AR-1260-2

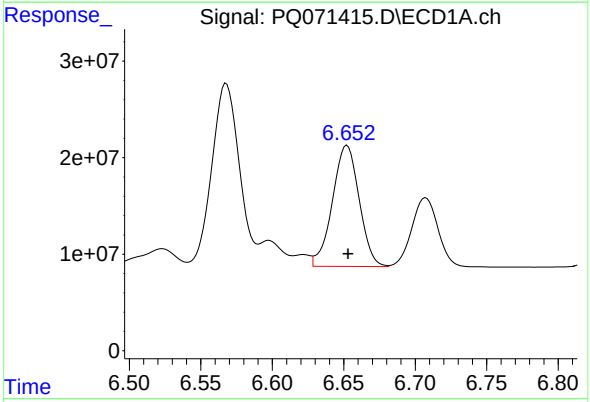
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 220176130
Conc: 430.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



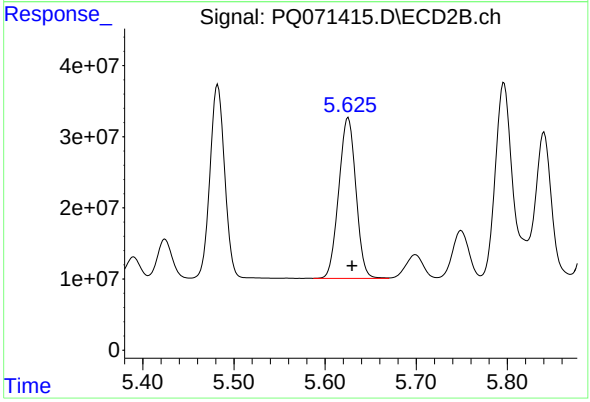
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.004 min
Response: 305210041
Conc: 503.33 ng/ml



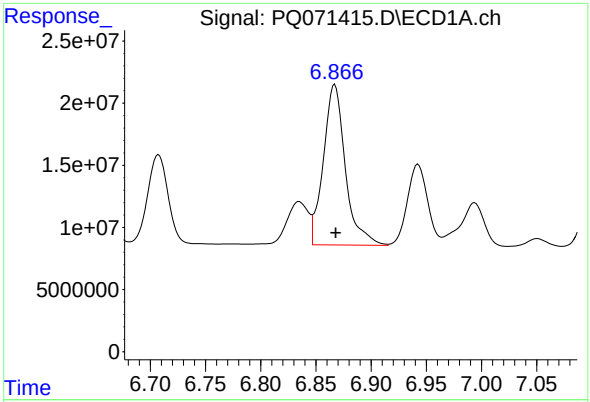
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 163425857
Conc: 427.00 ng/ml



#33 AR-1260-3

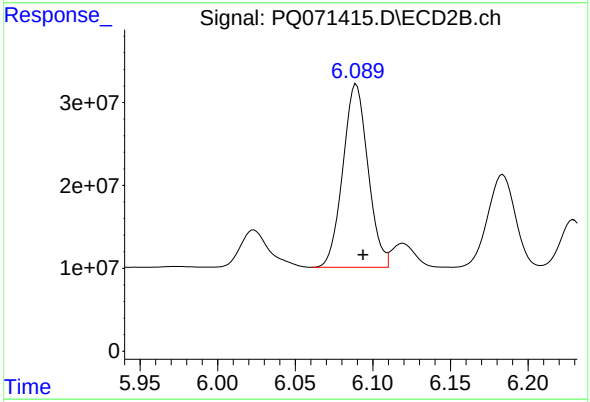
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 295441429
Conc: 499.75 ng/ml



#34 AR-1260-4

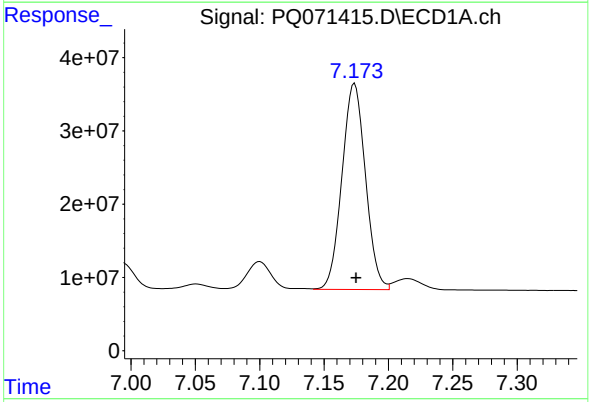
R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 179063807
Conc: 428.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



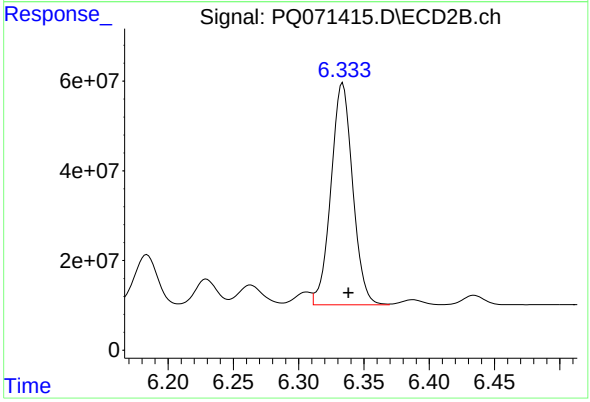
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 248703306
Conc: 502.05 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 357515750
Conc: 429.58 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 572796241
Conc: 498.83 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071418.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071418.D **Time Analyzed:** 09:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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.

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

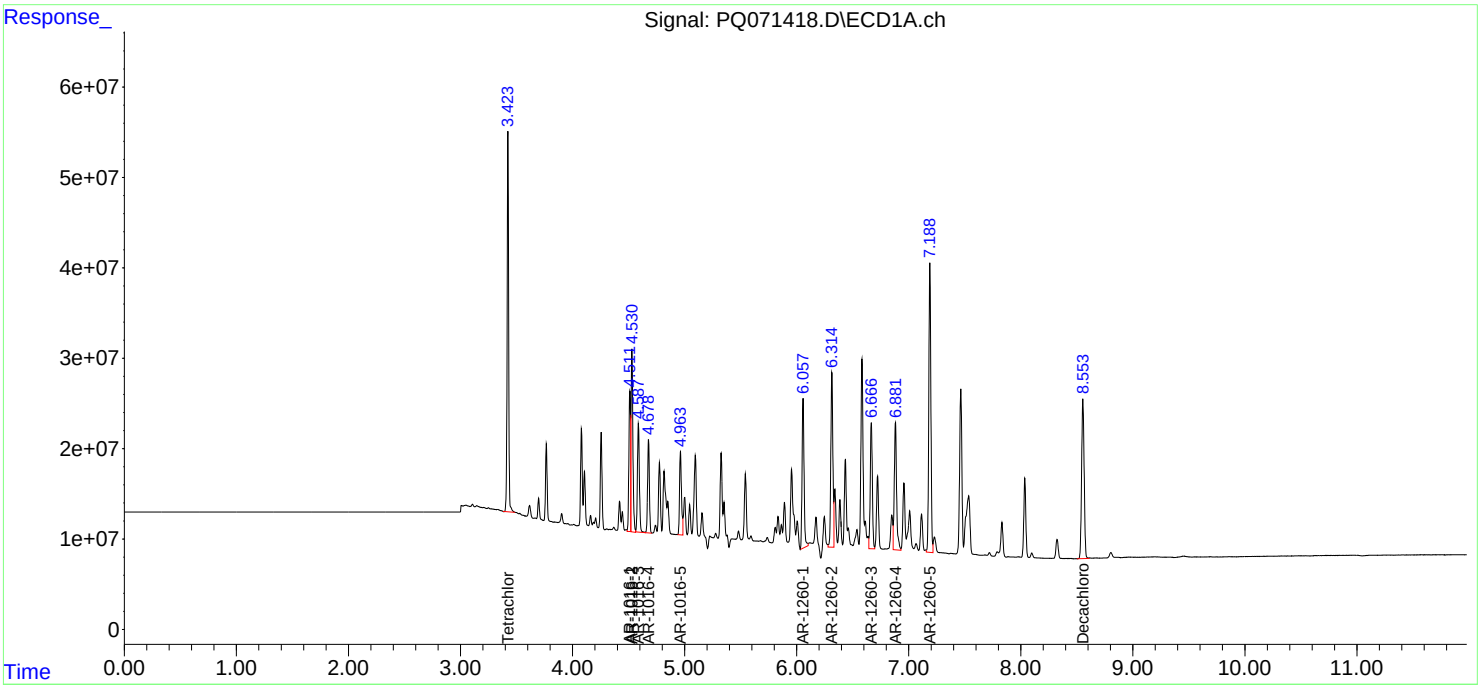
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 24 12:32:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 19 04:02:38 2025
Response via : Initial Calibration
Integrator: ChemStation

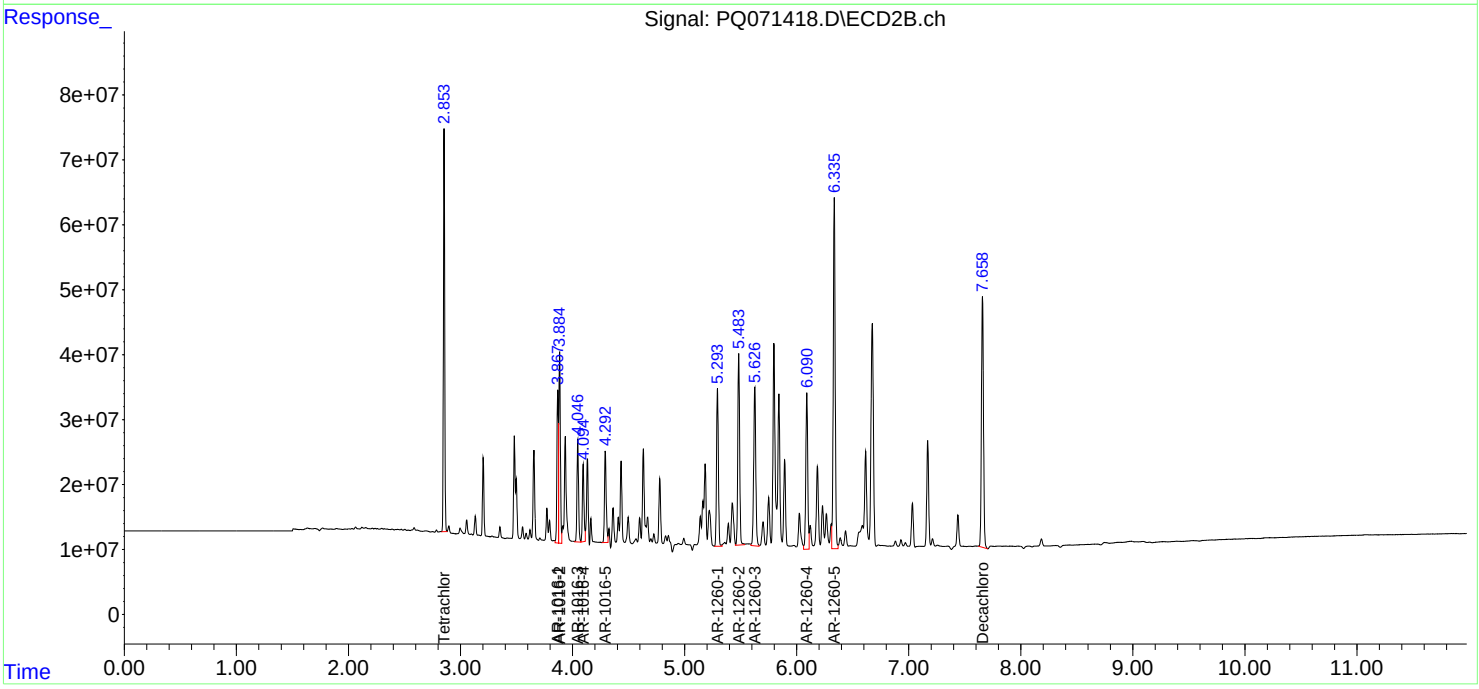
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

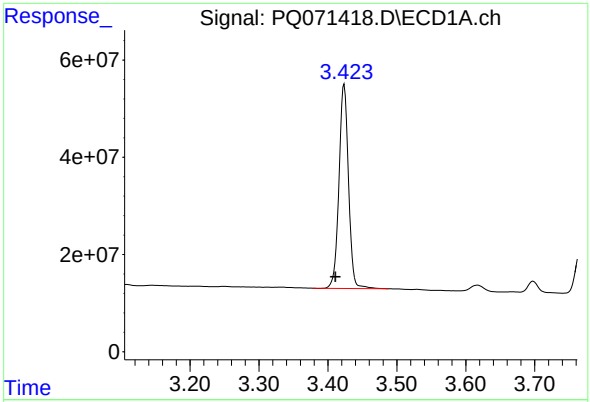
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

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







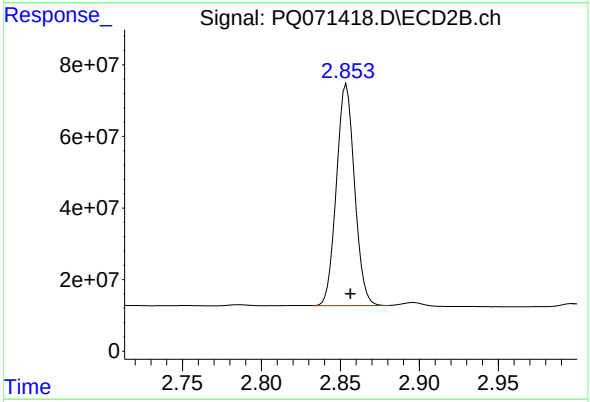
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.013 min
Response: 403475502
Conc: 46.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

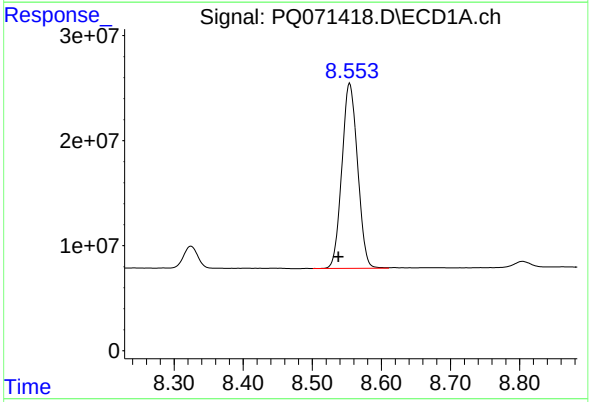
Manual Integrations APPROVED

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



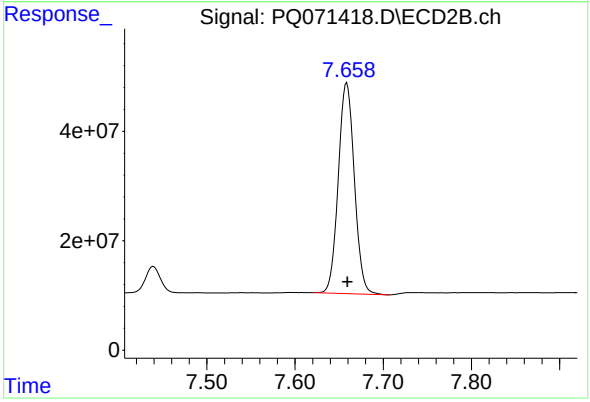
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 495025553
Conc: 53.02 ng/ml



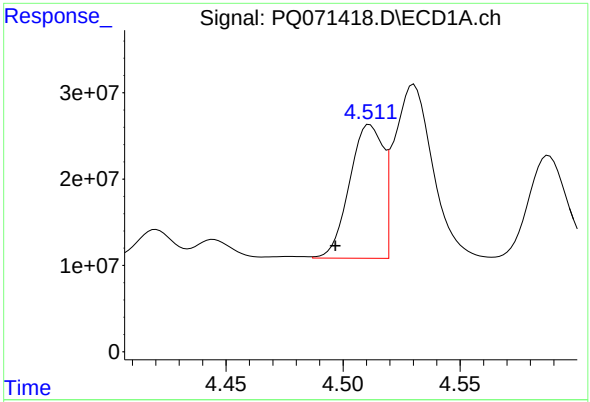
#2 Decachlorobiphenyl

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



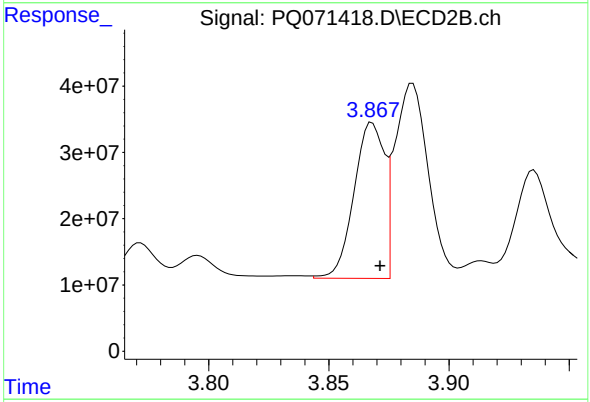
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.015 min
Response: 154930351
Conc: 468.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

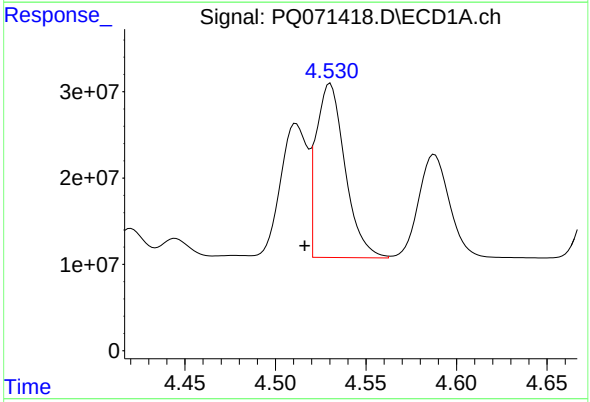
Manual Integrations APPROVED

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



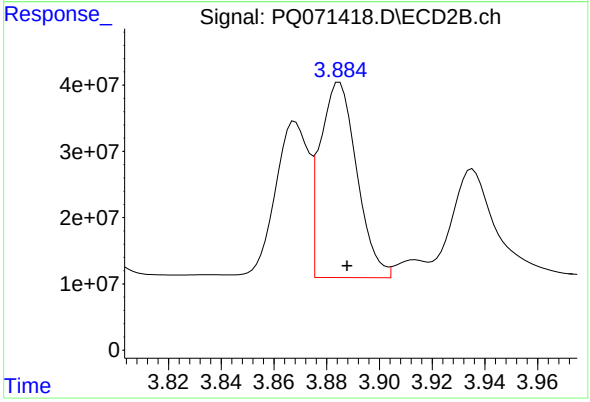
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 206385749
Conc: 569.93 ng/ml



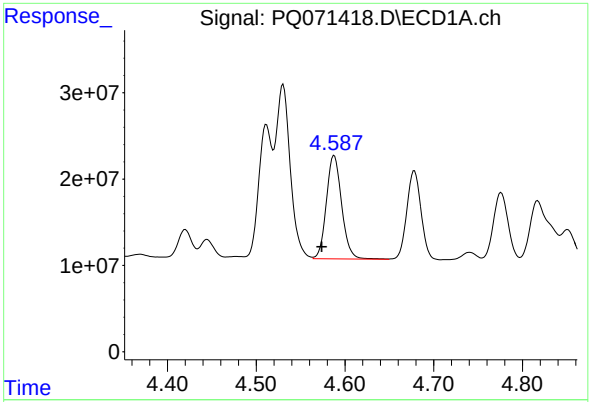
#4 AR-1016-2

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



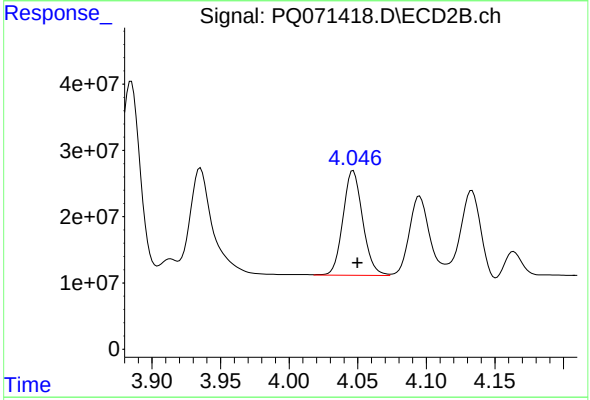
#5 AR-1016-3

R.T.: 4.588 min
Delta R.T.: 0.014 min
Response: 143261629
Conc: 480.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

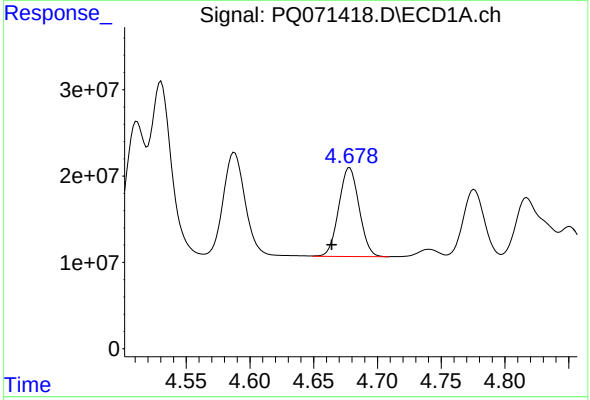
Manual Integrations APPROVED

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



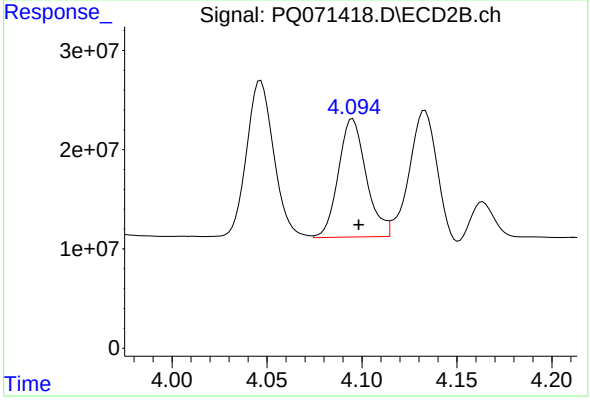
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 157736324
Conc: 567.41 ng/ml m



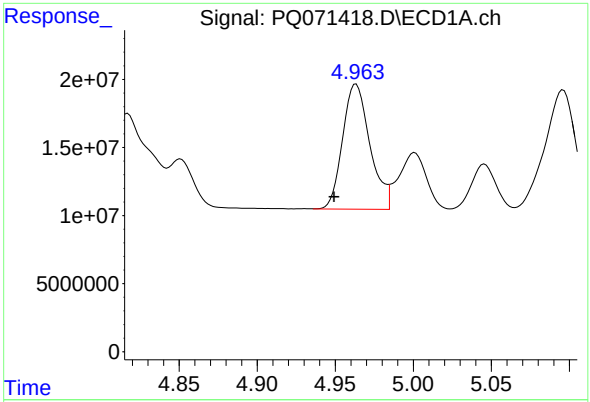
#6 AR-1016-4

R.T.: 4.678 min
Delta R.T.: 0.014 min
Response: 114311858
Conc: 465.54 ng/ml



#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 121172072
Conc: 540.35 ng/ml m



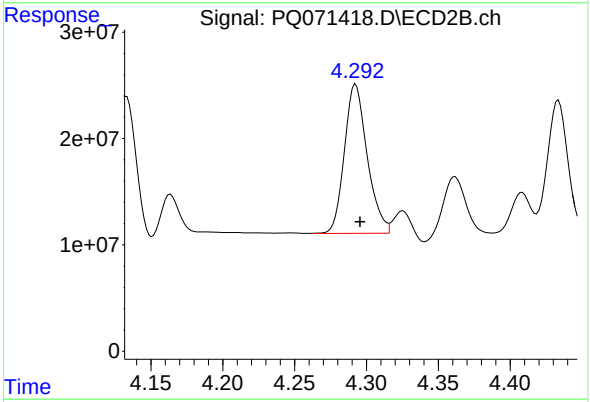
#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: 0.014 min
Response: 111915374
Conc: 473.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

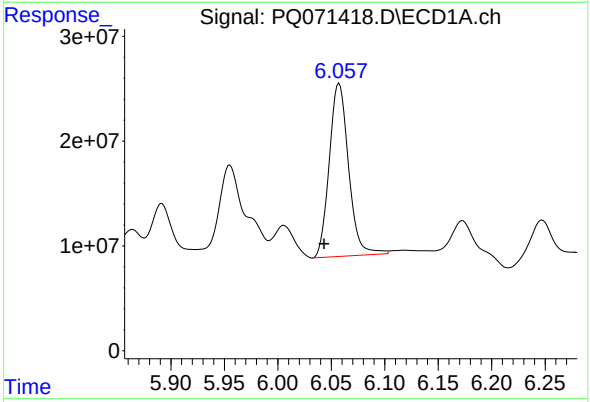
Manual Integrations APPROVED

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



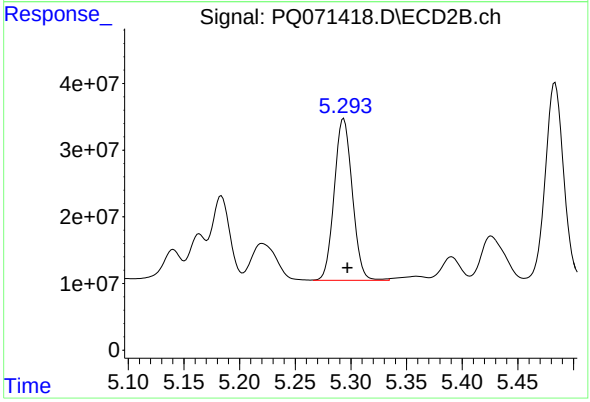
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 155360893
Conc: 557.71 ng/ml m



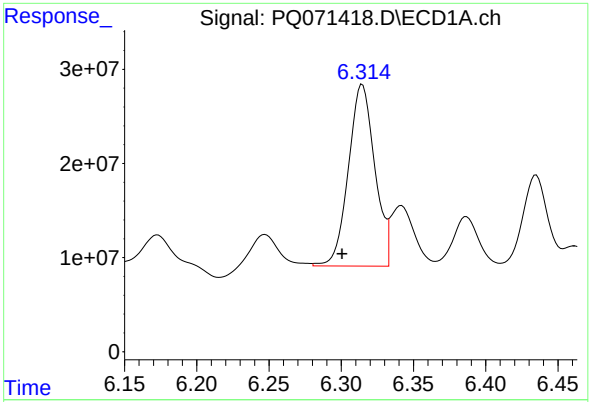
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: 0.014 min
Response: 207457544
Conc: 463.60 ng/ml



#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 273289418
Conc: 547.75 ng/ml m



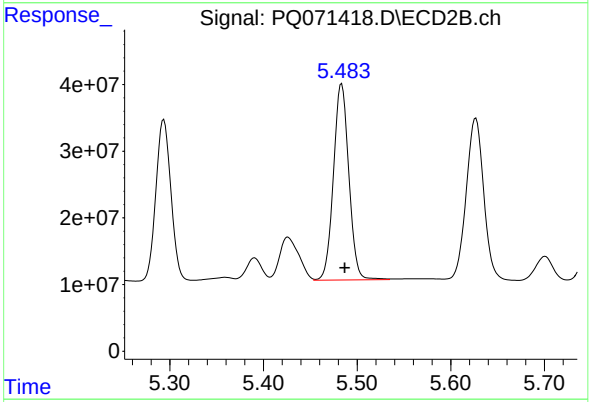
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: 0.014 min
Response: 245211662
Conc: 479.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

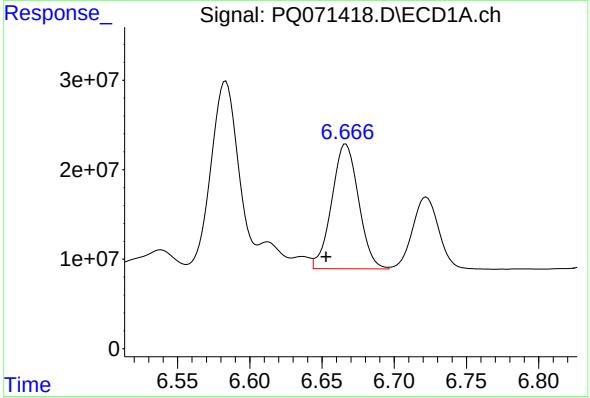
Manual Integrations APPROVED

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



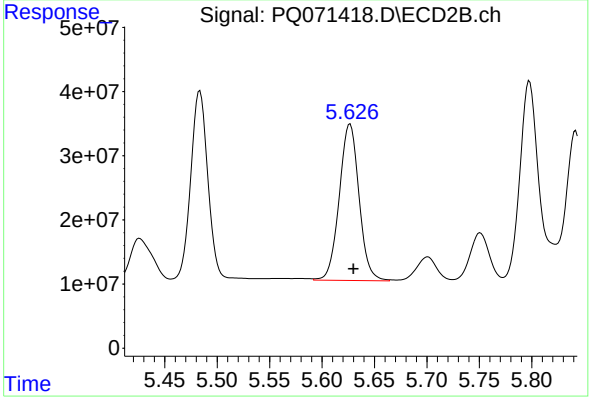
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 335402007
Conc: 553.13 ng/ml m



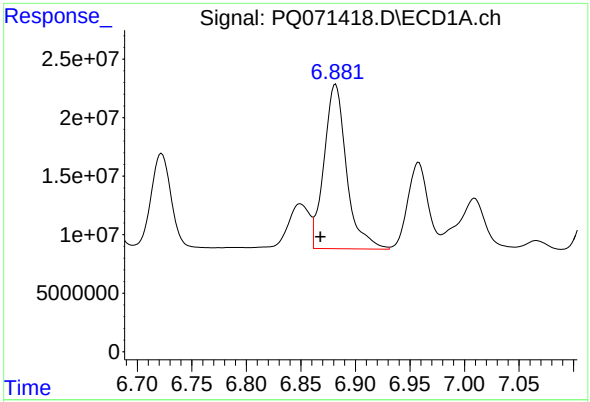
#33 AR-1260-3

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



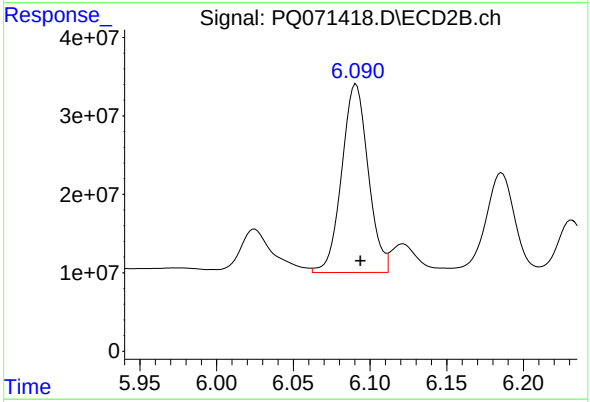
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: 0.014 min
Response: 201655441
Conc: 482.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

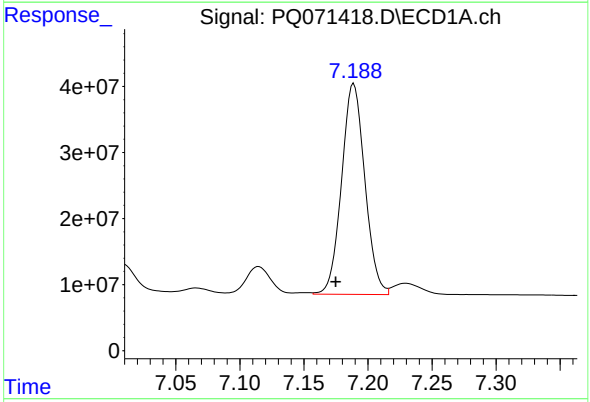
Manual Integrations APPROVED

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



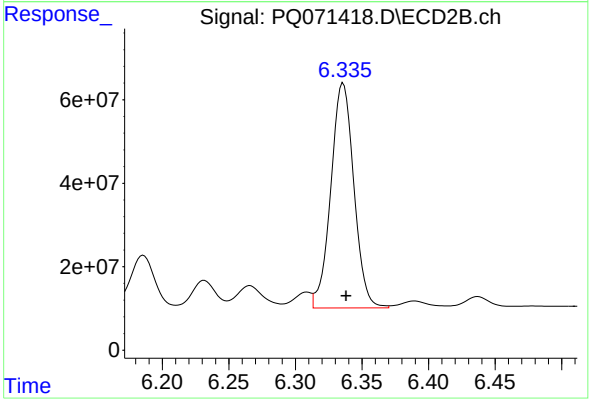
#34 AR-1260-4

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

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071430.D **Time Analyzed:** 13:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL06 **Date Analyzed:** 11/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071430.D **Time Analyzed:** 13:43

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

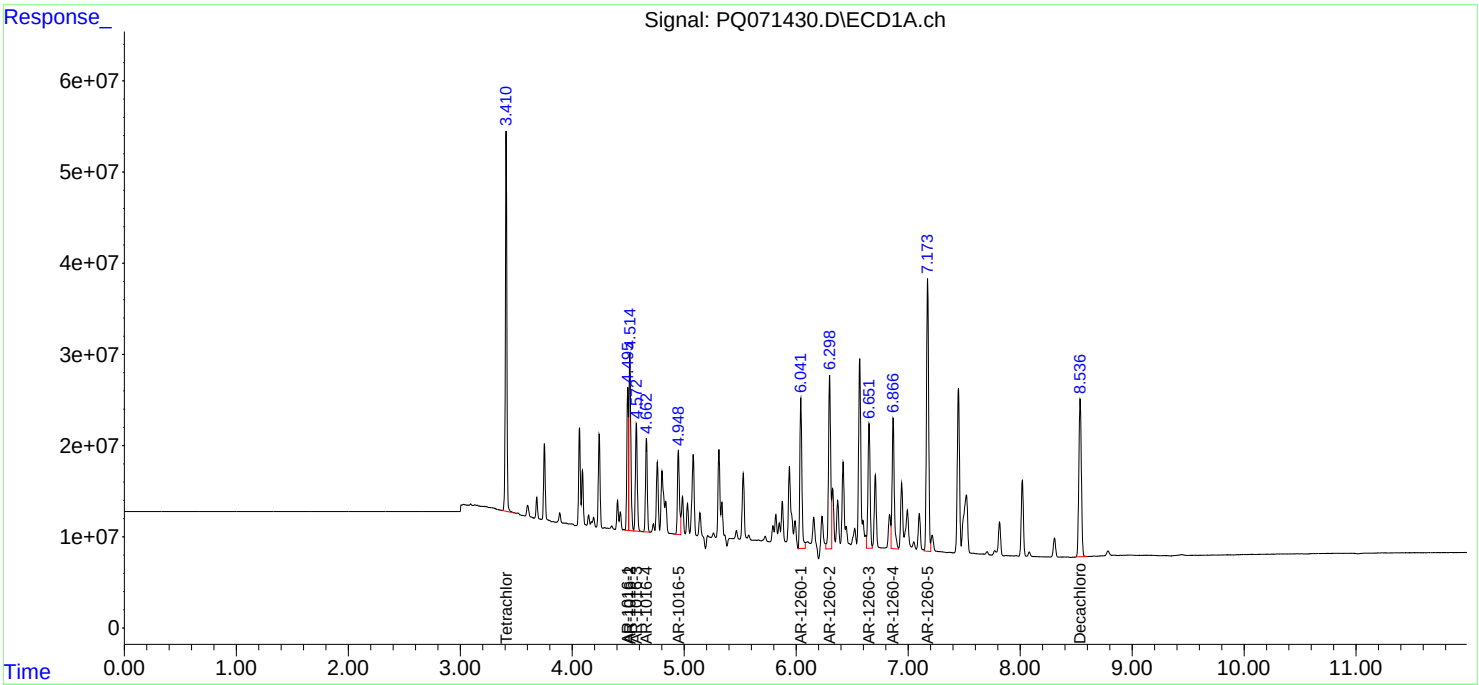
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

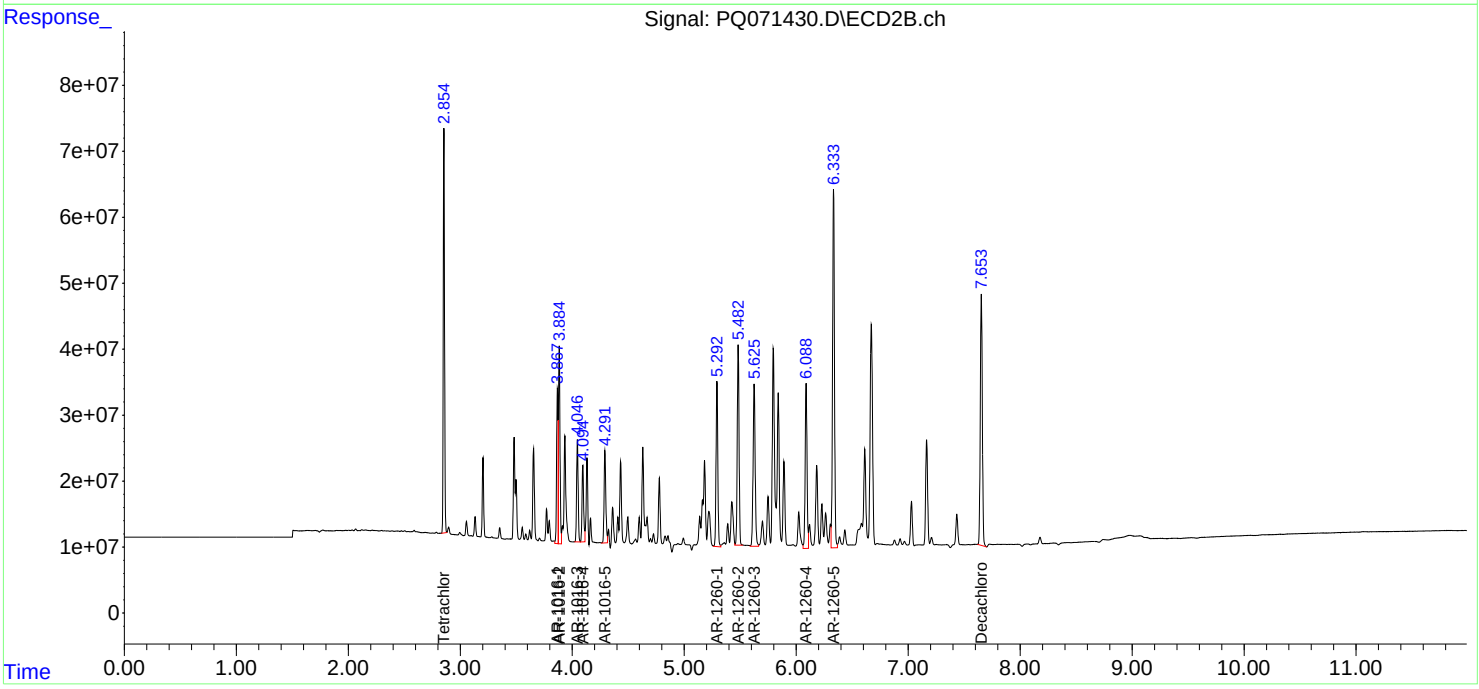
Manual Integrations APPROVED

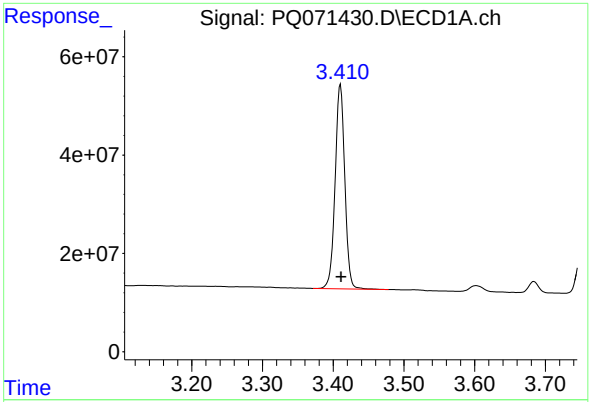
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

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







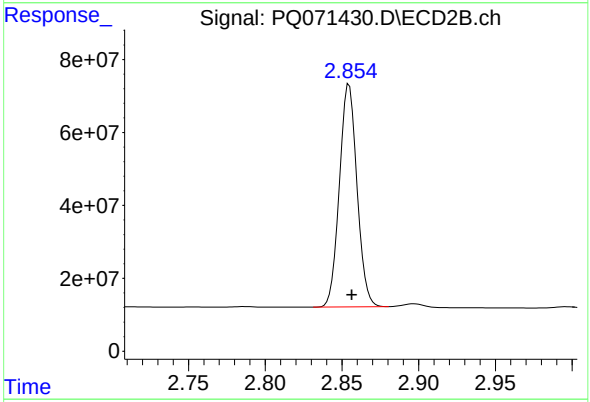
#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 395290680
Conc: 45.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

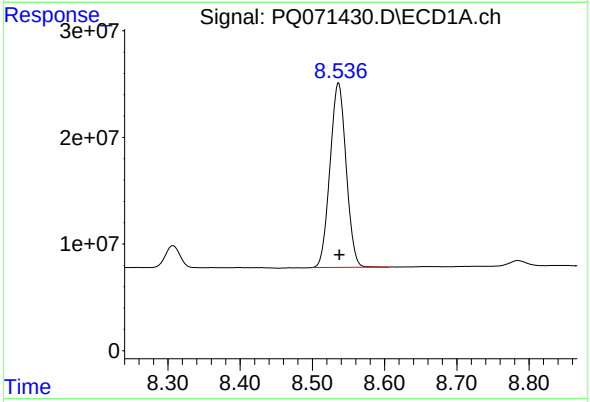
Manual Integrations APPROVED

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



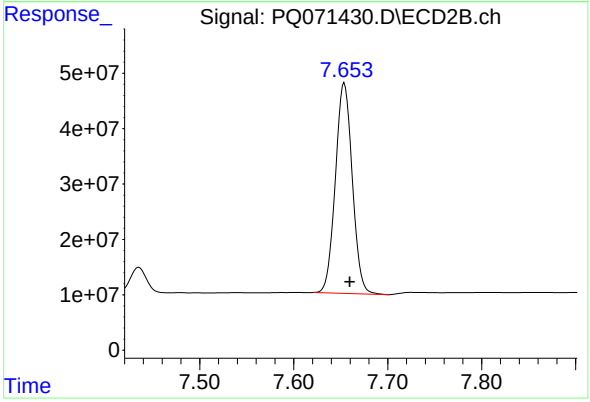
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 490034204
Conc: 52.48 ng/ml



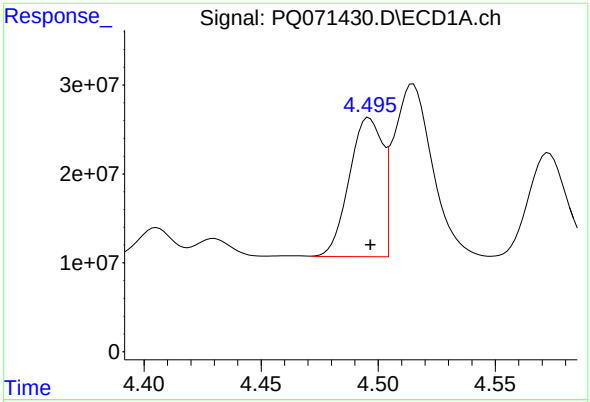
#2 Decachlorobiphenyl

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



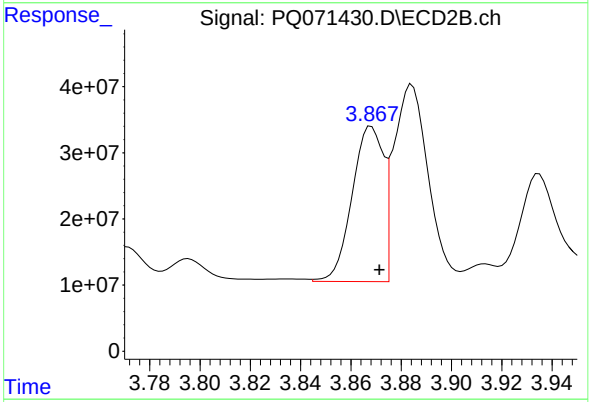
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 154562459
Conc: 467.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

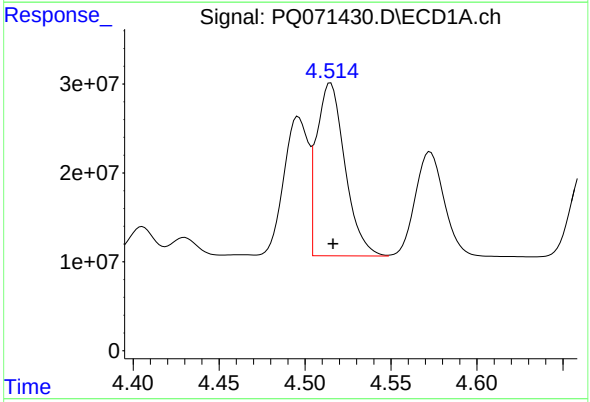
Manual Integrations APPROVED

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



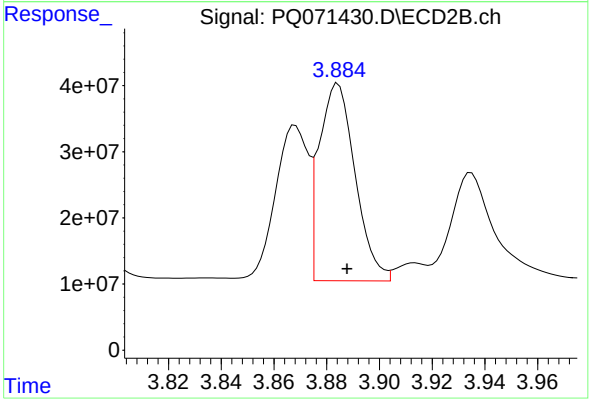
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 202712004
Conc: 559.79 ng/ml



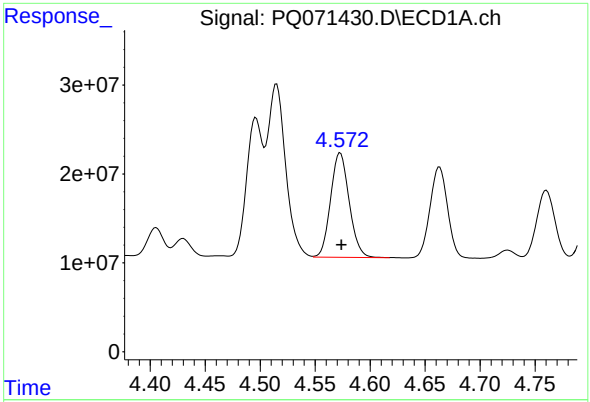
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 222904414
Conc: 468.66 ng/ml



#4 AR-1016-2

R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 283141238
Conc: 576.45 ng/ml



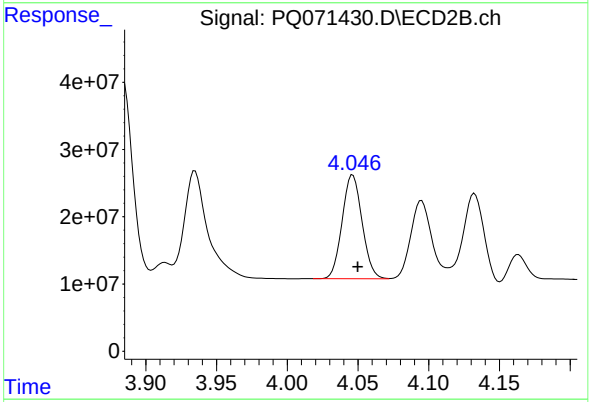
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 138207168
Conc: 463.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

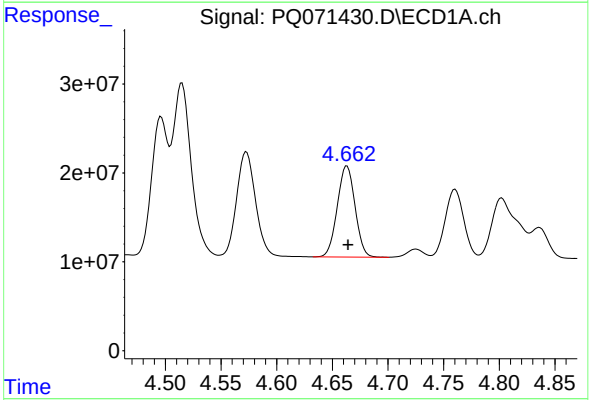
Manual Integrations APPROVED

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



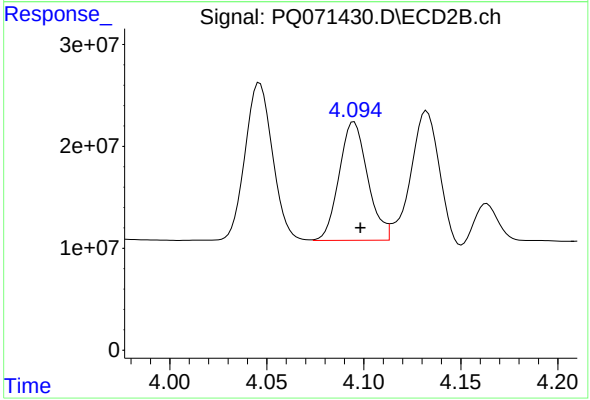
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 151911559
Conc: 546.46 ng/ml m



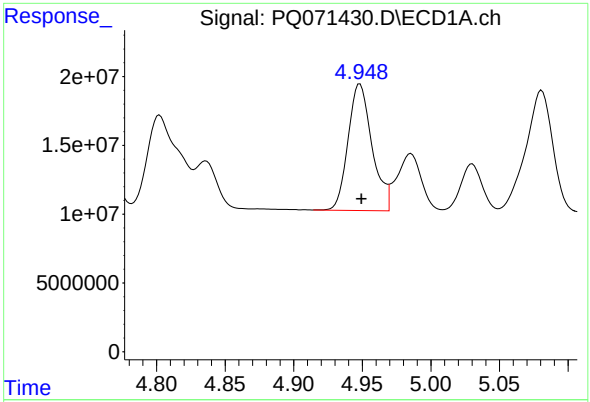
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 113894992
Conc: 463.84 ng/ml



#6 AR-1016-4

R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 118464730
Conc: 528.28 ng/ml m



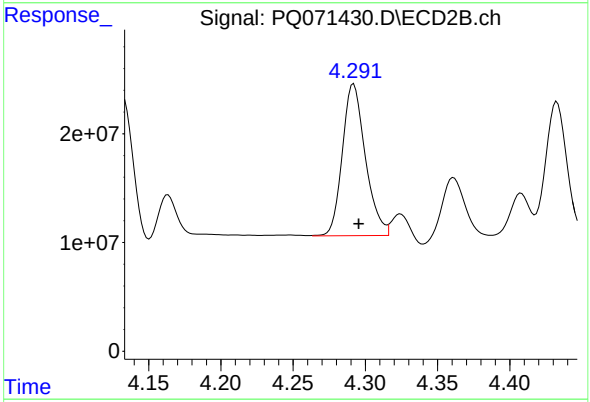
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 112080146
Conc: 474.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

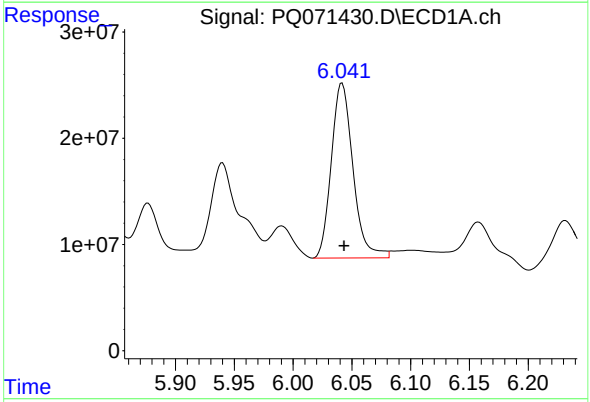
Manual Integrations APPROVED

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



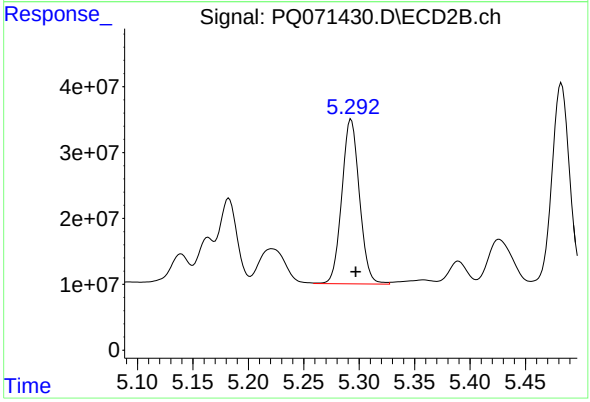
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 154594136
Conc: 554.96 ng/ml m



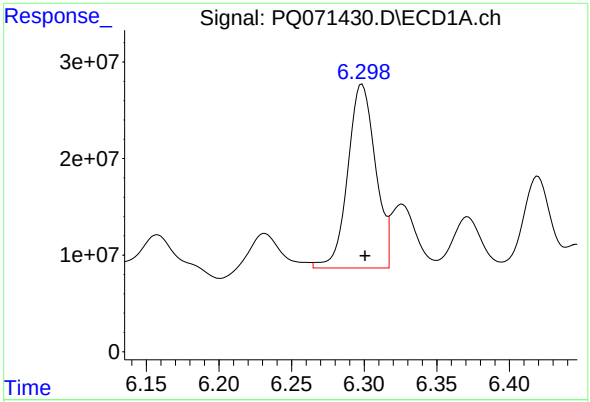
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 211450891
Conc: 472.52 ng/ml



#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 276361005
Conc: 553.91 ng/ml m



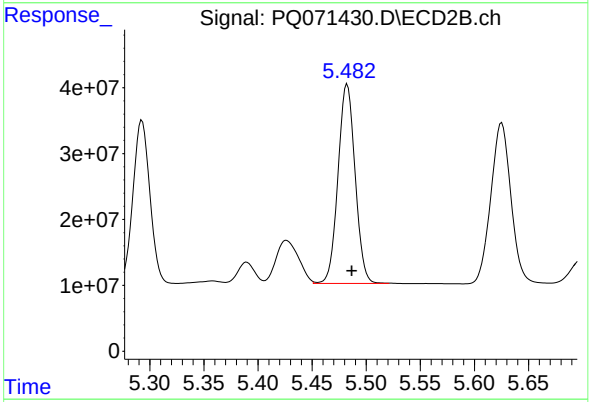
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 252348245
Conc: 493.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

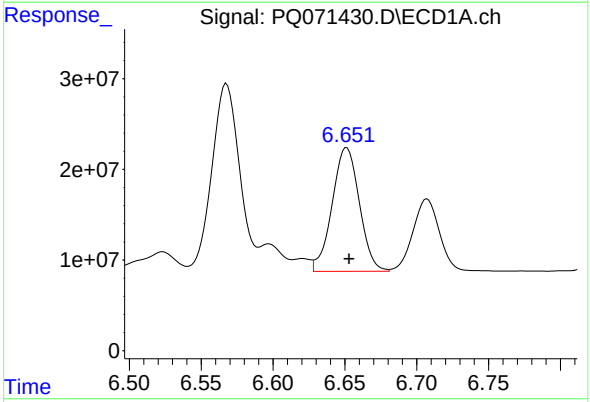
Manual Integrations APPROVED

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



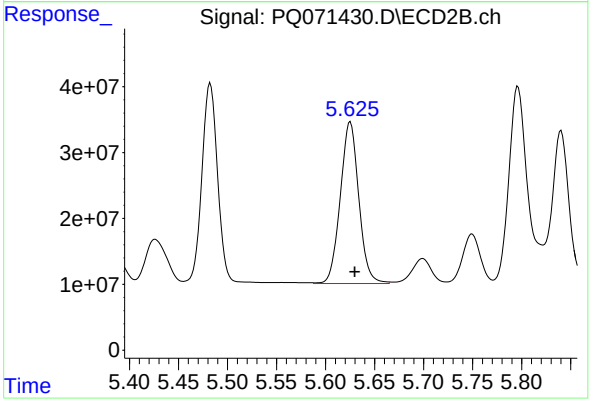
#32 AR-1260-2

R.T.: 5.482 min
Delta R.T.: -0.005 min
Response: 332688099
Conc: 548.65 ng/ml m



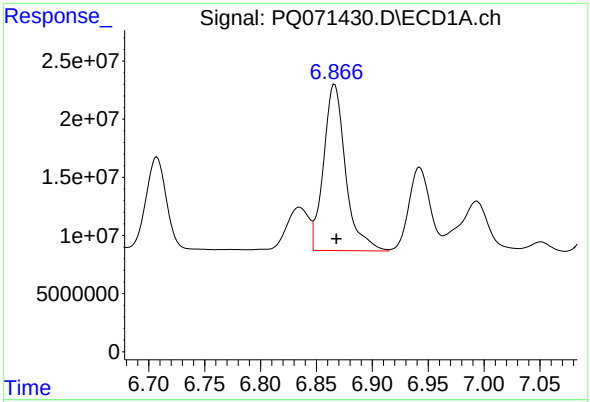
#33 AR-1260-3

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



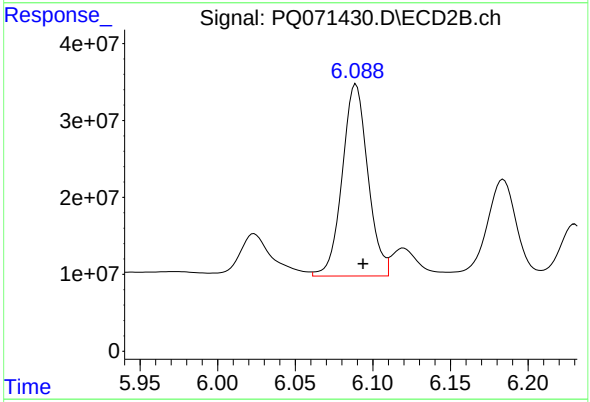
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 195900198
Conc: 468.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

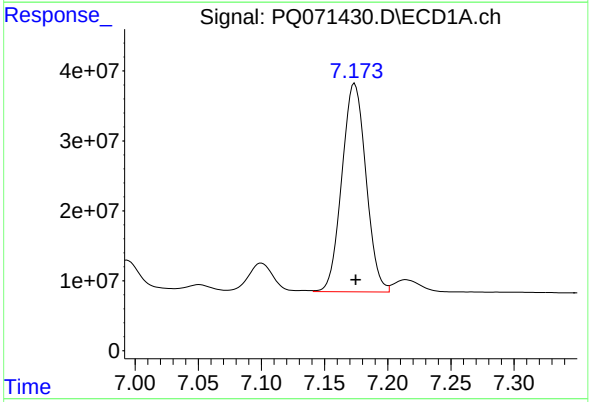
Manual Integrations APPROVED

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



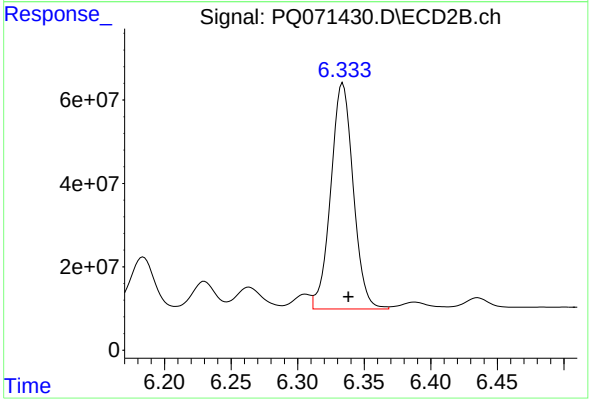
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 286644979
Conc: 578.64 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 395246206
Conc: 474.92 ng/ml



#35 AR-1260-5

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 636997879
Conc: 554.74 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	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		8.53	8.54	8.44	8.64	0.01

Alliance TECHNICAL GROUP
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.:** Q3672

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071466.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.496	4.397	4.597	495.860	500.000	-0.8
Aroclor-1016-2	4.515	4.416	4.616	496.710	500.000	-0.7
Aroclor-1016-3	4.572	4.474	4.674	494.030	500.000	-1.2
Aroclor-1016-4	4.663	4.564	4.764	494.140	500.000	-1.2
Aroclor-1016-5	4.948	4.849	5.049	493.390	500.000	-1.3
Aroclor-1260-1	6.042	5.943	6.143	502.410	500.000	0.5
Aroclor-1260-2	6.300	6.200	6.400	533.840	500.000	6.8
Aroclor-1260-3	6.653	6.552	6.752	497.560	500.000	-0.5
Aroclor-1260-4	6.867	6.767	6.967	493.730	500.000	-1.3
Aroclor-1260-5	7.175	7.075	7.275	498.260	500.000	-0.3
Decachlorobiphenyl	8.534	8.437	8.637	44.880	50.000	-10.2
Tetrachloro-m-xylene	3.409	3.311	3.511	47.860	50.000	-4.3

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL07 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071466.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.867	3.771	3.971	495.010	500.000	-1.0
Aroclor-1016-2	3.883	3.788	3.988	479.710	500.000	-4.1
Aroclor-1016-3	4.045	3.950	4.150	481.800	500.000	-3.6
Aroclor-1016-4	4.093	3.998	4.198	481.250	500.000	-3.8
Aroclor-1016-5	4.291	4.195	4.395	479.140	500.000	-4.2
Aroclor-1260-1	5.291	5.197	5.397	483.670	500.000	-3.3
Aroclor-1260-2	5.481	5.386	5.586	476.900	500.000	-4.6
Aroclor-1260-3	5.624	5.530	5.730	468.150	500.000	-6.4
Aroclor-1260-4	6.088	5.993	6.193	509.780	500.000	2.0
Aroclor-1260-5	6.333	6.238	6.438	486.030	500.000	-2.8
Decachlorobiphenyl	7.652	7.559	7.759	43.290	50.000	-13.4
Tetrachloro-m-xylene	2.853	2.756	2.956	47.240	50.000	-5.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:53
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 01:02:08 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...	3.409	2.853	416.6E6	441.0E6	47.861	47.238
2)	SA Decachlor...	8.534	7.652	281.0E6	395.6E6	44.878	43.294
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.867	163.9E6	179.3E6	495.857	495.007m
4)	L1 AR-1016-2	4.515	3.883	236.2E6	235.6E6	496.706	479.710m
5)	L1 AR-1016-3	4.572	4.045	147.4E6	133.9E6	494.031	481.799m
6)	L1 AR-1016-4	4.663	4.093	121.3E6	107.9E6	494.140	481.249m
7)	L1 AR-1016-5	4.948	4.291	116.6E6	133.5E6	493.395	479.135m
31)	L7 AR-1260-1	6.042	5.291	224.8E6	241.3E6	502.412	483.667m
32)	L7 AR-1260-2	6.300	5.481	272.7E6	289.2E6	533.836	476.896m
33)	L7 AR-1260-3	6.653	5.624	190.4E6	276.8E6	497.562	468.151m
34)	L7 AR-1260-4	6.867	6.088	206.5E6	252.5E6	493.732	509.784
35)	L7 AR-1260-5	7.175	6.333	414.7E6	558.1E6	498.256	486.026

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

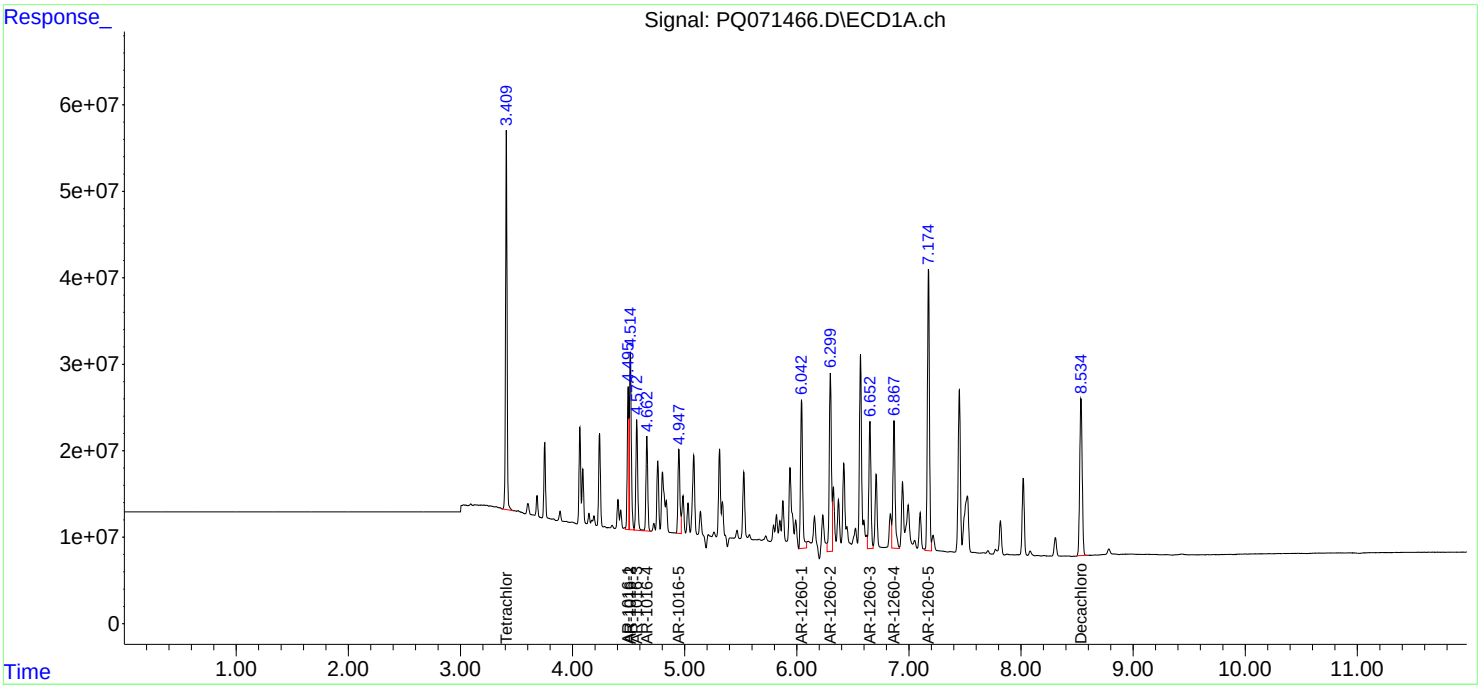
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

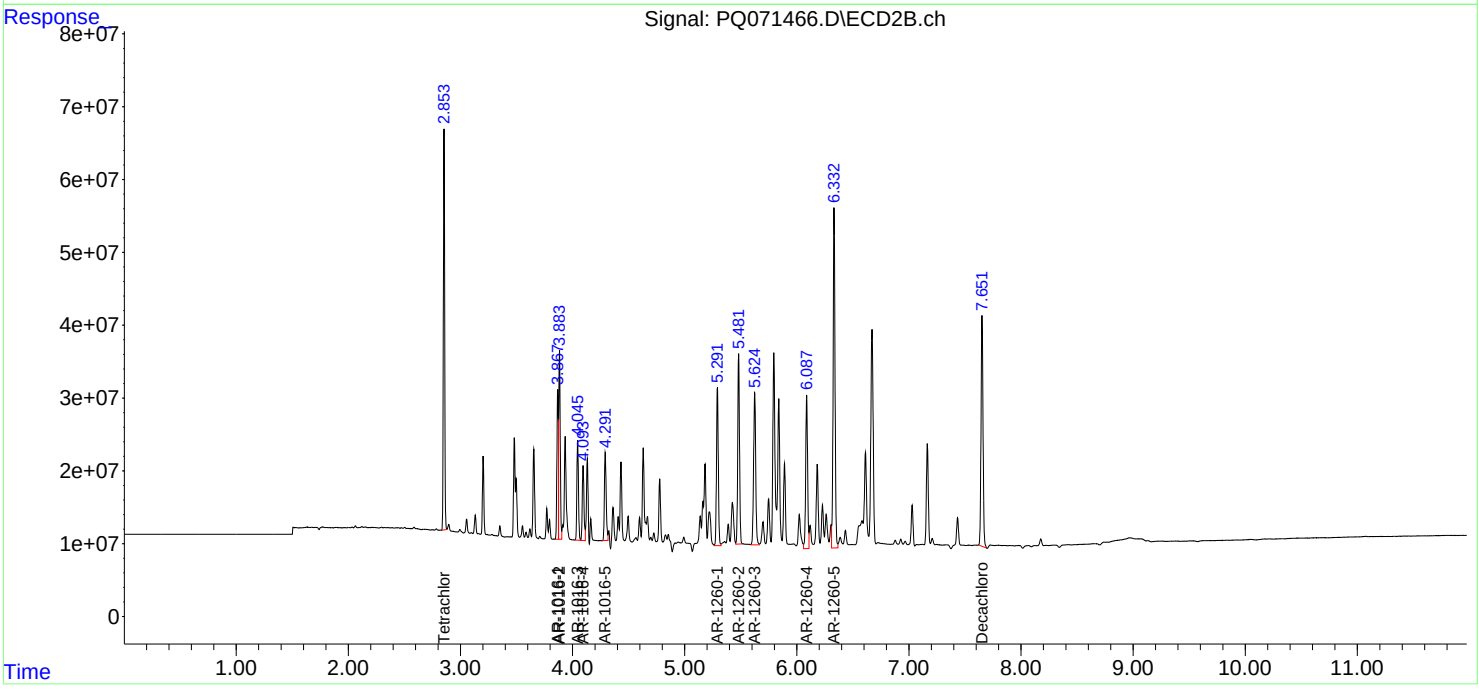
Manual Integrations APPROVED

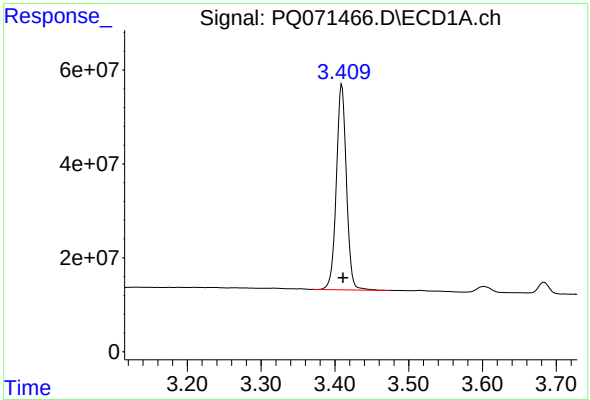
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:02:08 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







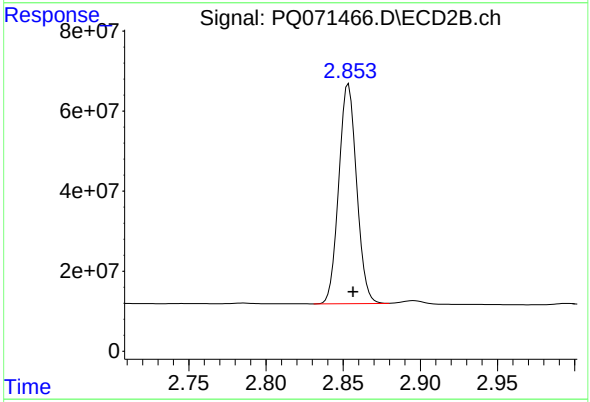
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 416640529
Conc: 47.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

