

## Cover Page

**Order ID :** Q3395

**Project ID :** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

**Client :** AECOM

### Lab Sample Number

Q3395-01  
Q3395-02  
Q3395-03  
Q3395-04  
Q3395-05  
Q3395-06  
Q3395-07

### Client Sample Number

PR132-S09-000051-20251017  
PR132-S07-000102-20251017  
PR132-S07-000102-20251017MS  
PR132-S07-000102-20251017MSD  
PR132-S07-102116-20251017  
PR132-COMP03-2025-20251017  
PR132-S08-038048-20251017

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 : \_\_\_\_\_

Date: 10/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

### **AECOM**

**Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206**

**Project # N/A**

**Order ID # Q3395**

**Test Name: PCB**

### **A. Number of Samples and Date of Receipt:**

6 Solid samples were received on 10/17/2025.

### **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.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

### **E. Additional Comments:**

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

### **F. Manual Integration Comments:**

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

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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



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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\_\_\_\_\_

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



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q3395

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.<br><br>The Initial Calibration met the requirements.<br><br>The Continuous Calibration met the requirements.                                                                                                    |    |    | ✓   |
| 4. Blank Contamination - If yes, list compounds and concentrations in each blank:                                                                                                                                                                                                                                                                                                                             |    | ✓  |     |
| 5. Surrogate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.                                                                                                                                                                                                                                                                  |    |    | ✓   |
| 6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br><br>The MS recoveries met the requirements for all compounds.<br><br>The MSD recoveries met the requirements for all compounds.<br><br>The Blank Spike met requirements for all compounds.<br><br>The RPD were met for all analysis. |    |    | ✓   |
| 7. Retention Time Shift Meet Criteria (if applicable)<br><br>Comments:                                                                                                                                                                                                                                                                                                                                        |    |    | ✓   |
| 8. Extraction Holding Time Met<br><br>If not met, list number of days exceeded for each sample:                                                                                                                                                                                                                                                                                                               |    |    | ✓   |
| 9. Analysis Holding Time Met<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.                                                                                                                                                                                                                                                                            |    |    | ✓   |



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

NA NO YES

ADDITIONAL COMMENTS:

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

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3395

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/30/2025

## LAB CHRONICLE

|                 |              |                   |                                                  |
|-----------------|--------------|-------------------|--------------------------------------------------|
| <b>OrderID:</b> | Q3395        | <b>OrderDate:</b> | 10/17/2025 4:25:00 PM                            |
| <b>Client:</b>  | AECOM        | <b>Project:</b>   | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |
| <b>Contact:</b> | Rob Forstner | <b>Location:</b>  | D31,VOA Ref. #2 Soil                             |

| LabID           | ClientID                               | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|----------------------------------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3395-01</b> | <b>PR132-S09-000051-2<br/>0251017</b>  | <b>SOIL</b> |               |        | <b>10/17/25</b> |           |           | <b>10/17/25</b> |
|                 |                                        |             | PCB           | 8082A  |                 | 10/23/25  | 10/23/25  |                 |
|                 |                                        |             | Pesticide-TCL | 8081B  |                 | 10/23/25  | 10/23/25  |                 |
| <b>Q3395-02</b> | <b>PR132-S07-000102-2<br/>0251017</b>  | <b>SOIL</b> |               |        | <b>10/17/25</b> |           |           | <b>10/17/25</b> |
|                 |                                        |             | PCB           | 8082A  |                 | 10/23/25  | 10/23/25  |                 |
|                 |                                        |             | Pesticide-TCL | 8081B  |                 | 10/23/25  | 10/23/25  |                 |
| <b>Q3395-05</b> | <b>PR132-S07-102116-2<br/>0251017</b>  | <b>SOIL</b> |               |        | <b>10/17/25</b> |           |           | <b>10/17/25</b> |
|                 |                                        |             | PCB           | 8082A  |                 | 10/23/25  | 10/23/25  |                 |
|                 |                                        |             | Pesticide-TCL | 8081B  |                 | 10/23/25  | 10/23/25  |                 |
| <b>Q3395-06</b> | <b>PR132-COMP03-2025-<br/>20251017</b> | <b>SOIL</b> |               |        | <b>10/17/25</b> |           |           | <b>10/17/25</b> |
|                 |                                        |             | PCB           | 8082A  |                 | 10/23/25  | 10/23/25  |                 |
|                 |                                        |             | Pesticide-TCL | 8081B  |                 | 10/23/25  | 10/23/25  |                 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3395

**Order ID:** Q3395

**Client:** AECOM

**Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC

| Sample ID                             | Client ID           | Matrix | Parameter    | Concentration | C | MDL  | RDL  | Units |
|---------------------------------------|---------------------|--------|--------------|---------------|---|------|------|-------|
| Client ID : PR132-S09-000051-20251017 |                     |        |              |               |   |      |      |       |
| Q3395-01                              | PR132-S09-000051-2( | SOIL   | Aroclor-1242 | 53.1          |   | 7.60 | 32.1 | ug/kg |
| Q3395-01                              | PR132-S09-000051-2( | SOIL   | Aroclor-1254 | 23.2          | J | 6.10 | 32.1 | ug/kg |
| Total Concentration:                  |                     |        |              | 76.300        |   |      |      |       |
| Client ID : PR132-S07-000102-20251017 |                     |        |              |               |   |      |      |       |
| Q3395-02                              | PR132-S07-000102-2( | SOIL   | Aroclor-1254 | 26.3          | J | 6.70 | 35.4 | ug/kg |
| Total Concentration:                  |                     |        |              | 26.300        |   |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: **Q3395**

Client: **AECOM**

Analytical Method: **8082A**

| Lab Sample ID    | Client ID                   | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|-----------------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                             |                   |        |       |        |             |      | Low       | High |
| I.BLK-PQ070972.D | PIBLK-PQ070972.D            | Tetrachloro-m-xyl | 1      | 20    | 18.3   | 91          |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 19.0   | 95          |      | 60        | 140  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 19.1   | 96          |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 19.4   | 97          |      | 60        | 140  |
| I.BLK-PQ071102.D | PIBLK-PQ071102.D            | Tetrachloro-m-xyl | 1      | 20    | 20.6   | 103         |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 23.2   | 116         |      | 60        | 140  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 19.1   | 95          |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 22.9   | 114         |      | 60        | 140  |
| PB170227BL       | PB170227BL                  | Tetrachloro-m-xyl | 1      | 20    | 24.4   | 122         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 27.7   | 138         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 22.8   | 114         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 26.7   | 134         |      | 32        | 175  |
| Q3395-01         | PR132-S09-000051-20251017   | Tetrachloro-m-xyl | 1      | 20    | 24.2   | 121         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 22.5   | 113         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 22.9   | 115         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 21.8   | 109         |      | 32        | 175  |
| Q3395-02         | PR132-S07-000102-20251017   | Tetrachloro-m-xyl | 1      | 20    | 24.0   | 120         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 24.6   | 123         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 19.0   | 95          |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 22.9   | 114         |      | 32        | 175  |
| Q3395-03MS       | PR132-S07-000102-20251017MS | Tetrachloro-m-xyl | 1      | 20    | 26.2   | 131         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 29.6   | 148         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 22.4   | 112         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 27.5   | 138         |      | 32        | 175  |
| Q3395-04MSD      | PR132-S07-000102-20251017MS | Tetrachloro-m-xyl | 1      | 20    | 26.3   | 131         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 29.8   | 149         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 22.1   | 110         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 27.6   | 138         |      | 32        | 175  |
| Q3395-05         | PR132-S07-102116-20251017   | Tetrachloro-m-xyl | 1      | 20    | 26.8   | 134         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 29.4   | 147         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 24.9   | 124         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 27.6   | 138         |      | 32        | 175  |
| Q3395-06         | PR132-COMP03-2025-20251017  | Tetrachloro-m-xyl | 1      | 20    | 25.4   | 127         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 23.6   | 118         |      | 32        | 175  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 23.6   | 118         |      | 32        | 144  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 22.7   | 114         |      | 32        | 175  |
| I.BLK-PQ071117.D | PIBLK-PQ071117.D            | Tetrachloro-m-xyl | 1      | 20    | 20.7   | 104         |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 1      | 20    | 23.6   | 118         |      | 60        | 140  |
|                  |                             | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 97          |      | 60        | 140  |
|                  |                             | Decachlorobiphen  | 2      | 20    | 23.0   | 115         |      | 60        | 140  |
| I.BLK-PQ071120.D | PIBLK-PQ071120.D            | Tetrachloro-m-xyl | 1      | 20    | 20.3   | 101         |      | 60        | 140  |

### Surrogate Summary

SDG No.: Q3395

Client: AECOM

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PQ071120.D | PIBLK-PQ071120.D | Decachlorobiphen  | 1      | 20    | 23.2   | 116         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.0   | 90          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.9   | 110         |      | 60        | 140  |
| PB170227BS       | PB170227BS       | Tetrachloro-m-xyl | 1      | 20    | 22.2   | 111         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 25.4   | 127         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.1   | 91          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 23.8   | 119         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 20.8   | 104         |      | 60        | 140  |
| I.BLK-PQ071128.D | PIBLK-PQ071128.D | Decachlorobiphen  | 1      | 20    | 24.2   | 121         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.4   | 92          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 22.9   | 115         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 20.8   | 104         |      | 60        | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |              |                           |                   |
|-----------------|--------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3395</u> | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>AECOM</u> | <b>DataFile :</b>         | <u>PQ071107.D</u> |

|                | Parameter  | Spike             | Sample |                          | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|----------------|------------|-------------------|--------|--------------------------|-------|-----|------|-----|------|-----|--------|-----|
|                |            |                   | Result | Result                   |       |     | Qual | RPD | Qual | Low | High   | RPD |
| Lab Sample ID: | Q3395-03MS | Client Sample ID: |        | PR132-S07-000102-2025101 |       |     |      |     |      |     |        |     |
|                | (Column 1) |                   |        |                          |       |     |      |     |      |     |        |     |
|                | AR1016     | 347.7             | 0      | 351                      | ug/kg | 101 |      |     |      | 55  | 146    |     |
|                | AR1260     | 347.7             | 0      | 332                      | ug/kg | 95  |      |     |      | 54  | 119    |     |
| Lab Sample ID: | Q3395-03MS | Client Sample ID: |        | PR132-S07-000102-2025101 |       |     |      |     |      |     |        |     |
|                | (Column 2) |                   |        |                          |       |     |      |     |      |     |        |     |
|                | AR1016     | 347.7             | 0      | 289                      | ug/kg | 83  |      |     |      | 55  | 146    |     |
|                | AR1260     | 347.7             | 0      | 275                      | ug/kg | 79  |      |     |      | 54  | 119    |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |              |                           |                   |
|-----------------|--------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3395</u> | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>AECOM</u> | <b>DataFile :</b>         | <u>PQ071108.D</u> |

|                       | Parameter                         | Spike                                             | Sample<br>Result | Result | Units | Rec<br>Qual | RPD<br>Qual | Low | Limits<br>High | RPD |
|-----------------------|-----------------------------------|---------------------------------------------------|------------------|--------|-------|-------------|-------------|-----|----------------|-----|
| <b>Lab Sample ID:</b> | <b>Q3395-04MSD<br/>(Column 1)</b> | <b>Client Sample ID: PR132-S07-000102-2025101</b> |                  |        |       |             |             |     |                |     |
|                       | AR1016                            | 347.1                                             | 0                | 352    | ug/kg | 101         | 0           | 55  | 146            | 15  |
|                       | AR1260                            | 347.1                                             | 0                | 330    | ug/kg | 95          | 0           | 54  | 119            | 15  |
| <b>Lab Sample ID:</b> | <b>Q3395-04MSD<br/>(Column 2)</b> | <b>Client Sample ID: PR132-S07-000102-2025101</b> |                  |        |       |             |             |     |                |     |
|                       | AR1016                            | 347.1                                             | 0                | 293    | ug/kg | 84          | 1           | 55  | 146            | 15  |
|                       | AR1260                            | 347.1                                             | 0                | 272    | ug/kg | 78          | 1           | 54  | 119            | 15  |



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**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |              |                           |                   |
|-----------------|--------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3395</u> | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>AECOM</u> | <b>Datafile :</b>         | <u>PQ071123.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual |     | High   |     |
| PB170227BS<br>(Column 1) | AR1016    | 166.5 | 178    | ug/kg | 107 |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.5 | 181    | ug/kg | 109 |     |      |      | 65  | 130    |     |
| PB170227BS<br>(Column 2) | AR1016    | 166.5 | 144    | ug/kg | 86  |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.5 | 145    | ug/kg | 87  |     |      |      | 65  | 130    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170227BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3395

Lab Sample ID: PB170227BL

Lab File ID: PQ071103.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/23/2025

Date Analyzed (1): 10/23/2025

Date Analyzed (2): 10/23/2025

Time Analyzed (1): 14:50

Time Analyzed (2): 14:50

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<br>SAMPLE NO.            | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|------------------------------|------------------|----------------|--------------------|--------------------|
| PR132-S09-000051-20251017    | Q3395-01         | PQ071105.D     | 10/23/2025         | 10/23/2025         |
| PR132-S07-000102-20251017    | Q3395-02         | PQ071106.D     | 10/23/2025         | 10/23/2025         |
| PR132-S07-000102-20251017MS  | Q3395-03MS       | PQ071107.D     | 10/23/2025         | 10/23/2025         |
| PR132-S07-000102-20251017MSD | Q3395-04MSD      | PQ071108.D     | 10/23/2025         | 10/23/2025         |
| PR132-S07-102116-20251017    | Q3395-05         | PQ071109.D     | 10/23/2025         | 10/23/2025         |
| PR132-COMP03-2025-20251017   | Q3395-06         | PQ071110.D     | 10/23/2025         | 10/23/2025         |
| PB170227BS                   | PB170227BS       | PQ071123.D     | 10/24/2025         | 10/24/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |
| Client Sample ID:  | PR132-S09-000051-20251017                        |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | Q3395-01                                         |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 52.9     |
| Sample Wt/Vol:     | 30.06 g                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                                          | Prep Date  | 10/23/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 32.1  | U    | 1  | 7.50     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 32.1  | U    | 1  | 7.60     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 32.1  | U    | 1  | 7.00     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 53.1  |      | 1  | 7.60     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 32.1  | U    | 1  | 11.2     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 23.2  | J    | 1  | 6.10     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 32.1  | U    | 1  | 9.50     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 32.1  | U    | 1  | 6.80     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 32.1  | U    | 1  | 6.10     | 32.1       | ug/kg   | 10/23/25 15:19 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 24.2  |      |    | 32 - 144 | 121%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 22.5  |      |    | 32 - 175 | 113%       | 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\PQ102325\  
 Data File : PQ071105.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 15:19  
 Operator : YP\AJ  
 Sample : Q3395-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PR132-S09-000051-20251017

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:39:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.777 | 105.3E6  | 116.3E6  | 24.204  | 22.895   |
| 2)                          | SA Decachlor... | 8.498 | 7.532 | 65365968 | 110.1E6  | 22.509  | 21.810   |
|                             |                 |       |       |          |          |         |          |
| Target Compounds            |                 |       |       |          |          |         |          |
| 16)                         | L4 AR-1242-1    | 4.481 | 3.777 | 7915332  | 10633643 | 66.542  | 65.292   |
| 17)                         | L4 AR-1242-2    | 4.499 | 3.792 | 18287084 | 18831248 | 95.888  | 78.017   |
| 18)                         | L4 AR-1242-3    | 4.556 | 3.952 | 5021133  | 9140161  | 42.231  | 69.338 # |
| 19)                         | L4 AR-1242-4    | 4.645 | 4.037 | 8837877  | 11815040 | 88.773  | 103.126  |
| 20)                         | L4 AR-1242-5    | 5.352 | 4.532 | 9282345  | 18466269 | 117.913 | 106.043  |
| 26)                         | L6 AR-1254-1    | 5.291 | 4.532 | 9312994  | 18466269 | 47.448  | 54.762   |
| 27)                         | L6 AR-1254-2    | 5.503 | 4.677 | 12086036 | 12100930 | 41.607  | 40.723   |
| 28)                         | L6 AR-1254-3    | 5.855 | 5.059 | 10594543 | 14632771 | 34.487  | 31.329   |
| 29)                         | L6 AR-1254-4    | 6.135 | 5.284 | 5385134  | 8635033  | 24.529  | 29.246   |
| 30)                         | L6 AR-1254-5    | 6.543 | 5.688 | 7763895  | 12073201 | 33.480  | 28.722   |
| -----                       |                 |       |       |          |          |         |          |

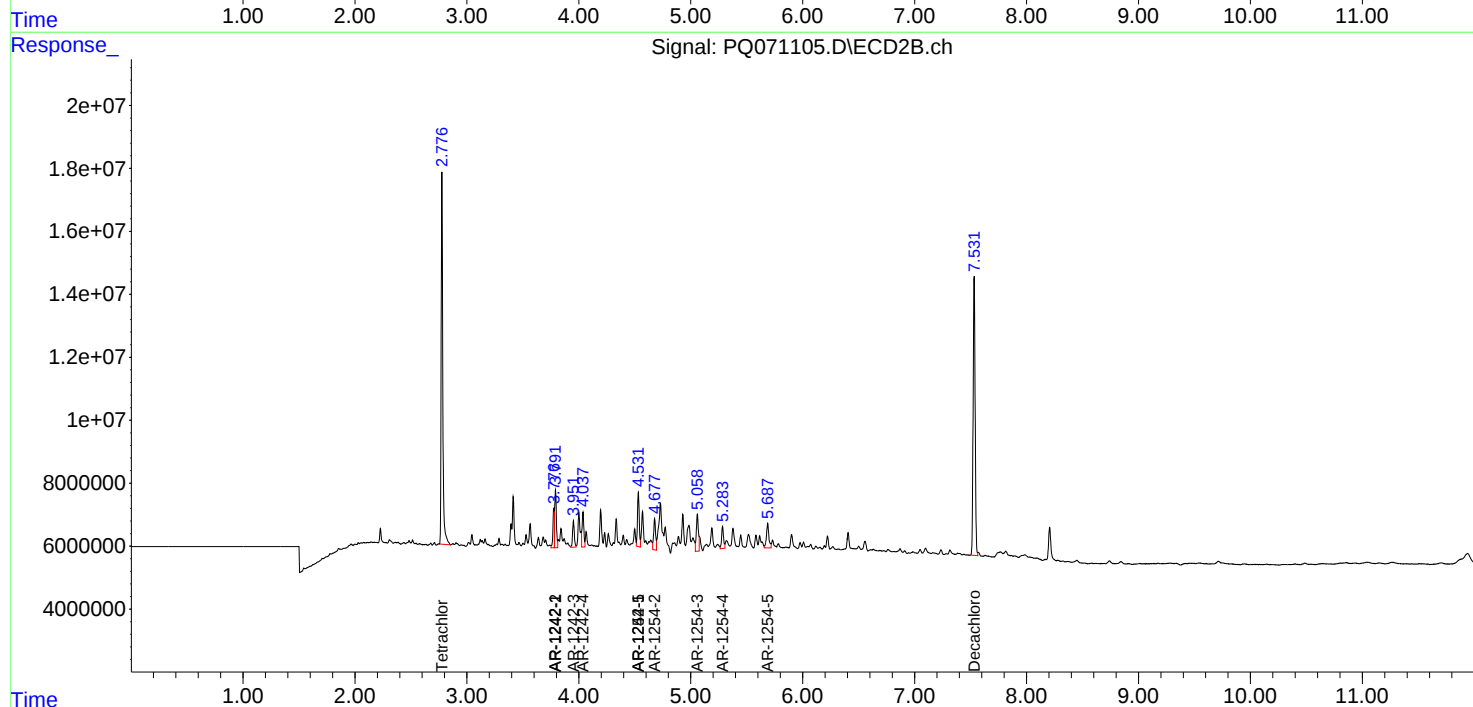
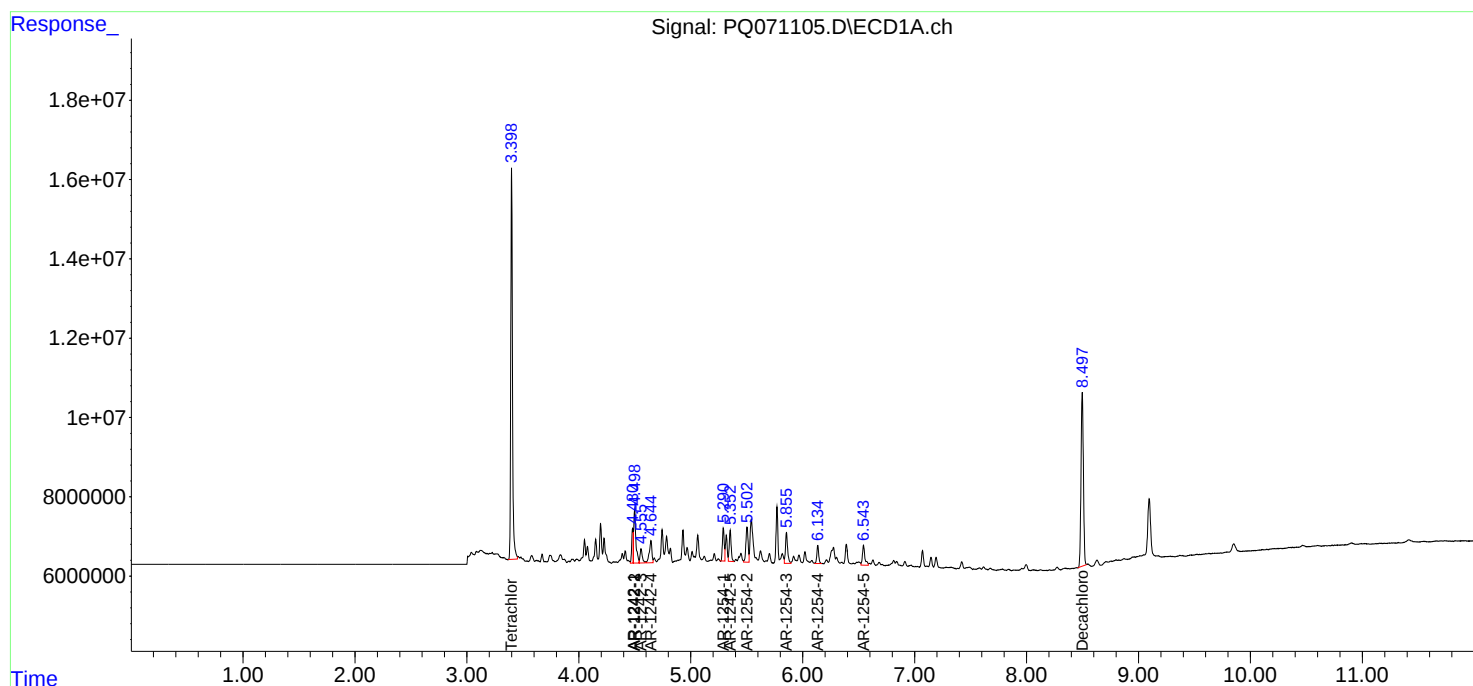
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

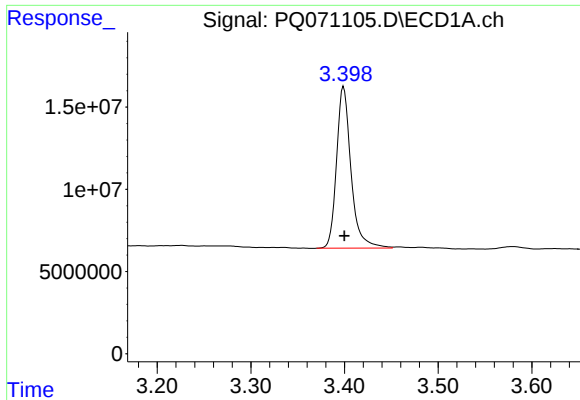
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071105.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 15:19  
Operator : YP\AJ  
Sample : Q3395-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:39:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

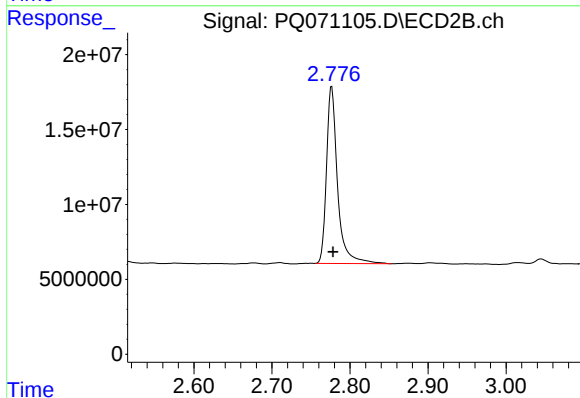




## #1 Tetrachloro-m-xylene

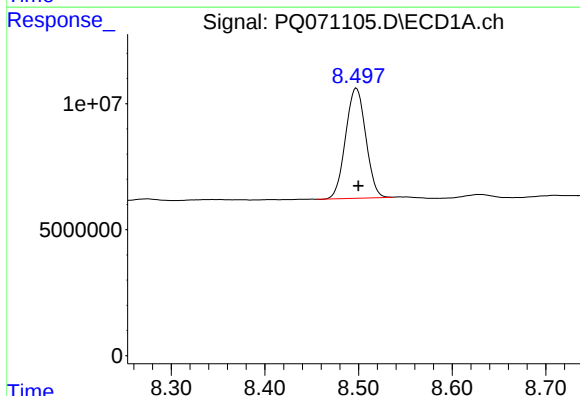
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 105292459  
Conc: 24.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



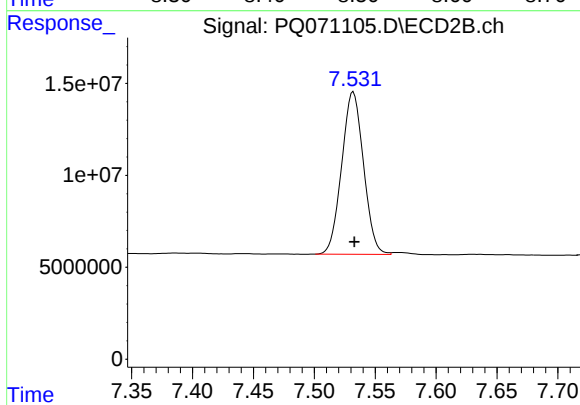
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: -0.002 min  
Response: 116309501  
Conc: 22.90 ng/ml



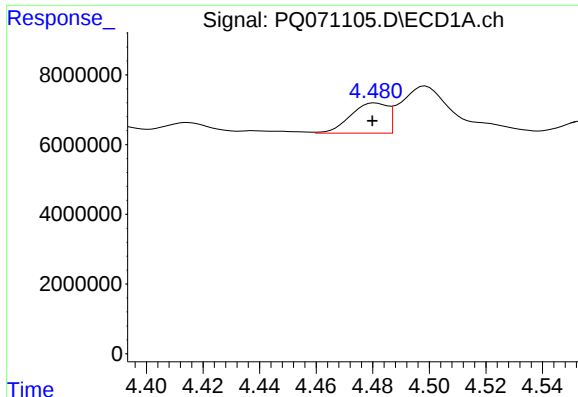
## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 65365968  
Conc: 22.51 ng/ml



## #2 Decachlorobiphenyl

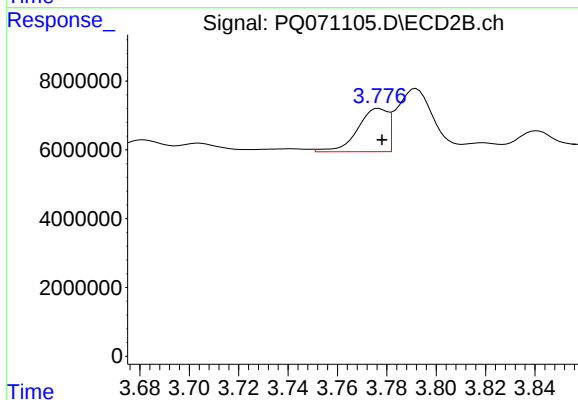
R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 110129814  
Conc: 21.81 ng/ml



#16 AR-1242-1

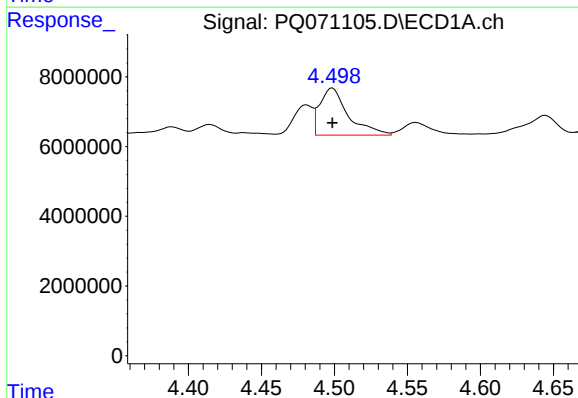
R.T.: 4.481 min  
Delta R.T.: 0.001 min  
Response: 7915332  
Conc: 66.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



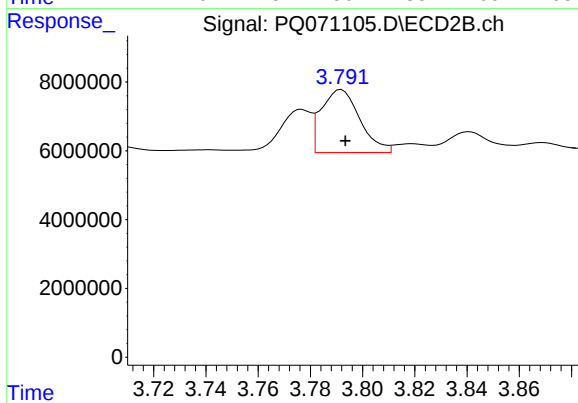
#16 AR-1242-1

R.T.: 3.777 min  
Delta R.T.: -0.001 min  
Response: 10633643  
Conc: 65.29 ng/ml



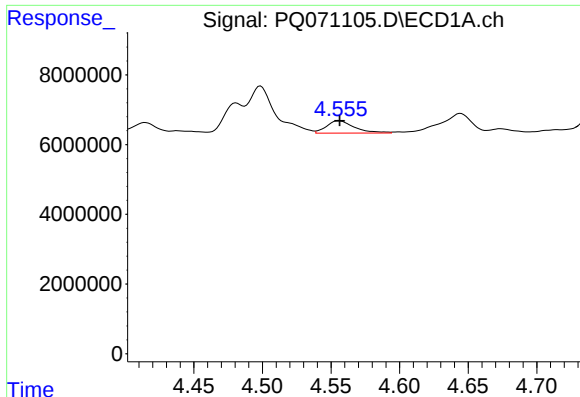
#17 AR-1242-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 18287084  
Conc: 95.89 ng/ml



#17 AR-1242-2

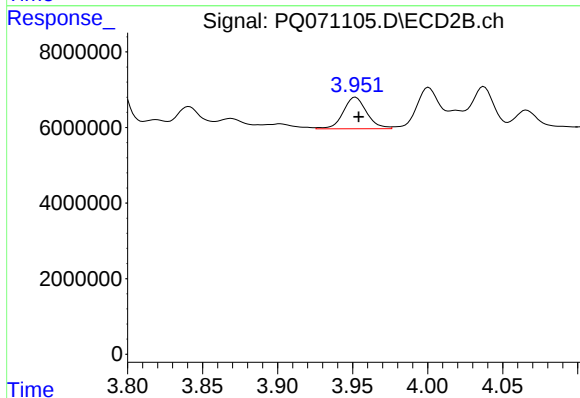
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 18831248  
Conc: 78.02 ng/ml



#18 AR-1242-3

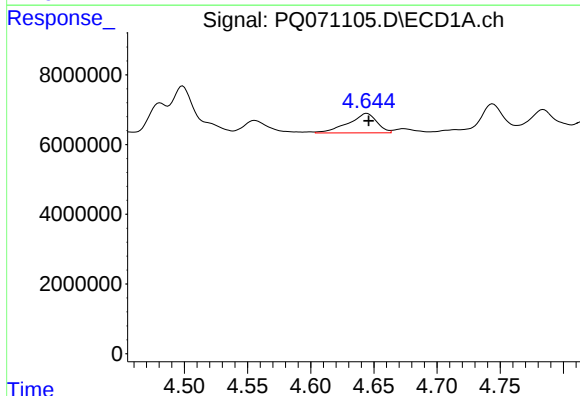
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 5021133  
Conc: 42.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



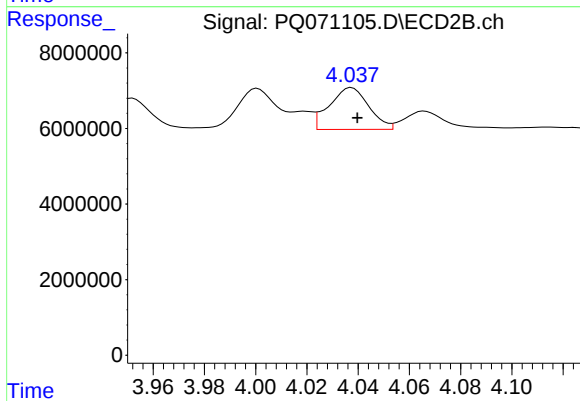
#18 AR-1242-3

R.T.: 3.952 min  
Delta R.T.: -0.002 min  
Response: 9140161  
Conc: 69.34 ng/ml



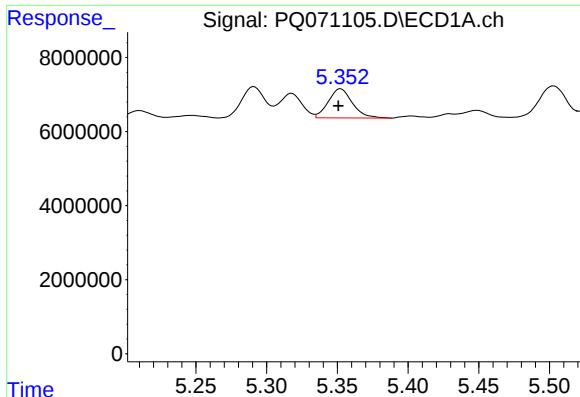
#19 AR-1242-4

R.T.: 4.645 min  
Delta R.T.: -0.001 min  
Response: 8837877  
Conc: 88.77 ng/ml



#19 AR-1242-4

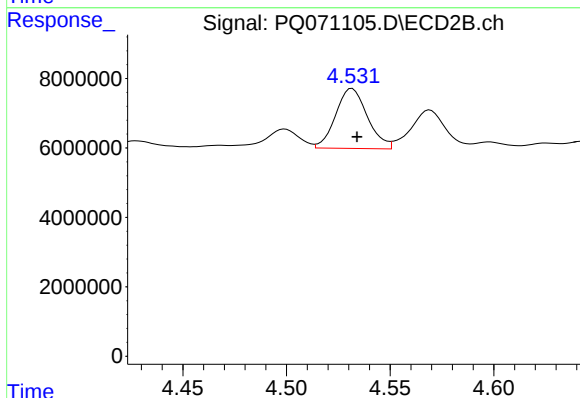
R.T.: 4.037 min  
Delta R.T.: -0.002 min  
Response: 11815040  
Conc: 103.13 ng/ml



#20 AR-1242-5

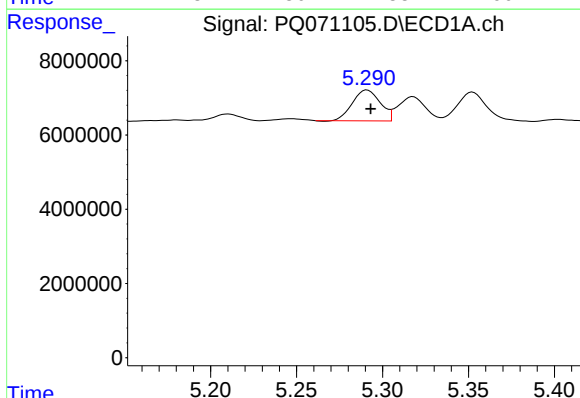
R.T.: 5.352 min  
Delta R.T.: 0.002 min  
Response: 9282345  
Conc: 117.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



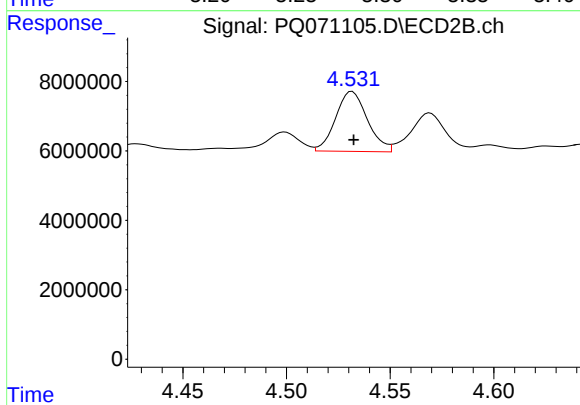
#20 AR-1242-5

R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 18466269  
Conc: 106.04 ng/ml



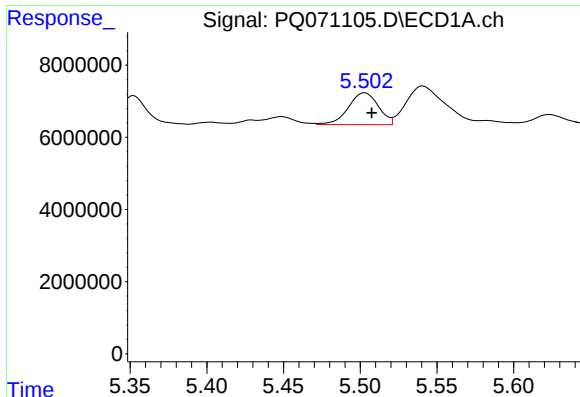
#26 AR-1254-1

R.T.: 5.291 min  
Delta R.T.: -0.002 min  
Response: 9312994  
Conc: 47.45 ng/ml



#26 AR-1254-1

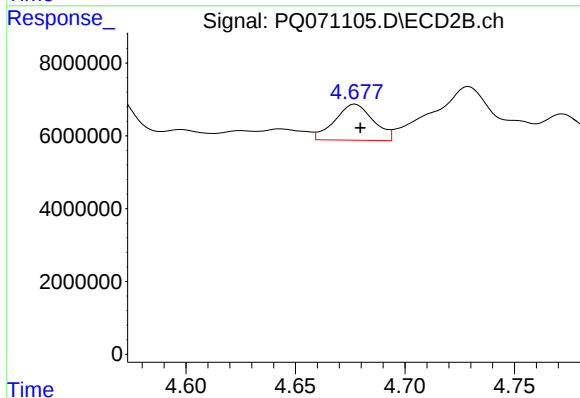
R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 18466269  
Conc: 54.76 ng/ml



#27 AR-1254-2

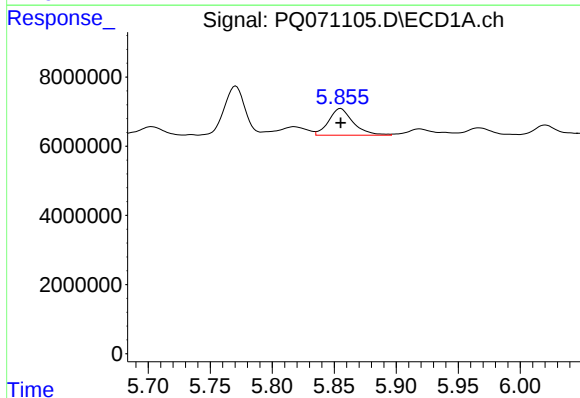
R.T.: 5.503 min  
Delta R.T.: -0.004 min  
Response: 12086036  
Conc: 41.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



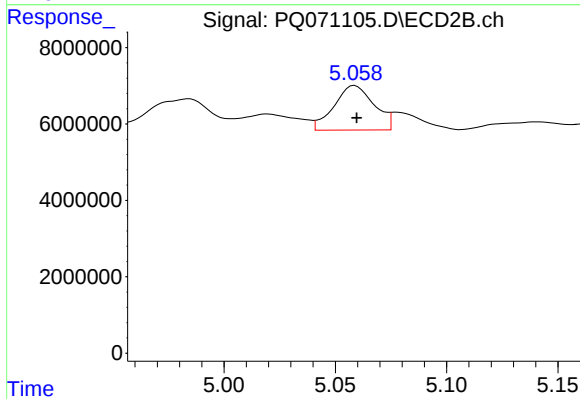
#27 AR-1254-2

R.T.: 4.677 min  
Delta R.T.: -0.002 min  
Response: 12100930  
Conc: 40.72 ng/ml