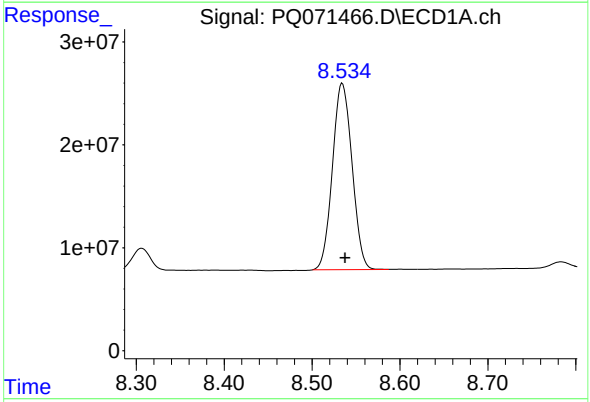
Manual Integrations APPROVED

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



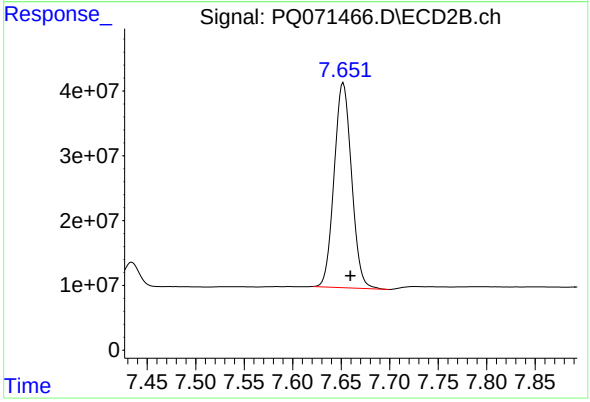
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 441044076
Conc: 47.24 ng/ml



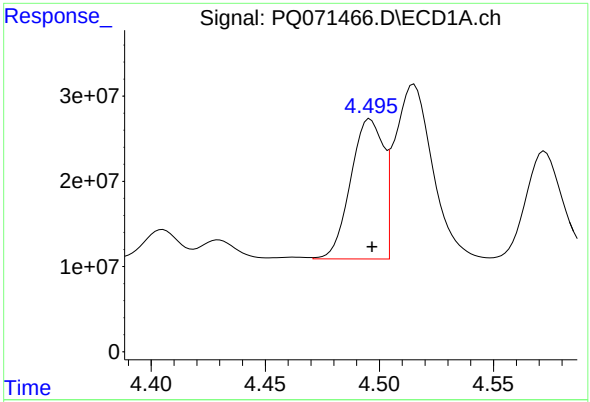
#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 281005524
Conc: 44.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 395610866
Conc: 43.29 ng/ml



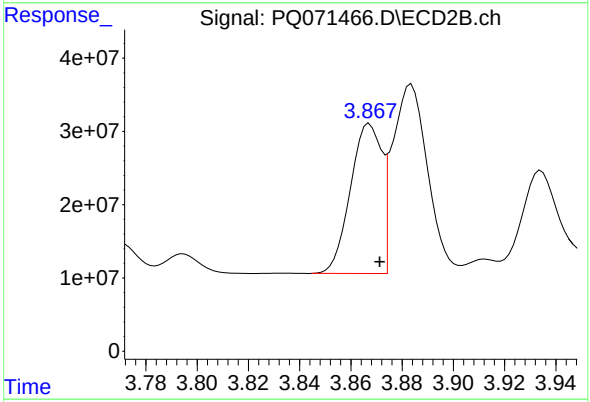
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 163905282
Conc: 495.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

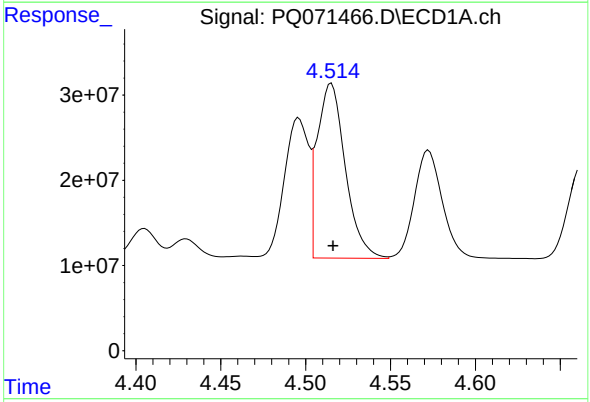
Manual Integrations APPROVED

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



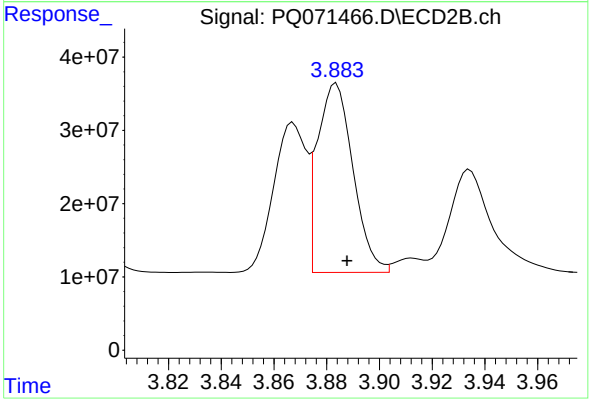
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.005 min
Response: 179253334
Conc: 495.01 ng/ml m



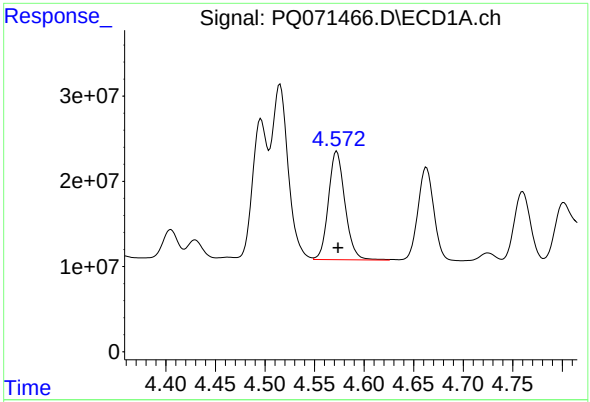
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 236243119
Conc: 496.71 ng/ml



#4 AR-1016-2

R.T.: 3.883 min
Delta R.T.: -0.005 min
Response: 235625053
Conc: 479.71 ng/ml m



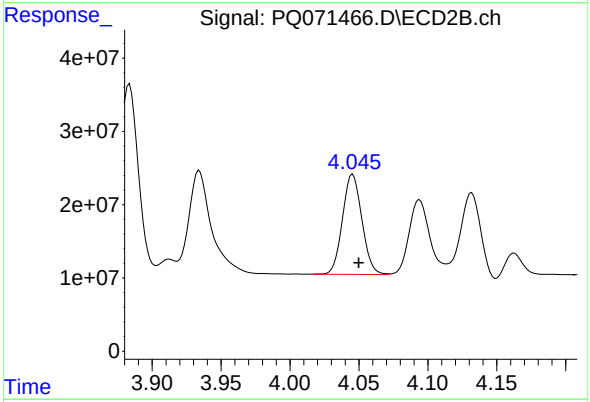
#5 AR-1016-3

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 147447717
Conc: 494.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

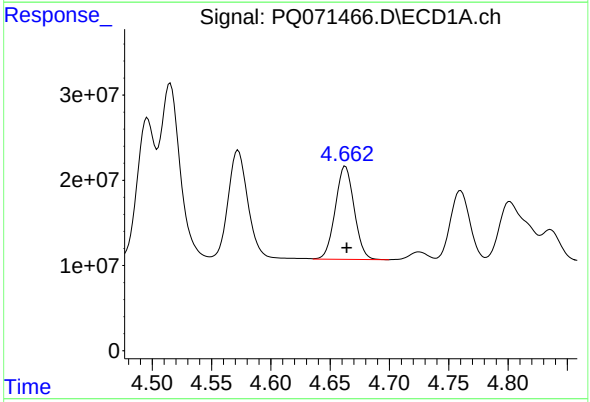
Manual Integrations APPROVED

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



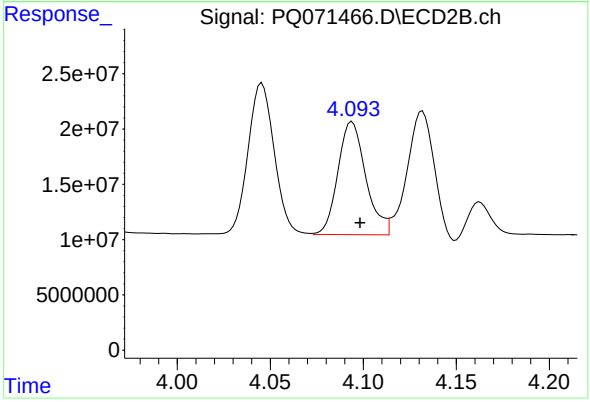
#5 AR-1016-3

R.T.: 4.045 min
Delta R.T.: -0.005 min
Response: 133936184
Conc: 481.80 ng/ml m



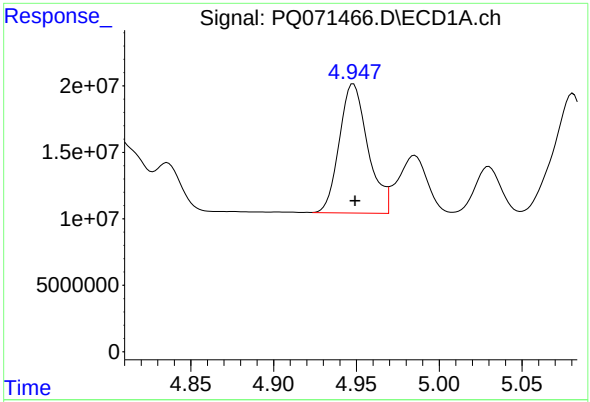
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 121334634
Conc: 494.14 ng/ml



#6 AR-1016-4

R.T.: 4.093 min
Delta R.T.: -0.005 min
Response: 107919122
Conc: 481.25 ng/ml m



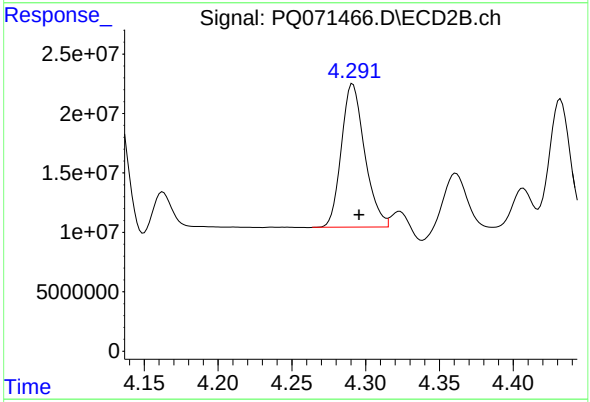
#7 AR-1016-5

R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 116645888
Conc: 493.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

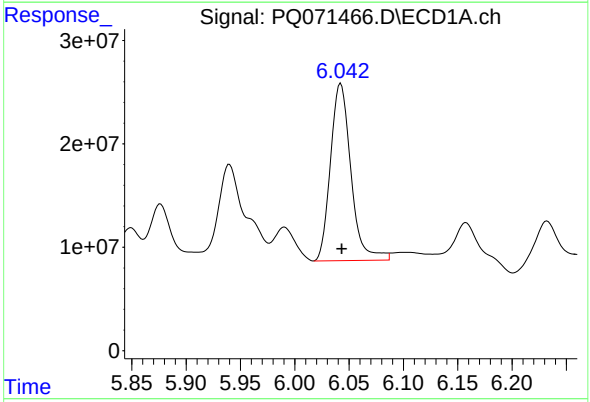
Manual Integrations APPROVED

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



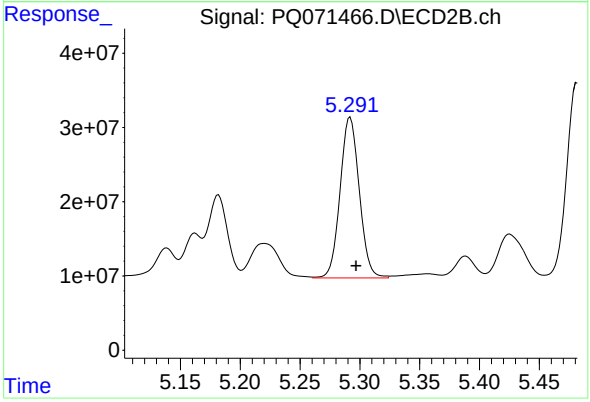
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 133471715
Conc: 479.14 ng/ml m



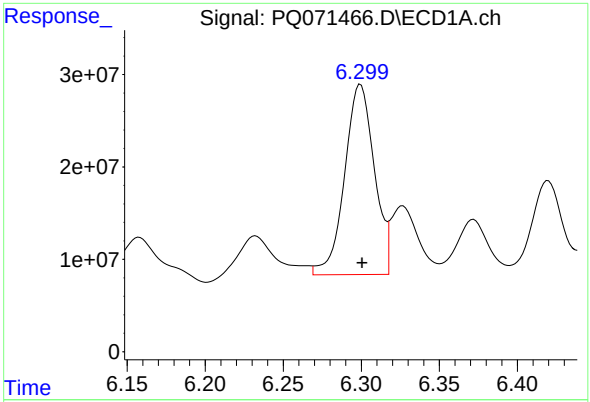
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 224827735
Conc: 502.41 ng/ml



#31 AR-1260-1

R.T.: 5.291 min
Delta R.T.: -0.006 min
Response: 241314346
Conc: 483.67 ng/ml m



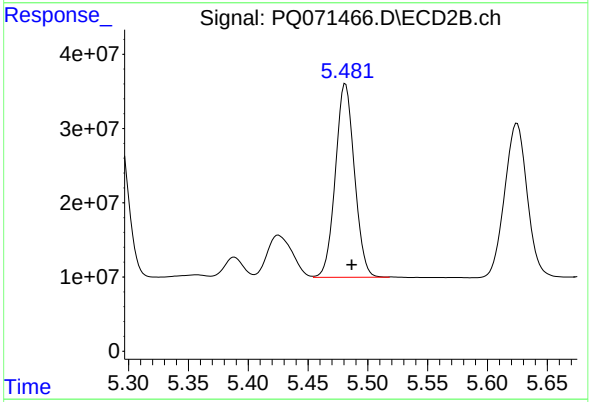
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 272744369
Conc: 533.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

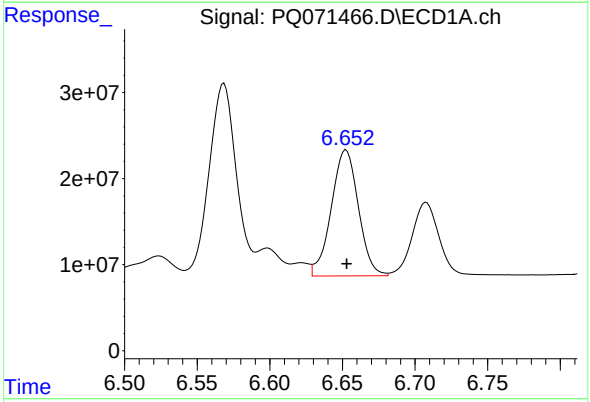
Manual Integrations APPROVED

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



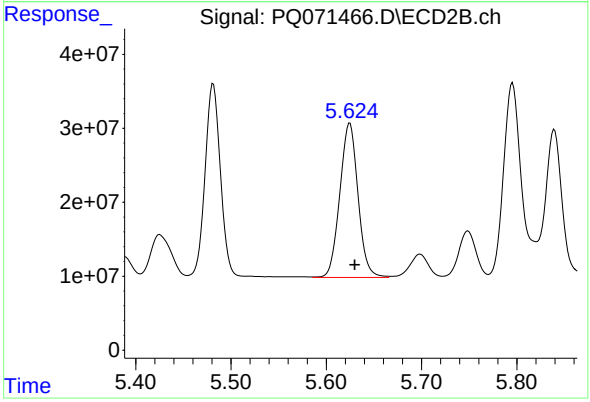
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 289178166
Conc: 476.90 ng/ml m



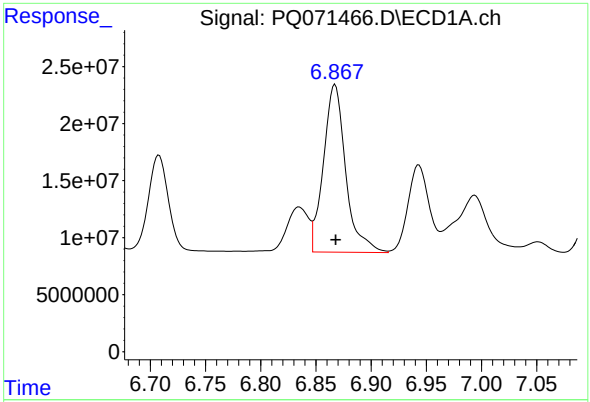
#33 AR-1260-3

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 190433954
Conc: 497.56 ng/ml



#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 276763650
Conc: 468.15 ng/ml m



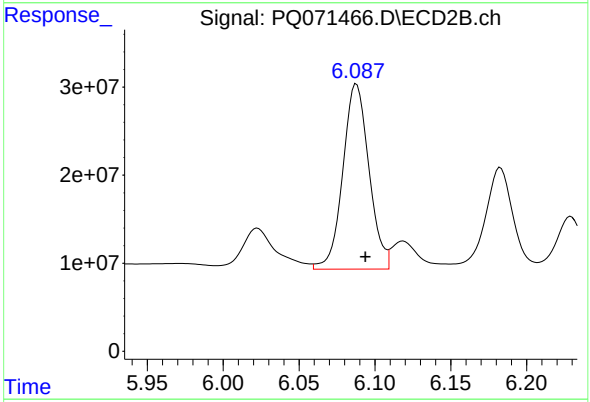
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 206451309
Conc: 493.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

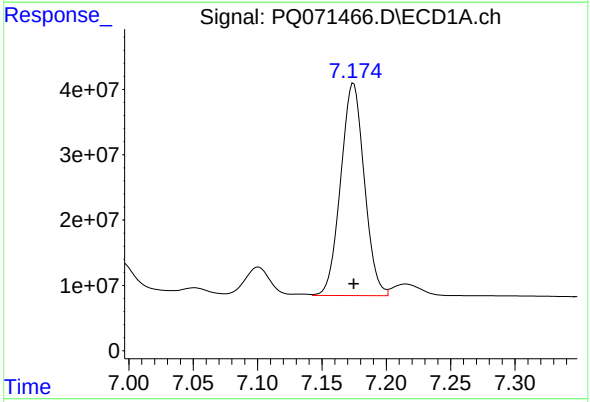
Manual Integrations APPROVED

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



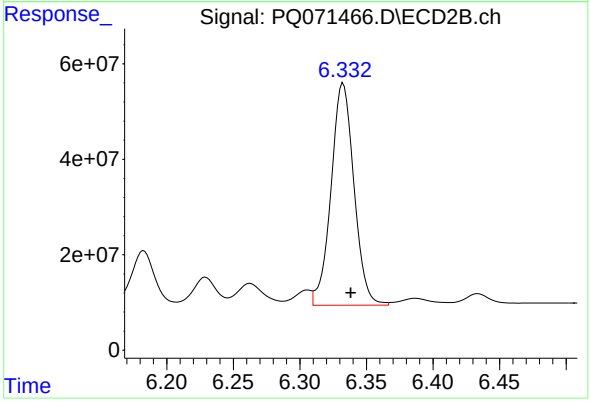
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 252536052
Conc: 509.78 ng/ml



#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 414667488
Conc: 498.26 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 558097334
Conc: 486.03 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.:** Q3672

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 04:34 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	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

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.:** Q3672

Continuing Calib Date: 11/22/2025 **Initial Calibration Date(s):** 11/18/2025 11/18/2025

Continuing Calib Time: 04:34 **Initial Calibration Time(s):** 12:13 17:52

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	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)	5.62	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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL08 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071471.D **Time Analyzed:** 04:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.497	4.397	4.597	490.540	500.000	-1.9
Aroclor-1016-2	4.516	4.416	4.616	494.220	500.000	-1.2
Aroclor-1016-3	4.573	4.474	4.674	484.310	500.000	-3.1
Aroclor-1016-4	4.664	4.564	4.764	480.250	500.000	-4.0
Aroclor-1016-5	4.949	4.849	5.049	487.140	500.000	-2.6
Aroclor-1260-1	6.043	5.943	6.143	487.540	500.000	-2.5
Aroclor-1260-2	6.299	6.200	6.400	496.510	500.000	-0.7
Aroclor-1260-3	6.652	6.552	6.752	490.270	500.000	-1.9
Aroclor-1260-4	6.867	6.767	6.967	484.300	500.000	-3.1
Aroclor-1260-5	7.174	7.075	7.275	489.760	500.000	-2.0
Decachlorobiphenyl	8.536	8.437	8.637	44.280	50.000	-11.4
Tetrachloro-m-xylene	3.411	3.311	3.511	47.490	50.000	-5.0

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL08 **Date Analyzed:** 11/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071471.D **Time Analyzed:** 04:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.868	3.771	3.971	490.430	500.000	-1.9
Aroclor-1016-2	3.884	3.788	3.988	501.320	500.000	0.3
Aroclor-1016-3	4.046	3.950	4.150	539.610	500.000	7.9
Aroclor-1016-4	4.095	3.998	4.198	524.920	500.000	5.0
Aroclor-1016-5	4.292	4.195	4.395	562.410	500.000	12.5
Aroclor-1260-1	5.292	5.197	5.397	467.500	500.000	-6.5
Aroclor-1260-2	5.481	5.386	5.586	466.830	500.000	-6.6
Aroclor-1260-3	5.624	5.530	5.730	452.590	500.000	-9.5
Aroclor-1260-4	6.089	5.993	6.193	499.630	500.000	-0.1
Aroclor-1260-5	6.333	6.238	6.438	500.020	500.000	0.0
Decachlorobiphenyl	7.653	7.559	7.759	42.520	50.000	-15.0
Tetrachloro-m-xylene	2.854	2.756	2.956	45.950	50.000	-8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:34
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 01:03:28 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	413.4E6	429.0E6	47.488	45.946
2)	SA Decachlor...	8.536	7.653	277.3E6	388.6E6	44.283	42.524
	Target Compounds						
3)	L1 AR-1016-1	4.497	3.868	162.1E6	177.6E6	490.539	490.427
4)	L1 AR-1016-2	4.516	3.884	235.1E6	246.2E6	494.218	501.316
5)	L1 AR-1016-3	4.573	4.046	144.5E6	150.0E6	484.312	539.613
6)	L1 AR-1016-4	4.664	4.095	117.9E6	117.7E6	480.251	524.917
7)	L1 AR-1016-5	4.949	4.292	115.2E6	156.7E6	487.144	562.406
31)	L7 AR-1260-1	6.043	5.292	218.2E6	233.2E6	487.542	467.501m
32)	L7 AR-1260-2	6.299	5.481	253.7E6	283.1E6	496.509m	466.832m
33)	L7 AR-1260-3	6.652	5.624	187.6E6	267.6E6	490.273	452.591m
34)	L7 AR-1260-4	6.867	6.089	202.5E6	247.5E6	484.304	499.628
35)	L7 AR-1260-5	7.174	6.333	407.6E6	574.2E6	489.756	500.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071471.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 04:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

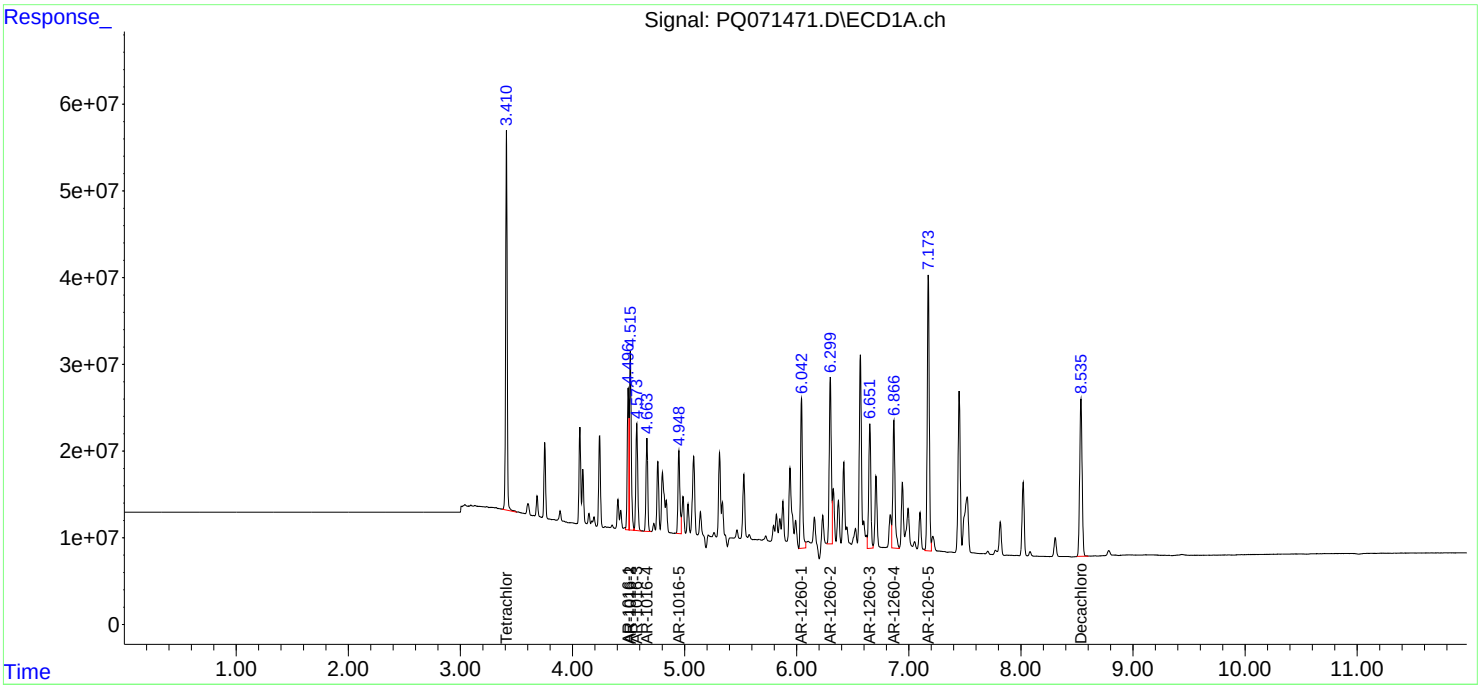
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

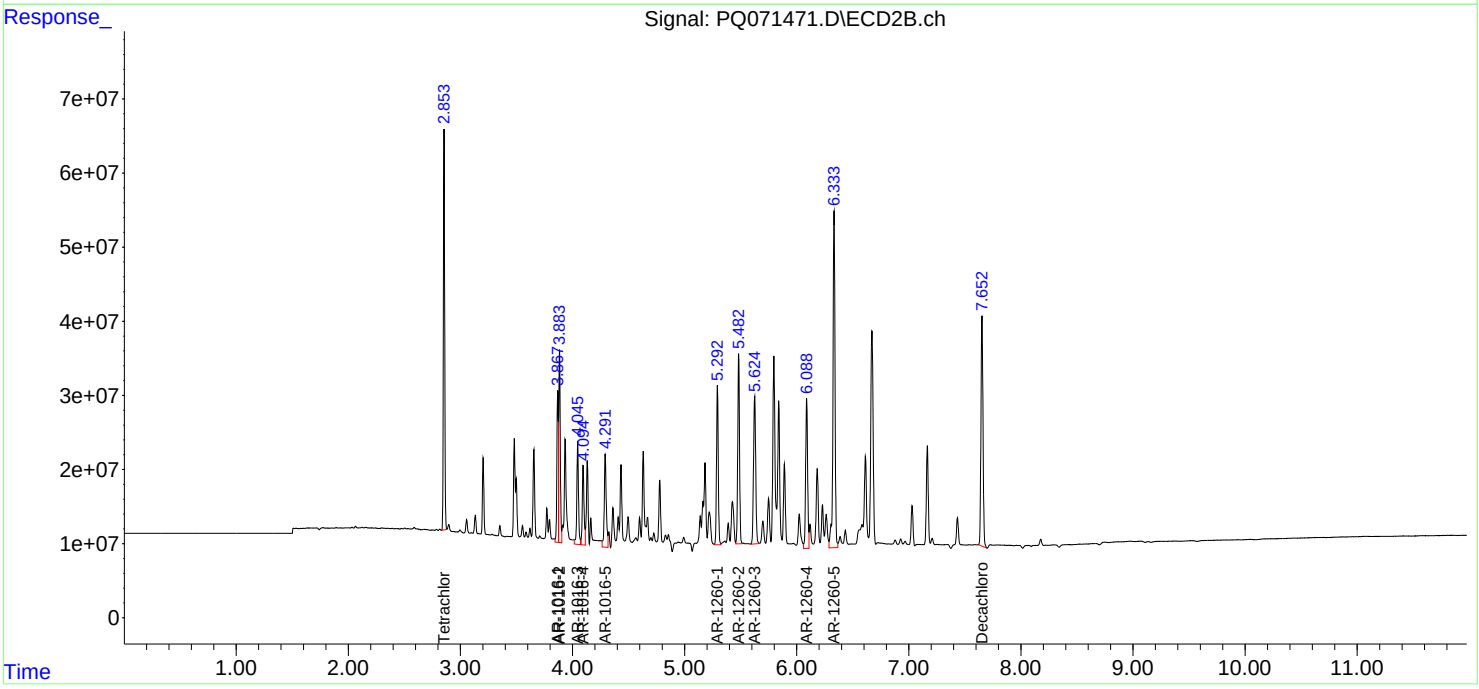
Manual Integrations APPROVED

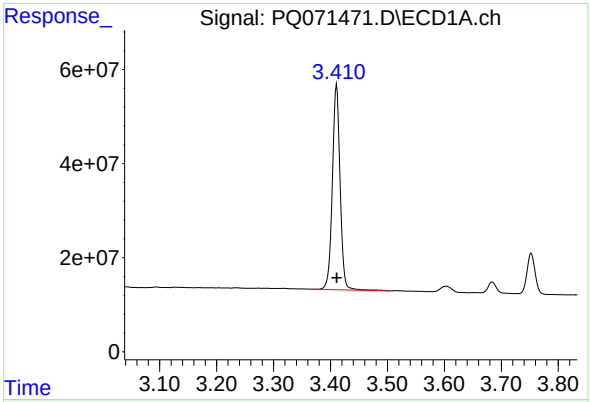
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:03:28 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







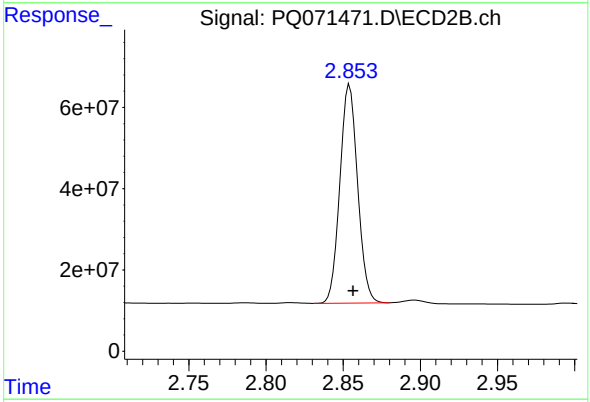
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 413389463
Conc: 47.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

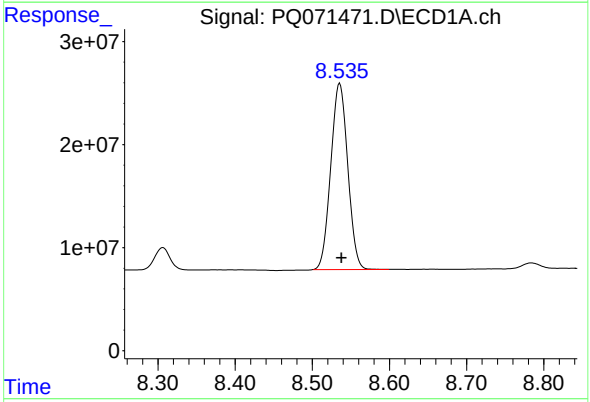
Manual Integrations APPROVED

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



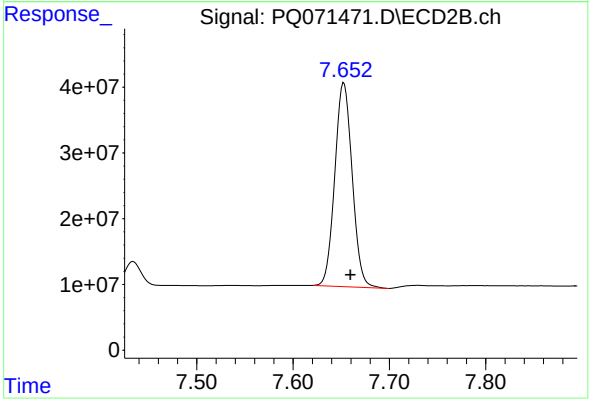
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 428986857
Conc: 45.95 ng/ml



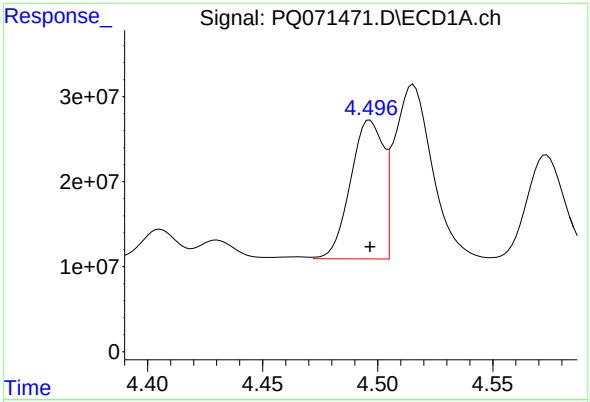
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 277282030
Conc: 44.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 388569367
Conc: 42.52 ng/ml



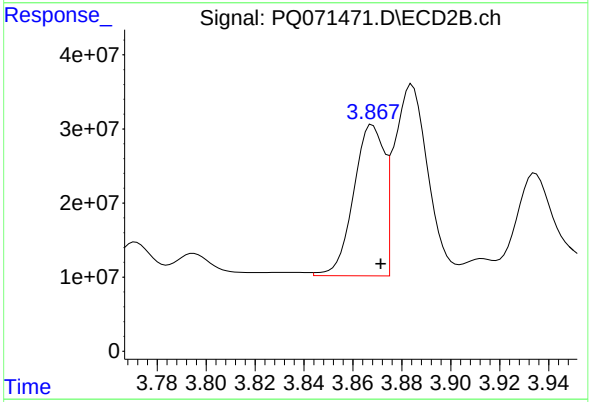
#3 AR-1016-1

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 162147510
Conc: 490.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

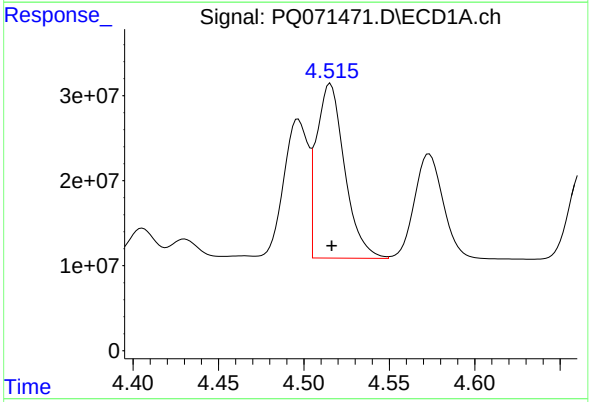
Manual Integrations APPROVED

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



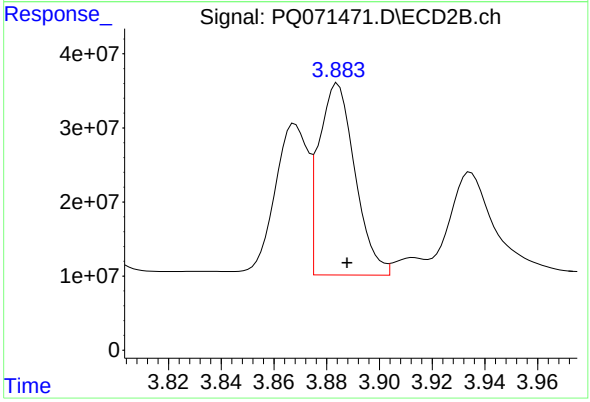
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.003 min
Response: 177595028
Conc: 490.43 ng/ml



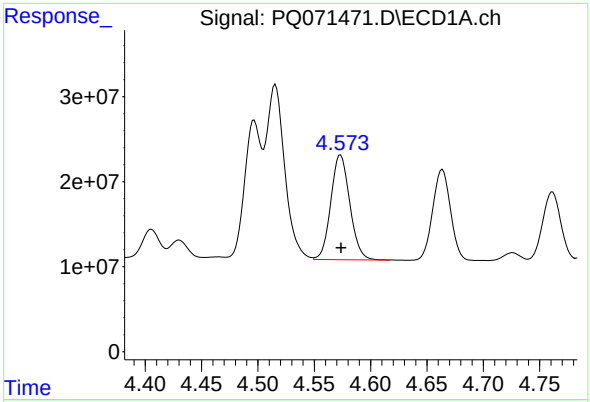
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 235059751
Conc: 494.22 ng/ml



#4 AR-1016-2

R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 246237502
Conc: 501.32 ng/ml



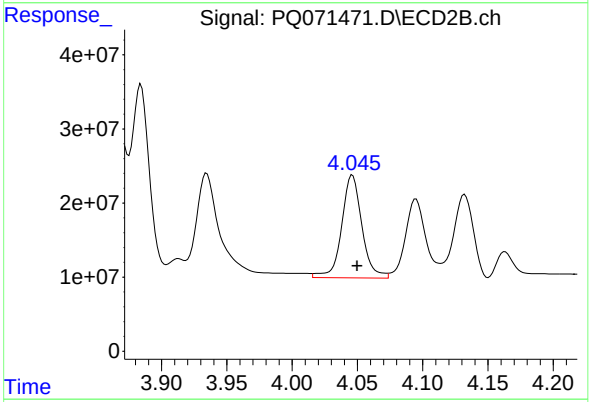
#5 AR-1016-3

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 144547136
Conc: 484.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

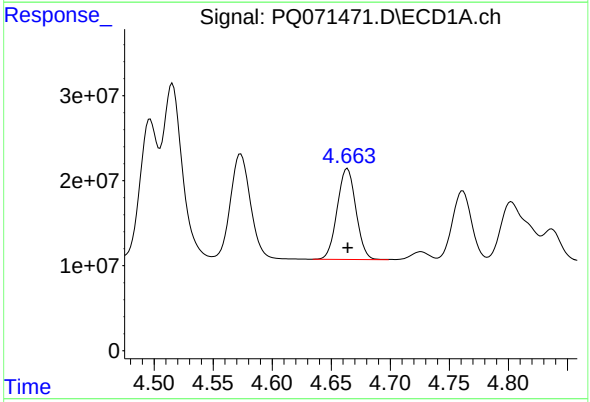
Manual Integrations APPROVED

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



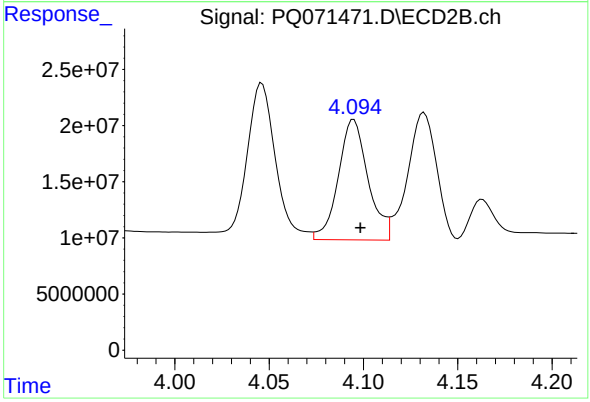
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 150008105
Conc: 539.61 ng/ml



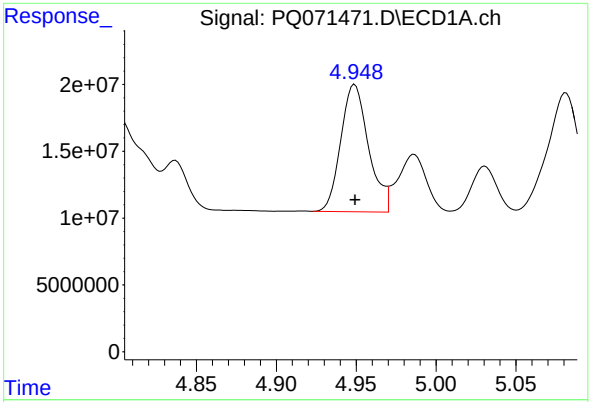
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 117924274
Conc: 480.25 ng/ml



#6 AR-1016-4

R.T.: 4.095 min
Delta R.T.: -0.003 min
Response: 117711609
Conc: 524.92 ng/ml



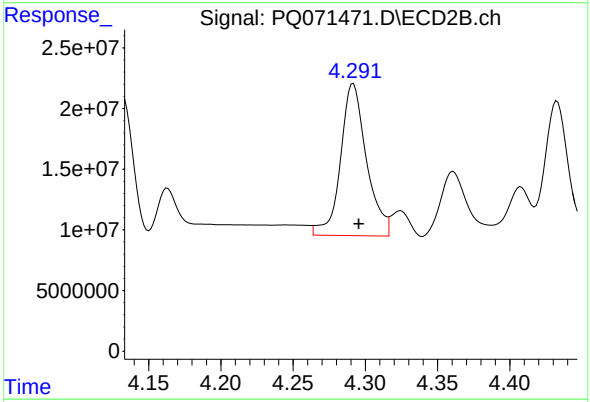
#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 115168112
Conc: 487.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

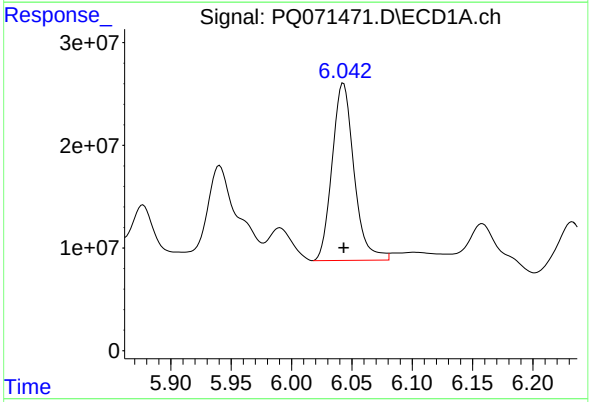
Manual Integrations APPROVED

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



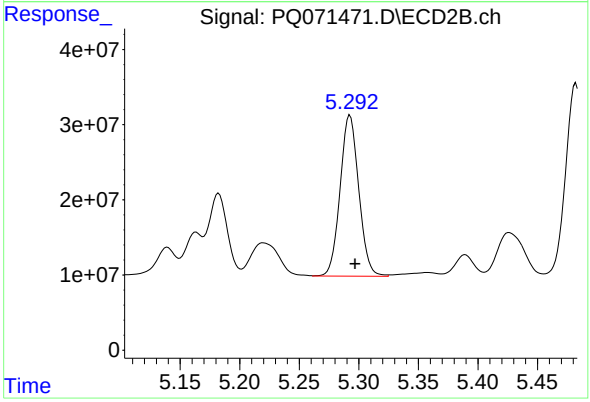
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 156668362
Conc: 562.41 ng/ml



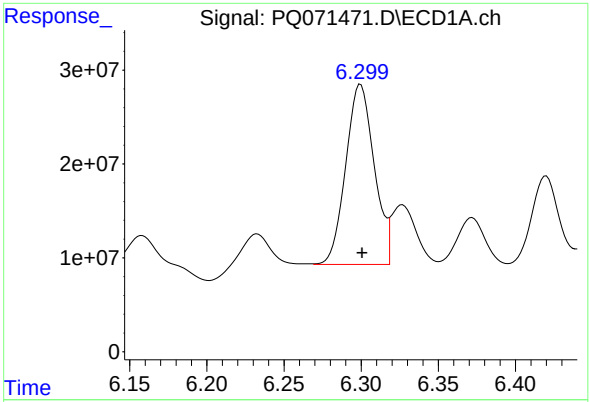
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 218173461
Conc: 487.54 ng/ml



#31 AR-1260-1

R.T.: 5.292 min
Delta R.T.: -0.005 min
Response: 233248696
Conc: 467.50 ng/ml m



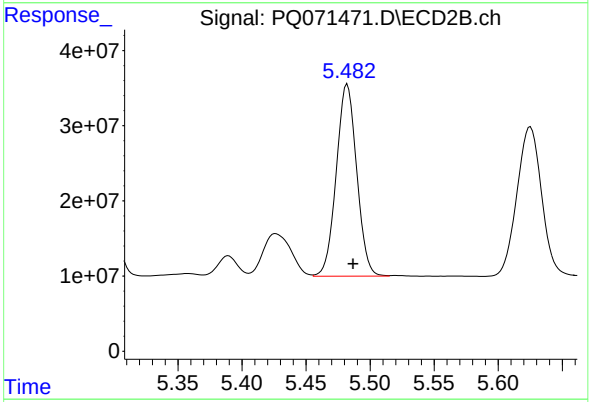
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 253673179
Conc: 496.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

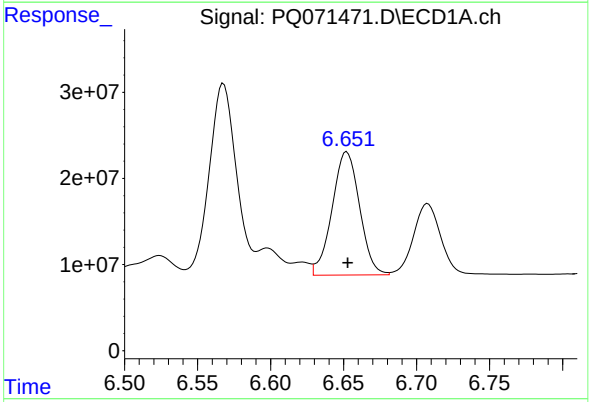
Manual Integrations APPROVED

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



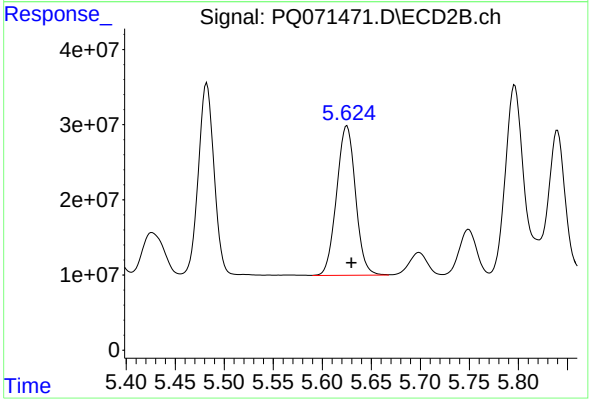
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 283075638
Conc: 466.83 ng/ml m



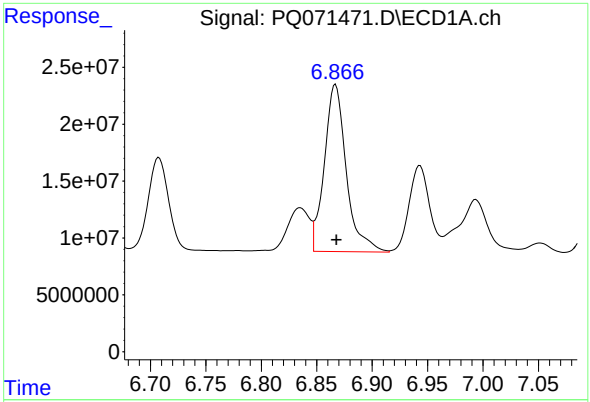
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 187644152
Conc: 490.27 ng/ml



#33 AR-1260-3

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 267564693
Conc: 452.59 ng/ml m



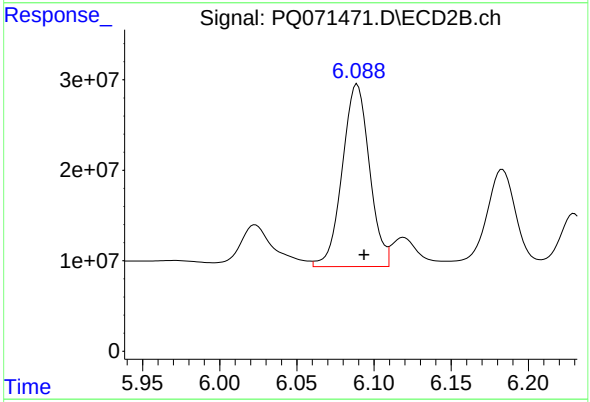
#34 AR-1260-4

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 202509163
Conc: 484.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

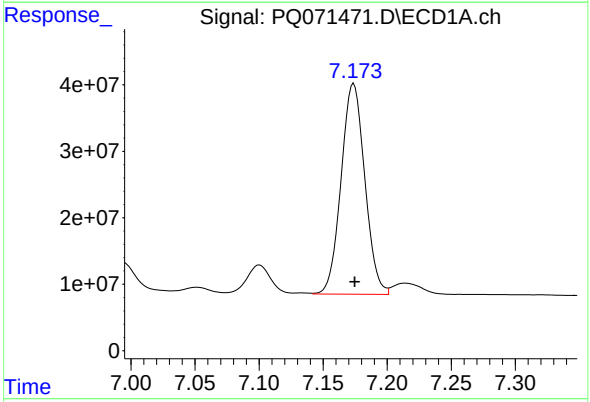
Manual Integrations APPROVED

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



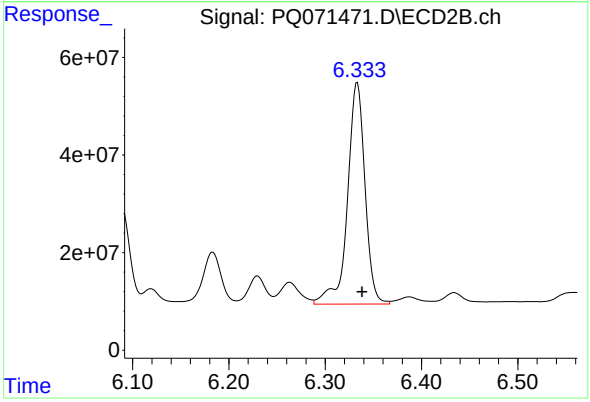
#34 AR-1260-4

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 247504958
Conc: 499.63 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 407593184
Conc: 489.76 ng/ml



#35 AR-1260-5

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 574163481
Conc: 500.02 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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL09 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071474.D **Time Analyzed:** 10:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL09 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071474.D **Time Analyzed:** 10:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

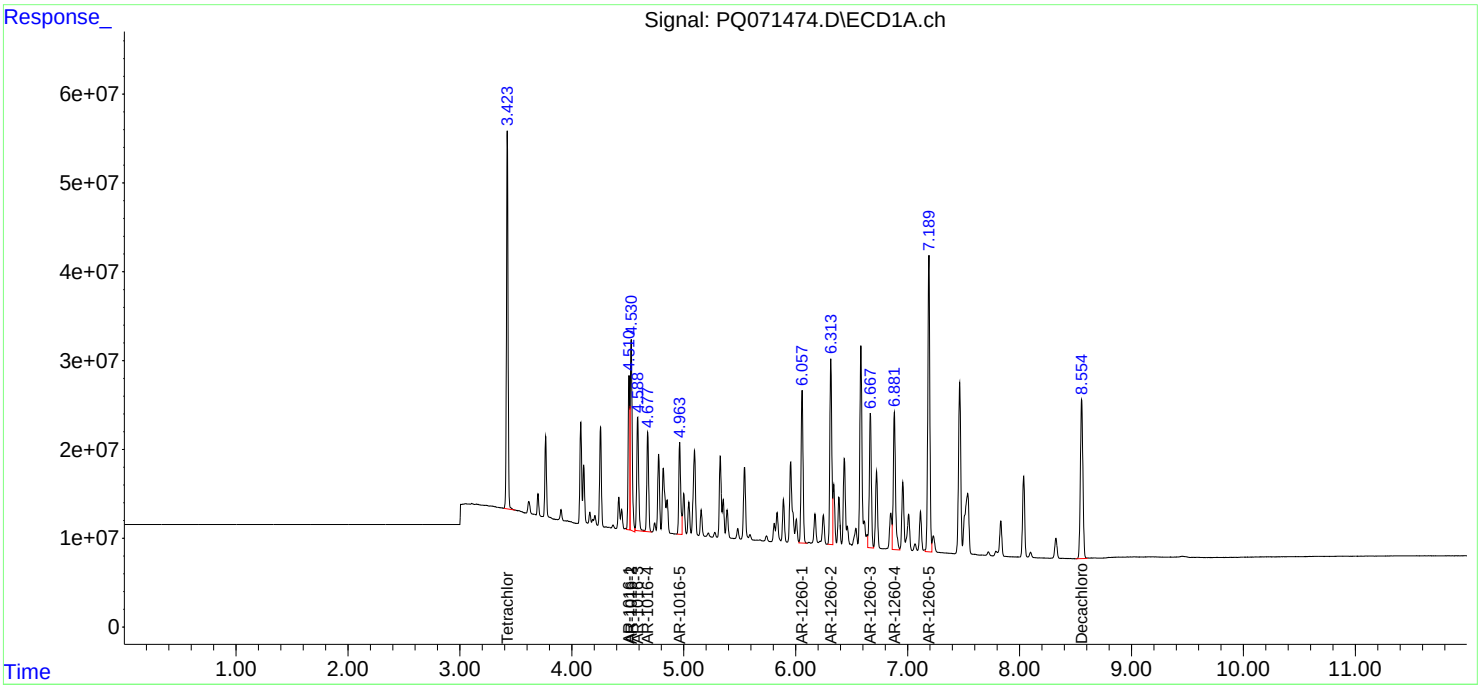
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

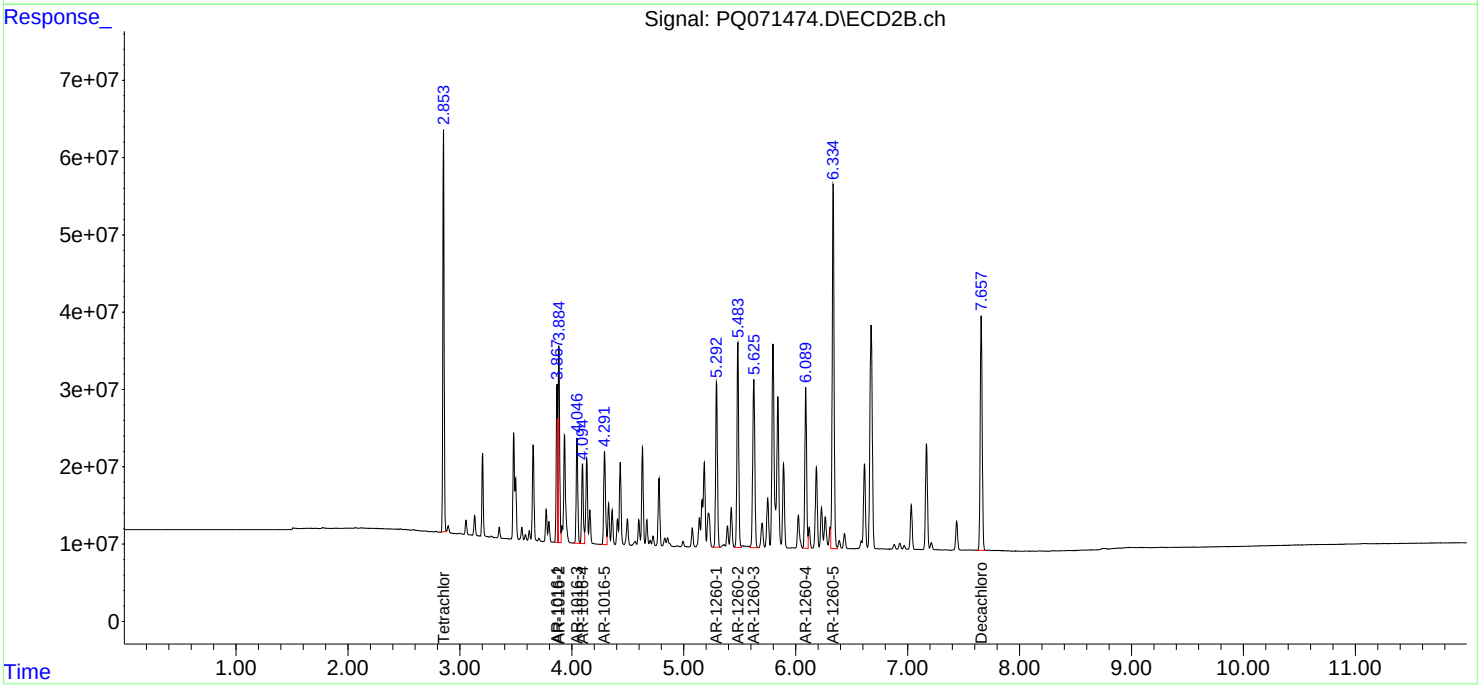
Manual Integrations APPROVED

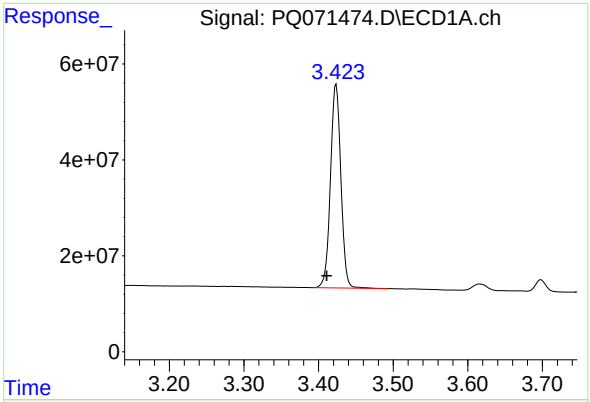
Reviewed By :Rahul Chavli 11/25/2025
Supervised By :mohammad ahmed 11/27/2025

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







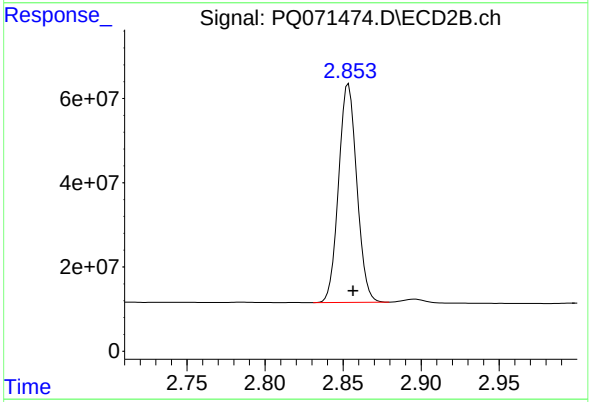
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.013 min
Response: 412172522
Conc: 47.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

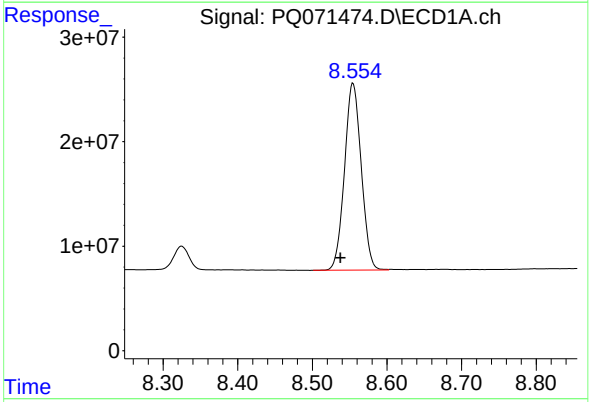
Manual Integrations APPROVED

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



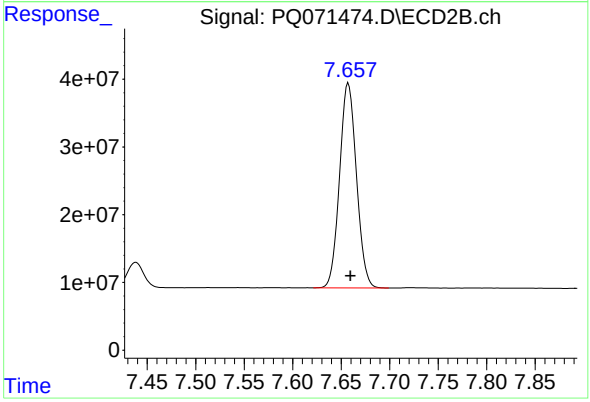
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 421081714
Conc: 45.10 ng/ml



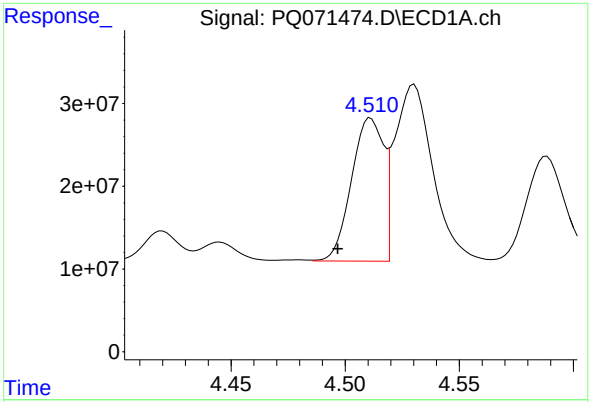
#2 Decachlorobiphenyl

R.T.: 8.555 min
Delta R.T.: 0.017 min
Response: 278587790
Conc: 44.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 366421113
Conc: 40.10 ng/ml



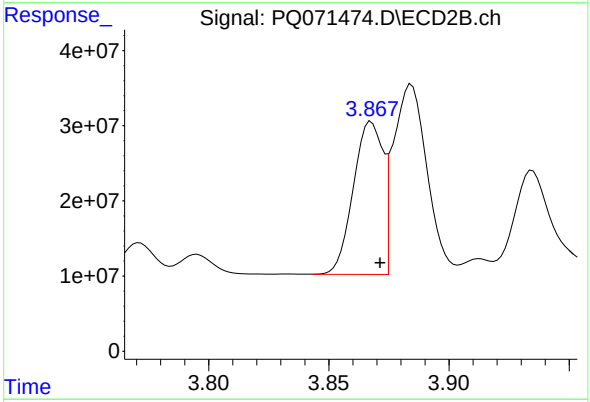
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.014 min
Response: 169283941
Conc: 512.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

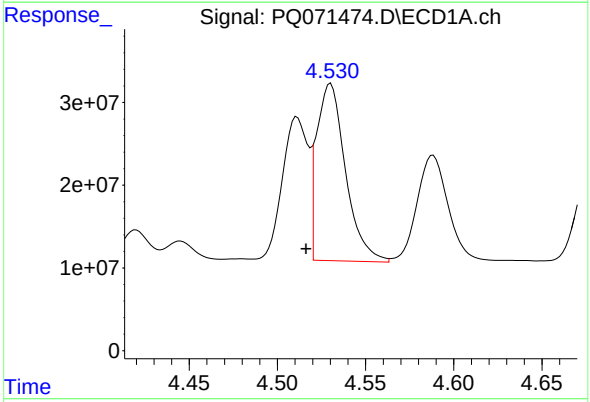
Manual Integrations APPROVED

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



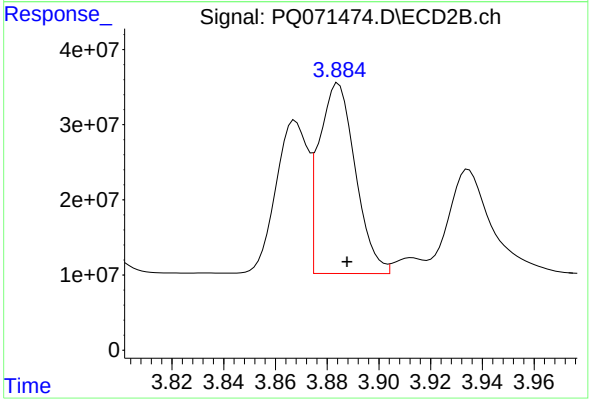
#3 AR-1016-1

R.T.: 3.868 min
Delta R.T.: -0.004 min
Response: 173978462
Conc: 480.44 ng/ml



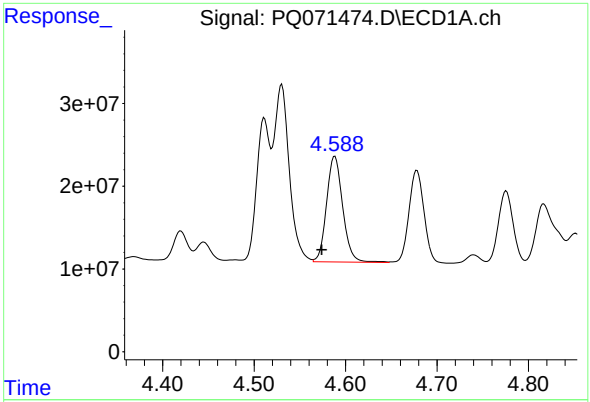
#4 AR-1016-2

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



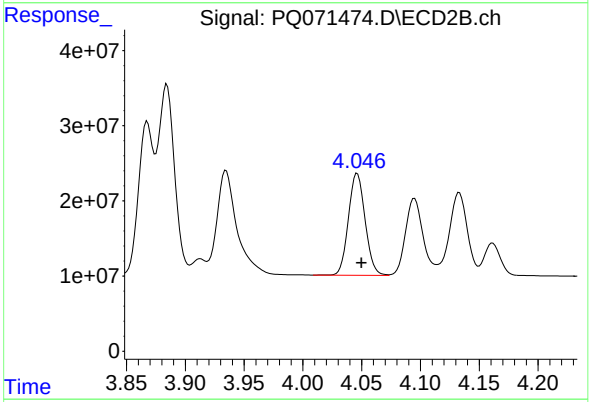
#5 AR-1016-3

R.T.: 4.588 min
Delta R.T.: 0.014 min
Response: 156733685
Conc: 525.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

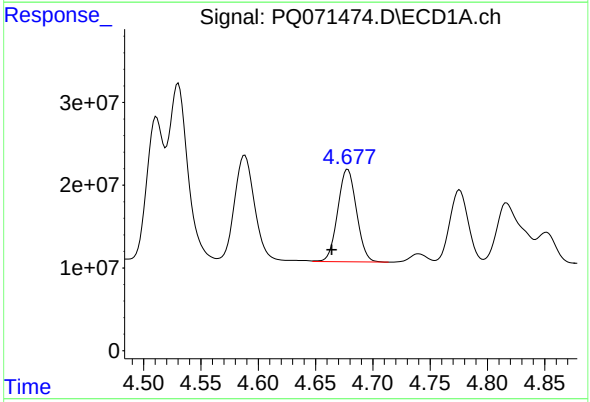
Manual Integrations APPROVED

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



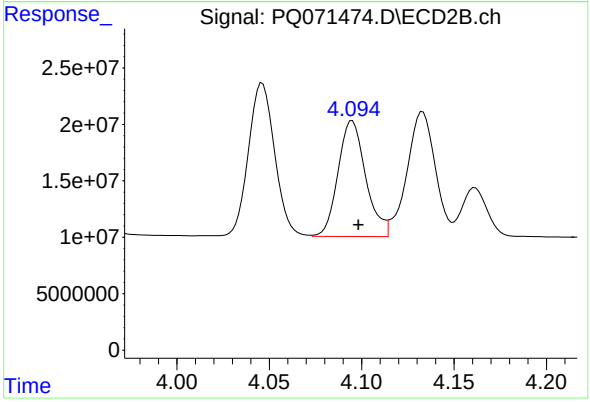
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 134112915
Conc: 482.43 ng/ml



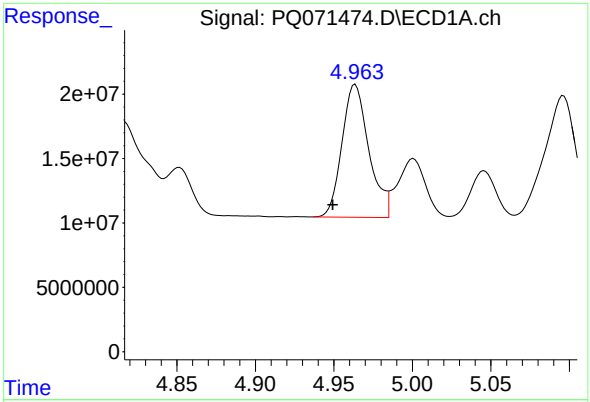
#6 AR-1016-4

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



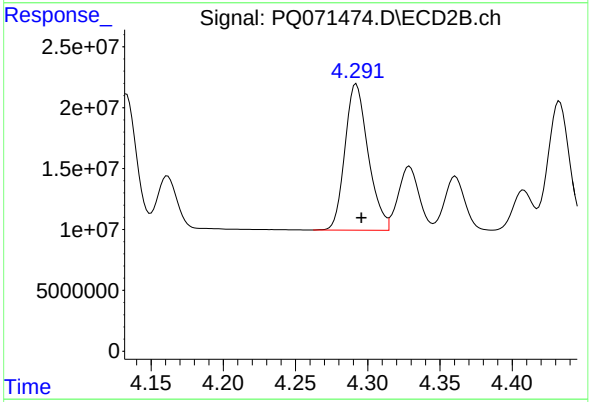
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.014 min
Response: 123019361
Conc: 520.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

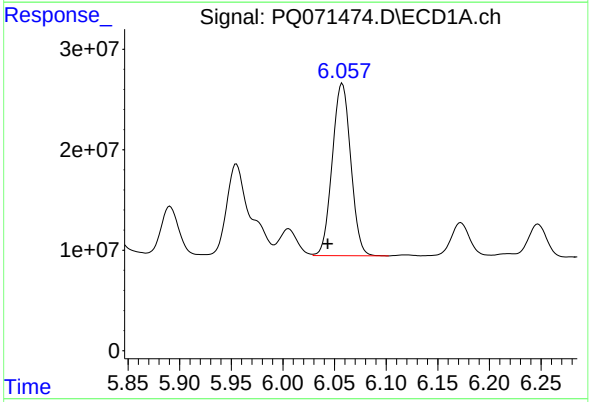
Manual Integrations APPROVED

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



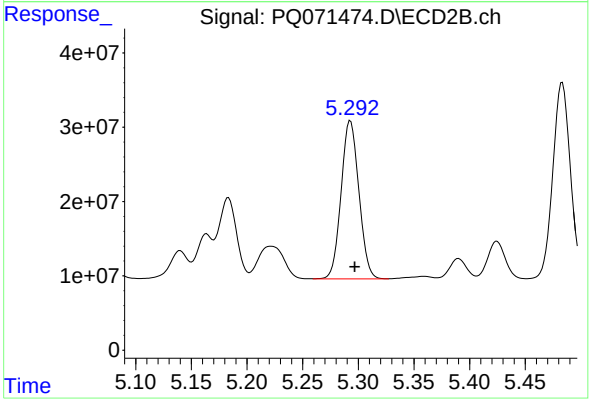
#7 AR-1016-5

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 134295320
Conc: 482.09 ng/ml