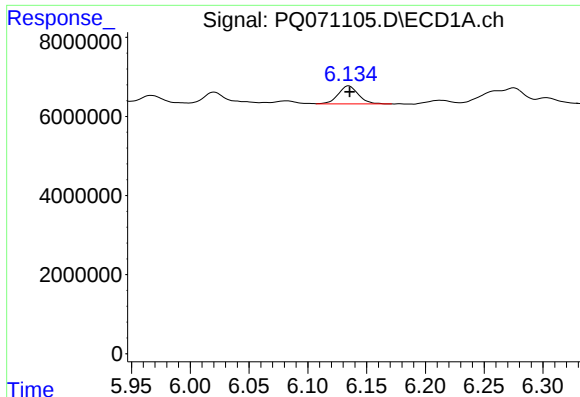
#28 AR-1254-3

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 10594543  
Conc: 34.49 ng/ml



#28 AR-1254-3

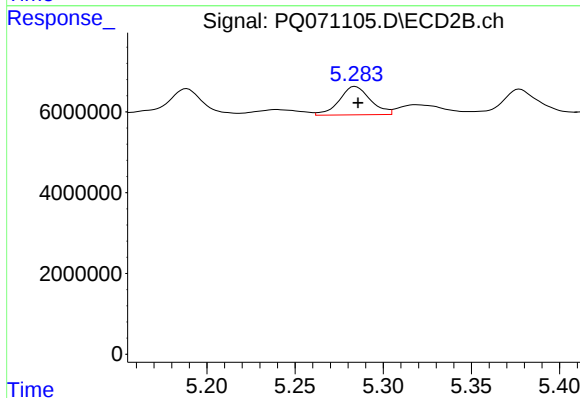
R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 14632771  
Conc: 31.33 ng/ml



#29 AR-1254-4

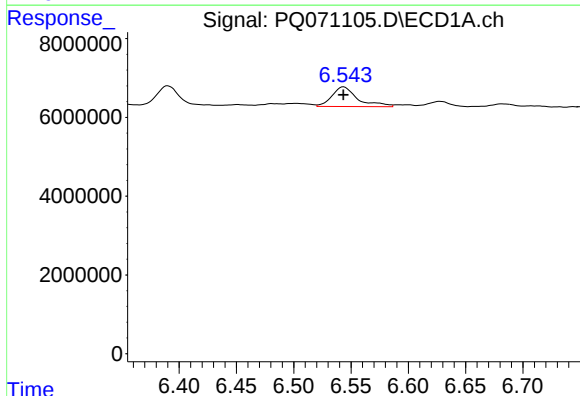
R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 5385134  
Conc: 24.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S09-000051-20251017



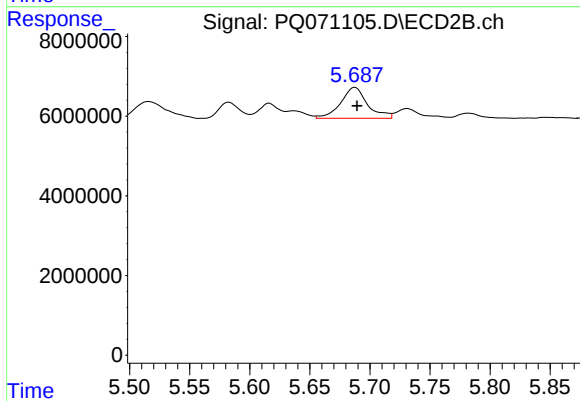
#29 AR-1254-4

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 8635033  
Conc: 29.25 ng/ml



#30 AR-1254-5

R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 7763895  
Conc: 33.48 ng/ml



#30 AR-1254-5

R.T.: 5.688 min  
Delta R.T.: -0.002 min  
Response: 12073201  
Conc: 28.72 ng/ml



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |
| Client Sample ID:  | PR132-S07-000102-20251017                        |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | Q3395-02                                         |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 47.9     |
| Sample Wt/Vol:     | 30.04 g                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                                          | Prep Date  | 10/23/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 35.4  | U    | 1  | 8.20     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 35.4  | U    | 1  | 8.40     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 35.4  | U    | 1  | 7.80     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 35.4  | U    | 1  | 8.40     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 35.4  | U    | 1  | 12.3     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 26.3  | J    | 1  | 6.70     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 35.4  | U    | 1  | 10.5     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 35.4  | U    | 1  | 7.50     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 35.4  | U    | 1  | 6.70     | 35.4       | ug/kg   | 10/23/25 15:33 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 24.0  |      |    | 32 - 144 | 120%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 24.6  |      |    | 32 - 175 | 123%       | 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\PQ102325\  
 Data File : PQ071106.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 15:33  
 Operator : YP\AJ  
 Sample : Q3395-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PR132-S07-000102-20251017

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:39:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.775 | 104.2E6  | 96411492 | 23.957m | 18.979m  |
| 2) SA Decachlor...          | 8.499 | 7.532 | 71441071 | 115.5E6  | 24.601  | 22.864   |
| Target Compounds            |       |       |          |          |         |          |
| 26) L6 AR-1254-1            | 5.292 | 4.533 | 6909233  | 13947294 | 35.201  | 41.361m  |
| 27) L6 AR-1254-2            | 5.499 | 4.675 | 10078057 | 20251745 | 34.694  | 68.152m# |
| 28) L6 AR-1254-3            | 5.855 | 5.058 | 10650947 | 9576566  | 34.670m | 20.504m# |
| 29) L6 AR-1254-4            | 6.135 | 5.284 | 7638564  | 7206497  | 34.793  | 24.408m# |
| 30) L6 AR-1254-5            | 6.544 | 5.687 | 8789566  | 14662107 | 37.903  | 34.881   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071106.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 15:33  
Operator : YP\AJ  
Sample : Q3395-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

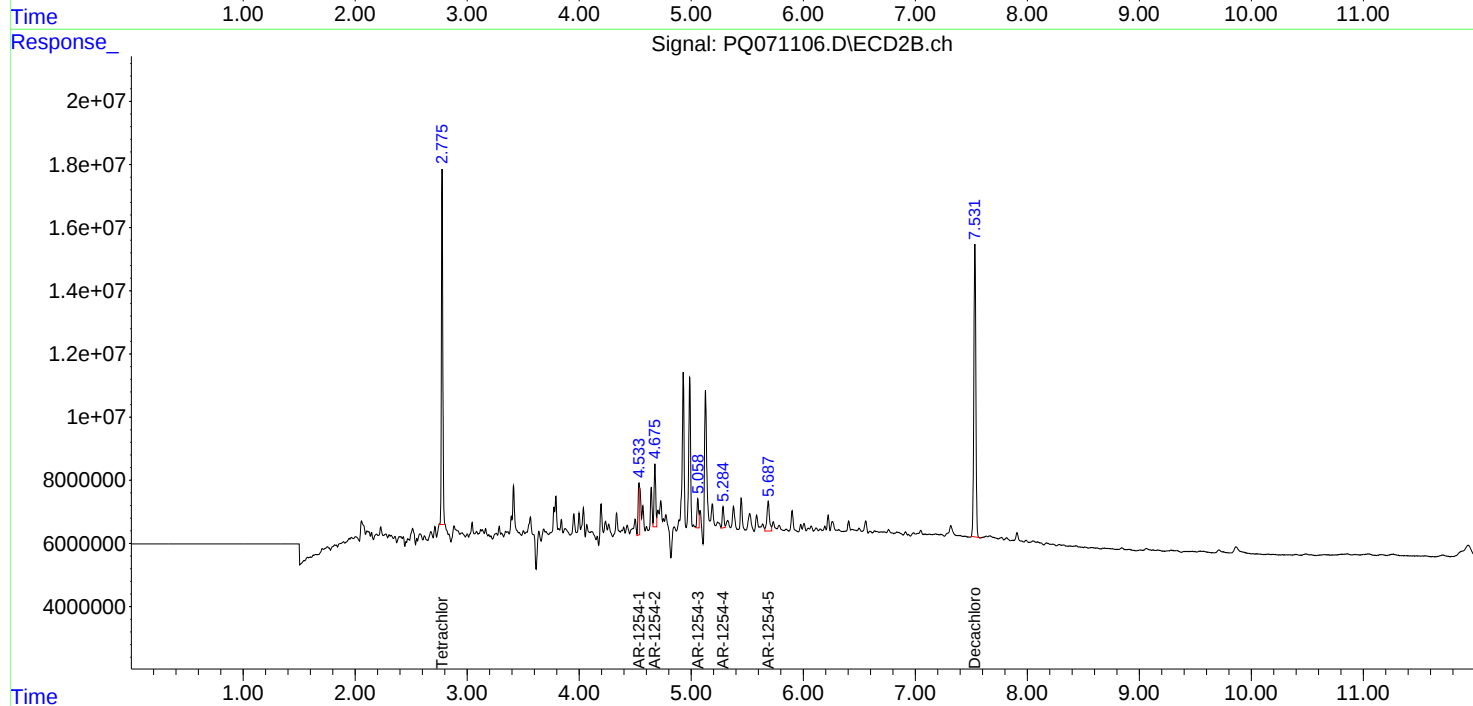
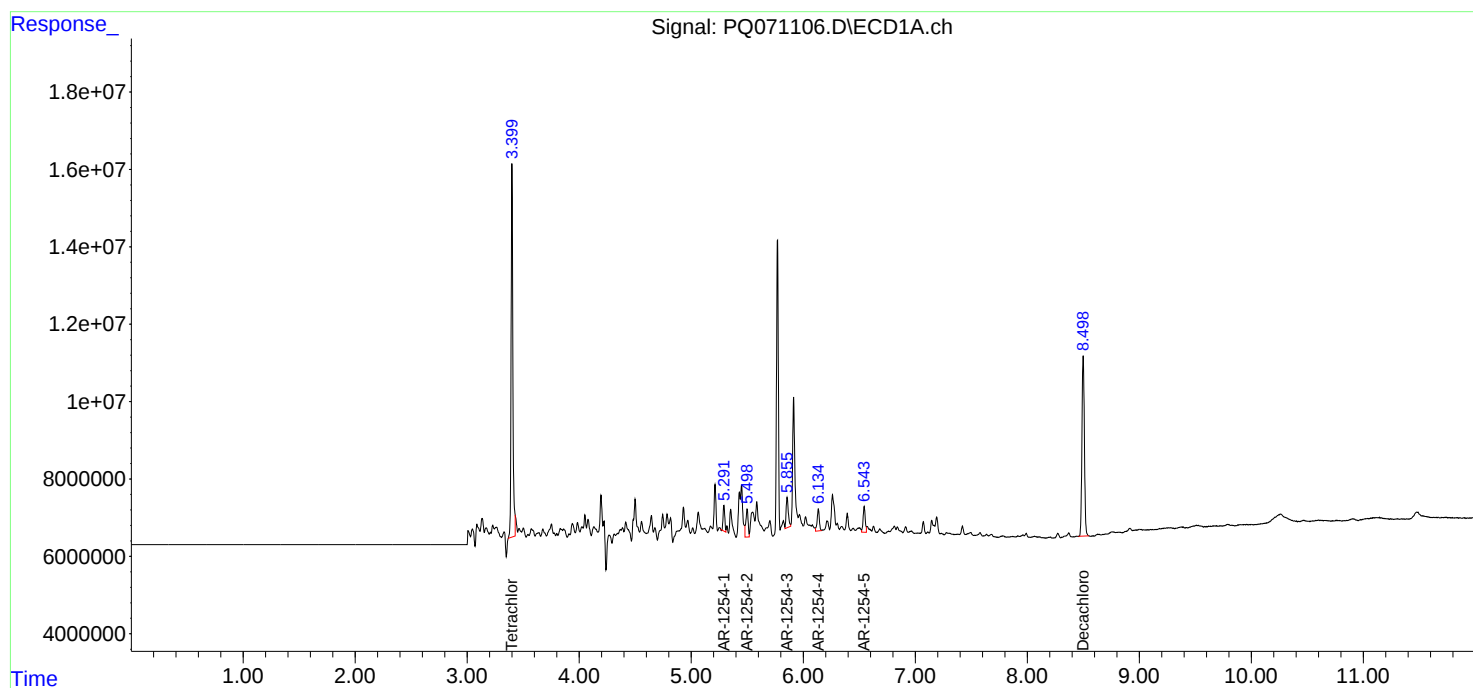
Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017

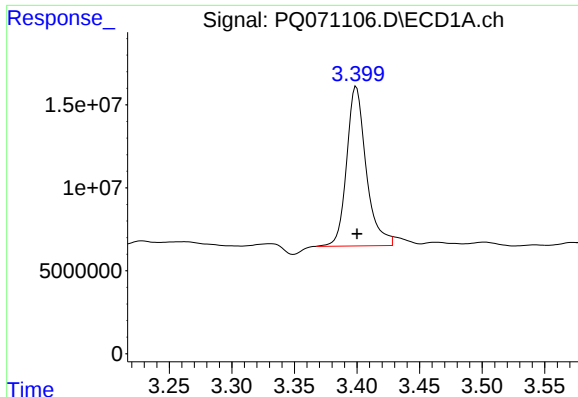
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:39:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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





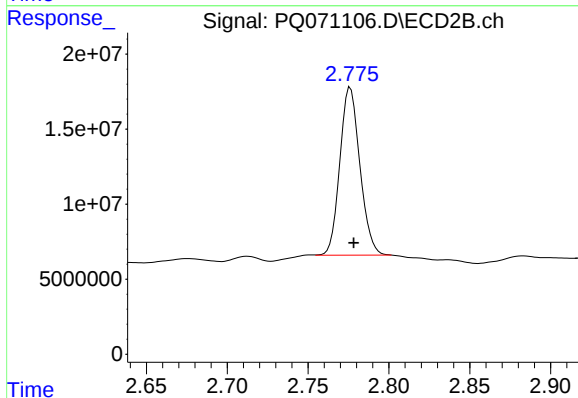
## #1 Tetrachloro-m-xylene

R.T.: 3.399 min  
Delta R.T.: -0.001 min  
Response: 104220947  
Conc: 23.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017

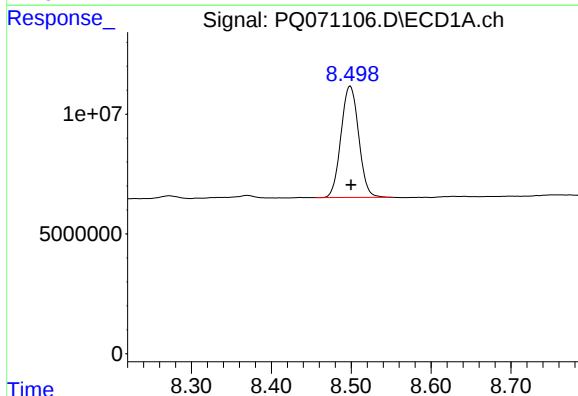
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



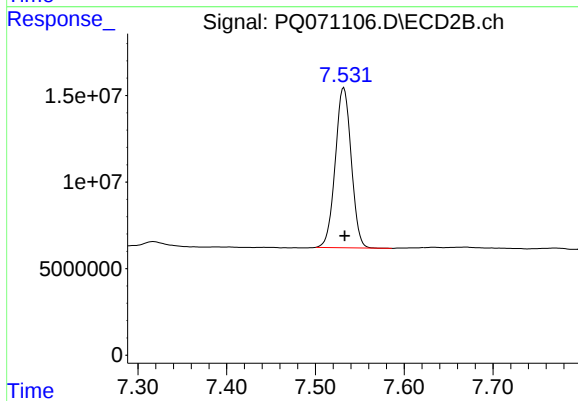
## #1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 96411492  
Conc: 18.98 ng/ml m



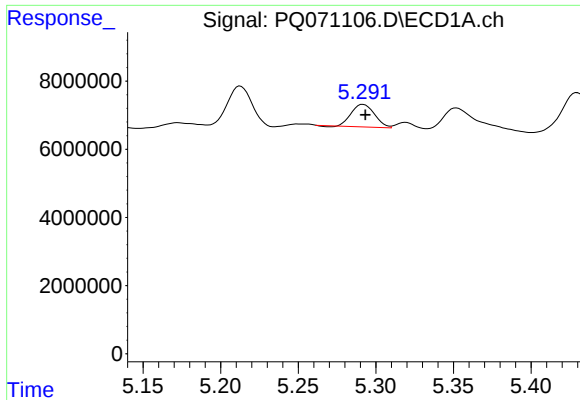
## #2 Decachlorobiphenyl

R.T.: 8.499 min  
Delta R.T.: -0.001 min  
Response: 71441071  
Conc: 24.60 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 115453887  
Conc: 22.86 ng/ml



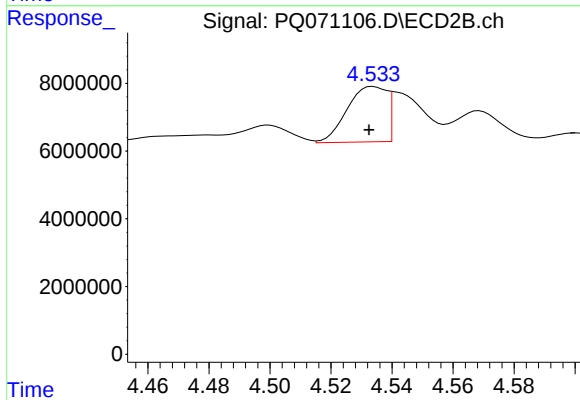
#26 AR-1254-1

R.T.: 5.292 min  
Delta R.T.: -0.001 min  
Response: 6909233  
Conc: 35.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017

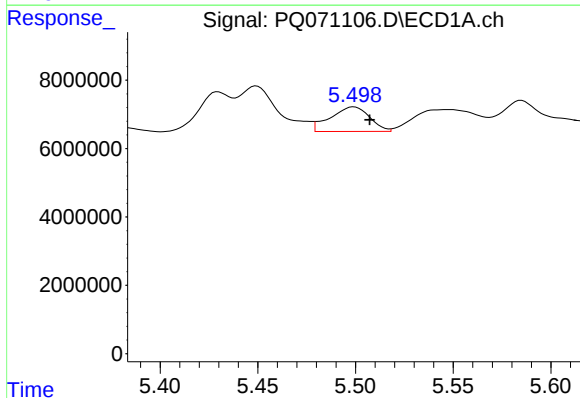
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



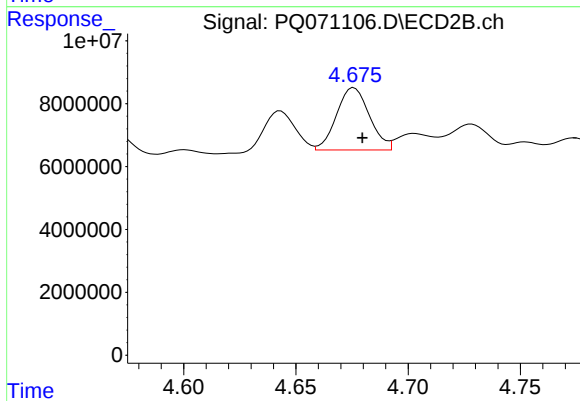
#26 AR-1254-1

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 13947294  
Conc: 41.36 ng/ml m



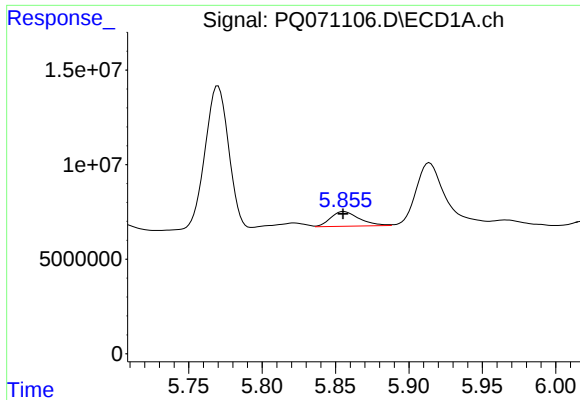
#27 AR-1254-2

R.T.: 5.499 min  
Delta R.T.: -0.008 min  
Response: 10078057  
Conc: 34.69 ng/ml



#27 AR-1254-2

R.T.: 4.675 min  
Delta R.T.: -0.004 min  
Response: 20251745  
Conc: 68.15 ng/ml m



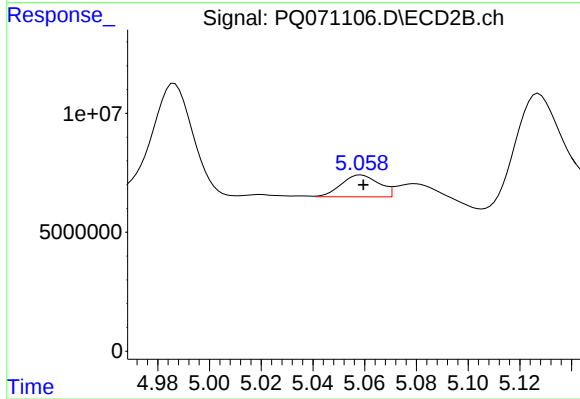
#28 AR-1254-3

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 10650947  
Conc: 34.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017

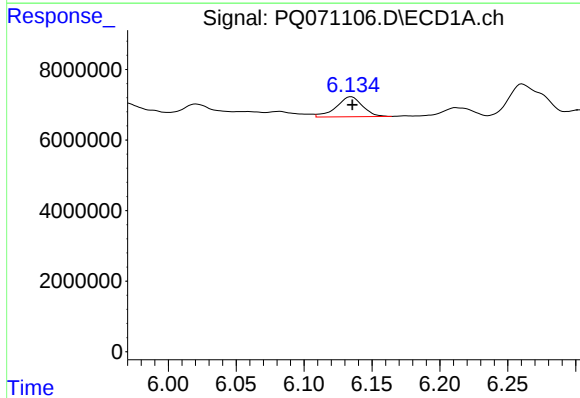
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



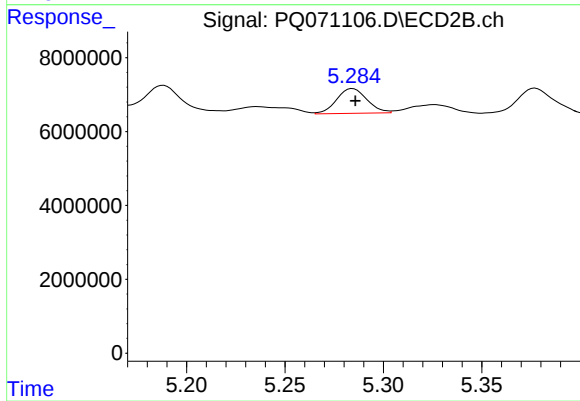
#28 AR-1254-3

R.T.: 5.058 min  
Delta R.T.: -0.002 min  
Response: 9576566  
Conc: 20.50 ng/ml m



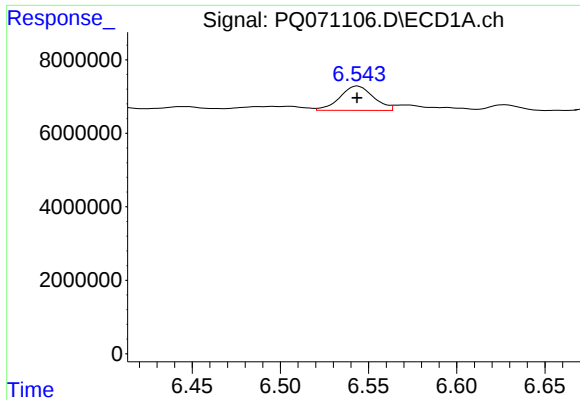
#29 AR-1254-4

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 7638564  
Conc: 34.79 ng/ml



#29 AR-1254-4

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 7206497  
Conc: 24.41 ng/ml m



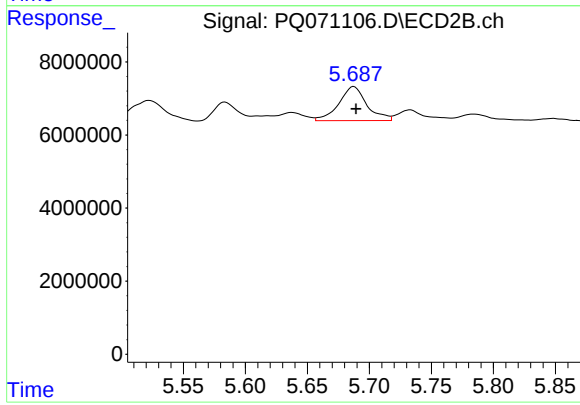
#30 AR-1254-5

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 8789566  
Conc: 37.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



#30 AR-1254-5

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 14662107  
Conc: 34.88 ng/ml



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |
| Client Sample ID:  | PR132-S07-102116-20251017                        |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | Q3395-05                                         |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 51.4     |
| Sample Wt/Vol:     | 30.05 g                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                                          | Prep Date  | 10/23/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 33.0  | U    | 1  | 7.70     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 33.0  | U    | 1  | 7.80     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 33.0  | U    | 1  | 7.20     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 33.0  | U    | 1  | 7.80     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 33.0  | U    | 1  | 11.5     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 33.0  | U    | 1  | 6.20     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 33.0  | U    | 1  | 9.80     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 33.0  | U    | 1  | 7.00     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 33.0  | U    | 1  | 6.30     | 33.0       | ug/kg   | 10/23/25 16:17 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 26.8  |      |    | 32 - 144 | 134%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 29.4  |      |    | 32 - 175 | 147%       | 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\PQ102325\  
Data File : PQ071109.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 16:17  
Operator : YP\AJ  
Sample : Q3395-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-102116-20251017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.776 | 116.6E6  | 126.4E6 | 26.810 | 24.880 |
| 2) SA Decachlor...          | 8.499 | 7.532 | 85241028 | 139.3E6 | 29.353 | 27.595 |

Target Compounds

-----

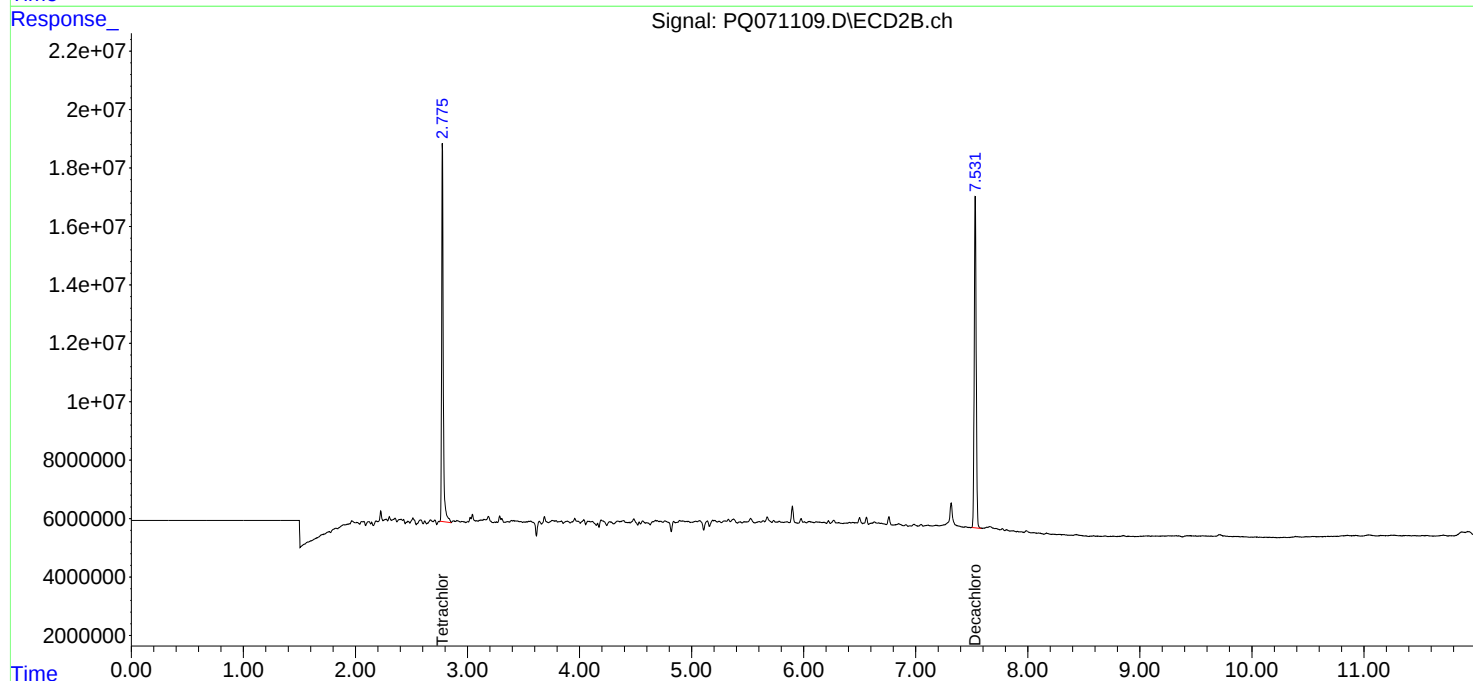
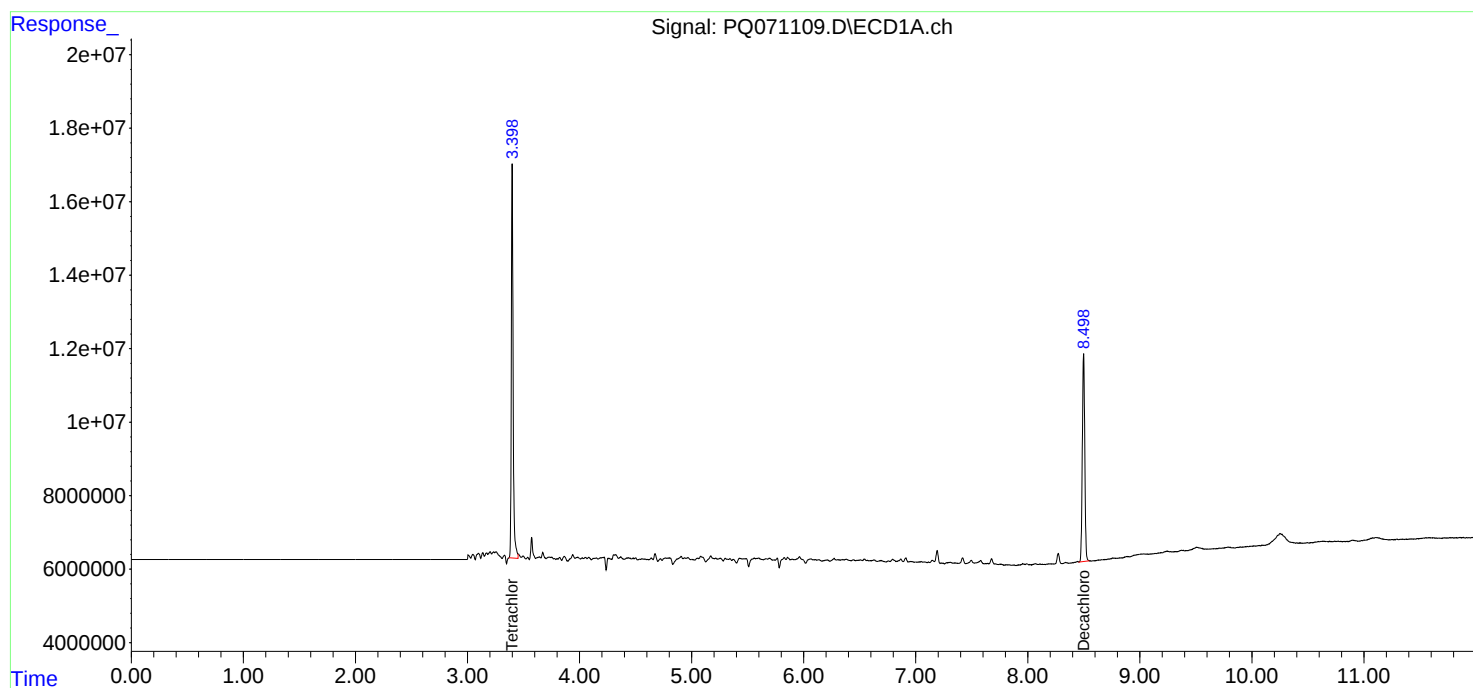
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

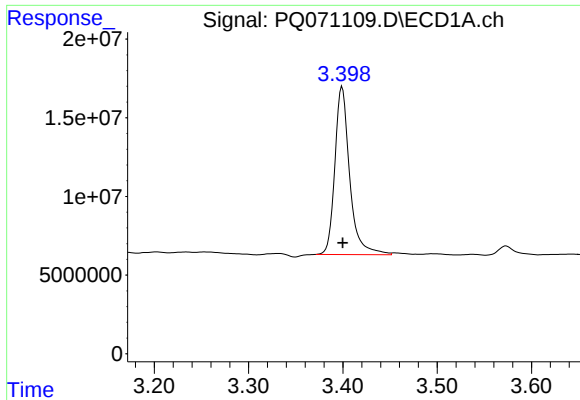
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071109.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 16:17  
Operator : YP\AJ  
Sample : Q3395-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-102116-20251017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

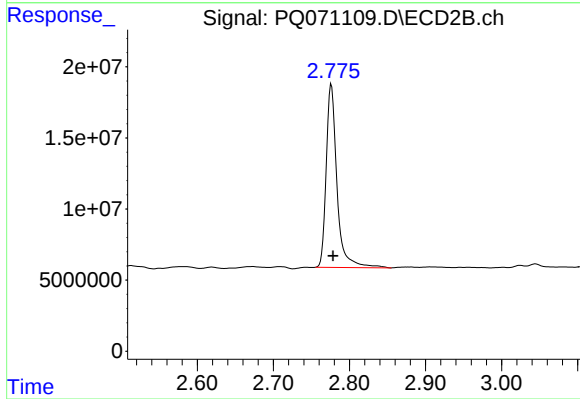




## #1 Tetrachloro-m-xylene

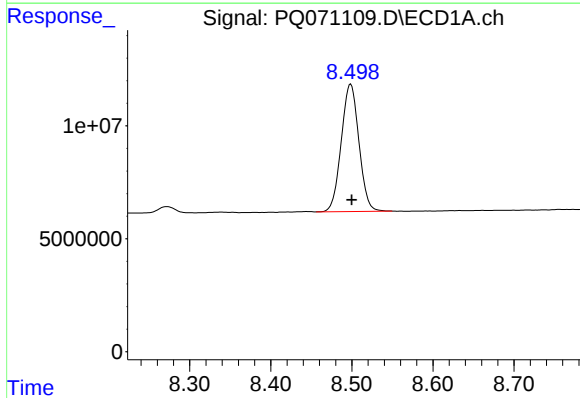
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 116631008  
Conc: 26.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-102116-20251017



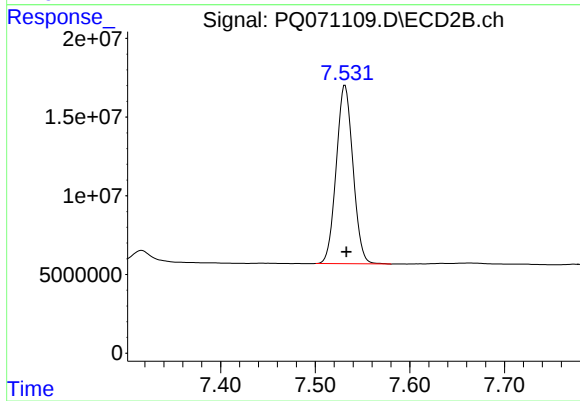
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 126390439  
Conc: 24.88 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.499 min  
Delta R.T.: -0.001 min  
Response: 85241028  
Conc: 29.35 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: -0.002 min  
Response: 139344567  
Conc: 27.60 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                                                  |            |                 |          |     |
|--------------------|--------------------------------------------------|------------|-----------------|----------|-----|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |     |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |     |
| Client Sample ID:  | PR132-COMP03-2025-20251017                       |            | SDG No.:        | Q3395    |     |
| Lab Sample ID:     | Q3395-06                                         |            | Matrix:         | SOIL     |     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 69.8     |     |
| Sample Wt/Vol:     | 30.03 g                                          | Final Vol: | 10000 uL        | Test:    | PCB |
| Prep Method:       | SW3541                                           | Prep Date  | 10/23/25        |          |     |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 24.3  | U    | 1  | 5.70     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 24.3  | U    | 1  | 5.80     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 24.3  | U    | 1  | 5.30     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 24.3  | U    | 1  | 5.70     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 24.3  | U    | 1  | 8.50     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 24.3  | U    | 1  | 4.60     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 24.3  | U    | 1  | 7.20     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 24.3  | U    | 1  | 5.20     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 24.3  | U    | 1  | 4.60     | 24.3       | ug/kg   | 10/23/25 16:32 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 25.4  |      |    | 32 - 144 | 127%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 23.6  |      |    | 32 - 175 | 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\PQ102325\  
Data File : PQ071110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 16:32  
Operator : YP\AJ  
Sample : Q3395-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-COMP03-2025-20251017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.776 | 110.5E6  | 120.1E6 | 25.395 | 23.632 |
| 2) SA Decachlor...          | 8.497 | 7.532 | 68624217 | 114.7E6 | 23.631 | 22.713 |