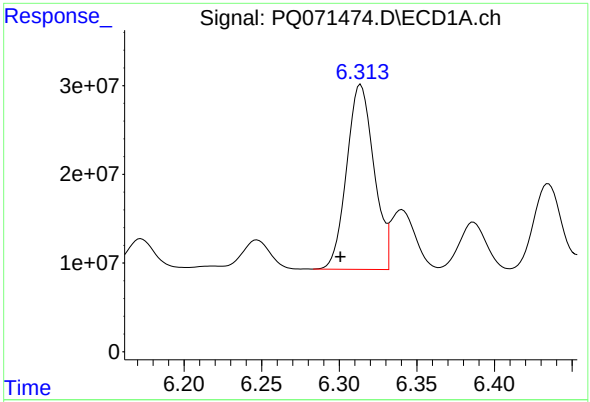
#31 AR-1260-1

R.T.: 6.058 min
Delta R.T.: 0.014 min
Response: 213849443
Conc: 477.88 ng/ml



#31 AR-1260-1

R.T.: 5.293 min
Delta R.T.: -0.004 min
Response: 236861487
Conc: 474.74 ng/ml



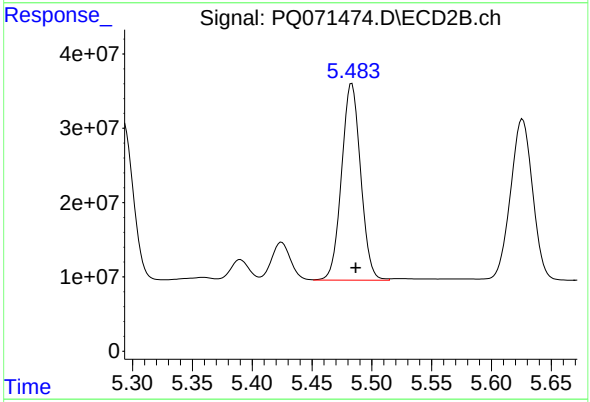
#32 AR-1260-2

R.T.: 6.314 min
Delta R.T.: 0.013 min
Response: 254376760
Conc: 497.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

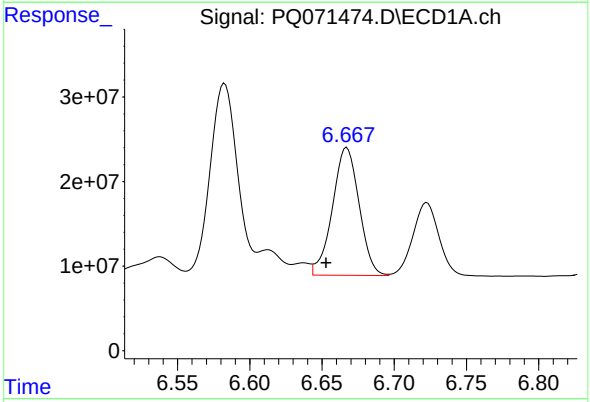
Manual Integrations APPROVED

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



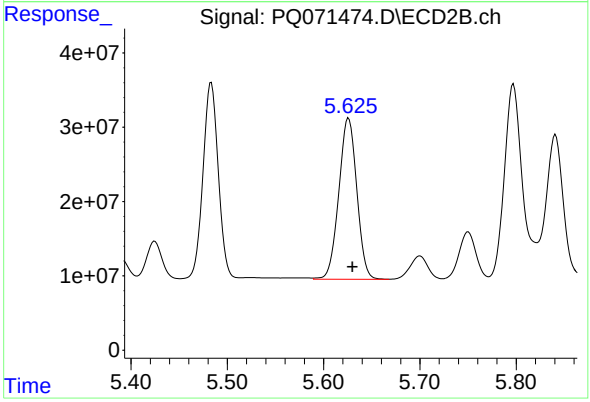
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 293350225
Conc: 483.78 ng/ml



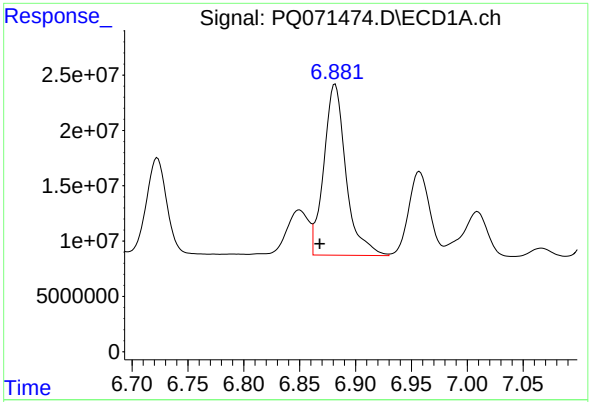
#33 AR-1260-3

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



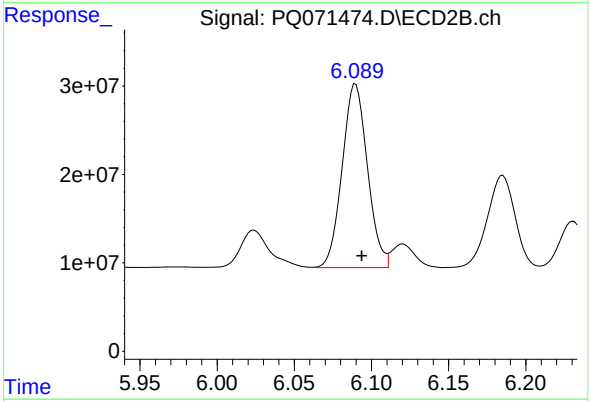
#34 AR-1260-4

R.T.: 6.882 min
Delta R.T.: 0.014 min
Response: 213463897
Conc: 510.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

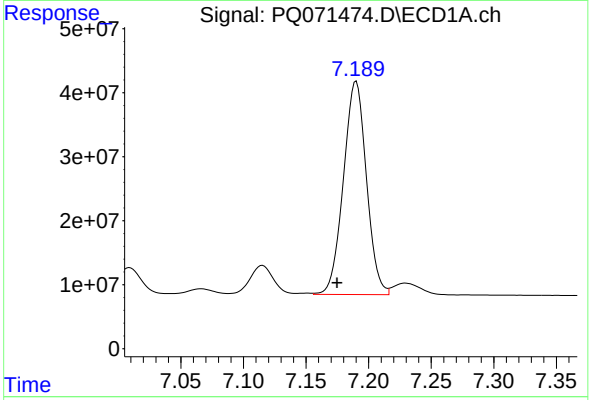
Manual Integrations APPROVED

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



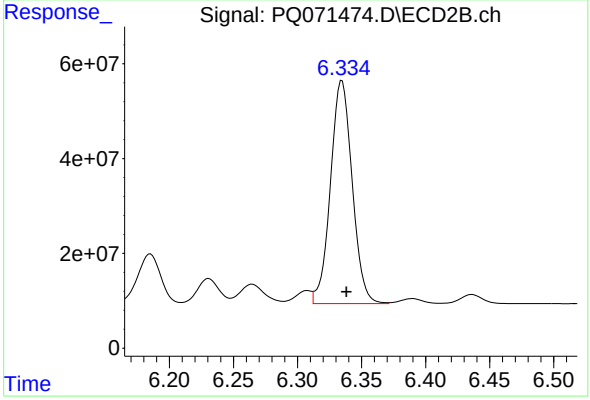
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 236752760
Conc: 477.92 ng/ml



#35 AR-1260-5

R.T.: 7.190 min
Delta R.T.: 0.015 min
Response: 427250818
Conc: 513.38 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 555149309
Conc: 483.46 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

Alliance TECHNICAL GROUP

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL10 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071486.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL10 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071486.D **Time Analyzed:** 15:38

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

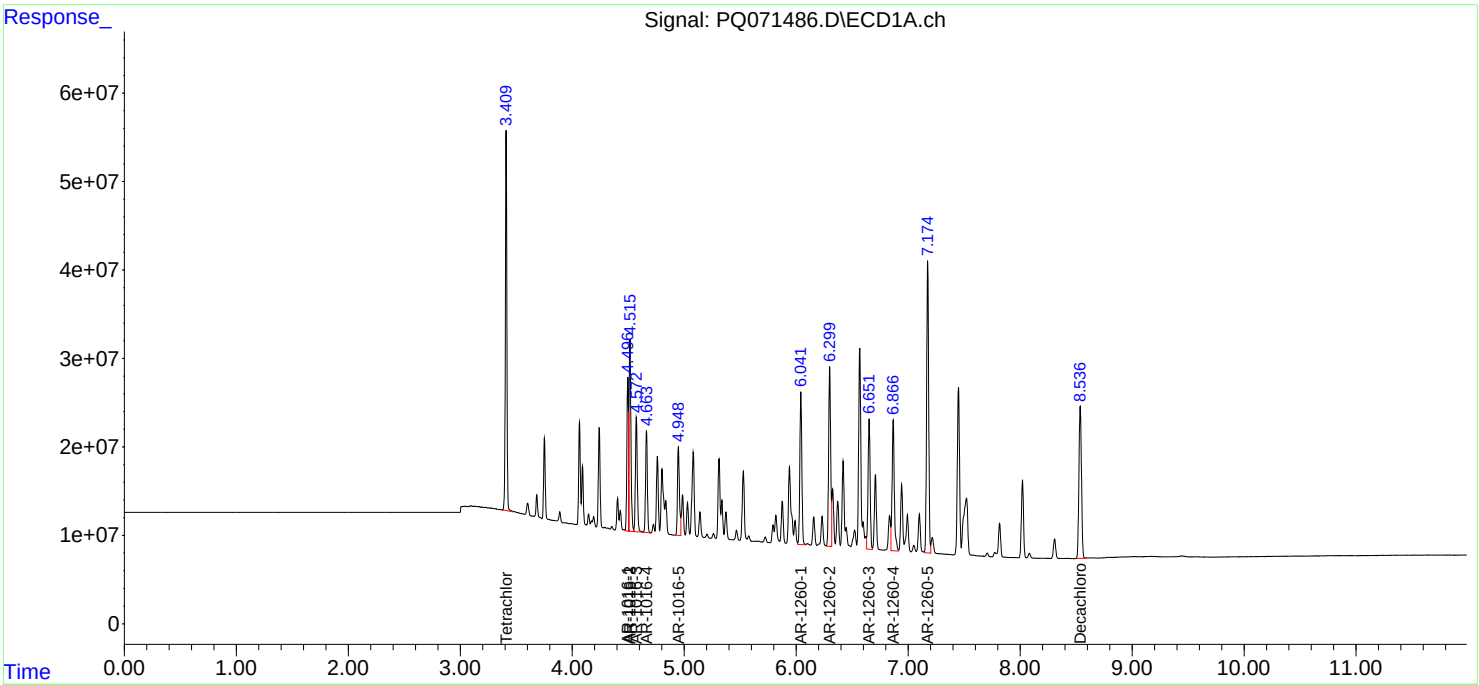
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

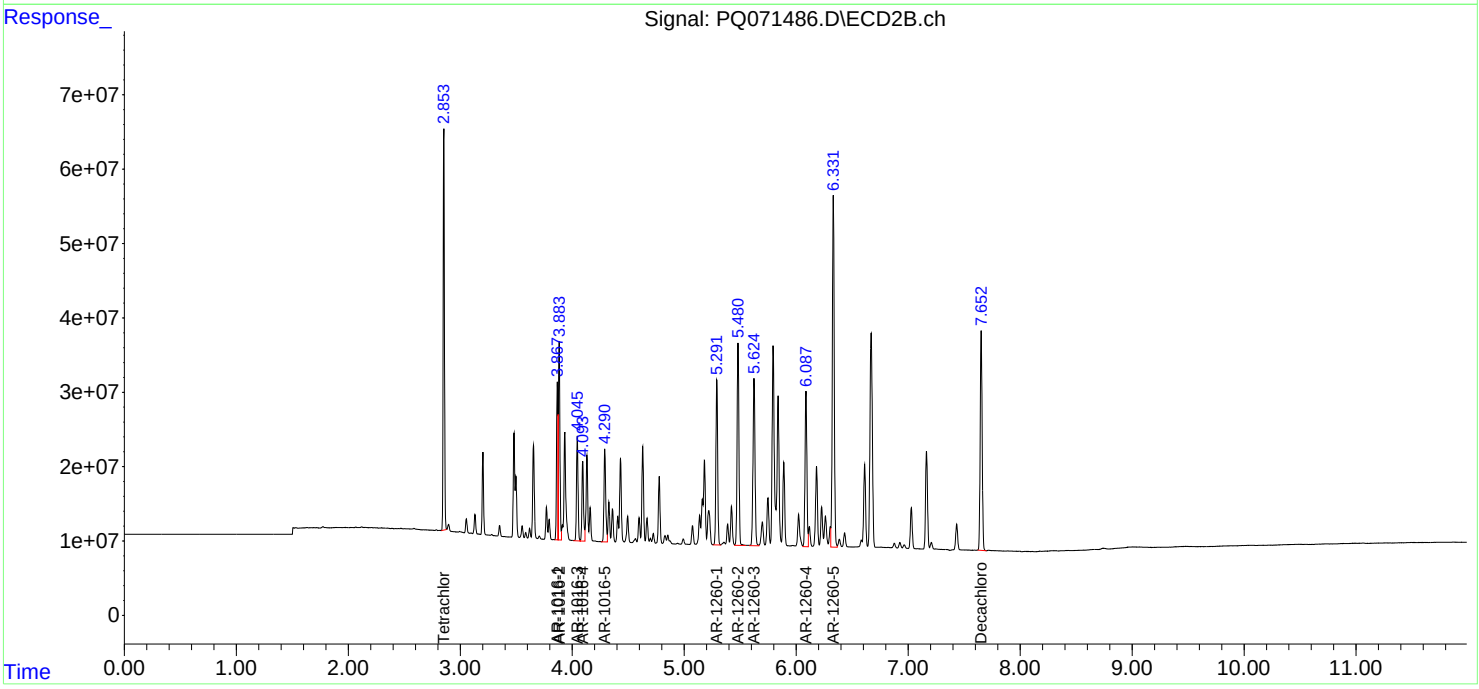
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 15:38
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

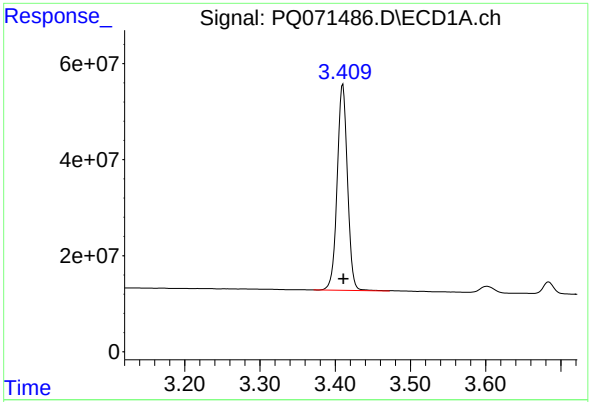
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

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



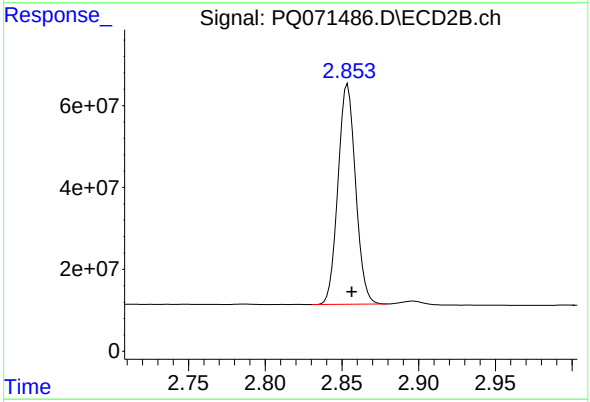




#1 Tetrachloro-m-xylene

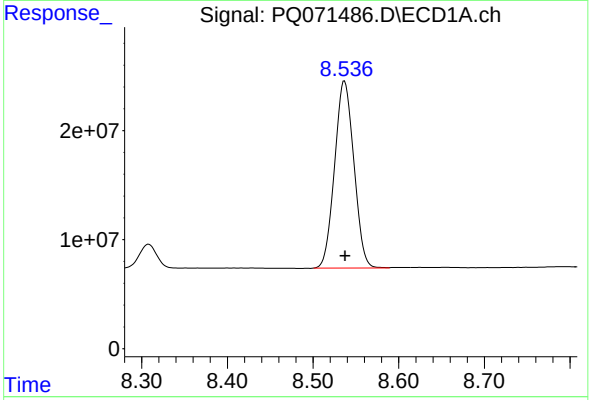
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 408504265
Conc: 46.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



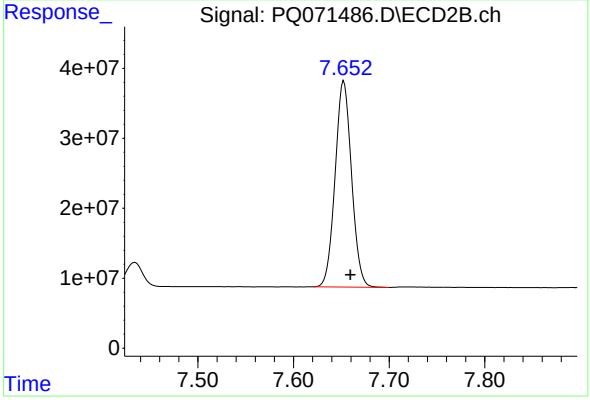
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 430409995
Conc: 46.10 ng/ml



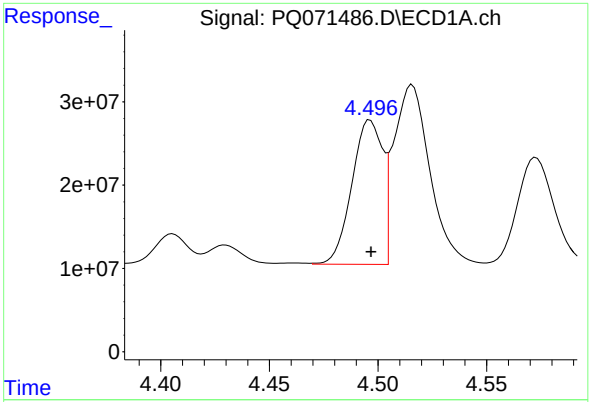
#2 Decachlorobiphenyl

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 268621054
Conc: 42.90 ng/ml



#2 Decachlorobiphenyl

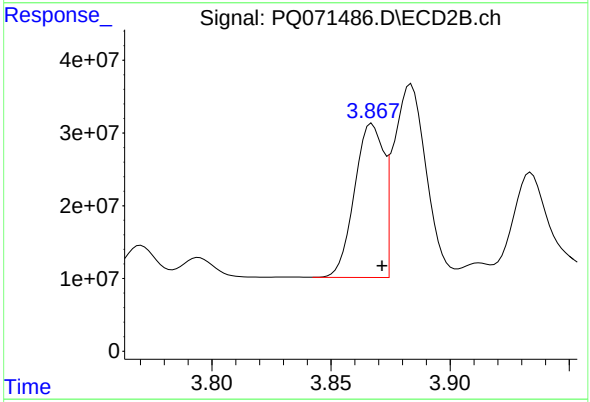
R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 351855565
Conc: 38.51 ng/ml



#3 AR-1016-1

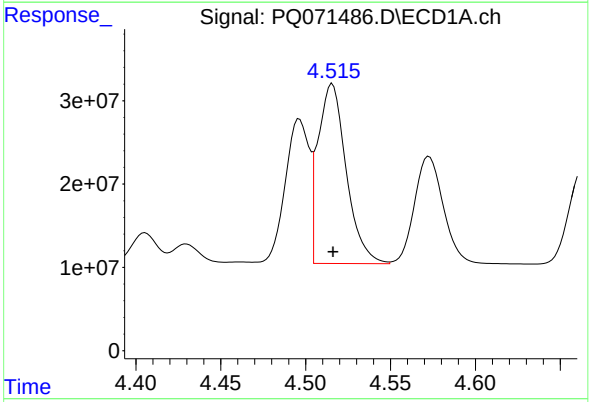
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 170241160
Conc: 515.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



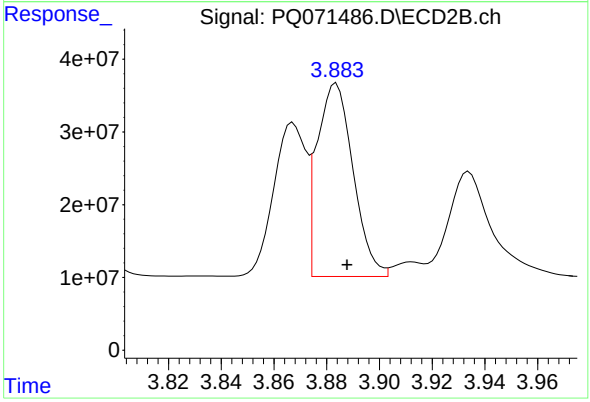
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 179643053
Conc: 496.08 ng/ml



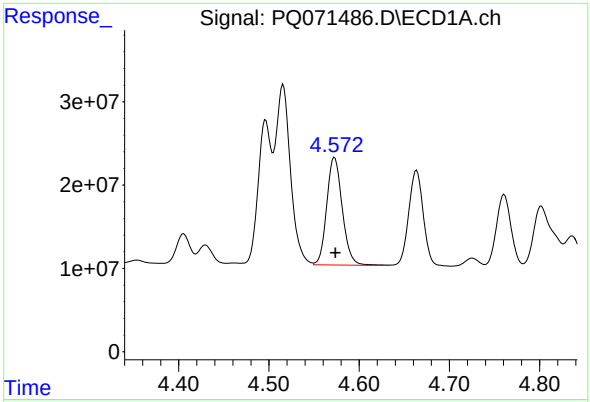
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 250017117
Conc: 525.67 ng/ml



#4 AR-1016-2

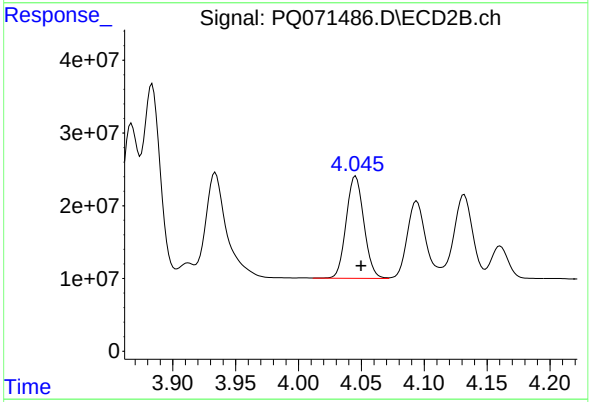
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 251829982
Conc: 512.70 ng/ml



#5 AR-1016-3

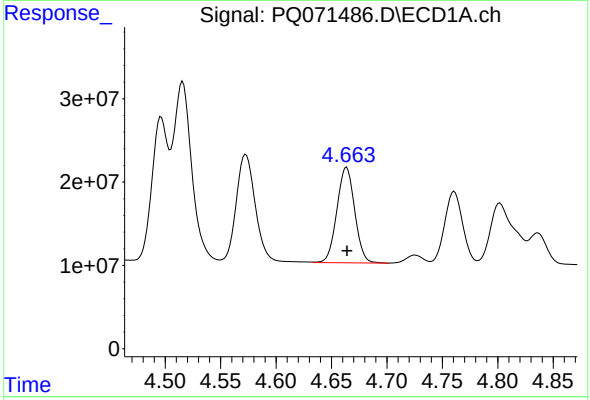
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 154952098
Conc: 519.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



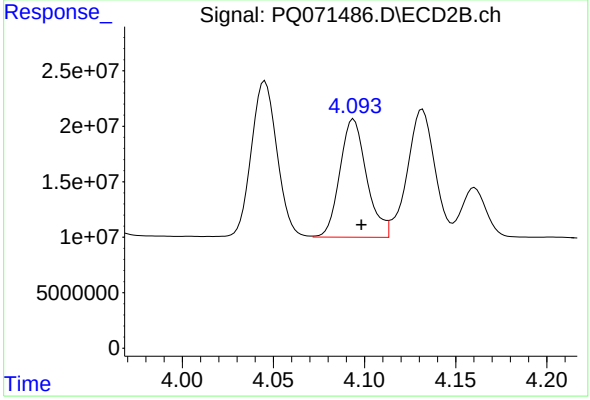
#5 AR-1016-3

R.T.: 4.045 min
Delta R.T.: -0.004 min
Response: 137558441
Conc: 494.83 ng/ml



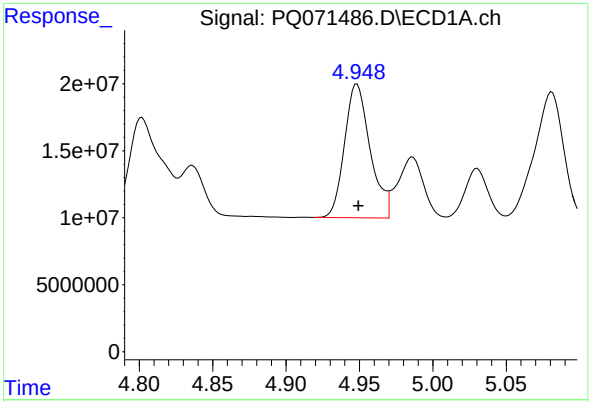
#6 AR-1016-4

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 128239048
Conc: 522.26 ng/ml



#6 AR-1016-4

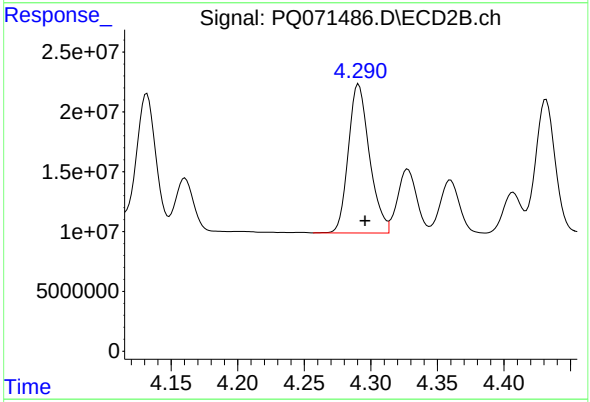
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 108920271
Conc: 485.71 ng/ml



#7 AR-1016-5

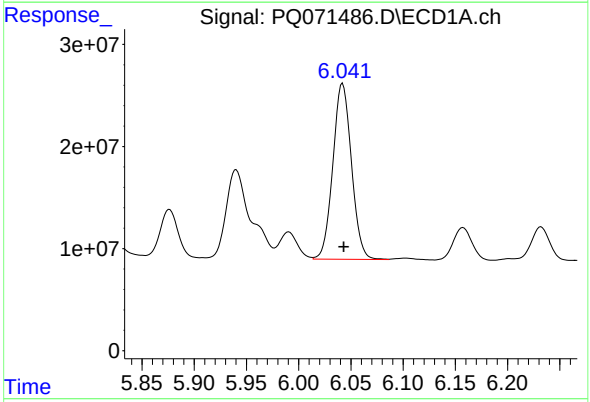
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 121243079
Conc: 512.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



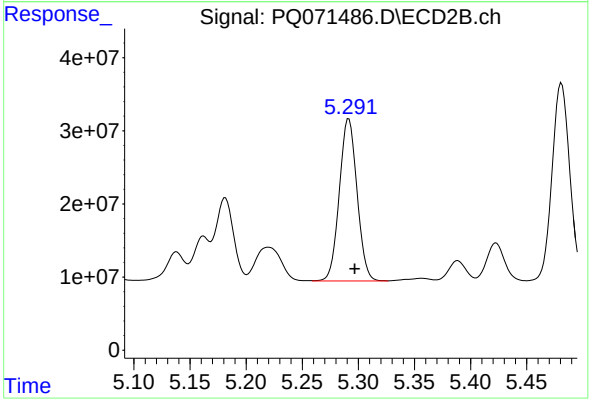
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.005 min
Response: 137649253
Conc: 494.13 ng/ml



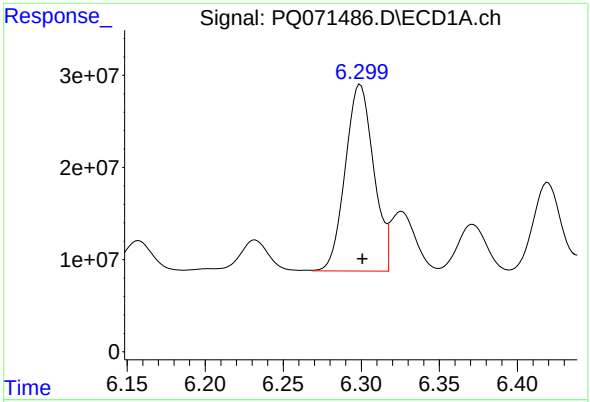
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 213515530
Conc: 477.13 ng/ml



#31 AR-1260-1

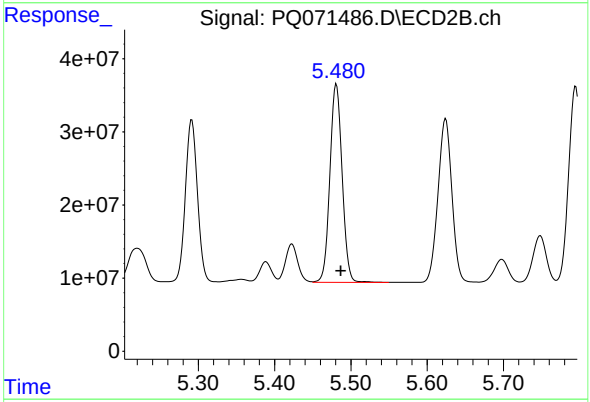
R.T.: 5.291 min
Delta R.T.: -0.005 min
Response: 243563968
Conc: 488.18 ng/ml



#32 AR-1260-2

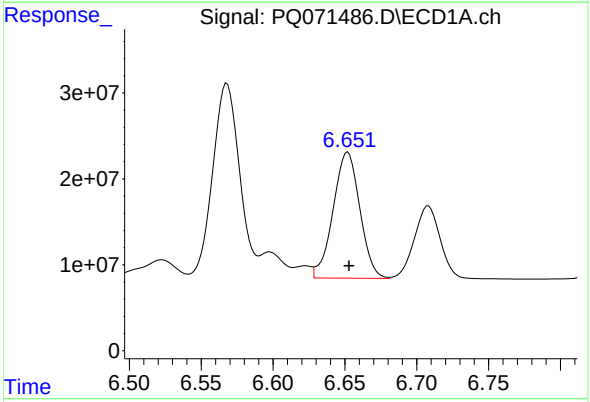
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 256029174
Conc: 501.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



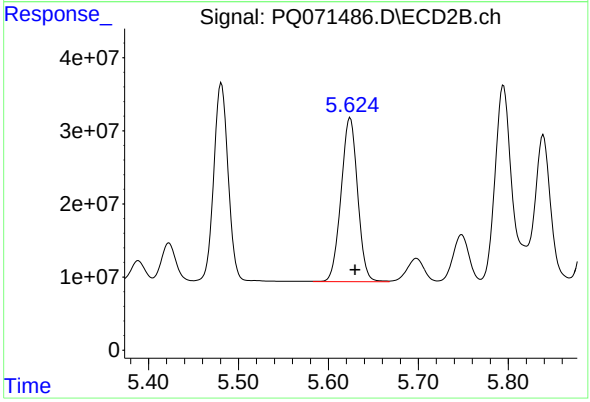
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 301719830
Conc: 497.58 ng/ml



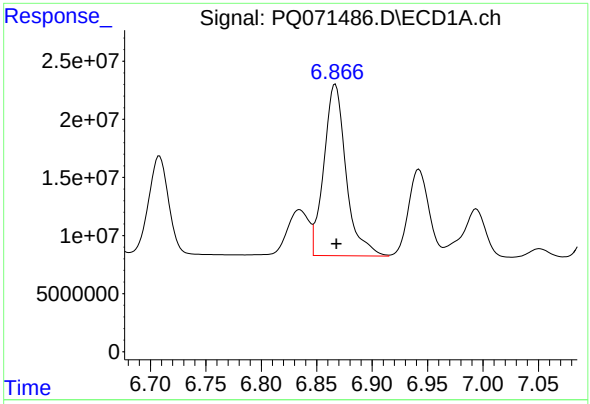
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 189651926
Conc: 495.52 ng/ml



#33 AR-1260-3

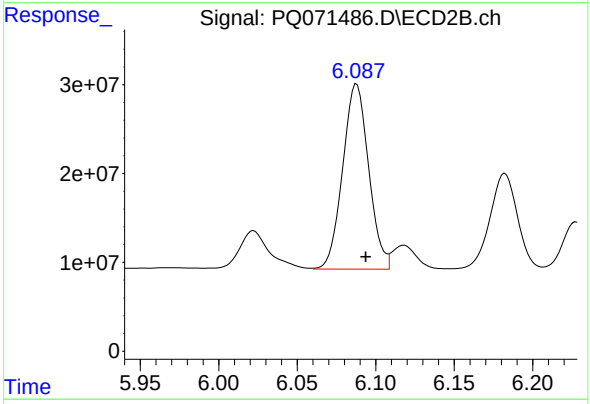
R.T.: 5.624 min
Delta R.T.: -0.006 min
Response: 286497715
Conc: 484.62 ng/ml



#34 AR-1260-4

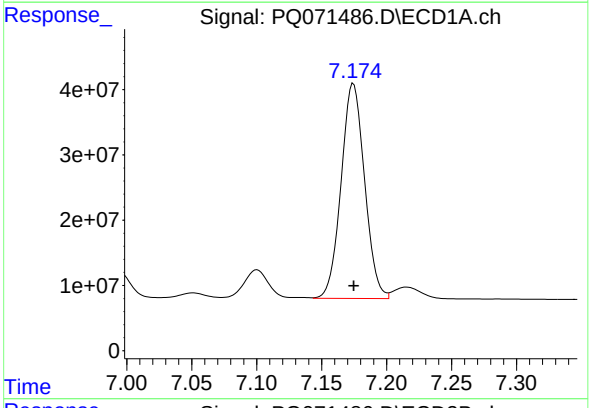
R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 206088933
Conc: 492.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



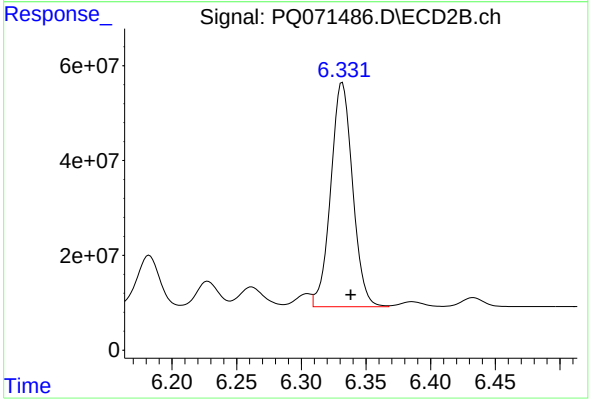
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 239993232
Conc: 484.46 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 413974991
Conc: 497.42 ng/ml



#35 AR-1260-5

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 556539184
Conc: 484.67 ng/ml

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	TO	DIFF RT
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

Alliance TECHNICAL GROUP
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.:** Q3672

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 FROM	RT WINDOW TO	DIFF RT
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

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.:** Q3672

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL11 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071496.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

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.:** Q3672

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/18/2025 11/18/2025

Client Sample No.: CCAL11 **Date Analyzed:** 11/24/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071496.D **Time Analyzed:** 18:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW 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

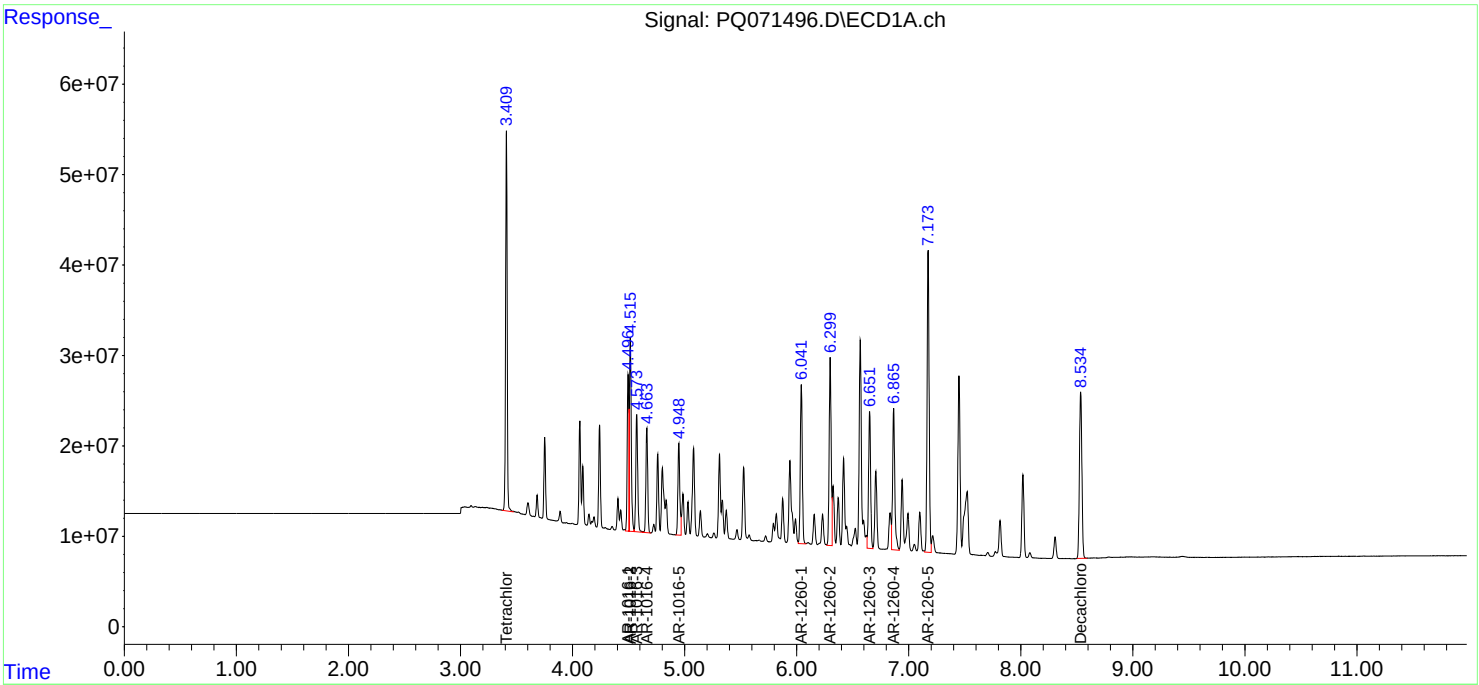
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

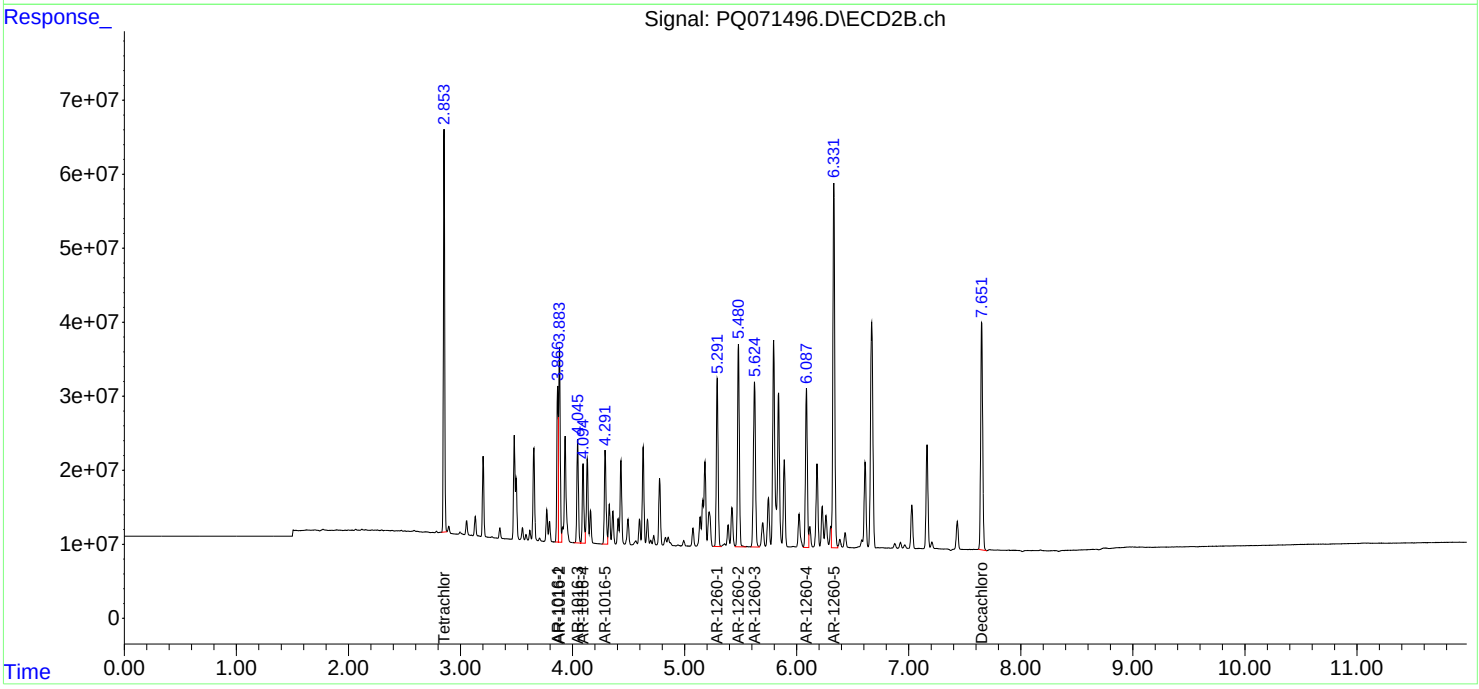
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 18:25
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

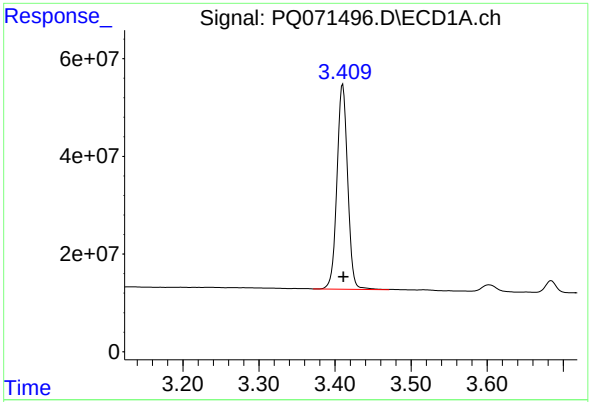
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

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



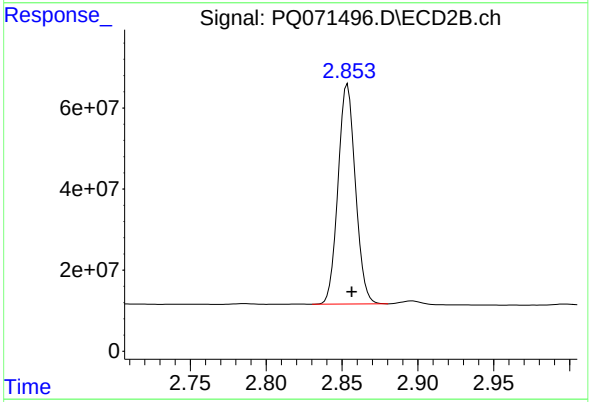




#1 Tetrachloro-m-xylene

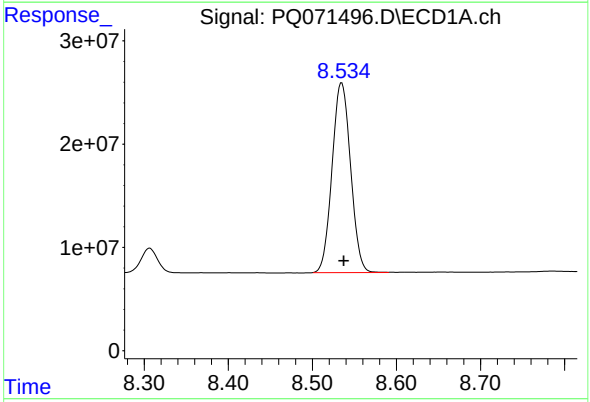
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 408943708
Conc: 46.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



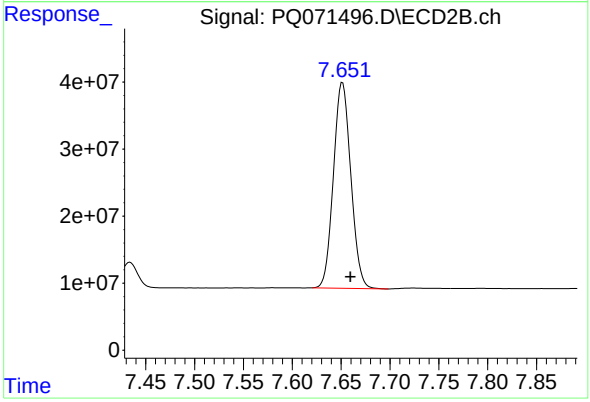
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 432550792
Conc: 46.33 ng/ml



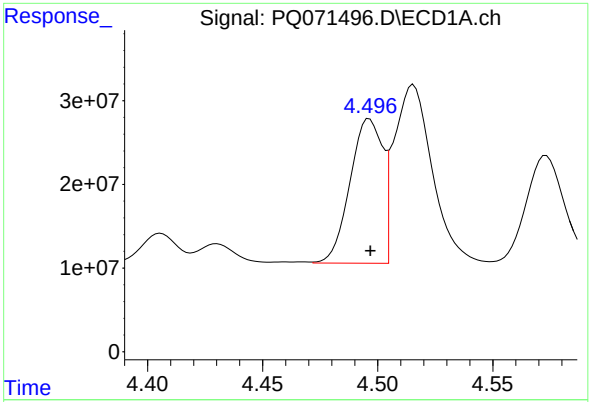
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 281441781
Conc: 44.95 ng/ml



#2 Decachlorobiphenyl

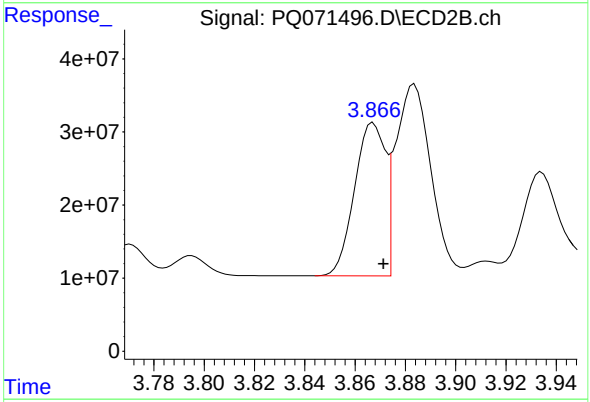
R.T.: 7.651 min
Delta R.T.: -0.008 min
Response: 380323952
Conc: 41.62 ng/ml



#3 AR-1016-1

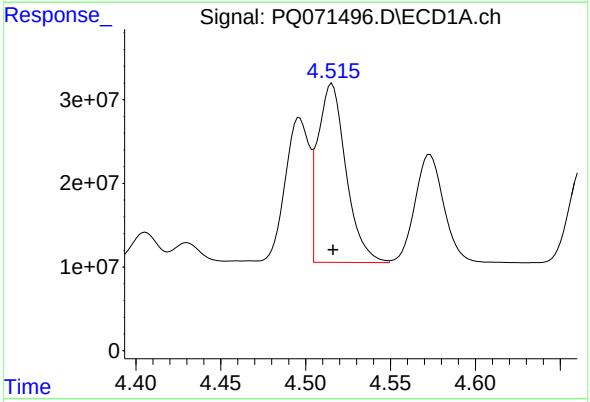
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 170211341
Conc: 514.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



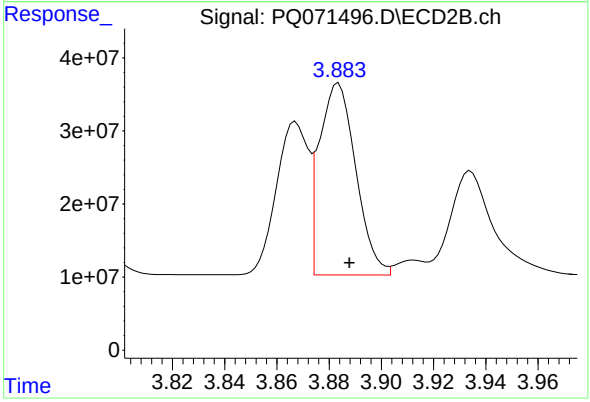
#3 AR-1016-1

R.T.: 3.867 min
Delta R.T.: -0.004 min
Response: 178496497
Conc: 492.92 ng/ml



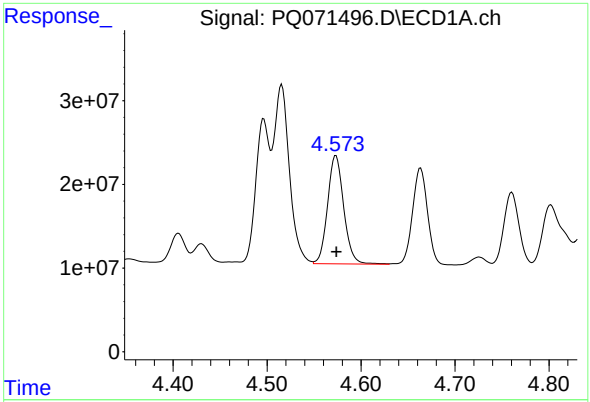
#4 AR-1016-2

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 246899633
Conc: 519.11 ng/ml



#4 AR-1016-2

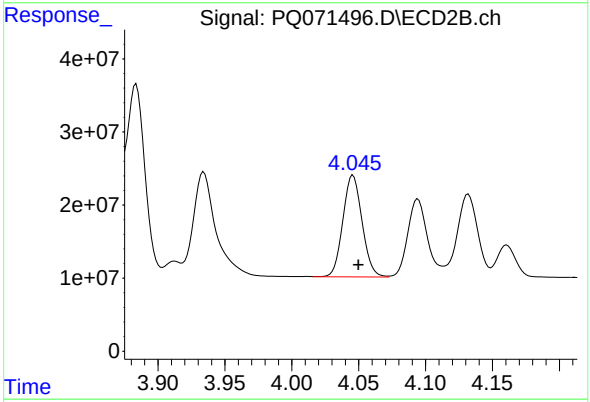
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 254162807
Conc: 517.45 ng/ml



#5 AR-1016-3

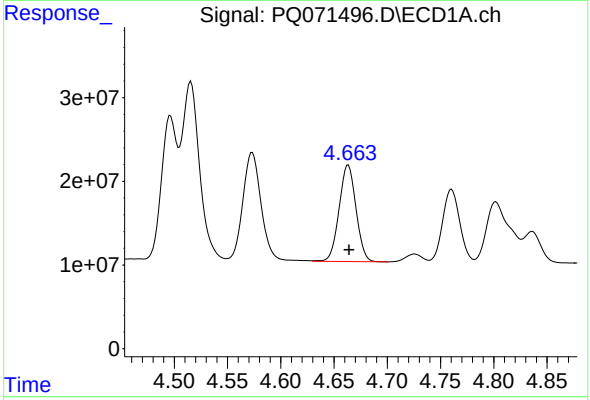
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 154882441
Conc: 518.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



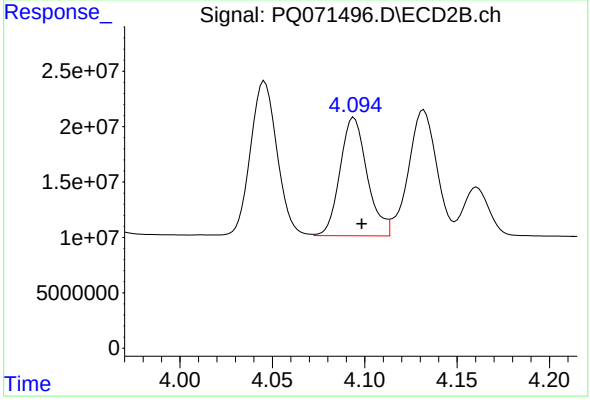
#5 AR-1016-3

R.T.: 4.046 min
Delta R.T.: -0.004 min
Response: 139105755
Conc: 500.40 ng/ml



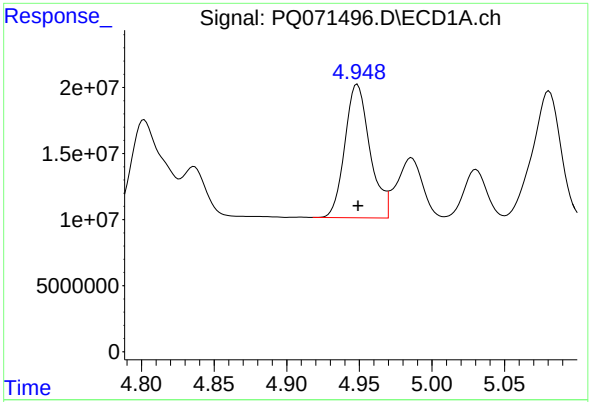
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 127495971
Conc: 519.23 ng/ml



#6 AR-1016-4

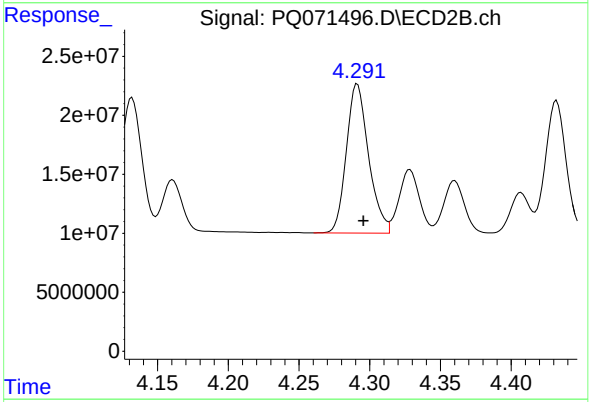
R.T.: 4.094 min
Delta R.T.: -0.004 min
Response: 109602752
Conc: 488.76 ng/ml



#7 AR-1016-5

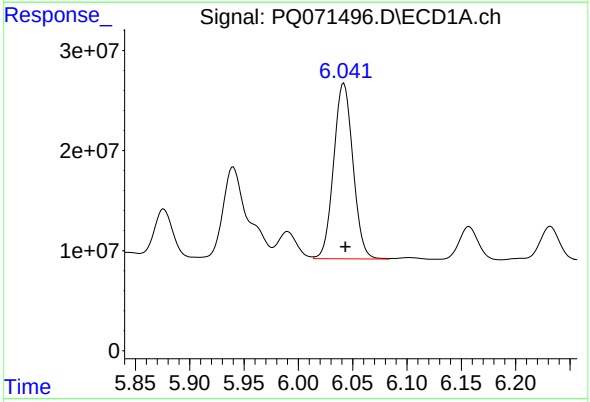
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 121683467
Conc: 514.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



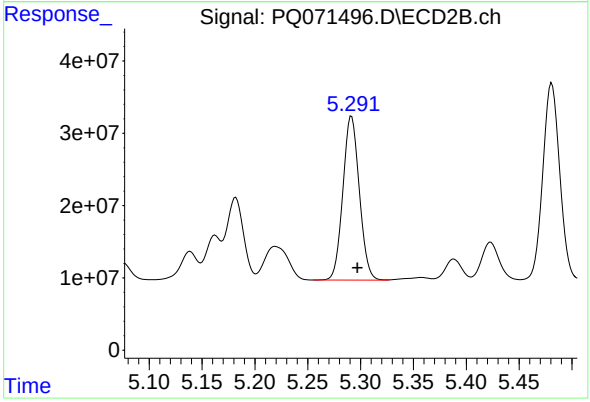
#7 AR-1016-5

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 138304869
Conc: 496.49 ng/ml



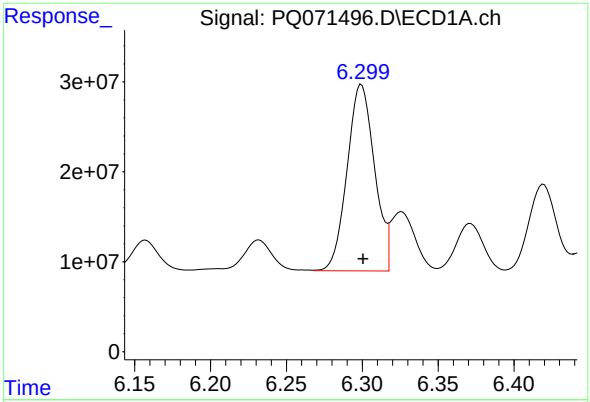
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 217098929
Conc: 485.14 ng/ml



#31 AR-1260-1

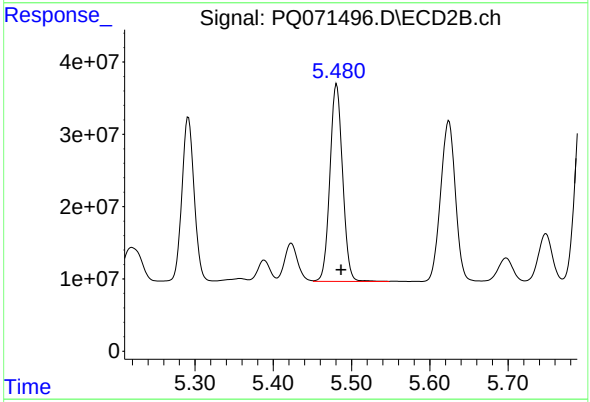
R.T.: 5.291 min
Delta R.T.: -0.005 min
Response: 245748937
Conc: 492.56 ng/ml



#32 AR-1260-2

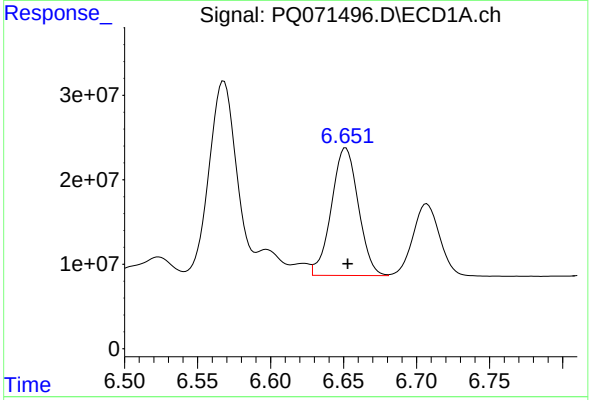
R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 260657381
Conc: 510.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



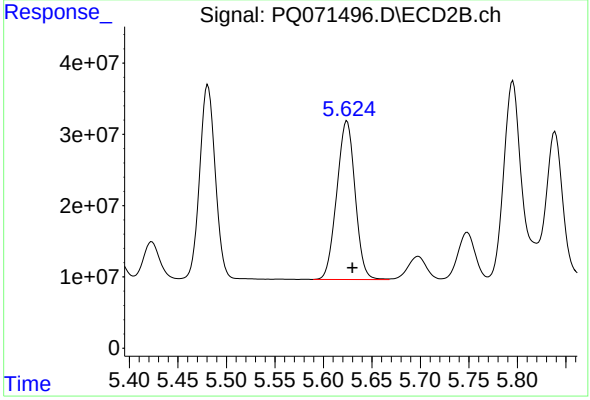
#32 AR-1260-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 306655303
Conc: 505.72 ng/ml



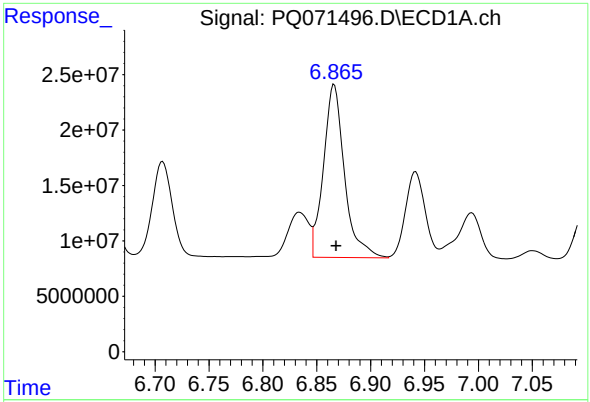
#33 AR-1260-3

R.T.: 6.652 min
Delta R.T.: -0.001 min
Response: 193858110
Conc: 506.51 ng/ml



#33 AR-1260-3

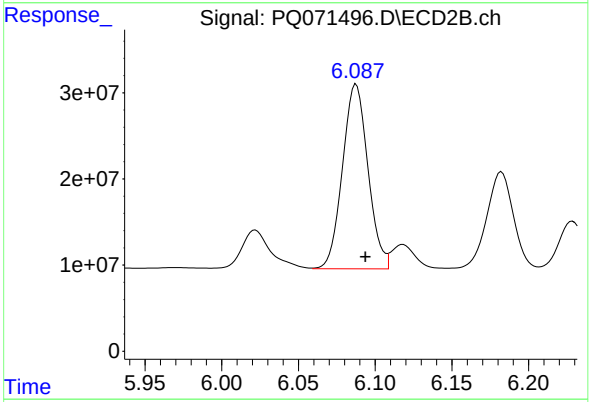
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 292118238
Conc: 494.12 ng/ml



#34 AR-1260-4

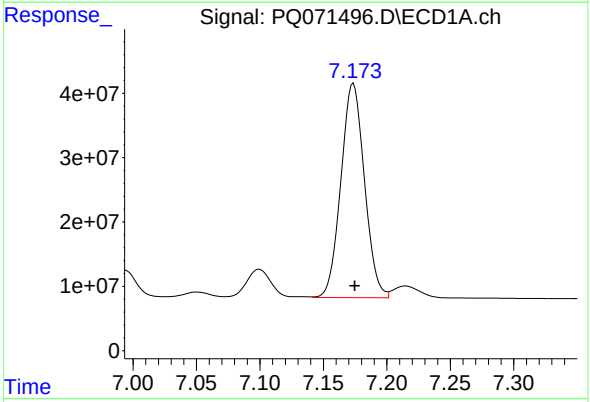
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 212194166
Conc: 507.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



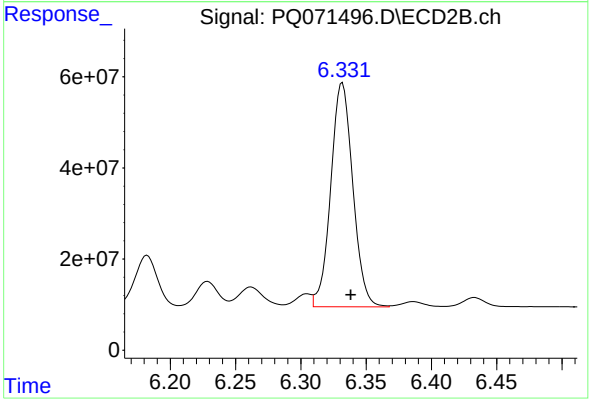
#34 AR-1260-4

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 248739843
Conc: 502.12 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 429809247
Conc: 516.45 ng/ml



#35 AR-1260-5

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 578860485
Conc: 504.11 ng/ml

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

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3672

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 #
I.BLK	I.BLK	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	11/20/2025	19:49	PQ071386.D	8.54	3.41
I.BLK	I.BLK	11/20/2025	20:33	PQ071387.D	8.54	3.41
PB170653BL	PB170653BL	11/20/2025	20:47	PQ071388.D	8.54	3.41
PB170653BS	PB170653BS	11/20/2025	21:02	PQ071389.D	8.54	3.41
C0AE4	Q3672-01	11/20/2025	21:16	PQ071390.D	8.54	3.41
C0AE4MS	Q3672-01MS	11/20/2025	21:31	PQ071391.D	8.54	3.41
C0AE4MSD	Q3672-01MSD	11/20/2025	21:46	PQ071392.D	8.54	3.41
C0AE5	Q3672-02	11/20/2025	22:00	PQ071393.D	8.53	3.41
C0AE6	Q3672-03	11/20/2025	22:15	PQ071394.D	8.53	3.41
C0AE7	Q3672-04	11/20/2025	22:29	PQ071395.D	8.54	3.41
C0AE8	Q3672-05	11/20/2025	22:44	PQ071396.D	8.53	3.41
C0AE9	Q3672-06	11/20/2025	22:58	PQ071397.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/20/2025	23:57	PQ071398.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	00:40	PQ071399.D	8.53	3.41
C0AF0	Q3672-07	11/21/2025	00:55	PQ071400.D	8.53	3.41
C0AF1	Q3672-08	11/21/2025	01:10	PQ071401.D	8.53	3.41
C0AF2	Q3672-09	11/21/2025	01:24	PQ071402.D	8.53	3.41
C0AF7	Q3672-10	11/21/2025	01:39	PQ071403.D	8.53	3.41
C0AF8	Q3672-11	11/21/2025	01:53	PQ071404.D	8.53	3.41
C0AF9	Q3672-12	11/21/2025	02:08	PQ071405.D	8.53	3.41
C0AG0	Q3672-13	11/21/2025	02:22	PQ071406.D	8.53	3.41
C0AG1	Q3672-14	11/21/2025	02:37	PQ071407.D	8.53	3.41
C0AG2	Q3672-15	11/21/2025	02:52	PQ071408.D	8.53	3.41
C0AG3	Q3672-16	11/21/2025	03:06	PQ071409.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	04:33	PQ071410.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	04:47	PQ071411.D	8.53	3.41
C0AG4	Q3672-17	11/21/2025	05:02	PQ071412.D	8.54	3.41
C0AG5	Q3672-18	11/21/2025	05:17	PQ071413.D	8.53	3.41
C0AK2	Q3672-19	11/21/2025	05:31	PQ071414.D	8.54	3.41

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

Analytical Sequence

AR1660CCC500	AR1660CCC500	11/21/2025	06:58	PQ071415.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	07:13	PQ071416.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/21/2025	09:06	PQ071418.D	8.55	3.42
I.BLK	I.BLK	11/21/2025	10:09	PQ071419.D	8.56	3.43
C0AE5DL	Q3672-02DL	11/21/2025	10:27	PQ071420.D	8.55	3.42
C0AE6DL	Q3672-03DL	11/21/2025	10:42	PQ071421.D	0.00	0.00
C0AE7DL	Q3672-04DL	11/21/2025	10:57	PQ071422.D	8.54	3.41
C0AE8DL	Q3672-05DL	11/21/2025	11:11	PQ071423.D	0.00	0.00
C0AF8DL	Q3672-11DL	11/21/2025	11:26	PQ071424.D	8.54	3.41
C0AF9DL	Q3672-12DL	11/21/2025	11:40	PQ071425.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/21/2025	13:43	PQ071430.D	8.54	3.41
I.BLK	I.BLK	11/21/2025	13:59	PQ071431.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/22/2025	01:53	PQ071466.D	8.53	3.41
I.BLK	I.BLK	11/22/2025	02:52	PQ071467.D	8.54	3.41
C0AE7DL2	Q3672-04DL2	11/22/2025	03:21	PQ071469.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/22/2025	04:34	PQ071471.D	8.54	3.41
I.BLK	I.BLK	11/22/2025	05:32	PQ071472.D	8.54	3.41
AR1660CCC500	AR1660CCC500	11/24/2025	10:16	PQ071474.D	8.56	3.42
I.BLK	I.BLK	11/24/2025	10:30	PQ071475.D	8.54	3.41
C0AF9DL2	Q3672-12DL2	11/24/2025	14:09	PQ071483.D	0.00	0.00
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
C0AG0DL	Q3672-13DL	11/24/2025	16:29	PQ071489.D	0.00	0.00
C0AG0DL2	Q3672-13DL2	11/24/2025	17:42	PQ071494.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

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

Analytical Sequence

Client: Tetra Tech, EMI **SDG No.:** Q3672

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 #
I.BLK	I.BLK	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	11/20/2025	19:49	PQ071386.D	7.66	2.85
I.BLK	I.BLK	11/20/2025	20:33	PQ071387.D	7.66	2.86
PB170653BL	PB170653BL	11/20/2025	20:47	PQ071388.D	7.66	2.86
PB170653BS	PB170653BS	11/20/2025	21:02	PQ071389.D	7.66	2.86
C0AE4	Q3672-01	11/20/2025	21:16	PQ071390.D	7.66	2.86
C0AE4MS	Q3672-01MS	11/20/2025	21:31	PQ071391.D	7.66	2.86
C0AE4MSD	Q3672-01MSD	11/20/2025	21:46	PQ071392.D	7.66	2.86
C0AE5	Q3672-02	11/20/2025	22:00	PQ071393.D	7.66	2.86
C0AE6	Q3672-03	11/20/2025	22:15	PQ071394.D	7.65	2.86
C0AE7	Q3672-04	11/20/2025	22:29	PQ071395.D	7.66	2.86
C0AE8	Q3672-05	11/20/2025	22:44	PQ071396.D	7.66	2.86
C0AE9	Q3672-06	11/20/2025	22:58	PQ071397.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/20/2025	23:57	PQ071398.D	7.65	2.86
I.BLK	I.BLK	11/21/2025	00:40	PQ071399.D	7.65	2.85
C0AF0	Q3672-07	11/21/2025	00:55	PQ071400.D	7.66	2.86
C0AF1	Q3672-08	11/21/2025	01:10	PQ071401.D	7.66	2.86
C0AF2	Q3672-09	11/21/2025	01:24	PQ071402.D	7.65	2.86
C0AF7	Q3672-10	11/21/2025	01:39	PQ071403.D	7.65	2.86
C0AF8	Q3672-11	11/21/2025	01:53	PQ071404.D	7.65	2.85
C0AF9	Q3672-12	11/21/2025	02:08	PQ071405.D	7.65	2.86
C0AG0	Q3672-13	11/21/2025	02:22	PQ071406.D	7.65	2.86
C0AG1	Q3672-14	11/21/2025	02:37	PQ071407.D	7.65	2.86
C0AG2	Q3672-15	11/21/2025	02:52	PQ071408.D	7.65	2.85
C0AG3	Q3672-16	11/21/2025	03:06	PQ071409.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/21/2025	04:33	PQ071410.D	7.65	2.86
I.BLK	I.BLK	11/21/2025	04:47	PQ071411.D	7.65	2.86
C0AG4	Q3672-17	11/21/2025	05:02	PQ071412.D	7.66	2.85
C0AG5	Q3672-18	11/21/2025	05:17	PQ071413.D	7.65	2.85
C0AK2	Q3672-19	11/21/2025	05:31	PQ071414.D	7.65	2.85

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

Analytical Sequence

AR1660CCC500	AR1660CCC500	11/21/2025	06:58	PQ071415.D	7.65	2.86
I.BLK	I.BLK	11/21/2025	07:13	PQ071416.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/21/2025	09:06	PQ071418.D	7.66	2.85
I.BLK	I.BLK	11/21/2025	10:09	PQ071419.D	7.66	2.85
C0AE5DL	Q3672-02DL	11/21/2025	10:27	PQ071420.D	7.66	2.86
C0AE6DL	Q3672-03DL	11/21/2025	10:42	PQ071421.D	0.00	0.00
C0AE7DL	Q3672-04DL	11/21/2025	10:57	PQ071422.D	7.66	2.85
C0AE8DL	Q3672-05DL	11/21/2025	11:11	PQ071423.D	0.00	0.00
C0AF8DL	Q3672-11DL	11/21/2025	11:26	PQ071424.D	7.65	2.85
C0AF9DL	Q3672-12DL	11/21/2025	11:40	PQ071425.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/21/2025	13:43	PQ071430.D	7.65	2.86
I.BLK	I.BLK	11/21/2025	13:59	PQ071431.D	7.65	2.86
AR1660CCC500	AR1660CCC500	11/22/2025	01:53	PQ071466.D	7.65	2.85
I.BLK	I.BLK	11/22/2025	02:52	PQ071467.D	7.65	2.85
C0AE7DL2	Q3672-04DL2	11/22/2025	03:21	PQ071469.D	0.00	0.00
AR1660CCC500	AR1660CCC500	11/22/2025	04:34	PQ071471.D	7.65	2.85
I.BLK	I.BLK	11/22/2025	05:32	PQ071472.D	7.65	2.85
AR1660CCC500	AR1660CCC500	11/24/2025	10:16	PQ071474.D	7.66	2.85
I.BLK	I.BLK	11/24/2025	10:30	PQ071475.D	7.65	2.85
C0AF9DL2	Q3672-12DL2	11/24/2025	14:09	PQ071483.D	0.00	0.00
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
C0AG0DL	Q3672-13DL	11/24/2025	16:29	PQ071489.D	0.00	0.00
C0AG0DL2	Q3672-13DL2	11/24/2025	17:42	PQ071494.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

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170653BS

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: PB170653BS Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071389.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	132		
	2	4.515	4.465	4.565	133		
	3	4.572	4.522	4.622	130		
COLUMN 1	4	4.663	4.613	4.713	131		
	5	4.948	4.898	4.998	128	131	
	1	3.869	3.819	3.919	149		
	2	3.885	3.835	3.935	152		
	3	4.047	3.997	4.097	150		
	4	4.096	4.046	4.146	144		
COLUMN 2	5	4.293	4.243	4.343	146	148	12.19
Aroclor-1260	1	6.042	5.992	6.092	129		
	2	6.299	6.249	6.349	136		
	3	6.651	6.601	6.701	113		
COLUMN 1	4	6.866	6.816	6.916	120		
	5	7.173	7.123	7.223	118	123	
	1	5.293	5.243	5.343	152		
	2	5.483	5.433	5.533	155		
	3	5.626	5.576	5.676	155		
	4	6.09	6.04	6.14	135		
COLUMN 2	5	6.335	6.285	6.385	135	146	17.1

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AE4

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-01 | Date(s) Analyzed: 11/20/2025 11/20/2025
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: PQ071390.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	70.7		
	2	4.76	4.71	4.81	96.9		
	3	4.948	4.898	4.998	89.5		
COLUMN 1	4	5.31	5.26	5.36	177		
	5	5.337	5.287	5.387	115	110	
	1	3.869	3.819	3.919	86.3		
	2	4.096	4.046	4.146	113		
	3	4.133	4.083	4.183	99.5		
	4	4.293	4.243	4.343	106		
COLUMN 2	5	4.671	4.621	4.721	168	114	3.57
Aroclor-1254	1	5.31	5.26	5.36	134		
	2	5.525	5.475	5.575	131		
	3	5.877	5.827	5.927	103		
COLUMN 1	4	6.158	6.108	6.208	107		
	5	6.568	6.518	6.618	164	128	
	1	4.633	4.583	4.683	150		
	2	4.78	4.73	4.83	118		
	3	5.164	5.114	5.214	130		
	4	5.391	5.341	5.441	124		
COLUMN 2	5	5.798	5.748	5.848	174	139	8.24

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	89.3		
	2	6.299	6.249	6.349	92.5		
	3	6.651	6.601	6.701	57.8		
COLUMN 1	4	6.866	6.816	6.916	61.1		
	5	7.174	7.124	7.224	54.0	70.9	
	1	5.295	5.245	5.345	138		
	2	5.484	5.434	5.534	112		
	3	5.625	5.575	5.675	106		
	4	6.09	6.04	6.14	65.8		
COLUMN 2	5	6.335	6.285	6.385	66.6	97.6	31.69

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE4MS

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3672
Lab Sample ID: Q3672-01MS
Date(s) Analyzed: 11/20/2025 11/20/2025
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 PQ071391.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016							
	1	4.496	4.446	4.546	226		
	2	4.515	4.465	4.565	292		
	3	4.573	4.523	4.623	171		
COLUMN 1	4	4.663	4.613	4.713	272		
	5	4.948	4.898	4.998	368	266	
	1	3.869	3.819	3.919	267		
	2	3.886	3.836	3.936	334		
	3	4.047	3.997	4.097	328		
	4	4.096	4.046	4.146	430		
COLUMN 2	5	4.293	4.243	4.343	425	357	29.21
Aroclor-1248							
	1	4.496	4.446	4.546	392		
	2	4.76	4.71	4.81	298		
	3	4.948	4.898	4.998	296		
COLUMN 1	4	5.311	5.261	5.361	488		
	5	5.337	5.287	5.387	240	343	
	1	3.869	3.819	3.919	455		
	2	4.096	4.046	4.146	340		
	3	4.133	4.083	4.183	331		
	4	4.293	4.243	4.343	342		
COLUMN 2	5	4.671	4.621	4.721	305	355	3.44

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1254	1	5.311	5.261	5.361	369		
	2	5.526	5.476	5.576	399		
	3	5.876	5.826	5.926	358		
COLUMN 1	4	6.158	6.108	6.208	409		
	5	6.568	6.518	6.618	663	440	
	1	4.632	4.582	4.682	391		
	2	4.78	4.73	4.83	413		
	3	5.164	5.114	5.214	466		
	4	5.391	5.341	5.441	455		
COLUMN 2	5	5.798	5.748	5.848	704	486	9.94
Aroclor-1260	1	6.043	5.993	6.093	360		
	2	6.299	6.249	6.349	364		
	3	6.651	6.601	6.701	178		
COLUMN 1	4	6.866	6.816	6.916	209		
	5	7.173	7.123	7.223	187	260	
	1	5.295	5.245	5.345	513		
	2	5.484	5.434	5.534	444		
	3	5.625	5.575	5.675	431		
	4	6.091	6.041	6.141	218		
COLUMN 2	5	6.335	6.285	6.385	226	366	33.87

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE4MSD

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-01MSD Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071392.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.496	4.446	4.546	217		
	2	4.515	4.465	4.565	269		
	3	4.573	4.523	4.623	179		
COLUMN 1	4	4.663	4.613	4.713	249		
	5	4.948	4.898	4.998	313	246	
	1	3.869	3.819	3.919	253		
	2	3.885	3.835	3.935	312		
	3	4.047	3.997	4.097	299		
	4	4.096	4.046	4.146	351		
COLUMN 2	5	4.293	4.243	4.343	358	314	24.29
Aroclor-1248	1	4.496	4.446	4.546	377		
	2	4.76	4.71	4.81	244		
	3	4.948	4.898	4.998	252		
COLUMN 1	4	5.31	5.26	5.36	332		
	5	5.337	5.287	5.387	175	276	
	1	3.869	3.819	3.919	431		
	2	4.096	4.046	4.146	277		
	3	4.133	4.083	4.183	292		
	4	4.293	4.243	4.343	288		
COLUMN 2	5	4.67	4.62	4.72	253	308	10.96

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1254	1	5.31	5.26	5.36	251		
	2	5.526	5.476	5.576	236		
	3	5.876	5.826	5.926	179		
COLUMN 1	4	6.158	6.108	6.208	189		
	5	6.568	6.518	6.618	430	257	
	1	4.632	4.582	4.682	261		
	2	4.779	4.729	4.829	229		
	3	5.164	5.114	5.214	191		
	4	5.39	5.34	5.44	210		
COLUMN 2	5	5.798	5.748	5.848	440	266	3.44
Aroclor-1260	1	6.042	5.992	6.092	262		
	2	6.3	6.25	6.35	264		
	3	6.651	6.601	6.701	185		
COLUMN 1	4	6.866	6.816	6.916	200		
	5	7.174	7.124	7.224	186	219	
	1	5.294	5.244	5.344	359		
	2	5.483	5.433	5.533	318		
	3	5.626	5.576	5.676	315		
	4	6.091	6.041	6.141	225		
COLUMN 2	5	6.335	6.285	6.385	221	287	26.88

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE5

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-02 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071393.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.497	4.447	4.547	730		
	2	4.76	4.71	4.81	500		
	3	4.948	4.898	4.998	630		
COLUMN 1	4	5.309	5.259	5.359	480		
	5	5.337	5.287	5.387	472	562	
	1	3.869	3.819	3.919	824		
	2	4.096	4.046	4.146	569		
	3	4.133	4.083	4.183	694		
	4	4.293	4.243	4.343	716		
COLUMN 2	5	4.671	4.621	4.721	688	698	21.59
Aroclor-1260	1	6.042	5.992	6.092	61.8		
	2	6.299	6.249	6.349	61.9		
	3	6.651	6.601	6.701	46.9		
COLUMN 1	4	6.866	6.816	6.916	47.5		
	5	7.173	7.123	7.223	42.2	52.1	
	1	5.296	5.246	5.346	113		
	2	5.483	5.433	5.533	74.7		
	3	5.626	5.576	5.676	70.9		
	4	6.09	6.04	6.14	53.8		
COLUMN 2	5	6.335	6.285	6.385	51.6	72.8	33.15

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE6

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-03 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071394.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	12800		
	2	6.298	6.248	6.348	17200		
	3	6.651	6.601	6.701	16900		
COLUMN 1	4	6.865	6.815	6.915	15900		
	5	7.175	7.125	7.225	13300	15000	
	1	5.294	5.244	5.344	16200		
	2	5.481	5.431	5.531	15000		
	3	5.627	5.577	5.677	17300		
	4	6.091	6.041	6.141	17200		
COLUMN 2	5	6.328	6.278	6.378	11200	15000	0

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE7

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-04 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071395.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.032	5.982	6.082	39800		
	2	6.29	6.24	6.34	48100		
	3	6.647	6.597	6.697	39900		
COLUMN 1	4	6.856	6.806	6.906	47200		
	5	7.159	7.109	7.209	28900	41000	
	1	5.288	5.238	5.338	31700		
	2	5.475	5.425	5.525	28800		
	3	5.613	5.563	5.663	32000		
	4	6.108	6.058	6.158	42400		
COLUMN 2	5	6.312	6.262	6.362	22600	31000	27.78

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE8

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-05 Date(s) Analyzed: 11/20/2025 11/20/2025

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 PQ071396.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.041	5.991	6.091	2850		
	2	6.299	6.249	6.349	3260		
	3	6.651	6.601	6.701	3220		
COLUMN 1	4	6.866	6.816	6.916	3110		
	5	7.173	7.123	7.223	3030	3100	
	1	5.294	5.244	5.344	3540		
	2	5.483	5.433	5.533	3860		
	3	5.627	5.577	5.677	3330		
	4	6.09	6.04	6.14	3690		
COLUMN 2	5	6.334	6.284	6.384	3620	3600	14.93

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AE9

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-06 | Date(s) Analyzed: 11/20/2025 11/20/2025
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: PQ071397.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	183		
	2	4.76	4.71	4.81	180		
	3	4.948	4.898	4.998	216		
COLUMN 1	4	5.309	5.259	5.359	221		
	5	5.337	5.287	5.387	156	191	
	1	3.87	3.82	3.92	211		
	2	4.096	4.046	4.146	208		
	3	4.134	4.084	4.184	259		
	4	4.293	4.243	4.343	252		
COLUMN 2	5	4.671	4.621	4.721	331	252	27.54
Aroclor-1254	1	5.309	5.259	5.359	168		
	2	5.522	5.472	5.572	129		
	3	5.876	5.826	5.926	54.2		
COLUMN 1	4	6.157	6.107	6.207	51.4		
	5	6.567	6.517	6.617	102	101	
	1	4.633	4.583	4.683	156		
	2	4.78	4.73	4.83	62.1		
	3	5.164	5.114	5.214	54.7		
	4	5.391	5.341	5.441	65.0		
COLUMN 2	5	5.797	5.747	5.847	101	87.8	13.98

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	54.7		
	2	6.299	6.249	6.349	75.0		
	3	6.651	6.601	6.701	71.9		
COLUMN 1	4	6.866	6.816	6.916	52.9		
	5	7.174	7.124	7.224	48.2	60.5	
	1	5.295	5.245	5.345	107		
	2	5.484	5.434	5.534	89.8		
	3	5.626	5.576	5.676	63.4		
	4	6.09	6.04	6.14	60.8		
COLUMN 2	5	6.334	6.284	6.384	57.6	75.8	22.45

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF0

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-07 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 PQ071400.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.497	4.447	4.547	13.4		
	2	4.761	4.711	4.811	26.6		
	3	4.949	4.899	4.999	18.0		
COLUMN 1	4	5.31	5.26	5.36	49.6		
	5	5.337	5.287	5.387	40.0	29.5	
	1	3.868	3.818	3.918	11.6		
	2	4.095	4.045	4.145	29.4		
	3	4.132	4.082	4.182	32.7		
	4	4.293	4.243	4.343	22.1		
COLUMN 2	5	4.671	4.621	4.721	71.2	33.4	12.4
Aroclor-1254	1	5.31	5.26	5.36	37.5		
	2	5.525	5.475	5.575	43.0		
	3	5.877	5.827	5.927	42.9		
COLUMN 1	4	6.158	6.108	6.208	65.2		
	5	6.567	6.517	6.617	260	89.6	
	1	4.633	4.583	4.683	45.8		
	2	4.78	4.73	4.83	44.9		
	3	5.164	5.114	5.214	42.1		
	4	5.391	5.341	5.441	77.2		
COLUMN 2	5	5.797	5.747	5.847	243	90.7	1.22

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	86.8		
	2	6.299	6.249	6.349	182		
	3	6.651	6.601	6.701	165		
COLUMN 1	4	6.866	6.816	6.916	124		
	5	7.174	7.124	7.224	120	135	
	1	5.294	5.244	5.344	115		
	2	5.484	5.434	5.534	209		
	3	5.627	5.577	5.677	113		
	4	6.09	6.04	6.14	147		
COLUMN 2	5	6.335	6.285	6.385	145	145	7.14

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF1

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-08 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 PQ071401.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	5.311	5.261	5.361	88.9		
	2	5.527	5.477	5.577	130		
	3	5.876	5.826	5.926	162		
COLUMN 1	4	6.158	6.108	6.208	211		
	5	6.568	6.518	6.618	444	207	
	1	4.632	4.582	4.682	98.8		
	2	4.779	4.729	4.829	161		
	3	5.164	5.114	5.214	214		
	4	5.39	5.34	5.44	238		
COLUMN 2	5	5.798	5.748	5.848	452	233	11.82

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF7

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-10 | 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: PQ071403.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	67.6		
	2	4.76	4.71	4.81	146		
	3	4.947	4.897	4.997	127		
COLUMN 1	4	5.311	5.261	5.361	285		
	5	5.337	5.287	5.387	128	151	
	1	3.869	3.819	3.919	81.7		
	2	4.095	4.045	4.145	167		
	3	4.133	4.083	4.183	147		
	4	4.292	4.242	4.342	147		
COLUMN 2	5	4.67	4.62	4.72	186	146	3.37
Aroclor-1254	1	5.311	5.261	5.361	216		
	2	5.525	5.475	5.575	210		
	3	5.876	5.826	5.926	178		
COLUMN 1	4	6.158	6.108	6.208	197		
	5	6.568	6.518	6.618	464	253	
	1	4.631	4.581	4.681	212		
	2	4.779	4.729	4.829	214		
	3	5.164	5.114	5.214	187		
	4	5.39	5.34	5.44	217		
COLUMN 2	5	5.797	5.747	5.847	449	256	1.18

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.041	5.991	6.091	273		
	2	6.299	6.249	6.349	293		
	3	6.651	6.601	6.701	221		
COLUMN 1	4	6.866	6.816	6.916	228		
	5	7.173	7.123	7.223	208	245	
	1	5.294	5.244	5.344	356		
	2	5.483	5.433	5.533	337		
	3	5.626	5.576	5.676	299		
	4	6.09	6.04	6.14	241		
COLUMN 2	5	6.334	6.284	6.384	237	294	18.18

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF8

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3672
Lab Sample ID: Q3672-11
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: PQ071404.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248							
	1	4.497	4.447	4.547	197		
	2	4.76	4.71	4.81	234		
	3	4.949	4.899	4.999	227		
COLUMN 1	4	5.311	5.261	5.361	411		
	5	5.337	5.287	5.387	211	256	
	1	3.869	3.819	3.919	232		
	2	4.095	4.045	4.145	272		
	3	4.133	4.083	4.183	257		
	4	4.293	4.243	4.343	266		
COLUMN 2	5	4.67	4.62	4.72	313	268	4.58
Aroclor-1254							
	1	5.311	5.261	5.361	311		
	2	5.525	5.475	5.575	292		
	3	5.876	5.826	5.926	223		
COLUMN 1	4	6.158	6.108	6.208	218		
	5	6.567	6.517	6.617	552	319	
	1	4.632	4.582	4.682	323		
	2	4.779	4.729	4.829	286		
	3	5.163	5.113	5.213	243		
	4	5.39	5.34	5.44	248		
COLUMN 2	5	5.797	5.747	5.847	558	331	3.69

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	336		
	2	6.299	6.249	6.349	359		
	3	6.651	6.601	6.701	293		
COLUMN 1	4	6.866	6.816	6.916	307		
	5	7.172	7.122	7.222	298	319	
	1	5.293	5.243	5.343	465		
	2	5.483	5.433	5.533	434		
	3	5.625	5.575	5.675	412		
	4	6.09	6.04	6.14	359		
COLUMN 2	5	6.334	6.284	6.384	359	406	24

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF9

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-12 | 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: PQ071405.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.515	4.465	4.565	19300		
	2	4.76	4.71	4.81	13300		
	3	4.948	4.898	4.998	16400		
COLUMN 1	4	5.31	5.26	5.36	20100		
	5	5.335	5.285	5.385	12900	16000	
	1	3.886	3.836	3.936	20200		
	2	4.095	4.045	4.145	15300		
	3	4.133	4.083	4.183	15500		
	4	4.293	4.243	4.343	14700		
COLUMN 2	5	4.669	4.619	4.719	22400	18000	11.76
Aroclor-1260	1	6.042	5.992	6.092	14600		
	2	6.299	6.249	6.349	17700		
	3	6.65	6.6	6.7	17900		
COLUMN 1	4	6.865	6.815	6.915	15600		
	5	7.167	7.117	7.217	13900	16000	
	1	5.291	5.241	5.341	24200		
	2	5.479	5.429	5.529	19400		
	3	5.622	5.572	5.672	20800		
	4	6.089	6.039	6.139	20900		
COLUMN 2	5	6.326	6.276	6.376	14500	20000	22.22

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG0

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-13 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 PQ071406.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.066	6.016	6.116	48200		
	2	6.29	6.24	6.34	59900		
	3	6.692	6.642	6.742	61800		
COLUMN 1	4	6.835	6.785	6.885	93900		
	5	7.216	7.166	7.266	45300	62000	
	1	5.318	5.268	5.368	42700		
	2	5.475	5.425	5.525	36600		
	3	5.607	5.557	5.657	47900		
	4	6.085	6.035	6.135	58700		
COLUMN 2	5	6.298	6.248	6.348	34100	44000	33.96

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG1

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-14 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 PQ071407.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	19.9		
	2	4.76	4.71	4.81	25.9		
	3	4.947	4.897	4.997	26.8		
COLUMN 1	4	5.309	5.259	5.359	37.0		
	5	5.336	5.286	5.386	18.8	25.7	
	1	3.869	3.819	3.919	30.5		
	2	4.096	4.046	4.146	33.2		
	3	4.133	4.083	4.183	37.7		
	4	4.293	4.243	4.343	38.2		
COLUMN 2	5	4.671	4.621	4.721	47.6	37.4	37.08
Aroclor-1260	1	6.041	5.991	6.091	85.2		
	2	6.299	6.249	6.349	152		
	3	6.651	6.601	6.701	141		
COLUMN 1	4	6.866	6.816	6.916	94.0		
	5	7.173	7.123	7.223	134	121	
	1	5.294	5.244	5.344	84.1		
	2	5.483	5.433	5.533	172		
	3	5.627	5.577	5.677	101		
	4	6.09	6.04	6.14	110		
COLUMN 2	5	6.335	6.285	6.385	144	122	0.82

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AG2

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3672

Lab Sample ID: Q3672-15 | 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: PQ071408.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248							
	1	4.496	4.446	4.546	47.5		
	2	4.76	4.71	4.81	53.1		
	3	4.948	4.898	4.998	58.3		
COLUMN 1	4	5.309	5.259	5.359	55.3		
	5	5.337	5.287	5.387	47.6	52.3	
	1	3.868	3.818	3.918	61.4		
	2	4.096	4.046	4.146	68.5		
	3	4.133	4.083	4.183	75.6		
	4	4.293	4.243	4.343	73.2		
COLUMN 2	5	4.67	4.62	4.72	77.3	71.2	30.61
Aroclor-1254							
	1	5.309	5.259	5.359	41.8		
	2	5.522	5.472	5.572	33.3		
	3	5.876	5.826	5.926	16.0		
COLUMN 1	4	6.157	6.107	6.207	13.2		
	5	6.567	6.517	6.617	34.2	27.7	
	1	4.633	4.583	4.683	49.6		
	2	4.779	4.729	4.829	19.8		
	3	5.164	5.114	5.214	15.3		
	4	5.39	5.34	5.44	17.0		
COLUMN 2	5	5.797	5.747	5.847	36.2	27.6	0.36

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.041	5.991	6.091	14.4		
	2	6.298	6.248	6.348	27.9		
	3	6.65	6.6	6.7	22.6		
COLUMN 1	4	6.866	6.816	6.916	12.2		
	5	7.172	7.122	7.222	15.5	18.5	
	1	5.295	5.245	5.345	27.4		
	2	5.483	5.433	5.533	30.7		
	3	5.626	5.576	5.676	26.8		
	4	6.09	6.04	6.14	18.0		
COLUMN 2	5	6.334	6.284	6.384	19.3	24.4	27.51

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG3

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-16 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 PQ071409.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	16.3		
	2	6.299	6.249	6.349	38.8		
	3	6.65	6.6	6.7	29.1		
COLUMN 1	4	6.866	6.816	6.916	19.6		
	5	7.173	7.123	7.223	19.9	24.7	
	1	5.294	5.244	5.344	21.7		
	2	5.483	5.433	5.533	42.2		
	3	5.627	5.577	5.677	31.3		
	4	6.09	6.04	6.14	25.4		
COLUMN 2	5	6.334	6.284	6.384	25.8	29.3	17.04

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG4

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3672
Lab Sample ID: Q3672-17
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 PQ071412.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	14.2		
	2	6.299	6.249	6.349	45.6		
	3	6.652	6.602	6.702	35.5		
COLUMN 1	4	6.867	6.817	6.917	28.0		
	5	7.174	7.124	7.224	27.0	30.1	
	1	5.293	5.243	5.343	17.6		
	2	5.483	5.433	5.533	51.6		
	3	5.627	5.577	5.677	28.5		
	4	6.09	6.04	6.14	30.9		
COLUMN 2	5	6.335	6.285	6.385	33.4	32.4	7.36

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AK2

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-19 | 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: PQ071414.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.496	4.446	4.546	55.6		
	2	4.759	4.709	4.809	113		
	3	4.948	4.898	4.998	109		
COLUMN 1	4	5.31	5.26	5.36	211		
	5	5.336	5.286	5.386	130	124	
	1	3.869	3.819	3.919	74.0		
	2	4.095	4.045	4.145	135		
	3	4.133	4.083	4.183	120		
	4	4.293	4.243	4.343	129		
COLUMN 2	5	4.67	4.62	4.72	187	129	3.95
Aroclor-1254	1	5.31	5.26	5.36	160		
	2	5.524	5.474	5.574	150		
	3	5.876	5.826	5.926	121		
COLUMN 1	4	6.157	6.107	6.207	140		
	5	6.567	6.517	6.617	281	170	
	1	4.632	4.582	4.682	172		
	2	4.779	4.729	4.829	133		
	3	5.163	5.113	5.213	131		
	4	5.39	5.34	5.44	155		
COLUMN 2	5	5.797	5.747	5.847	283	175	2.9

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	168		
	2	6.298	6.248	6.348	181		
	3	6.651	6.601	6.701	126		
COLUMN 1	4	6.866	6.816	6.916	129		
	5	7.173	7.123	7.223	116	144	
	1	5.294	5.244	5.344	234		
	2	5.483	5.433	5.533	207		
	3	5.625	5.575	5.675	183		
	4	6.089	6.039	6.139	140		
COLUMN 2	5	6.334	6.284	6.384	140	181	22.77

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE5DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-02DL 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 PQ071420.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.507	4.457	4.557	709		
	2	4.771	4.721	4.821	476		
	3	4.959	4.909	5.009	586		
COLUMN 1	4	5.321	5.271	5.371	482		
	5	5.347	5.297	5.397	436	538	
	1	3.87	3.82	3.92	812		
	2	4.096	4.046	4.146	580		
	3	4.133	4.083	4.183	664		
	4	4.293	4.243	4.343	704		
COLUMN 2	5	4.671	4.621	4.721	670	686	24.18
Aroclor-1260	1	6.054	6.004	6.104	66.3		
	2	6.31	6.26	6.36	63.4		
	3	6.662	6.612	6.712	48.0		
COLUMN 1	4	6.877	6.827	6.927	46.2		
	5	7.185	7.135	7.235	40.2	52.8	
	1	5.295	5.245	5.345	106		
	2	5.483	5.433	5.533	72.7		
	3	5.625	5.575	5.675	79.4		
	4	6.091	6.041	6.141	68.3		
COLUMN 2	5	6.336	6.286	6.386	55.6	76.4	36.53

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE6DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-03DL 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 PQ071421.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.044	5.994	6.094	21000		
	2	6.301	6.251	6.351	22100		
	3	6.653	6.603	6.703	20700		
COLUMN 1	4	6.869	6.819	6.919	21000		
	5	7.176	7.126	7.226	21200	21000	
	1	5.293	5.243	5.343	25600		
	2	5.483	5.433	5.533	25900		
	3	5.626	5.576	5.676	25200		
	4	6.089	6.039	6.139	24500		
COLUMN 2	5	6.334	6.284	6.384	24500	25000	17.39

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE7DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-04DL 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 PQ071422.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.043	5.993	6.093	69200		
	2	6.3	6.25	6.35	74500		
	3	6.652	6.602	6.702	70000		
COLUMN 1	4	6.867	6.817	6.917	72100		
	5	7.175	7.125	7.225	80400	73000	
	1	5.293	5.243	5.343	85400		
	2	5.483	5.433	5.533	88600		
	3	5.626	5.576	5.676	86100		
	4	6.09	6.04	6.14	85500		
COLUMN 2	5	6.335	6.285	6.385	96300	88000	18.63

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE8DL

Lab Name: Alliance
Contract: TETR16
Lab Code: ACE
SDG NO.: Q3672
Lab Sample ID: Q3672-05DL
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 PQ071423.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	2890		
	2	6.3	6.25	6.35	3230		
	3	6.652	6.602	6.702	3180		
COLUMN 1	4	6.867	6.817	6.917	3000		
	5	7.174	7.124	7.224	2650	3000	
	1	5.293	5.243	5.343	3530		
	2	5.483	5.433	5.533	3760		
	3	5.626	5.576	5.676	3300		
	4	6.089	6.039	6.139	3530		
COLUMN 2	5	6.334	6.284	6.384	3240	3500	15.38

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: C0AF8DL

Lab Name: Alliance | Contract: TETR16
Lab Code: ACE | SDG NO.: Q3672
Lab Sample ID: Q3672-11DL | 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: PQ071424.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.497	4.447	4.547	205		
	2	4.76	4.71	4.81	238		
	3	4.949	4.899	4.999	228		
COLUMN 1	4	5.311	5.261	5.361	416		
	5	5.337	5.287	5.387	212	260	
	1	3.869	3.819	3.919	236		
	2	4.095	4.045	4.145	278		
	3	4.133	4.083	4.183	261		
	4	4.292	4.242	4.342	271		
COLUMN 2	5	4.67	4.62	4.72	319	273	4.88
Aroclor-1254	1	5.311	5.261	5.361	315		
	2	5.526	5.476	5.576	290		
	3	5.876	5.826	5.926	221		
COLUMN 1	4	6.158	6.108	6.208	217		
	5	6.569	6.519	6.619	539	316	
	1	4.631	4.581	4.681	326		
	2	4.778	4.728	4.828	289		
	3	5.162	5.112	5.212	244		
	4	5.389	5.339	5.439	250		
COLUMN 2	5	5.796	5.746	5.846	556	333	5.24

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.042	5.992	6.092	331		
	2	6.299	6.249	6.349	356		
	3	6.652	6.602	6.702	293		
COLUMN 1	4	6.867	6.817	6.917	304		
	5	7.174	7.124	7.224	289	315	
	1	5.293	5.243	5.343	466		
	2	5.482	5.432	5.532	430		
	3	5.624	5.574	5.674	420		
	4	6.089	6.039	6.139	364		
COLUMN 2	5	6.334	6.284	6.384	358	408	25.73

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF9DL

Lab Name: Alliance | Contract: TETR16

Lab Code: ACE | SDG NO.: Q3672

Lab Sample ID: Q3672-12DL | 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 PQ071425.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248	1	4.516	4.466	4.566	20700		
	2	4.761	4.711	4.811	14300		
	3	4.949	4.899	4.999	17400		
COLUMN 1	4	5.31	5.26	5.36	25900		
	5	5.337	5.287	5.387	14900	19000	
	1	3.885	3.835	3.935	21000		
	2	4.095	4.045	4.145	16200		
	3	4.133	4.083	4.183	19100		
	4	4.293	4.243	4.343	20200		
COLUMN 2	5	4.67	4.62	4.72	27400	21000	10
Aroclor-1260	1	6.042	5.992	6.092	17300		
	2	6.3	6.25	6.35	18100		
	3	6.652	6.602	6.702	16300		
COLUMN 1	4	6.867	6.817	6.917	17000		
	5	7.174	7.124	7.224	17700	17000	
	1	5.293	5.243	5.343	25200		
	2	5.483	5.433	5.533	21500		
	3	5.626	5.576	5.676	20900		
	4	6.09	6.04	6.14	19900		
COLUMN 2	5	6.334	6.284	6.384	20800	22000	25.64

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AE7DL2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-04DL2 Date(s) Analyzed: 11/22/2025 11/22/2025

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

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

Data file PQ071469.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	58300		
	2	6.3	6.25	6.35	61800		
	3	6.652	6.602	6.702	57700		
COLUMN 1	4	6.867	6.817	6.917	58900		
	5	7.175	7.125	7.225	59900	59000	
	1	5.293	5.243	5.343	60100		
	2	5.482	5.432	5.532	60800		
	3	5.625	5.575	5.675	60000		
	4	6.089	6.039	6.139	57900		
COLUMN 2	5	6.333	6.283	6.383	58400	59000	0

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AF9DL2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-12DL2 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 PQ071483.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1248							
	1	4.516	4.466	4.566	28300		
	2	4.761	4.711	4.811	19300		
	3	4.949	4.899	4.999	23000		
COLUMN 1	4	5.31	5.26	5.36	32900		
	5	5.338	5.288	5.388	19100	25000	
	1	3.884	3.834	3.934	24300		
	2	4.095	4.045	4.145	19100		
	3	4.132	4.082	4.182	22200		
	4	4.292	4.242	4.342	23200		
COLUMN 2	5	4.669	4.619	4.719	30000	24000	4.08
Aroclor-1260							
	1	6.042	5.992	6.092	21100		
	2	6.3	6.25	6.35	22200		
	3	6.652	6.602	6.702	19500		
COLUMN 1	4	6.867	6.817	6.917	19800		
	5	7.174	7.124	7.224	20000	21000	
	1	5.293	5.243	5.343	26800		
	2	5.482	5.432	5.532	22800		
	3	5.625	5.575	5.675	21600		
	4	6.088	6.038	6.138	19600		
COLUMN 2	5	6.333	6.283	6.383	19300	22000	4.65

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG0DL

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-13DL 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 PQ071489.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.055	6.005	6.105	593000		
	2	6.311	6.261	6.361	631000		
	3	6.665	6.615	6.715	586000		
COLUMN 1	4	6.88	6.83	6.93	598000		
	5	7.186	7.136	7.236	634000	610000	
	1	5.293	5.243	5.343	629000		
	2	5.482	5.432	5.532	650000		
	3	5.626	5.576	5.676	626000		
	4	6.09	6.04	6.14	606000		
COLUMN 2	5	6.334	6.284	6.384	633000	630000	3.23

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

C0AG0DL2

Lab Name: Alliance Contract: TETR16

Lab Code: ACE SDG NO.: Q3672

Lab Sample ID: Q3672-13DL2 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 PQ071494.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1260	1	6.042	5.992	6.092	493000		
	2	6.299	6.249	6.349	523000		
	3	6.652	6.602	6.702	483000		
COLUMN 1	4	6.867	6.817	6.917	490000		
	5	7.174	7.124	7.224	500000	500000	
	1	5.292	5.242	5.342	514000		
	2	5.481	5.431	5.531	525000		
	3	5.624	5.574	5.674	509000		
	4	6.088	6.038	6.138	491000		
COLUMN 2	5	6.332	6.282	6.382	491000	510000	1.98

QC SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170653BL	SDG No.:	Q3672
Lab Sample ID:	PB170653BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

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	11/20/25 20:47	PB170653
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/20/25 20:47	PB170653
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/20/25 20:47	PB170653
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/20/25 20:47	PB170653
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/20/25 20:47	PB170653
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/20/25 20:47	PB170653
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/20/25 20:47	PB170653
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/20/25 20:47	PB170653
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	11/20/25 20:47	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.7			21 - 165	133%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.0			10 - 170	130%	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

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\PQ112025\
Data File : PQ071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:47
Operator : YP\AJ
Sample : PB170653BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170653BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:06 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	2.856	200.8E6	249.0E6	23.067	26.671
2)	SA Decachlor...	8.535	7.655	138.7E6	237.5E6	22.149	25.990
	Target Compounds						

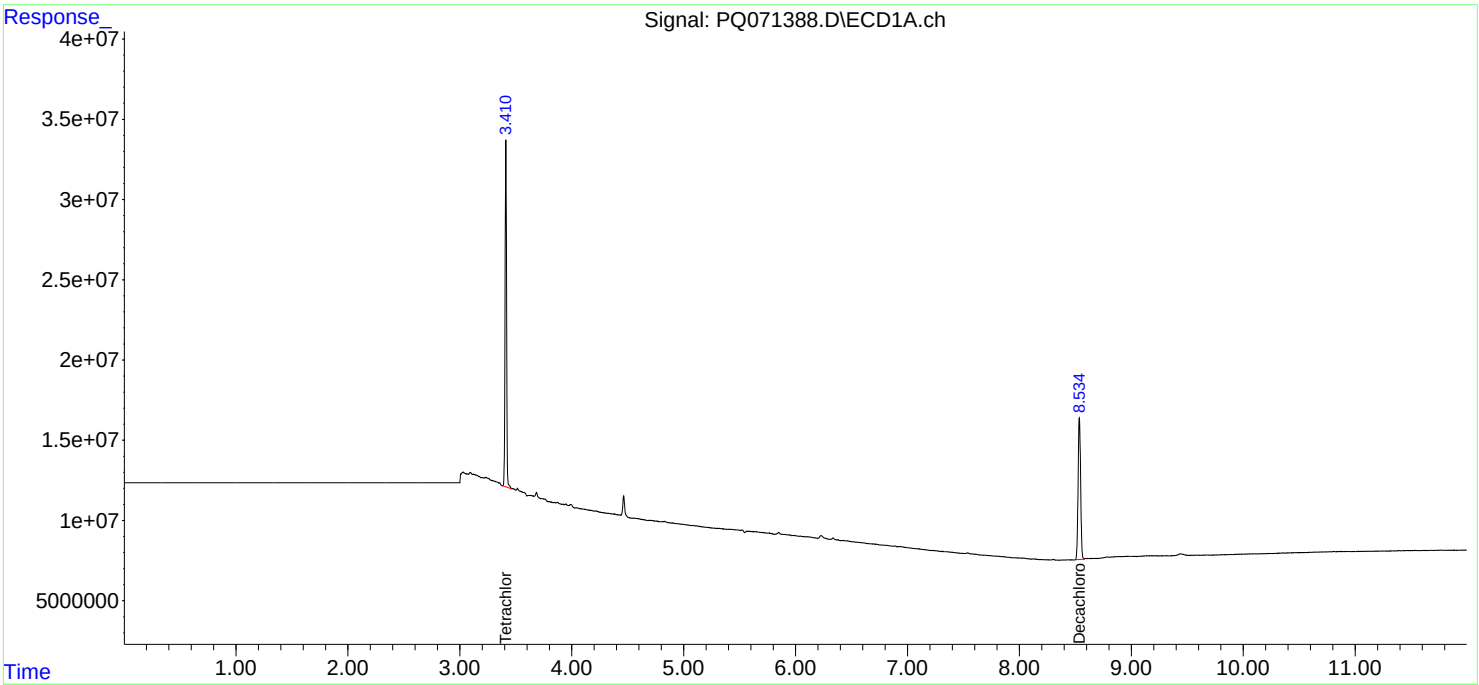
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

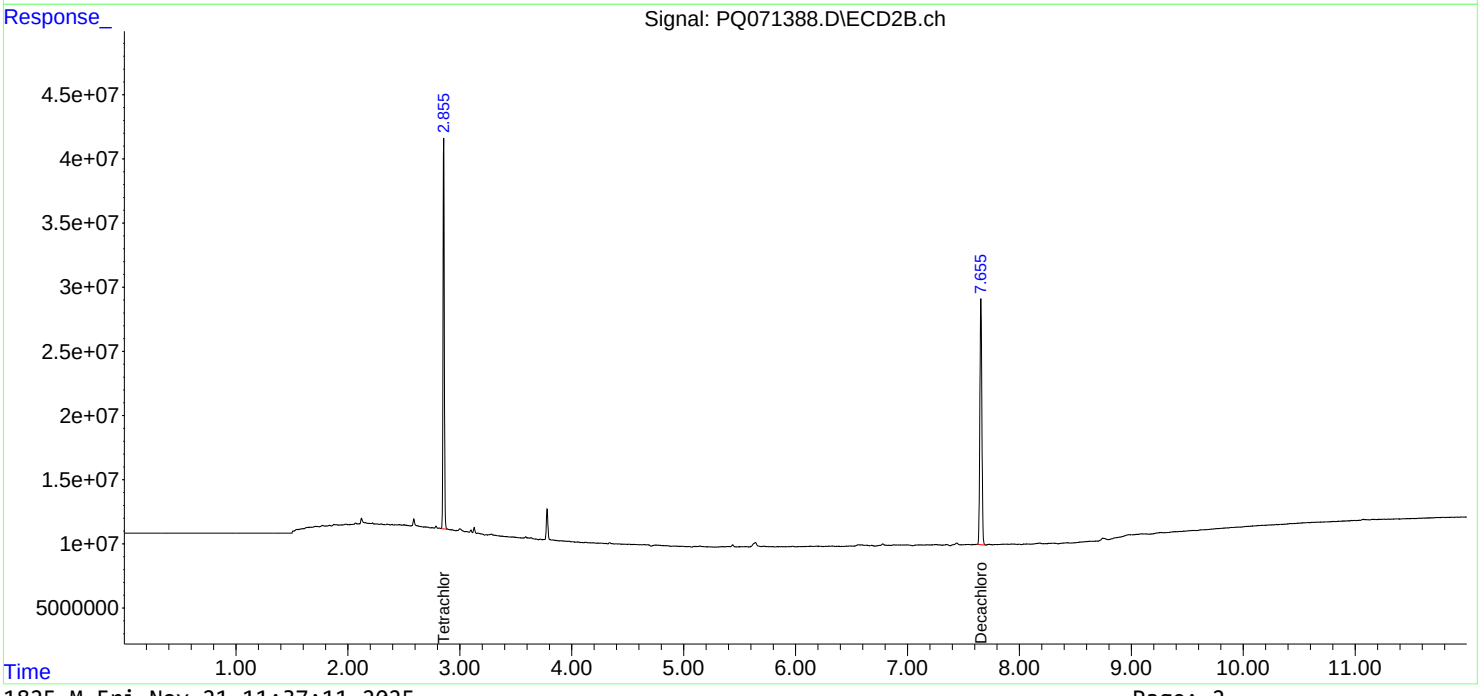
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071388.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:47
Operator : YP\AJ
Sample : PB170653BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

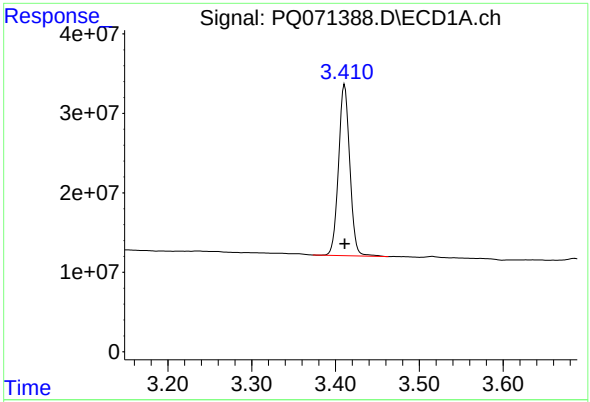
Instrument :
ECD_Q
ClientSampleId :
PB170653BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:06 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



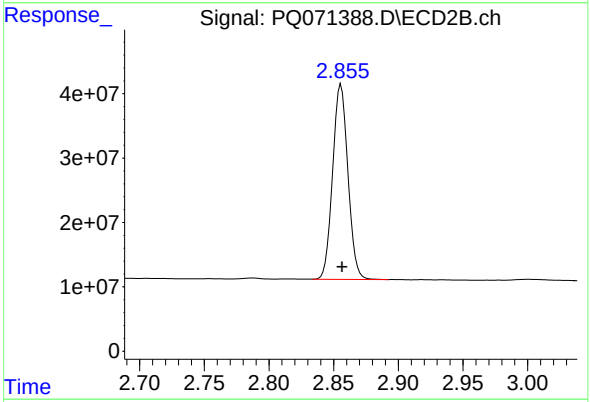




#1 Tetrachloro-m-xylene

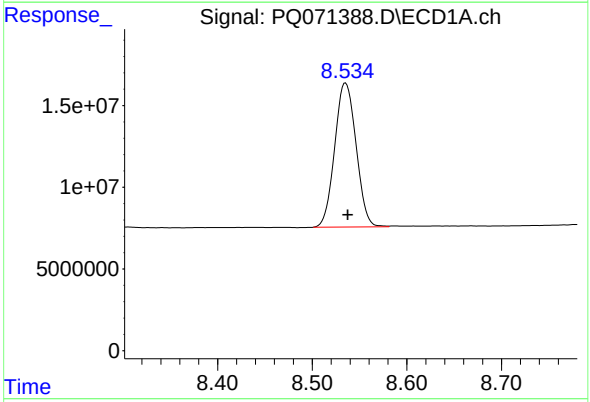
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 200798750
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BL



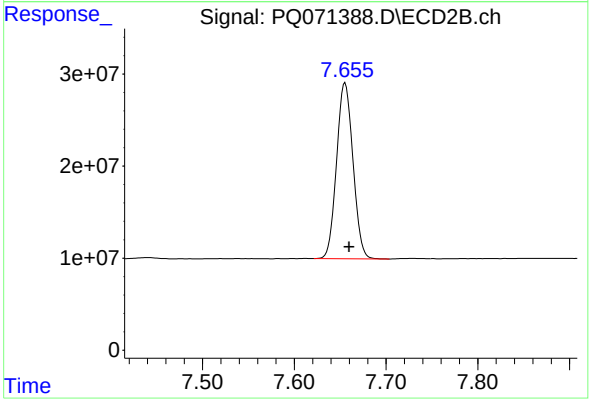
#1 Tetrachloro-m-xylene

R.T.: 2.856 min
Delta R.T.: 0.000 min
Response: 249014522
Conc: 26.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 138688163
Conc: 22.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 237490326
Conc: 25.99 ng/ml

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

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.:	Q3672
Lab Sample ID:	I.BLK-PQ071272.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	11/18/25	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

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						

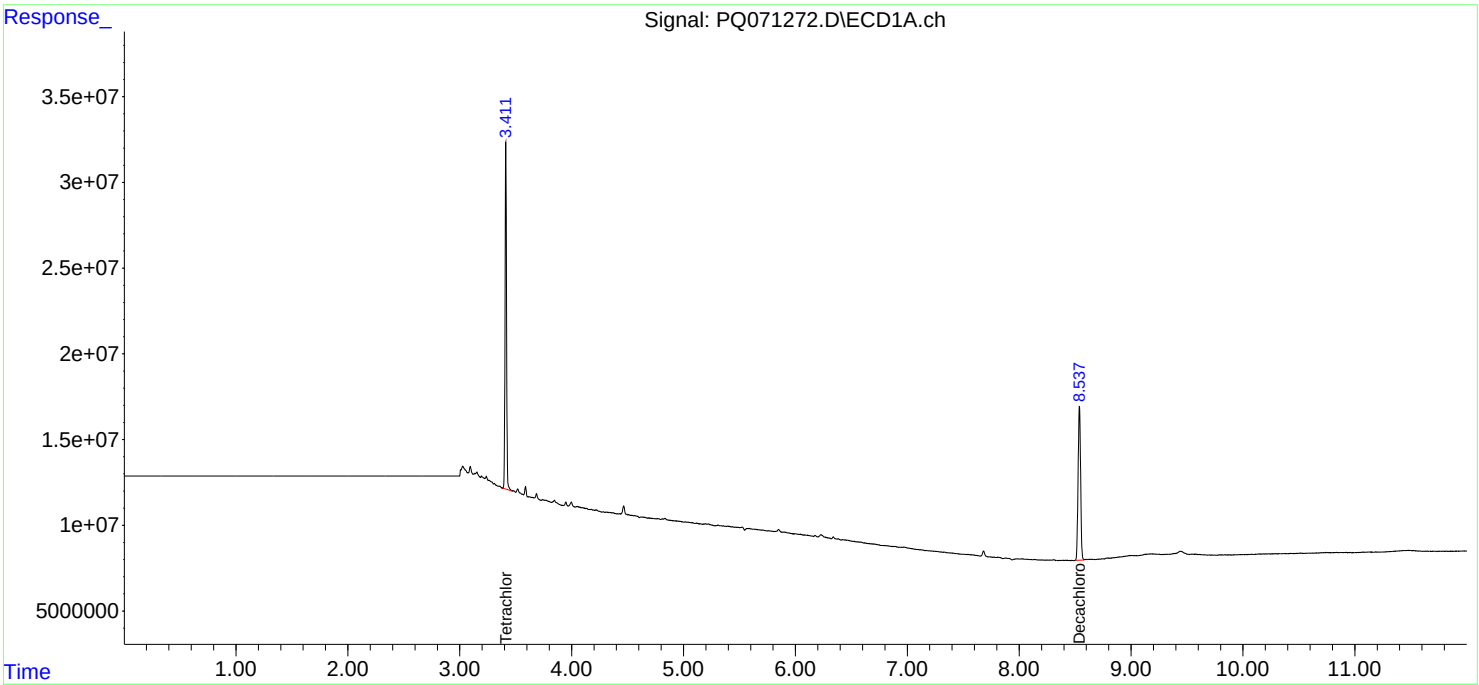
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

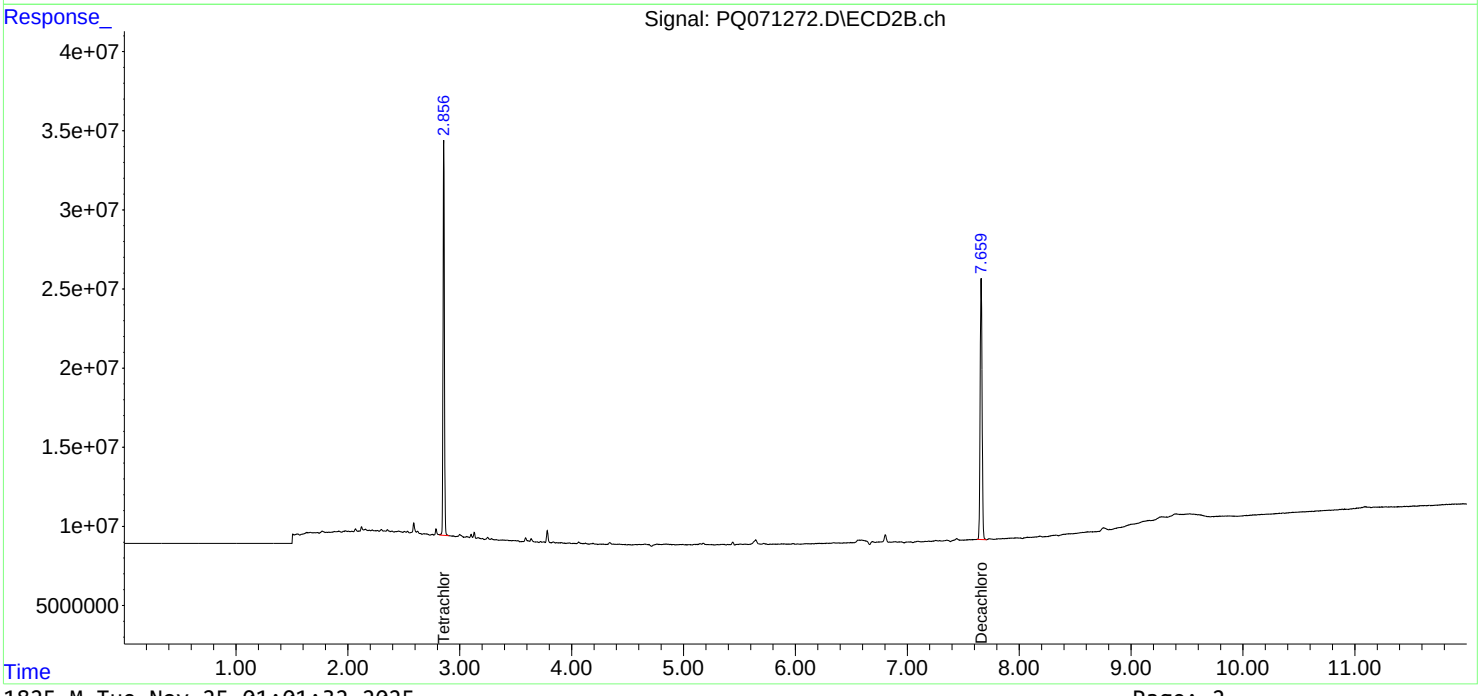
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111825\
Data File : PQ071272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

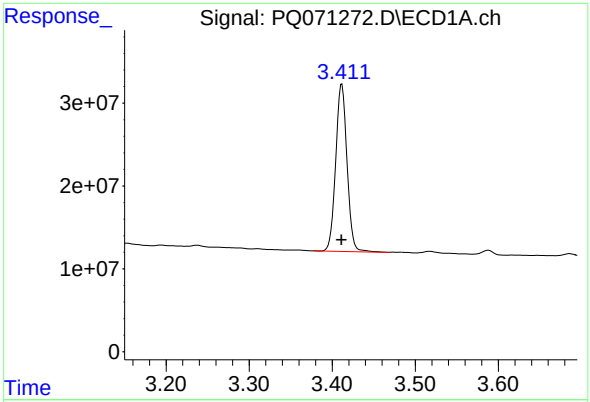
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



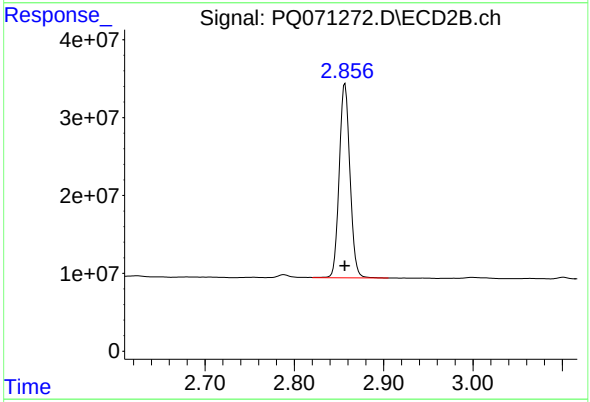




#1 Tetrachloro-m-xylene

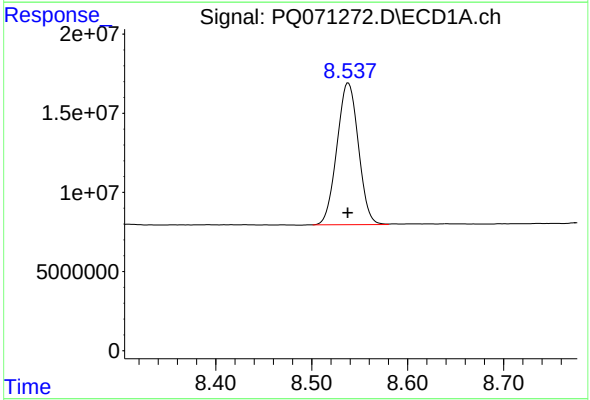
R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 190802862
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



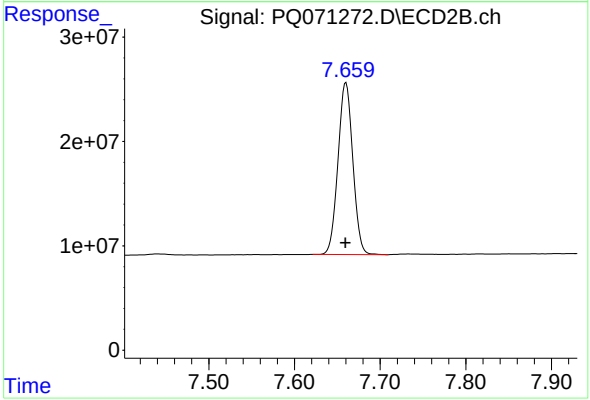
#1 Tetrachloro-m-xylene

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

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/20/25
Project:	R37108	Date Received:	11/20/25
Client Sample ID:	PIBLK-PQ071387.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071387.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	11/20/25	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/20/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/20/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/20/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/20/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/20/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/20/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/20/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/20/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			60 - 140	117%	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

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\PQ112025\
Data File : PQ071387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:33
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 21 03:47:50 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	203.7E6	255.7E6	23.403	27.387
2)	SA Decachlor...	8.535	7.656	139.1E6	244.8E6	22.221	26.791
	Target Compounds						

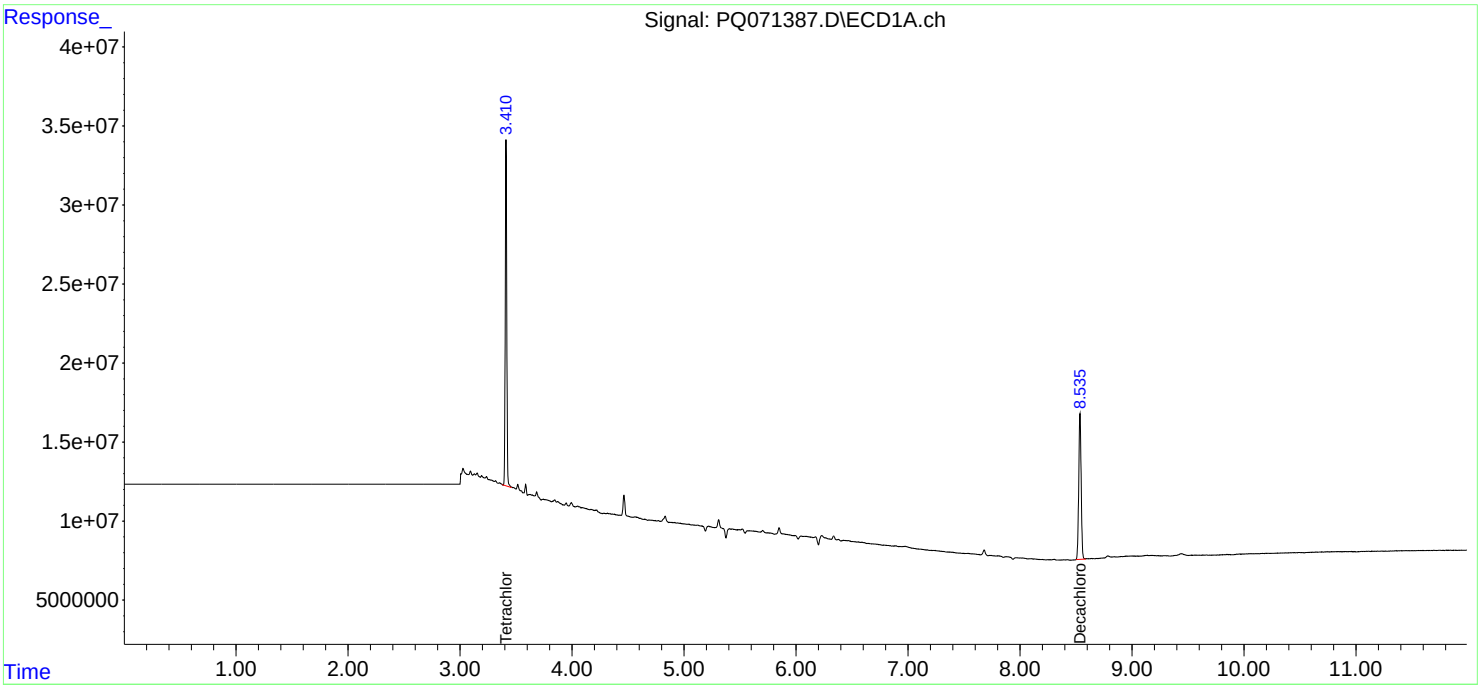
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

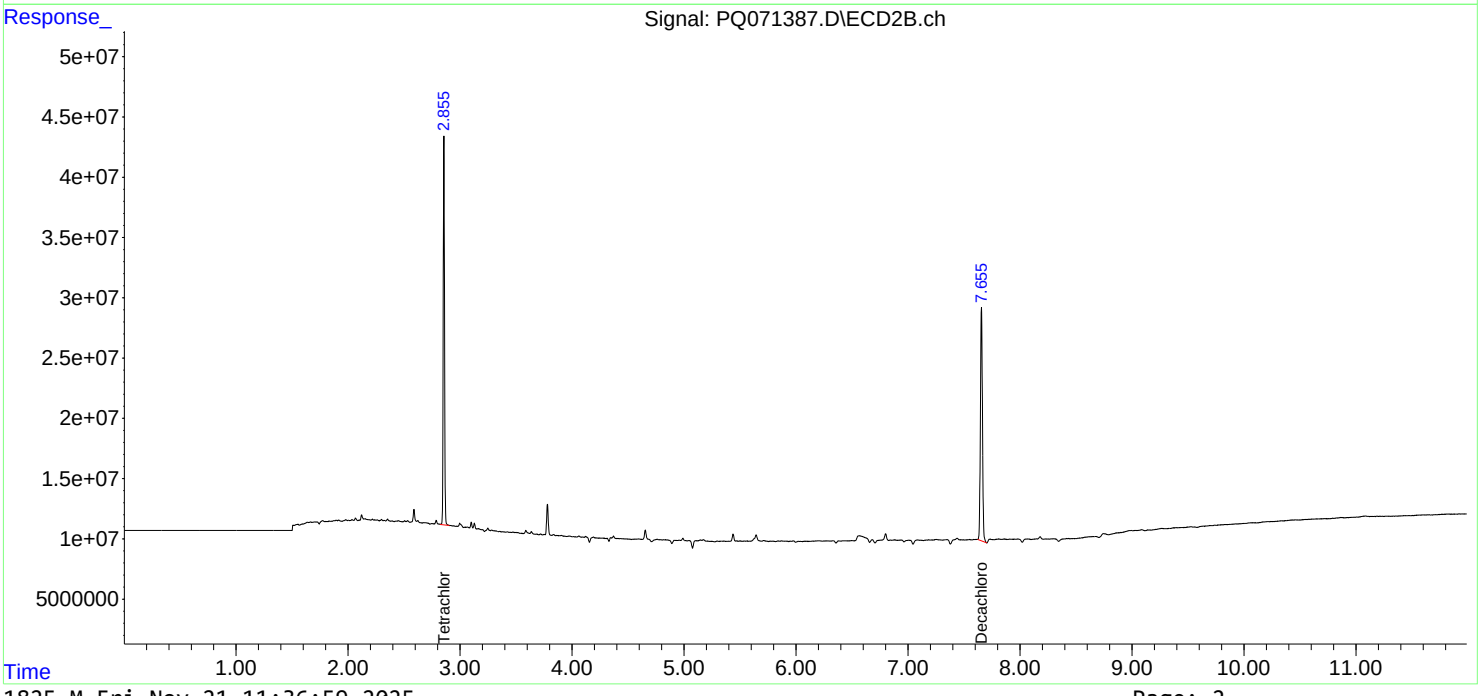
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 20:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

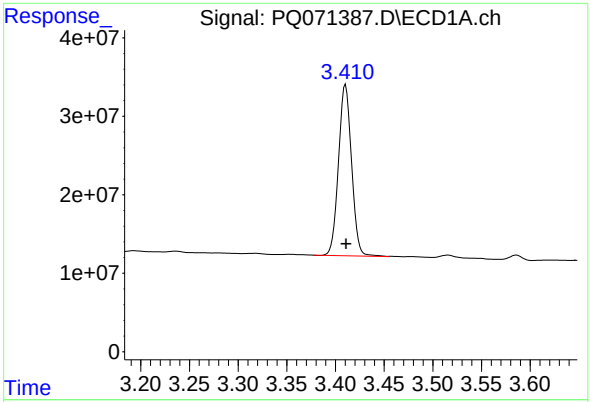
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:47:50 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



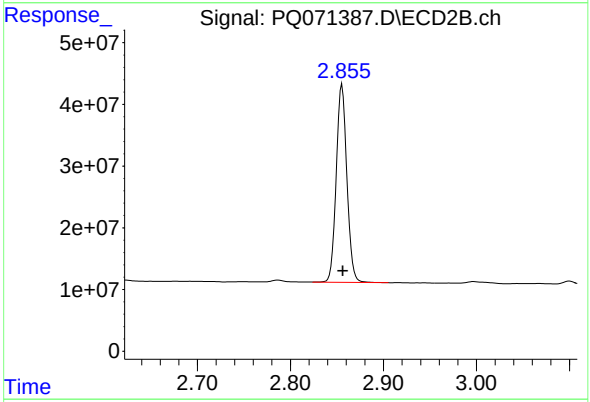




#1 Tetrachloro-m-xylene

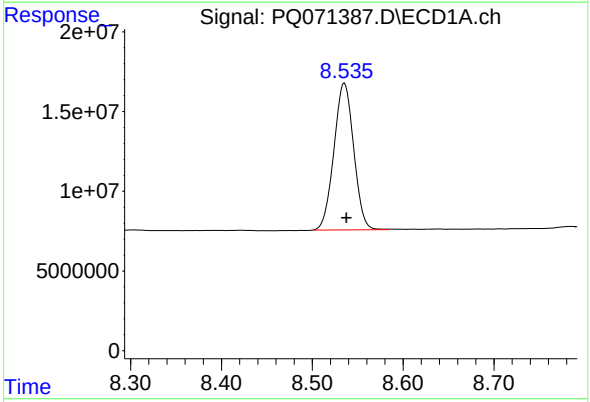
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 203730931
Conc: 23.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



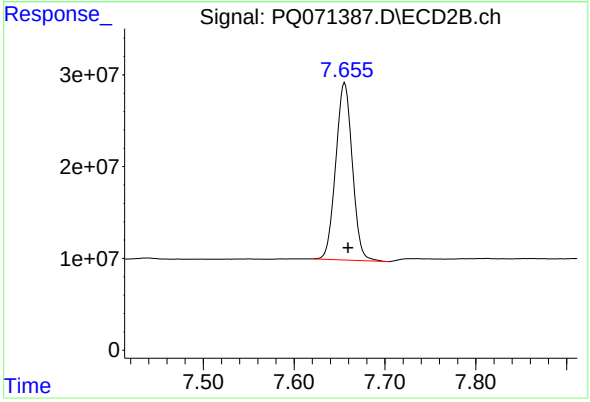
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 255700432
Conc: 27.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 139139353
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 244804448
Conc: 26.79 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071399.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071399.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	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.8			60 - 140	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.1			60 - 140	116%	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

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\PQ112025\
Data File : PQ071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 00:40
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 21 09:10:23 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	2.854	206.9E6	256.1E6	23.770	27.433
2)	SA Decachlor...	8.534	7.654	144.7E6	251.4E6	23.110	27.517
	Target Compounds						

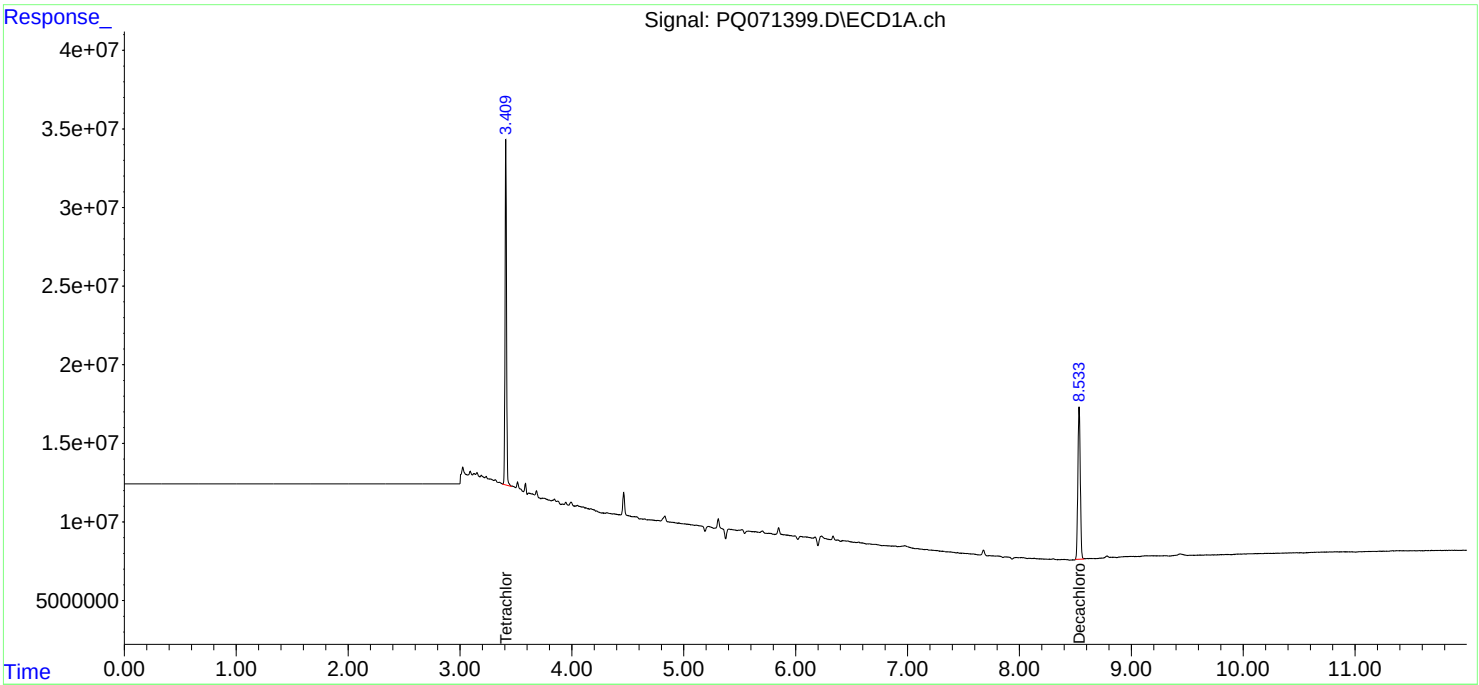
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

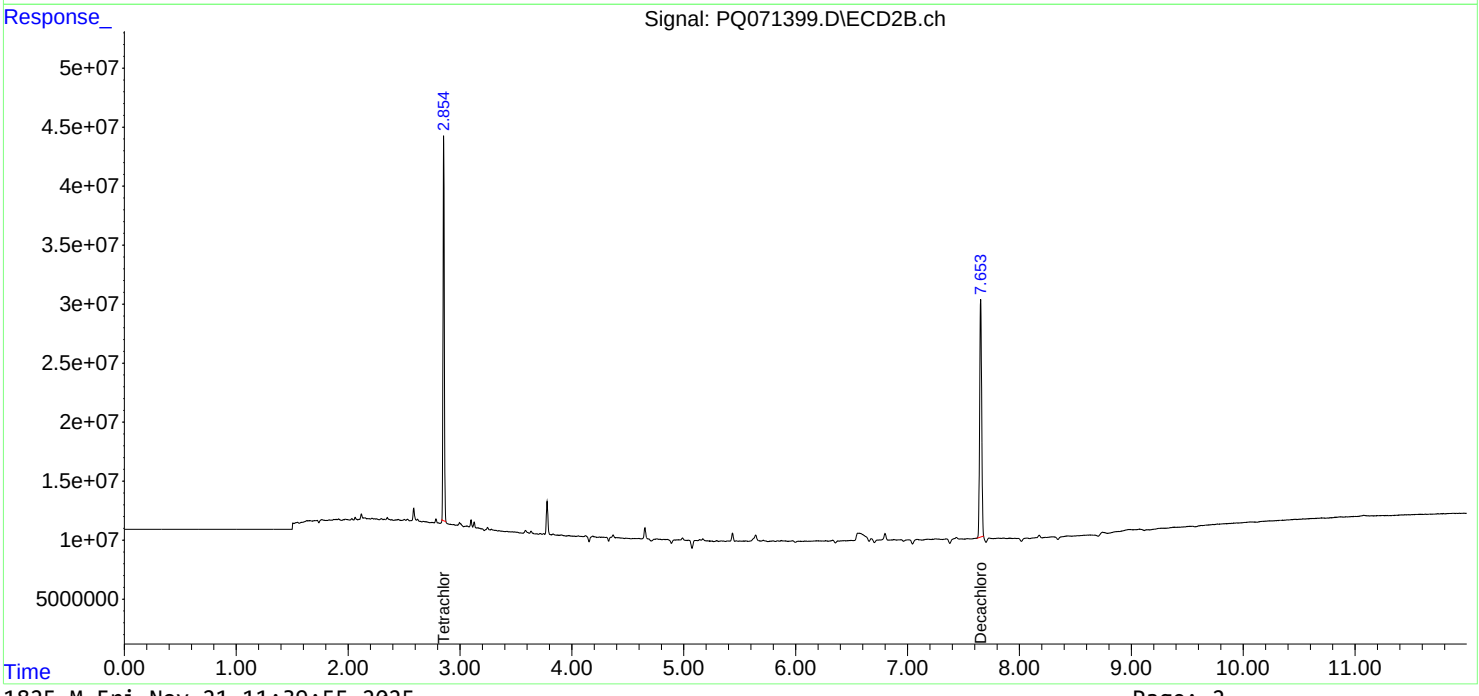
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 00:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