Target Compounds

-----

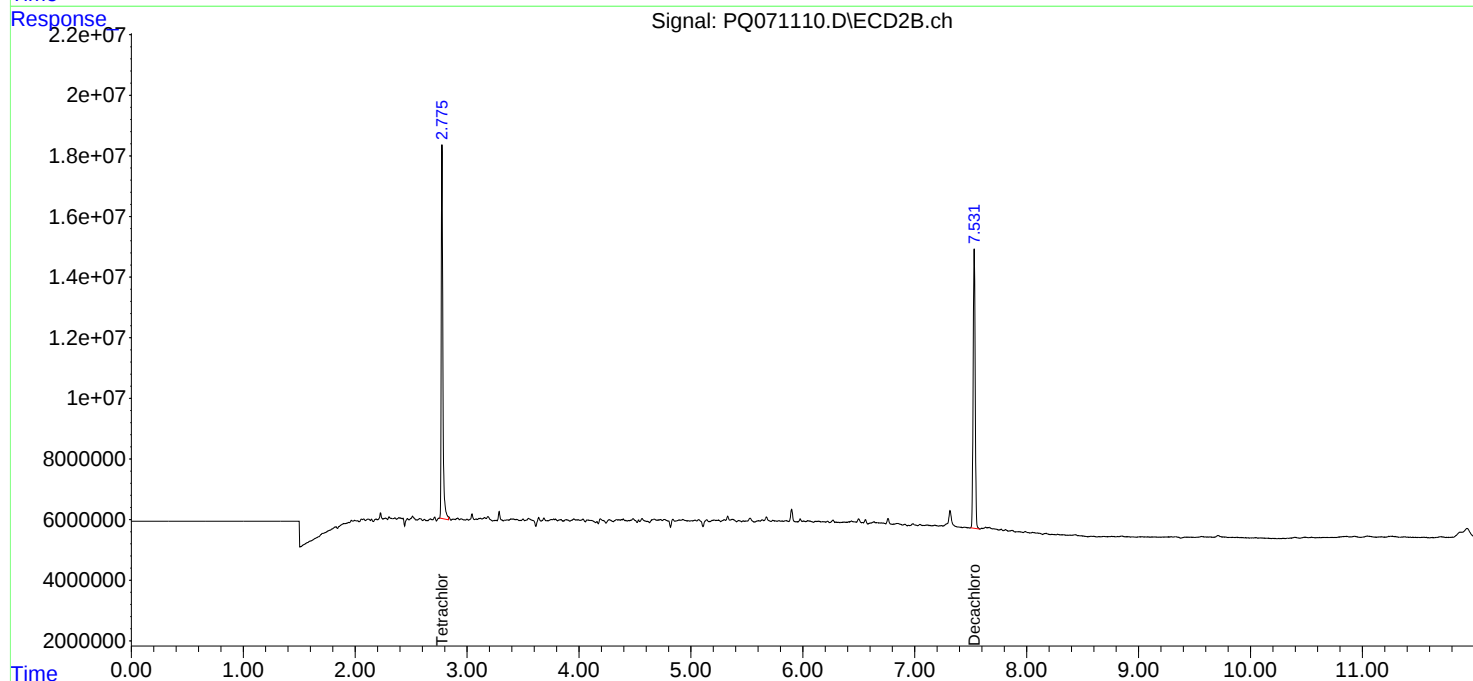
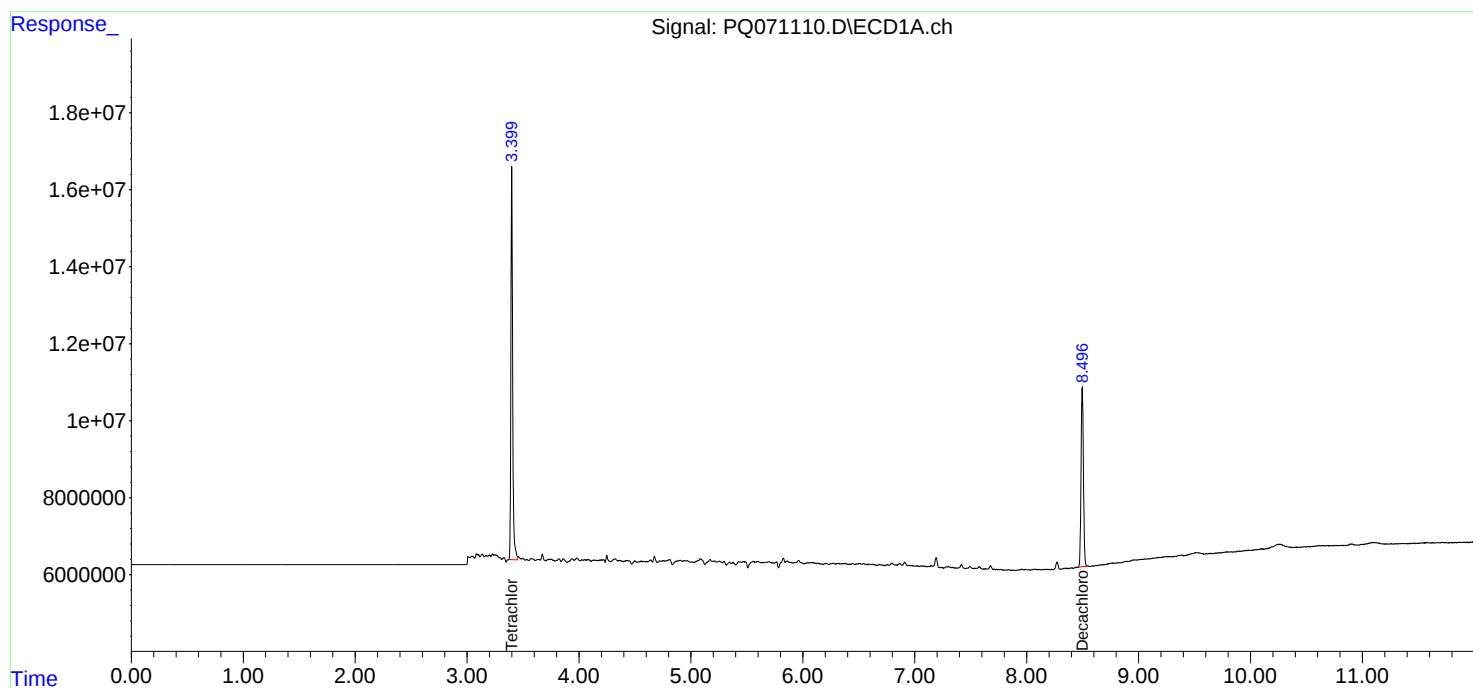
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

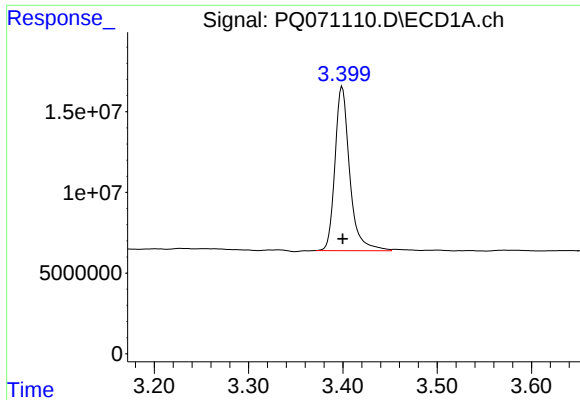
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 16:32  
Operator : YP\AJ  
Sample : Q3395-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-COMP03-2025-20251017

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

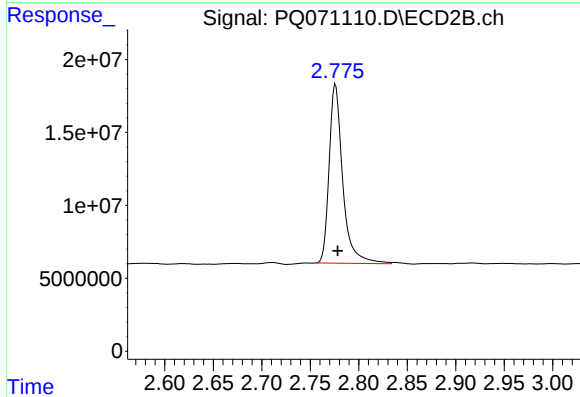




## #1 Tetrachloro-m-xylene

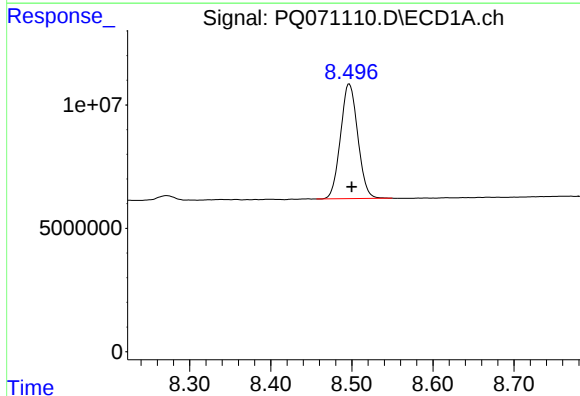
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 110476120  
Conc: 25.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-COMP03-2025-20251017



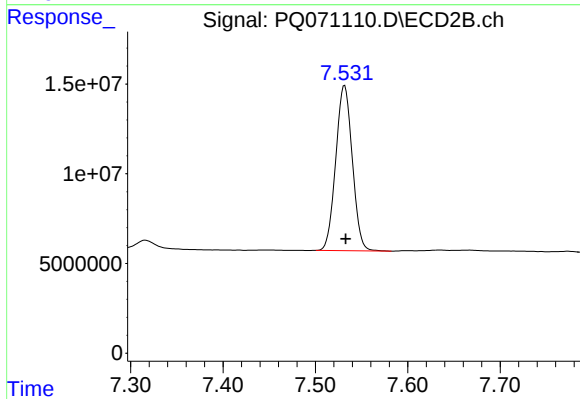
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 120053093  
Conc: 23.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 68624217  
Conc: 23.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 114691002  
Conc: 22.71 ng/ml



# CALIBRATION SUMMARY

**Calibration Times:**                      08:57                      16:43

|              |           |                   |          |                   |
|--------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 1000 = | <u>PQ070973.D</u> | RT 750 = | <u>PQ070974.D</u> |
|              | RT 500 =  | PQ070975.D        | RT 250 = | PQ070976.D        |
|              |           |                   | RT 050 = | PQ070977.D        |

[illegible]

[illegible]

**Calibration Times:**                      08:57                      16:43

|              |           |                   |          |                   |
|--------------|-----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 1000 = | <u>PQ070973.D</u> | RT 750 = | <u>PQ070974.D</u> |
|              | RT 500 =  | PO070975.D        | RT 250 = | PO070976.D        |
|              |           |                   | RT 050 = | PO070977.D        |

[illegible]

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Lab Name:** Alliance  
**Lab Code:** ACE  
**Instrument ID:** ECD\_Q

**Contract:** AECO02  
**SDG NO.:** Q3395

**Calibration Date(s):** 10/10/2025 10/10/2025  
**Calibration Times:** 08:57 16:43

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

| LAB FILE ID:               |     | CF 1000 = <u>PQ070973.D</u> |            | CF 750 = <u>PQ070974.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PQ070975.D</u> |     | CF 250 = <u>PQ070976.D</u>  |            | CF 050 = <u>PQ070977.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 152632258                   | 161381460  | 169566884                  | 175492100  | 161647220  | 164143984  |
| Aroclor-1016-2             | (2) | 235274296                   | 256838307  | 264605432                  | 271518004  | 253235720  | 256294352  |
| Aroclor-1016-3             | (3) | 145675938                   | 156782704  | 164416996                  | 169596776  | 159119400  | 159118363  |
| Aroclor-1016-4             | (4) | 120162951                   | 129378400  | 134848252                  | 138303760  | 126953020  | 129929277  |
| Aroclor-1016-5             | (5) | 117231883                   | 128545740  | 133336348                  | 136306768  | 128593380  | 128802824  |
| Aroclor-1260-1             | (1) | 208928914                   | 234195365  | 241877518                  | 247859876  | 239493660  | 234471067  |
| Aroclor-1260-2             | (2) | 243695794                   | 275266251  | 287710272                  | 296720404  | 279652200  | 276608984  |
| Aroclor-1260-3             | (3) | 178017013                   | 196424459  | 204653606                  | 209590628  | 207855920  | 199308325  |
| Aroclor-1260-4             | (4) | 191556315                   | 214263107  | 223690164                  | 228814336  | 216092480  | 214883280  |
| Aroclor-1260-5             | (5) | 400986941                   | 436898331  | 447507618                  | 451939420  | 431553500  | 433777162  |
| Decachlorobiphenyl         |     | 2603997920                  | 2888430733 | 3017037660                 | 3097201720 | 2913248400 | 2903983287 |
| Tetrachloro-m-xylene       |     | 4048991050                  | 4420325093 | 4447782420                 | 4497118040 | 4337178200 | 4350278961 |
| Aroclor-1242-1             | (1) | 117929900                   | 120501580  | 121917368                  | 124177888  | 110233240  | 118951995  |
| Aroclor-1242-2             | (2) | 179238730                   | 188762288  | 194471730                  | 197719720  | 193371880  | 190712870  |
| Aroclor-1242-3             | (3) | 111298009                   | 117265485  | 120728326                  | 123754708  | 121434700  | 118896246  |
| Aroclor-1242-4             | (4) | 91702396                    | 97376287   | 98944784                   | 101196952  | 108558560  | 99555796   |
| Aroclor-1242-5             | (5) | 63322787                    | 67097277   | 82718820                   | 102665812  | 77804800   | 78721899   |
| Decachlorobiphenyl         |     | 3082568640                  | 3243406933 | 3352805760                 | 3359769360 | 3286790800 | 3265068299 |
| Tetrachloro-m-xylene       |     | 4441893010                  | 4577290613 | 4623065280                 | 4605855840 | 4702516200 | 4590124189 |
| Aroclor-1248-1             | (1) | 89951061                    | 92802913   | 99278242                   | 97399904   | 67891380   | 89464700   |
| Aroclor-1248-2             | (2) | 126849870                   | 131764987  | 138900528                  | 142257364  | 142462060  | 136446962  |
| Aroclor-1248-3             | (3) | 152980867                   | 157544657  | 166146850                  | 167481096  | 162764480  | 161383590  |
| Aroclor-1248-4             | (4) | 167077290                   | 173126060  | 182827440                  | 186713196  | 157721500  | 173493097  |
| Aroclor-1248-5             | (5) | 163667698                   | 168136284  | 132211082                  | 121389384  | 159185140  | 148917918  |
| Decachlorobiphenyl         |     | 3177348440                  | 3248518907 | 3402766540                 | 3434790520 | 3353916400 | 3323468161 |
| Tetrachloro-m-xylene       |     | 4546508980                  | 4599154480 | 4739413180                 | 4685828360 | 4518221600 | 4617825320 |
| Aroclor-1254-1             | (1) | 186317660                   | 198212097  | 200308250                  | 222421948  | 174131700  | 196278331  |
| Aroclor-1254-2             | (2) | 272465681                   | 301191412  | 300558232                  | 318683640  | 259516480  | 290483089  |
| Aroclor-1254-3             | (3) | 294493285                   | 320137152  | 318530722                  | 335107472  | 267769020  | 307207530  |
| Aroclor-1254-4             | (4) | 212636724                   | 232647637  | 229798130                  | 237628972  | 184991000  | 219540493  |
| Aroclor-1254-5             | (5) | 229095618                   | 241104957  | 242576814                  | 249415576  | 197285560  | 231895705  |
| Decachlorobiphenyl         |     | 3135993520                  | 3237057933 | 3300114540                 | 3432442200 | 2724290800 | 3165979799 |
| Tetrachloro-m-xylene       |     | 4449551480                  | 4584042107 | 4604497820                 | 4625575480 | 3701892800 | 4393111937 |
| Aroclor-1268-1             | (1) | 555593291                   | 572438855  | 583365466                  | 598015136  | 603747960  | 582632142  |



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Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 510325576  | 524057337  | 534075228  | 546100468  | 539884140  | 530888550  | 3 |
| Aroclor-1268-3       | (3) | 416538407  | 427532203  | 436646098  | 443325192  | 442459640  | 433300308  | 3 |
| Aroclor-1268-4       | (4) | 179373252  | 185531188  | 189624920  | 193669728  | 190155160  | 187670850  | 3 |
| Aroclor-1268-5       | (5) | 1283167757 | 1308010297 | 1321380362 | 1326514116 | 1318957680 | 1311606042 | 1 |
| Decachlorobiphenyl   |     | 5757514290 | 5913646120 | 6037365900 | 6192444040 | 6223042400 | 6024802550 | 3 |
| Tetrachloro-m-xylene |     | 4734874420 | 4871269707 | 4916225920 | 4964521920 | 4932484000 | 4883875193 | 2 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Lab Name:** Alliance  
**Lab Code:** ACE  
**Instrument ID:** ECD\_Q

**Contract:** AECO02  
**SDG NO.:** Q3395

**Calibration Date(s):** 10/10/2025 10/10/2025  
**Calibration Times:** 08:57 16:43

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

| LAB FILE ID:               |     | CF 1000 = <u>PQ070973.D</u> |            | CF 750 = <u>PQ070974.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PQ070975.D</u> |     | CF 250 = <u>PQ070976.D</u>  |            | CF 050 = <u>PQ070977.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 198094739                   | 217218485  | 228189888                  | 237783008  | 238723760  | 224001976  |
| Aroclor-1016-2             | (2) | 306974778                   | 336928535  | 345611618                  | 359075648  | 352024660  | 340123048  |
| Aroclor-1016-3             | (3) | 164197912                   | 180535471  | 187035142                  | 195263012  | 182262860  | 181858879  |
| Aroclor-1016-4             | (4) | 139678855                   | 154088441  | 161162796                  | 170890484  | 161242760  | 157412667  |
| Aroclor-1016-5             | (5) | 171310856                   | 187991799  | 196963118                  | 205633060  | 197310680  | 191841903  |
| Aroclor-1260-1             | (1) | 322104344                   | 352779140  | 365742242                  | 382158164  | 379245720  | 360405922  |
| Aroclor-1260-2             | (2) | 392921251                   | 432078265  | 450339936                  | 466790948  | 457838380  | 439993756  |
| Aroclor-1260-3             | (3) | 374441100                   | 409997701  | 423595070                  | 436050024  | 430913160  | 414999411  |
| Aroclor-1260-4             | (4) | 324169048                   | 356082777  | 368301826                  | 380117112  | 370143240  | 359762801  |
| Aroclor-1260-5             | (5) | 773923407                   | 822481391  | 873089514                  | 880740576  | 851175200  | 840282018  |
| Decachlorobiphenyl         |     | 4511855410                  | 4959881947 | 5165429800                 | 5359918520 | 5250729800 | 5049563095 |
| Tetrachloro-m-xylene       |     | 4790824740                  | 5183285133 | 5313707940                 | 5302586120 | 4809696600 | 5080020107 |
| Aroclor-1242-1             | (1) | 149120136                   | 160366853  | 160219200                  | 165386980  | 179219740  | 162862582  |
| Aroclor-1242-2             | (2) | 228406508                   | 237737935  | 244055020                  | 248772624  | 247903320  | 241375081  |
| Aroclor-1242-3             | (3) | 123267302                   | 131780304  | 132089372                  | 135429308  | 136535900  | 131820437  |
| Aroclor-1242-4             | (4) | 107929318                   | 113409847  | 120761922                  | 128344628  | 102401880  | 114569519  |
| Aroclor-1242-5             | (5) | 175313049                   | 196019013  | 175387368                  | 167275268  | 156704980  | 174139936  |
| Decachlorobiphenyl         |     | 5194557400                  | 5483323560 | 5616478880                 | 5698756520 | 6104877800 | 5619598832 |
| Tetrachloro-m-xylene       |     | 5511103540                  | 5712989200 | 5725543240                 | 5446452960 | 5436162600 | 5566450308 |
| Aroclor-1248-1             | (1) | 118147108                   | 120641916  | 127443132                  | 132200888  | 134031720  | 126492953  |
| Aroclor-1248-2             | (2) | 172958749                   | 177705395  | 189325858                  | 196101732  | 206725040  | 188563355  |
| Aroclor-1248-3             | (3) | 167593672                   | 172934769  | 178216680                  | 182062792  | 197467520  | 179655087  |
| Aroclor-1248-4             | (4) | 207432918                   | 214191484  | 230649658                  | 232116576  | 237264740  | 224331075  |
| Aroclor-1248-5             | (5) | 211078475                   | 216720032  | 243430792                  | 250826296  | 242157620  | 232842643  |
| Decachlorobiphenyl         |     | 5357284330                  | 5460780160 | 5730809660                 | 5844375240 | 6130897000 | 5704829278 |
| Tetrachloro-m-xylene       |     | 5499268270                  | 5571294053 | 5722936200                 | 5664492400 | 5408993600 | 5573396905 |
| Aroclor-1254-1             | (1) | 326099704                   | 341297420  | 345505280                  | 377987212  | 295169840  | 337211891  |
| Aroclor-1254-2             | (2) | 283781194                   | 302336180  | 304849560                  | 326229636  | 268575420  | 297154398  |
| Aroclor-1254-3             | (3) | 455841488                   | 477545104  | 484627186                  | 501619228  | 415693040  | 467065209  |
| Aroclor-1254-4             | (4) | 291449906                   | 303039177  | 308578712                  | 317073776  | 256115840  | 295251482  |
| Aroclor-1254-5             | (5) | 417470468                   | 427079459  | 439495106                  | 452352324  | 365350180  | 420349507  |
| Decachlorobiphenyl         |     | 5360763820                  | 5577066440 | 5716894620                 | 5972893640 | 5256420800 | 5576807864 |
| Tetrachloro-m-xylene       |     | 5311856950                  | 5451428933 | 5484489360                 | 5522984680 | 4238156400 | 5201783265 |
| Aroclor-1268-1             | (1) | 931455367                   | 961712979  | 973652708                  | 974423320  | 1030986200 | 974446115  |



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#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |             |             |             |             |             |             |   |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Aroclor-1268-2       | (2) | 858872879   | 891158693   | 900594916   | 906701084   | 936258500   | 898717214   | 3 |
| Aroclor-1268-3       | (3) | 746016914   | 769745548   | 779615614   | 791820108   | 821422560   | 781724149   | 4 |
| Aroclor-1268-4       | (4) | 330162118   | 339473573   | 345636662   | 356393996   | 350955500   | 344524370   | 3 |
| Aroclor-1268-5       | (5) | 2374681378  | 2422263161  | 2432472106  | 2427996872  | 2444443520  | 2420371407  | 1 |
| Decachlorobiphenyl   |     | 10401085910 | 10736618840 | 10941521580 | 11269357960 | 11896046400 | 11048926138 | 5 |
| Tetrachloro-m-xylene |     | 5581659480  | 5729850200  | 5733063640  | 5828463760  | 5669436400  | 5708494696  | 2 |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**Instrument ID:** ECD\_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.59 | 3.49      | 3.69 | 59190800              |
|              |                | 2    | 3.67 | 3.57      | 3.77 | 43146800              |
|              |                | 3    | 3.74 | 3.64      | 3.84 | 133548000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 3.74 | 3.64      | 3.84 | 108948000             |
|              |                | 2    | 4.23 | 4.13      | 4.33 | 57502800              |
|              |                | 3    | 4.50 | 4.40      | 4.60 | 107099000             |
|              |                | 4    | 4.65 | 4.55      | 4.75 | 54014200              |
|              |                | 5    | 4.79 | 4.69      | 4.89 | 43713200              |
| Aroclor-1262 | 500            | 1    | 6.84 | 6.74      | 6.94 | 274018000             |
|              |                | 2    | 7.15 | 7.05      | 7.25 | 498476000             |
|              |                | 3    | 7.42 | 7.32      | 7.52 | 328660000             |
|              |                | 4    | 7.49 | 7.39      | 7.59 | 252340000             |
|              |                | 5    | 7.99 | 7.89      | 8.09 | 164350000             |



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Fax : 908 789 8922

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**Instrument ID:** ECD\_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 2.98 | 2.88      | 3.08 | 73819200              |
|              |                | 2    | 3.05 | 2.95      | 3.15 | 60003200              |
|              |                | 3    | 3.12 | 3.02      | 3.22 | 171184000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 3.12 | 3.02      | 3.22 | 139342000             |
|              |                | 2    | 3.79 | 3.69      | 3.89 | 138900000             |
|              |                | 3    | 3.95 | 3.85      | 4.05 | 73450200              |
|              |                | 4    | 4.04 | 3.94      | 4.14 | 63034400              |
|              |                | 5    | 4.20 | 4.10      | 4.30 | 71607200              |
| Aroclor-1262 | 500            | 1    | 5.73 | 5.63      | 5.83 | 452486000             |
|              |                | 2    | 5.98 | 5.88      | 6.08 | 427702000             |
|              |                | 3    | 6.50 | 6.40      | 6.60 | 332708000             |
|              |                | 4    | 6.56 | 6.46      | 6.66 | 616820000             |
|              |                | 5    | 7.05 | 6.95      | 7.15 | 302986000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070973.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 08:57  
 Operator : YP\AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 10:54:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 10:49:25 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...          | 3.401 | 2.778 | 404.9E6 | 479.1E6 | 95.307  | 94.825  |
| 2) SA Decachlor...          | 8.496 | 7.534 | 260.4E6 | 451.2E6 | 92.652  | 93.246  |
| Target Compounds            |       |       |         |         |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.778 | 152.6E6 | 198.1E6 | 947.441 | 929.401 |
| 4) L1 AR-1016-2             | 4.499 | 3.793 | 235.3E6 | 307.0E6 | 941.324 | 940.794 |
| 5) L1 AR-1016-3             | 4.556 | 3.954 | 145.7E6 | 164.2E6 | 939.563 | 934.980 |
| 6) L1 AR-1016-4             | 4.646 | 4.002 | 120.2E6 | 139.7E6 | 942.413 | 928.587 |
| 7) L1 AR-1016-5             | 4.931 | 4.197 | 117.2E6 | 171.3E6 | 935.728 | 930.345 |
| 31) L7 AR-1260-1            | 6.020 | 5.190 | 208.9E6 | 322.1E6 | 926.912 | 936.559 |
| 32) L7 AR-1260-2            | 6.275 | 5.379 | 243.7E6 | 392.9E6 | 917.174 | 931.909 |
| 33) L7 AR-1260-3            | 6.626 | 5.520 | 178.0E6 | 374.4E6 | 930.393 | 938.406 |
| 34) L7 AR-1260-4            | 6.840 | 5.980 | 191.6E6 | 324.2E6 | 922.615 | 936.268 |
| 35) L7 AR-1260-5            | 7.146 | 6.224 | 401.0E6 | 773.9E6 | 945.173 | 939.790 |
| -----                       |       |       |         |         |         |         |

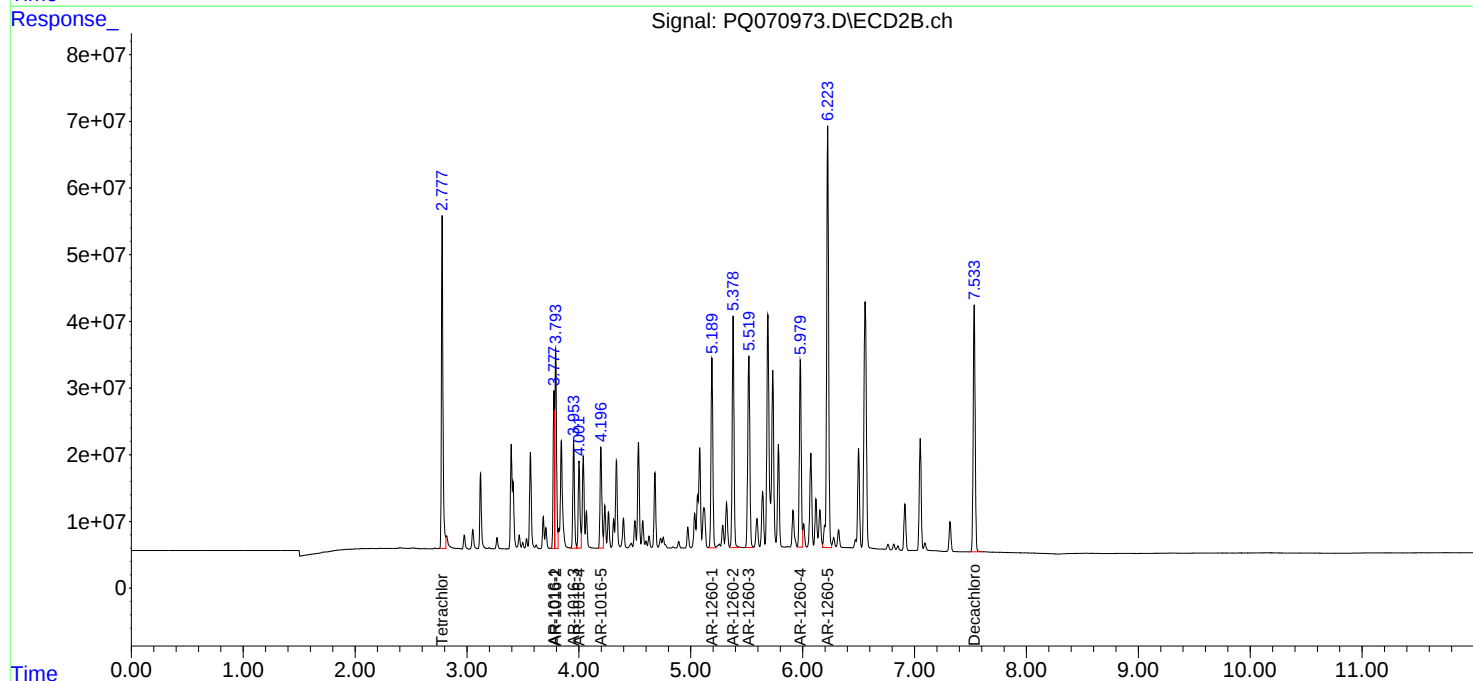
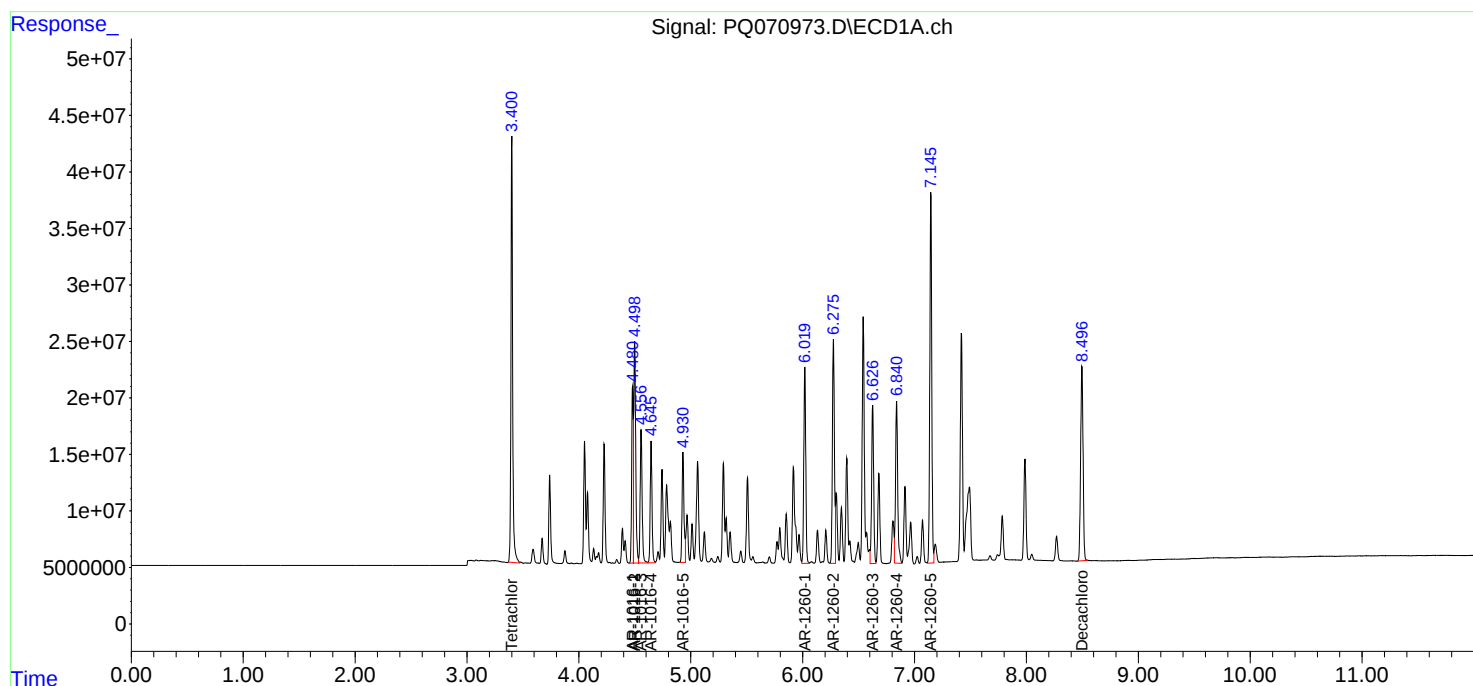
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

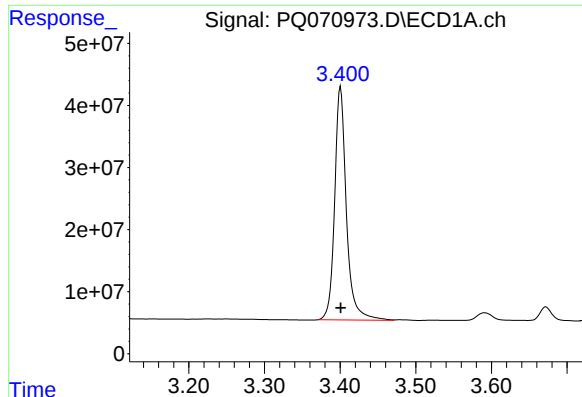
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070973.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 08:57  
Operator : YP\AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 10:54:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 10:49:25 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

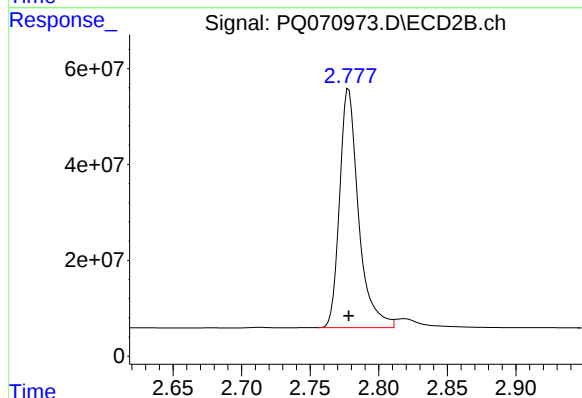




## #1 Tetrachloro-m-xylene

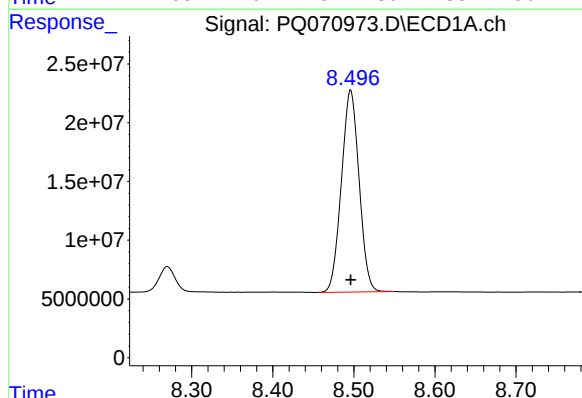
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 404899105  
Conc: 95.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000



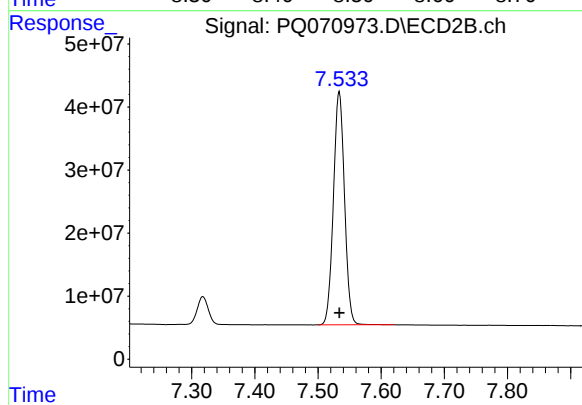
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 479082474  
Conc: 94.83 ng/ml



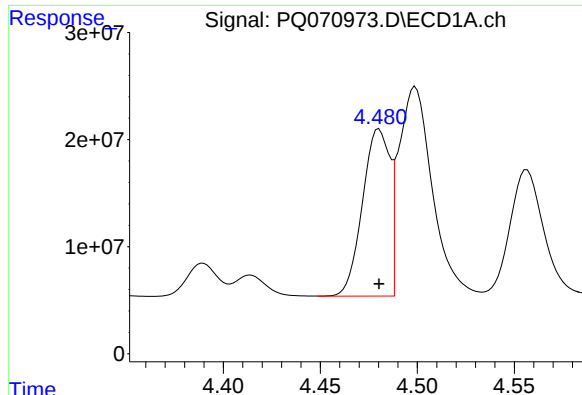
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 260399792  
Conc: 92.65 ng/ml



## #2 Decachlorobiphenyl

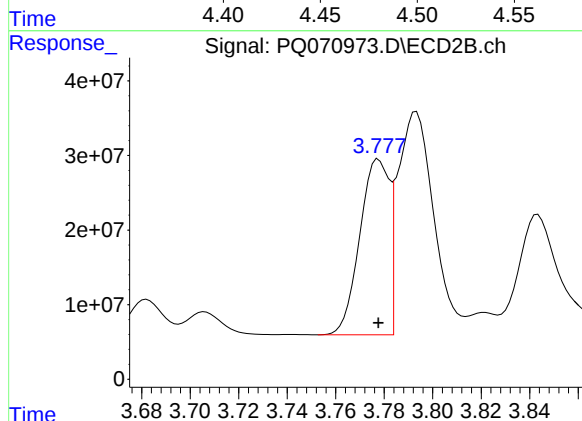
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 451185541  
Conc: 93.25 ng/ml



#3 AR-1016-1

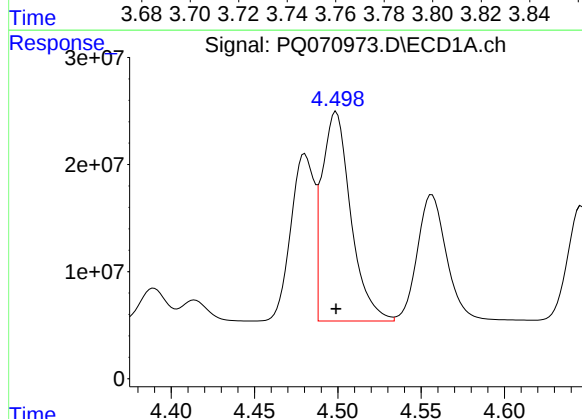
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 152632258  
Conc: 947.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000



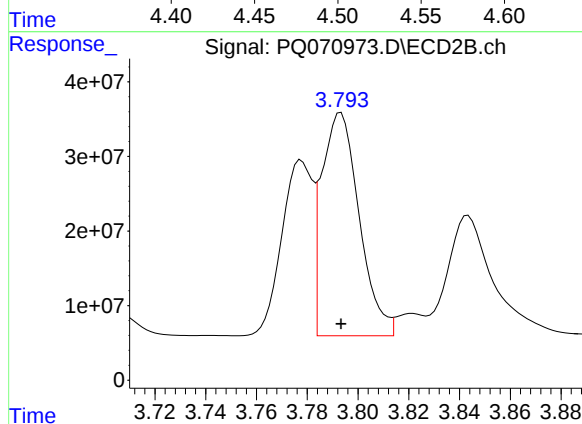
#3 AR-1016-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 198094739  
Conc: 929.40 ng/ml



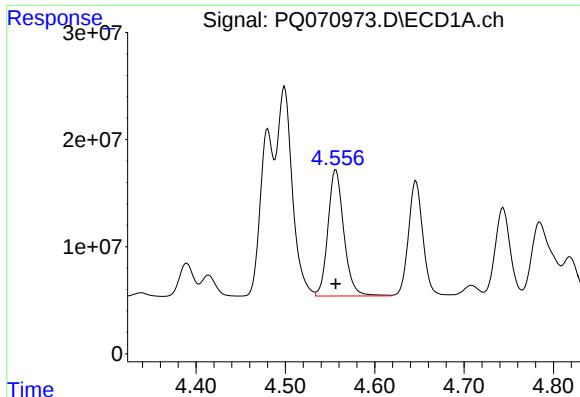
#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 235274296  
Conc: 941.32 ng/ml



#4 AR-1016-2

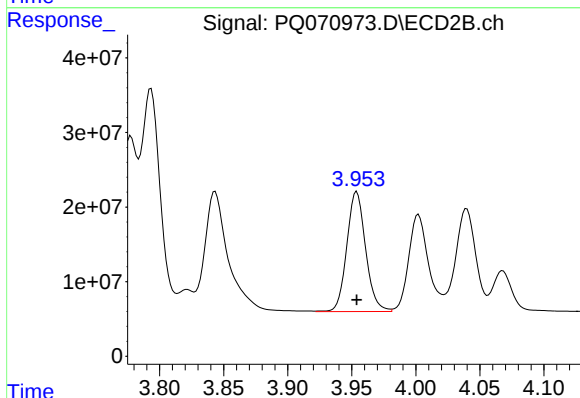
R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 306974778  
Conc: 940.79 ng/ml



#5 AR-1016-3

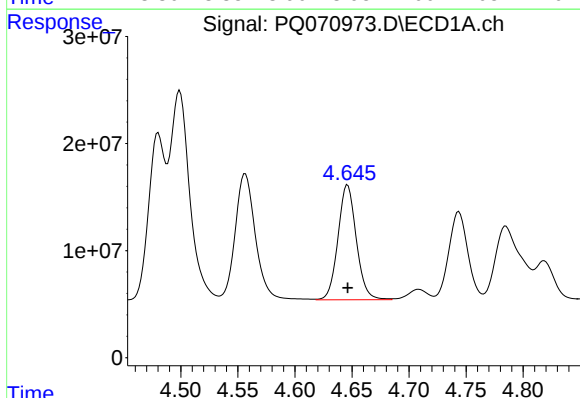
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 145675938  
Conc: 939.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000



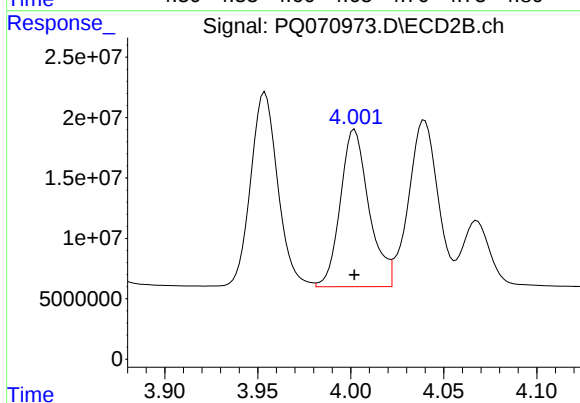
#5 AR-1016-3

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 164197912  
Conc: 934.98 ng/ml



#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 120162951  
Conc: 942.41 ng/ml