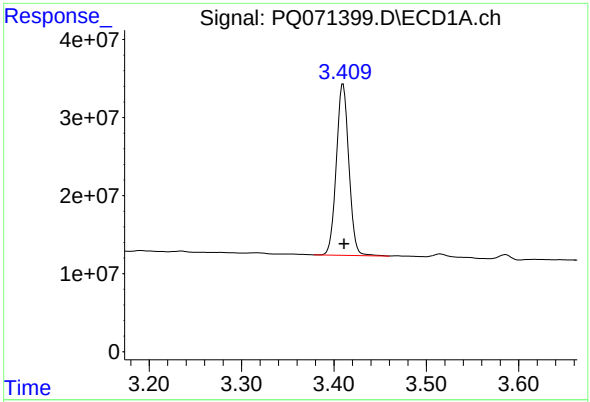
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 09:10:23 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



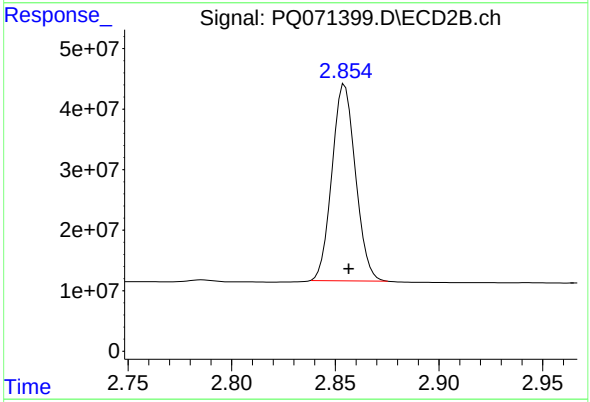




#1 Tetrachloro-m-xylene

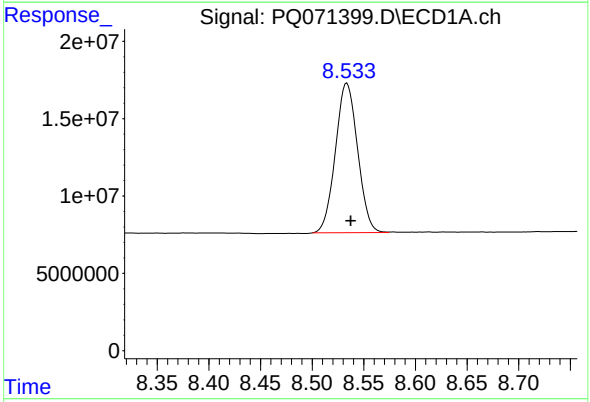
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 206924451
Conc: 23.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



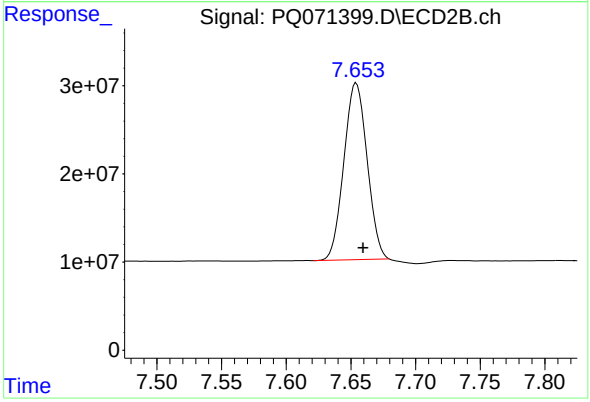
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.002 min
Response: 256132883
Conc: 27.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 144702721
Conc: 23.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.654 min
Delta R.T.: -0.005 min
Response: 251440466
Conc: 27.52 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071411.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071411.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	pq112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	pq112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	pq112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	pq112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	pq112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	pq112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	pq112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	pq112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	pq112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.6			60 - 140	118%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.0			60 - 140	115%	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

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\PQ112025\
Data File : PQ071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 04:47
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 21 09:02:56 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	2.855	205.3E6	256.4E6	23.583	27.459
2)	SA Decachlor...	8.534	7.653	144.3E6	252.3E6	23.038	27.607
	Target Compounds						

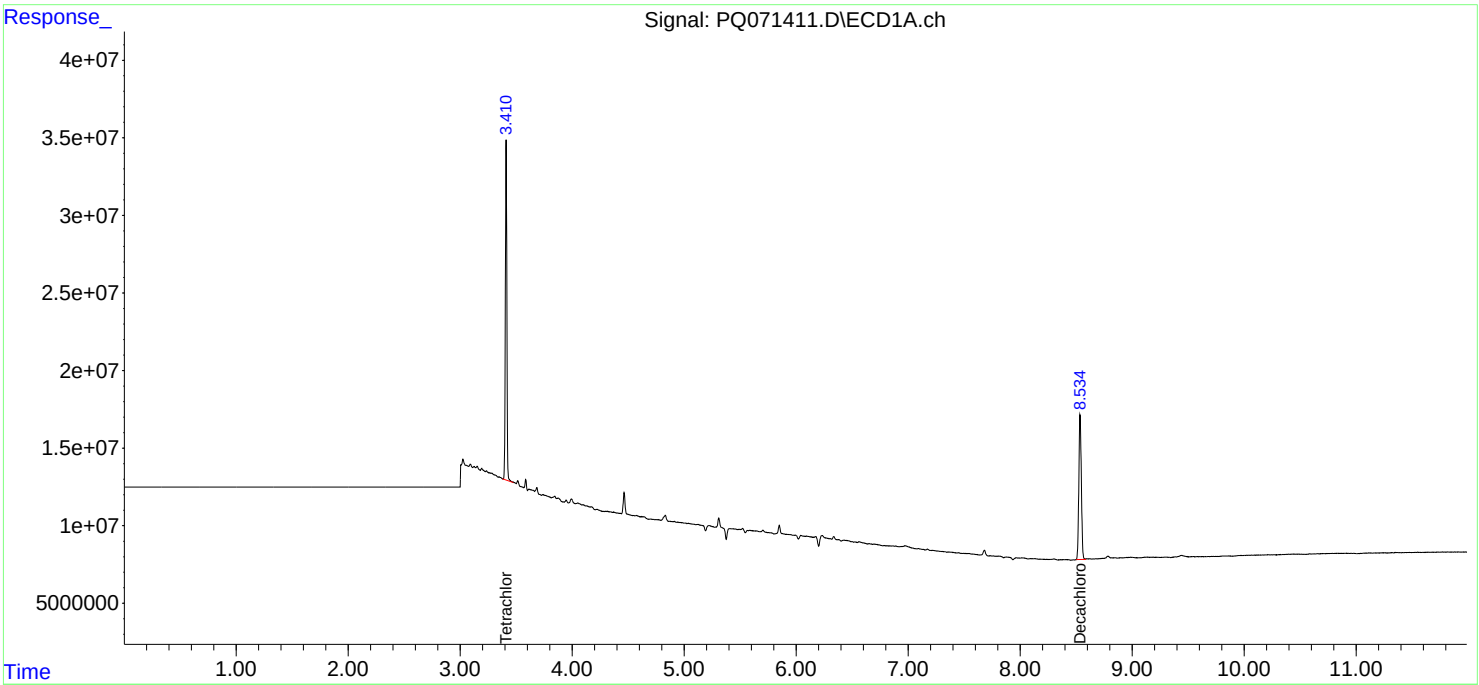
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

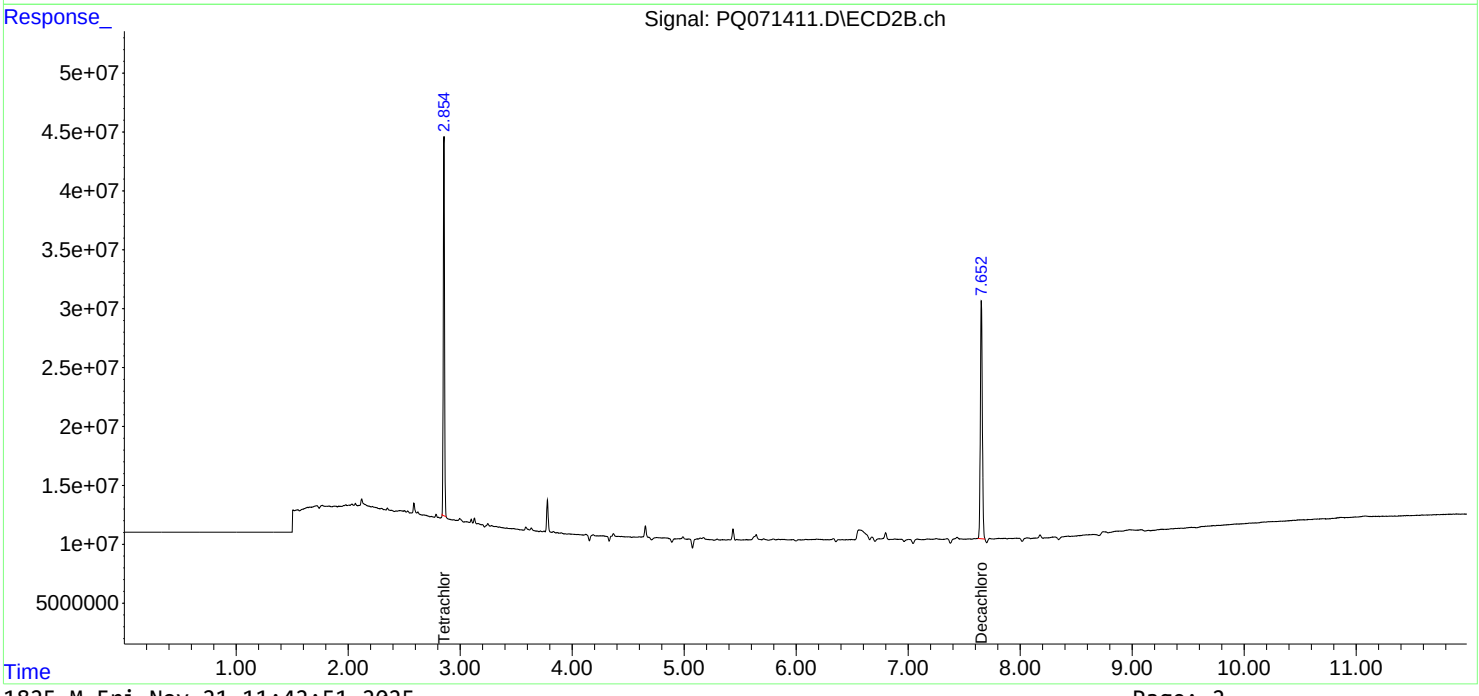
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 04:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

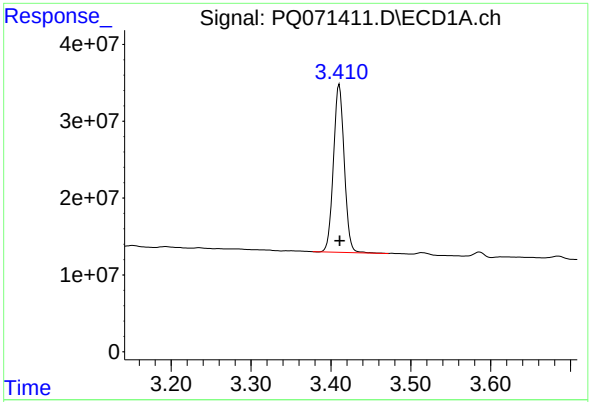
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 09:02:56 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



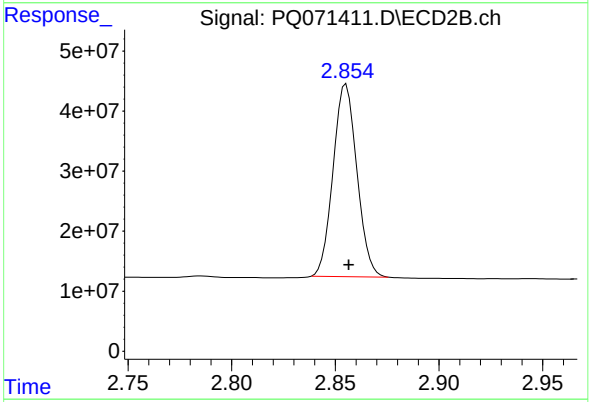




#1 Tetrachloro-m-xylene

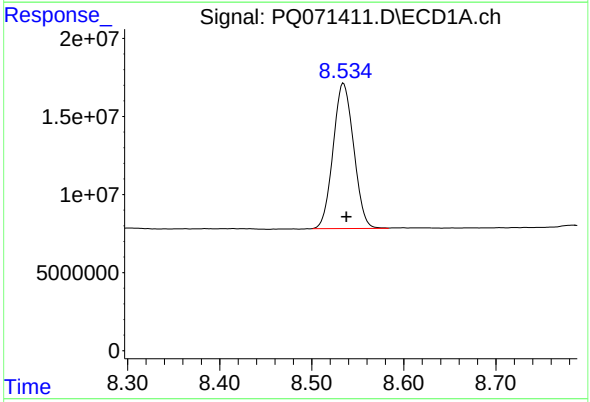
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 205293168
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



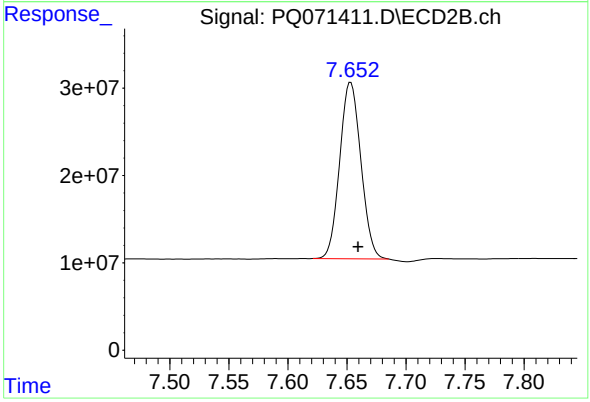
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 256378171
Conc: 27.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 144250479
Conc: 23.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 252262516
Conc: 27.61 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/25
Project:	R37108	Date Received:	11/21/25
Client Sample ID:	PIBLK-PQ071416.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071416.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	PQ112025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/21/25	PQ112025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/21/25	PQ112025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/21/25	PQ112025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/21/25	PQ112025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/21/25	PQ112025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/21/25	PQ112025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/21/25	PQ112025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/21/25	PQ112025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.0			60 - 140	120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.6			60 - 140	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

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\PQ112025\
Data File : PQ071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 07:13
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 21 09:07:15 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	208.7E6	258.2E6	23.969	27.656
2)	SA Decachlor...	8.536	7.653	147.8E6	252.2E6	23.599	27.602
	Target Compounds						

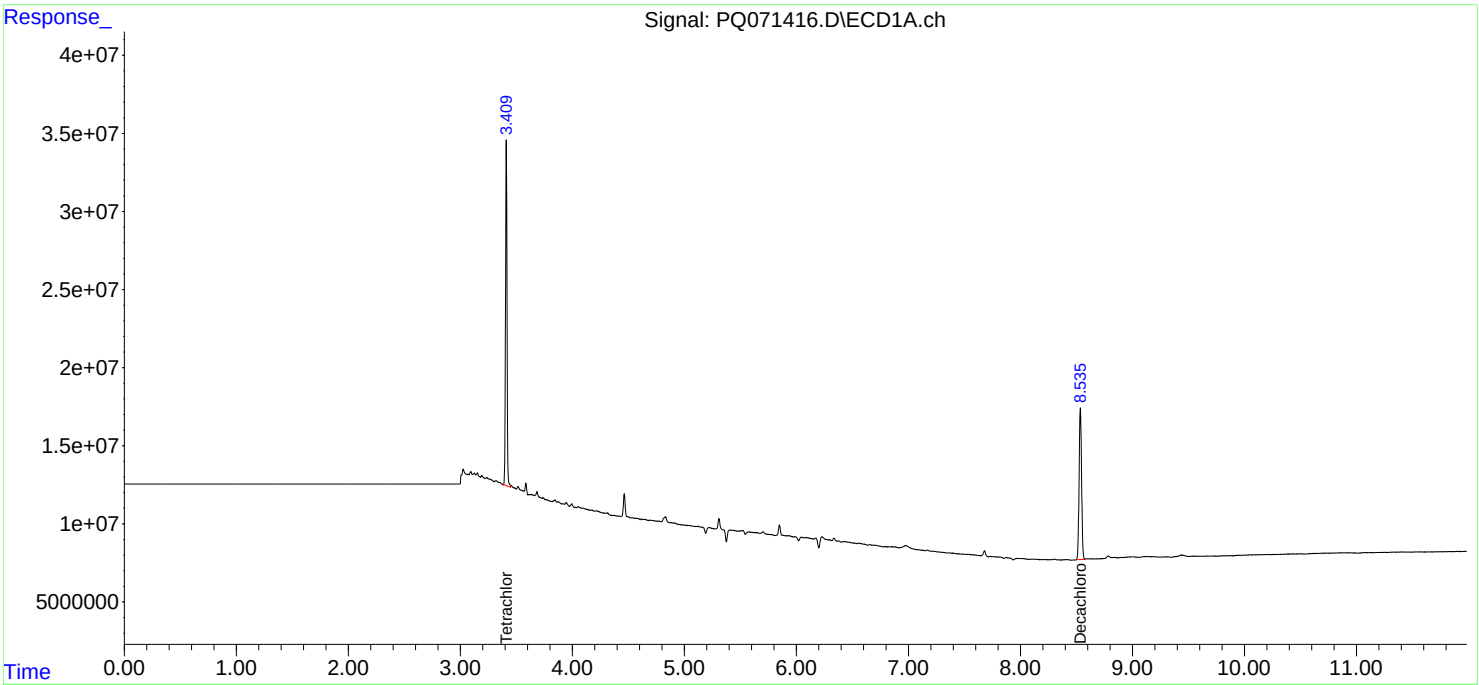
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

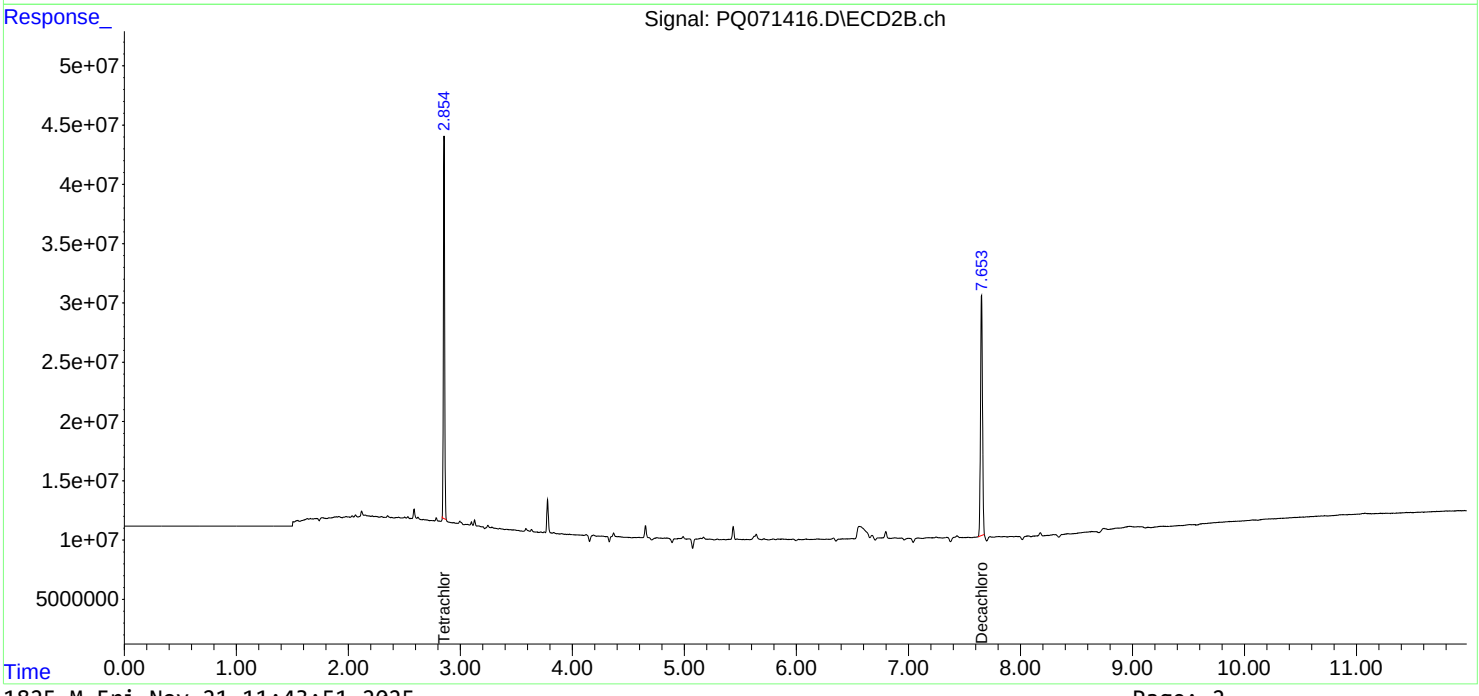
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 07:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

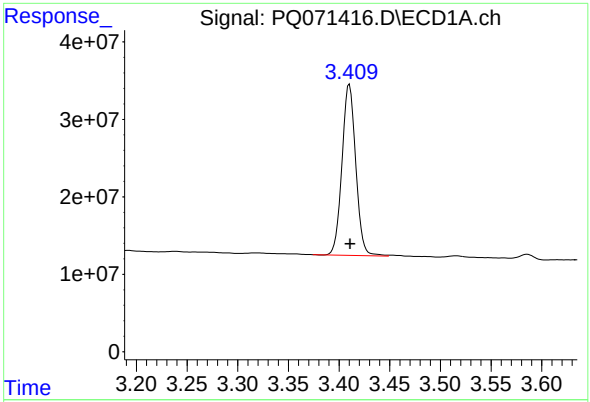
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 09:07:15 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



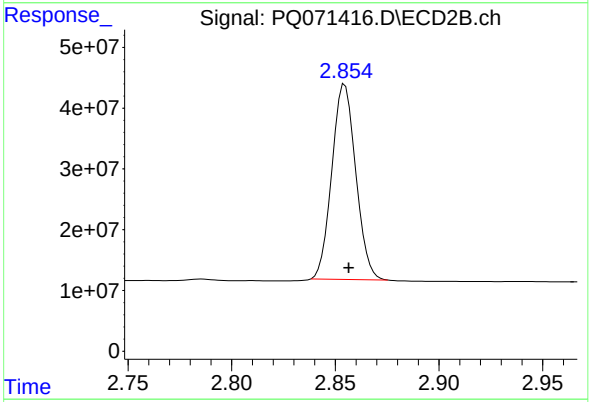




#1 Tetrachloro-m-xylene

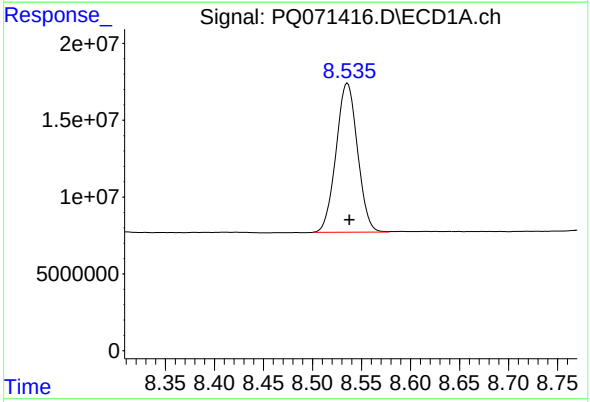
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 208656338
Conc: 23.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



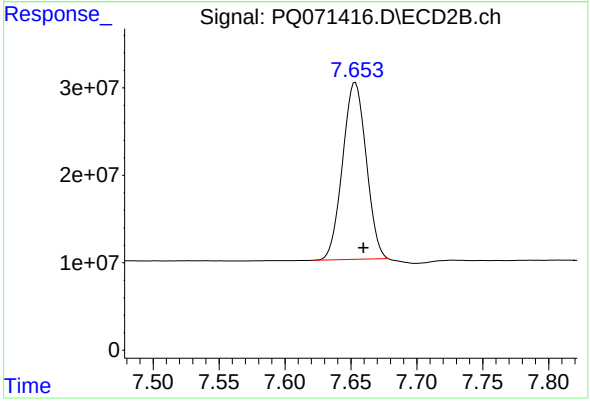
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.002 min
Response: 258212790
Conc: 27.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 147767974
Conc: 23.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.006 min
Response: 252218819
Conc: 27.60 ng/ml

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

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.:	Q3672
Lab Sample ID:	I.BLK-PQ071419.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	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

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						

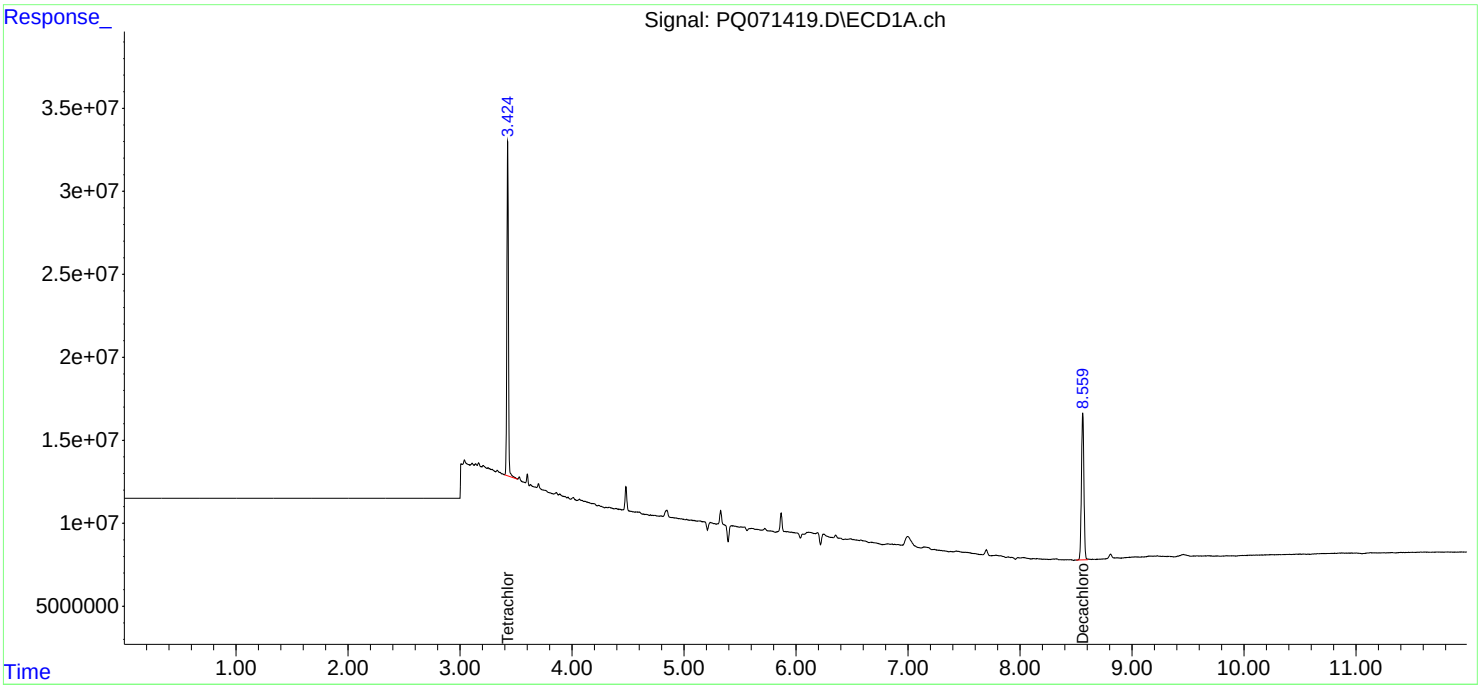
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

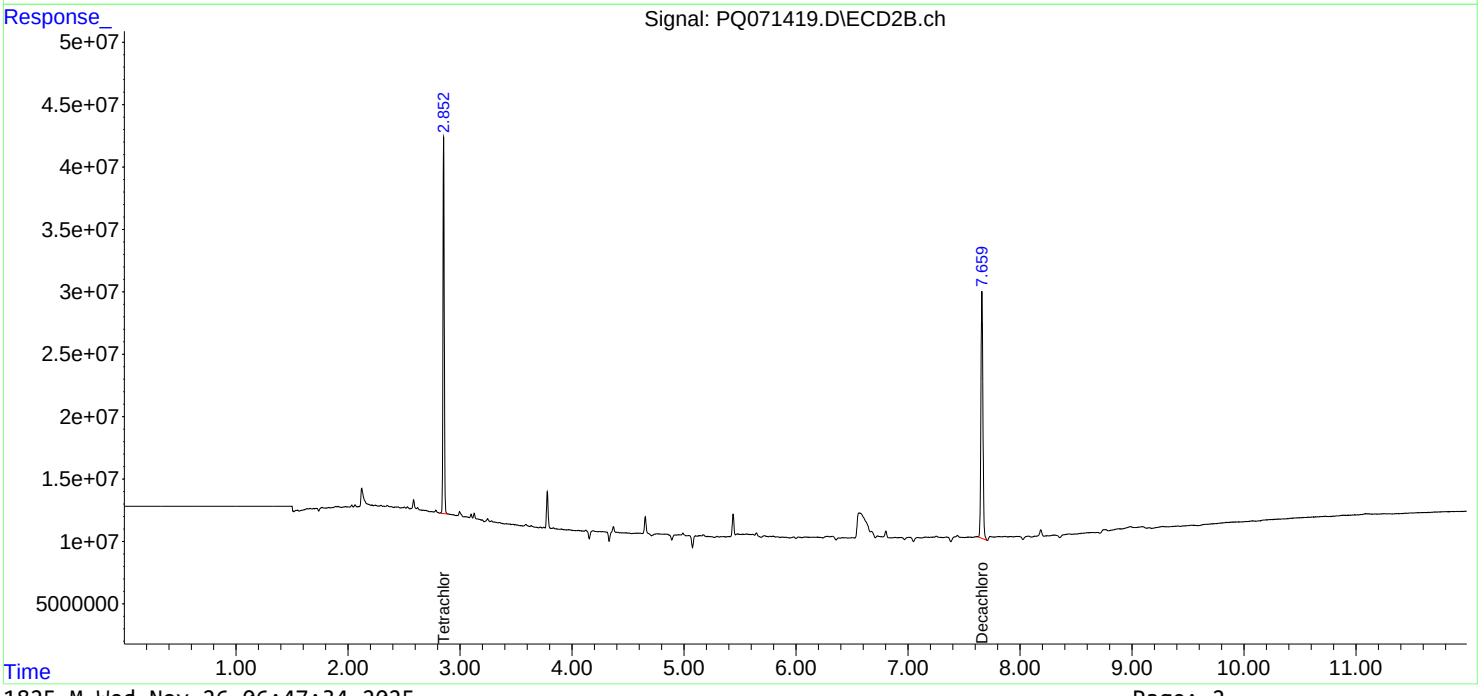
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

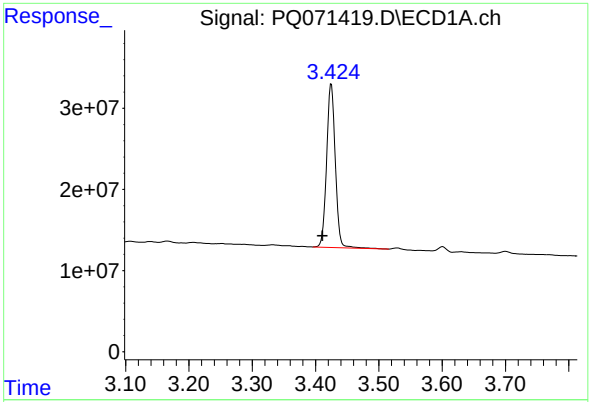
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



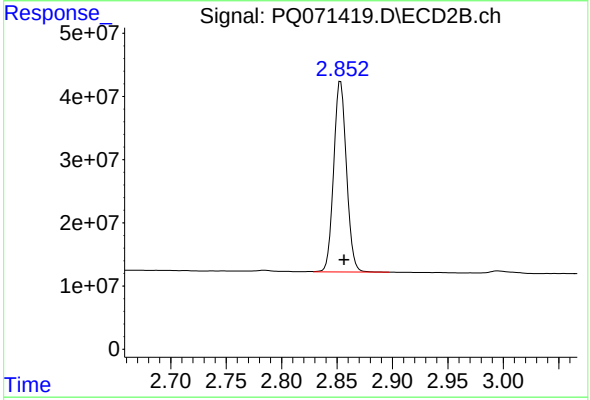




#1 Tetrachloro-m-xylene

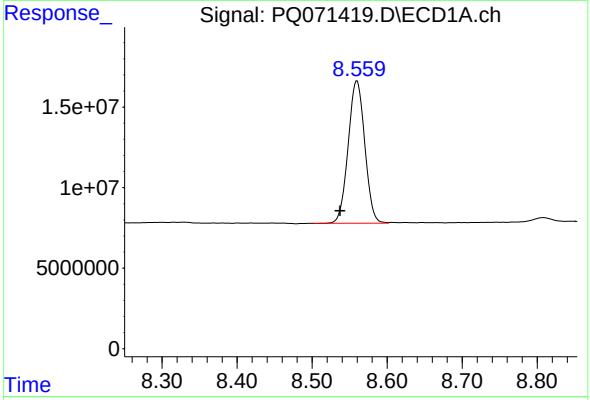
R.T.: 3.425 min
Delta R.T.: 0.014 min
Response: 192095739
Conc: 22.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



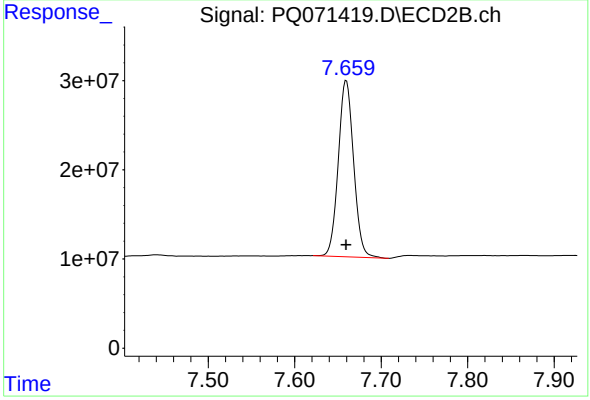
#1 Tetrachloro-m-xylene

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

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

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.:	Q3672
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

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						

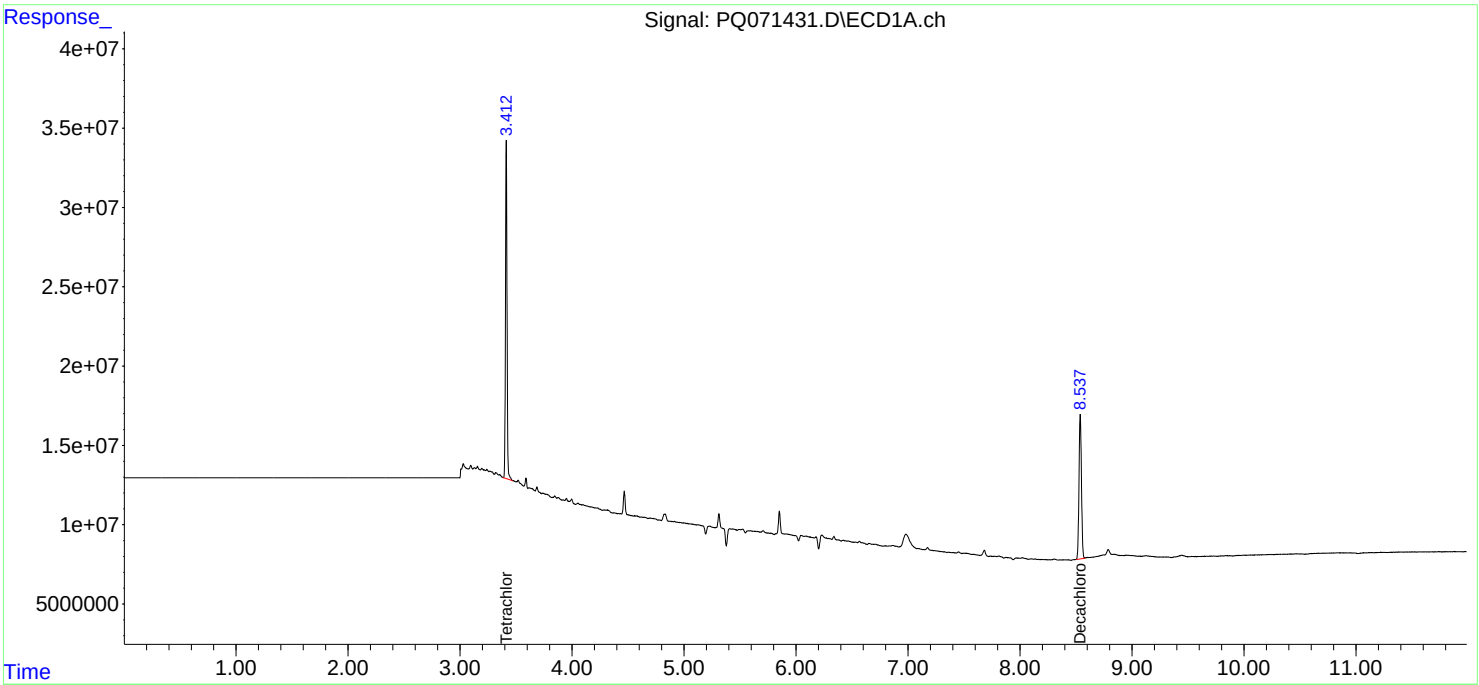
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

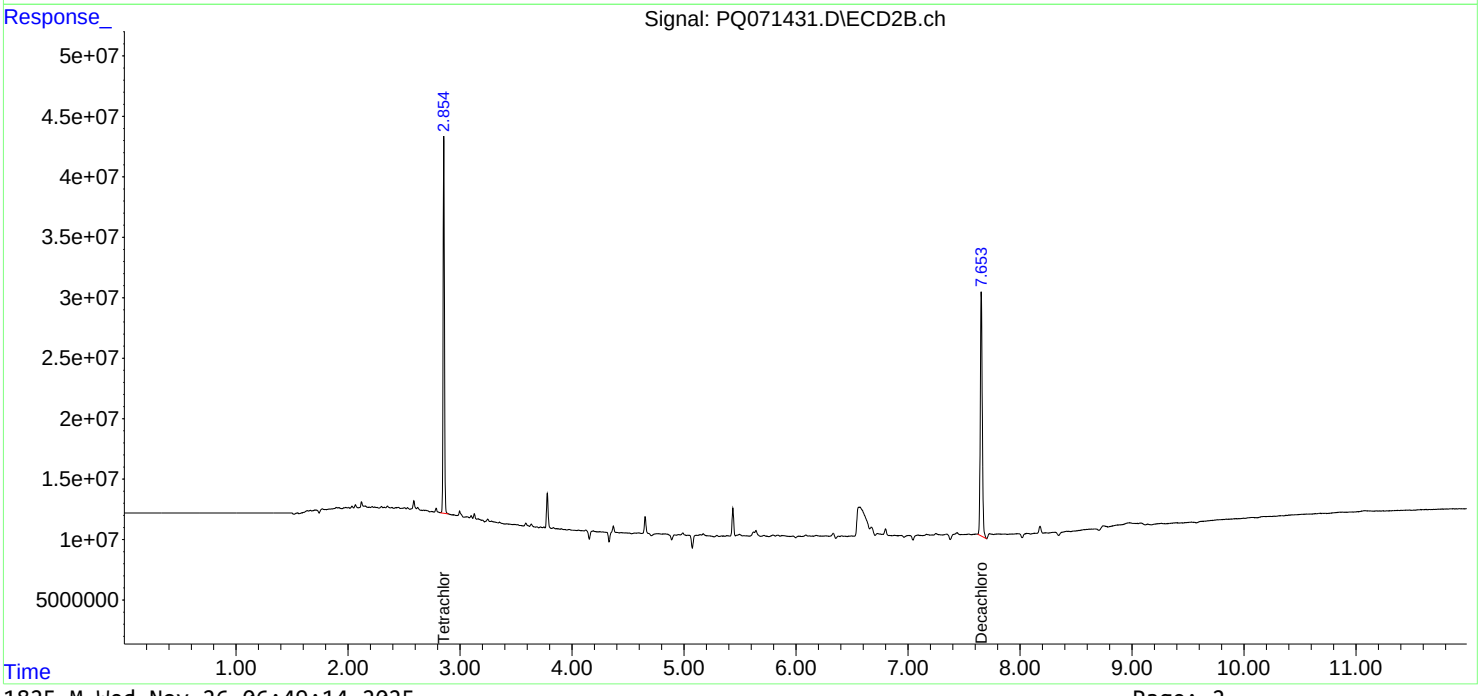
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

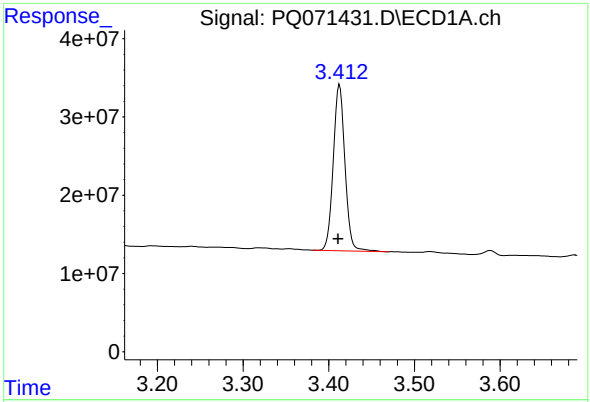
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



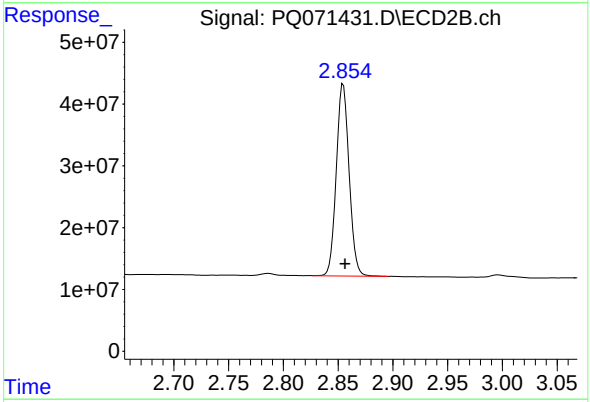




#1 Tetrachloro-m-xylene

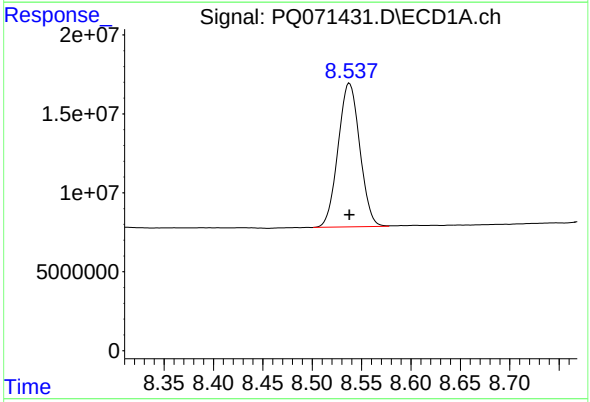
R.T.: 3.413 min
Delta R.T.: 0.002 min
Response: 201659795
Conc: 23.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



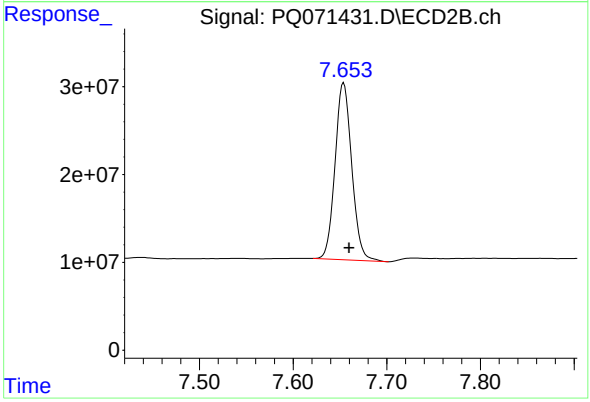
#1 Tetrachloro-m-xylene

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

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/22/25
Project:	R37108	Date Received:	11/22/25
Client Sample ID:	PIBLK-PQ071467.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071467.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	11/22/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/22/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/22/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/22/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/22/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/22/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/22/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/22/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/22/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			60 - 140	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.3			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

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 : PQ071467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:52
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 25 01:02:35 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...	3.409	2.853	200.8E6	214.5E6	23.069	22.970
2)	SA Decachlor...	8.535	7.653	138.8E6	194.9E6	22.166	21.331
	Target Compounds						

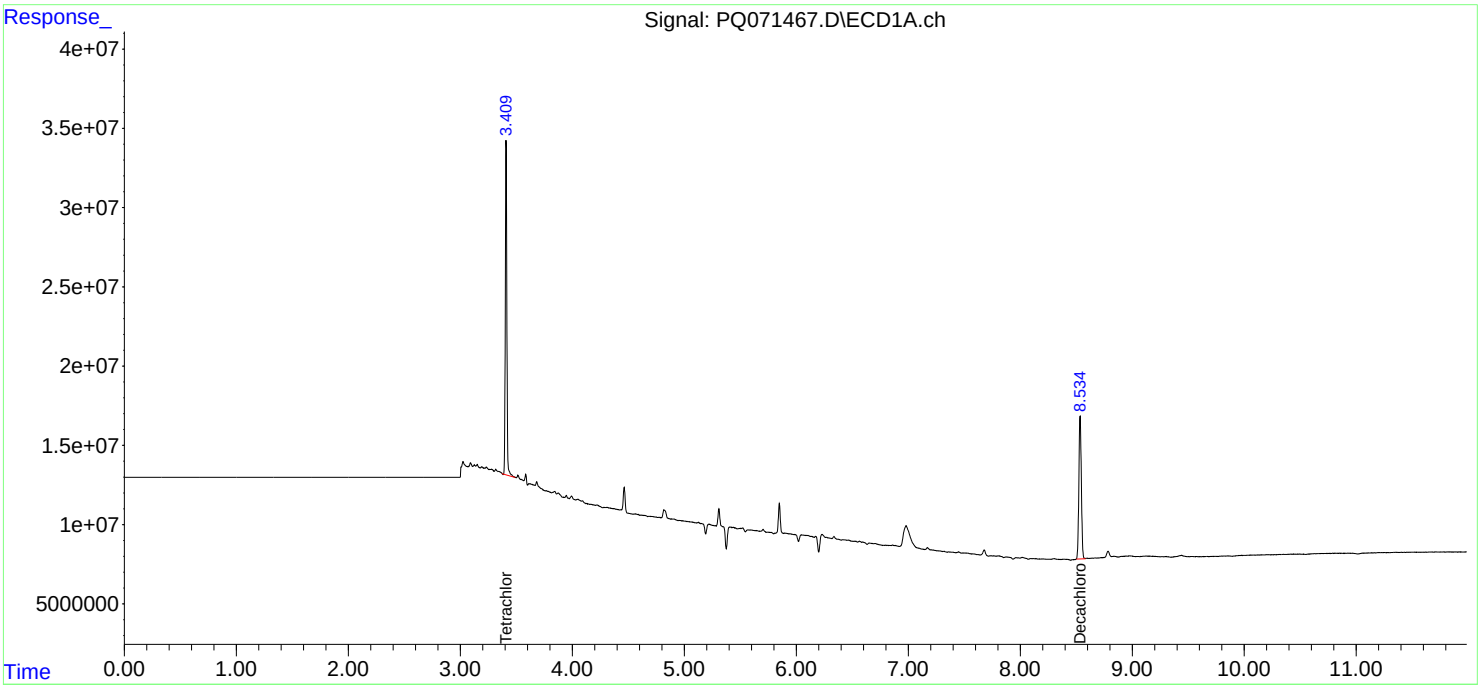
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

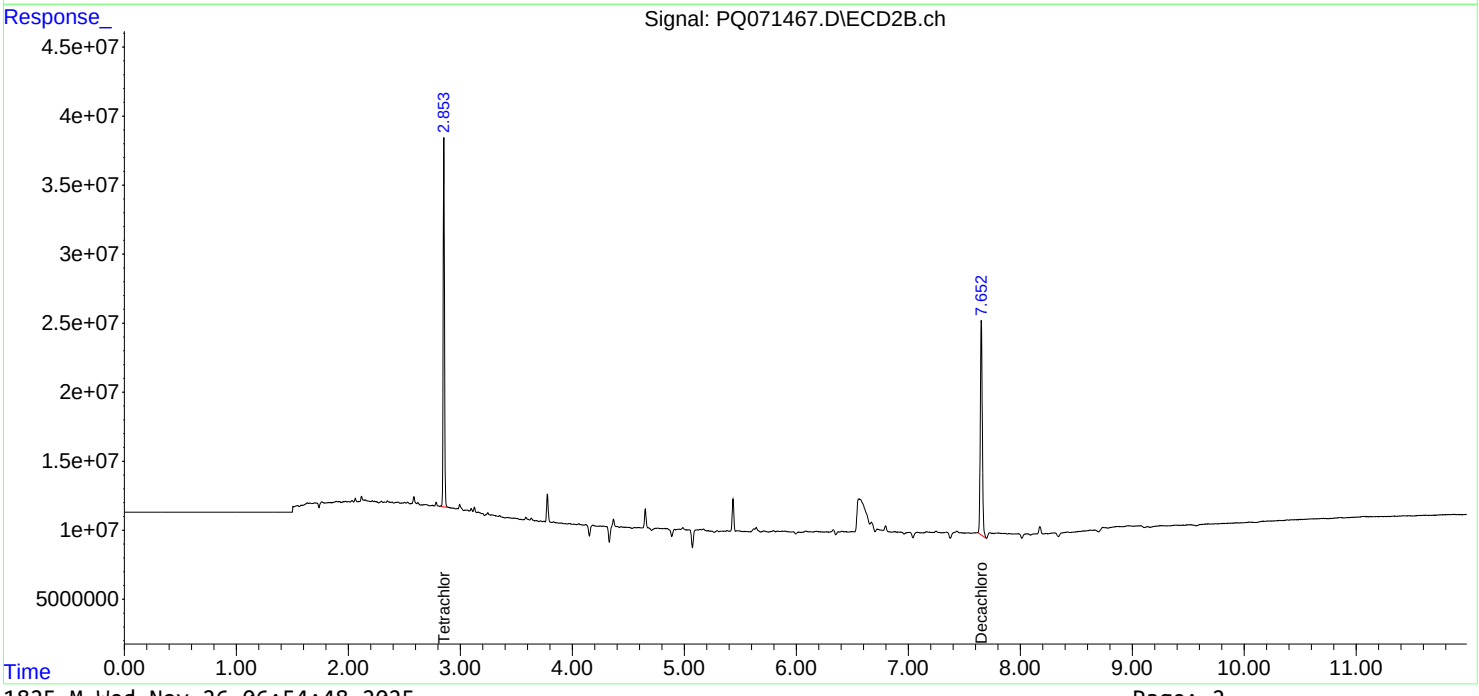
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 02:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

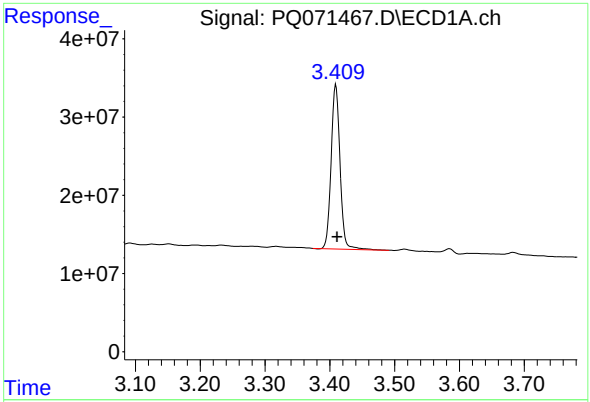
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:02:35 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



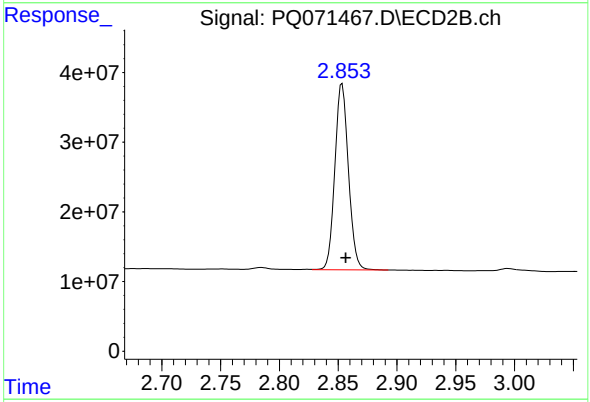




#1 Tetrachloro-m-xylene

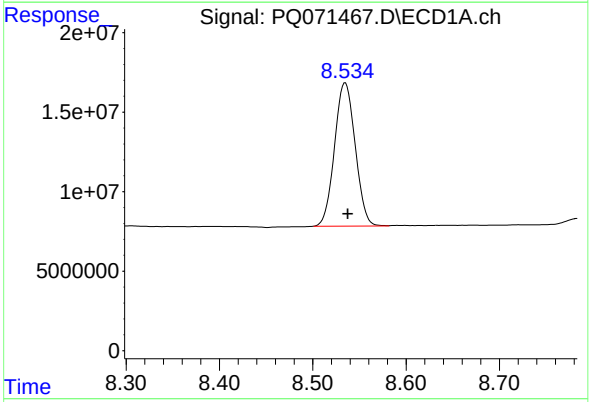
R.T.: 3.409 min
Delta R.T.: -0.002 min
Response: 200820356
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



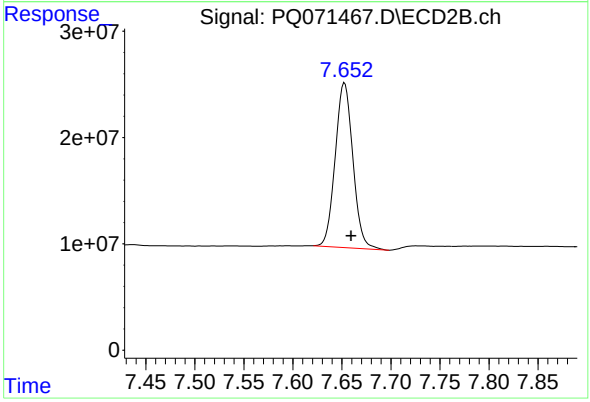
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.003 min
Response: 214464866
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 138793277
Conc: 22.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.653 min
Delta R.T.: -0.007 min
Response: 194919384
Conc: 21.33 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/22/25
Project:	R37108	Date Received:	11/22/25
Client Sample ID:	PIBLK-PQ071472.D	SDG No.:	Q3672
Lab Sample ID:	I.BLK-PQ071472.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	11/22/25	PQ112125
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	11/22/25	PQ112125
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	11/22/25	PQ112125
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	11/22/25	PQ112125
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	11/22/25	PQ112125
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	11/22/25	PQ112125
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	11/22/25	PQ112125
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	11/22/25	PQ112125
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	11/22/25	PQ112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.2			60 - 140	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.0			60 - 140	105%	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

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 : PQ071472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:32
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 01:03:55 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	2.854	193.3E6	207.1E6	22.205	22.177
2)	SA Decachlor...	8.535	7.652	136.5E6	191.6E6	21.801	20.973
	Target Compounds						

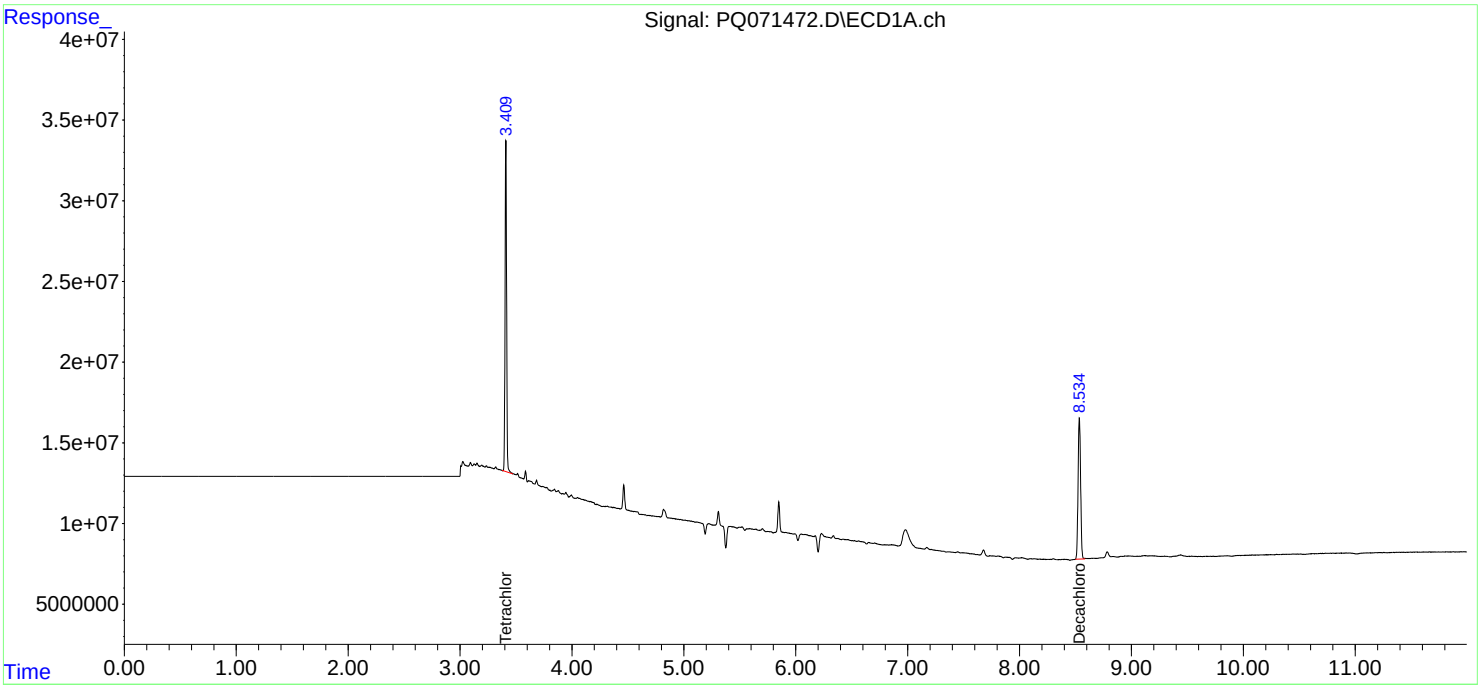
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

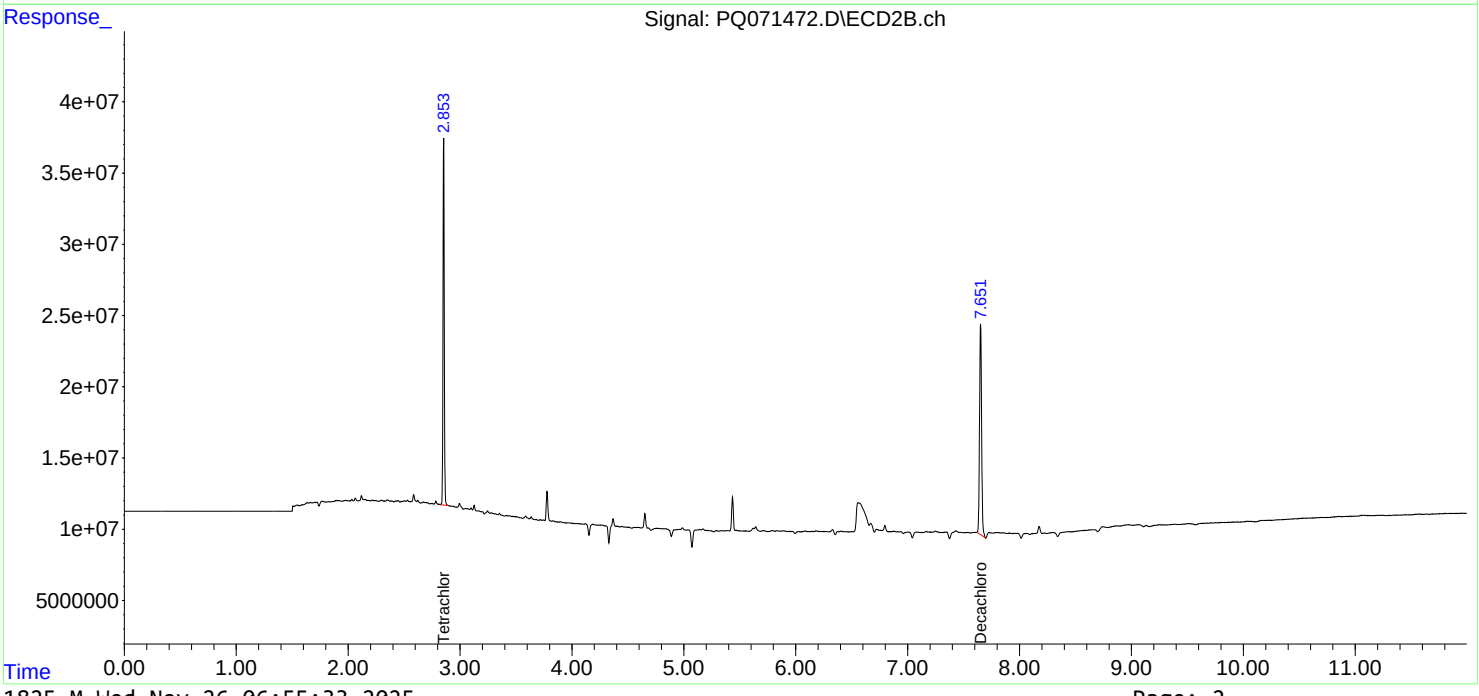
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112125\
Data File : PQ071472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Nov 2025 05:32
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

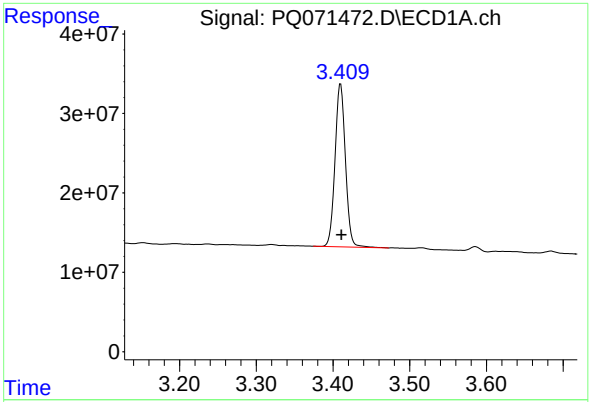
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 01:03:55 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



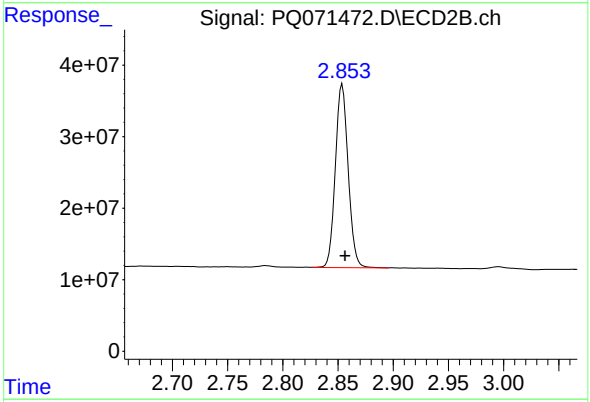




#1 Tetrachloro-m-xylene

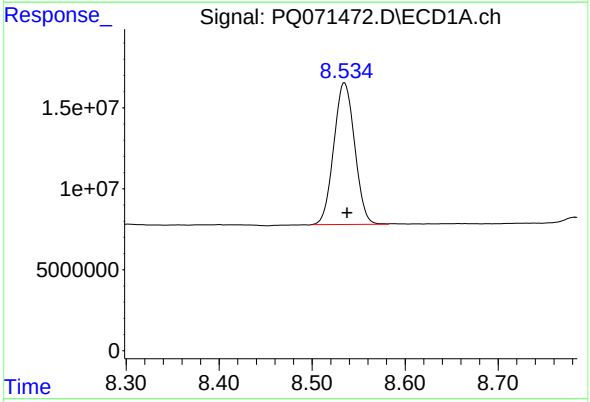
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 193296526
Conc: 22.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



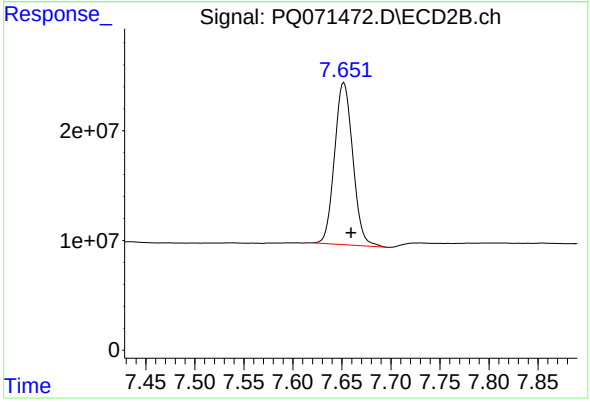
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: -0.003 min
Response: 207056490
Conc: 22.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 136505218
Conc: 21.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 191646769
Conc: 20.97 ng/ml

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

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.:	Q3672
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

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						

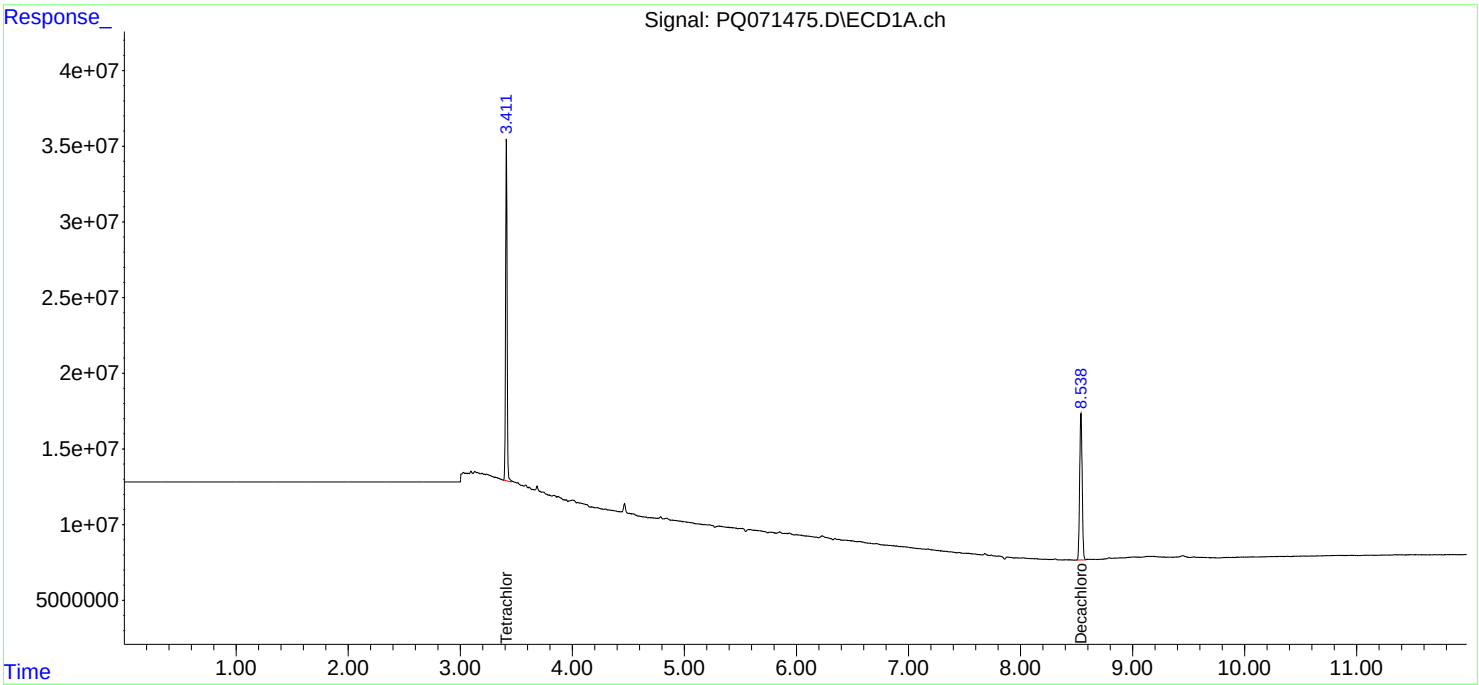
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

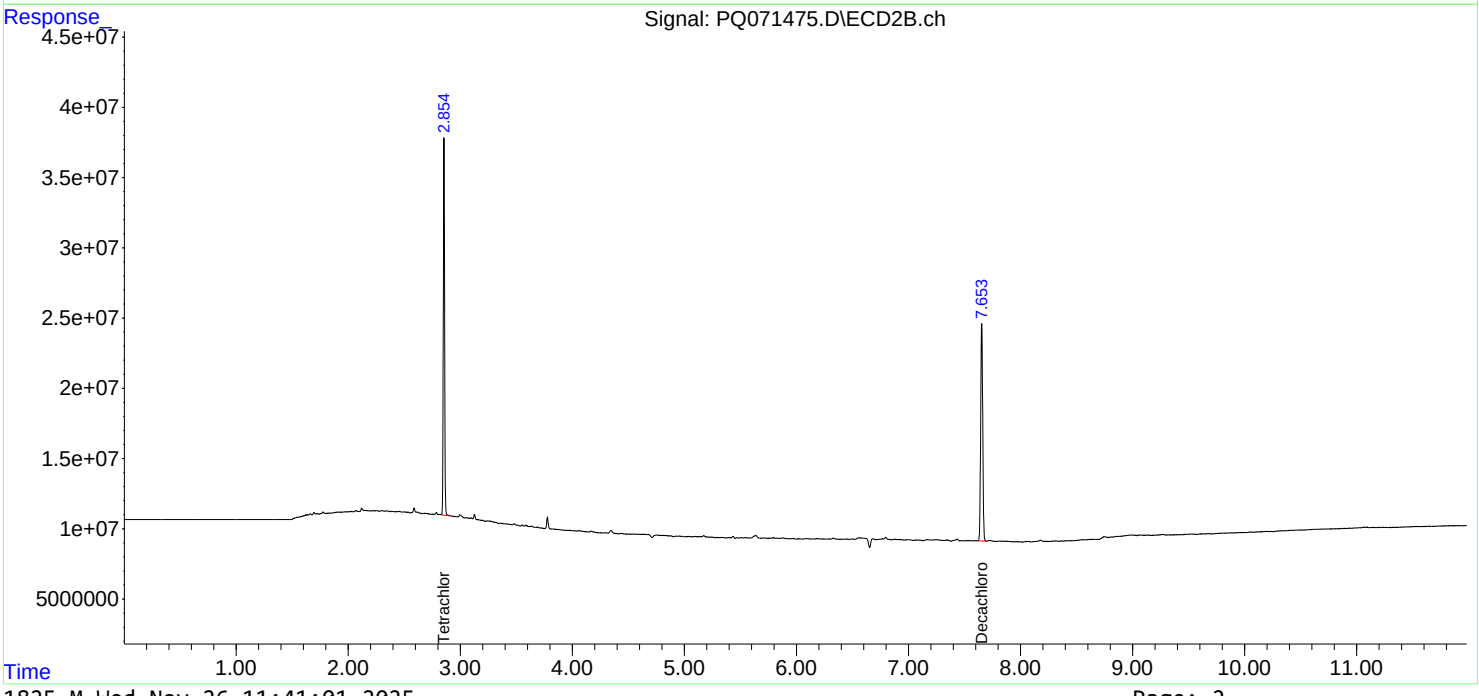
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 10:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

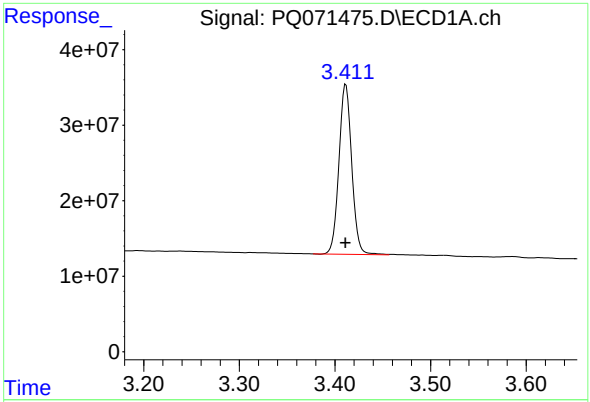
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



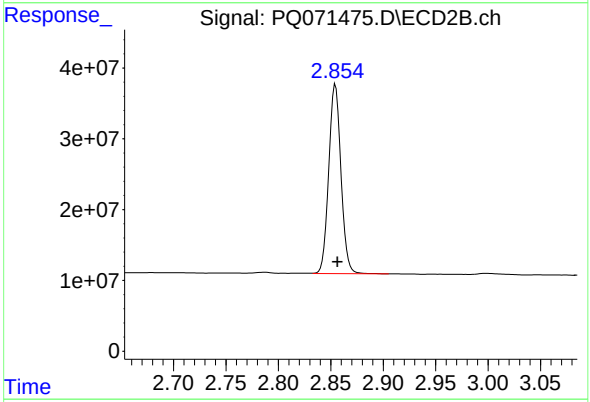




#1 Tetrachloro-m-xylene

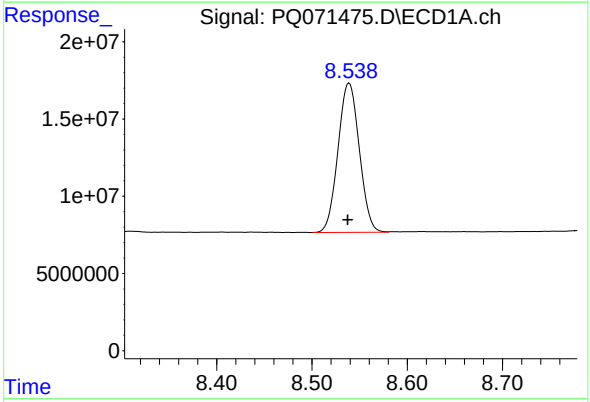
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 209922816
Conc: 24.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



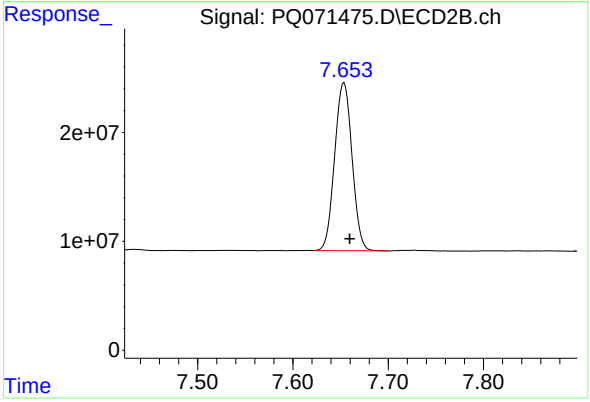
#1 Tetrachloro-m-xylene

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

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

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.:	Q3672
Lab Sample ID:	I.BLK-PQ071487.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	23.6			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

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						

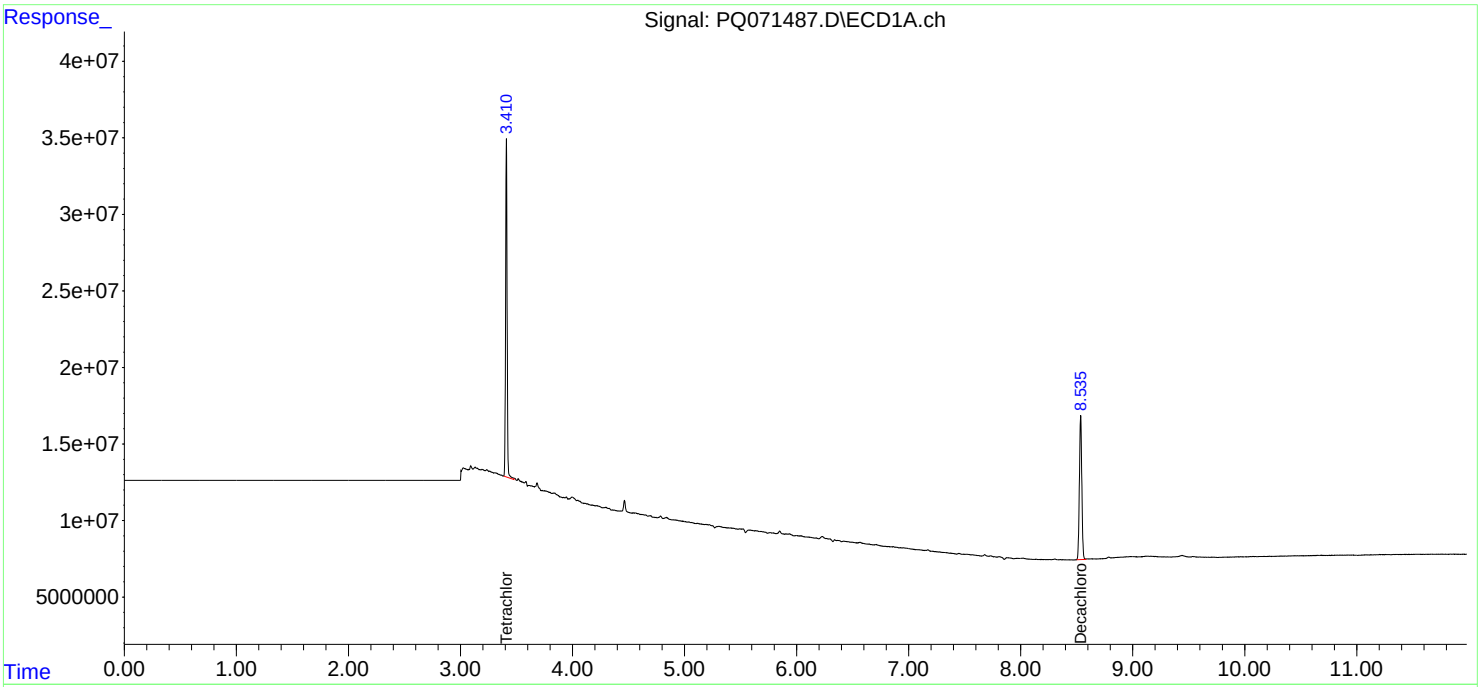
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

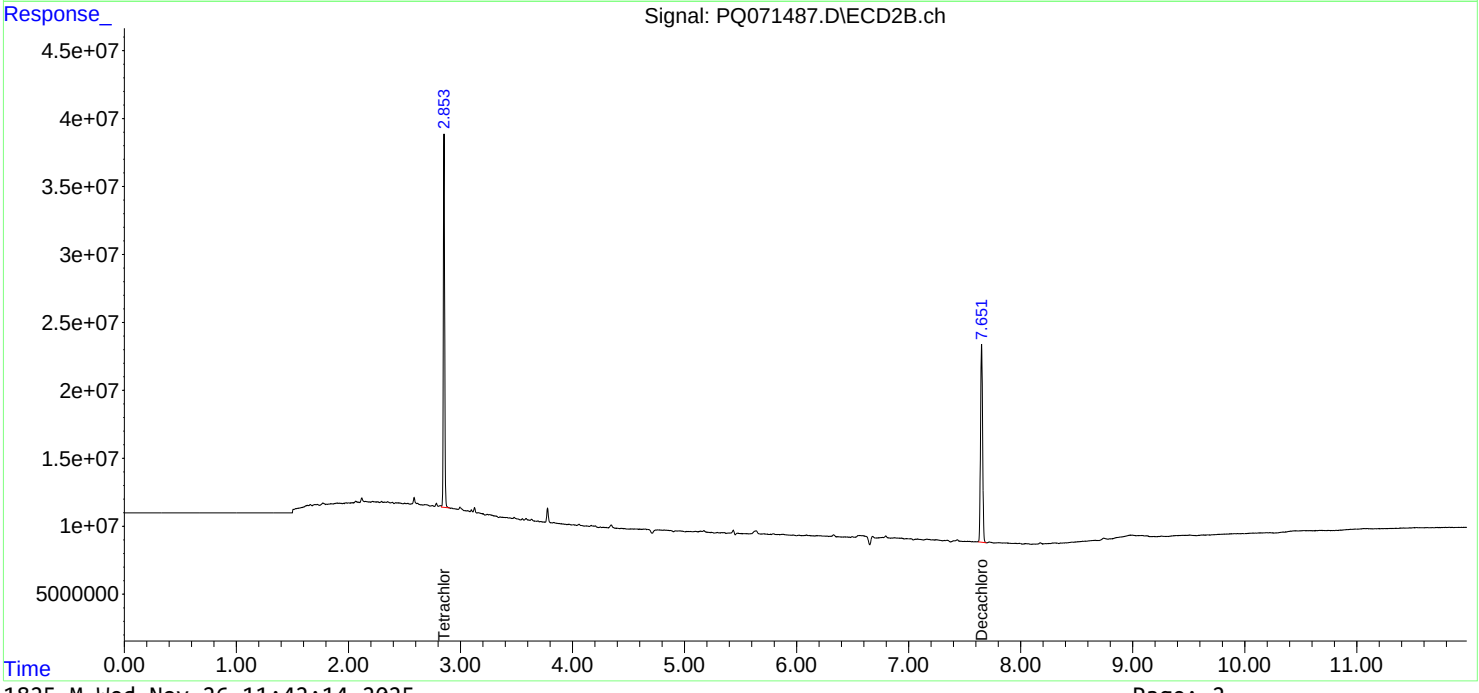
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 15:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

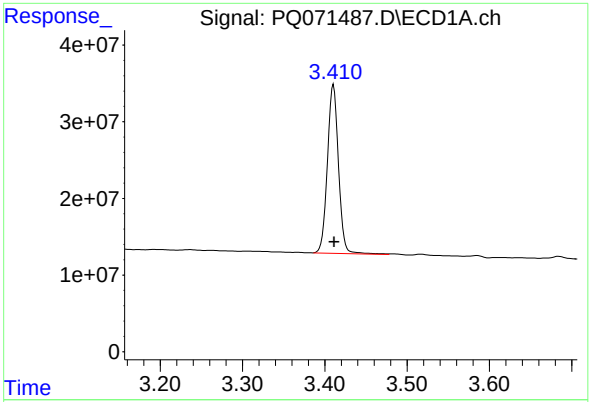
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



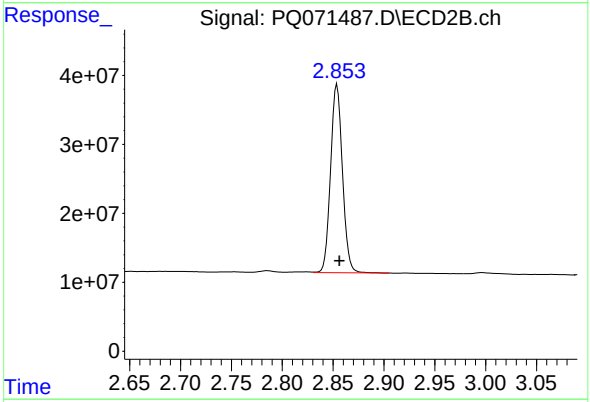




#1 Tetrachloro-m-xylene

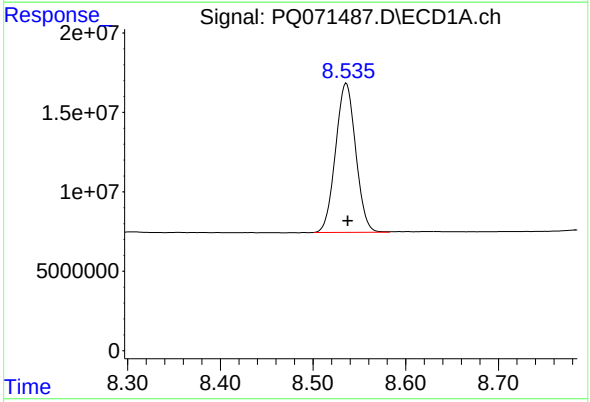
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 205754831
Conc: 23.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



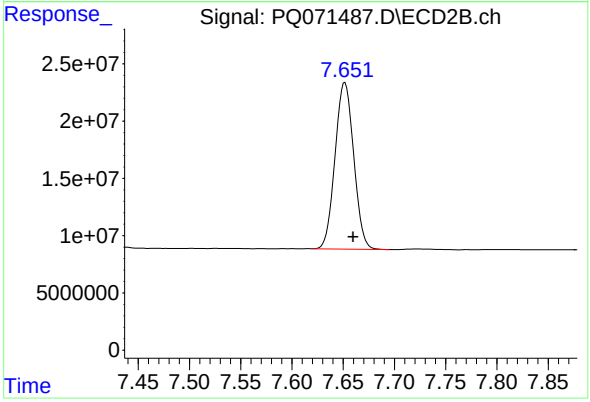
#1 Tetrachloro-m-xylene

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

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

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.:	Q3672
Lab Sample ID:	I.BLK-PQ071497.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	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

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						

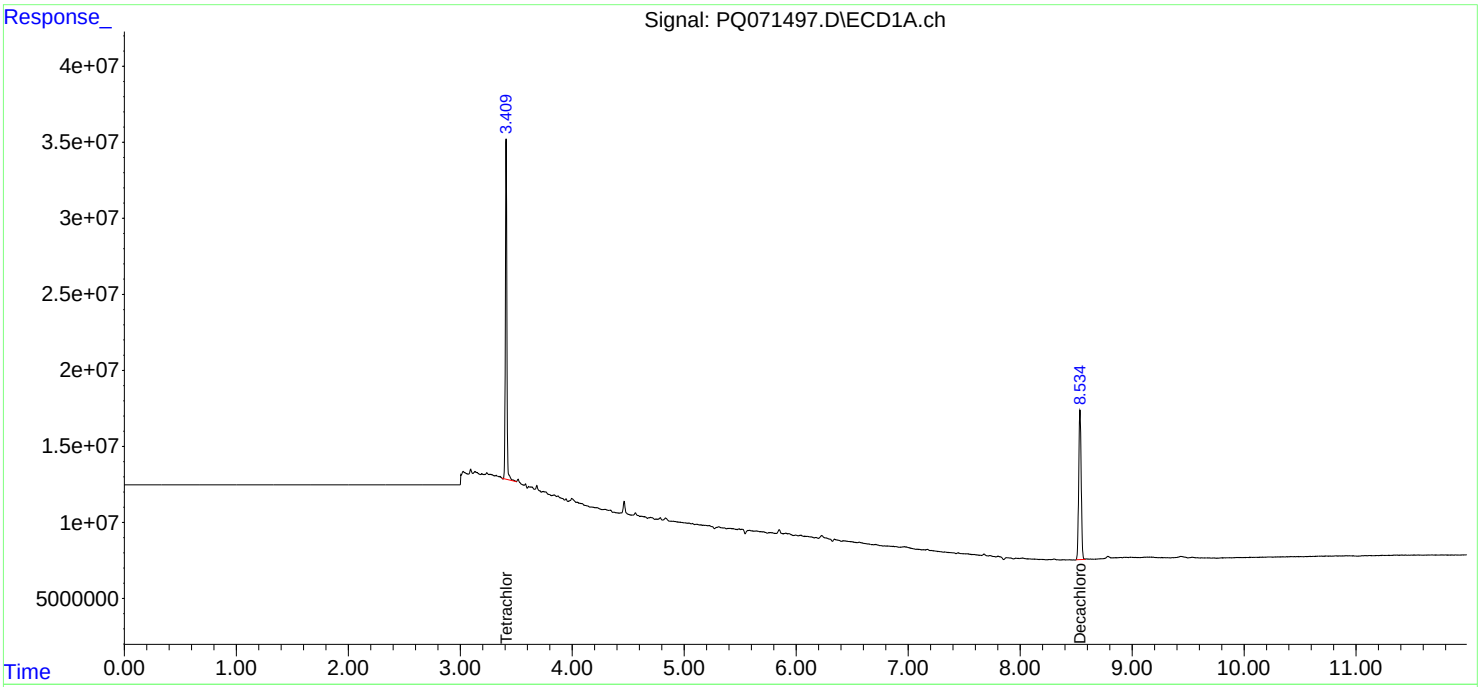
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

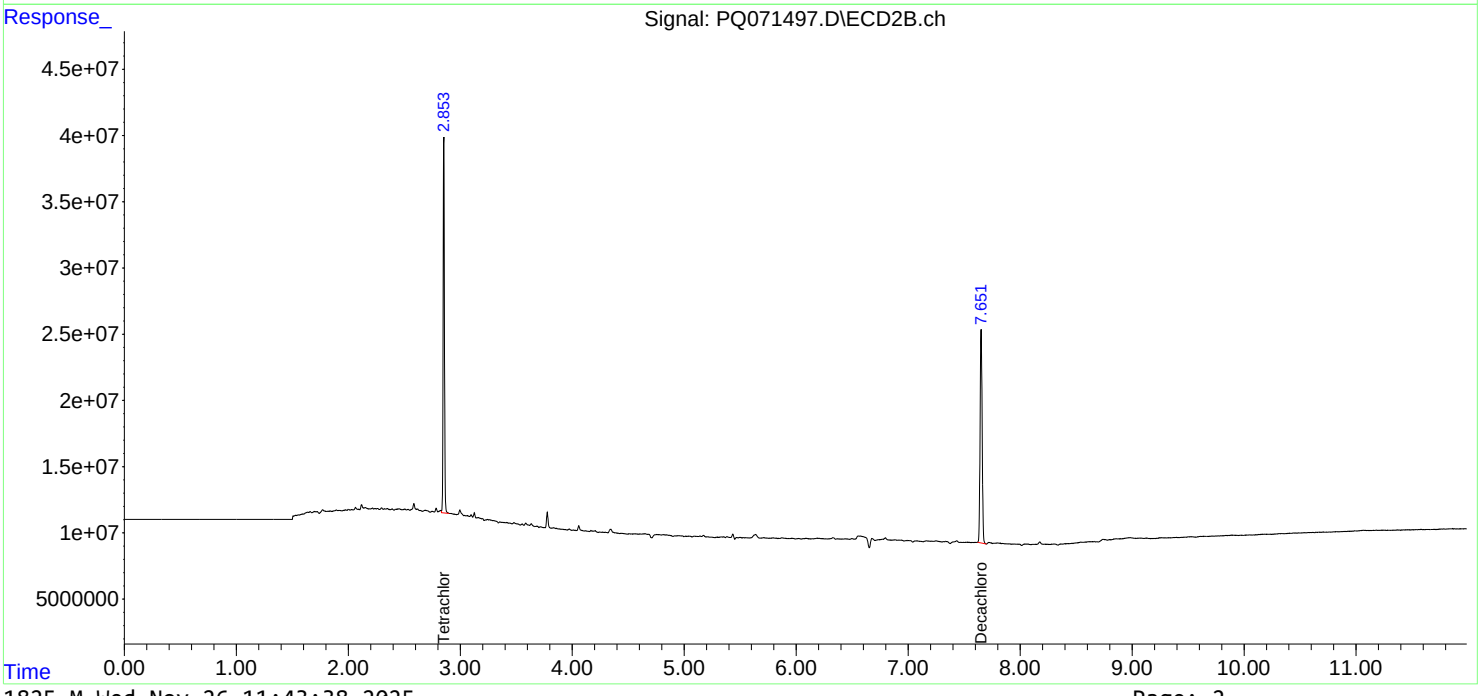
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112425\
Data File : PQ071497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Nov 2025 19:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

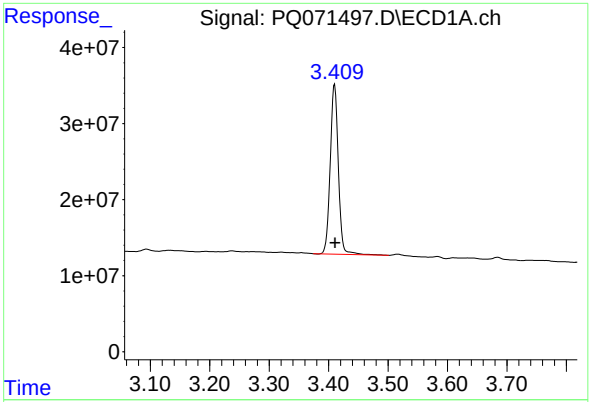
Instrument :
ECD_Q
ClientSampleId :
I.BLK

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



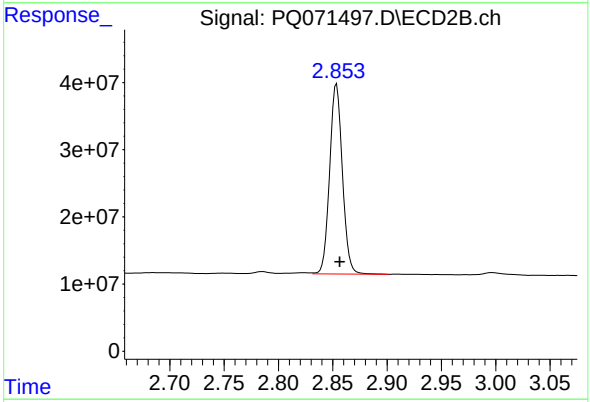




#1 Tetrachloro-m-xylene

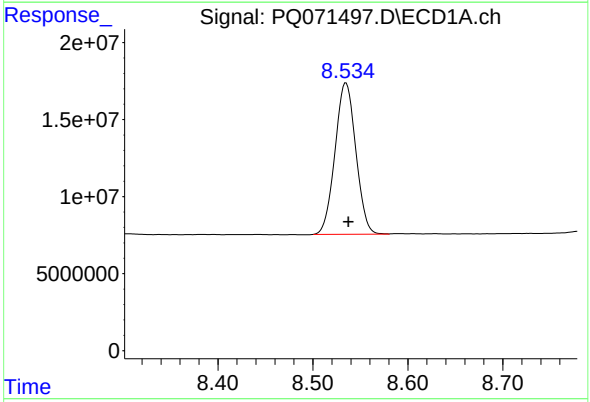
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 211241499
Conc: 24.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



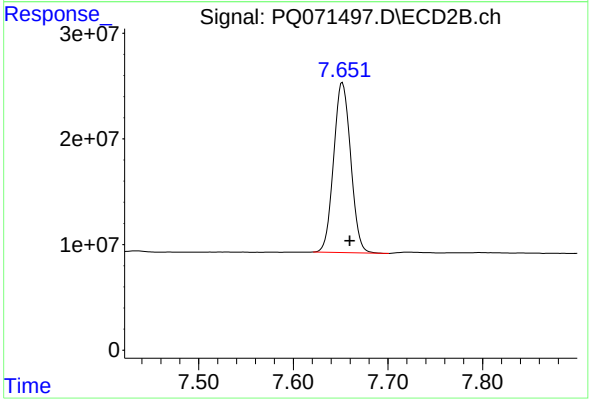
#1 Tetrachloro-m-xylene

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

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	
Project:	R37108	Date Received:	
Client Sample ID:	PB170653BS	SDG No.:	Q3672
Lab Sample ID:	PB170653BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	148		1	3.90	17.0	ug/kg	11/20/25 21:02	PB170653
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	11/20/25 21:02	PB170653
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	11/20/25 21:02	PB170653
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	11/20/25 21:02	PB170653
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	11/20/25 21:02	PB170653
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	11/20/25 21:02	PB170653
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	11/20/25 21:02	PB170653
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	11/20/25 21:02	PB170653
11096-82-5	Aroclor-1260	146		1	3.20	17.0	ug/kg	11/20/25 21:02	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.2			21 - 165	131%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.2			10 - 170	136%	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

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\PQ112025\
Data File : PQ071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:02
Operator : YP\AJ
Sample : PB170653BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
PB170653BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:24 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	2.855	204.3E6	245.0E6	23.472	26.244
2)	SA Decachlor...	8.535	7.655	144.1E6	248.3E6	23.009	27.175
	Target Compounds						
3)	L1 AR-1016-1	4.496	3.869	131.1E6	162.3E6	396.696	448.295
4)	L1 AR-1016-2	4.515	3.885	190.0E6	224.7E6	399.443	457.542
5)	L1 AR-1016-3	4.572	4.047	116.1E6	125.5E6	388.939	451.341
6)	L1 AR-1016-4	4.663	4.096	96318037	96806982	392.259	431.696
7)	L1 AR-1016-5	4.948	4.293	90952004	122.1E6	384.714	438.485
31)	L7 AR-1260-1	6.042	5.293	173.0E6	227.6E6	386.648	456.095
32)	L7 AR-1260-2	6.299	5.483	208.6E6	281.6E6	408.301	464.402
33)	L7 AR-1260-3	6.651	5.626	129.5E6	275.0E6	338.418	465.088 #
34)	L7 AR-1260-4	6.866	6.090	150.4E6	200.4E6	359.580	404.549
35)	L7 AR-1260-5	7.173	6.335	295.4E6	464.2E6	354.959	404.290

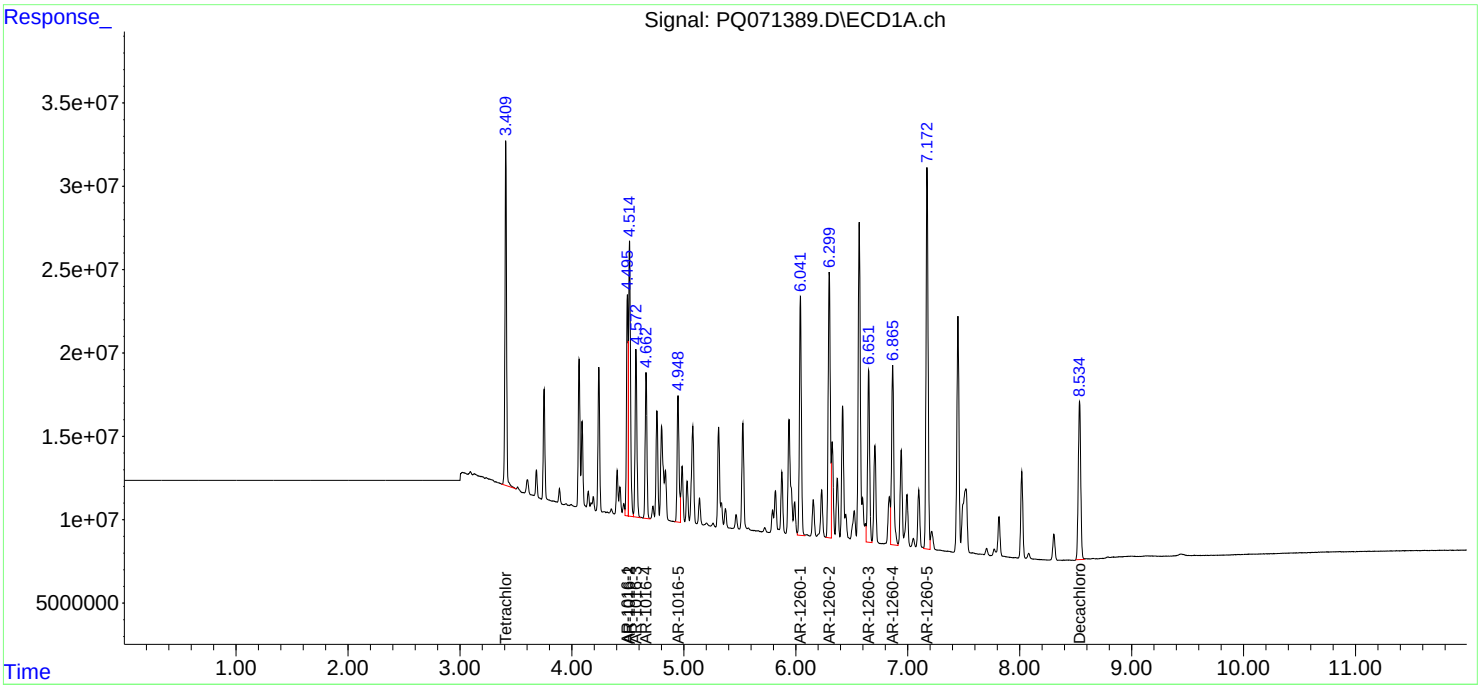
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

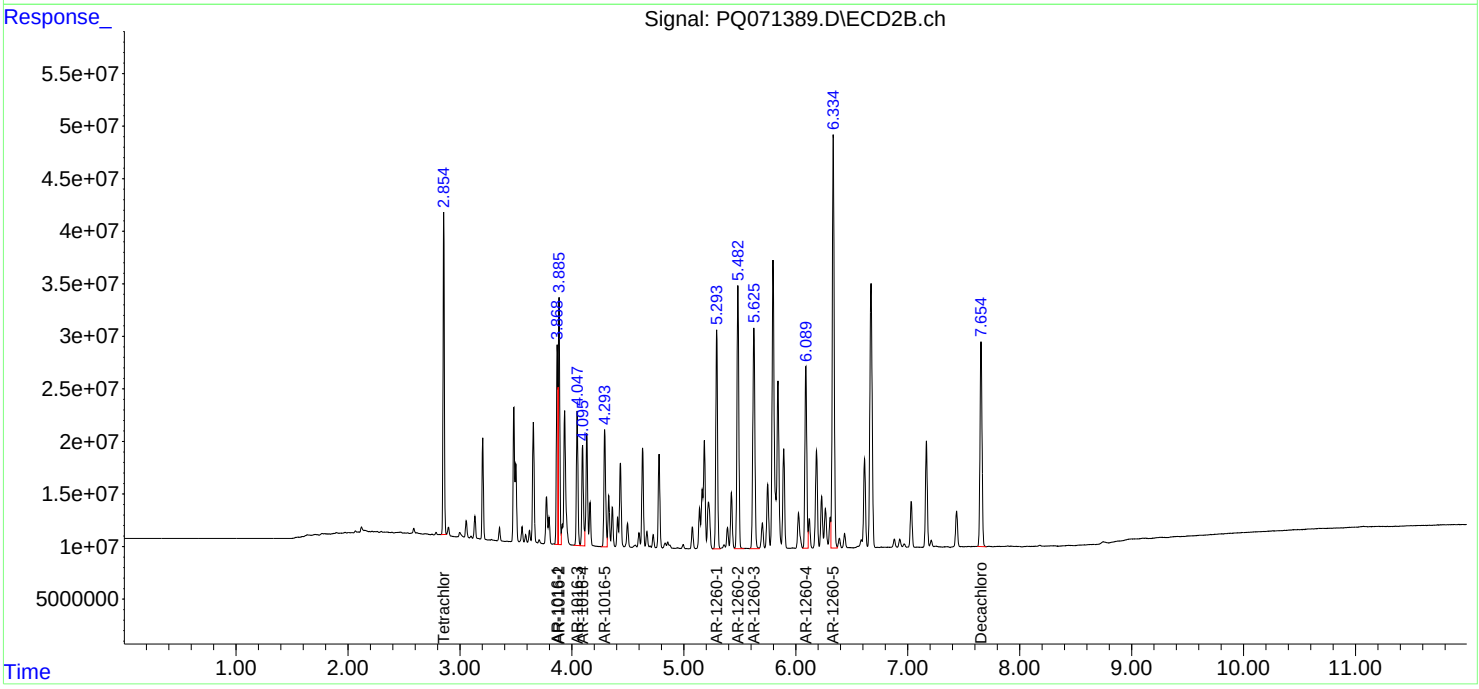
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:02
Operator : YP\AJ
Sample : PB170653BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

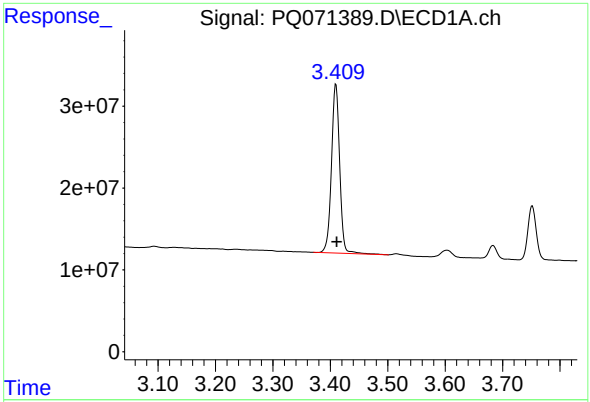
Instrument :
ECD_Q
ClientSampleId :
PB170653BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:48:24 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



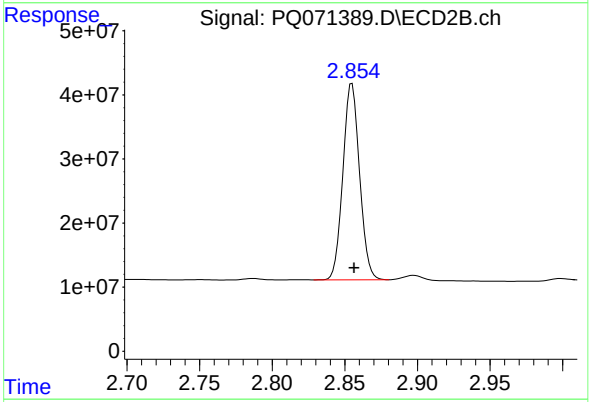




#1 Tetrachloro-m-xylene

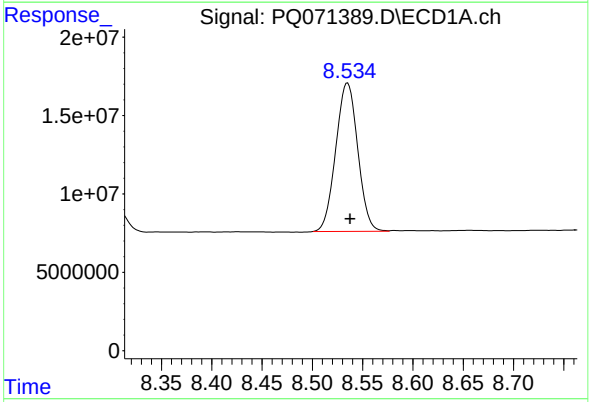
R.T.: 3.410 min
Delta R.T.: -0.001 min
Response: 204325318
Conc: 23.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



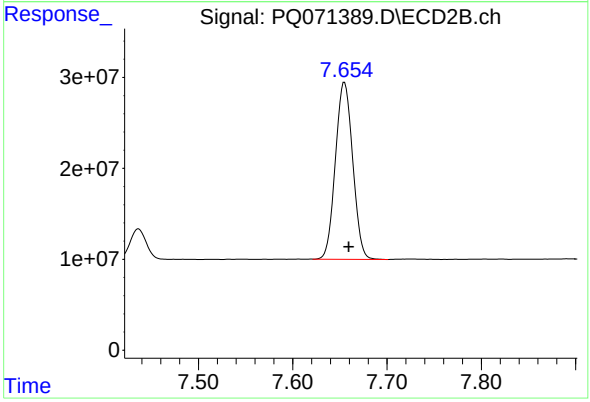
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 245031204
Conc: 26.24 ng/ml



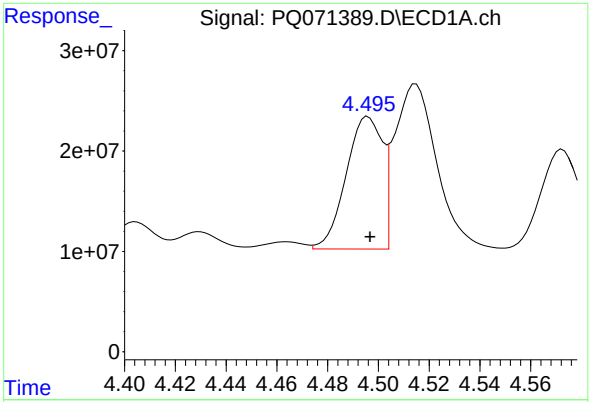
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 144071375
Conc: 23.01 ng/ml



#2 Decachlorobiphenyl

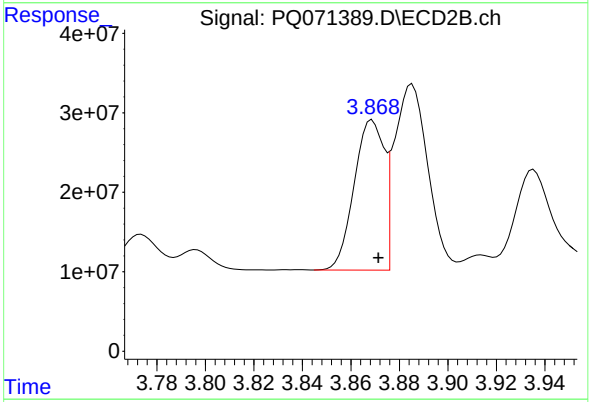
R.T.: 7.655 min
Delta R.T.: -0.005 min
Response: 248320790
Conc: 27.18 ng/ml



#3 AR-1016-1

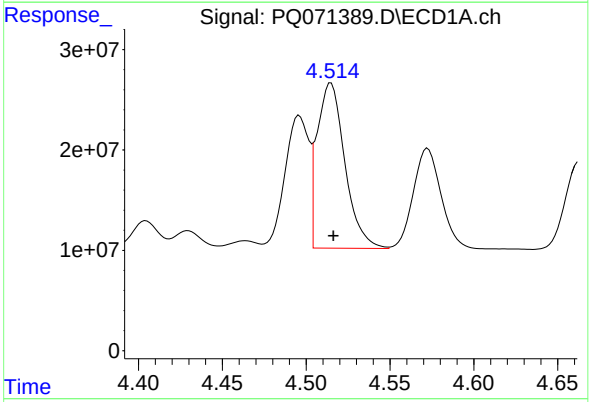
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 131127640
Conc: 396.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



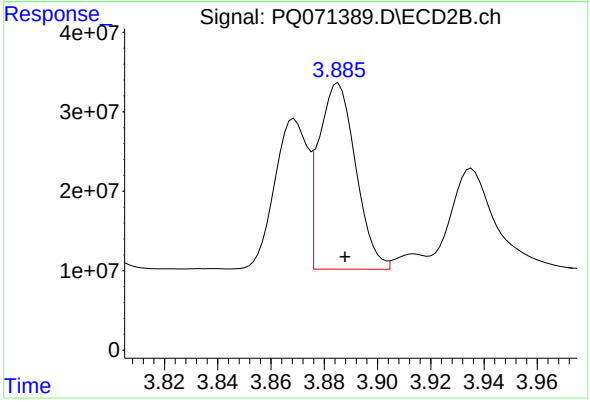
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.003 min
Response: 162338013
Conc: 448.30 ng/ml



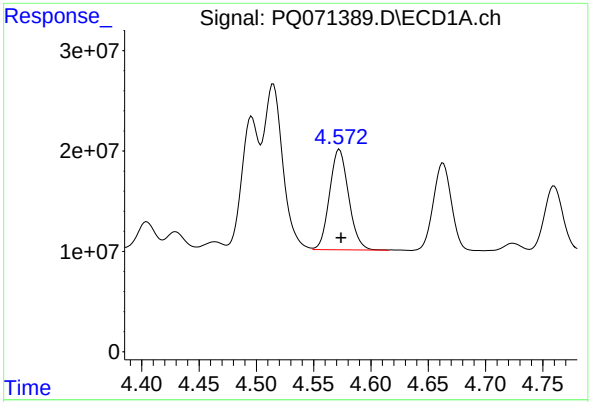
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 189983190
Conc: 399.44 ng/ml



#4 AR-1016-2

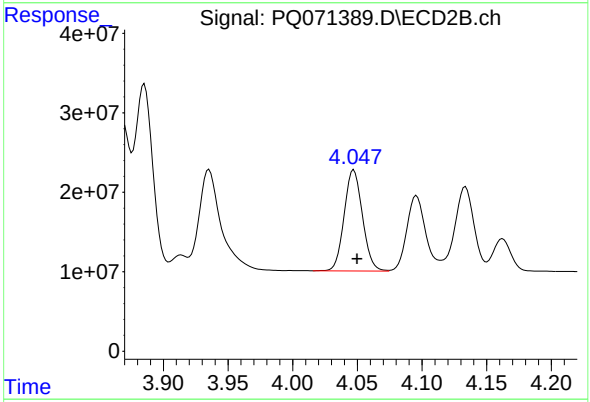
R.T.: 3.885 min
Delta R.T.: -0.002 min
Response: 224736549
Conc: 457.54 ng/ml



#5 AR-1016-3

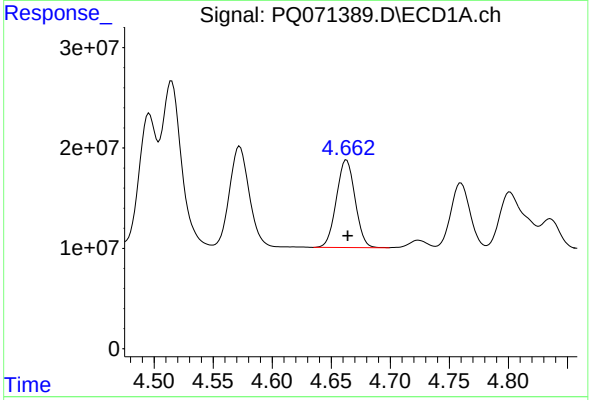
R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 116082114
Conc: 388.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



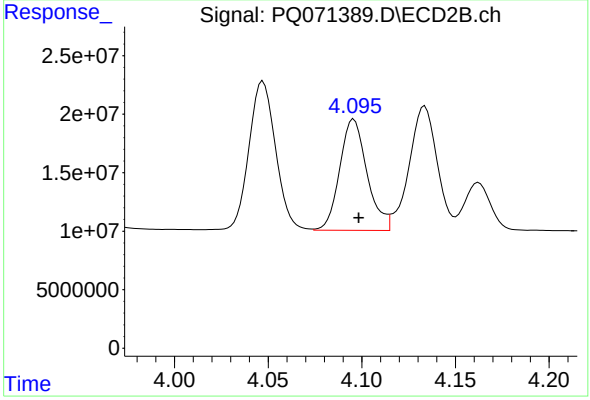
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 125469195
Conc: 451.34 ng/ml



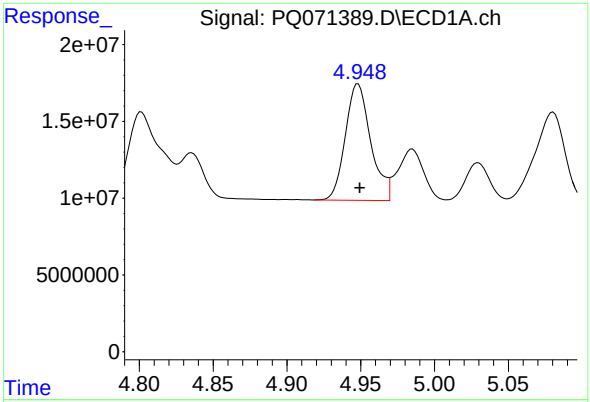
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 96318037
Conc: 392.26 ng/ml



#6 AR-1016-4

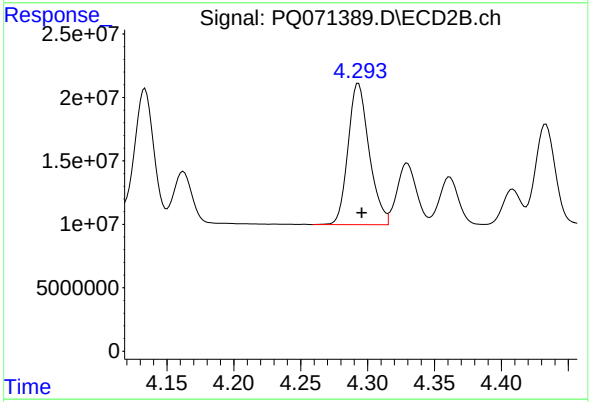
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 96806982
Conc: 431.70 ng/ml



#7 AR-1016-5

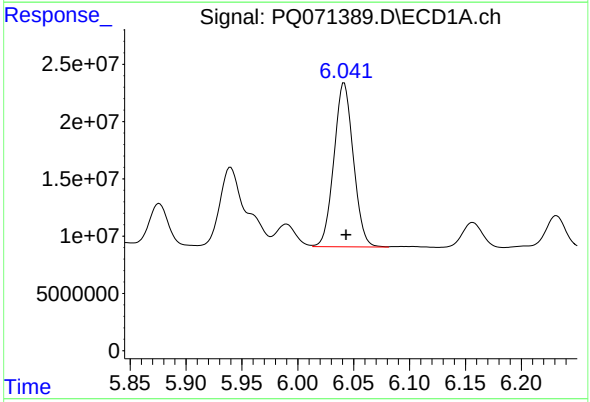
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 90952004
Conc: 384.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



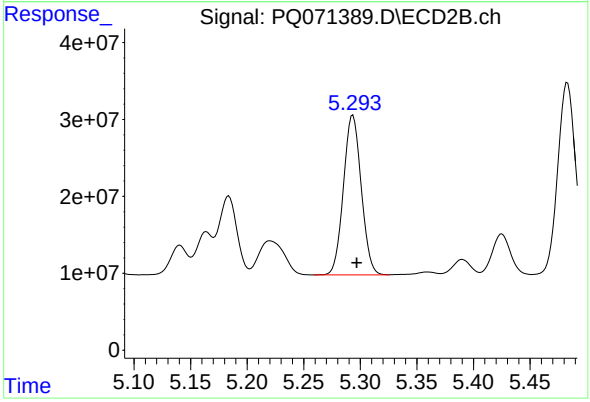
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 122147992
Conc: 438.49 ng/ml



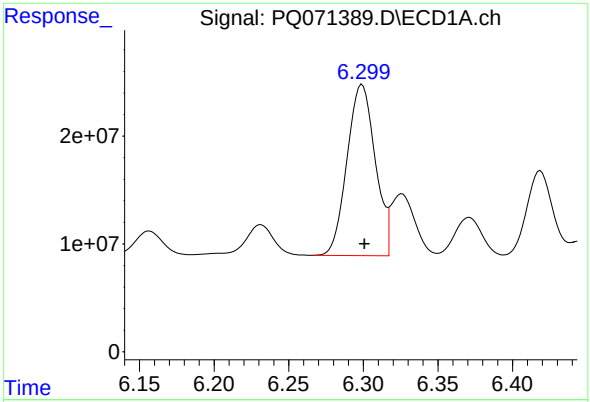
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 173023838
Conc: 386.65 ng/ml



#31 AR-1260-1

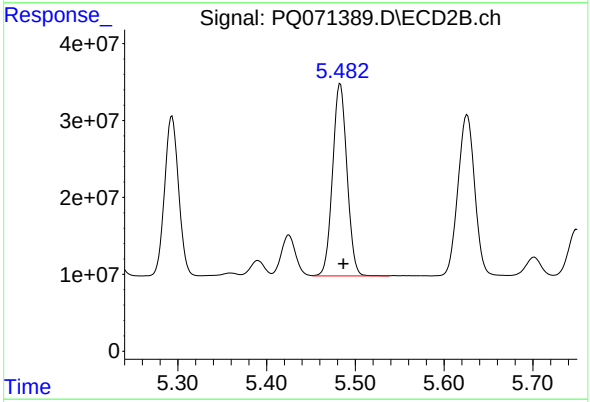
R.T.: 5.293 min
Delta R.T.: -0.003 min
Response: 227558147
Conc: 456.10 ng/ml



#32 AR-1260-2

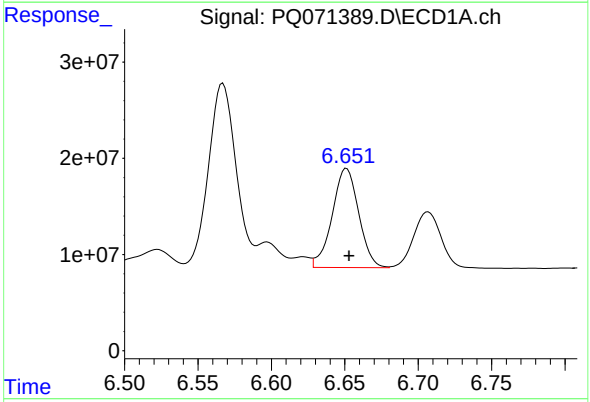
R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 208606821
Conc: 408.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



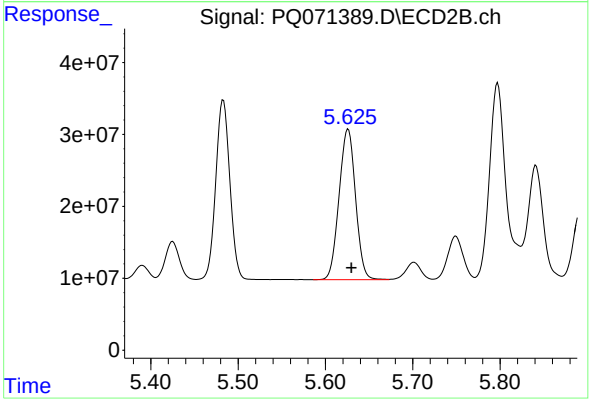
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 281602065
Conc: 464.40 ng/ml



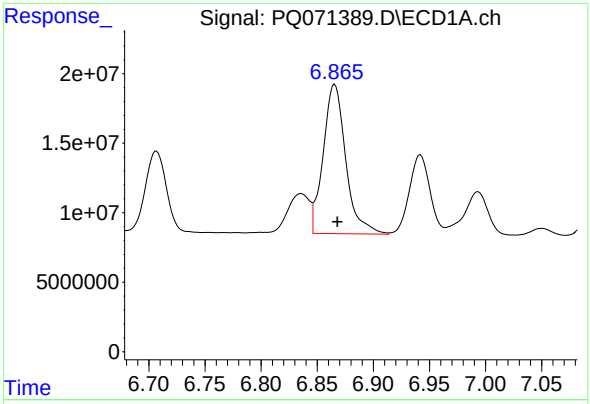
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 129524136
Conc: 338.42 ng/ml



#33 AR-1260-3

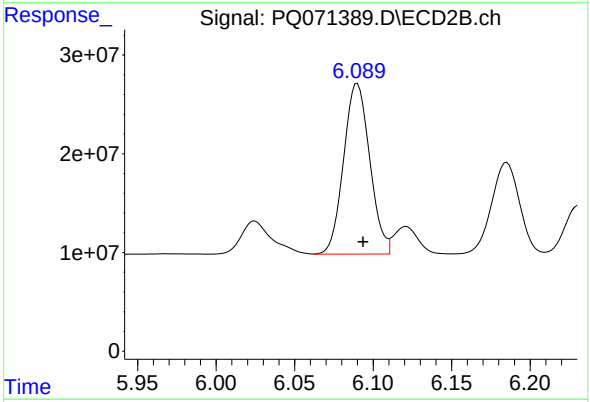
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 274952372
Conc: 465.09 ng/ml



#34 AR-1260-4

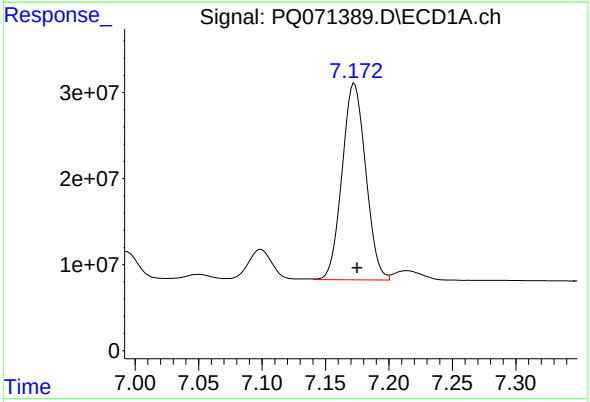
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 150356462
Conc: 359.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB170653BS



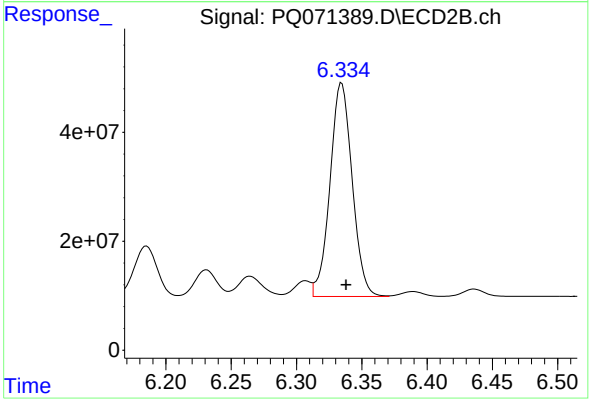
#34 AR-1260-4

R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 200405110
Conc: 404.55 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 295410417
Conc: 354.96 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 464240975
Conc: 404.29 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE4MS	SDG No.:	Q3672
Lab Sample ID:	Q3672-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	357		1	4.80	20.8	ug/kg	11/20/25 21:31	PB170653
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:31	PB170653
11141-16-5	Aroclor-1232	20.8	U	1	4.50	20.8	ug/kg	11/20/25 21:31	PB170653
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:31	PB170653
12672-29-6	Aroclor-1248	355		1	7.20	20.8	ug/kg	11/20/25 21:31	PB170653
11097-69-1	Aroclor-1254	486	E	1	3.90	20.8	ug/kg	11/20/25 21:31	PB170653
37324-23-5	Aroclor-1262	20.8	U	1	6.10	20.8	ug/kg	11/20/25 21:31	PB170653
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/20/25 21:31	PB170653
11096-82-5	Aroclor-1260	366		1	3.90	20.8	ug/kg	11/20/25 21:31	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.8			21 - 165	104%	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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:31
Operator : YP\AJ
Sample : Q3672-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:01 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	159.1E6	194.0E6	18.272	20.774	
2)	SA Decachlor...	8.535	7.656	104.3E6	182.4E6	16.653	19.964	
	Target Compounds							
3)	L1 AR-1016-1	4.496	3.869	183.4E6	237.6E6	554.778	656.220	
4)	L1 AR-1016-2	4.515	3.886	341.1E6	403.1E6	717.095	820.609	
5)	L1 AR-1016-3	4.573	4.047	125.1E6	224.1E6	418.991	806.102	#
6)	L1 AR-1016-4	4.663	4.096	163.8E6	236.8E6	667.012	1055.826	#
7)	L1 AR-1016-5	4.948	4.293	213.7E6	290.8E6	903.831	1044.044	
21)	L5 AR-1248-1	4.496	3.869	183.4E6	237.6E6	962.662	1116.294	
22)	L5 AR-1248-2	4.760	4.096	178.1E6	236.8E6	732.238	833.636	
23)	L5 AR-1248-3	4.948	4.133	213.7E6	227.5E6	727.231	812.318	
24)	L5 AR-1248-4	5.311	4.293	314.6E6	290.8E6	1196.844	839.638	#
25)	L5 AR-1248-5	5.337	4.671	199.7E6	261.3E6	590.194	749.553	#
26)	L6 AR-1254-1	5.311	4.632	314.6E6	513.6E6	905.758	958.450	
27)	L6 AR-1254-2	5.526	4.780	531.2E6	464.5E6	980.310	1012.471	
28)	L6 AR-1254-3	5.876	5.164	506.6E6	868.9E6	879.787	1144.355	#
29)	L6 AR-1254-4	6.158	5.391	424.3E6	557.9E6	1004.257	1116.294	
30)	L6 AR-1254-5	6.568	5.798	748.2E6	1195.2E6	1627.819	1726.641	
31)	L7 AR-1260-1	6.043	5.295	395.3E6	628.7E6	883.275	1260.009	#
32)	L7 AR-1260-2	6.299	5.484	456.7E6	660.8E6	893.957	1089.789	
33)	L7 AR-1260-3	6.651	5.625	167.4E6	624.8E6	437.457	1056.925	#
34)	L7 AR-1260-4	6.866	6.091	214.5E6	264.7E6	512.949	534.383	
35)	L7 AR-1260-5	7.173	6.335	381.7E6	637.5E6	458.673	555.210	

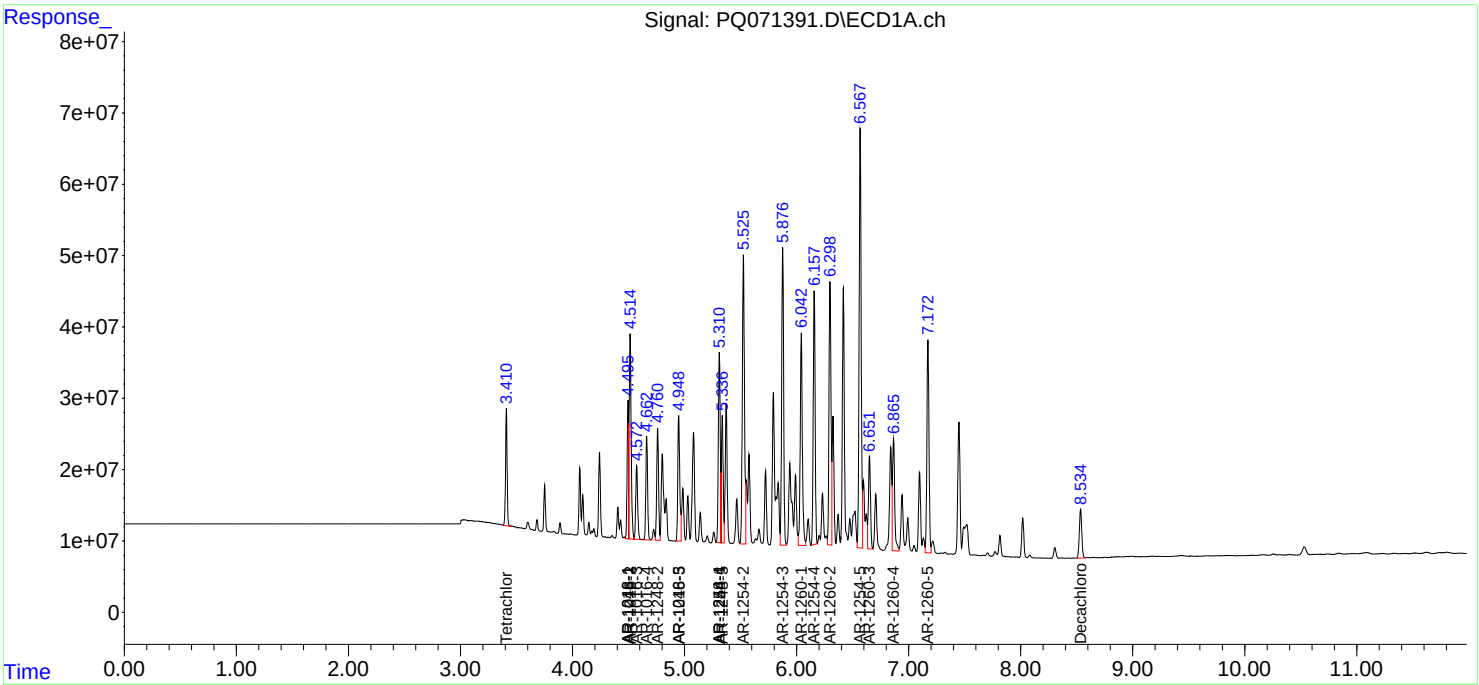
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

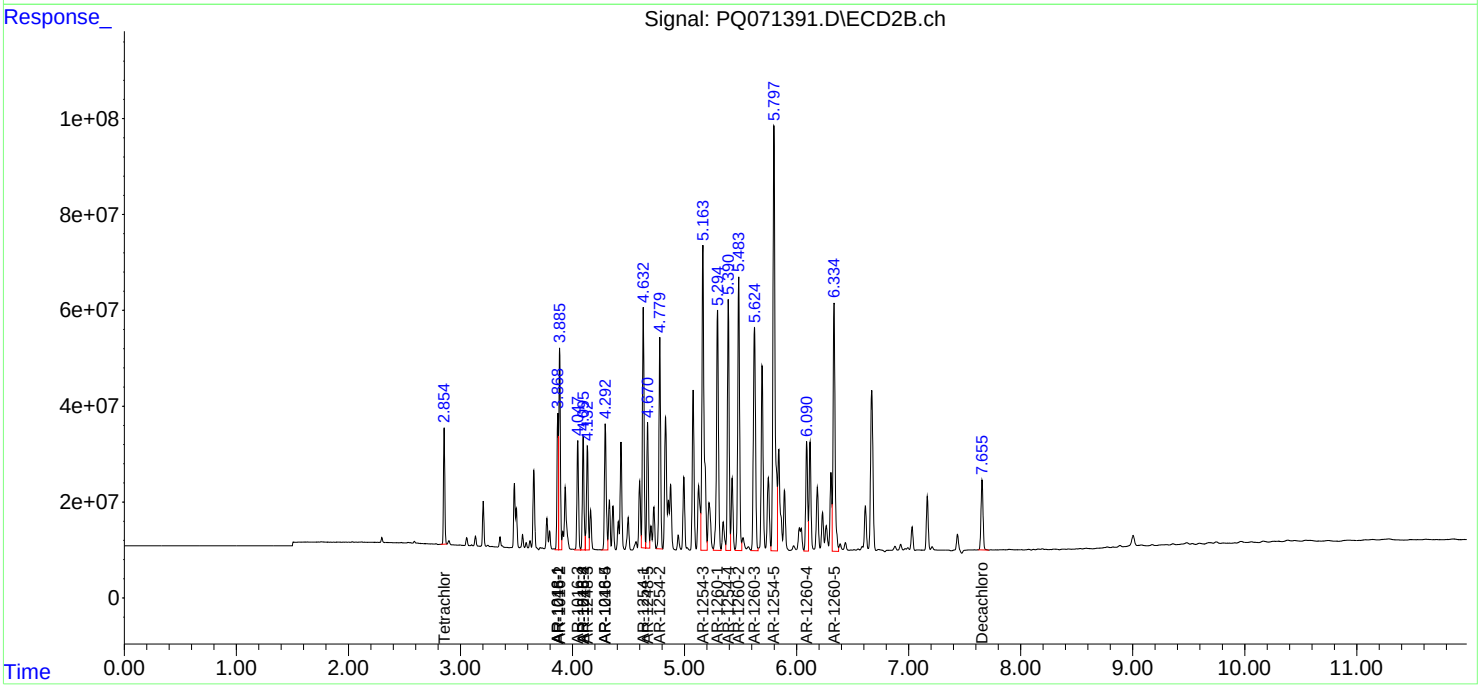
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071391.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:31
Operator : YP\AJ
Sample : Q3672-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

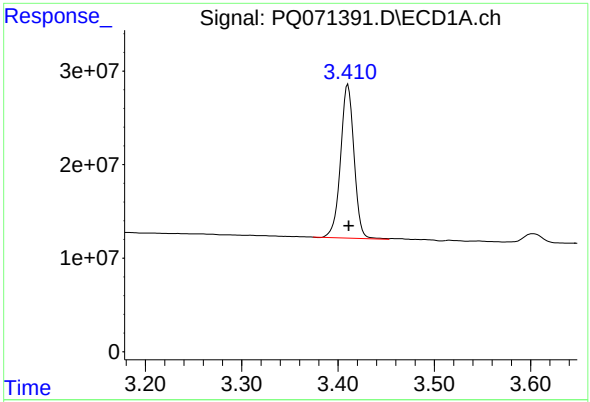
Instrument :
ECD_Q
ClientSampleId :
C0AE4MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:01 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



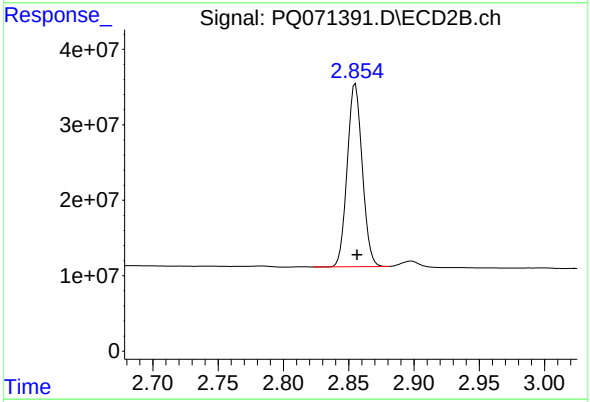




#1 Tetrachloro-m-xylene

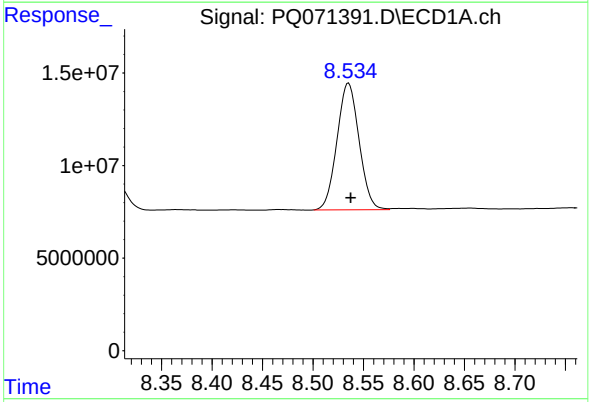
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 159061912
Conc: 18.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



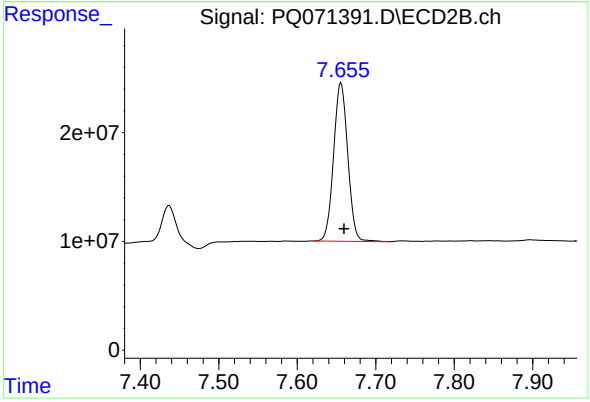
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: -0.001 min
Response: 193961924
Conc: 20.77 ng/ml



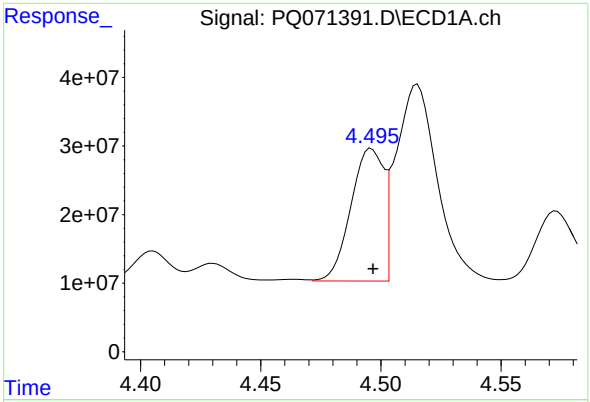
#2 Decachlorobiphenyl

R.T.: 8.535 min
Delta R.T.: -0.002 min
Response: 104271732
Conc: 16.65 ng/ml



#2 Decachlorobiphenyl

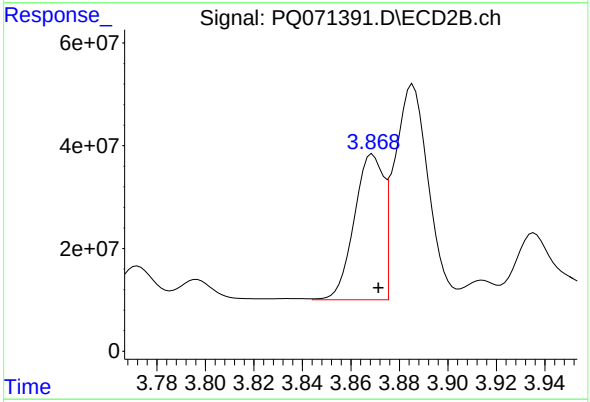
R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 182428333
Conc: 19.96 ng/ml



#3 AR-1016-1

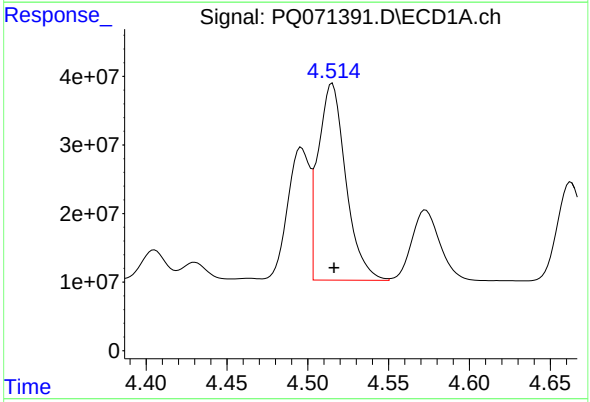
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 183381715
Conc: 554.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



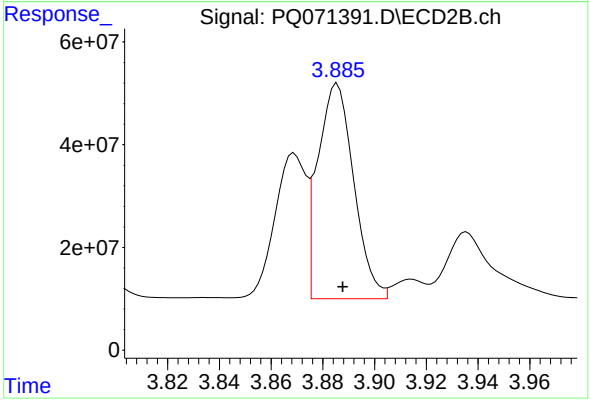
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 237632556
Conc: 656.22 ng/ml



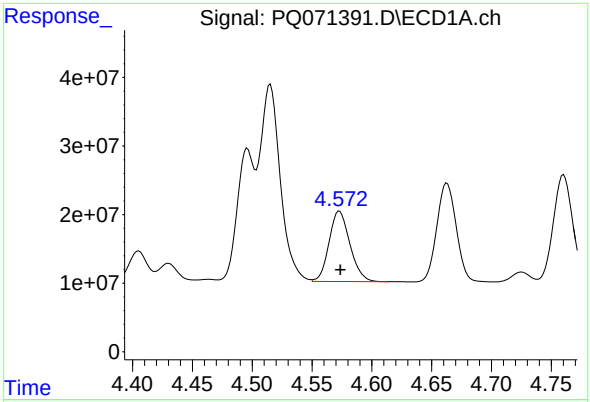
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 341064710
Conc: 717.10 ng/ml



#4 AR-1016-2

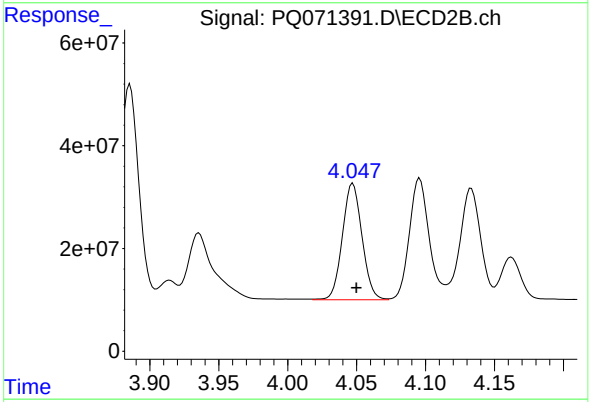
R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 403068641
Conc: 820.61 ng/ml