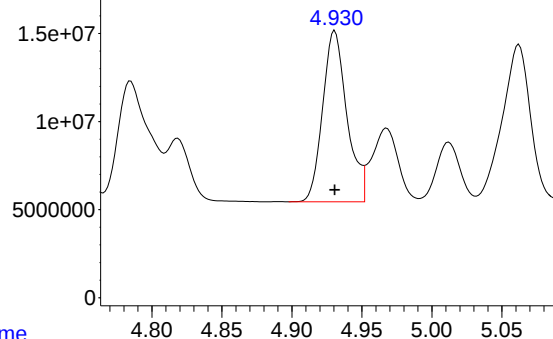
#6 AR-1016-4

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 139678855  
Conc: 928.59 ng/ml

Response\_

Signal: PQ070973.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 117231883  
Conc: 935.73 ng/ml

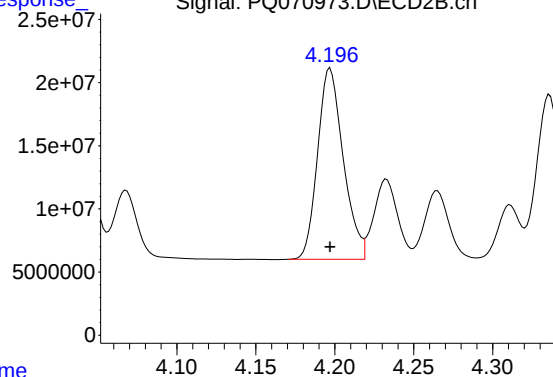
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000

Time

Response

Signal: PQ070973.D\ECD2B.ch

#7 AR-1016-5



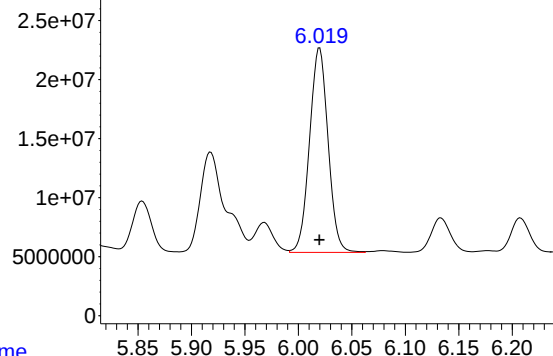
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 171310856  
Conc: 930.34 ng/ml

Time

Response\_

Signal: PQ070973.D\ECD1A.ch

#31 AR-1260-1



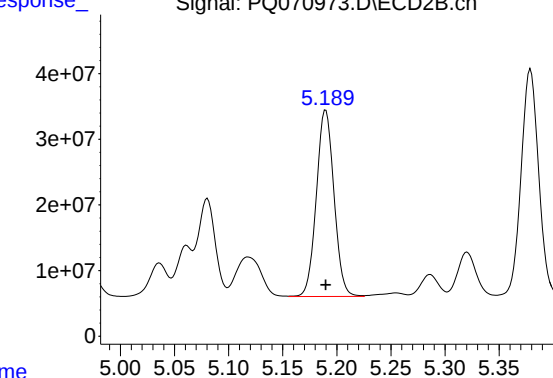
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 208928914  
Conc: 926.91 ng/ml

Time

Response\_

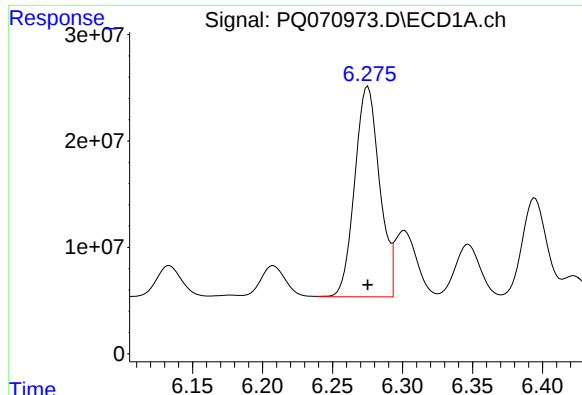
Signal: PQ070973.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.190 min  
Delta R.T.: 0.000 min  
Response: 322104344  
Conc: 936.56 ng/ml

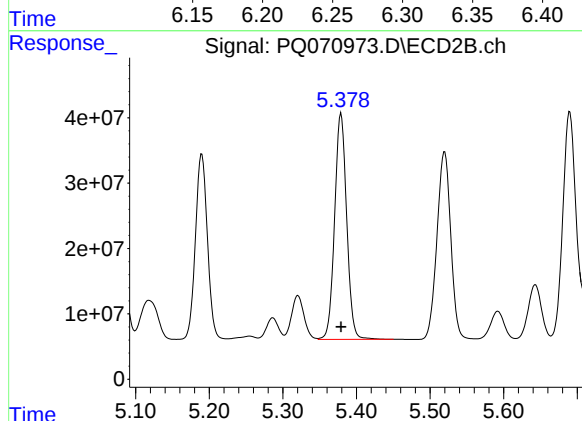
Time



#32 AR-1260-2

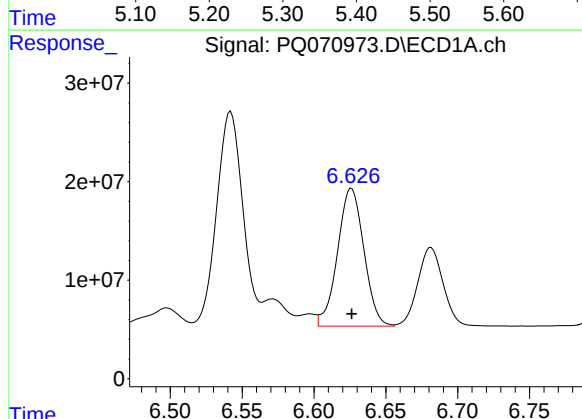
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 243695794  
Conc: 917.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000



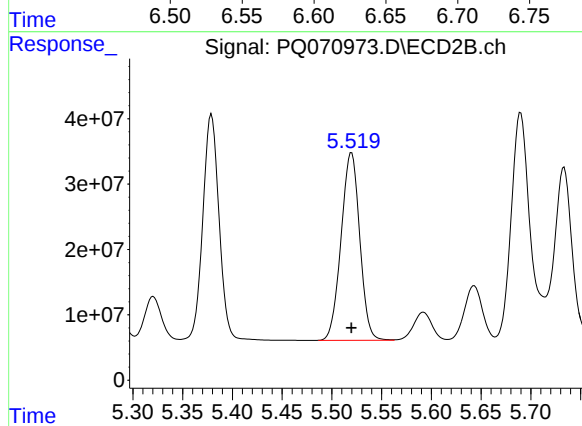
#32 AR-1260-2

R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 392921251  
Conc: 931.91 ng/ml



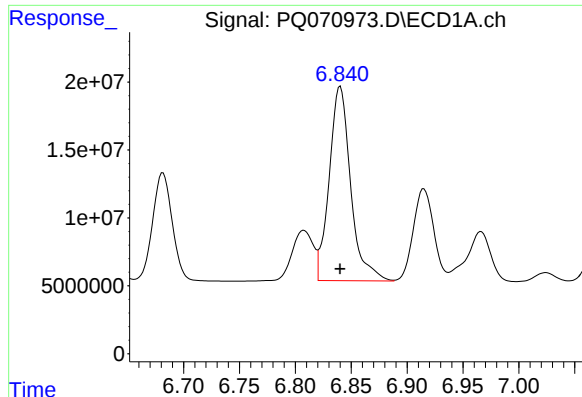
#33 AR-1260-3

R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 178017013  
Conc: 930.39 ng/ml



#33 AR-1260-3

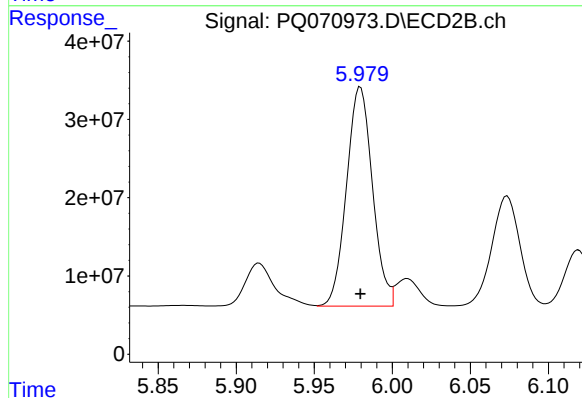
R.T.: 5.520 min  
Delta R.T.: 0.000 min  
Response: 374441100  
Conc: 938.41 ng/ml



#34 AR-1260-4

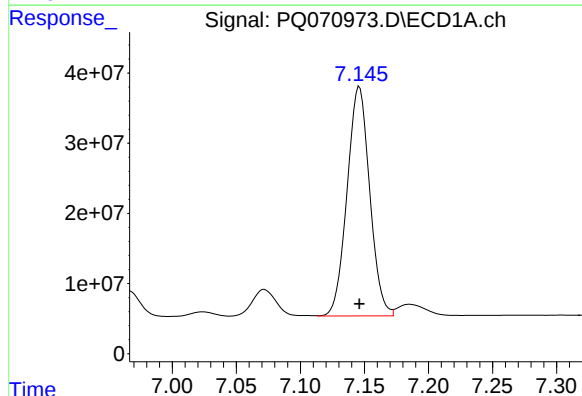
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 191556315  
Conc: 922.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC1000



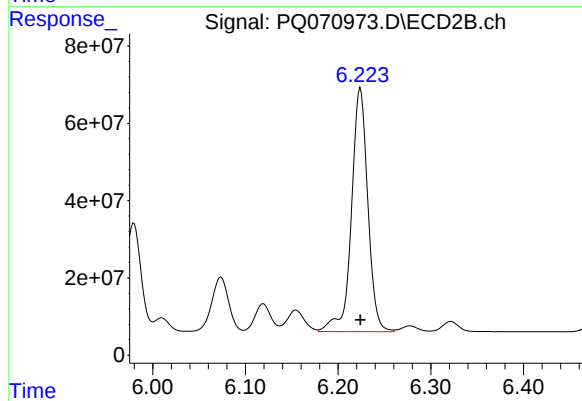
#34 AR-1260-4

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 324169048  
Conc: 936.27 ng/ml



#35 AR-1260-5

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 400986941  
Conc: 945.17 ng/ml



#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 773923407  
Conc: 939.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 09:11  
 Operator : YP\AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 10:57:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 10:49:25 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...          | 3.400 | 2.778 | 331.5E6  | 388.7E6 | 76.997  | 76.286  |
| 2) SA Decachlor...          | 8.496 | 7.534 | 216.6E6  | 372.0E6 | 76.373  | 76.242  |
| Target Compounds            |       |       |          |         |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.778 | 121.0E6  | 162.9E6 | 750.874 | 759.502 |
| 4) L1 AR-1016-2             | 4.499 | 3.794 | 192.6E6  | 252.7E6 | 763.674 | 766.122 |
| 5) L1 AR-1016-3             | 4.556 | 3.954 | 117.6E6  | 135.4E6 | 755.578 | 763.875 |
| 6) L1 AR-1016-4             | 4.646 | 4.002 | 97033800 | 115.6E6 | 757.308 | 762.093 |
| 7) L1 AR-1016-5             | 4.930 | 4.197 | 96409305 | 141.0E6 | 762.905 | 760.395 |
| 31) L7 AR-1260-1            | 6.020 | 5.189 | 175.6E6  | 264.6E6 | 769.253 | 762.765 |
| 32) L7 AR-1260-2            | 6.276 | 5.378 | 206.4E6  | 324.1E6 | 767.783 | 762.288 |
| 33) L7 AR-1260-3            | 6.627 | 5.519 | 147.3E6  | 307.5E6 | 763.182 | 763.633 |
| 34) L7 AR-1260-4            | 6.840 | 5.980 | 160.7E6  | 267.1E6 | 765.822 | 764.087 |
| 35) L7 AR-1260-5            | 7.146 | 6.224 | 327.7E6  | 616.9E6 | 764.763 | 749.377 |
| -----                       |       |       |          |         |         |         |

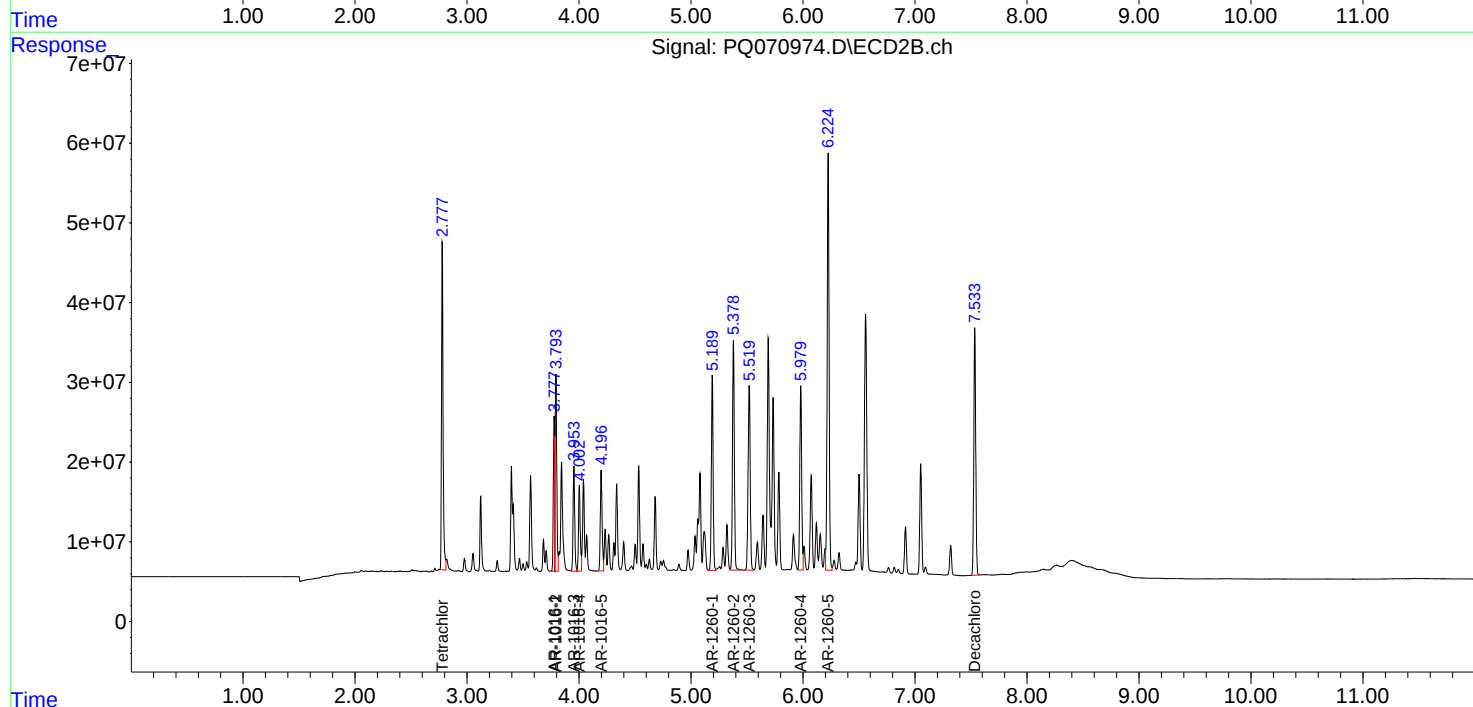
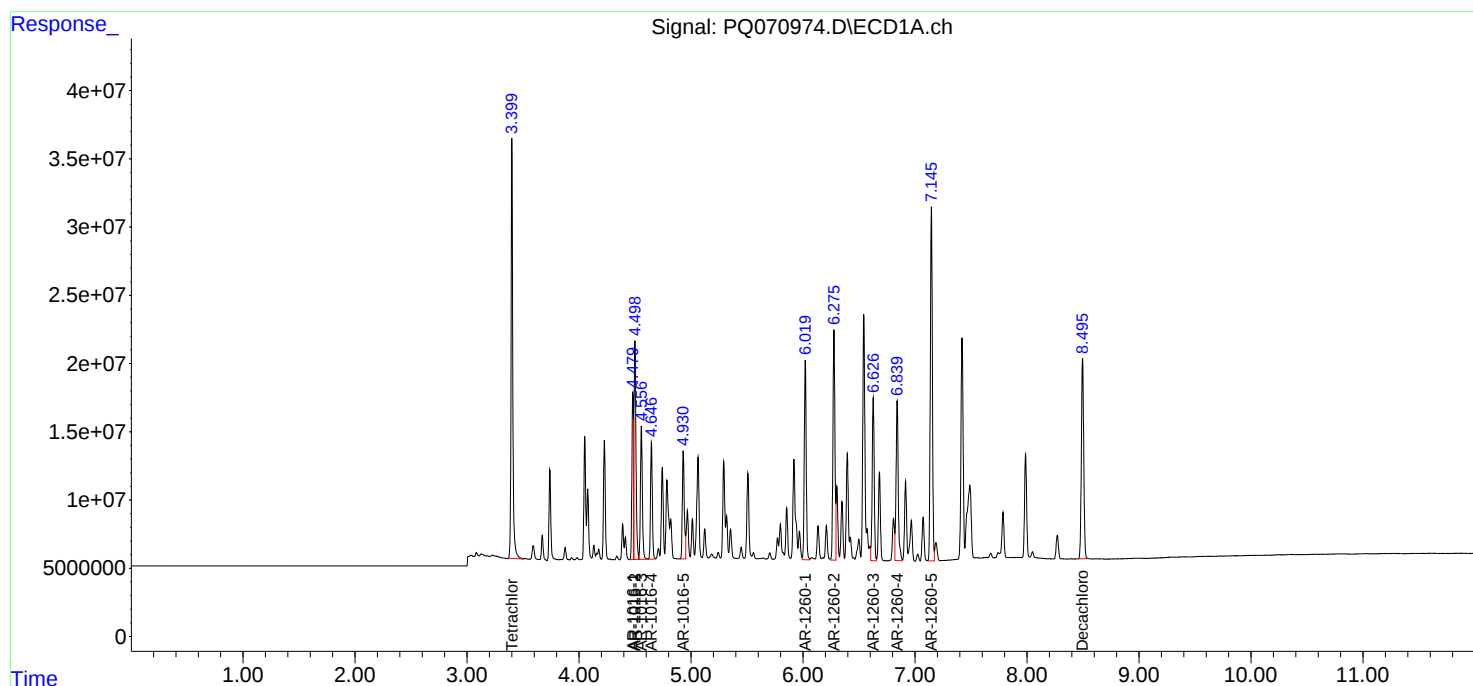
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

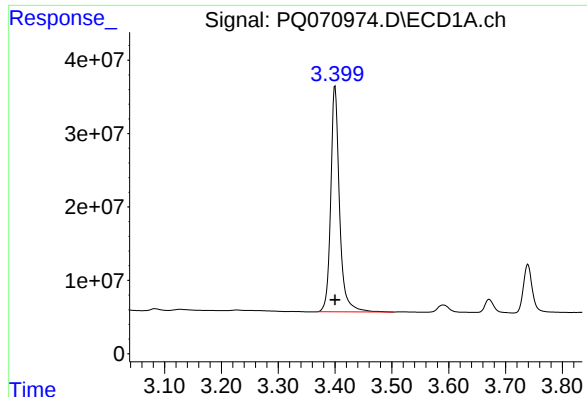
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070974.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:11  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 10:57:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 10:49:25 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

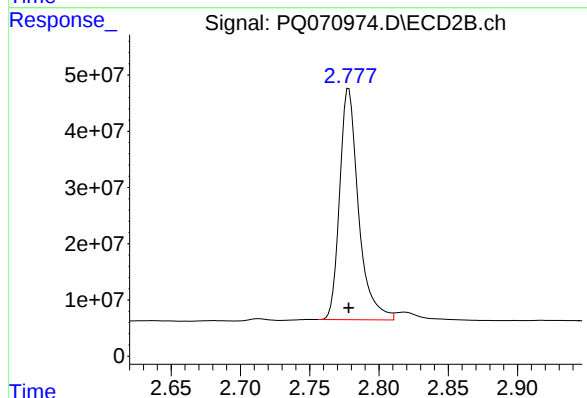




## #1 Tetrachloro-m-xylene

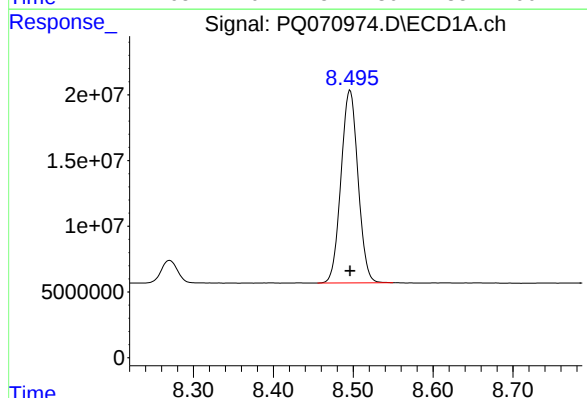
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 331524382  
Conc: 77.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



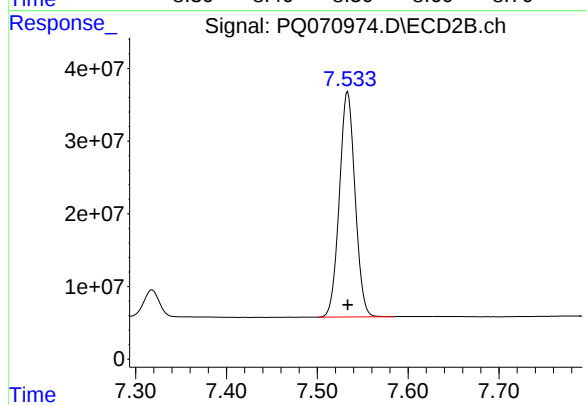
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 388746385  
Conc: 76.29 ng/ml



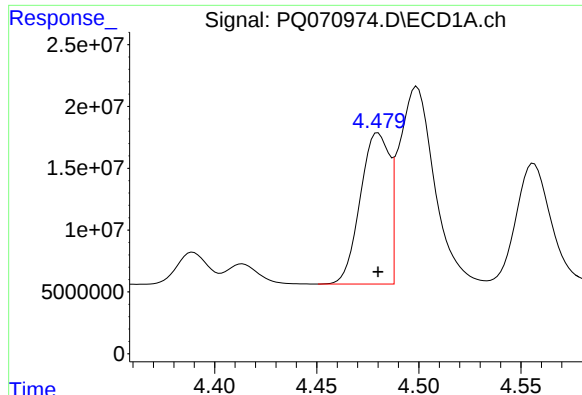
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 216632305  
Conc: 76.37 ng/ml



## #2 Decachlorobiphenyl

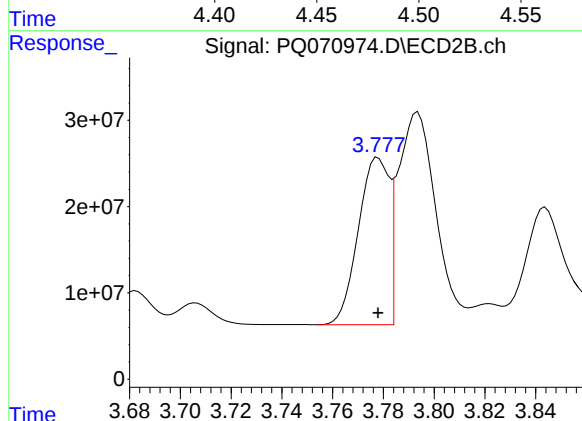
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 371991146  
Conc: 76.24 ng/ml



#3 AR-1016-1

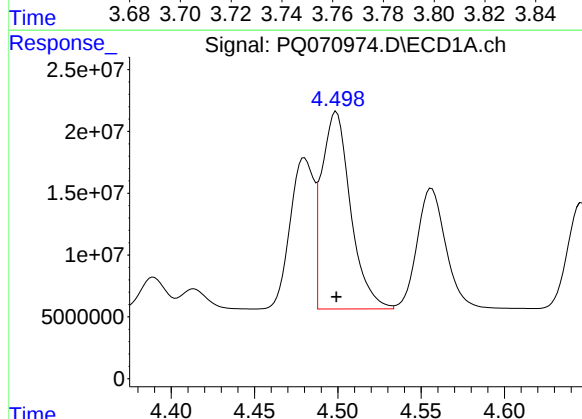
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 121036095  
Conc: 750.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



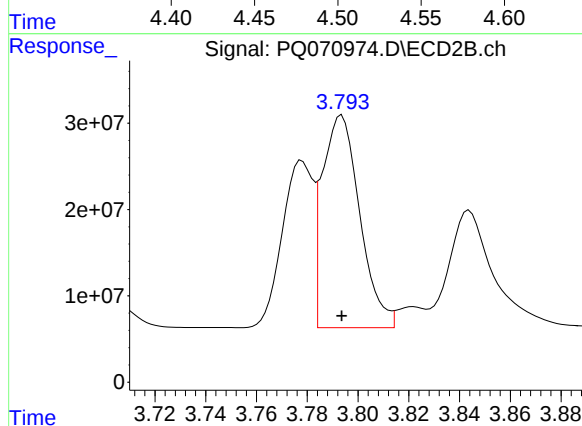
#3 AR-1016-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 162913864  
Conc: 759.50 ng/ml



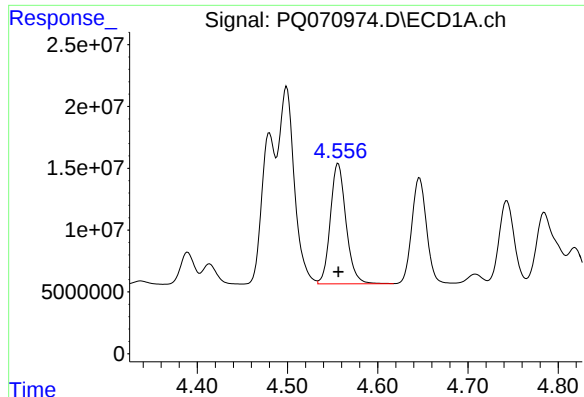
#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 192628730  
Conc: 763.67 ng/ml



#4 AR-1016-2

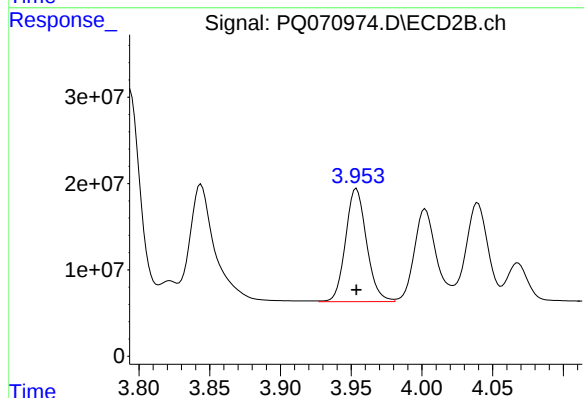
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 252696401  
Conc: 766.12 ng/ml



#5 AR-1016-3

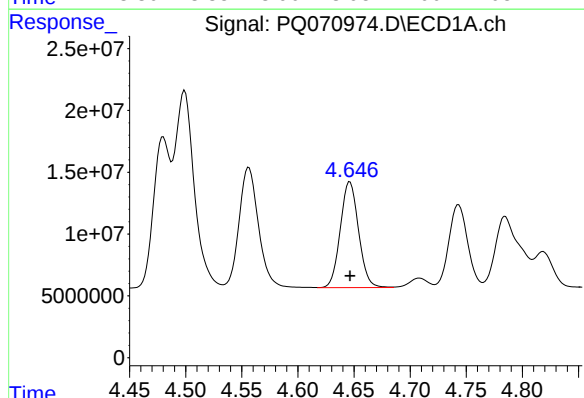
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 117587028  
Conc: 755.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



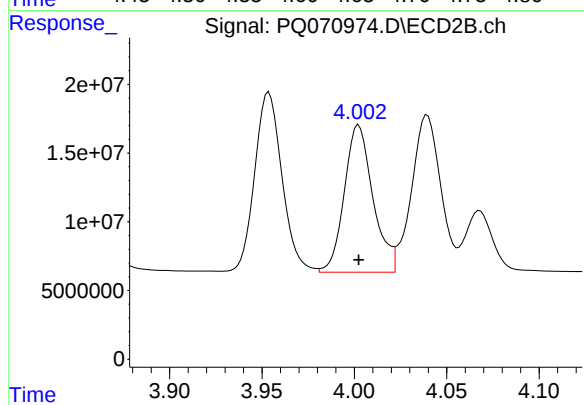
#5 AR-1016-3

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 135401603  
Conc: 763.88 ng/ml



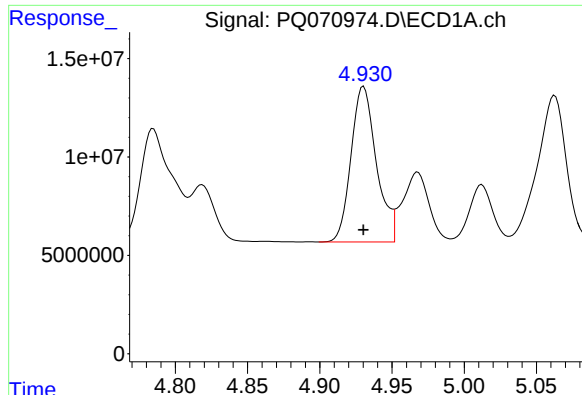
#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 97033800  
Conc: 757.31 ng/ml



#6 AR-1016-4

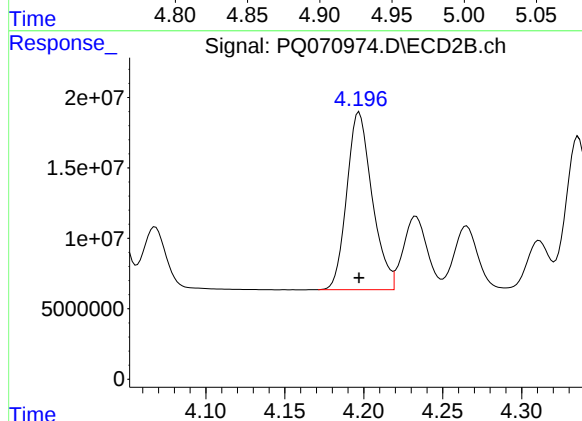
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 115566331  
Conc: 762.09 ng/ml



#7 AR-1016-5

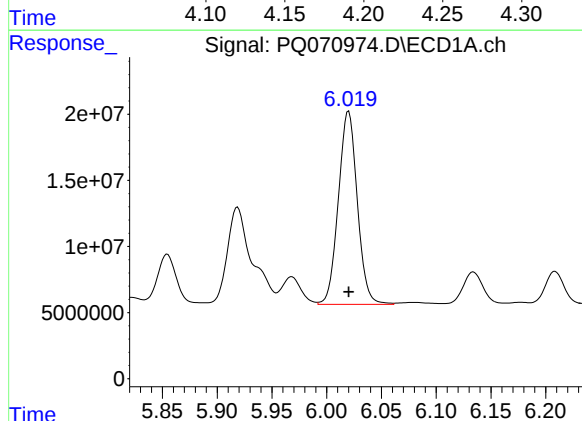
R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 96409305  
Conc: 762.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



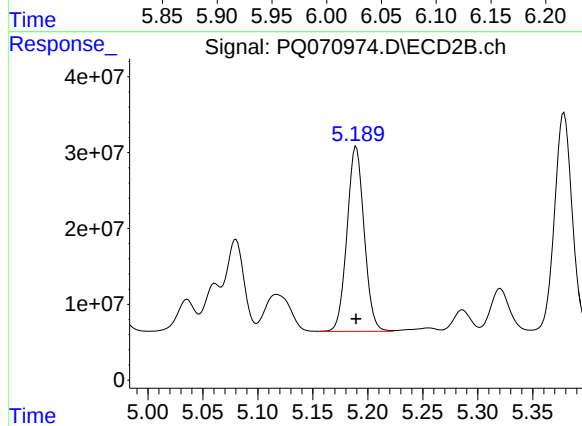
#7 AR-1016-5

R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 140993849  
Conc: 760.39 ng/ml



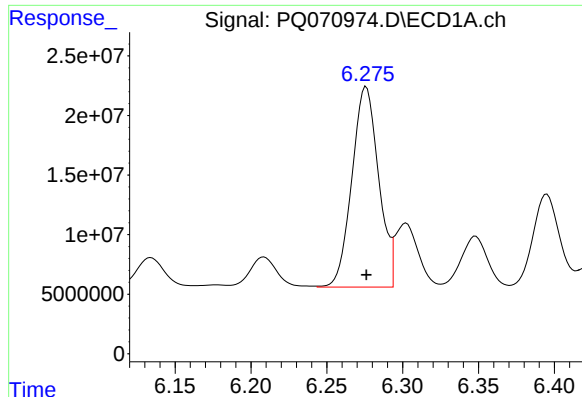
#31 AR-1260-1

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 175646524  
Conc: 769.25 ng/ml



#31 AR-1260-1

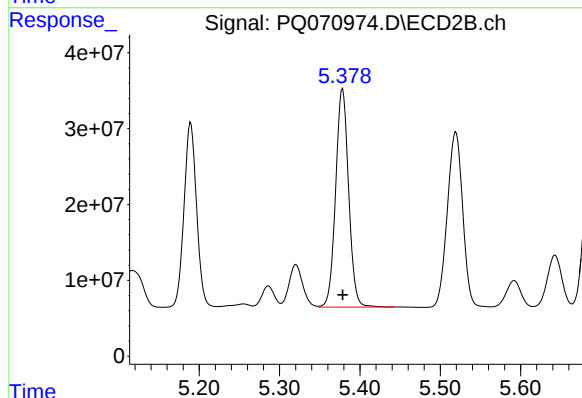
R.T.: 5.189 min  
Delta R.T.: 0.000 min  
Response: 264584355  
Conc: 762.77 ng/ml



#32 AR-1260-2

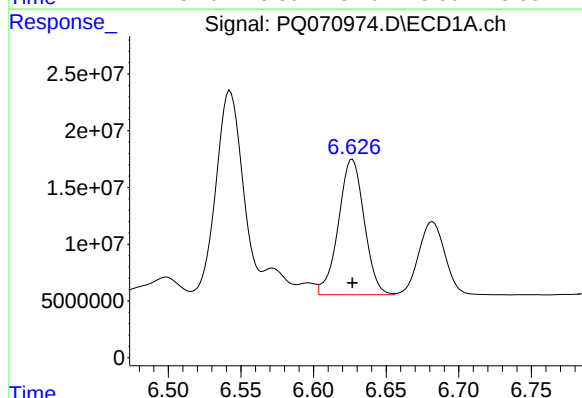
R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 206449688  
Conc: 767.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



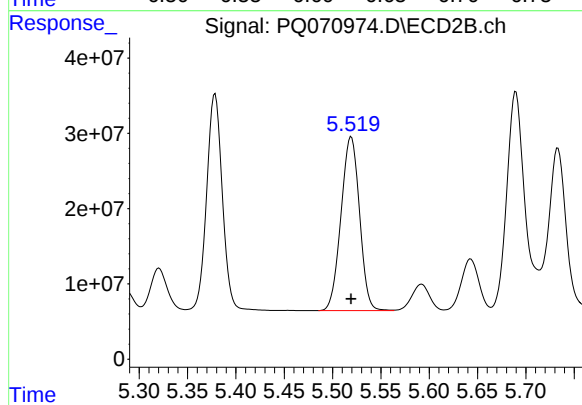
#32 AR-1260-2

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 324058699  
Conc: 762.29 ng/ml



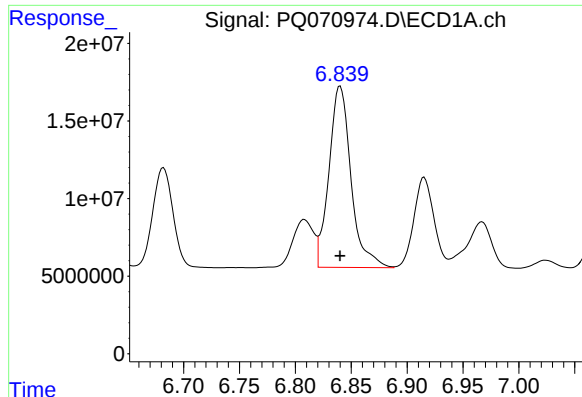
#33 AR-1260-3

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 147318344  
Conc: 763.18 ng/ml



#33 AR-1260-3

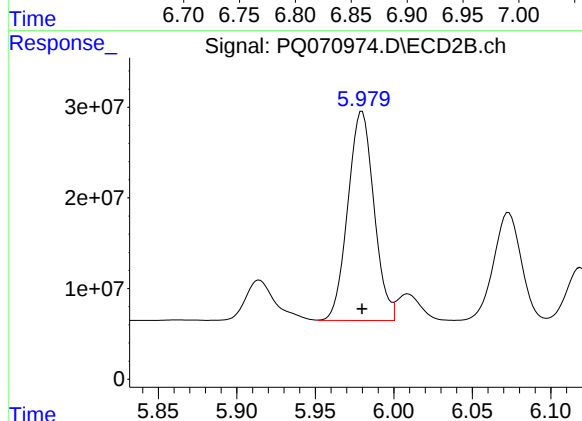
R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 307498276  
Conc: 763.63 ng/ml



#34 AR-1260-4

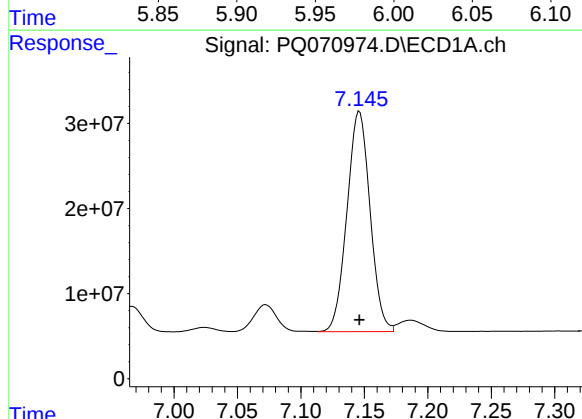
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 160697330  
Conc: 765.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750



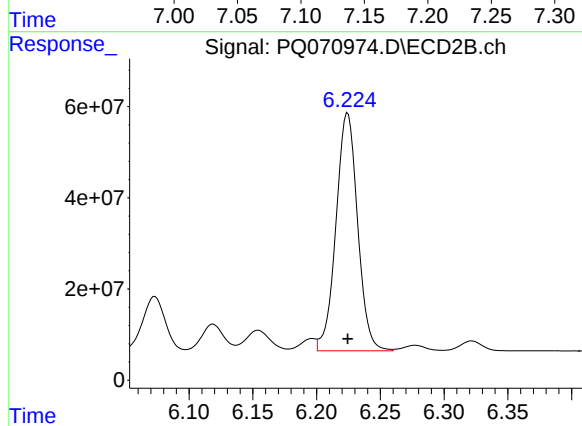
#34 AR-1260-4

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 267062083  
Conc: 764.09 ng/ml



#35 AR-1260-5

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 327673748  
Conc: 764.76 ng/ml



#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 616861043  
Conc: 749.38 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070975.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 09:26  
 Operator : YP\AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 10:49:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 10:49:25 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...          | 3.400 | 2.778 | 222.4E6  | 265.7E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 150.9E6  | 258.3E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.778 | 84783442 | 114.1E6  | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 4.499 | 3.793 | 132.3E6  | 172.8E6  | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 4.556 | 3.953 | 82208498 | 93517571 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 4.646 | 4.002 | 67424126 | 80581398 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 4.931 | 4.197 | 66668174 | 98481559 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 6.019 | 5.189 | 120.9E6  | 182.9E6  | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 6.275 | 5.378 | 143.9E6  | 225.2E6  | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 6.626 | 5.519 | 102.3E6  | 211.8E6  | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 6.840 | 5.979 | 111.8E6  | 184.2E6  | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 7.145 | 6.224 | 223.8E6  | 436.5E6  | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

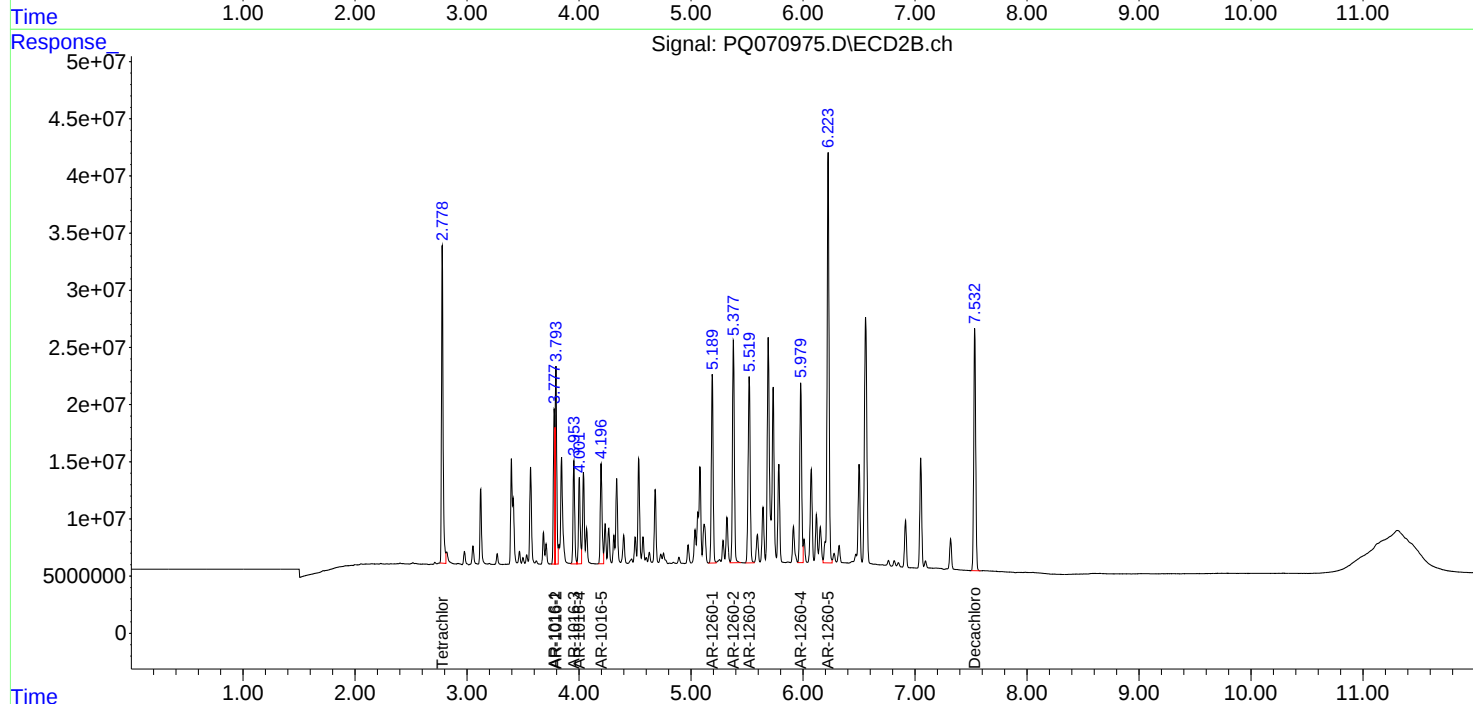
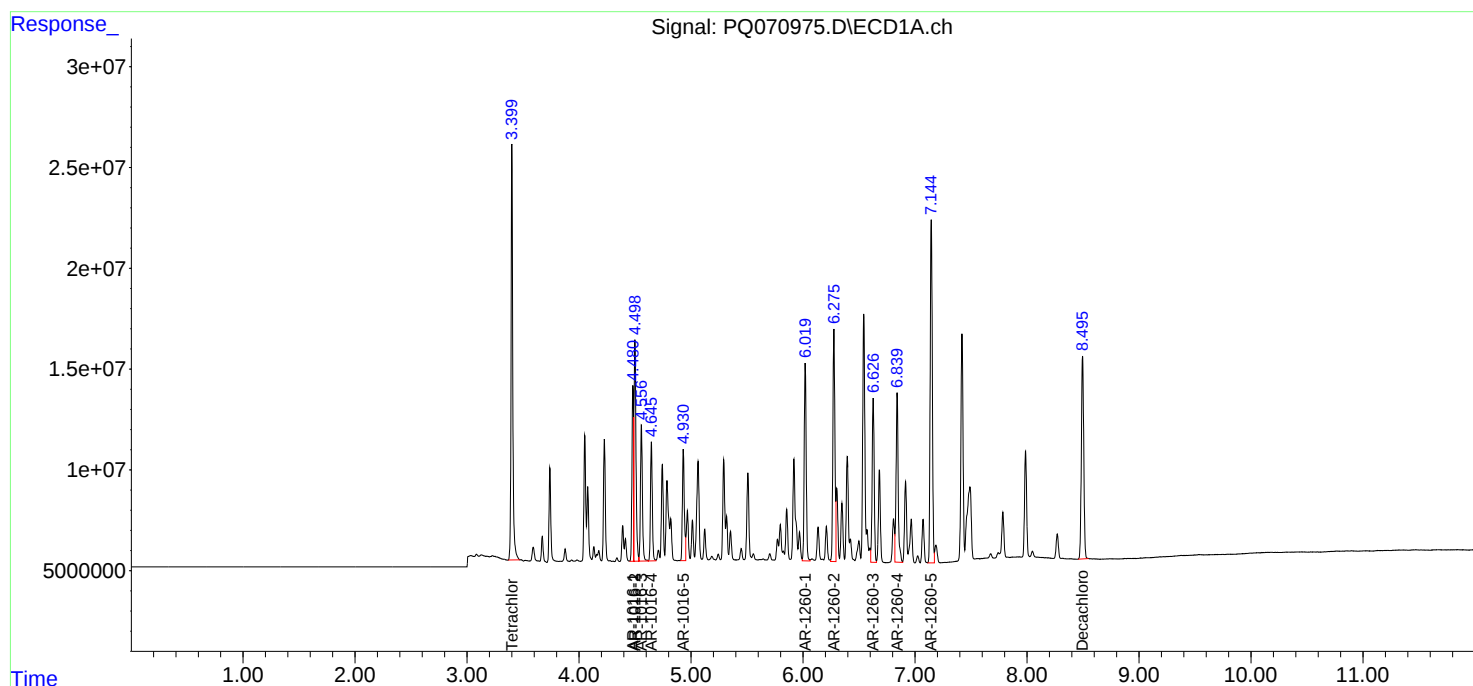
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

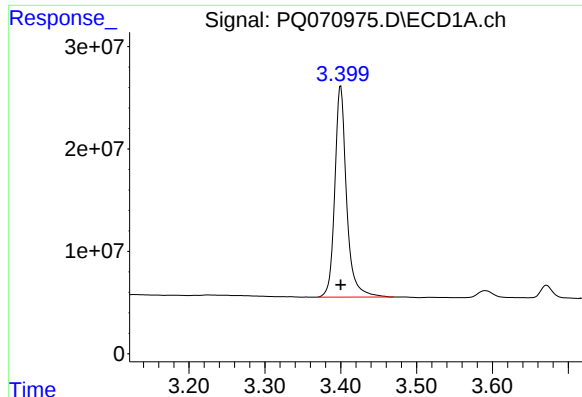
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070975.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:26  
Operator : YP\AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 10:49:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 10:49:25 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

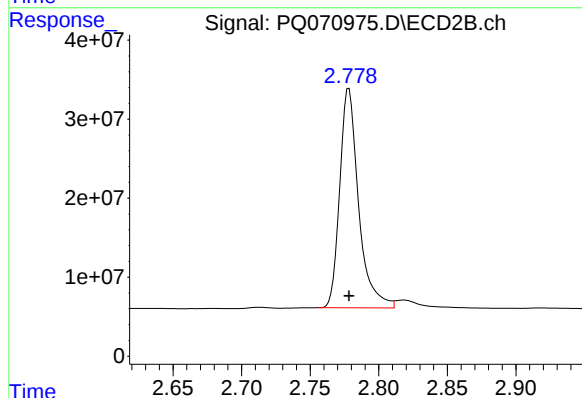




## #1 Tetrachloro-m-xylene

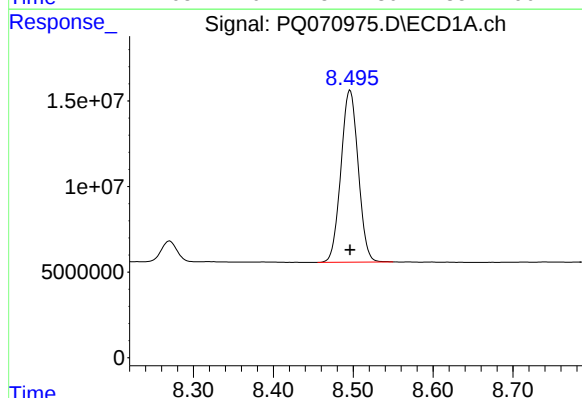
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 222389121  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500



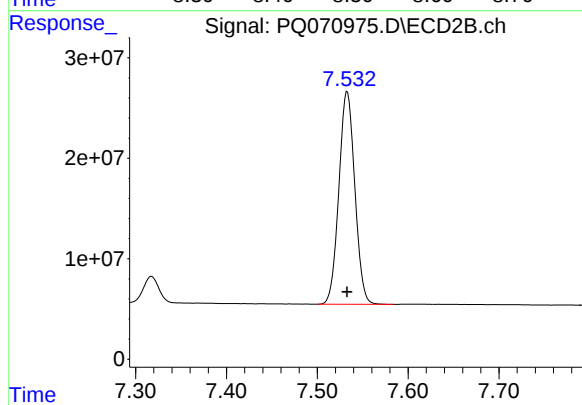
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 265685397  
Conc: 50.00 ng/ml



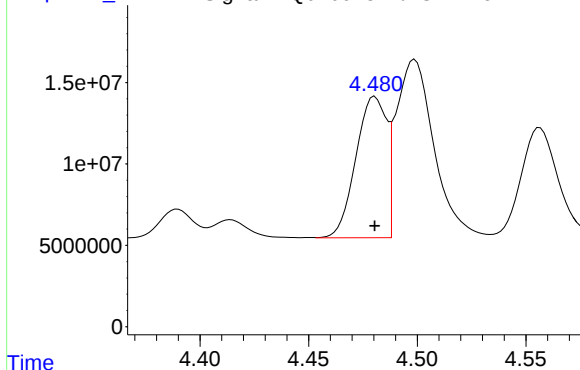
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 150851883  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 258271490  
Conc: 50.00 ng/ml



R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 84783442  
Conc: 500.00 ng/ml

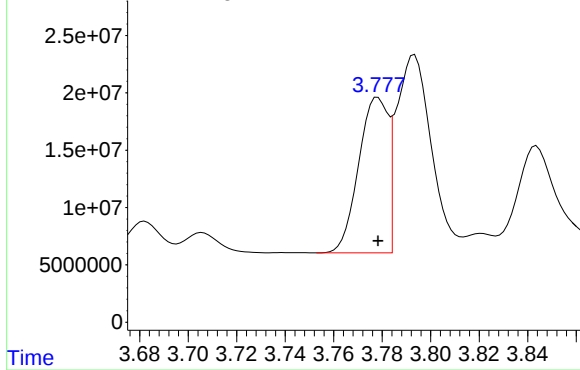
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500

Time

Response\_

Signal: PQ070975.D\ECD2B.ch

#3 AR-1016-1



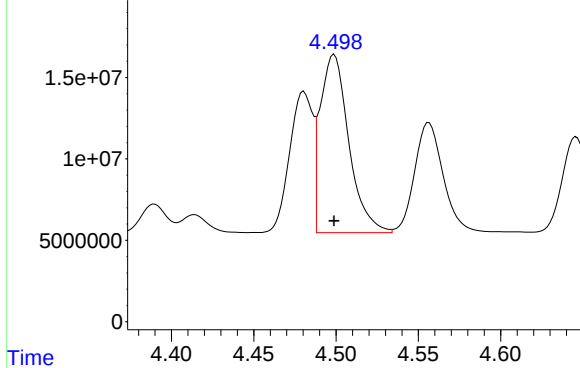
R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 114094944  
Conc: 500.00 ng/ml

Time

Response\_

Signal: PQ070975.D\ECD1A.ch

#4 AR-1016-2



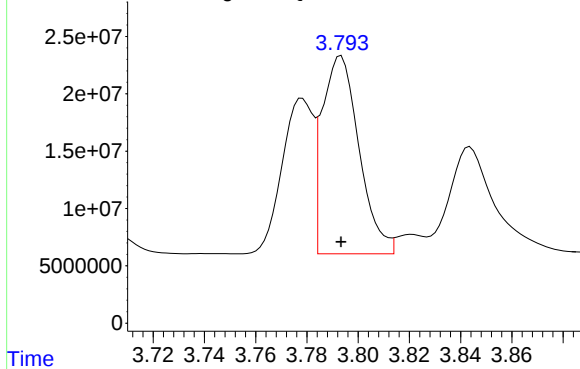
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 132302716  
Conc: 500.00 ng/ml

Time

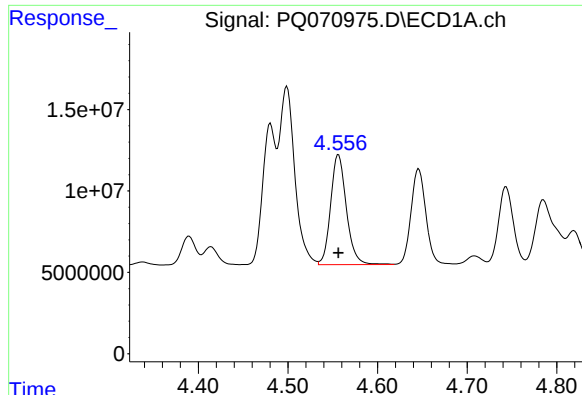
Response\_

Signal: PQ070975.D\ECD2B.ch

#4 AR-1016-2



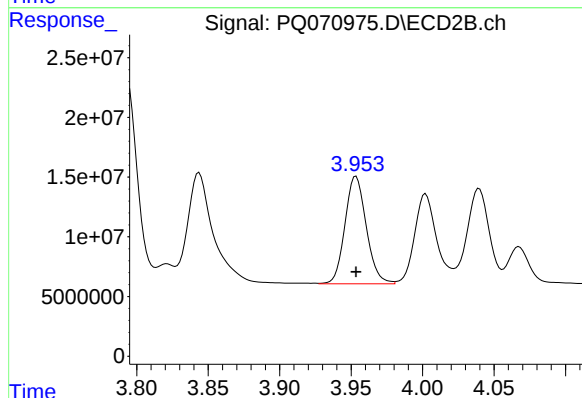
R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 172805809  
Conc: 500.00 ng/ml



#5 AR-1016-3

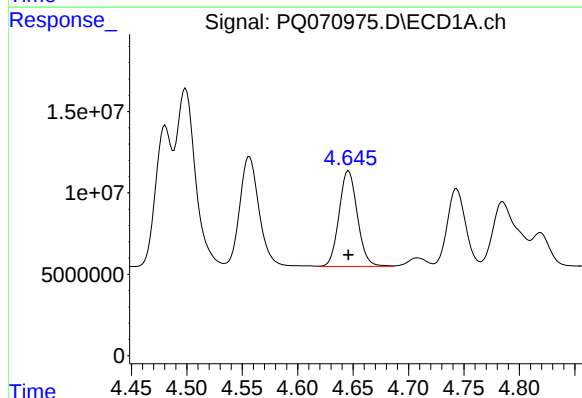
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 82208498  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500



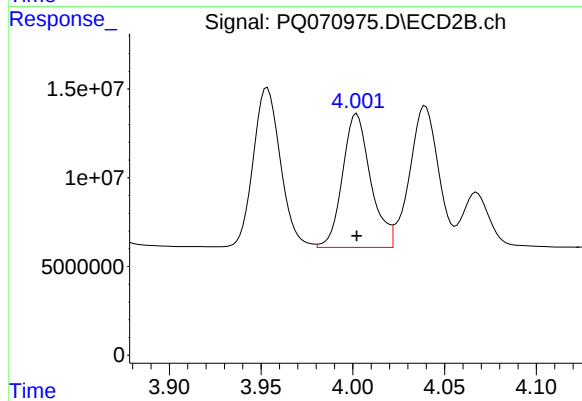
#5 AR-1016-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 93517571  
Conc: 500.00 ng/ml



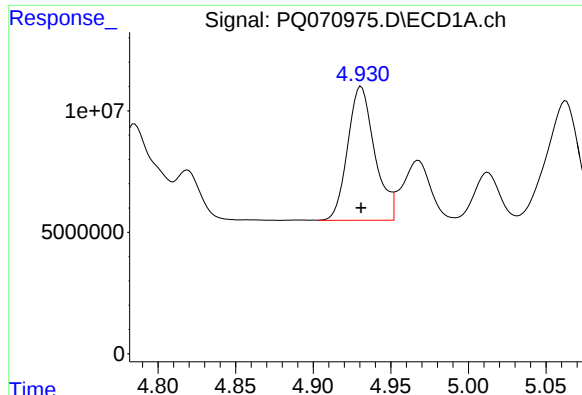
#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 67424126  
Conc: 500.00 ng/ml



#6 AR-1016-4

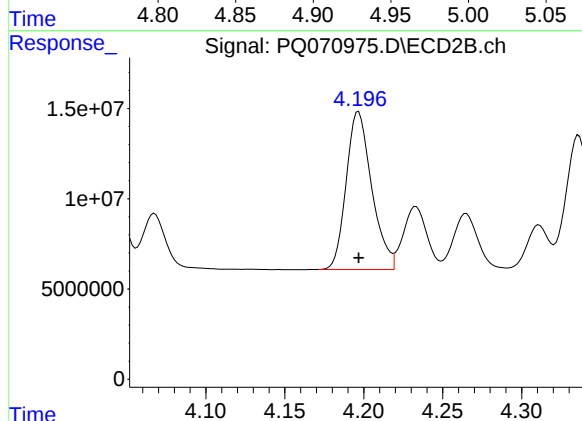
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 80581398  
Conc: 500.00 ng/ml



#7 AR-1016-5

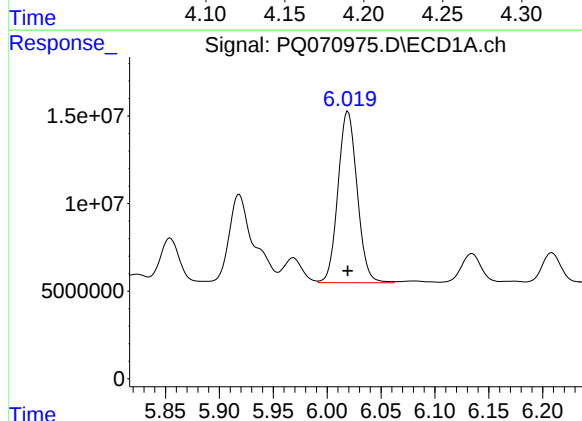
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 66668174  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500



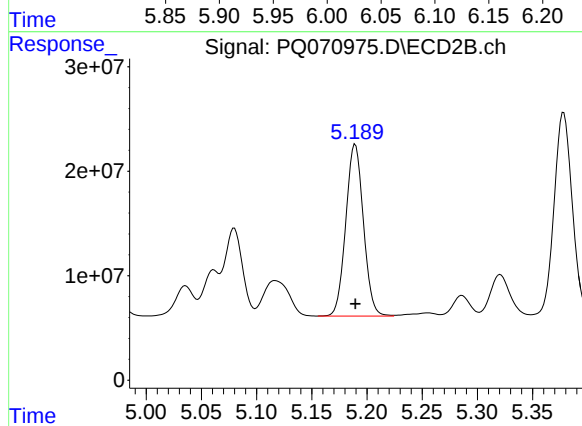
#7 AR-1016-5

R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 98481559  
Conc: 500.00 ng/ml



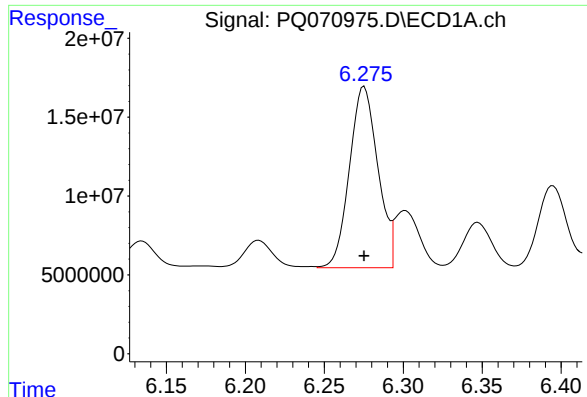
#31 AR-1260-1

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 120938759  
Conc: 500.00 ng/ml



#31 AR-1260-1

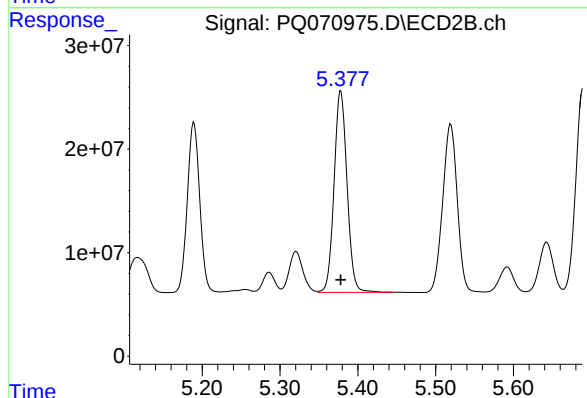
R.T.: 5.189 min  
Delta R.T.: 0.000 min  
Response: 182871121  
Conc: 500.00 ng/ml



#32 AR-1260-2

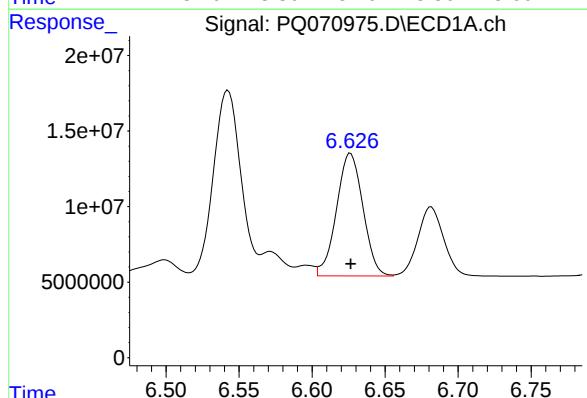
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 143855136  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500



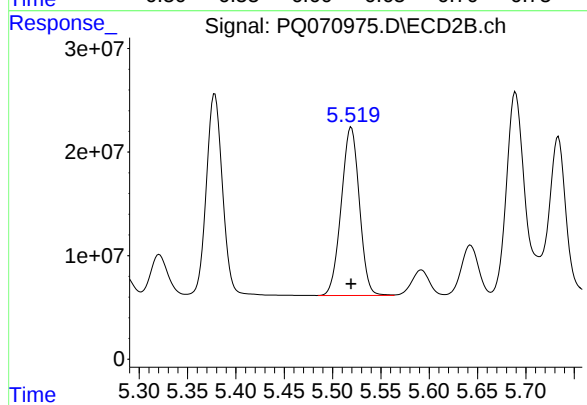
#32 AR-1260-2

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 225169968  
Conc: 500.00 ng/ml



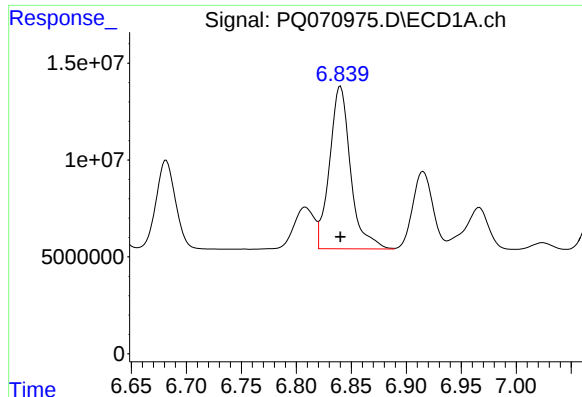
#33 AR-1260-3

R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 102326803  
Conc: 500.00 ng/ml



#33 AR-1260-3

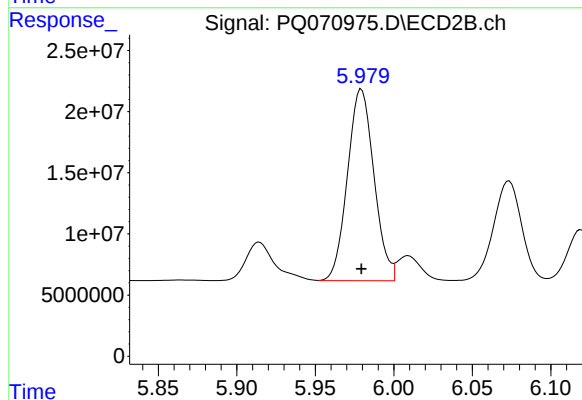
R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 211797535  
Conc: 500.00 ng/ml



#34 AR-1260-4

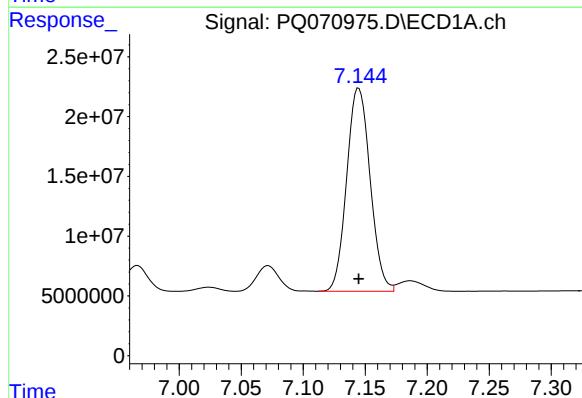
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 111845082  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC500



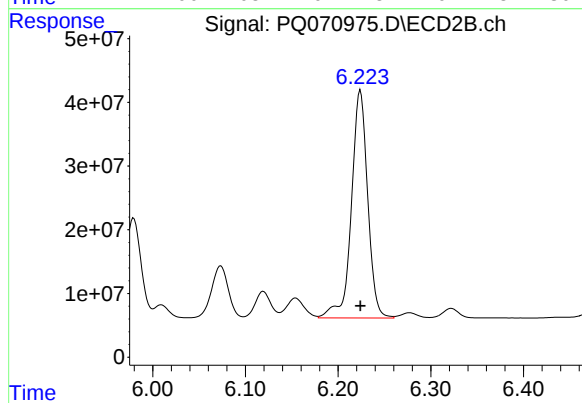
#34 AR-1260-4

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 184150913  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 223753809  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 436544757  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 09:40  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 11:01:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 10:49:25 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...          | 3.400 | 2.778 | 112.4E6  | 132.6E6  | 25.824  | 25.753  |
| 2) SA Decachlor...          | 8.495 | 7.534 | 77430043 | 134.0E6  | 26.685  | 26.803  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.778 | 43873025 | 59445752 | 266.271 | 269.814 |
| 4) L1 AR-1016-2             | 4.499 | 3.794 | 67879501 | 89768912 | 264.062 | 266.260 |
| 5) L1 AR-1016-3             | 4.557 | 3.954 | 42399194 | 48815753 | 266.464 | 268.576 |
| 6) L1 AR-1016-4             | 4.646 | 4.003 | 34575940 | 42722621 | 264.598 | 273.066 |
| 7) L1 AR-1016-5             | 4.931 | 4.197 | 34076692 | 51408265 | 264.457 | 269.895 |
| 31) L7 AR-1260-1            | 6.019 | 5.190 | 61964969 | 95539541 | 265.698 | 268.599 |
| 32) L7 AR-1260-2            | 6.275 | 5.379 | 74180101 | 116.7E6  | 268.916 | 267.943 |
| 33) L7 AR-1260-3            | 6.626 | 5.520 | 52397657 | 109.0E6  | 265.747 | 265.224 |
| 34) L7 AR-1260-4            | 6.840 | 5.980 | 57203584 | 95029278 | 266.583 | 266.063 |
| 35) L7 AR-1260-5            | 7.146 | 6.224 | 113.0E6  | 220.2E6  | 260.134 | 262.889 |
| -----                       |       |       |          |          |         |         |

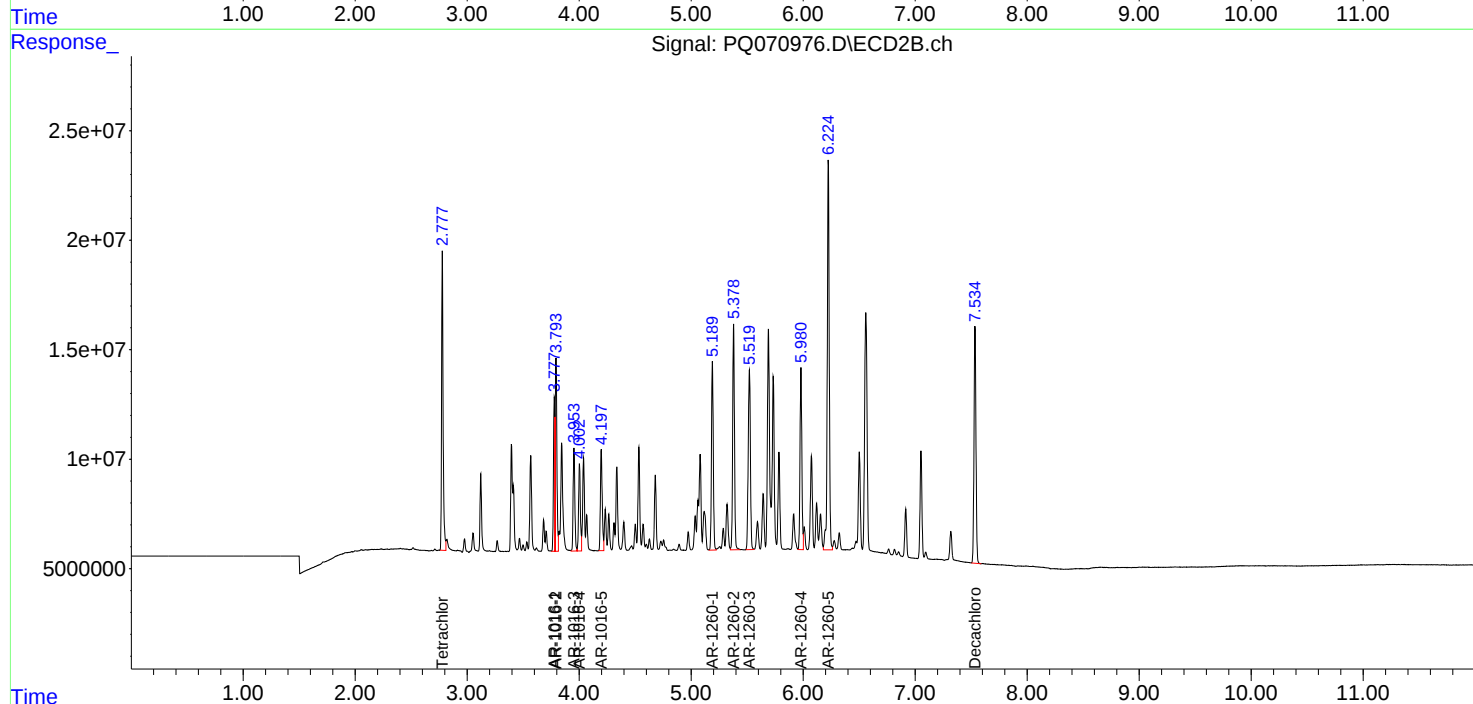
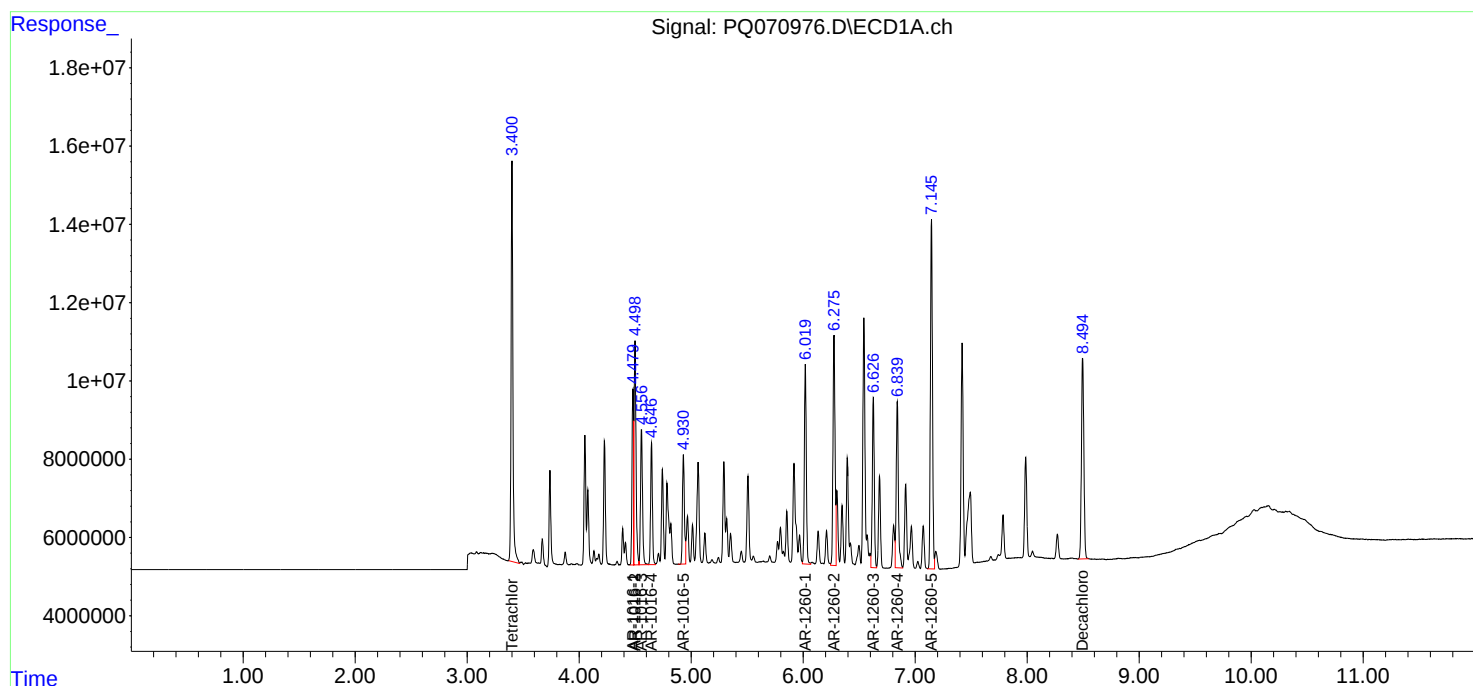
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

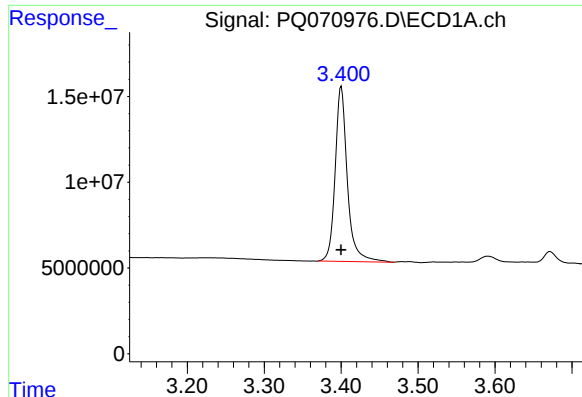
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070976.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:40  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:01:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 10:49:25 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

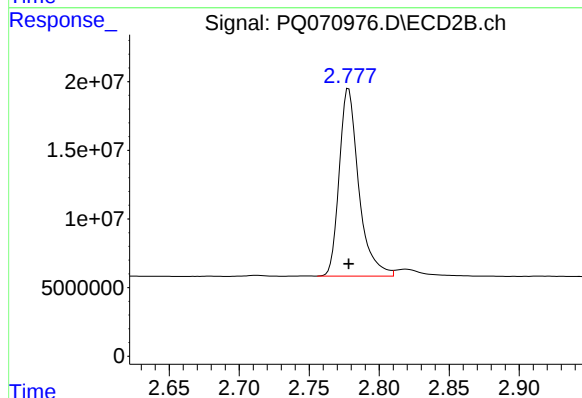




## #1 Tetrachloro-m-xylene

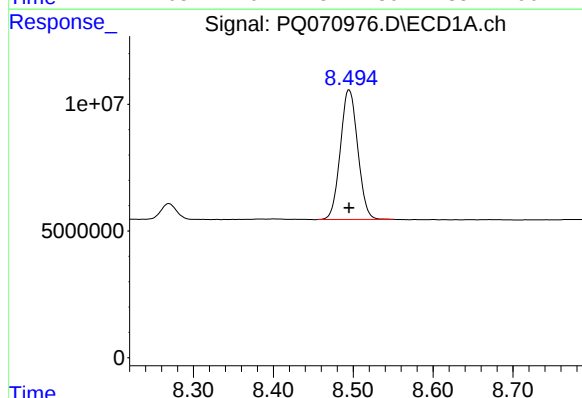
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 112427951  
Conc: 25.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250



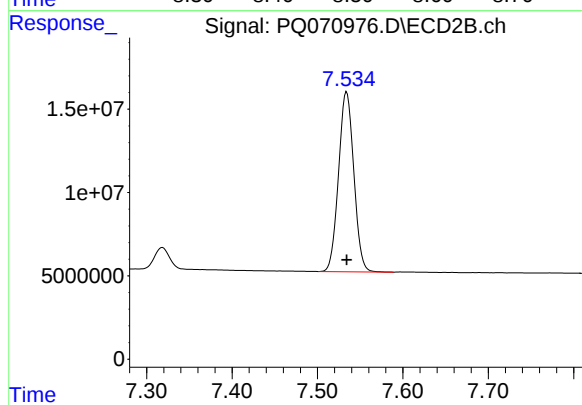
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 132564653  
Conc: 25.75 ng/ml



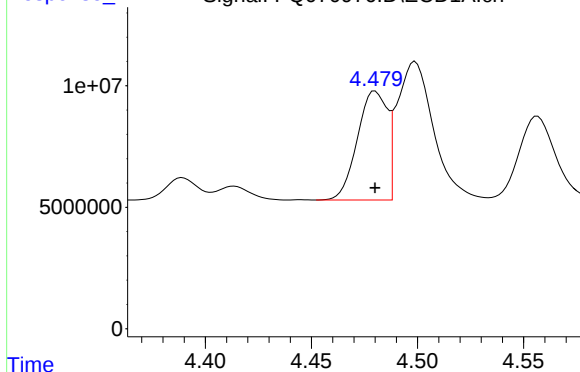
## #2 Decachlorobiphenyl

R.T.: 8.495 min  
Delta R.T.: 0.000 min  
Response: 77430043  
Conc: 26.68 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 133997963  
Conc: 26.80 ng/ml



R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 43873025  
Conc: 266.27 ng/ml

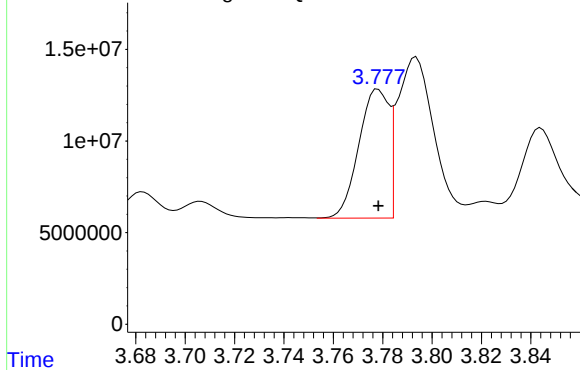
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250

Time

Response\_

Signal: PQ070976.D\ECD2B.ch

#3 AR-1016-1



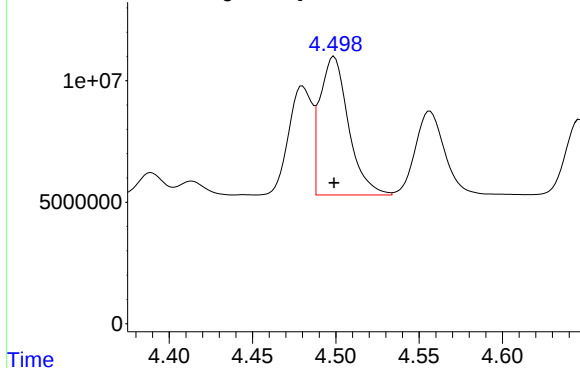
R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 59445752  
Conc: 269.81 ng/ml