#5 AR-1016-3

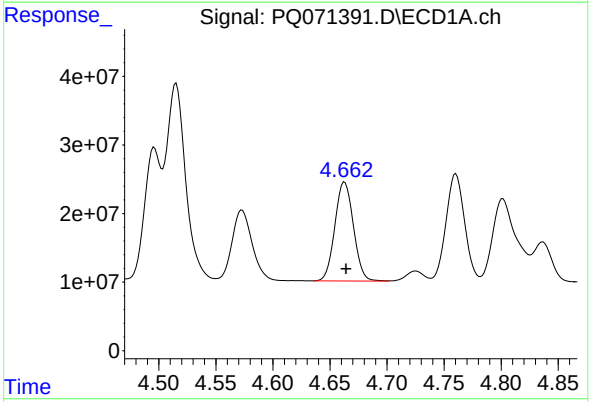
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 125051426
Conc: 418.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



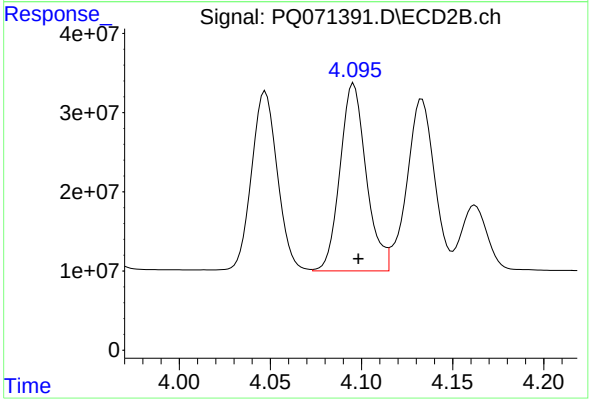
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 224089822
Conc: 806.10 ng/ml



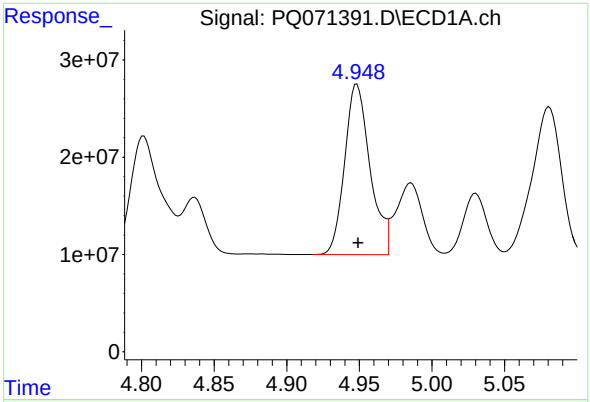
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 163782734
Conc: 667.01 ng/ml



#6 AR-1016-4

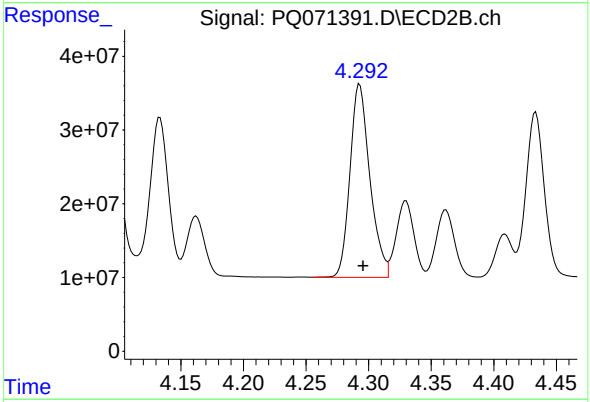
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 236766971
Conc: 1055.83 ng/ml



#7 AR-1016-5

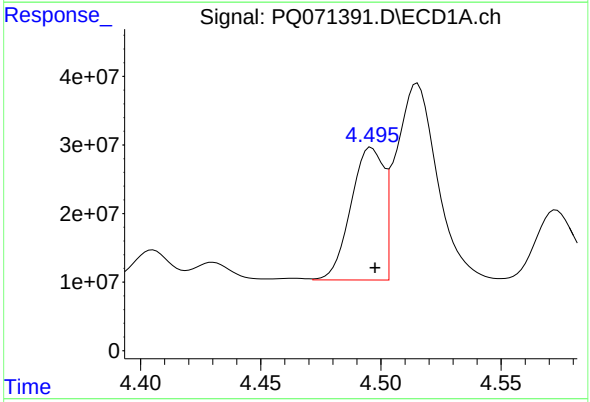
R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 213679099
Conc: 903.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



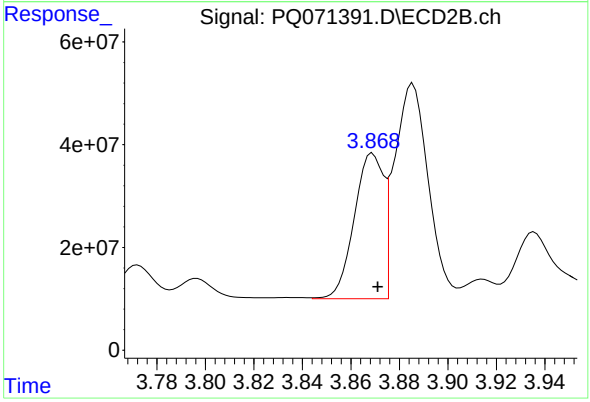
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 290837172
Conc: 1044.04 ng/ml



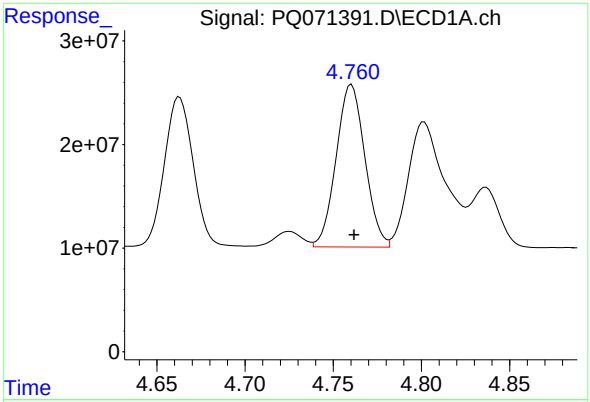
#21 AR-1248-1

R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 183381715
Conc: 962.66 ng/ml



#21 AR-1248-1

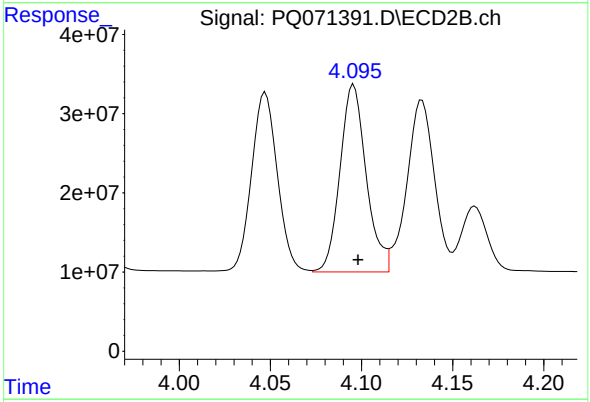
R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 237632556
Conc: 1116.29 ng/ml



#22 AR-1248-2

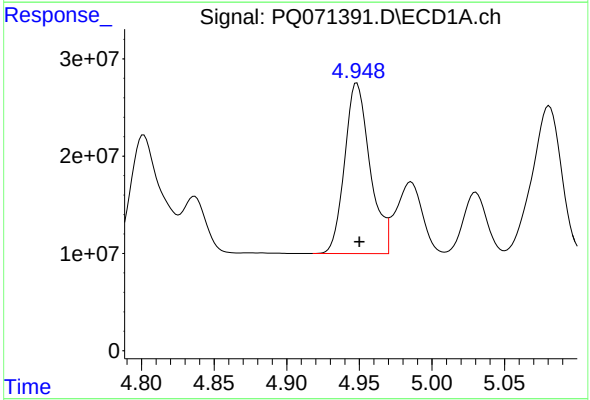
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 178144029
Conc: 732.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



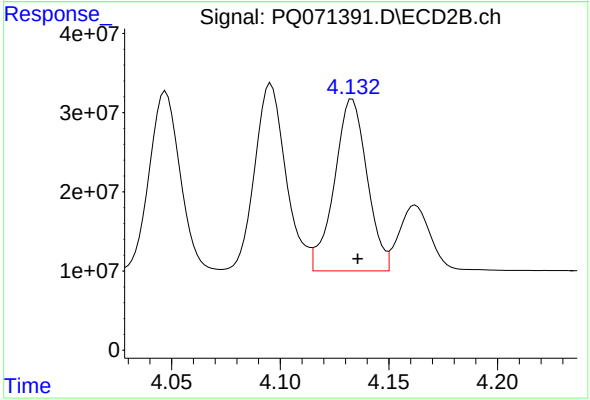
#22 AR-1248-2

R.T.: 4.096 min
Delta R.T.: -0.002 min
Response: 236766971
Conc: 833.64 ng/ml



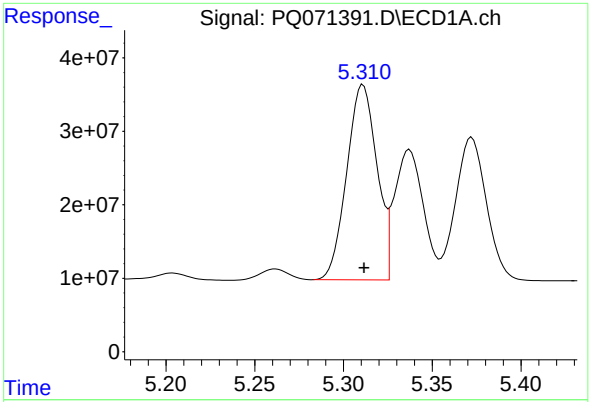
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 213679099
Conc: 727.23 ng/ml



#23 AR-1248-3

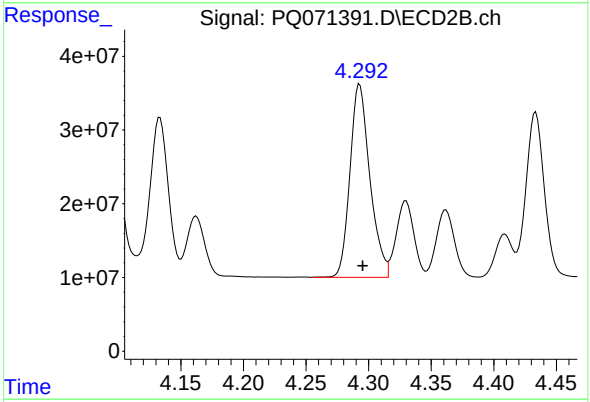
R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 227540619
Conc: 812.32 ng/ml



#24 AR-1248-4

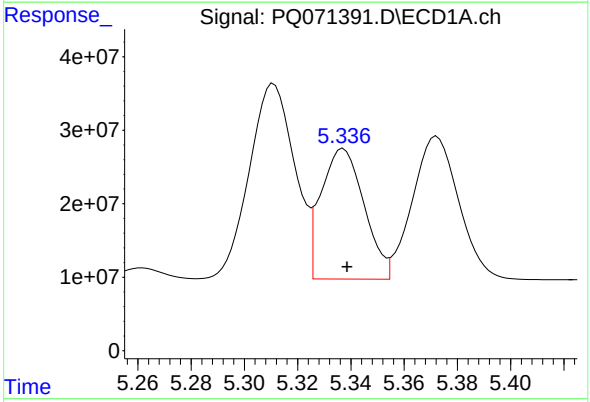
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 314624158
Conc: 1196.84 ng/m

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



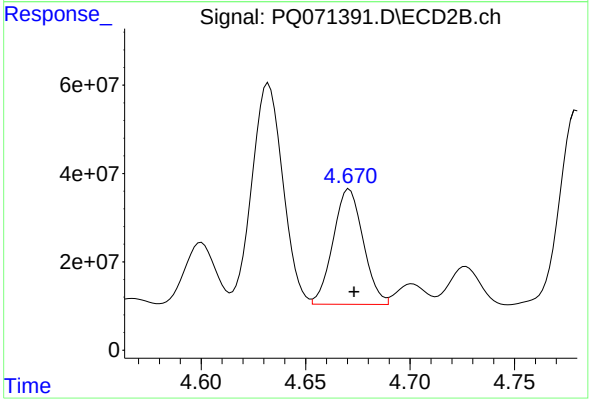
#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 290837172
Conc: 839.64 ng/ml



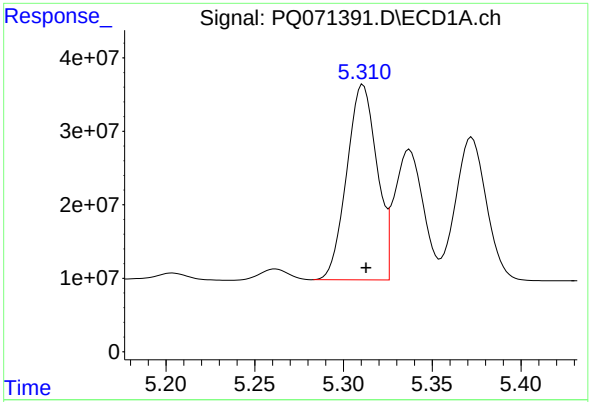
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 199689935
Conc: 590.19 ng/ml



#25 AR-1248-5

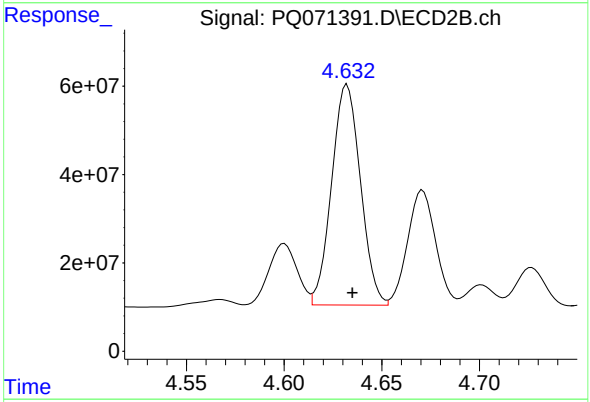
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 261322451
Conc: 749.55 ng/ml



#26 AR-1254-1

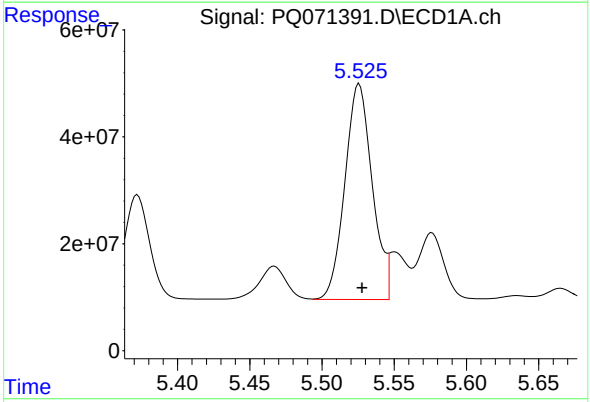
R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 314624158
Conc: 905.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



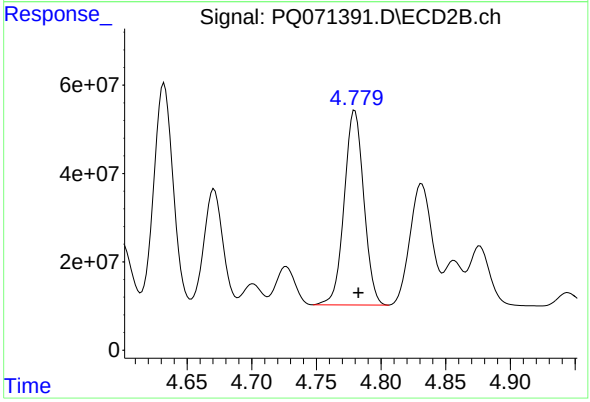
#26 AR-1254-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 513603550
Conc: 958.45 ng/ml



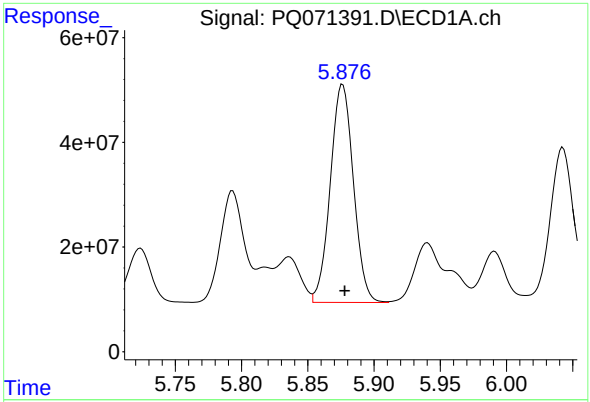
#27 AR-1254-2

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 531154862
Conc: 980.31 ng/ml



#27 AR-1254-2

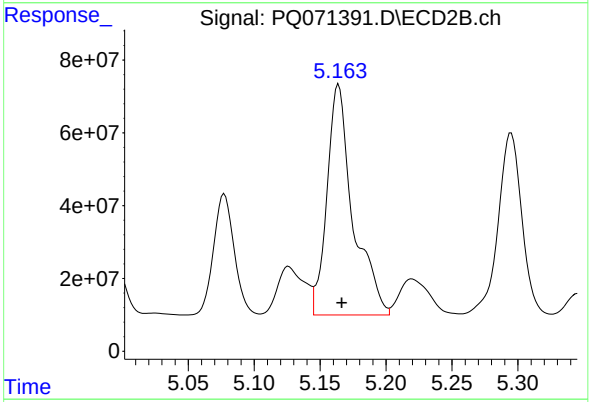
R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 464502911
Conc: 1012.47 ng/ml



#28 AR-1254-3

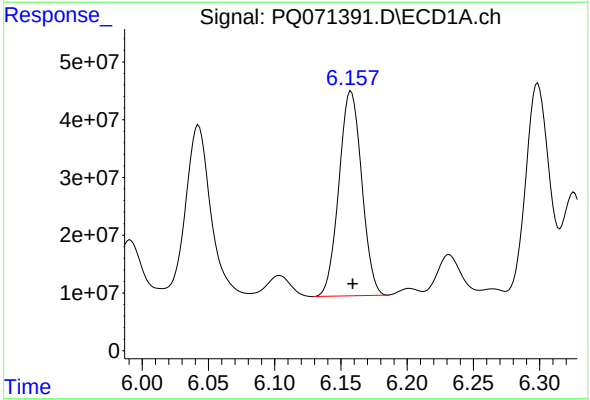
R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 506607592
Conc: 879.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



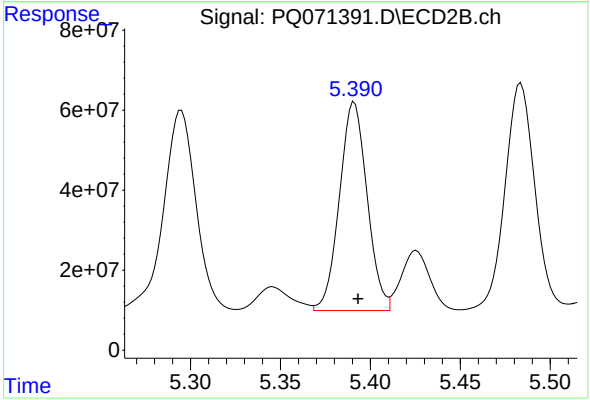
#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 868907765
Conc: 1144.35 ng/ml



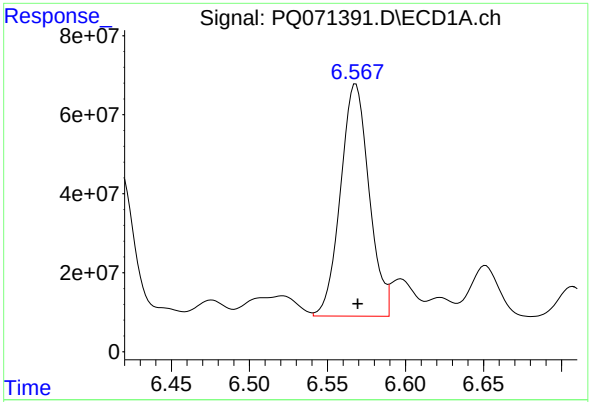
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 424288461
Conc: 1004.26 ng/ml



#29 AR-1254-4

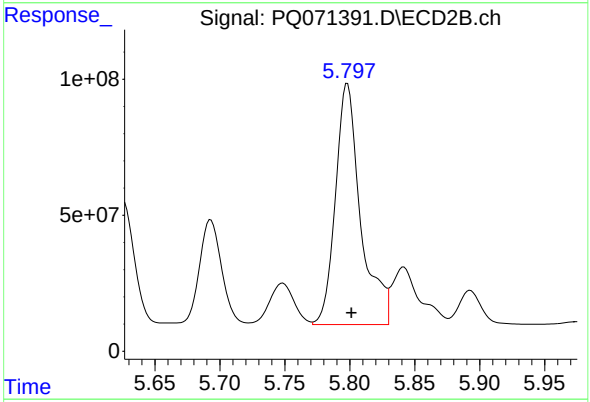
R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 557943331
Conc: 1116.29 ng/ml



#30 AR-1254-5

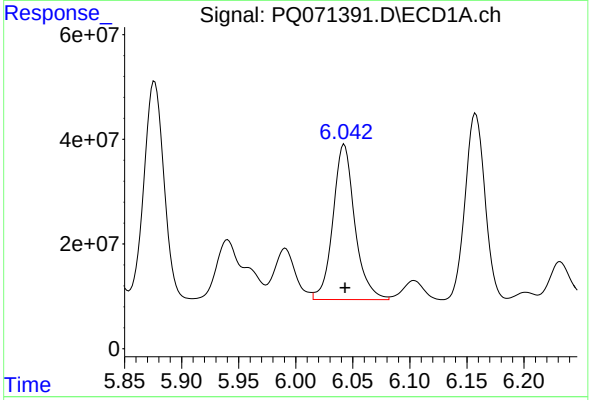
R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 748198033
Conc: 1627.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



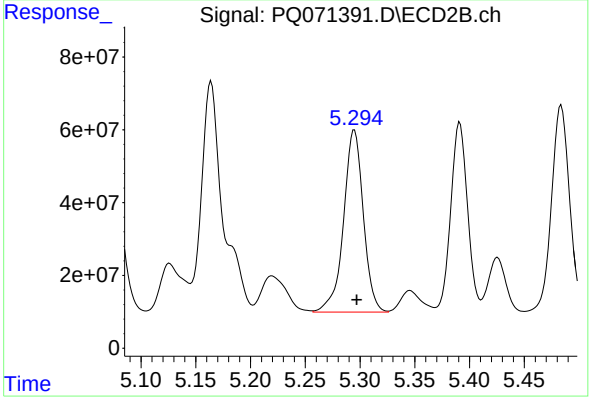
#30 AR-1254-5

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 1195233007
Conc: 1726.64 ng/ml



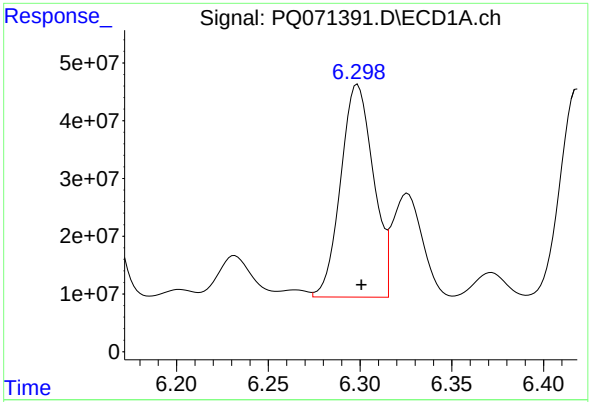
#31 AR-1260-1

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 395262849
Conc: 883.27 ng/ml



#31 AR-1260-1

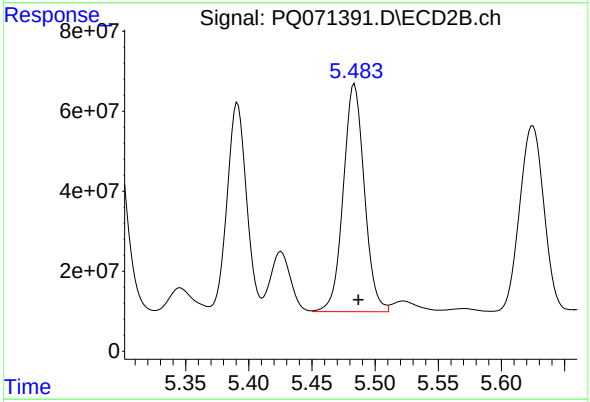
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 628652438
Conc: 1260.01 ng/ml



#32 AR-1260-2

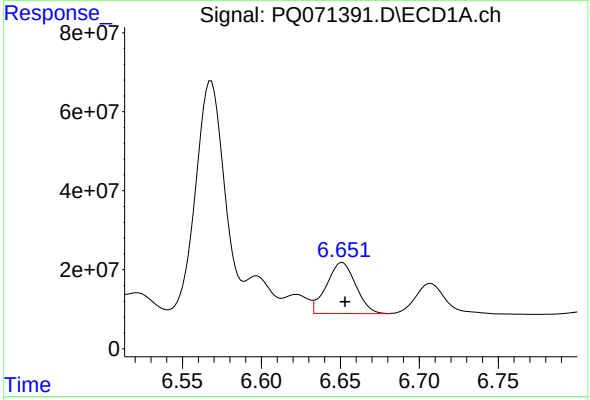
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 456734839
Conc: 893.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



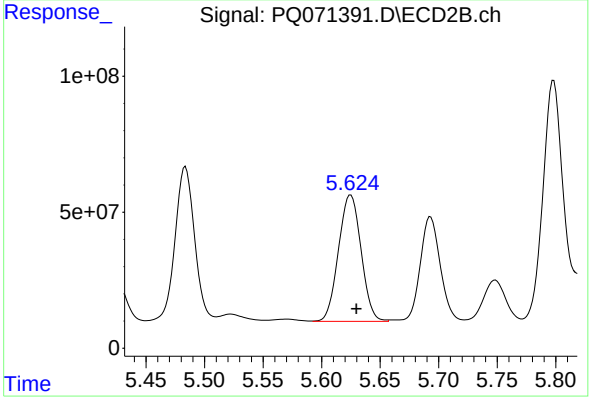
#32 AR-1260-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 660821423
Conc: 1089.79 ng/ml



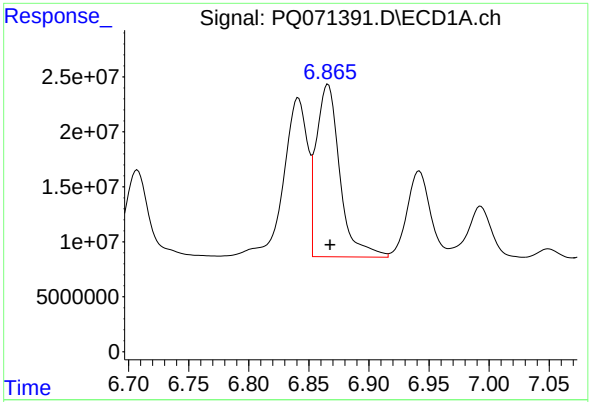
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 167429609
Conc: 437.46 ng/ml



#33 AR-1260-3

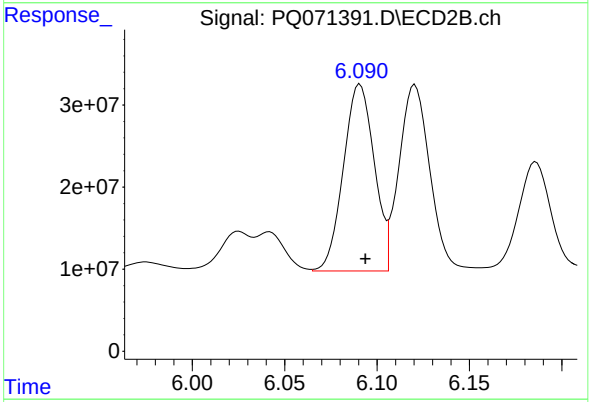
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 624837422
Conc: 1056.93 ng/ml



#34 AR-1260-4

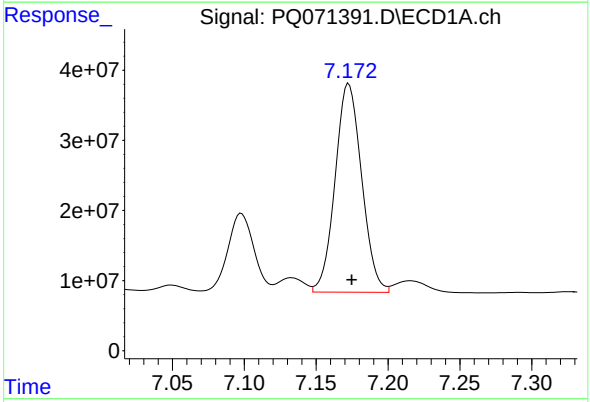
R.T.: 6.866 min
Delta R.T.: -0.002 min
Response: 214486838
Conc: 512.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MS



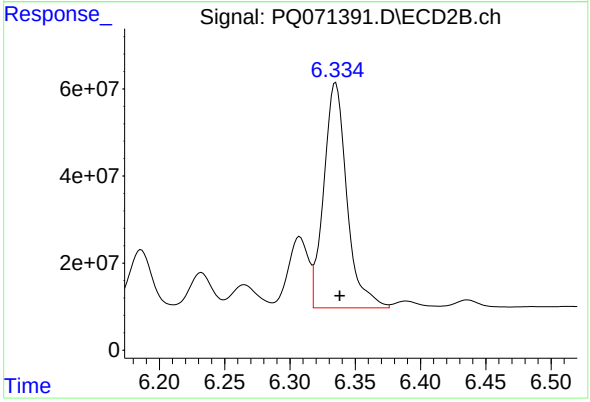
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 264722241
Conc: 534.38 ng/ml



#35 AR-1260-5

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 381725335
Conc: 458.67 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 637540252
Conc: 555.21 ng/ml

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

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/17/25
Project:	R37108	Date Received:	11/19/25
Client Sample ID:	C0AE4MSD	SDG No.:	Q3672
Lab Sample ID:	Q3672-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81.7
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 11/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	314		1	4.80	20.8	ug/kg	11/20/25 21:46	PB170653
11104-28-2	Aroclor-1221	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:46	PB170653
11141-16-5	Aroclor-1232	20.8	U	1	4.60	20.8	ug/kg	11/20/25 21:46	PB170653
53469-21-9	Aroclor-1242	20.8	U	1	4.90	20.8	ug/kg	11/20/25 21:46	PB170653
12672-29-6	Aroclor-1248	308		1	7.20	20.8	ug/kg	11/20/25 21:46	PB170653
11097-69-1	Aroclor-1254	266		1	3.90	20.8	ug/kg	11/20/25 21:46	PB170653
37324-23-5	Aroclor-1262	20.8	U	1	6.10	20.8	ug/kg	11/20/25 21:46	PB170653
11100-14-4	Aroclor-1268	20.8	U	1	4.40	20.8	ug/kg	11/20/25 21:46	PB170653
11096-82-5	Aroclor-1260	287		1	4.00	20.8	ug/kg	11/20/25 21:46	PB170653
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.3			21 - 165	111%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.5			10 - 170	82%	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

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\PQ112025\
Data File : PQ071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:46
Operator : YP\AJ
Sample : Q3672-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:17 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	2.855	173.0E6	207.7E6	19.869	22.248	
2)	SA Decachlor...	8.536	7.656	86725808	150.5E6	13.851	16.475	
	Target Compounds							
3)	L1 AR-1016-1	4.496	3.869	176.0E6	225.1E6	532.589	621.594	
4)	L1 AR-1016-2	4.515	3.885	314.1E6	375.3E6	660.492	764.115	
5)	L1 AR-1016-3	4.573	4.047	131.2E6	203.6E6	439.648	732.523	#
6)	L1 AR-1016-4	4.663	4.096	150.1E6	192.9E6	611.140	860.188	#
7)	L1 AR-1016-5	4.948	4.293	181.4E6	244.3E6	767.090	877.141	
21)	L5 AR-1248-1	4.496	3.869	176.0E6	225.1E6	924.160	1057.391	
22)	L5 AR-1248-2	4.760	4.096	145.7E6	192.9E6	598.895	679.169	
23)	L5 AR-1248-3	4.948	4.133	181.4E6	200.6E6	617.207	716.010	
24)	L5 AR-1248-4	5.310	4.293	214.0E6	244.3E6	814.198	705.412	
25)	L5 AR-1248-5	5.337	4.670	144.9E6	216.2E6	428.364	620.138	#
26)	L6 AR-1254-1	5.310	4.632	214.0E6	343.5E6	616.175	641.031	
27)	L6 AR-1254-2	5.526	4.779	313.3E6	257.7E6	578.150	561.743	
28)	L6 AR-1254-3	5.876	5.164	253.3E6	356.4E6	439.829	469.404	
29)	L6 AR-1254-4	6.158	5.390	195.7E6	257.1E6	463.178	514.481	
30)	L6 AR-1254-5	6.568	5.798	484.5E6	747.4E6	1054.044	1079.663	
31)	L7 AR-1260-1	6.042	5.294	287.5E6	438.8E6	642.458	879.439	#
32)	L7 AR-1260-2	6.300	5.483	331.4E6	472.6E6	648.651	779.376	
33)	L7 AR-1260-3	6.651	5.626	173.3E6	456.5E6	452.710	772.161	#
34)	L7 AR-1260-4	6.866	6.091	205.4E6	272.8E6	491.169	550.690	
35)	L7 AR-1260-5	7.174	6.335	379.9E6	623.5E6	456.486	542.948	

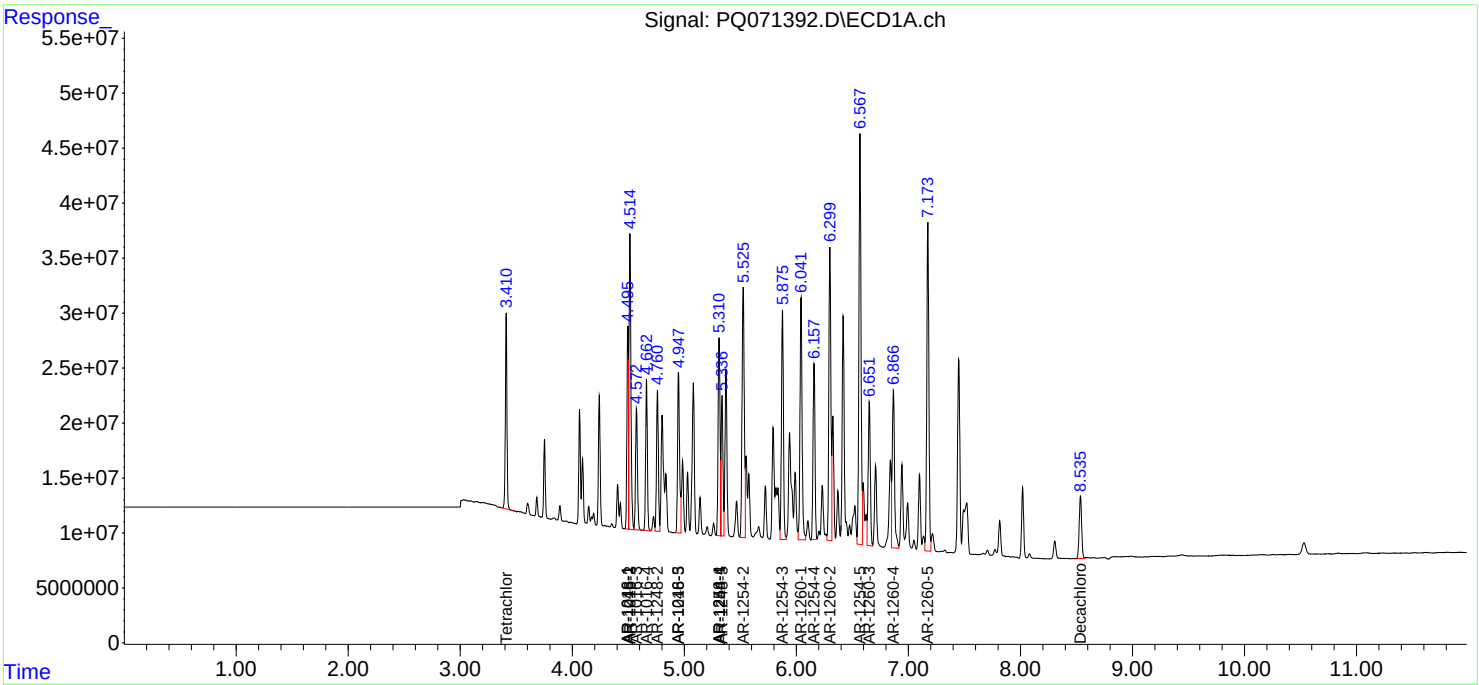
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

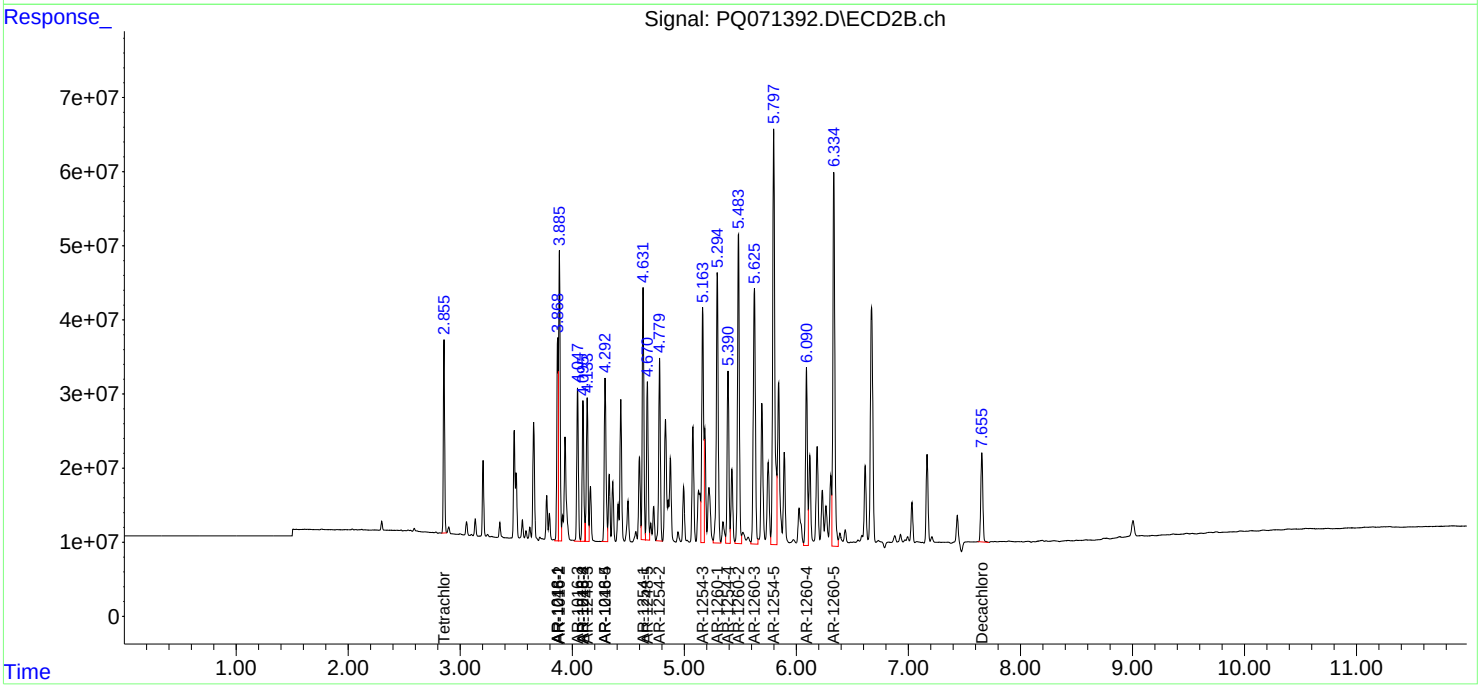
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112025\
Data File : PQ071392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 21:46
Operator : YP\AJ
Sample : Q3672-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

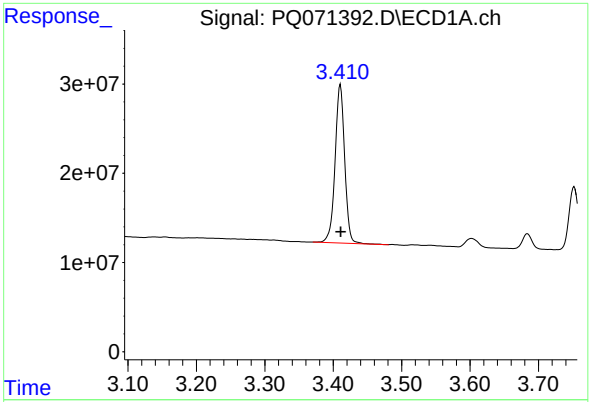
Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 03:49:17 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



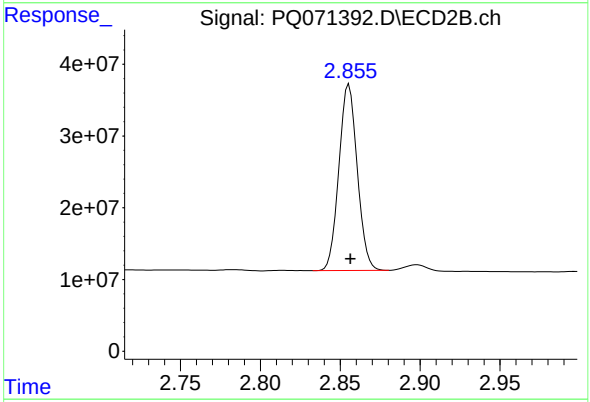




#1 Tetrachloro-m-xylene

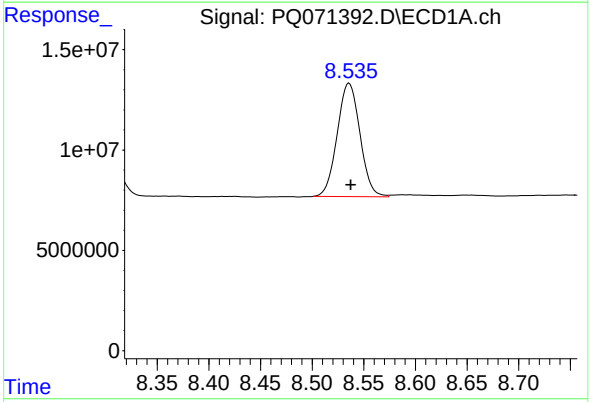
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 172965001
Conc: 19.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



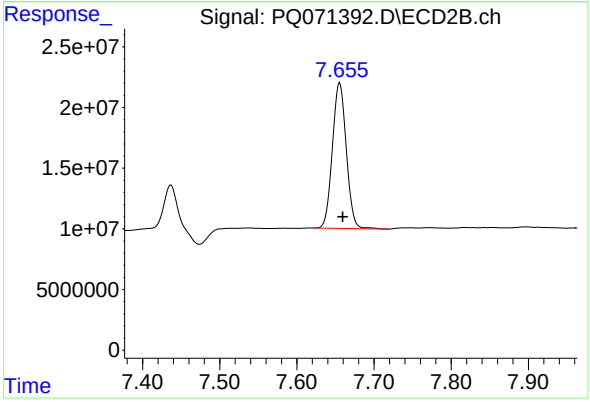
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 207722496
Conc: 22.25 ng/ml



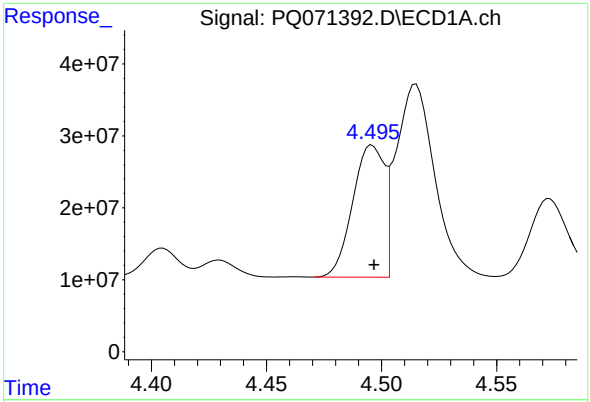
#2 Decachlorobiphenyl

R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 86725808
Conc: 13.85 ng/ml



#2 Decachlorobiphenyl

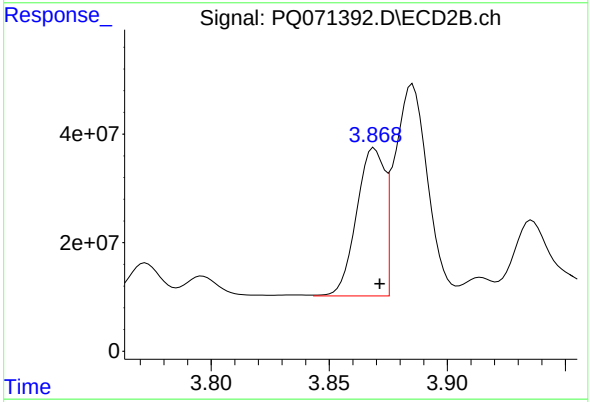
R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 150541009
Conc: 16.47 ng/ml



#3 AR-1016-1

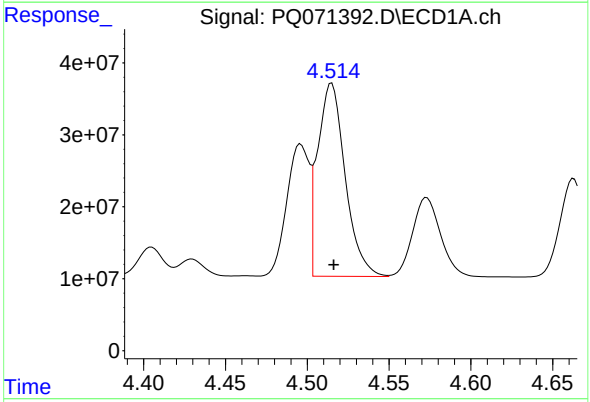
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 176047215
Conc: 532.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



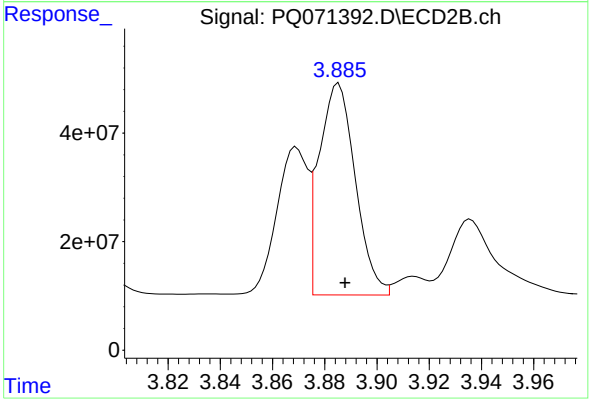
#3 AR-1016-1

R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 225093486
Conc: 621.59 ng/ml



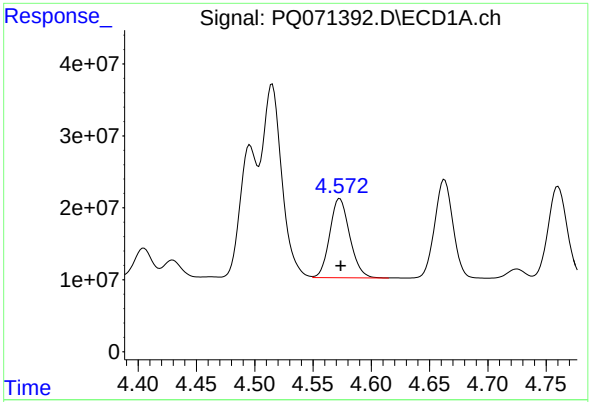
#4 AR-1016-2

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 314143322
Conc: 660.49 ng/ml



#4 AR-1016-2

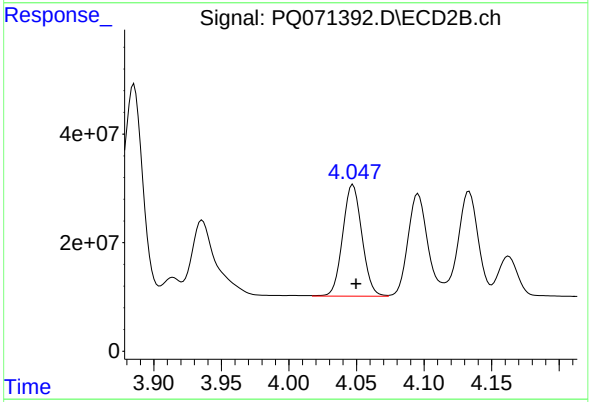
R.T.: 3.885 min
Delta R.T.: -0.002 min
Response: 375319721
Conc: 764.11 ng/ml



#5 AR-1016-3

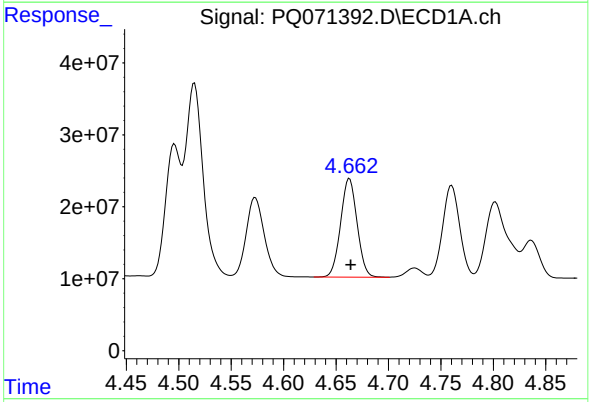
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 131216757
Conc: 439.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



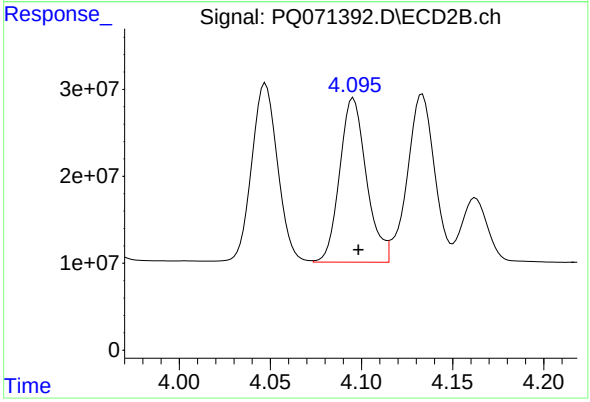
#5 AR-1016-3

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 203635349
Conc: 732.52 ng/ml



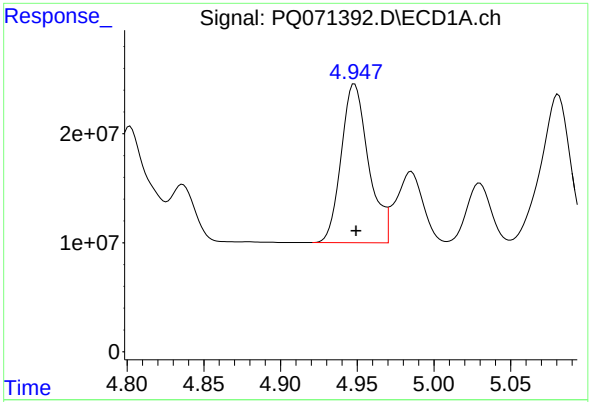
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 150063584
Conc: 611.14 ng/ml



#6 AR-1016-4

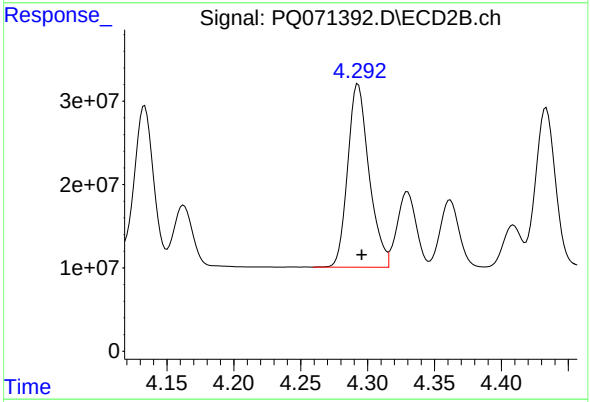
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 192895540
Conc: 860.19 ng/ml



#7 AR-1016-5

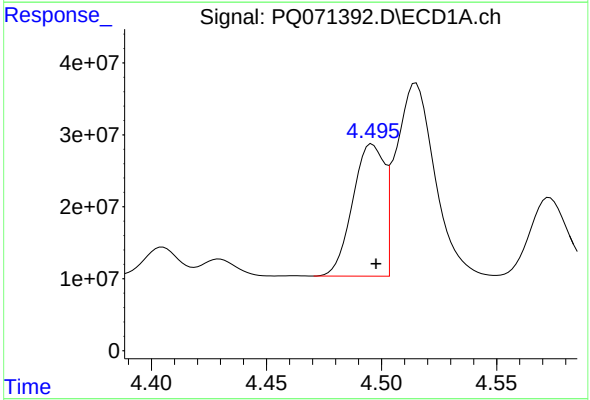
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 181351462
Conc: 767.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



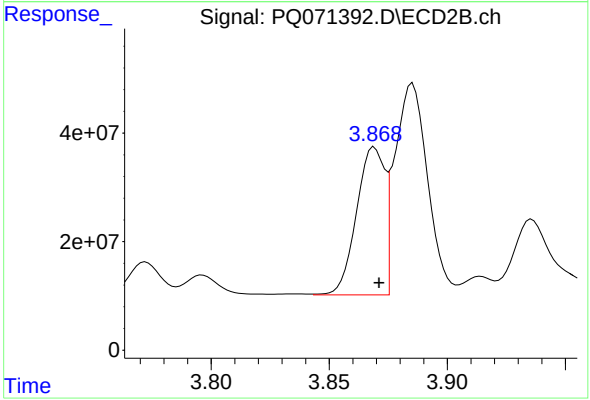
#7 AR-1016-5

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 244343571
Conc: 877.14 ng/ml



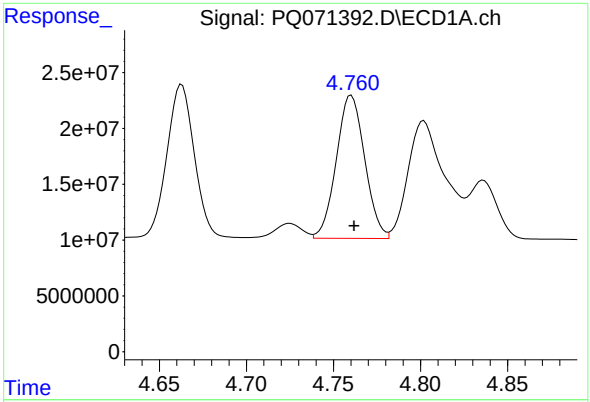
#21 AR-1248-1

R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 176047215
Conc: 924.16 ng/ml



#21 AR-1248-1

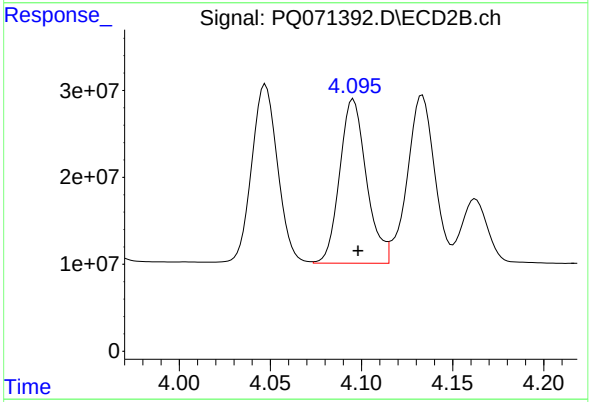
R.T.: 3.869 min
Delta R.T.: -0.002 min
Response: 225093486
Conc: 1057.39 ng/ml



#22 AR-1248-2

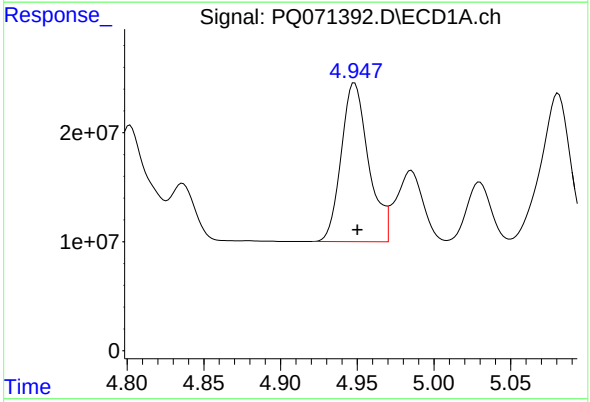
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 145703479
Conc: 598.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



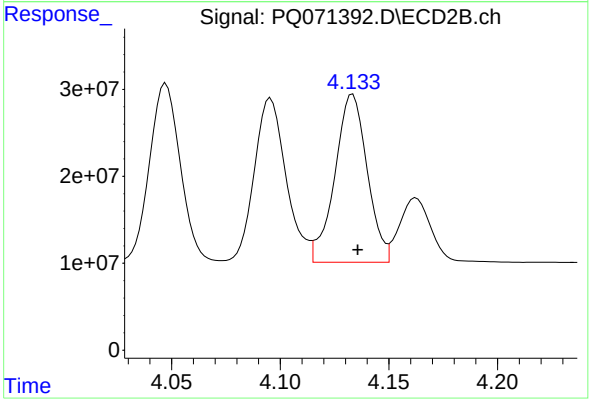
#22 AR-1248-2

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 192895540
Conc: 679.17 ng/ml



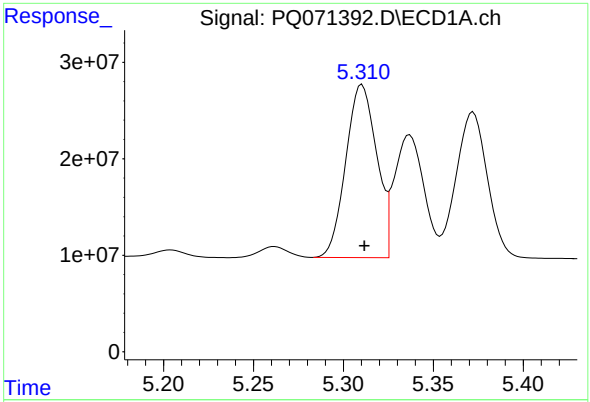
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 181351462
Conc: 617.21 ng/ml



#23 AR-1248-3

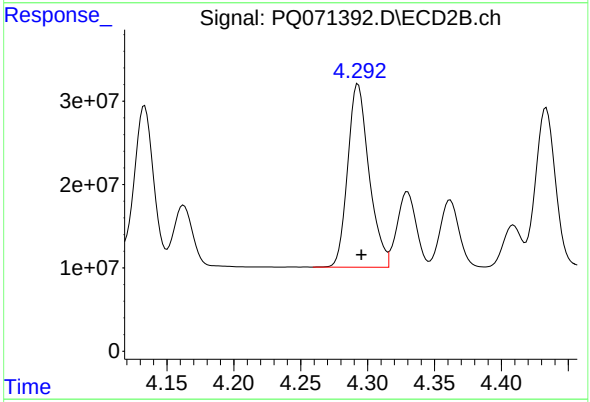
R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 200563552
Conc: 716.01 ng/ml



#24 AR-1248-4

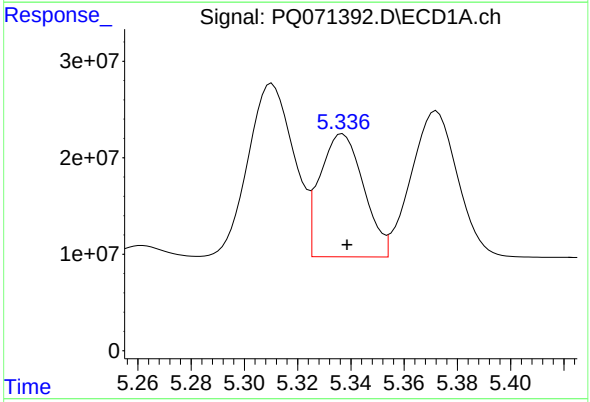
R.T.: 5.310 min
Delta R.T.: -0.001 min
Response: 214034707
Conc: 814.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



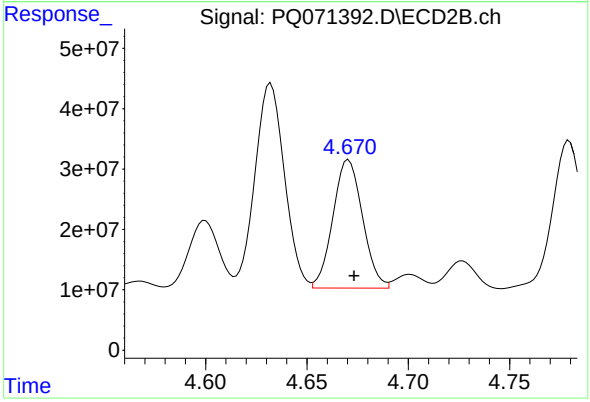
#24 AR-1248-4

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 244343571
Conc: 705.41 ng/ml



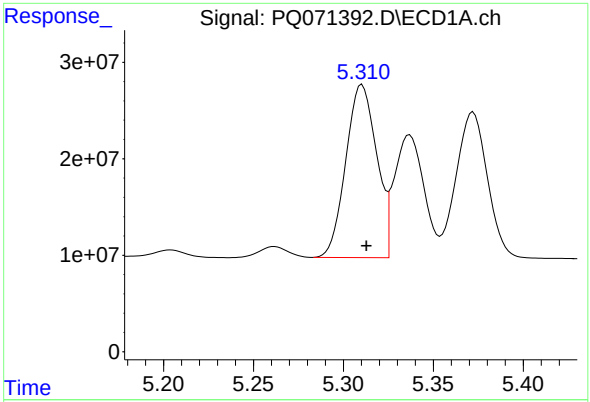
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 144935268
Conc: 428.36 ng/ml



#25 AR-1248-5

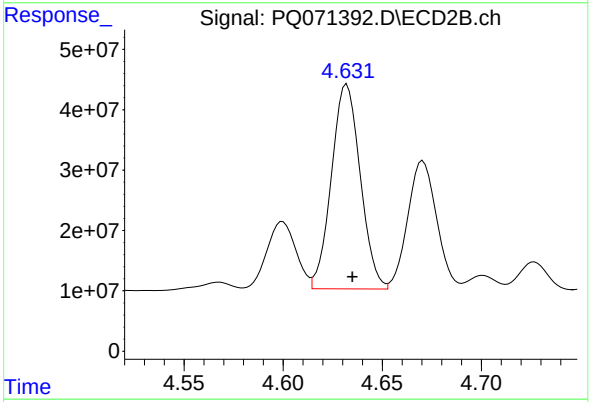
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 216203758
Conc: 620.14 ng/ml



#26 AR-1254-1

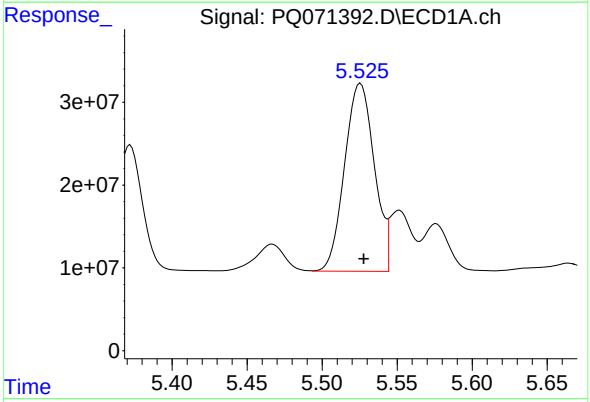
R.T.: 5.310 min
Delta R.T.: -0.002 min
Response: 214034707
Conc: 616.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



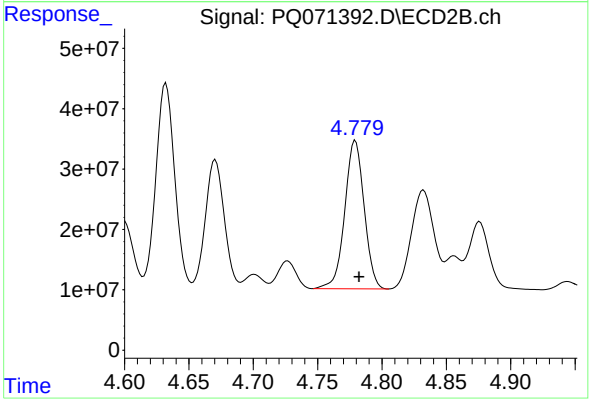
#26 AR-1254-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 343508474
Conc: 641.03 ng/ml



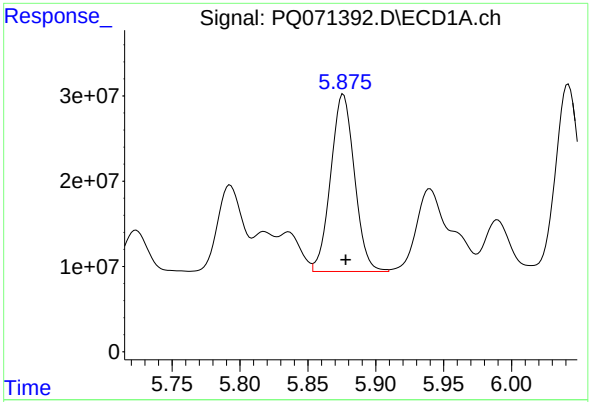
#27 AR-1254-2

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 313254923
Conc: 578.15 ng/ml



#27 AR-1254-2

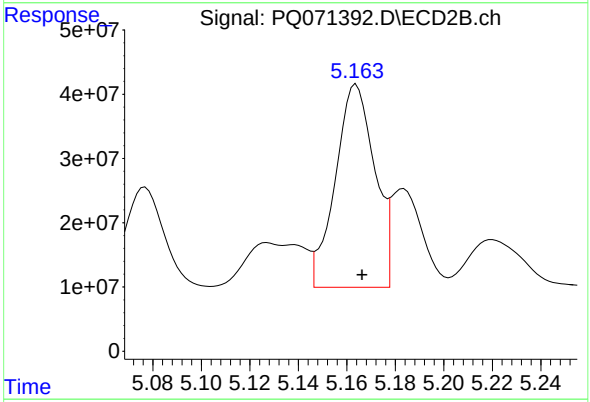
R.T.: 4.779 min
Delta R.T.: -0.003 min
Response: 257717164
Conc: 561.74 ng/ml



#28 AR-1254-3

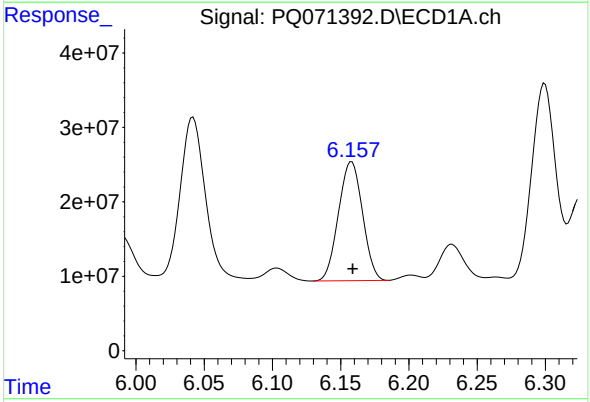
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 253266661
Conc: 439.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



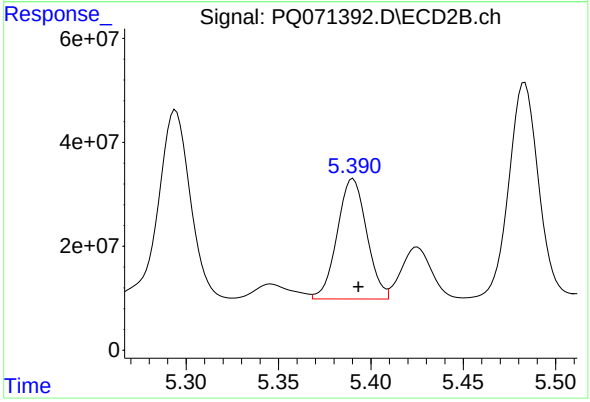
#28 AR-1254-3

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 356417822
Conc: 469.40 ng/ml



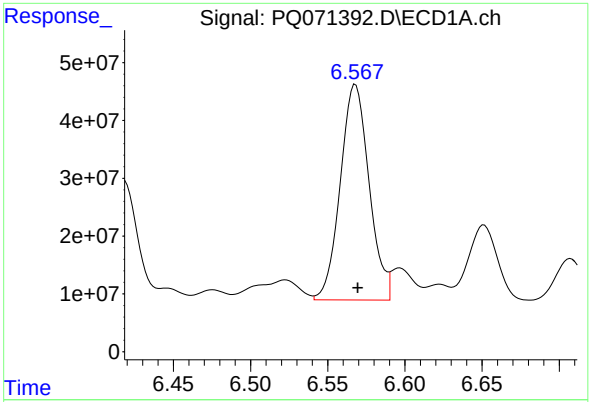
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 195688215
Conc: 463.18 ng/ml



#29 AR-1254-4

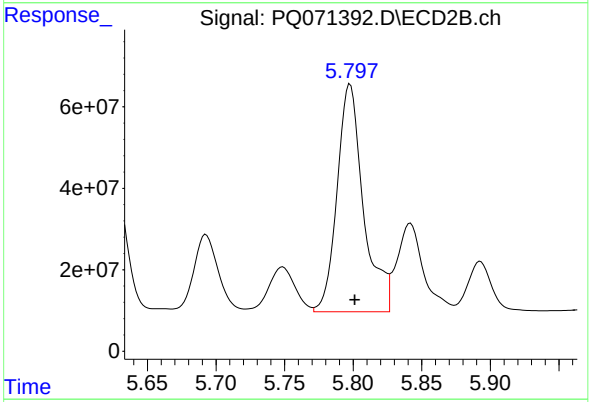
R.T.: 5.390 min
Delta R.T.: -0.003 min
Response: 257146937
Conc: 514.48 ng/ml



#30 AR-1254-5

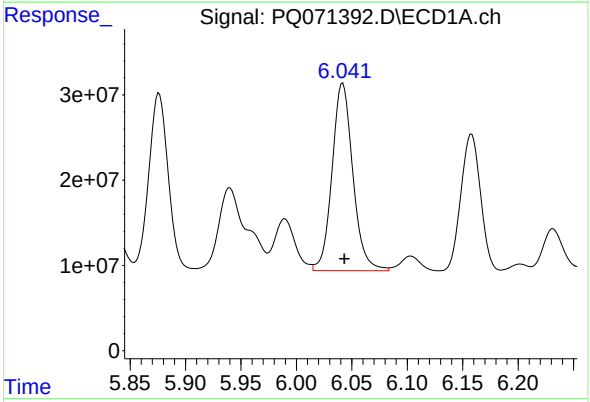
R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 484472480
Conc: 1054.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