Time

Response\_

Signal: PQ070976.D\ECD1A.ch

#4 AR-1016-2



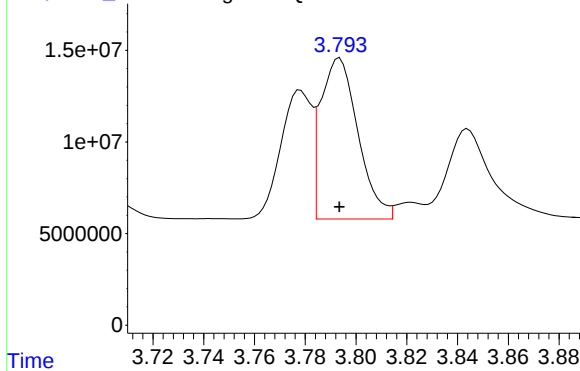
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 67879501  
Conc: 264.06 ng/ml

Time

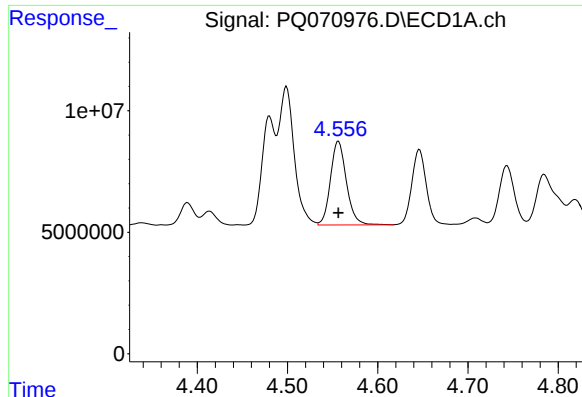
Response\_

Signal: PQ070976.D\ECD2B.ch

#4 AR-1016-2



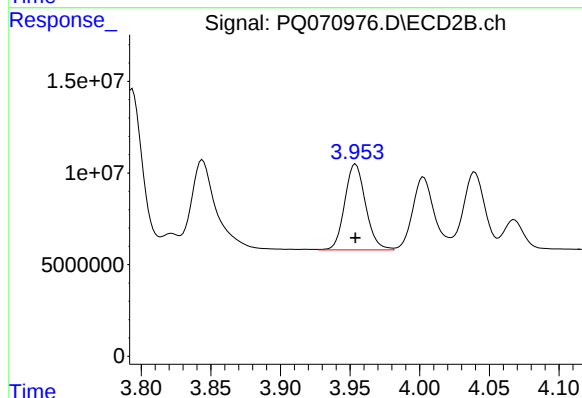
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 89768912  
Conc: 266.26 ng/ml



#5 AR-1016-3

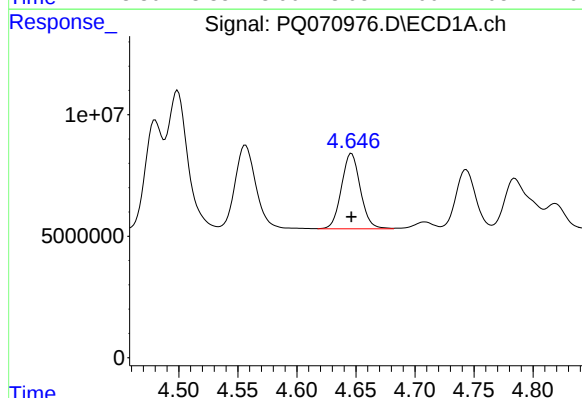
R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 42399194  
Conc: 266.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250



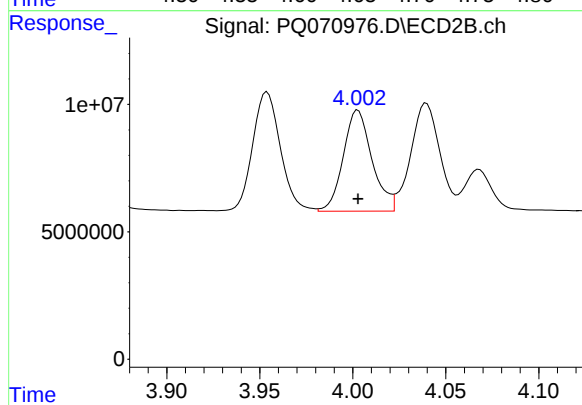
#5 AR-1016-3

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 48815753  
Conc: 268.58 ng/ml



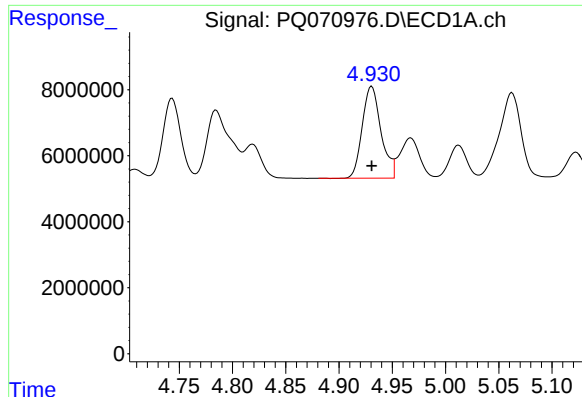
#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 34575940  
Conc: 264.60 ng/ml



#6 AR-1016-4

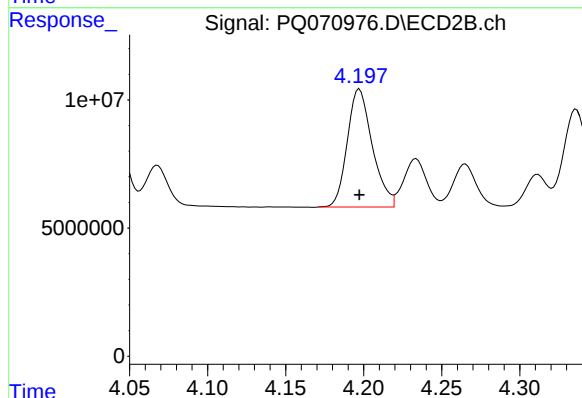
R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 42722621  
Conc: 273.07 ng/ml



#7 AR-1016-5

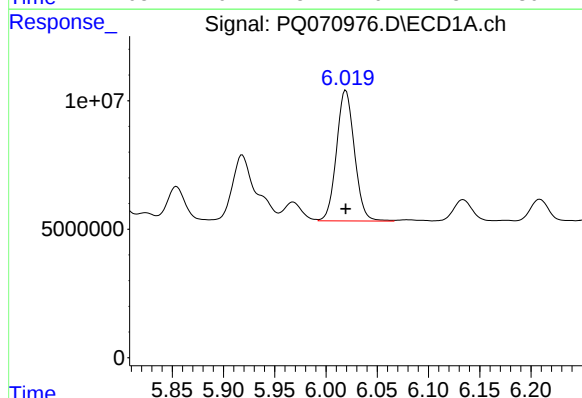
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 34076692  
Conc: 264.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250



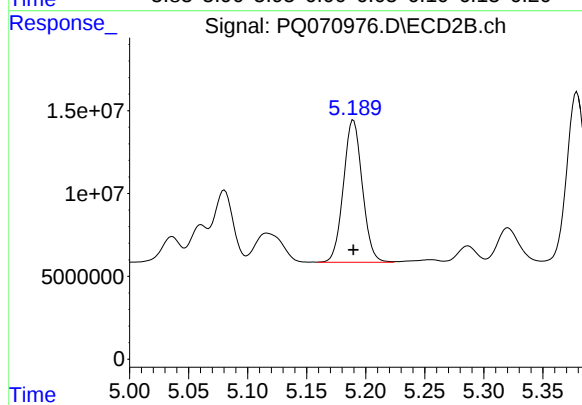
#7 AR-1016-5

R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 51408265  
Conc: 269.90 ng/ml



#31 AR-1260-1

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 61964969  
Conc: 265.70 ng/ml



#31 AR-1260-1

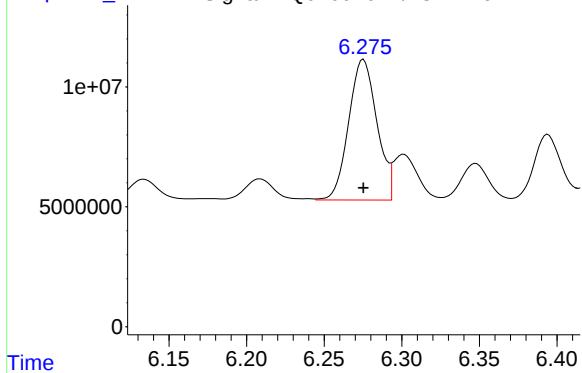
R.T.: 5.190 min  
Delta R.T.: 0.000 min  
Response: 95539541  
Conc: 268.60 ng/ml

Response\_

Signal: PQ070976.D\ECD1A.ch

#32 AR-1260-2

ICAL Form



R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 74180101  
Conc: 268.92 ng/ml

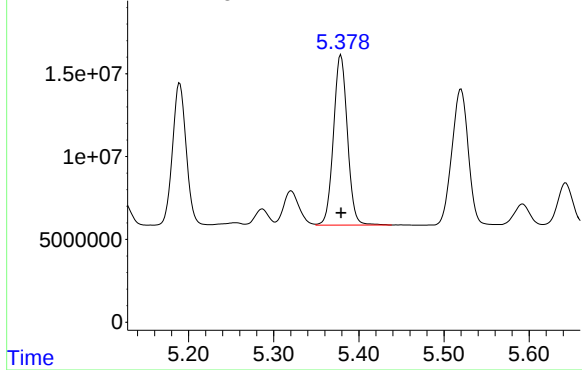
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250

Time

Response\_

Signal: PQ070976.D\ECD2B.ch

#32 AR-1260-2



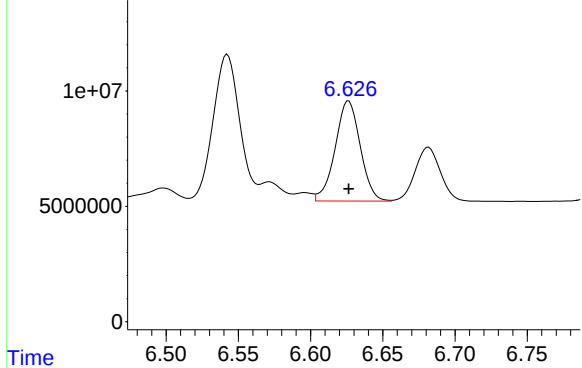
R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 116697737  
Conc: 267.94 ng/ml

Time

Response\_

Signal: PQ070976.D\ECD1A.ch

#33 AR-1260-3



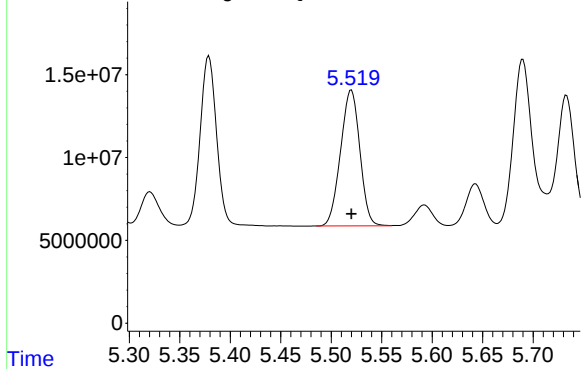
R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 52397657  
Conc: 265.75 ng/ml

Time

Response\_

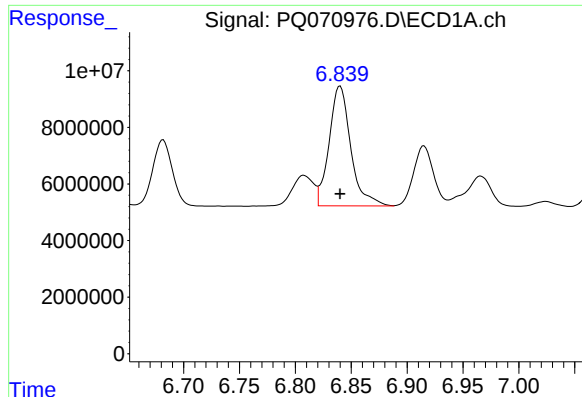
Signal: PQ070976.D\ECD2B.ch

#33 AR-1260-3



R.T.: 5.520 min  
Delta R.T.: 0.000 min  
Response: 109012506  
Conc: 265.22 ng/ml

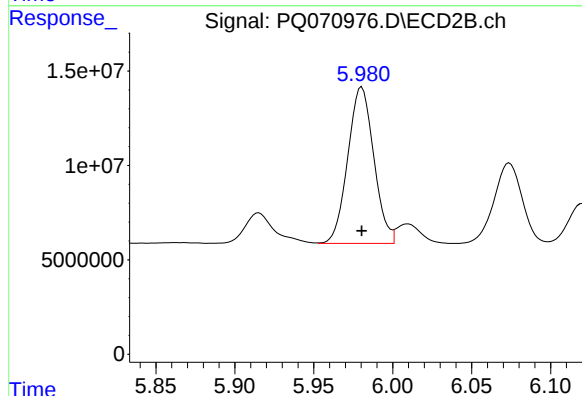
Time



#34 AR-1260-4

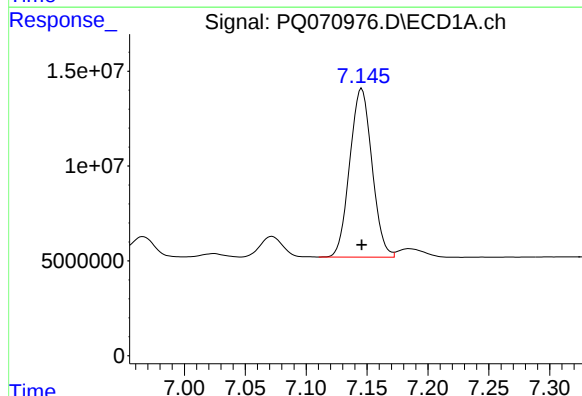
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 57203584  
Conc: 266.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC250



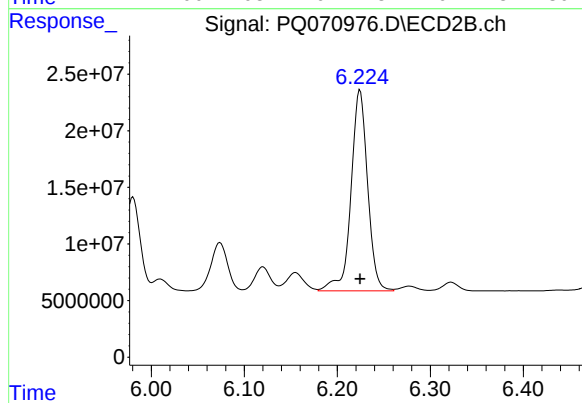
#34 AR-1260-4

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 95029278  
Conc: 266.06 ng/ml



#35 AR-1260-5

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 112984855  
Conc: 260.13 ng/ml



#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 220185144  
Conc: 262.89 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070977.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 09:55  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 11:05:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 10:49:25 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...          | 3.400 | 2.778 | 21685891 | 24048483 | 4.985   | 4.734  |
| 2) SA Decachlor...          | 8.495 | 7.533 | 14566242 | 26253649 | 5.016   | 5.199  |
| Target Compounds            |       |       |          |          |         |        |
| 3) L1 AR-1016-1             | 4.480 | 3.778 | 8082361  | 11936188 | 49.239  | 53.286 |
| 4) L1 AR-1016-2             | 4.498 | 3.793 | 12661786 | 17601233 | 49.403  | 51.750 |
| 5) L1 AR-1016-3             | 4.557 | 3.953 | 7955970  | 9113143  | 50.000  | 50.111 |
| 6) L1 AR-1016-4             | 4.645 | 4.002 | 6347651  | 8062138  | 48.855  | 51.217 |
| 7) L1 AR-1016-5             | 4.930 | 4.197 | 6429669  | 9865534  | 49.919  | 51.425 |
| 31) L7 AR-1260-1            | 6.019 | 5.190 | 11974683 | 18962286 | 51.162m | 52.614 |
| 32) L7 AR-1260-2            | 6.274 | 5.378 | 13982610 | 22891919 | 50.322m | 52.028 |
| 33) L7 AR-1260-3            | 6.626 | 5.519 | 10392796 | 21545658 | 52.144  | 51.917 |
| 34) L7 AR-1260-4            | 6.840 | 5.980 | 10804624 | 18507162 | 50.281  | 51.443 |
| 35) L7 AR-1260-5            | 7.145 | 6.224 | 21577675 | 42558760 | 49.744  | 50.648 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070977.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:55  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

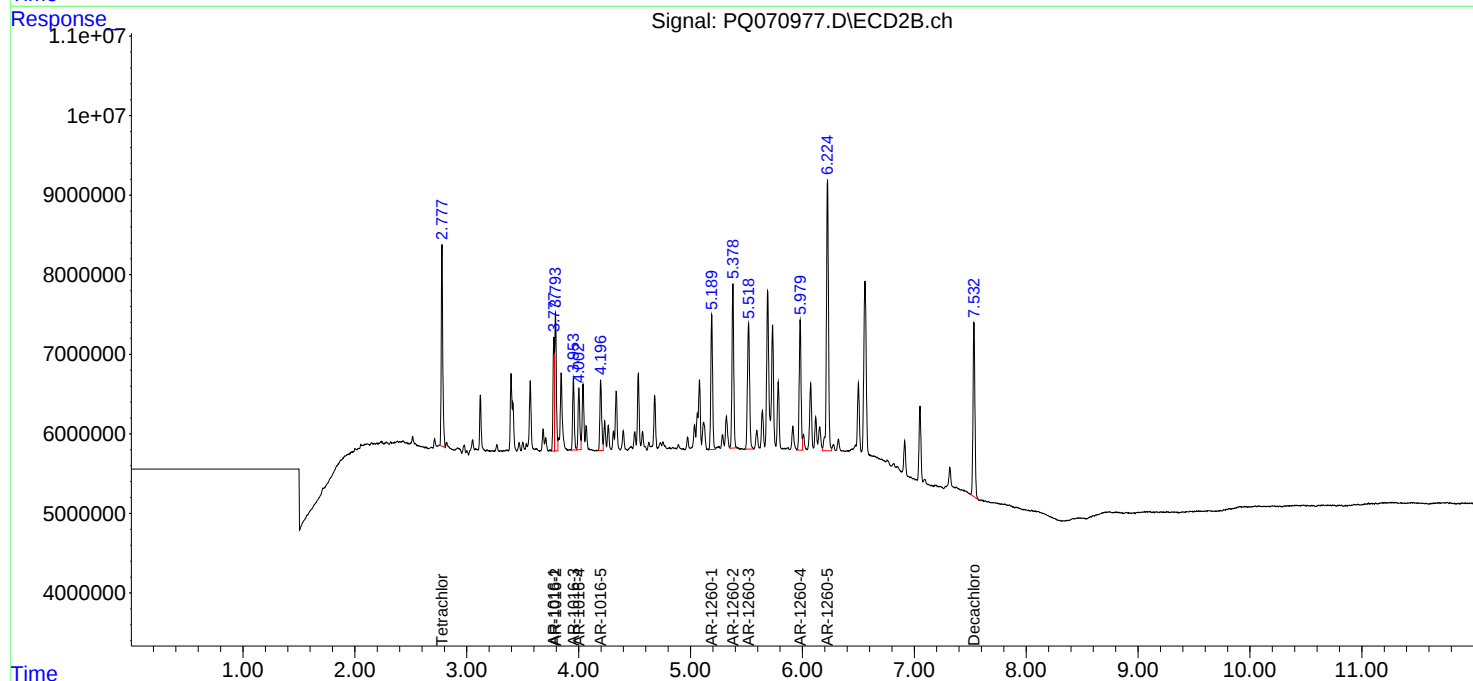
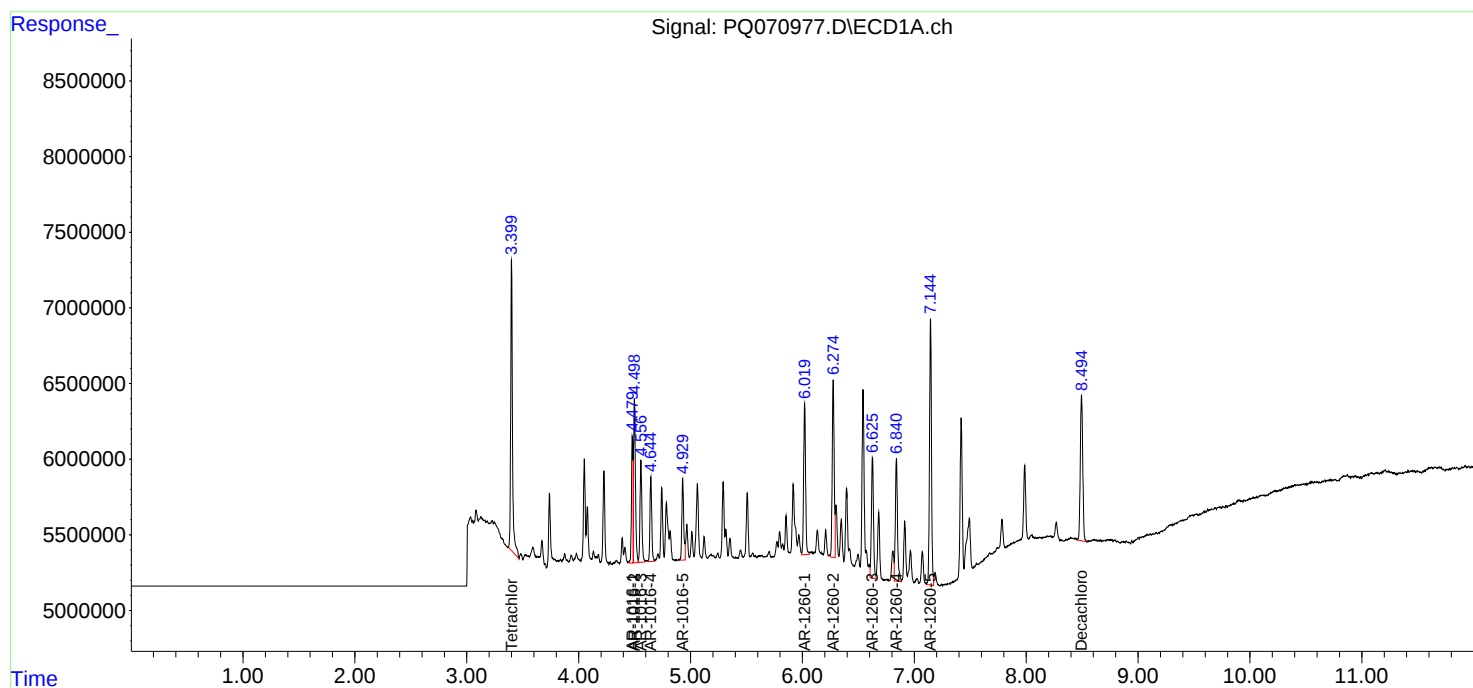
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

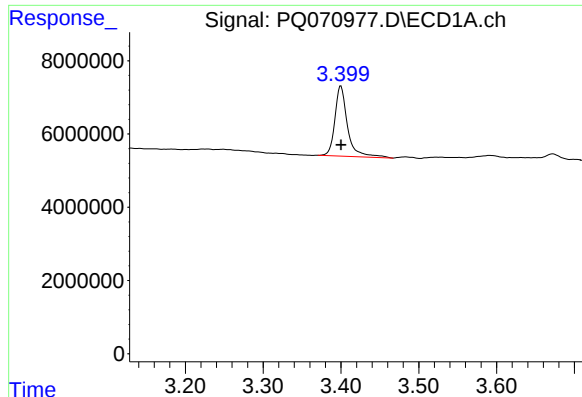
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:05:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 10:49:25 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





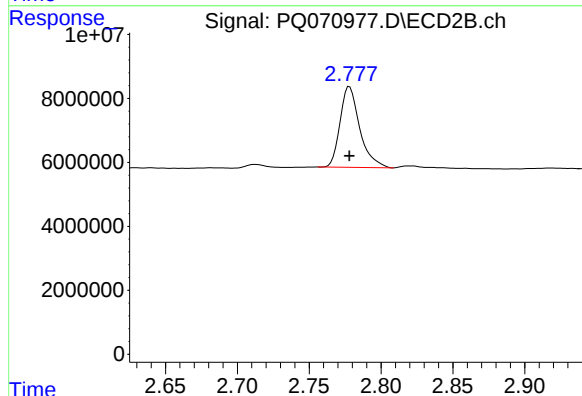
## #1 Tetrachloro-m-xylene

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 21685891  
Conc: 4.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

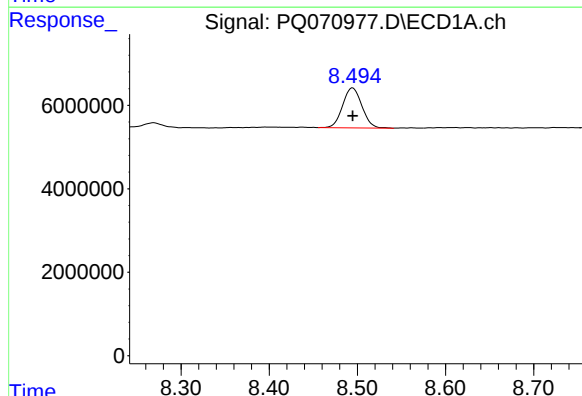
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



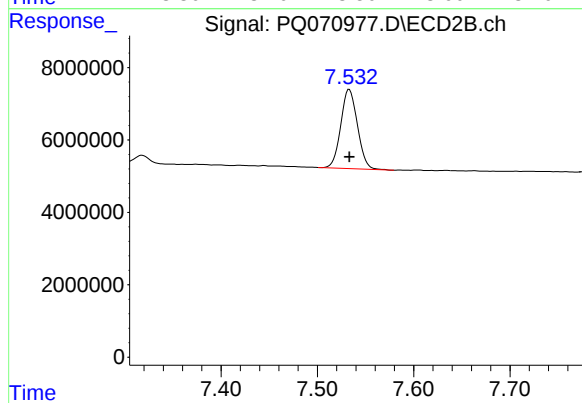
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 24048483  
Conc: 4.73 ng/ml



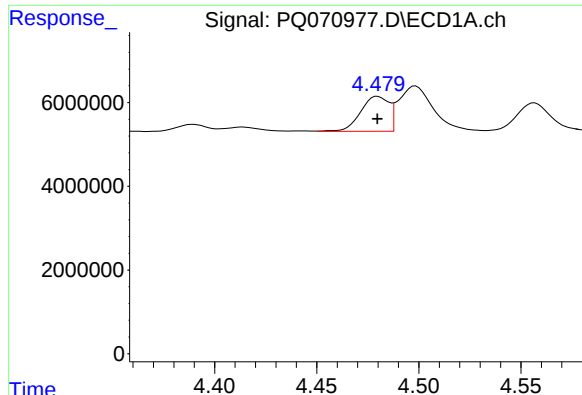
## #2 Decachlorobiphenyl

R.T.: 8.495 min  
Delta R.T.: 0.000 min  
Response: 14566242  
Conc: 5.02 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 26253649  
Conc: 5.20 ng/ml



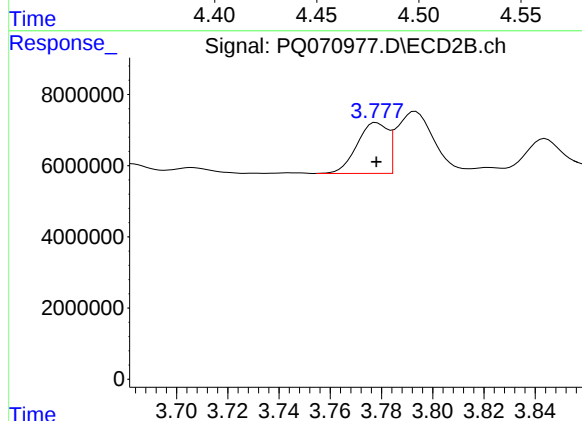
#3 AR-1016-1

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 8082361  
Conc: 49.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

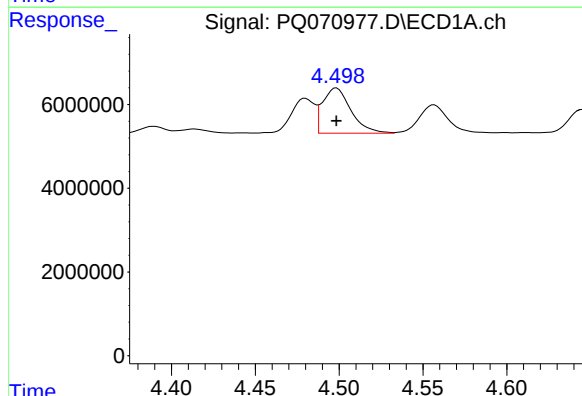
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



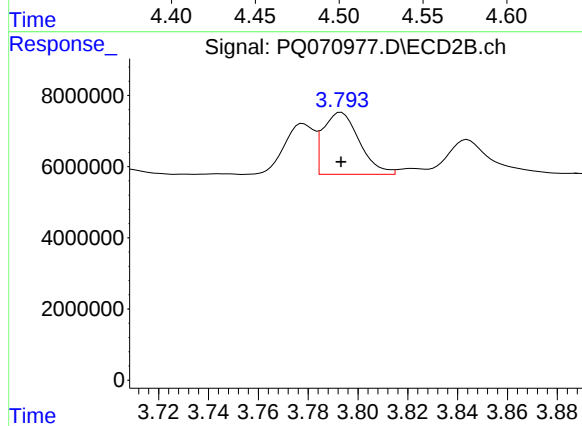
#3 AR-1016-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 11936188  
Conc: 53.29 ng/ml



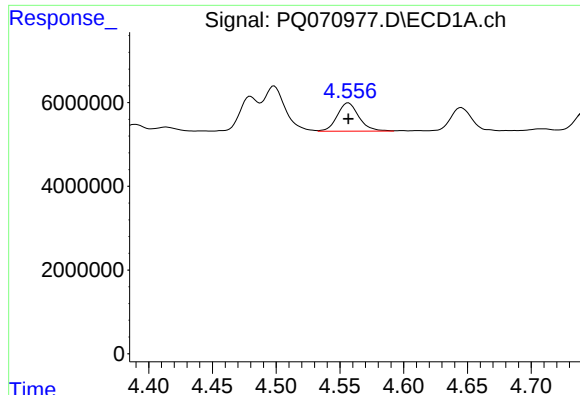
#4 AR-1016-2

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 12661786  
Conc: 49.40 ng/ml



#4 AR-1016-2

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 17601233  
Conc: 51.75 ng/ml



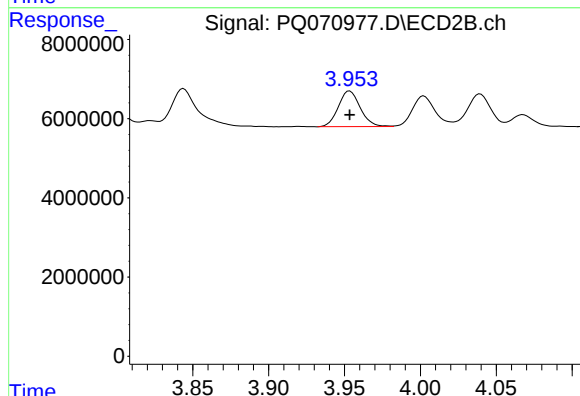
#5 AR-1016-3

R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 7955970  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

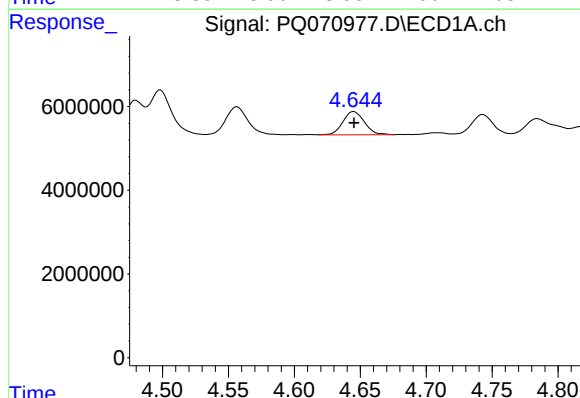
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



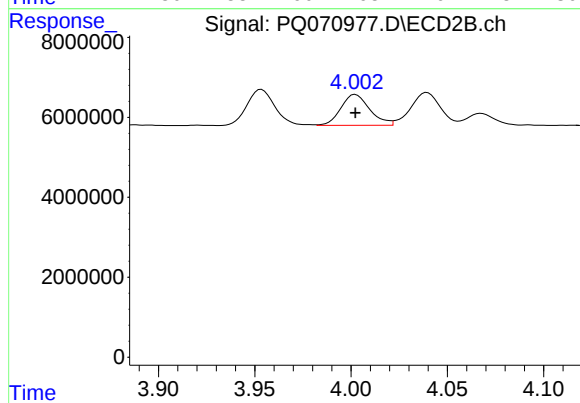
#5 AR-1016-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 9113143  
Conc: 50.11 ng/ml



#6 AR-1016-4

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 6347651  
Conc: 48.85 ng/ml

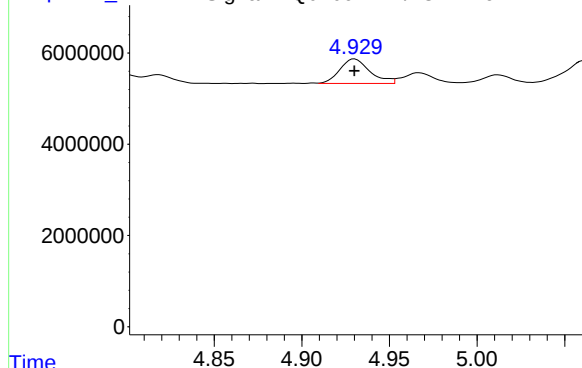


#6 AR-1016-4

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 8062138  
Conc: 51.22 ng/ml

Response\_ Signal: PQ070977.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 6429669  
Conc: 49.92 ng/ml

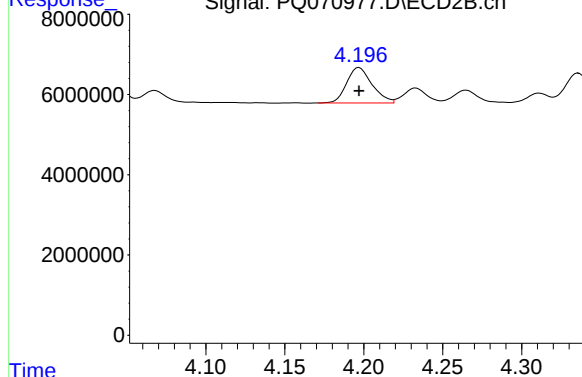
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Time Response\_ Signal: PQ070977.D\ECD2B.ch

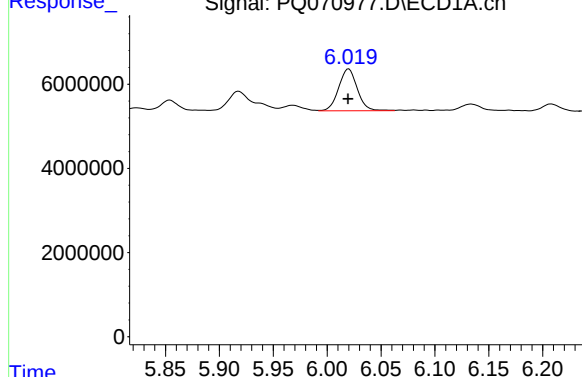
#7 AR-1016-5



R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 9865534  
Conc: 51.43 ng/ml

Time Response\_ Signal: PQ070977.D\ECD1A.ch

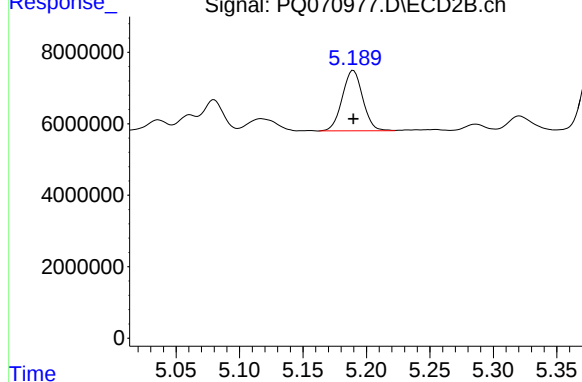
#31 AR-1260-1



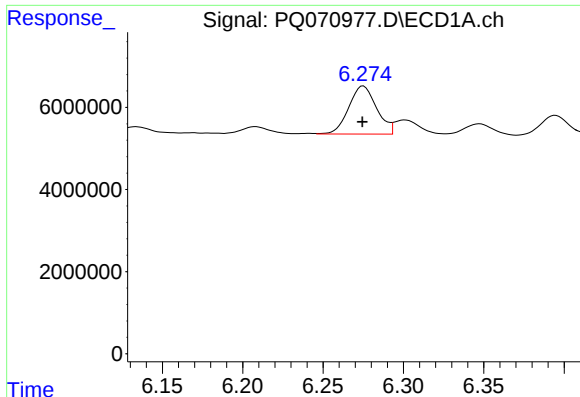
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 11974683  
Conc: 51.16 ng/ml m

Time Response\_ Signal: PQ070977.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.190 min  
Delta R.T.: 0.000 min  
Response: 18962286  
Conc: 52.61 ng/ml



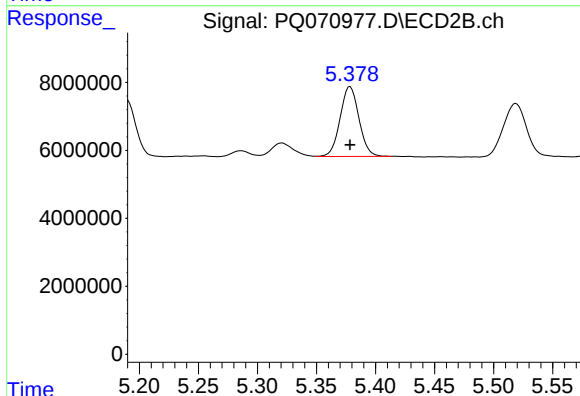
#32 AR-1260-2

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 13982610  
Conc: 50.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

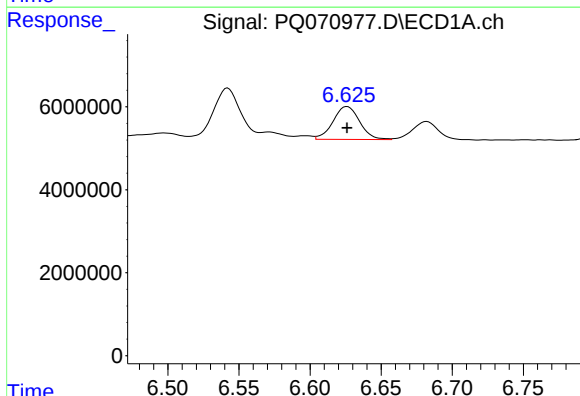
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



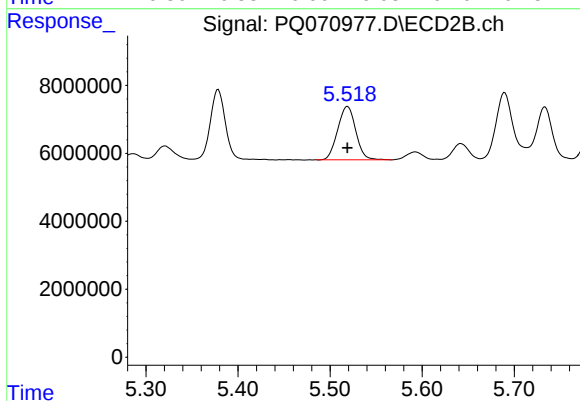
#32 AR-1260-2

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 22891919  
Conc: 52.03 ng/ml



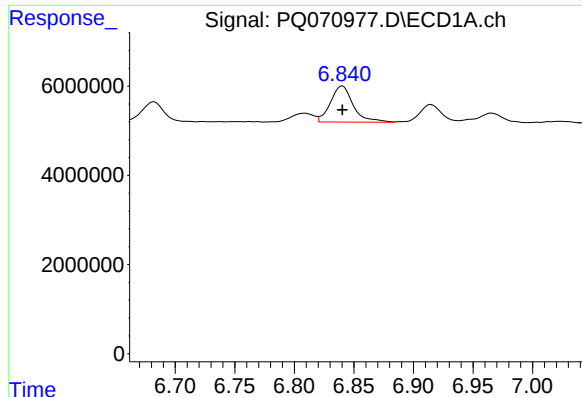
#33 AR-1260-3

R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 10392796  
Conc: 52.14 ng/ml



#33 AR-1260-3

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 21545658  
Conc: 51.92 ng/ml



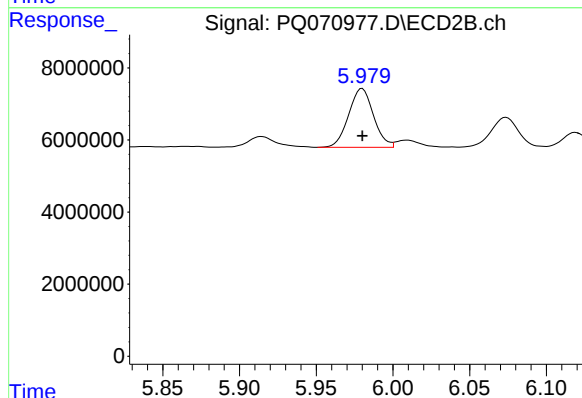
#34 AR-1260-4

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 10804624  
Conc: 50.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC050

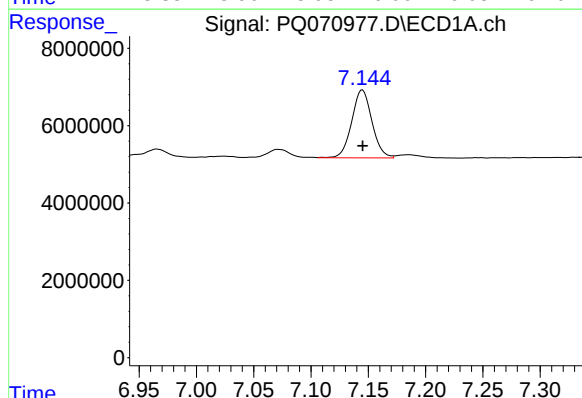
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



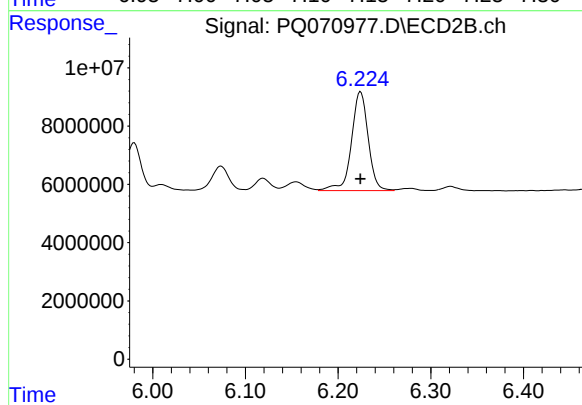
#34 AR-1260-4

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 18507162  
Conc: 51.44 ng/ml



#35 AR-1260-5

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 21577675  
Conc: 49.74 ng/ml



#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 42558760  
Conc: 50.65 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070978.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 10:09  
 Operator : YP\AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 11:55:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 11:55:37 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...          | 3.400 | 2.778 | 220.4E6  | 255.3E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.496 | 7.534 | 149.9E6  | 262.1E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 8) L2 AR-1221-1             | 3.594 | 2.977 | 29595379 | 36909578 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 3.672 | 3.053 | 21573372 | 30001568 | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 3.739 | 3.122 | 66773962 | 85591891 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

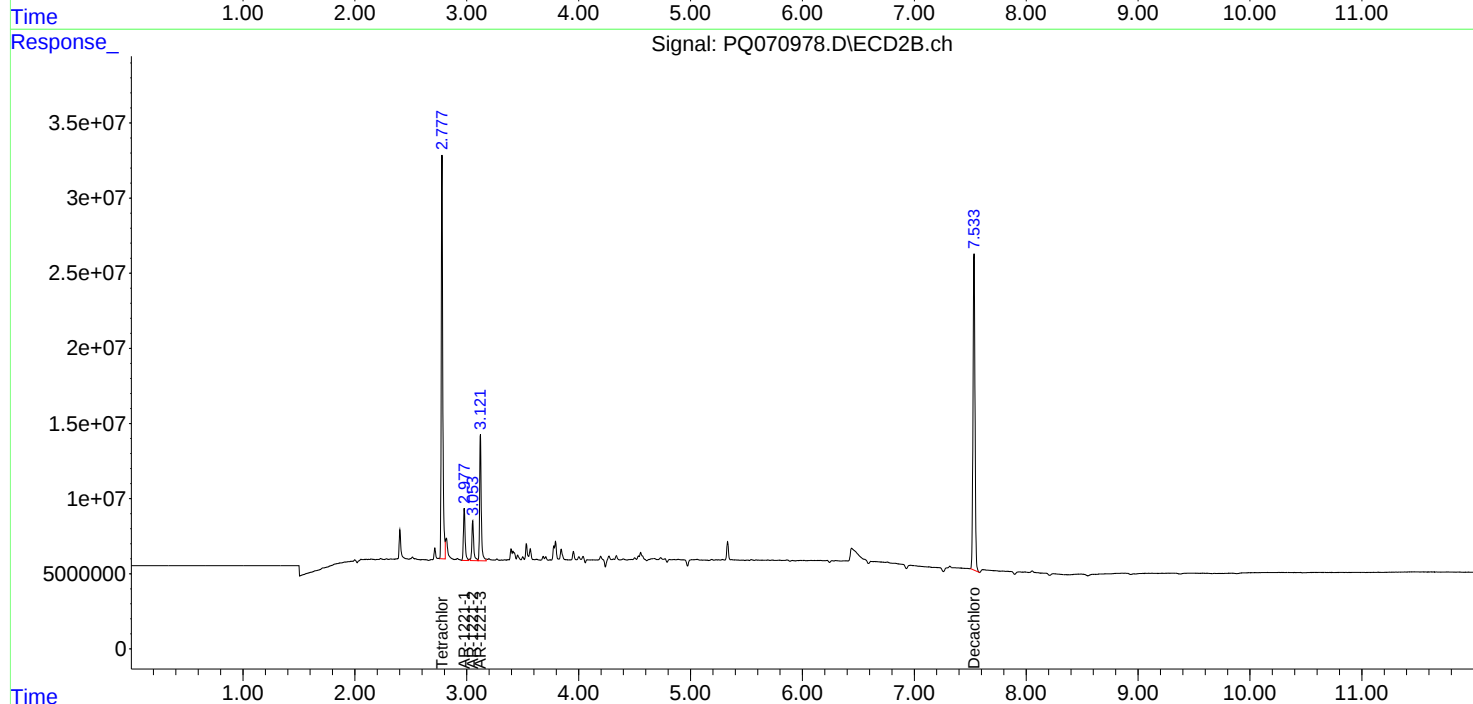
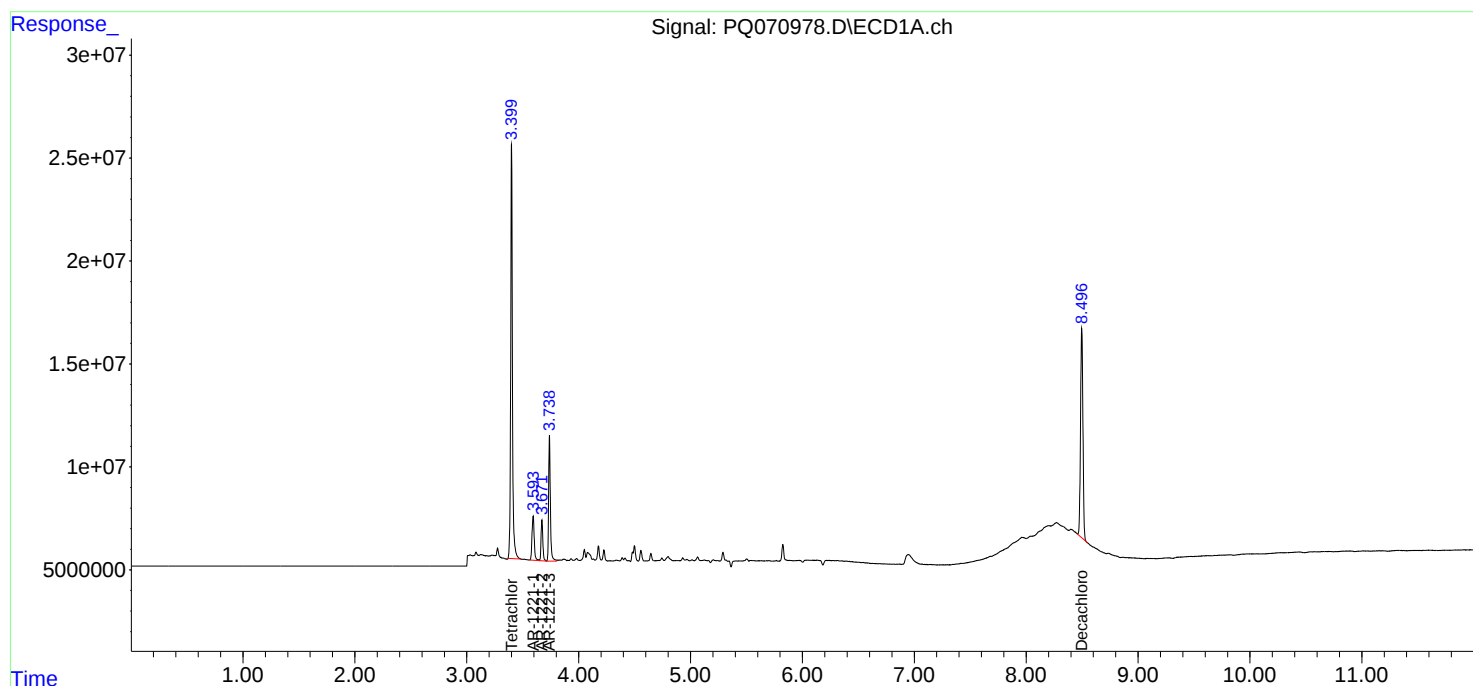
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

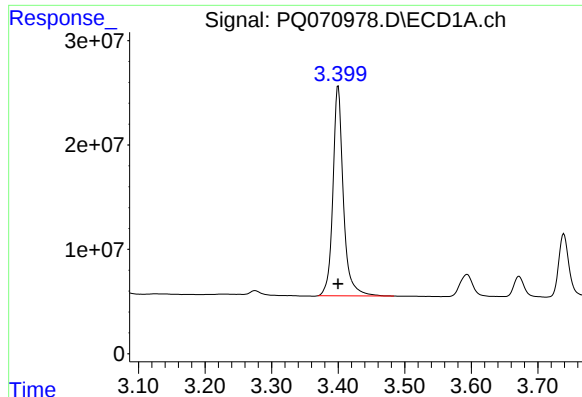
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070978.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 10:09  
Operator : YP\AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:55:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 11:55:37 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

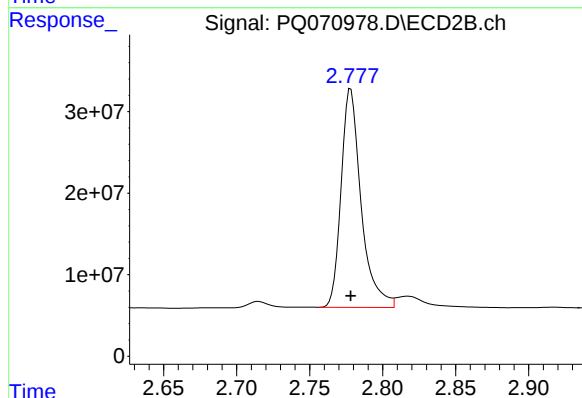




## #1 Tetrachloro-m-xylene

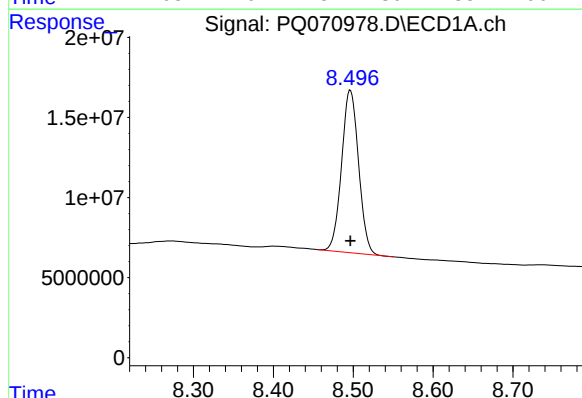
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 220369967  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1221ICC500



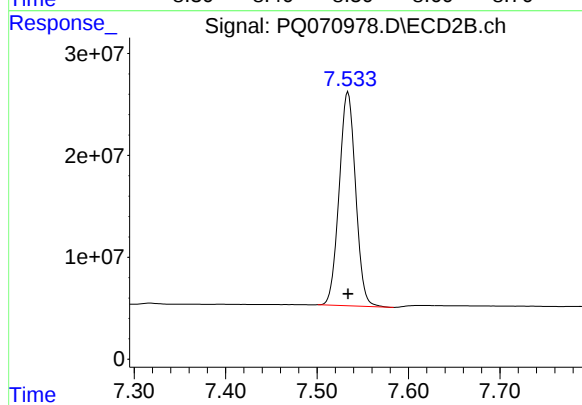
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 255300945  
Conc: 50.00 ng/ml



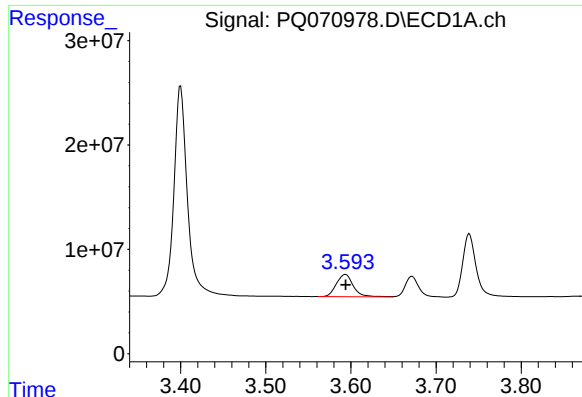
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 149874496  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

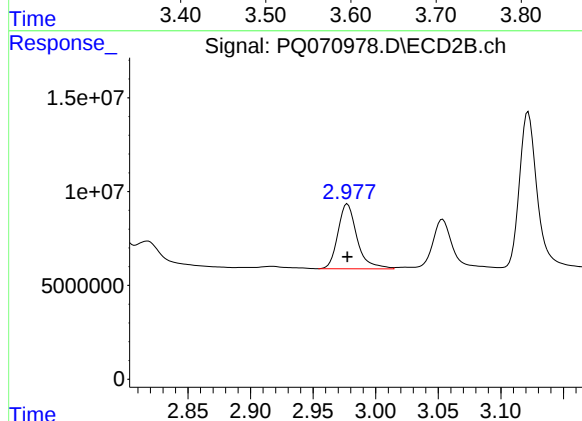
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 262139791  
Conc: 50.00 ng/ml



#8 AR-1221-1

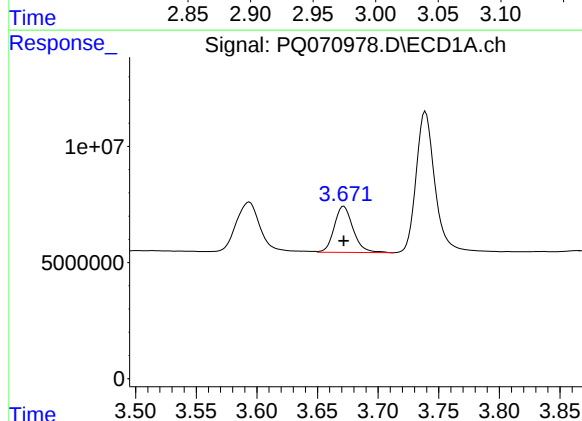
R.T.: 3.594 min  
Delta R.T.: 0.000 min  
Response: 29595379  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1221ICC500



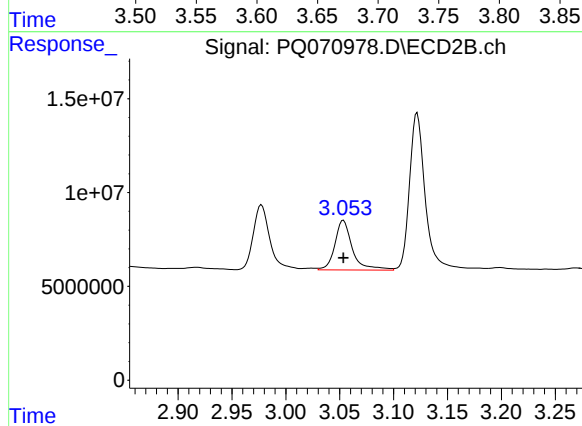
#8 AR-1221-1

R.T.: 2.977 min  
Delta R.T.: 0.000 min  
Response: 36909578  
Conc: 500.00 ng/ml



#9 AR-1221-2

R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 21573372  
Conc: 500.00 ng/ml



#9 AR-1221-2

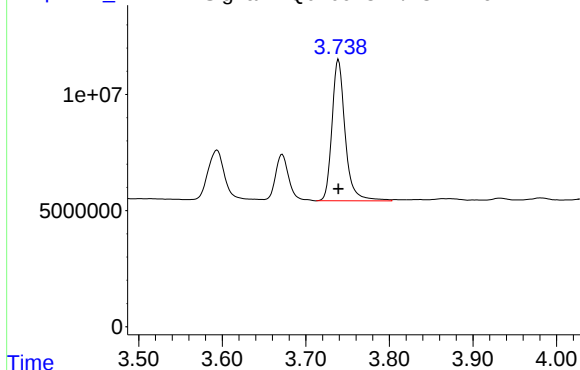
R.T.: 3.053 min  
Delta R.T.: 0.000 min  
Response: 30001568  
Conc: 500.00 ng/ml

Response\_

Signal: PQ070978.D\ECD1A.ch

#10 AR-1221-3

ICAL Form



R.T.: 3.739 min  
Delta R.T.: 0.000 min  
Response: 66773962  
Conc: 500.00 ng/ml

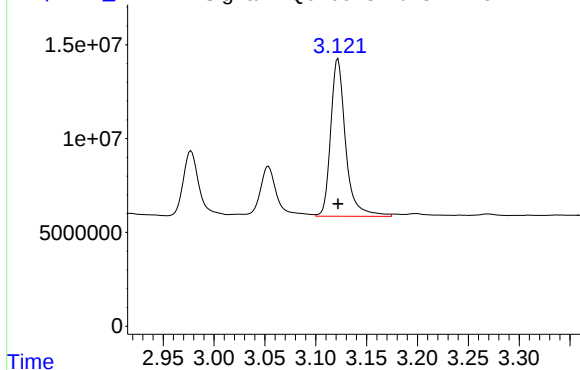
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1221ICC500

Time

Response\_

Signal: PQ070978.D\ECD2B.ch

#10 AR-1221-3



R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: 85591891  
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070979.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 10:24  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:00:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 11:55:37 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...          | 3.400 | 2.778 | 234.5E6  | 276.3E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.497 | 7.534 | 163.6E6  | 280.6E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 11) L3 AR-1232-1            | 3.739 | 3.121 | 54474047 | 69671226 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 4.226 | 3.793 | 28751418 | 69449831 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 4.499 | 3.953 | 53549480 | 36725094 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 4.646 | 4.039 | 27007118 | 31517168 | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 4.785 | 4.197 | 21856633 | 35803624 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

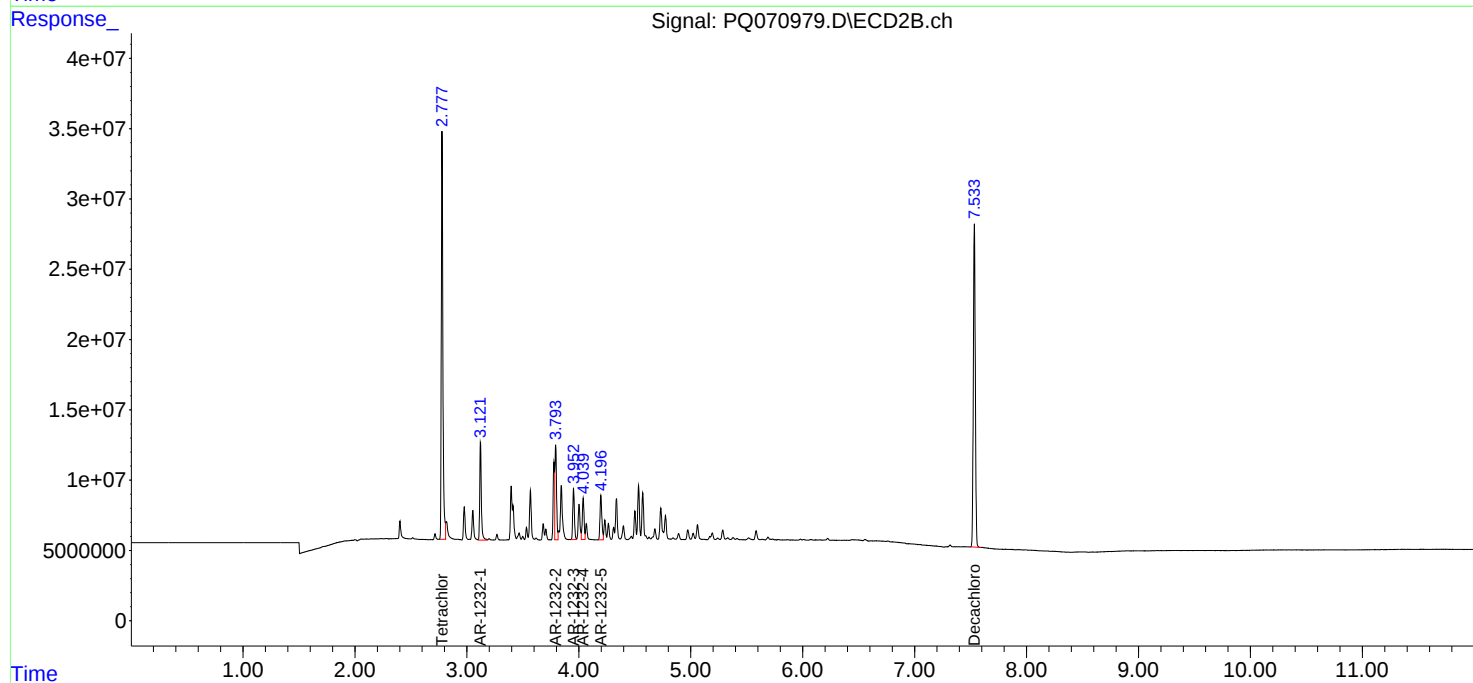
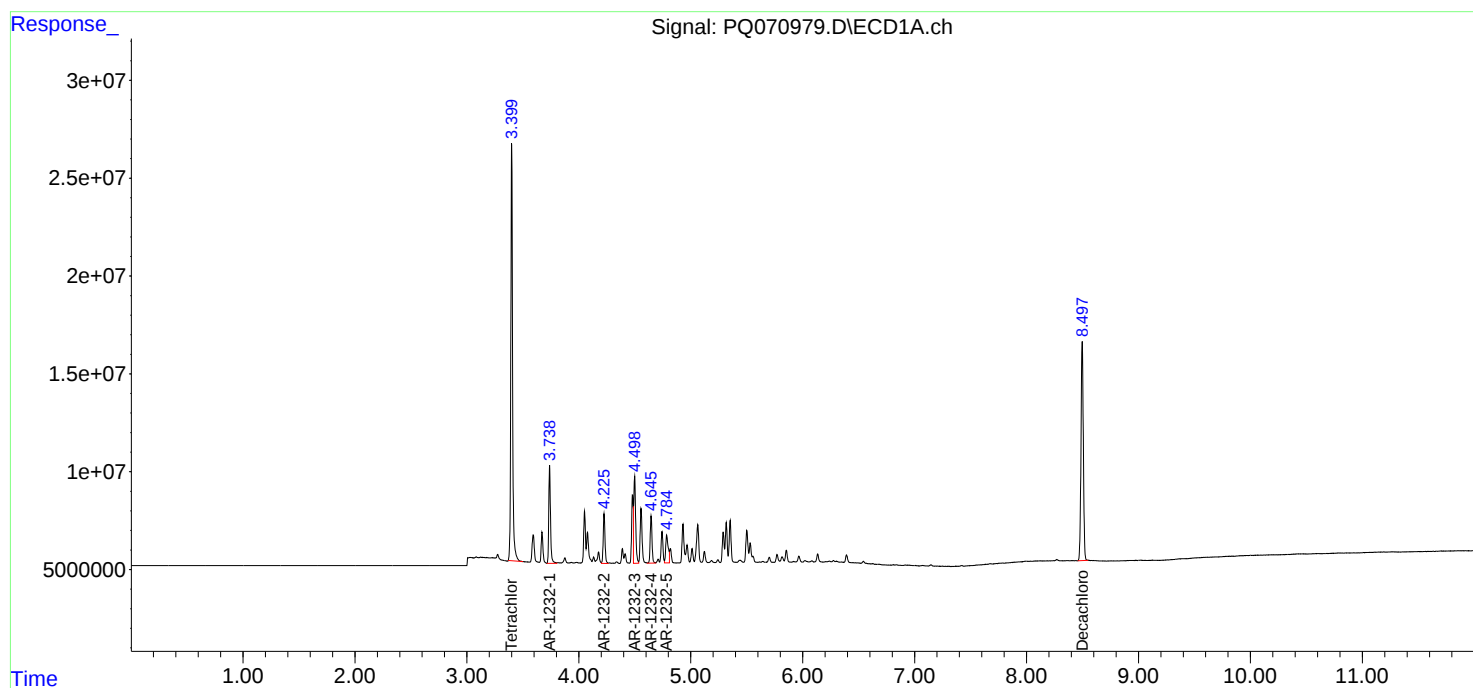
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

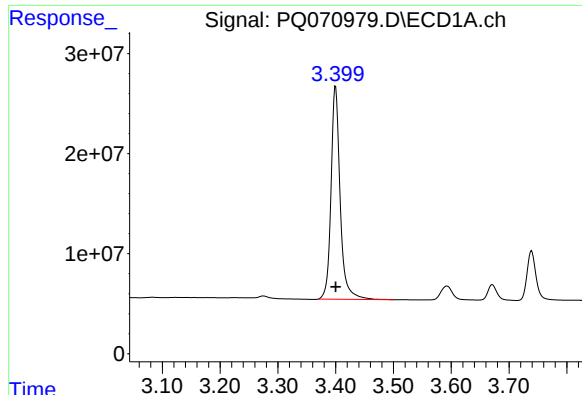
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070979.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 10:24  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:00:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 11:55:37 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

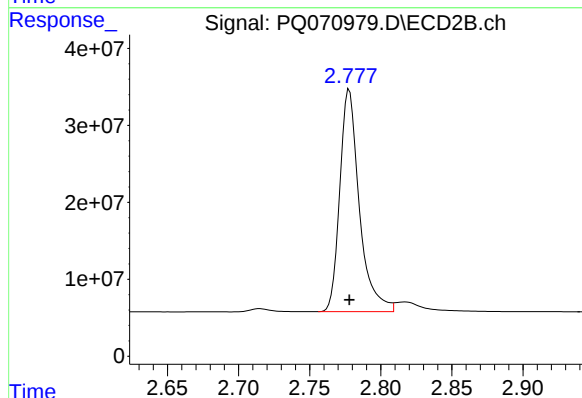




## #1 Tetrachloro-m-xylene

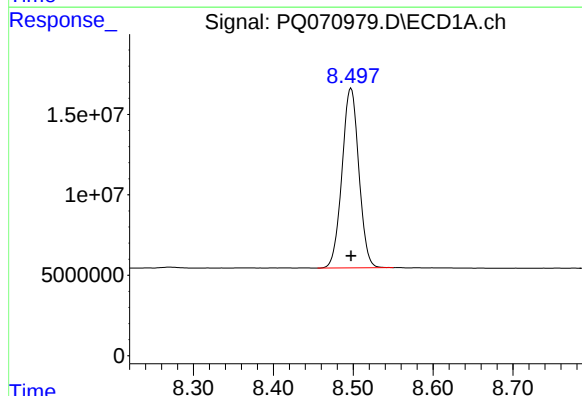
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 234547177  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1232ICC500



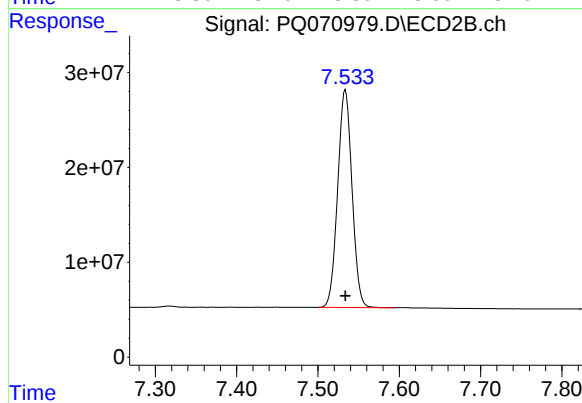
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 276348863  
Conc: 50.00 ng/ml



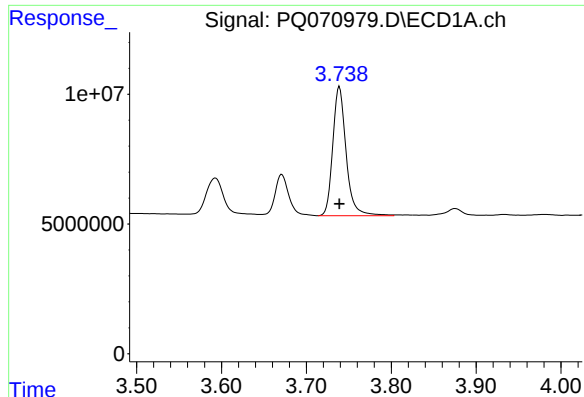
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 163612084  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

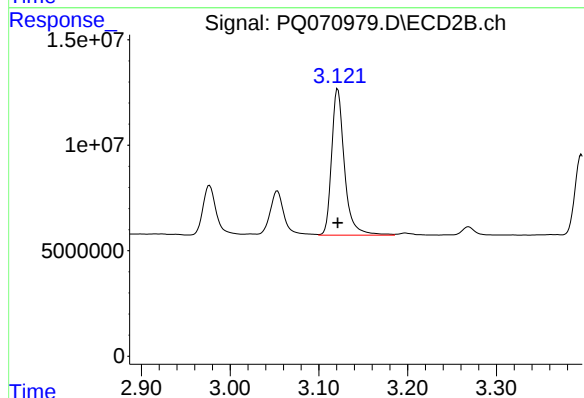
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 280551433  
Conc: 50.00 ng/ml



#11 AR-1232-1

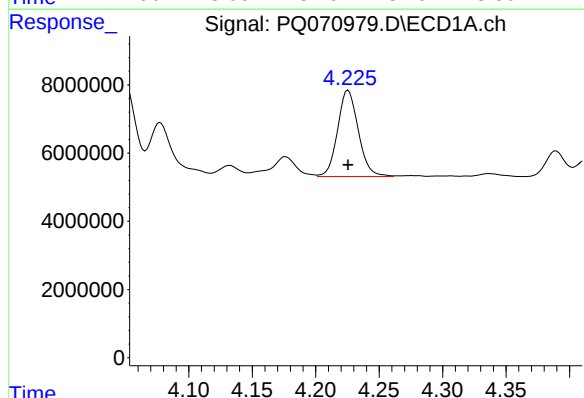
R.T.: 3.739 min  
Delta R.T.: 0.000 min  
Response: 54474047  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1232ICC500



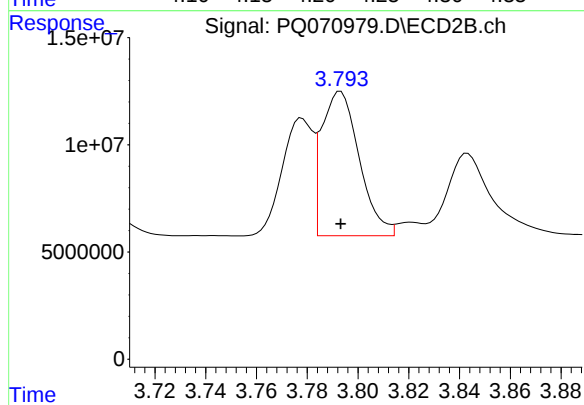
#11 AR-1232-1

R.T.: 3.121 min  
Delta R.T.: 0.000 min  
Response: 69671226  
Conc: 500.00 ng/ml



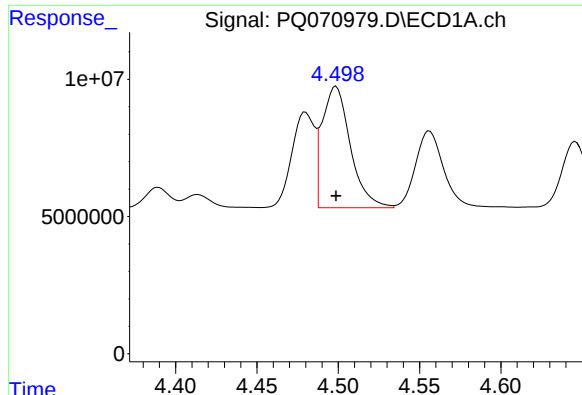
#12 AR-1232-2

R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 28751418  
Conc: 500.00 ng/ml



#12 AR-1232-2

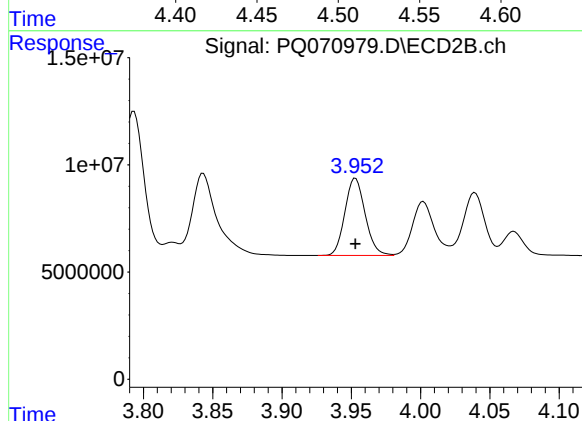
R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 69449831  
Conc: 500.00 ng/ml



#13 AR-1232-3

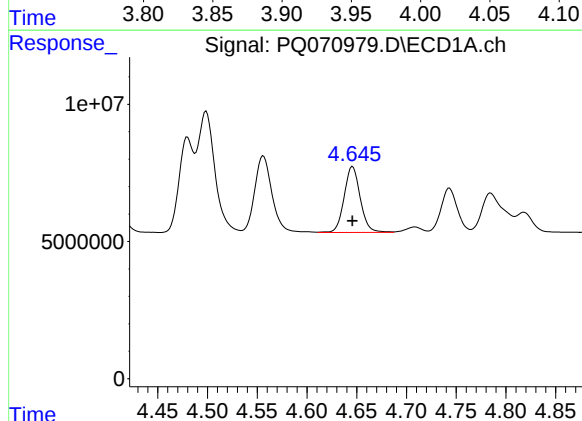
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 53549480  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1232ICC500



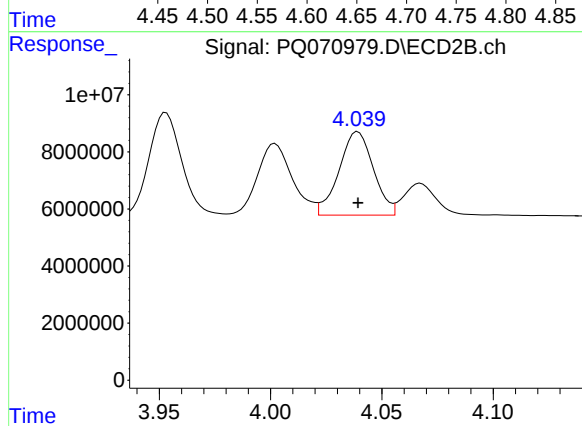
#13 AR-1232-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 36725094  
Conc: 500.00 ng/ml



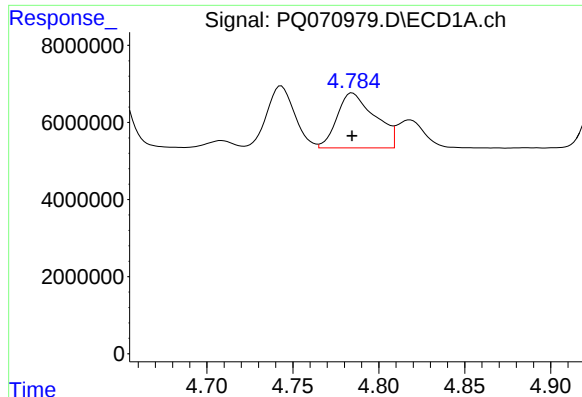
#14 AR-1232-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 27007118  
Conc: 500.00 ng/ml



#14 AR-1232-4

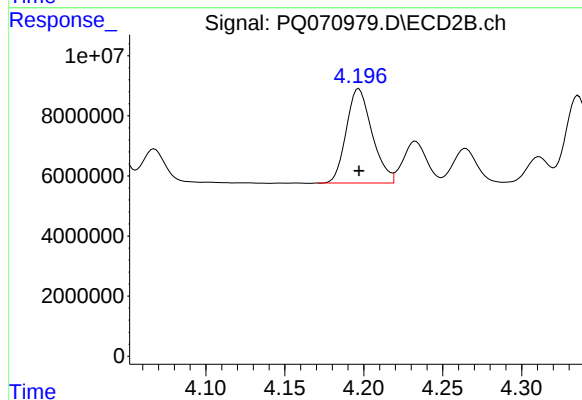
R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 31517168  
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 21856633  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1232ICC500



#15 AR-1232-5

R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 35803624  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070980.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 10:38  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:08:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:05:14 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...          | 3.400 | 2.778 | 444.2E6  | 551.1E6 | 98.001  | 98.092  |
| 2) SA Decachlor...          | 8.495 | 7.534 | 308.3E6  | 519.5E6 | 95.801  | 96.097  |
| Target Compounds            |       |       |          |         |         |         |
| 16) L4 AR-1242-1            | 4.480 | 3.778 | 117.9E6  | 149.1E6 | 983.375 | 964.120 |
| 17) L4 AR-1242-2            | 4.499 | 3.793 | 179.2E6  | 228.4E6 | 959.238 | 966.879 |
| 18) L4 AR-1242-3            | 4.556 | 3.953 | 111.3E6  | 123.3E6 | 959.357 | 965.452 |
| 19) L4 AR-1242-4            | 4.646 | 4.039 | 91702396 | 107.9E6 | 962.012 | 943.887 |
| 20) L4 AR-1242-5            | 5.349 | 4.534 | 63322787 | 175.3E6 | 867.188 | 999.788 |
| -----                       |       |       |          |         |         |         |