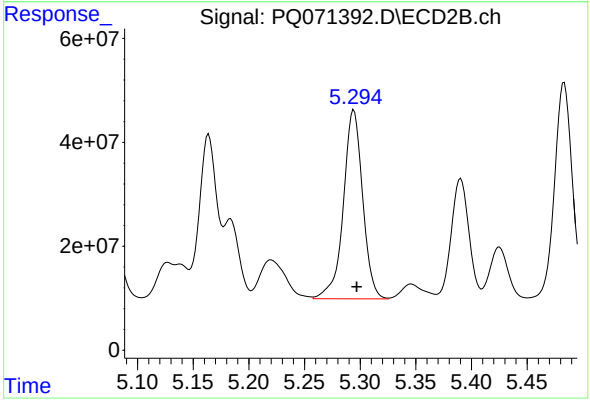
#30 AR-1254-5

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 747374953
Conc: 1079.66 ng/ml



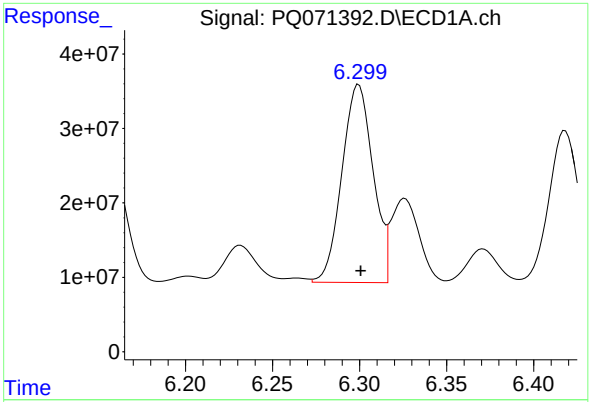
#31 AR-1260-1

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 287497945
Conc: 642.46 ng/ml



#31 AR-1260-1

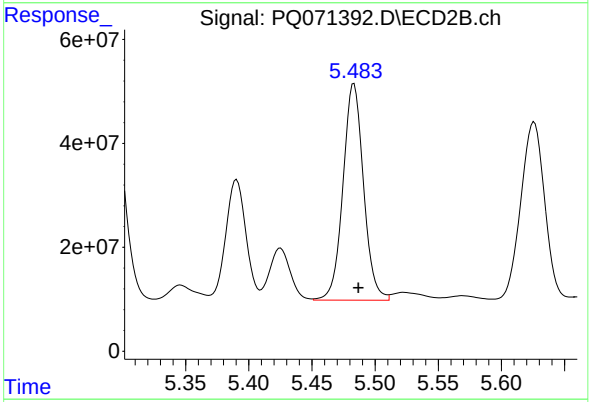
R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 438775564
Conc: 879.44 ng/ml



#32 AR-1260-2

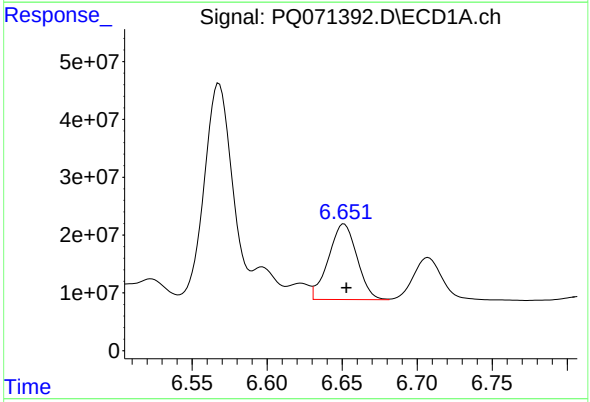
R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 331404716
Conc: 648.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



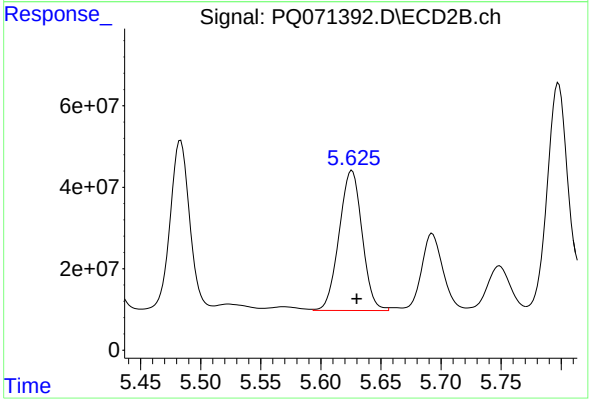
#32 AR-1260-2

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 472594855
Conc: 779.38 ng/ml



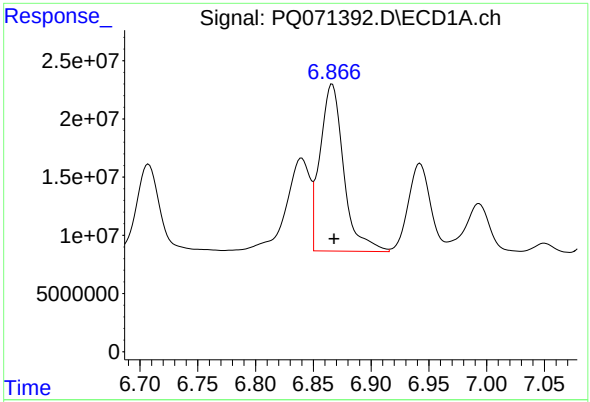
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: -0.002 min
Response: 173267434
Conc: 452.71 ng/ml



#33 AR-1260-3

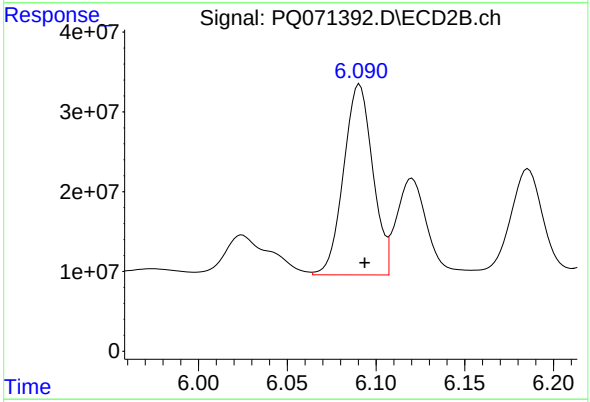
R.T.: 5.626 min
Delta R.T.: -0.004 min
Response: 456489177
Conc: 772.16 ng/ml



#34 AR-1260-4

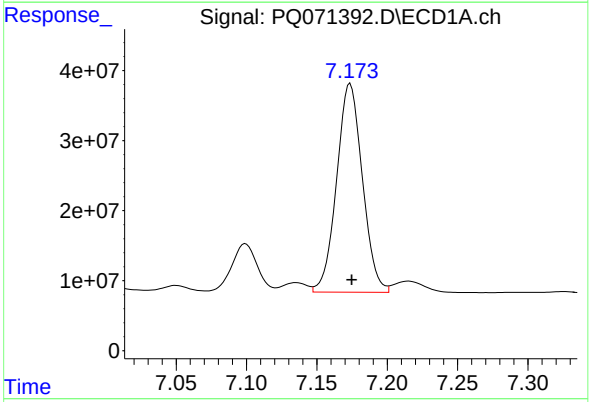
R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 205379531
Conc: 491.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AE4MSD



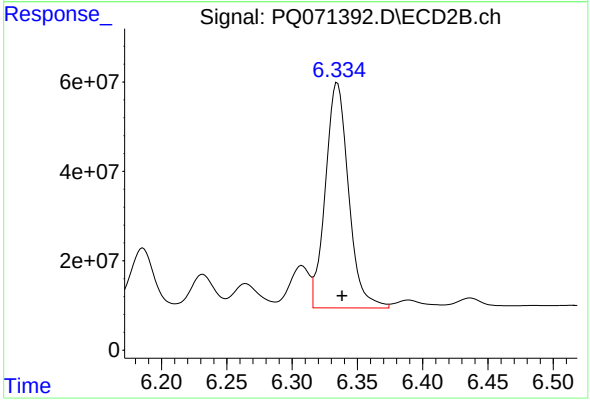
#34 AR-1260-4

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 272800296
Conc: 550.69 ng/ml



#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 379904780
Conc: 456.49 ng/ml



#35 AR-1260-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 623459323
Conc: 542.95 ng/ml

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

Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q

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

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

Manual Integration Report

Sequence:	PQ111825	Instrument	ECD_q

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

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

Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071386.D	AR-1260-1 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071386.D	AR-1260-2 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071386.D	AR-1260-3 #2	RAHUL	11/21/2025 3:44:10 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-03	PQ071394.D	AR-1260-2	rahul	12/1/2025 2:01:17 PM	Sohil	12/1/2025 4:39:34	Peak Integrated by Software
Q3672-03	PQ071394.D	AR-1260-3	rahul	12/1/2025 2:01:17 PM	Sohil	12/1/2025 4:39:34	Peak Integrated by Software
Q3672-04	PQ071395.D	AR-1260-1	RAHUL	11/21/2025 3:44:12 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-04	PQ071395.D	AR-1260-4	RAHUL	11/21/2025 3:44:12 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-04	PQ071395.D	AR-1260-5	RAHUL	11/21/2025 3:44:12 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-06	PQ071397.D	Decachlorobiphenyl #2	RAHUL	11/21/2025 3:44:16 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-2 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-3 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1016-5 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-1 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071398.D	AR-1260-2 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-3 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
AR1660CCC500	PQ071398.D	AR-1260-4 #2	RAHUL	11/21/2025 3:44:19 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1248-1 #2	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1248-2 #2	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1248-3 #2	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1248-4 #2	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1254-5	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1260-2	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-07	PQ071400.D	AR-1260-4	RAHUL	11/21/2025 3:44:22 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-1 #2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-2 #2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq112025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3672-12	PQ071405.D	AR-1260-3	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-3 #2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-4 #2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-12	PQ071405.D	AR-1260-5 #2	RAHUL	11/21/2025 3:44:25 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-13	PQ071406.D	AR-1260-3	rahul	12/1/2025 10:24:32 AM	Sohil	12/1/2025 4:39:37	Peak Integrated by Software
Q3672-13	PQ071406.D	AR-1260-3 #2	rahul	12/1/2025 10:24:32 AM	Sohil	12/1/2025 4:39:37	Peak Integrated by Software
Q3672-13	PQ071406.D	AR-1260-5 #2	rahul	12/1/2025 10:24:32 AM	Sohil	12/1/2025 4:39:37	Peak Integrated by Software
Q3672-15	PQ071408.D	AR-1248-1 #2	RAHUL	11/21/2025 3:44:29 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software
Q3672-16	PQ071409.D	Decachlorobiphenyl #2	RAHUL	11/21/2025 3:44:32 PM	mohammad	11/22/2025 12:07:36	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

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
Q3672-02DL	PQ071420.D	AR-1248-4	rahul	11/25/2025 8:25:24 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3672-02DL	PQ071420.D	AR-1248-5	rahul	11/25/2025 8:25:24 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3672-02DL	PQ071420.D	AR-1260-1 #2	rahul	11/25/2025 8:25:24 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3672-02DL	PQ071420.D	AR-1260-2 #2	rahul	11/25/2025 8:25:24 AM	mohammad	11/26/2025 4:59:58	Peak Integrated by Software
Q3672-02DL	PQ071420.D	AR-1260-3 #2	rahul	11/25/2025 8:25:24 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

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

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

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

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

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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
AR1660CCC500	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

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

Manual Integration Report

Sequence:	PQ112125	Instrument	ECD_q

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

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

Manual Integration Report

Sequence:	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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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#	SampleId	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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ071363.D	20 Nov 2025 10:47	YP\AJ	Ok
2	AR1660CCC500	PQ071364.D	20 Nov 2025 11:02	YP\AJ	Ok
3	I.BLK	PQ071365.D	20 Nov 2025 11:16	YP\AJ	Ok
4	PB170647BL	PQ071366.D	20 Nov 2025 11:55	YP\AJ	Ok
5	PB170647BS	PQ071367.D	20 Nov 2025 12:10	YP\AJ	Ok
6	Q3680-01	PQ071368.D	20 Nov 2025 12:24	YP\AJ	Ok,M
7	Q3680-02	PQ071369.D	20 Nov 2025 12:39	YP\AJ	Ok,M
8	Q3683-01	PQ071370.D	20 Nov 2025 12:54	YP\AJ	Ok,M
9	Q3683-02	PQ071371.D	20 Nov 2025 13:08	YP\AJ	Ok,M
10	Q3684-01	PQ071372.D	20 Nov 2025 13:23	YP\AJ	Ok,M
11	Q3684-02	PQ071373.D	20 Nov 2025 13:37	YP\AJ	Ok,M
12	PB170650BL	PQ071374.D	20 Nov 2025 15:05	YP\AJ	Ok
13	AR1660CCC500	PQ071375.D	20 Nov 2025 16:25	YP\AJ	Ok
14	I.BLK	PQ071376.D	20 Nov 2025 16:40	YP\AJ	Ok
15	PB170650BS	PQ071377.D	20 Nov 2025 16:54	YP\AJ	Ok
16	PB170654BL	PQ071378.D	20 Nov 2025 17:09	YP\AJ	Ok
17	PB170654BS	PQ071379.D	20 Nov 2025 17:23	YP\AJ	Ok,M
18	PB170654BSD	PQ071380.D	20 Nov 2025 17:38	YP\AJ	Ok
19	Q3663-06	PQ071381.D	20 Nov 2025 17:53	YP\AJ	Ok
20	Q3681-01	PQ071382.D	20 Nov 2025 18:07	YP\AJ	Ok,M
21	Q3681-01MS	PQ071383.D	20 Nov 2025 18:22	YP\AJ	Ok,M

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	Q3681-01MSD	PQ071384.D	20 Nov 2025 18:36	YP\AJ	Ok,M
23	Q3686-01	PQ071385.D	20 Nov 2025 18:51	YP\AJ	Ok,M
24	AR1660CCC500	PQ071386.D	20 Nov 2025 19:49	YP\AJ	Ok,M
25	I.BLK	PQ071387.D	20 Nov 2025 20:33	YP\AJ	Ok
26	PB170653BL	PQ071388.D	20 Nov 2025 20:47	YP\AJ	Ok
27	PB170653BS	PQ071389.D	20 Nov 2025 21:02	YP\AJ	Ok
28	Q3672-01	PQ071390.D	20 Nov 2025 21:16	YP\AJ	Ok
29	Q3672-01MS	PQ071391.D	20 Nov 2025 21:31	YP\AJ	Ok
30	Q3672-01MSD	PQ071392.D	20 Nov 2025 21:46	YP\AJ	Ok
31	Q3672-02	PQ071393.D	20 Nov 2025 22:00	YP\AJ	Dilution
32	Q3672-03	PQ071394.D	20 Nov 2025 22:15	YP\AJ	Dilution
33	Q3672-04	PQ071395.D	20 Nov 2025 22:29	YP\AJ	Dilution
34	Q3672-05	PQ071396.D	20 Nov 2025 22:44	YP\AJ	Dilution
35	Q3672-06	PQ071397.D	20 Nov 2025 22:58	YP\AJ	Ok,M
36	AR1660CCC500	PQ071398.D	20 Nov 2025 23:57	YP\AJ	Ok,M
37	I.BLK	PQ071399.D	21 Nov 2025 00:40	YP\AJ	Ok
38	Q3672-07	PQ071400.D	21 Nov 2025 00:55	YP\AJ	Ok,M
39	Q3672-08	PQ071401.D	21 Nov 2025 01:10	YP\AJ	Ok
40	Q3672-09	PQ071402.D	21 Nov 2025 01:24	YP\AJ	Ok
41	Q3672-10	PQ071403.D	21 Nov 2025 01:39	YP\AJ	Ok
42	Q3672-11	PQ071404.D	21 Nov 2025 01:53	YP\AJ	Dilution
43	Q3672-12	PQ071405.D	21 Nov 2025 02:08	YP\AJ	Dilution
44	Q3672-13	PQ071406.D	21 Nov 2025 02:22	YP\AJ	Dilution

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	Q3672-14	PQ071407.D	21 Nov 2025 02:37	YP\AJ	Ok
46	Q3672-15	PQ071408.D	21 Nov 2025 02:52	YP\AJ	Ok,M
47	Q3672-16	PQ071409.D	21 Nov 2025 03:06	YP\AJ	Ok,M
48	AR1660CCC500	PQ071410.D	21 Nov 2025 04:33	YP\AJ	Ok
49	I.BLK	PQ071411.D	21 Nov 2025 04:47	YP\AJ	Ok
50	Q3672-17	PQ071412.D	21 Nov 2025 05:02	YP\AJ	Ok
51	Q3672-18	PQ071413.D	21 Nov 2025 05:17	YP\AJ	Ok
52	Q3672-19	PQ071414.D	21 Nov 2025 05:31	YP\AJ	Ok
53	AR1660CCC500	PQ071415.D	21 Nov 2025 06:58	YP\AJ	Ok
54	I.BLK	PQ071416.D	21 Nov 2025 07:13	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ071271.D	18 Nov 2025 11:44		YP\AJ	Ok
2	I.BLK	I.BLK	PQ071272.D	18 Nov 2025 11:59		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ071273.D	18 Nov 2025 12:13		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ071274.D	18 Nov 2025 12:28		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ071275.D	18 Nov 2025 12:43		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ071276.D	18 Nov 2025 12:57		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ071277.D	18 Nov 2025 15:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ071278.D	18 Nov 2025 16:25		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ071279.D	18 Nov 2025 16:39		YP\AJ	Ok
10	AR1242ICC500	AR1242ICC500	PQ071280.D	18 Nov 2025 16:54		YP\AJ	Ok
11	AR1248ICC500	AR1248ICC500	PQ071281.D	18 Nov 2025 17:08		YP\AJ	Ok
12	AR1254ICC500	AR1254ICC500	PQ071282.D	18 Nov 2025 17:23		YP\AJ	Ok
13	AR1262ICC500	AR1262ICC500	PQ071283.D	18 Nov 2025 17:37		YP\AJ	Ok
14	AR1268ICC500	AR1268ICC500	PQ071284.D	18 Nov 2025 17:52		YP\AJ	Ok
15	PQ111825ICV500	ICVPQ111825	PQ071285.D	18 Nov 2025 18:07		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PQ071286.D	18 Nov 2025 18:36		YP\AJ	Ok
17	I.BLK	I.BLK	PQ071287.D	18 Nov 2025 19:05		YP\AJ	Ok
18	PB170532BL	PB170532BL	PQ071288.D	18 Nov 2025 19:20	DCB high in 2nd column	YP\AJ	Not Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	YP\AJ	Ok
20	Q3530-03	MDL-SOIL-03-QT4-202	PQ071290.D	18 Nov 2025 19:49	AR1221 MDL SOIL 25PPB, failing high	YP\AJ	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	YP\AJ	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	YP\AJ	Not Ok
23	Q3530-03	MDL-SOIL-03-QT4-202	PQ071293.D	18 Nov 2025 20:33	AR1248 MDL SOIL 25PPB, failing high	YP\AJ	Not Ok
24	Q3530-03	MDL-SOIL-03-QT4-202	PQ071294.D	18 Nov 2025 20:47	AR1254 MDL SOIL 25PPB, failing high	YP\AJ	Not Ok
25	Q3530-03	MDL-SOIL-03-QT4-202	PQ071295.D	18 Nov 2025 21:02	AR1262 MDL SOIL 25PPB	YP\AJ	Not Ok
26	Q3530-03	MDL-SOIL-03-QT4-202	PQ071296.D	18 Nov 2025 21:16	AR1268 MDL SOIL 25PPB	YP\AJ	Ok
27	AR1660CCC500	AR1660CCC500	PQ071297.D	18 Nov 2025 22:14		YP\AJ	Ok
28	I.BLK	I.BLK	PQ071298.D	19 Nov 2025 00:49		YP\AJ	Ok
29	PB170530BL	PB170530BL	PQ071299.D	19 Nov 2025 01:03		YP\AJ	Ok
30	Q3530-09	MDL-WATER-03-QT4-2	PQ071300.D	19 Nov 2025 01:18	AR1660 MDL WATER 25PPB	YP\AJ	Ok
31	Q3530-09	MDL-WATER-03-QT4-2	PQ071301.D	19 Nov 2025 01:32	AR1221 MDL WATER 25PPB, failing high	YP\AJ	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	YP\AJ	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	YP\AJ	Not Ok
34	Q3530-09	MDL-WATER-03-QT4-2	PQ071304.D	19 Nov 2025 02:16	AR1248 MDL WATER 25PPB, failing high	YP\AJ	Not Ok
35	Q3530-09	MDL-WATER-03-QT4-2	PQ071305.D	19 Nov 2025 02:31	AR1254 MDL WATER 25PPB, failing high	YP\AJ	Not Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

36	Q3530-09	MDL-WATER-03-QT4-2	PQ071306.D	19 Nov 2025 02:45	AR1262 MDL WATER 25PPB	YP\AJ	Ok,M
37	Q3530-09	MDL-WATER-03-QT4-2	PQ071307.D	19 Nov 2025 03:00	AR1268 MDL WATER 25PPB	YP\AJ	Ok
38	AR1660CCC500	AR1660CCC500	PQ071308.D	19 Nov 2025 03:58		YP\AJ	Ok
39	I.BLK	I.BLK	PQ071309.D	19 Nov 2025 04:30		YP\AJ	Ok
40	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071310.D	19 Nov 2025 04:44	AR1660 LOQ SOIL 50PPB, failing low	YP\AJ	Not Ok
41	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071311.D	19 Nov 2025 04:59	AR1221 LOQ SOIL 50PPB	YP\AJ	Ok,M
42	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071312.D	19 Nov 2025 05:14	AR1232 LOQ SOIL 50PPB	YP\AJ	Ok,M
43	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071313.D	19 Nov 2025 05:28	AR1242 LOQ SOIL 50PPB	YP\AJ	Ok,M
44	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071314.D	19 Nov 2025 05:43	AR1248 LOQ SOIL 50PPB	YP\AJ	Ok
45	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071315.D	19 Nov 2025 05:57	AR1254 LOQ SOIL 50PPB	YP\AJ	Ok,M
46	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071316.D	19 Nov 2025 06:12	AR1262 LOQ SOIL 50PPB	YP\AJ	Ok
47	Q3530-02	LOQ-SOIL-02-QT4-202	PQ071317.D	19 Nov 2025 06:27	AR1268 LOQ SOIL 50PPB	YP\AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ071318.D	19 Nov 2025 07:25		YP\AJ	Ok
49	I.BLK	I.BLK	PQ071319.D	19 Nov 2025 08:09		YP\AJ	Ok
50	Q3530-08	LOQ-WATER-02-QT4-2	PQ071320.D	19 Nov 2025 08:23	AR1660 LOQ WATER 50PPB , Recovery low	YP\AJ	Not Ok
51	Q3530-08	LOQ-WATER-02-QT4-2	PQ071321.D	19 Nov 2025 08:38	AR1221 LOQ WATER 50PPB	YP\AJ	Ok,M
52	Q3530-08	LOQ-WATER-02-QT4-2	PQ071322.D	19 Nov 2025 08:52	AR1232 LOQ WATER 50PPB	YP\AJ	Ok,M
53	Q3530-08	LOQ-WATER-02-QT4-2	PQ071323.D	19 Nov 2025 09:07	AR1242 LOQ WATER 50PPB	YP\AJ	Ok,M
54	Q3530-08	LOQ-WATER-02-QT4-2	PQ071324.D	19 Nov 2025 09:21	AR1248 LOQ WATER 50PPB	YP\AJ	Ok,M

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

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	YP\AJ	Not Ok
56	Q3530-08	LOQ-WATER-02-QT4-2	PQ071326.D	19 Nov 2025 09:51	AR1262 LOQ WATER 50PPB	YP\AJ	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	YP\AJ	Not Ok
58	AR1660CCC500	AR1660CCC500	PQ071328.D	19 Nov 2025 11:03		YP\AJ	Ok
59	I.BLK	I.BLK	PQ071329.D	19 Nov 2025 11:19		YP\AJ	Ok
60	DDT ANALOG	DDT ANALOG	PQ071330.D	19 Nov 2025 11:33		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	PQ071363.D	20 Nov 2025 10:47		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071364.D	20 Nov 2025 11:02		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071365.D	20 Nov 2025 11:16		YP\AJ	Ok
4	PB170647BL	PB170647BL	PQ071366.D	20 Nov 2025 11:55		YP\AJ	Ok
5	PB170647BS	PB170647BS	PQ071367.D	20 Nov 2025 12:10		YP\AJ	Ok
6	Q3680-01	JEC870H-1-1	PQ071368.D	20 Nov 2025 12:24		YP\AJ	Ok,M
7	Q3680-02	JEC870H-1-2	PQ071369.D	20 Nov 2025 12:39		YP\AJ	Ok,M
8	Q3683-01	BC270901-1-1	PQ071370.D	20 Nov 2025 12:54		YP\AJ	Ok,M
9	Q3683-02	BC270901-1-2	PQ071371.D	20 Nov 2025 13:08		YP\AJ	Ok,M
10	Q3684-01	BC283069-1-1	PQ071372.D	20 Nov 2025 13:23		YP\AJ	Ok,M
11	Q3684-02	BC283069-1-2	PQ071373.D	20 Nov 2025 13:37		YP\AJ	Ok,M
12	PB170650BL	PB170650BL	PQ071374.D	20 Nov 2025 15:05		YP\AJ	Ok
13	AR1660CCC500	AR1660CCC500	PQ071375.D	20 Nov 2025 16:25		YP\AJ	Ok
14	I.BLK	I.BLK	PQ071376.D	20 Nov 2025 16:40		YP\AJ	Ok
15	PB170650BS	PB170650BS	PQ071377.D	20 Nov 2025 16:54		YP\AJ	Ok
16	PB170654BL	PB170654BL	PQ071378.D	20 Nov 2025 17:09		YP\AJ	Ok
17	PB170654BS	PB170654BS	PQ071379.D	20 Nov 2025 17:23		YP\AJ	Ok,M
18	PB170654BSD	PB170654BSD	PQ071380.D	20 Nov 2025 17:38		YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	Q3663-06	2055-56-57	PQ071381.D	20 Nov 2025 17:53		YP\AJ	Ok
20	Q3681-01	ETGI-354	PQ071382.D	20 Nov 2025 18:07		YP\AJ	Ok,M
21	Q3681-01MS	ETGI-354MS	PQ071383.D	20 Nov 2025 18:22		YP\AJ	Ok,M
22	Q3681-01MSD	ETGI-354MSD	PQ071384.D	20 Nov 2025 18:36		YP\AJ	Ok,M
23	Q3686-01	FAIRLAWN-GRAVEL	PQ071385.D	20 Nov 2025 18:51		YP\AJ	Ok,M
24	AR1660CCC500	AR1660CCC500	PQ071386.D	20 Nov 2025 19:49		YP\AJ	Ok,M
25	I.BLK	I.BLK	PQ071387.D	20 Nov 2025 20:33		YP\AJ	Ok
26	PB170653BL	PB170653BL	PQ071388.D	20 Nov 2025 20:47		YP\AJ	Ok
27	PB170653BS	PB170653BS	PQ071389.D	20 Nov 2025 21:02		YP\AJ	Ok
28	Q3672-01	C0AE4	PQ071390.D	20 Nov 2025 21:16	AR1260+1254+1248 Hit	YP\AJ	Ok
29	Q3672-01MS	C0AE4MS	PQ071391.D	20 Nov 2025 21:31		YP\AJ	Ok
30	Q3672-01MSD	C0AE4MSD	PQ071392.D	20 Nov 2025 21:46	AR1260 RPD Fail	YP\AJ	Ok
31	Q3672-02	C0AE5	PQ071393.D	20 Nov 2025 22:00	AR1260+1248 Hit , need 5x dilution	YP\AJ	Dilution
32	Q3672-03	C0AE6	PQ071394.D	20 Nov 2025 22:15	AR1260 Hit , need 100x	YP\AJ	Dilution
33	Q3672-04	C0AE7	PQ071395.D	20 Nov 2025 22:29	AR1260, Need diluted run 20x,200x,F Flag	YP\AJ	Dilution
34	Q3672-05	C0AE8	PQ071396.D	20 Nov 2025 22:44	AR1260 Hit , need 20x	YP\AJ	Dilution
35	Q3672-06	C0AE9	PQ071397.D	20 Nov 2025 22:58	AR1260+1254+1248 Hit	YP\AJ	Ok,M
36	AR1660CCC500	AR1660CCC500	PQ071398.D	20 Nov 2025 23:57		YP\AJ	Ok,M
37	I.BLK	I.BLK	PQ071399.D	21 Nov 2025 00:40		YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ112025

Review By	Rahul	Review On	11/20/2025 10:37:18 AM		
Supervise By	mohammad	Supervise On	11/22/2025 12:07:36 AM		
SubDirectory	PQ112025	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	

38	Q3672-07	C0AF0	PQ071400.D	21 Nov 2025 00:55	AR1260+1254+1248 Hit	YP\AJ	Ok,M
39	Q3672-08	C0AF1	PQ071401.D	21 Nov 2025 01:10	AR1254 Hit	YP\AJ	Ok
40	Q3672-09	C0AF2	PQ071402.D	21 Nov 2025 01:24		YP\AJ	Ok
41	Q3672-10	C0AF7	PQ071403.D	21 Nov 2025 01:39	AR1260+1254+1248 Hit	YP\AJ	Ok
42	Q3672-11	C0AF8	PQ071404.D	21 Nov 2025 01:53	AR1260+1254+1248 Hit need 2x	YP\AJ	Dilution
43	Q3672-12	C0AF9	PQ071405.D	21 Nov 2025 02:08	AR1248+AR1260 Hit ,Need 20X, 100X	YP\AJ	Dilution
44	Q3672-13	C0AG0	PQ071406.D	21 Nov 2025 02:22	AR1260 hit, Need 1000X, 2000X, F Flag	YP\AJ	Dilution
45	Q3672-14	C0AG1	PQ071407.D	21 Nov 2025 02:37	AR1260+1248 Hit	YP\AJ	Ok
46	Q3672-15	C0AG2	PQ071408.D	21 Nov 2025 02:52	AR1260+1254+1248 Hit	YP\AJ	Ok,M
47	Q3672-16	C0AG3	PQ071409.D	21 Nov 2025 03:06	AR1260 hit	YP\AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PQ071410.D	21 Nov 2025 04:33		YP\AJ	Ok
49	I.BLK	I.BLK	PQ071411.D	21 Nov 2025 04:47		YP\AJ	Ok
50	Q3672-17	C0AG4	PQ071412.D	21 Nov 2025 05:02	AR1260 hit	YP\AJ	Ok
51	Q3672-18	C0AG5	PQ071413.D	21 Nov 2025 05:17		YP\AJ	Ok
52	Q3672-19	C0AK2	PQ071414.D	21 Nov 2025 05:31	AR1260+1254+1248 Hit	YP\AJ	Ok
53	AR1660CCC500	AR1660CCC500	PQ071415.D	21 Nov 2025 06:58		YP\AJ	Ok
54	I.BLK	I.BLK	PQ071416.D	21 Nov 2025 07:13		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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 100X	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
18	Q3674-04	C0AJ2	PQ071434.D	21 Nov 2025 14:42	AR1260 Hit,Need 10X	YP\AJ	Dilution

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

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
37	Q3693-02	C0AK5	PQ071453.D	21 Nov 2025 20:32	AR1260 Hit	YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

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
56	I.BLK	I.BLK	PQ071472.D	22 Nov 2025 05:32		YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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 hIt,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 hIt,Need more dilution	YP\AJ	Not Ok
17	Q3672-13DL	C0AG0DL	PQ071489.D	24 Nov 2025 16:29	AR1260 hIt,Need 2000X dilution	YP\AJ	Dilution
18	Q3674-03DL	C0AJ1DL	PQ071490.D	24 Nov 2025 16:43	AR1260 Hit	YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch 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	

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 hIt	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

Alliance TECHNICAL GROUP

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	C0AH4	29	1.16	10.72	11.88	9.65	79.2	
Q3673-10	C0AH5	30	1.14	10.99	12.13	10.08	81.3	
Q3673-11	C0AH6	31	1.18	10.12	11.3	9.56	82.8	
Q3673-12	C0AH7	32	1.16	10.54	11.7	10.09	84.7	
Q3673-13	C0AH8	33	1.14	10.34	11.48	9.4	79.9	
Q3674-01	C0AH9	34	1.15	10.30	11.45	9.74	83.4	
Q3674-02	C0AJ0	35	1.16	10.16	11.32	9.91	86.1	
Q3674-03	C0AJ1	36	1.13	10.81	11.94	10.28	84.6	
Q3674-04	C0AJ2	37	1.13	10.10	11.23	9.46	82.5	
Q3674-05	C0AJ3	38	1.13	10.36	11.49	9.92	84.8	
Q3674-06	C0AJ4	39	1.18	10.97	12.15	10.59	85.8	
Q3674-07	C0AJ5	40	1.2	10.82	12.02	10.29	84.0	
Q3674-08	C0AJ6	41	1.14	10.13	11.27	9.67	84.2	
Q3674-08D	C0AJ6DUP	42	1.15	10.15	11.3	9.69	84.1	
Q3674-09	C0AJ7	43	1.19	10.43	11.62	9.99	84.4	
Q3674-10	C0AJ8	44	1.19	10.08	11.27	9.69	84.3	
Q3674-11	C0AJ9	45	1.11	10.22	11.33	9.62	83.3	
Q3674-12	C0AK0	46	1.11	10.05	11.16	9.47	83.2	
Q3674-13	C0AK1	47	1.16	10.64	11.8	9.81	81.3	
Q3674-14	C0AK3	48	1.19	10.35	11.54	9.78	83.0	
Q3674-15	C0AK4	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	Concreate sample
Q3678-01	COMPOSITE-STONE	51	1.00	1.00	2.00	2.00	100.0	Concreate 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

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

Q3672-PCB

WORKLIST(Hardcopy Internal Chain)

JB 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
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

680 of 779

Date/Time 11-19-25 1525

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 11-19-25 1740

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

B37967

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 1351.25

Raw Sample Received by: TB (COC)

Raw Sample Relinquished by:

Date/Time 11.19.25 1740

Raw Sample Received by:

Raw Sample Relinquished by: TB (COC)

Q3672-PCB

WORKLIST(Hardcopy Internal Chain)

B7967

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	PSEG03	D41	11/19/2025	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	D11	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

682 of 779

Date/Time 11.19.25 1515

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 11.19.25 17:40

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170653

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 : 11/20/2025

Extraction Start Time : 09:44

Extraction End Date : 11/20/2025

Extraction End Time : 13:10

Concentration By: EH

Supervisor By : RUPESH

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

Standared 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	EP2655
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.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/25	RS (Ext Lab)	R Patel/PCB Lab
13:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170653

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 11/20/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170653BL	ABLK653	PCB	30.02	N/A	ritesh	Evelyn	10			U6-1
PB170653BS	ALCS653	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3672-01	C0AE4	PCB	30.08	N/A	ritesh	Evelyn	10			3
Q3672-01MS	C0AE4MS	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q3672-01MSD	C0AE4MSD	PCB	30.02	N/A	ritesh	Evelyn	10			5
Q3672-02	C0AE5	PCB	30.07	N/A	ritesh	Evelyn	10			6
Q3672-03	C0AE6	PCB	30.05	N/A	ritesh	Evelyn	10			U1-1
Q3672-04	C0AE7	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3672-05	C0AE8	PCB	30.01	N/A	ritesh	Evelyn	10			3
Q3672-06	C0AE9	PCB	30.06	N/A	ritesh	Evelyn	10			4
Q3672-07	C0AF0	PCB	30.09	N/A	ritesh	Evelyn	10			5
Q3672-08	C0AF1	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q3672-09	C0AF2	PCB	30.03	N/A	ritesh	Evelyn	10			U2-1
Q3672-10	C0AF7	PCB	30.08	N/A	ritesh	Evelyn	10			2
Q3672-11	C0AF8	PCB	30.05	N/A	ritesh	Evelyn	10			3
Q3672-12	C0AF9	PCB	30.03	N/A	ritesh	Evelyn	10			4
Q3672-13	C0AG0	PCB	30.07	N/A	ritesh	Evelyn	10			5
Q3672-14	C0AG1	PCB	30.02	N/A	ritesh	Evelyn	10			6
Q3672-15	C0AG2	PCB	30.06	N/A	ritesh	Evelyn	10			U3-1
Q3672-16	C0AG3	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q3672-17	C0AG4	PCB	30.04	N/A	ritesh	Evelyn	10			3
Q3672-18	C0AG5	PCB	30.08	N/A	ritesh	Evelyn	10			4
Q3672-19	C0AK2	PCB	30.06	N/A	ritesh	Evelyn	10			5

RS 11/20

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

Q3672-PCB

11/20/25 9:44

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3672 **WorkList ID :** 193243 **Department :** Extraction **Date :** 11-20-2025 08:46:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3672-01	C0AE4	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-02	C0AE5	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-03	C0AE6	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-04	C0AE7	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-05	C0AE8	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-06	C0AE9	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-07	C0AF0	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-08	C0AF1	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-09	C0AF2	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-10	C0AF7	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-11	C0AF8	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-12	C0AF9	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-13	C0AG0	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-14	C0AG1	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-15	C0AG2	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-16	C0AG3	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-17	C0AG4	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-18	C0AG5	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A
Q3672-19	C0AK2	Solid	PCB	Cool 4 deg C	TETR16	D51	11/17/2025	8082A

685 of 779

Date/Time 11/20/25 9:40
Raw Sample Received by: RJ (EXT lab)
Raw Sample Relinquished by:

Date/Time 11/20/25 10:15
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT. lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3672

Test : PCB

Prepbatch ID : PB170653,

Sequence ID/Qc Batch ID: pq112025,PQ112125,PQ112425,

Standard ID :
EP2655,EP2657,EP2660,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,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13789,P13833,P13879,P13881,P13885,P14240,W3112,W3177,W3234,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2660	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP25072	11/19/2025	05/19/2026	Abdul Mirza	None	None	Rahul Chavli 11/27/2025

FROM 1.00000ml of P14240 + 999.00000ml of E3982 = Final Quantity: 1000.000 ml

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
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

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

CHEMICAL RECEIPT LOG BOOK

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

Acetone
CMOS

avantor™ | J.T.Baker®

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

Certificate of Analysis

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

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

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

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

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

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

Test	Specification	Result

For Microelectronic Use

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

Michelle Bales
Sr. Manager, Quality Assurance

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

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

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375**)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_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 foreing 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

VWR® BDH® CHEMICALS

Certificate of Analysis

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	SiO2
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.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

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

avantor™ | J.T.Baker

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

Recieved on 7/30/25

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

E3962

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone,
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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

Certificate of Analysis

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

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

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

Recieved on 8/6/25

E 3963

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Page 1 of 1

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

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

E3972

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

Received on 10/29/25

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

E3982

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

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

avantor™ | J.T.Baker

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

recieved on 11/5/25
E3984

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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recien Date 8- 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_2SO_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 SO2)	≤ 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

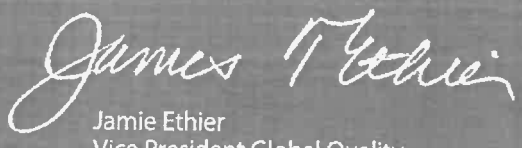
avantor™ | J.T.Baker®

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

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 286 1700

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

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:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
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

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

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

P11588 ↓ P11592 | 5

AR 04/30/2022

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

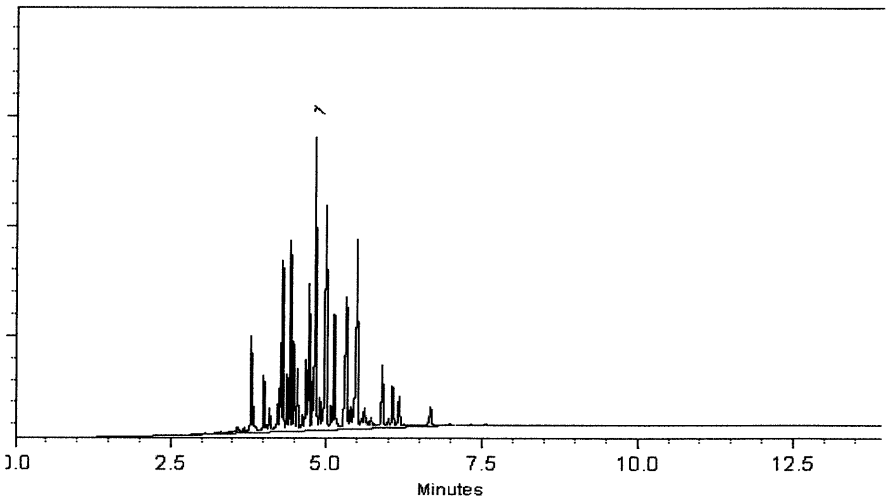
Carrier Gas:
helium-constant pressure 20 psi.

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 - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

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

P11588 | (5)
1
P11592

AR
04/30/22

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

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

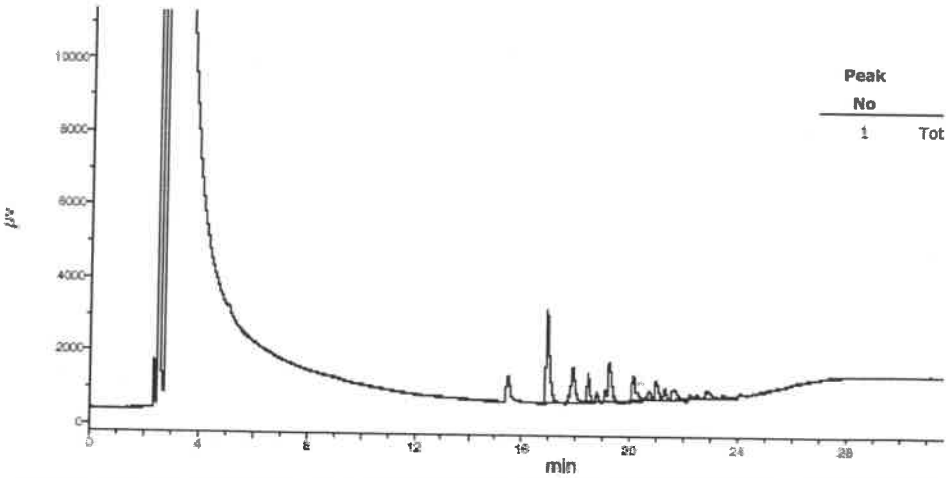
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ 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 Measure 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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

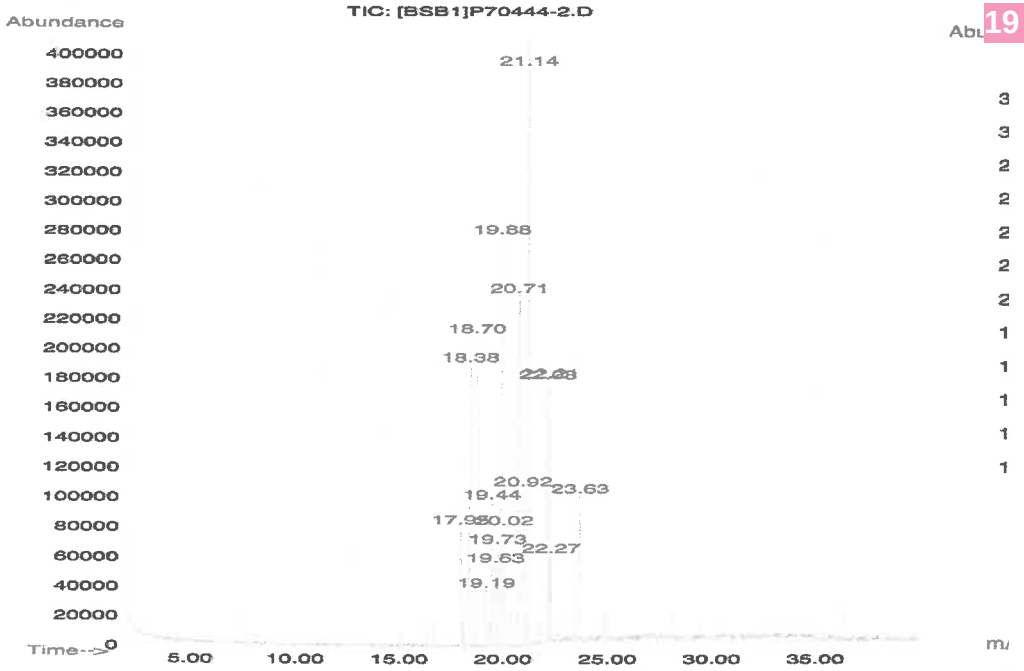
Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
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 thickn
min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

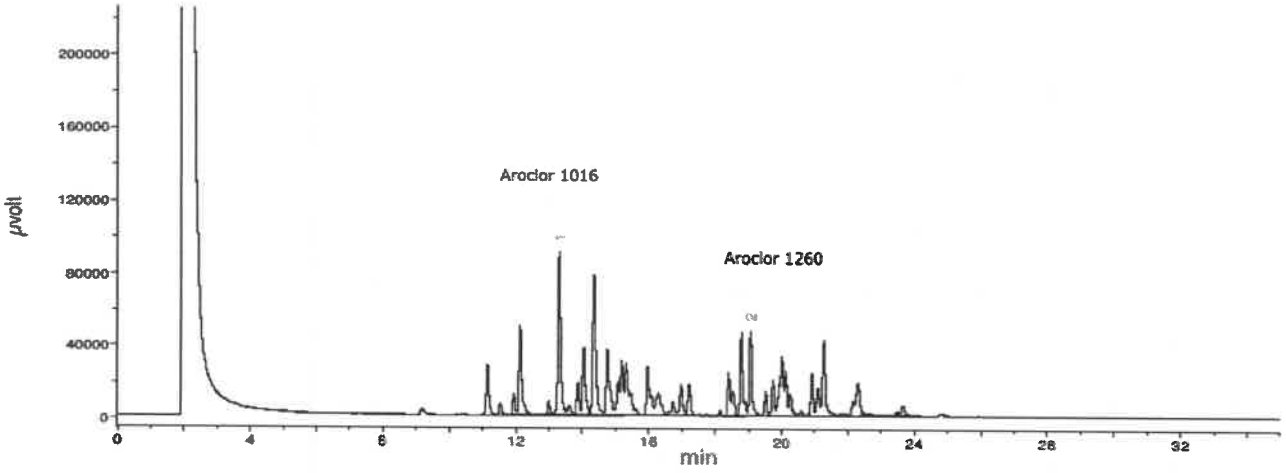
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

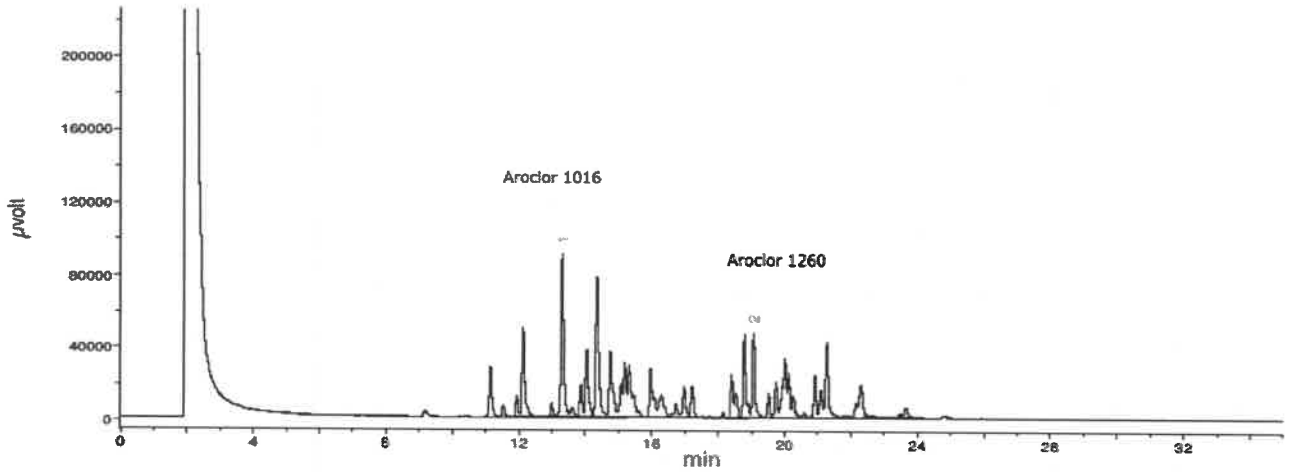
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
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	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y-P 12/20/23

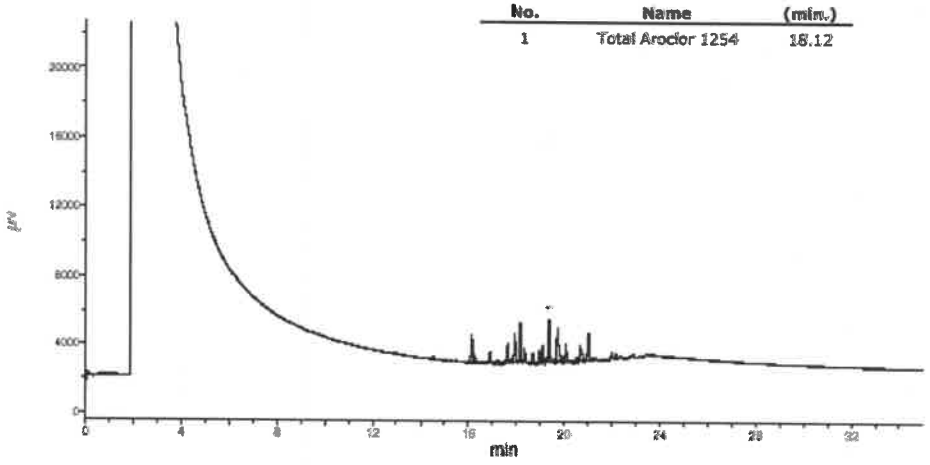
Note: Aroclor 1254 is a mix of isomers.

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 certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
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

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 (10)
↓
P13357

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

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:
hellum-constant pressure 20 psi.

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

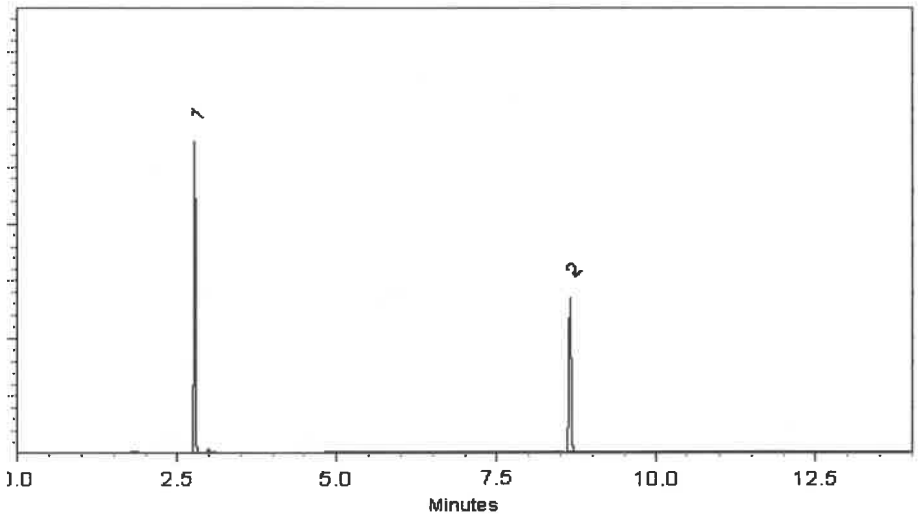
Inj. Temp:
250°C

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:** 22-Jan-2024 **Balance Serial #** 1128360905

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 (10)
↓
P13357
04/25/2025

RESTEK
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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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 (2)
P 13375 1

05/6/2024

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

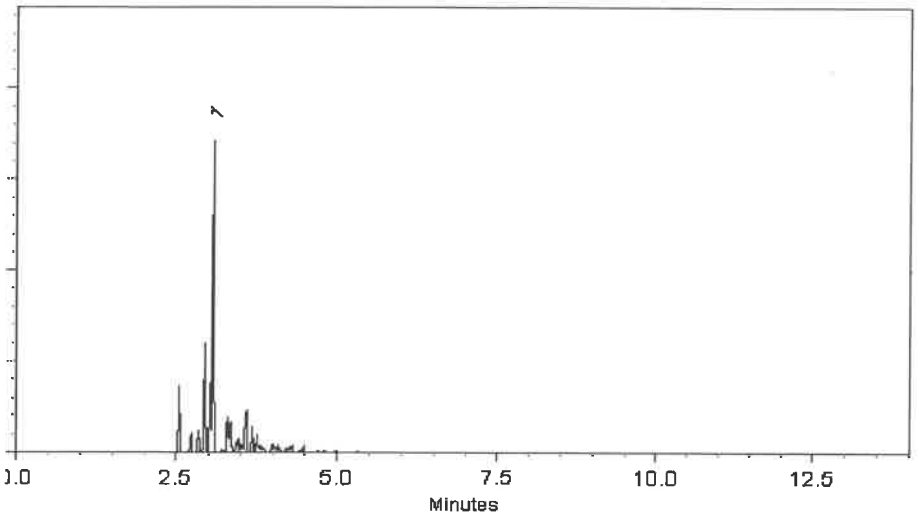
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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

P13374 (2)
↓
P13375

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 Concentration	Expanded Uncertainty	CAS#	Analyte Lot
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 ↓ P13590

AJ 10/14/24

CSD-QA-015.1

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

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
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

AJ 10/14/2024

Agilent

Trusted Answers

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

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

RESTEK
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

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32010 **Lot No.:** A0214733

Description : Aroclor® 1248 Standard

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

P13695
P13696
Y.P.
10/17/24

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

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

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

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 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.)

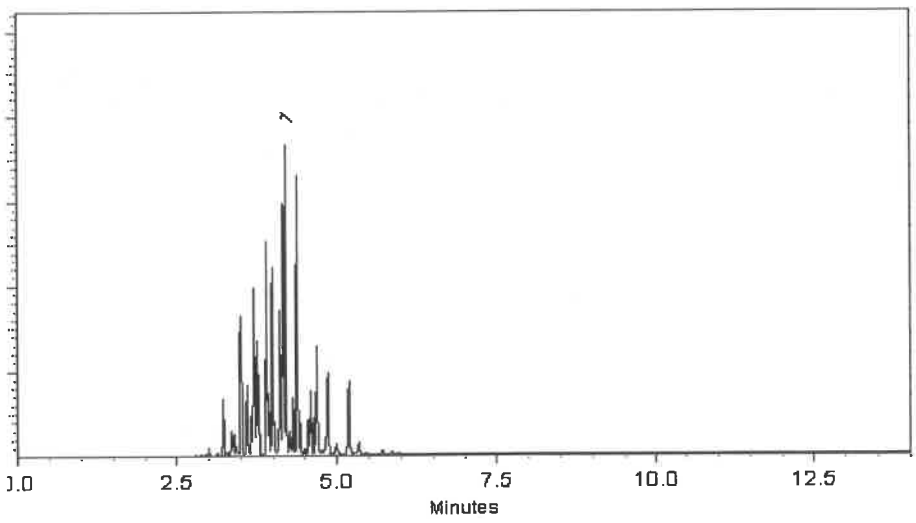
Inj. Temp:
250°C

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:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

RESTEK
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

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32039 **Lot No.:** 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.)

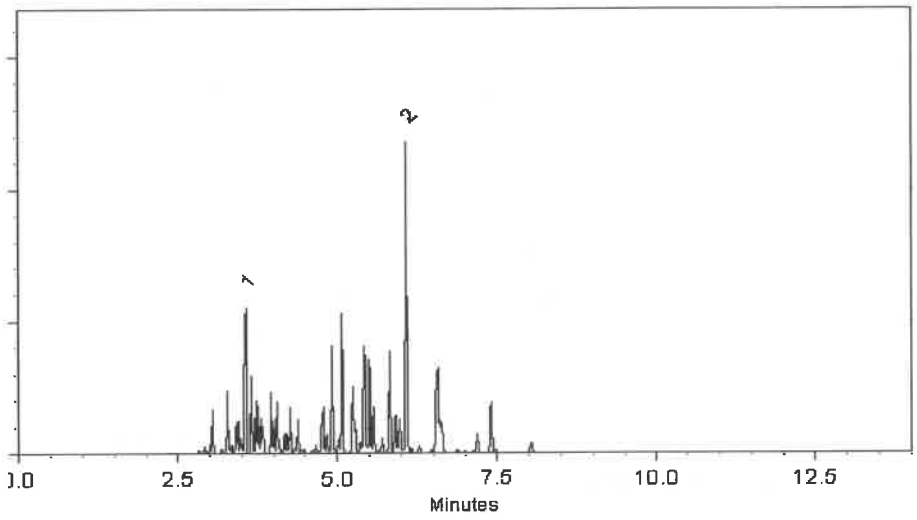
Inj. Temp:
250°C

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:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32009 **Lot No.:** A0210232

Description : Aroclor® 1242 Standard

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

P13706
P13707
Y.P. 10/17/24

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

Expiration Date : July 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 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.)

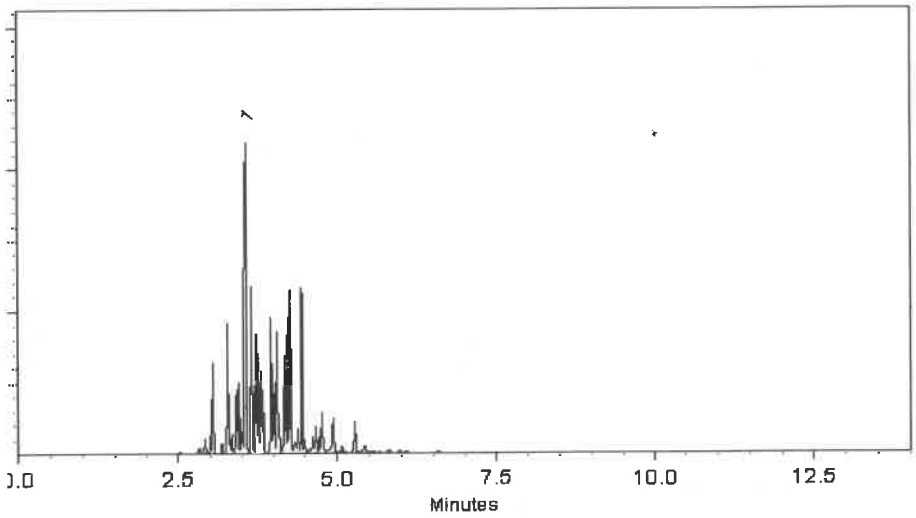
Inj. Temp:
250°C

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:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

RESTEK
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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.)

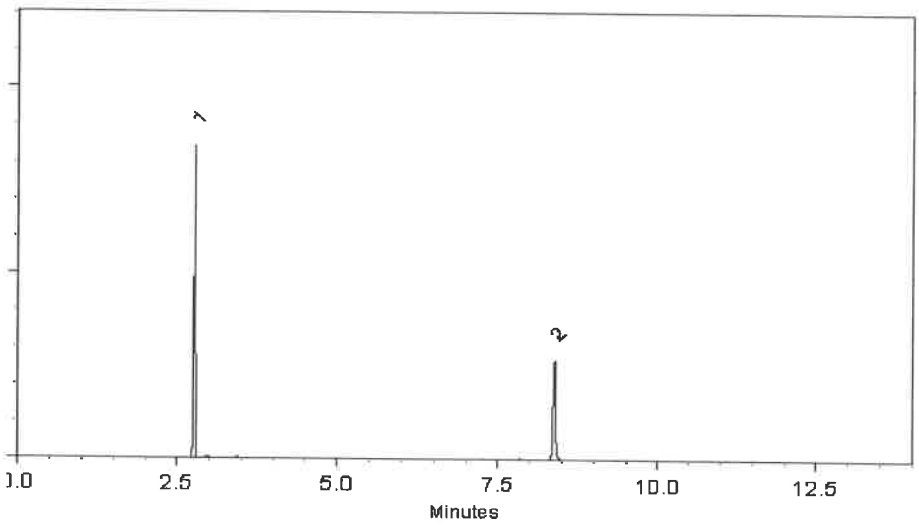
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

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

RESTEK
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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.)

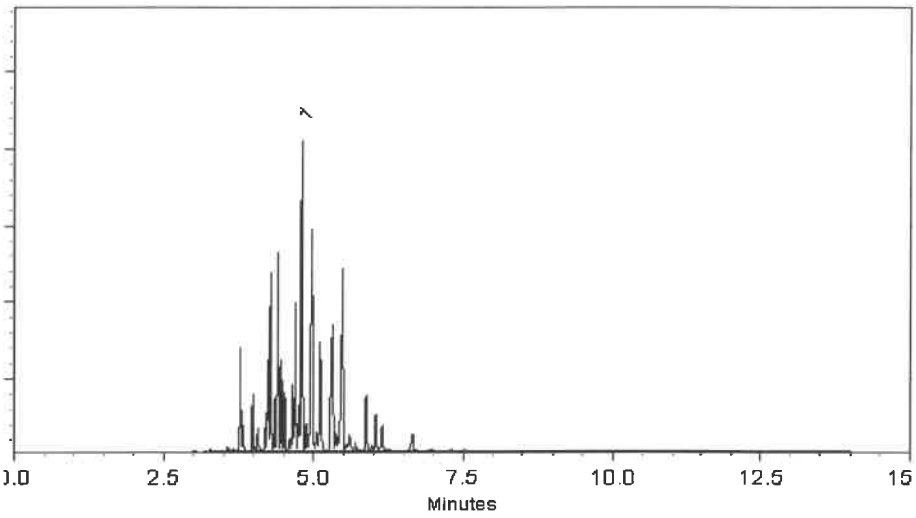
Inj. Temp:
250°C

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 - Operations Tech I **Date Mixed:** 02-Oct-2024 **Balance Serial #** C322230531

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

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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
↓
P13880

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.)

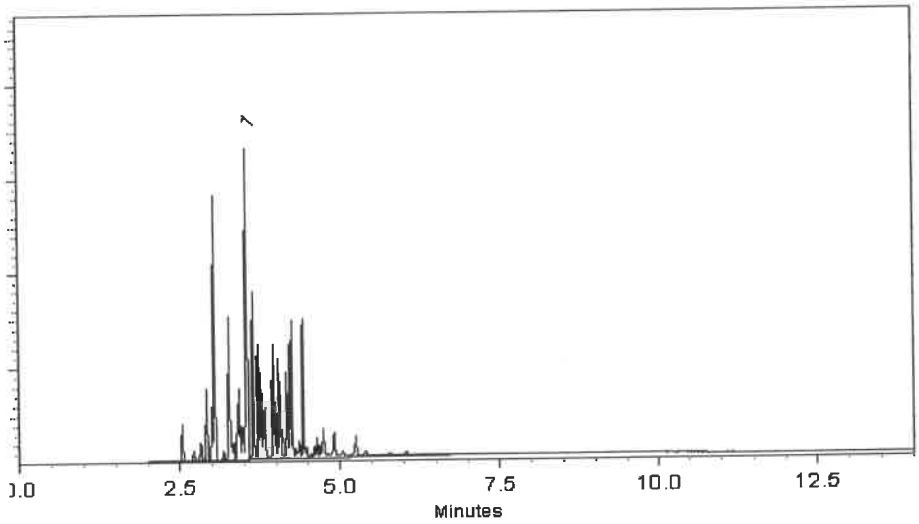
Inj. Temp:
250°C

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 - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

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

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.)

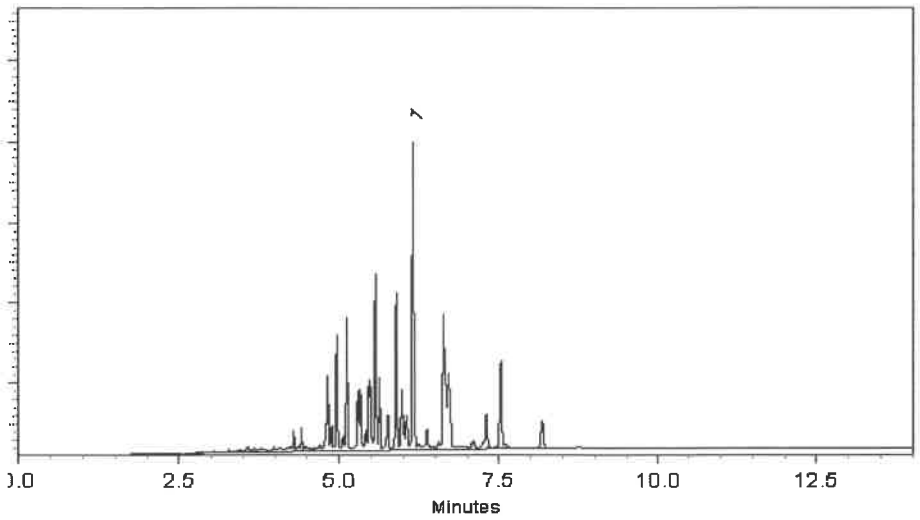
Inj. Temp:
250°C

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

RESTEK
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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.)

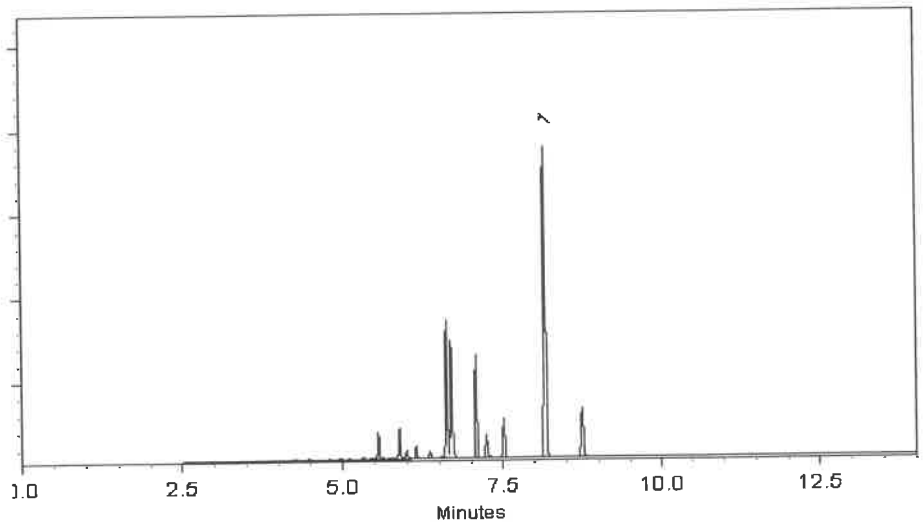
Inj. Temp:
250°C

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

avantor™ | J.T.Baker®

W3147
W3147 update: 02/03/2025 JP

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

Certificate of Analysis

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

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

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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

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

SHIPPING DOCUMENTS

Q3672

USEPA CLP COC (LAB COPY)
DateShipped: 11/18/2025
CarrierName: FedEx
AirbillNo: 8861 5500 2043

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111825-105948-0009
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)-A5-20251117	C0AE4	Soil/ START	Composite	PCB(3)	1155 (Cool to 6C) (1)	DU09 A5	11/17/2025 10:45	
BSA-DU09-CS(0-10)-A6-20251117	C0AE5	Soil/ START	Composite	PCB(3)	1156 (Cool to 6C) (1)	DU09 A6	11/17/2025 10:59	
BSA-DU09-CS(0-10)-A7-20251117	C0AE6	Soil/ START	Composite	PCB(3)	1157 (Cool to 6C) (1)	DU09 A7	11/17/2025 11:20	
BSA-DU09-CS(0-10)-A8-20251117	C0AE7	Soil/ START	Composite	PCB(3)	1158 (Cool to 6C) (1)	DU09 A8	11/17/2025 11:30	
BSA-DU09-CS(0-10)-A9-20251117	C0AE8	Soil/ START	Composite	PCB(3)	1159 (Cool to 6C) (1)	DU09 A9	11/17/2025 11:35	
BSA-DU09-CS(0-10)-A10-20251117	C0AE9	Soil/ START	Composite	PCB(3)	1160 (Cool to 6C) (1)	DU09 A10	11/17/2025 11:42	
BSA-DU09-CS(0-10)-A11-20251117	C0AF0	Soil/ START	Composite	PCB(3)	1161 (Cool to 6C) (1)	DU09 A11	11/17/2025 11:45	
BSA-DU09-CS(0-10)-A12-20251117	C0AF1	Soil/ START	Composite	PCB(3)	1162 (Cool to 6C) (1)	DU09 A12	11/17/2025 11:50	

Special Instructions: DU09 A and B partials	**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 Lewis/START	11/18/2025 1445		11/19/25 10:33	IR Gun #1 2.1°C

Q3672

USEPA CLP COC (LAB COPY)
DateShipped: 11/18/2025
CarrierName: FedEx
AirbillNo: 8861 5500 2043

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111825-105948-0009
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)-A13-20251117	C0AF2	Soil/ START	Composite	PCB(3)	1163 (Cool to 6C) (1)	DU09 A13	11/17/2025 11:55	
BSA-DU09-CS(0-10)-B5-20251117	C0AF7	Soil/ START	Composite	PCB(3)	1168 (Cool to 6C) (1)	DU09 B5	11/17/2025 12:01	
BSA-DU09-CS(0-10)-B6-20251117	C0AF8	Soil/ START	Composite	PCB(3)	1169 (Cool to 6C) (1)	DU09 B6	11/17/2025 12:13	
BSA-DU09-CS(0-10)-B7-20251117	C0AF9	Soil/ START	Composite	PCB(3)	1170 (Cool to 6C) (1)	DU09 B7	11/17/2025 13:35	
BSA-DU09-CS(0-10)-B8-20251117	C0AG0	Soil/ START	Composite	PCB(3)	1171 (Cool to 6C) (1)	DU09 B8	11/17/2025 14:00	
BSA-DU09-CS(0-10)-B9-20251117	C0AG1	Soil/ START	Composite	PCB(3)	1172 (Cool to 6C) (1)	DU09 B9	11/17/2025 14:10	
BSA-DU09-CS(0-10)-B10-20251117	C0AG2	Soil/ START	Composite	PCB(3)	1173 (Cool to 6C) (1)	DU09 B10	11/17/2025 14:13	
BSA-DU09-CS(0-10)-B11-20251117	C0AG3	Soil/ START	Composite	PCB(3)	1174 (Cool to 6C) (1)	DU09 B11	11/17/2025 14:25	

Special Instructions: DU09 A and B partials

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	[signature] / START	11/18/25 1445	[signature]	11/19/25 10:33	IR Gun #1 2.1°C

Q3672

USEPA CLP COC (LAB COPY)
DateShipped: 11/18/2025
CarrierName: FedEx
AirbillNo: 8861 5500 2043

CHAIN OF CUSTODY RECORD

DAS #: R37108
Cooler #:

No: 3-111825-105948-0009
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)-B12-20251117	C0AG4	Soil/ START	Composite	PCB(3)	1175 (Cool to 6C) (1)	DU09 B12	11/17/2025 14:30	
BSA-DU09-CS(0-10)-B13-20251117	C0AG5	Soil/ START	Composite	PCB(3)	1176 (Cool to 6C) (1)	DU09 B13	11/17/2025 14:35	
BSA-DU09-CS(0-10)-B5-DUP-20251117	C0AK2	Soil/ START	Composite	PCB(3)	1203 (Cool to 6C) (1)	QC	11/17/2025 12:00	

Special Instructions: DU09 A and B partials

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	[signature] / START	11/18/25 1445	[signature]	10:33 11/19/25	Ice-Cool #1 2.1°C

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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