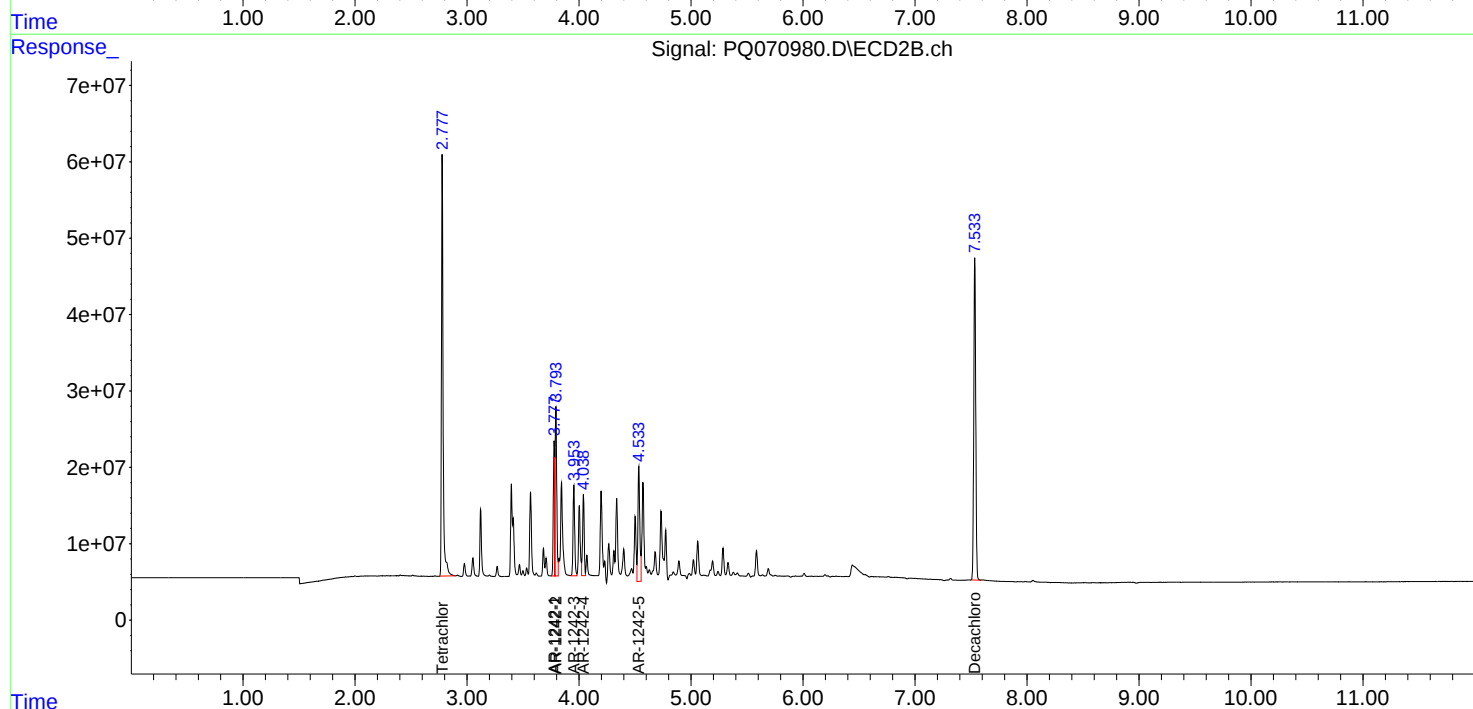
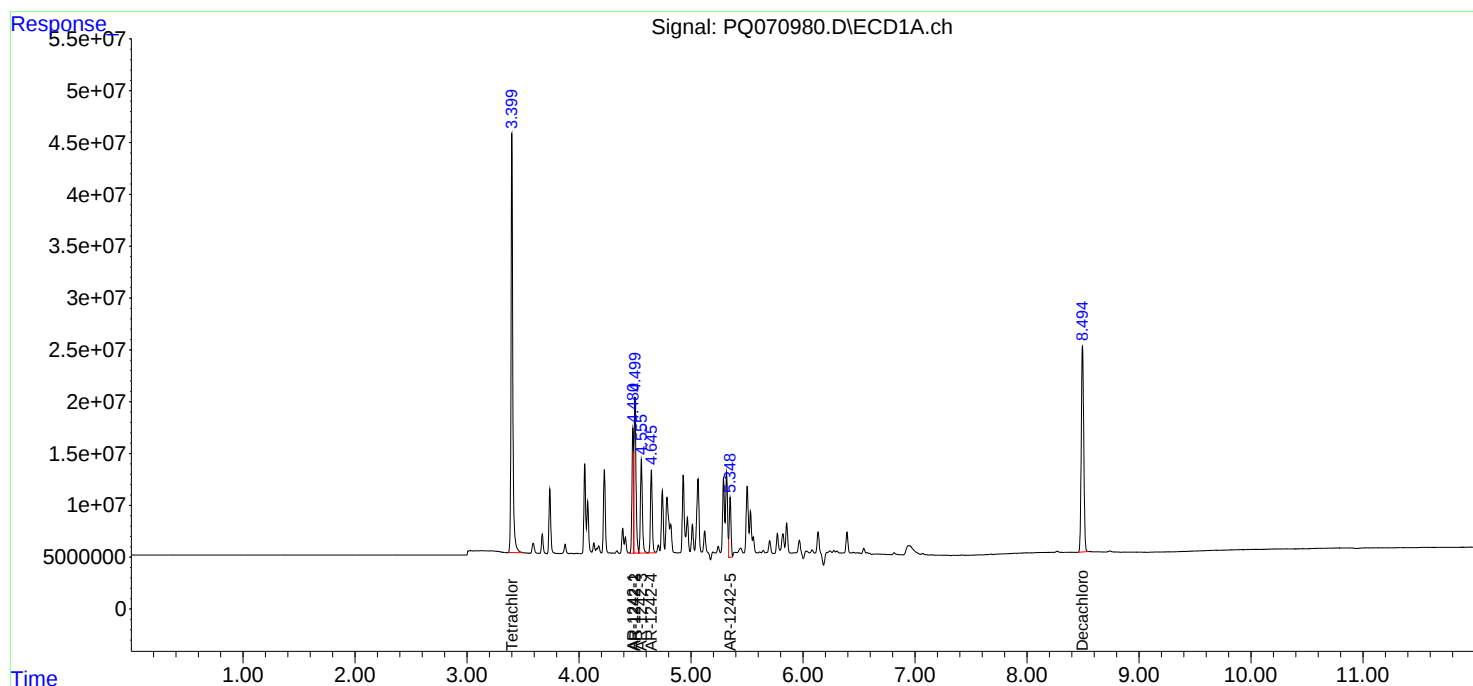
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

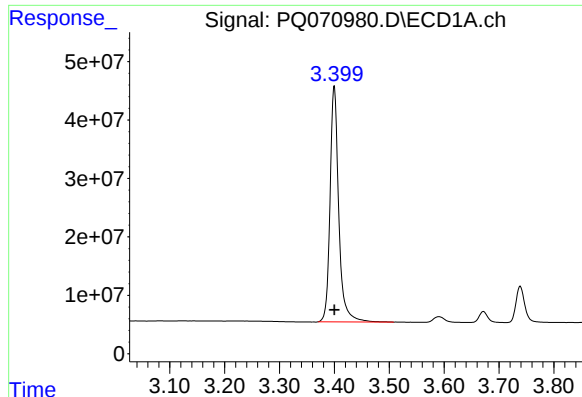
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070980.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 10:38  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:08:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:05:14 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

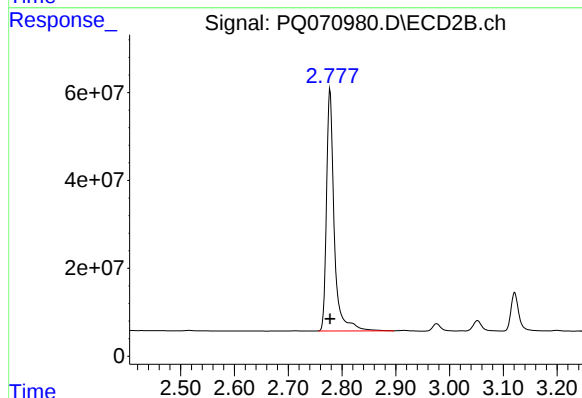




## #1 Tetrachloro-m-xylene

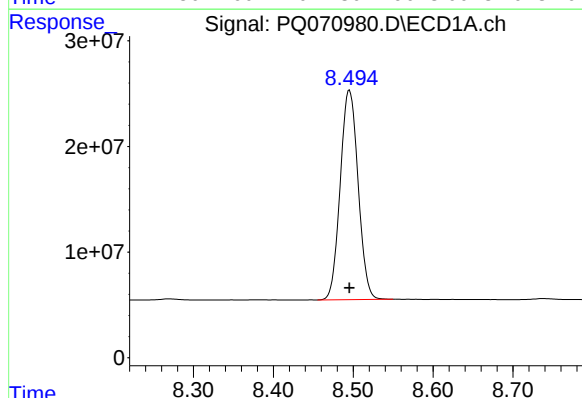
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 444189301  
Conc: 98.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC1000



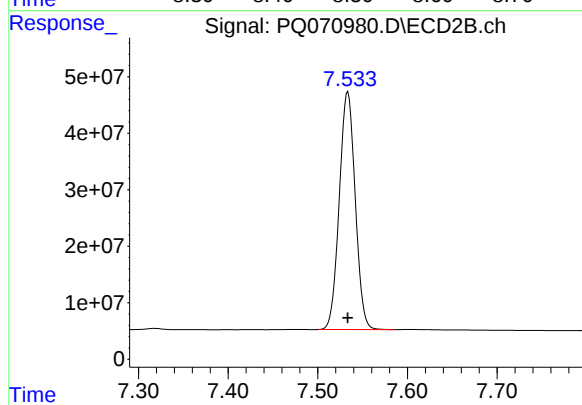
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 551110354  
Conc: 98.09 ng/ml



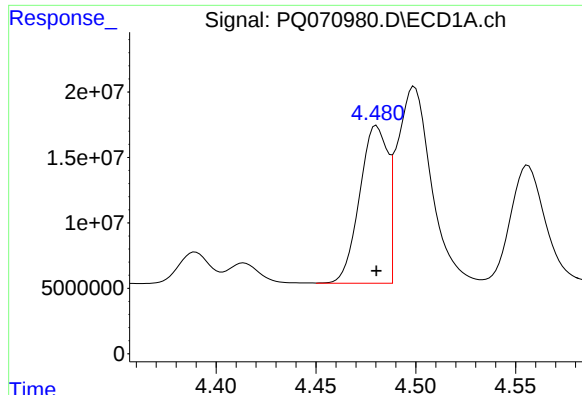
## #2 Decachlorobiphenyl

R.T.: 8.495 min  
Delta R.T.: 0.000 min  
Response: 308256864  
Conc: 95.80 ng/ml



## #2 Decachlorobiphenyl

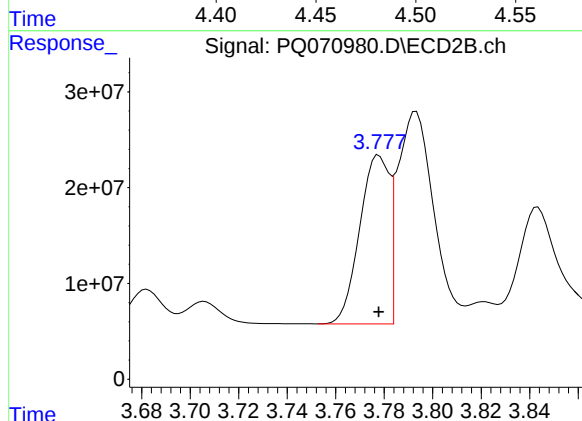
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 519455740  
Conc: 96.10 ng/ml



#16 AR-1242-1

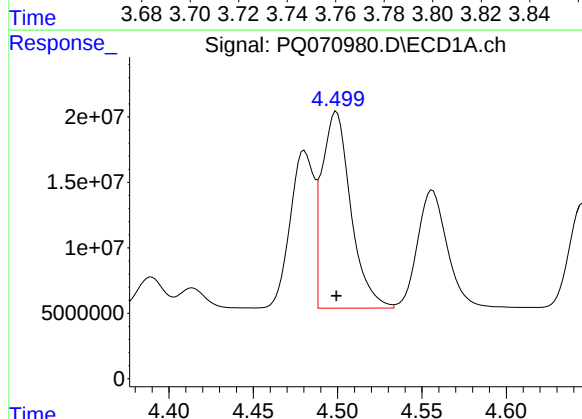
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 117929900  
Conc: 983.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC1000



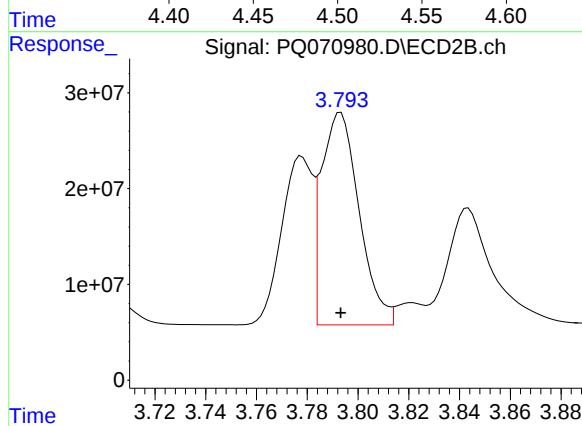
#16 AR-1242-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 149120136  
Conc: 964.12 ng/ml



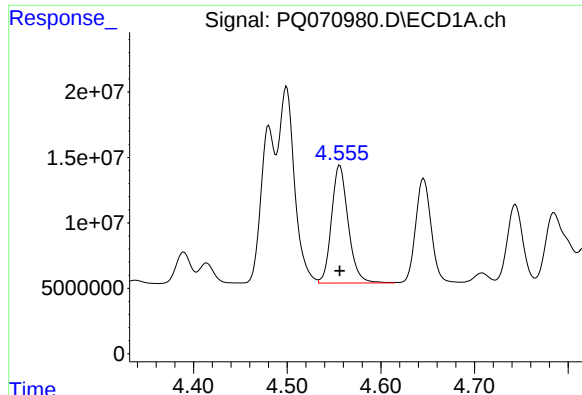
#17 AR-1242-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 179238730  
Conc: 959.24 ng/ml



#17 AR-1242-2

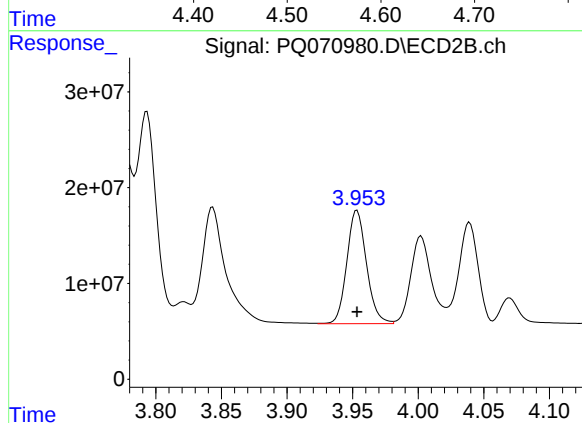
R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 228406508  
Conc: 966.88 ng/ml



#18 AR-1242-3

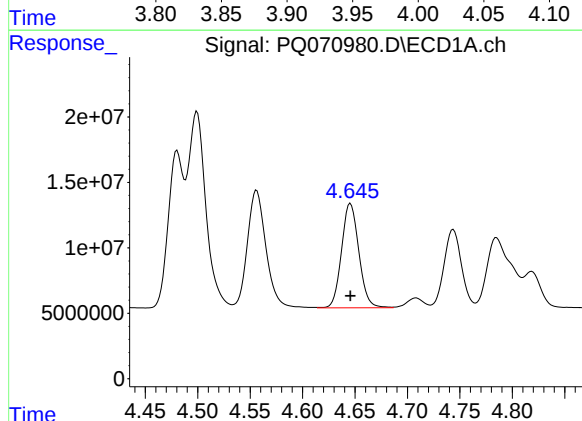
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 111298009  
Conc: 959.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC1000



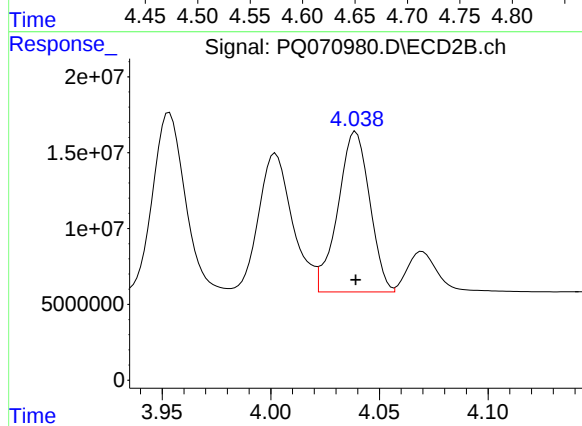
#18 AR-1242-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 123267302  
Conc: 965.45 ng/ml



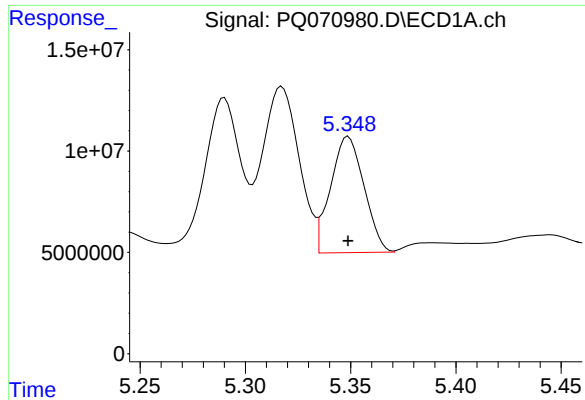
#19 AR-1242-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 91702396  
Conc: 962.01 ng/ml



#19 AR-1242-4

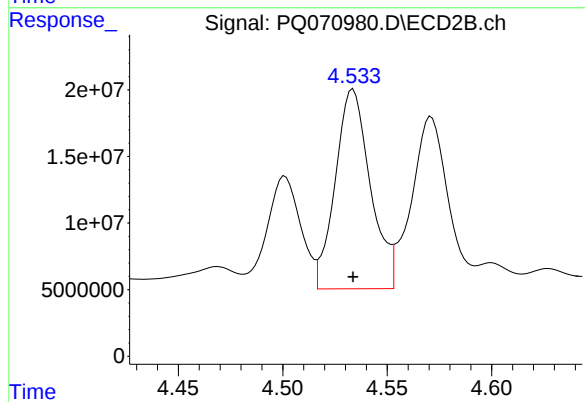
R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 107929318  
Conc: 943.89 ng/ml



#20 AR-1242-5

R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 63322787  
Conc: 867.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC1000



#20 AR-1242-5

R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 175313049  
Conc: 999.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070981.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 10:53  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:12:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:10:08 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...          | 3.400 | 2.778 | 343.3E6  | 428.5E6  | 75.493  | 75.838  |
| 2) SA Decachlor...          | 8.496 | 7.534 | 243.3E6  | 411.2E6  | 75.399  | 75.716  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 4.480 | 3.778 | 90376185 | 120.3E6  | 752.406 | 768.194 |
| 17) L4 AR-1242-2            | 4.498 | 3.794 | 141.6E6  | 178.3E6  | 755.086 | 753.183 |
| 18) L4 AR-1242-3            | 4.556 | 3.954 | 87949114 | 98835228 | 755.378 | 765.893 |
| 19) L4 AR-1242-4            | 4.646 | 4.039 | 73032215 | 85057385 | 760.690 | 745.897 |
| 20) L4 AR-1242-5            | 5.348 | 4.534 | 50322958 | 147.0E6  | 708.312 | 806.708 |
| -----                       |       |       |          |          |         |         |

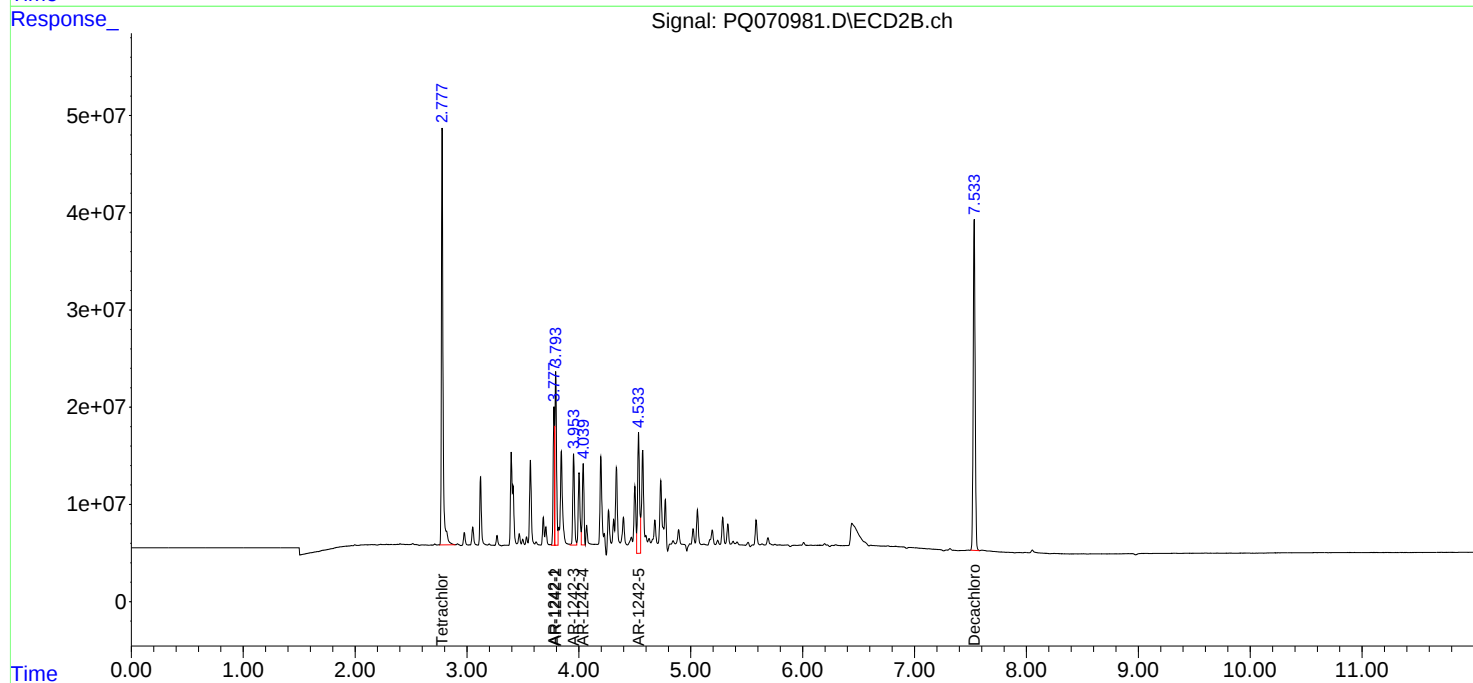
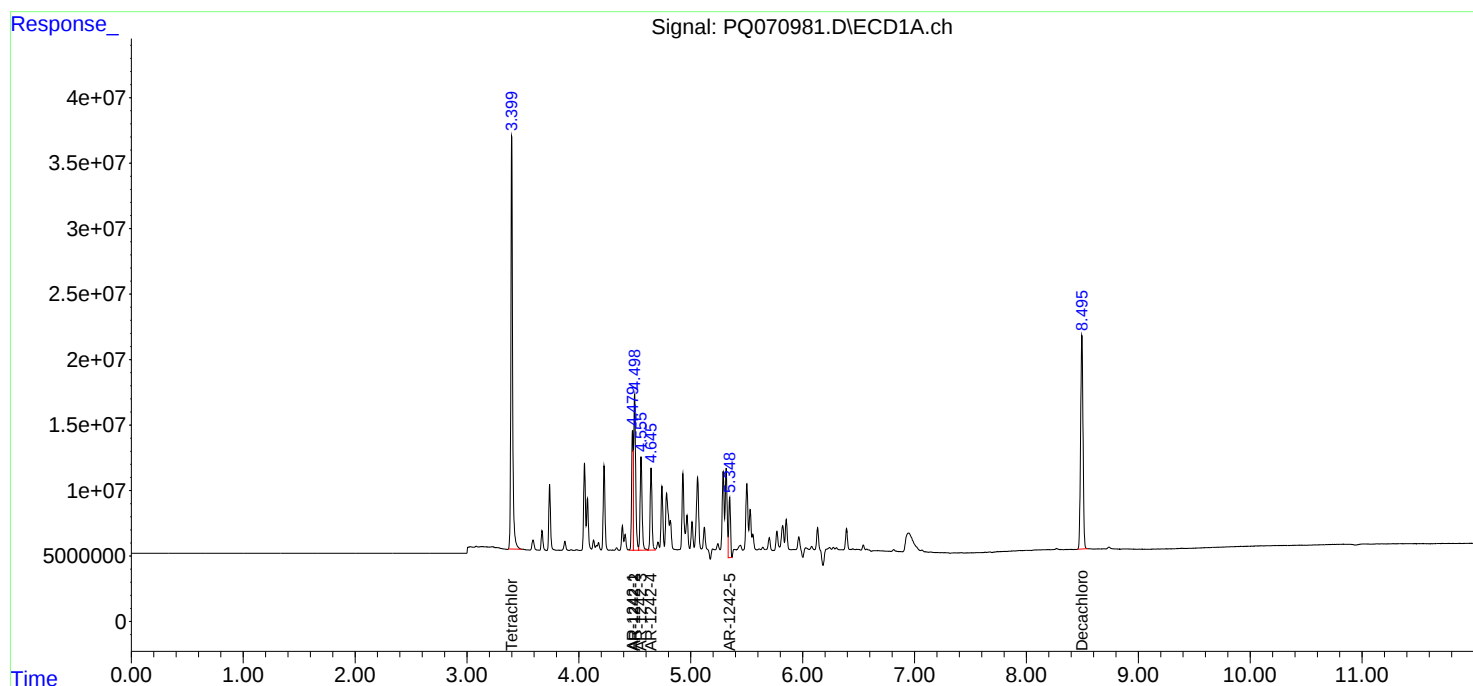
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

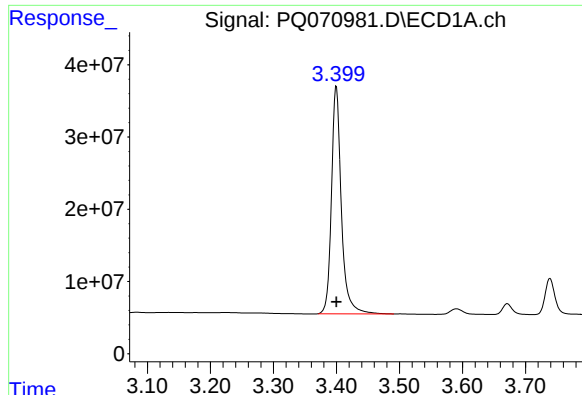
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070981.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 10:53  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:12:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:10:08 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

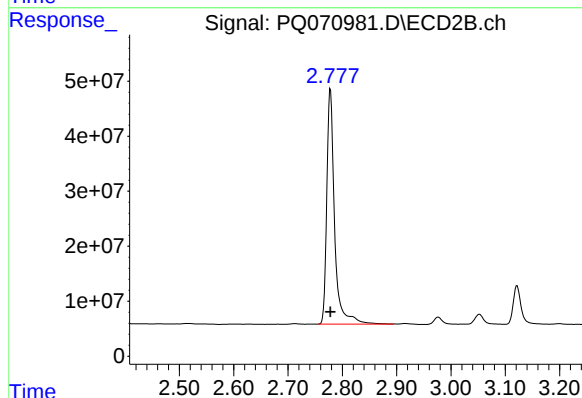




## #1 Tetrachloro-m-xylene

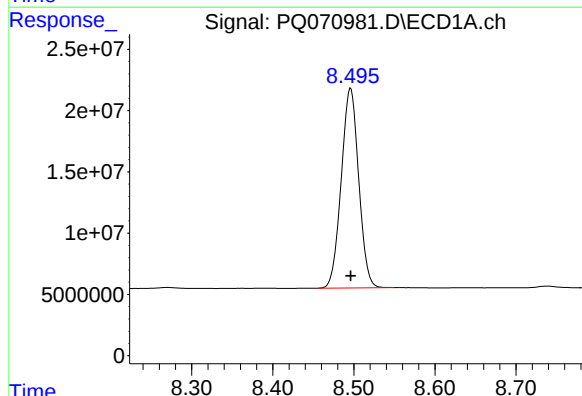
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 343296796  
Conc: 75.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC750



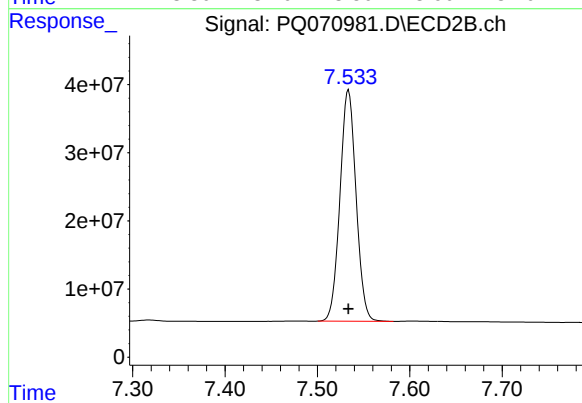
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 428474190  
Conc: 75.84 ng/ml



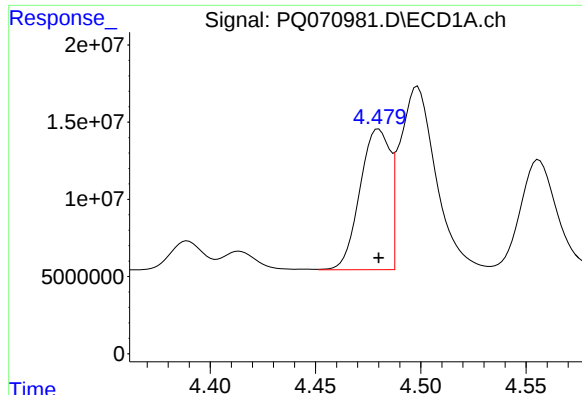
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 243255520  
Conc: 75.40 ng/ml



## #2 Decachlorobiphenyl

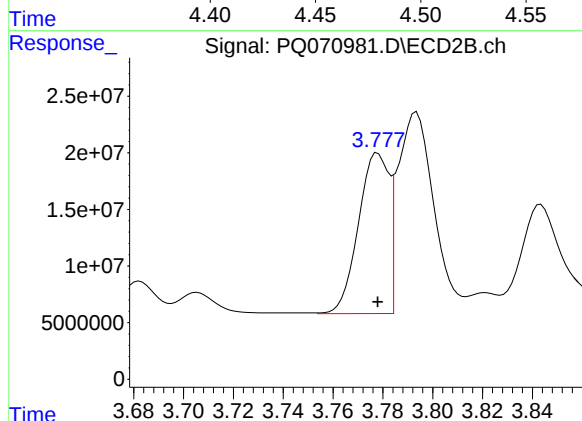
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 411249267  
Conc: 75.72 ng/ml



#16 AR-1242-1

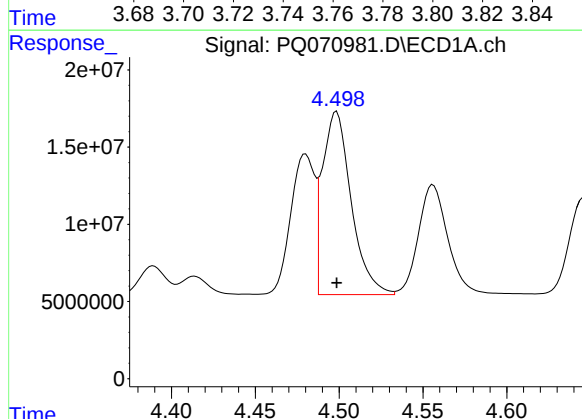
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 90376185  
Conc: 752.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC750



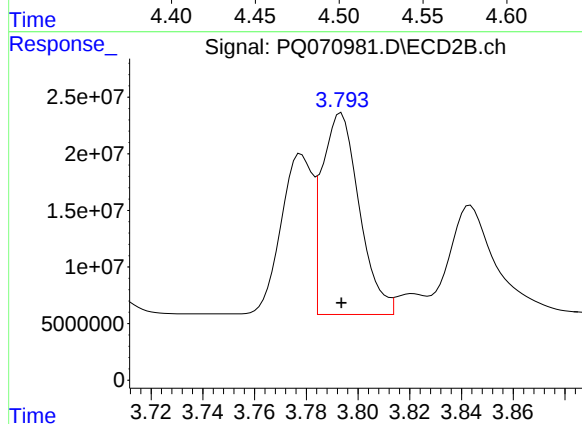
#16 AR-1242-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 120275140  
Conc: 768.19 ng/ml



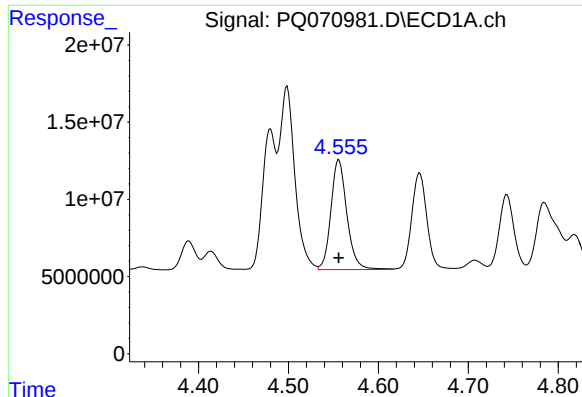
#17 AR-1242-2

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 141571716  
Conc: 755.09 ng/ml



#17 AR-1242-2

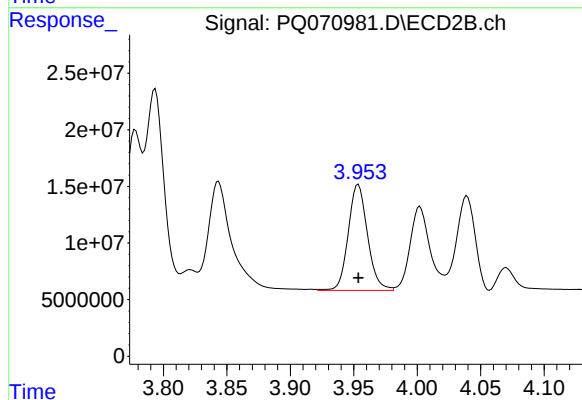
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 178303451  
Conc: 753.18 ng/ml



#18 AR-1242-3

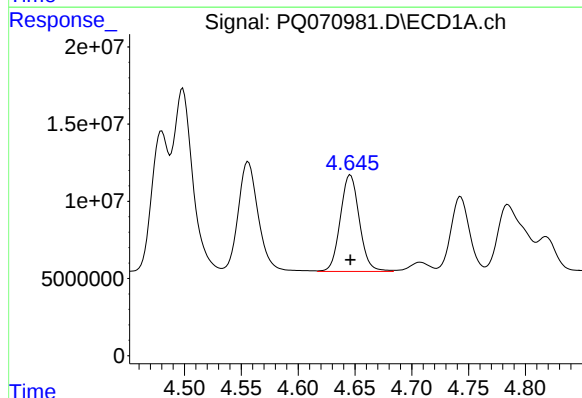
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 87949114  
Conc: 755.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC750



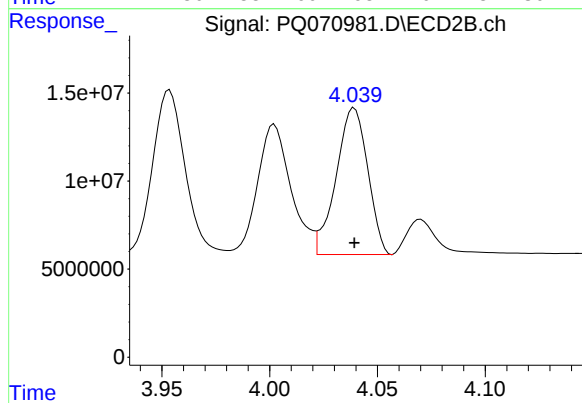
#18 AR-1242-3

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 98835228  
Conc: 765.89 ng/ml



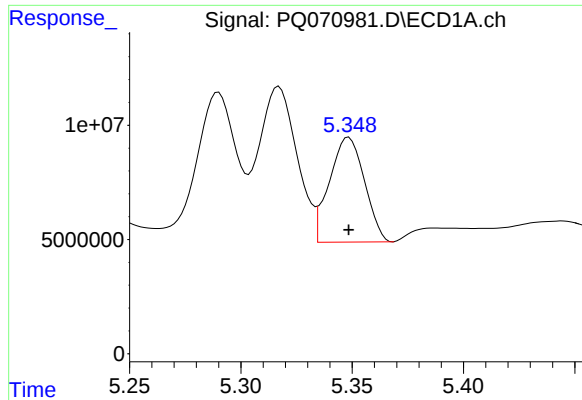
#19 AR-1242-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 73032215  
Conc: 760.69 ng/ml



#19 AR-1242-4

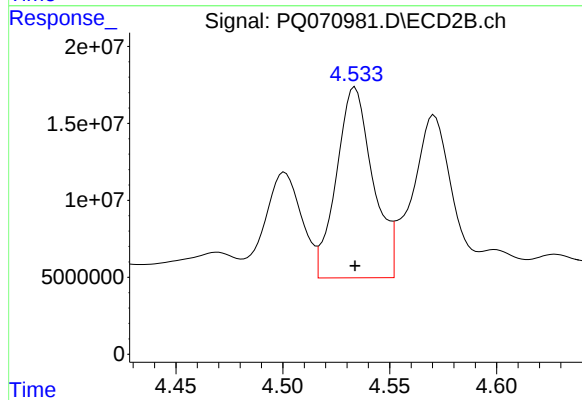
R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 85057385  
Conc: 745.90 ng/ml



#20 AR-1242-5

R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 50322958  
Conc: 708.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC750



#20 AR-1242-5

R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 147014260  
Conc: 806.71 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070982.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 11:08  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:05:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:05:14 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...          | 3.400 | 2.778 | 231.2E6  | 286.3E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 167.6E6  | 280.8E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 4.480 | 3.778 | 60958684 | 80109600 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 4.499 | 3.793 | 97235865 | 122.0E6  | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 4.556 | 3.954 | 60364163 | 66044686 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 4.646 | 4.040 | 49472392 | 60380961 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 5.351 | 4.534 | 41359410 | 87693684 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

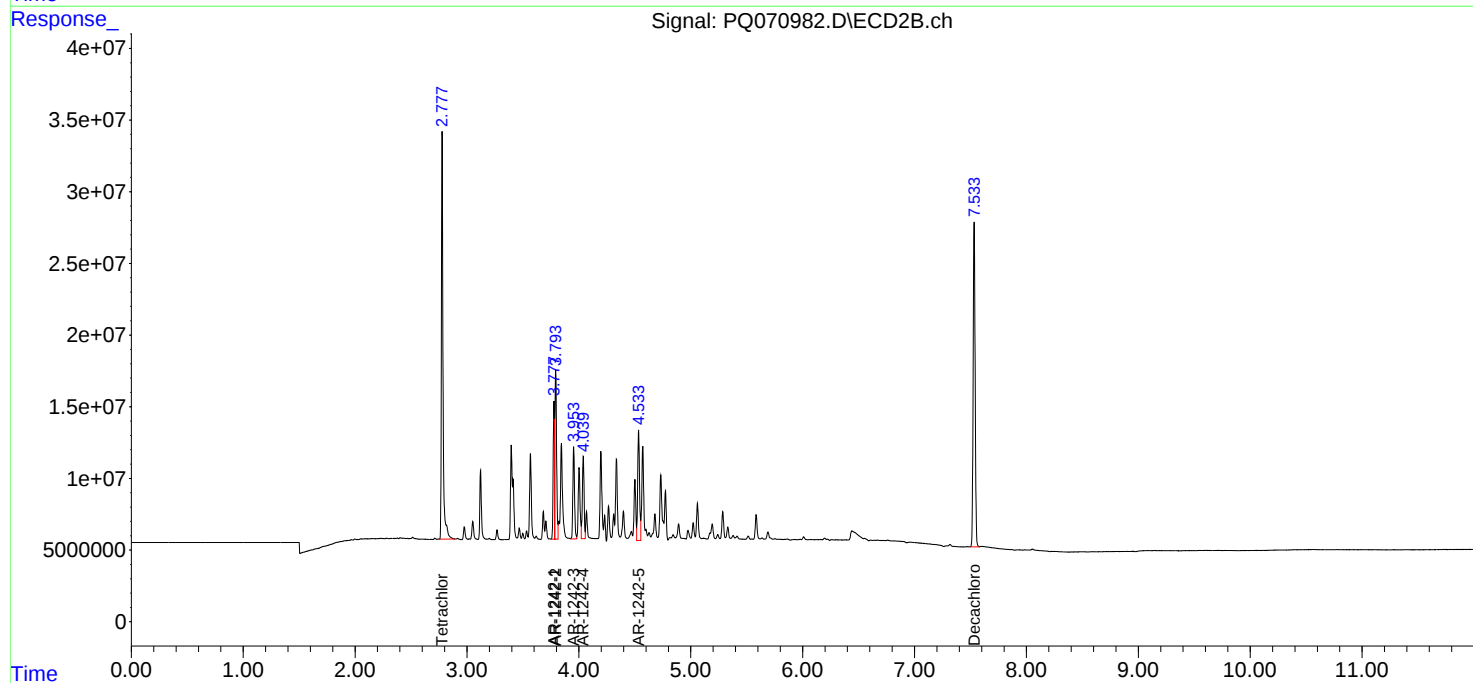
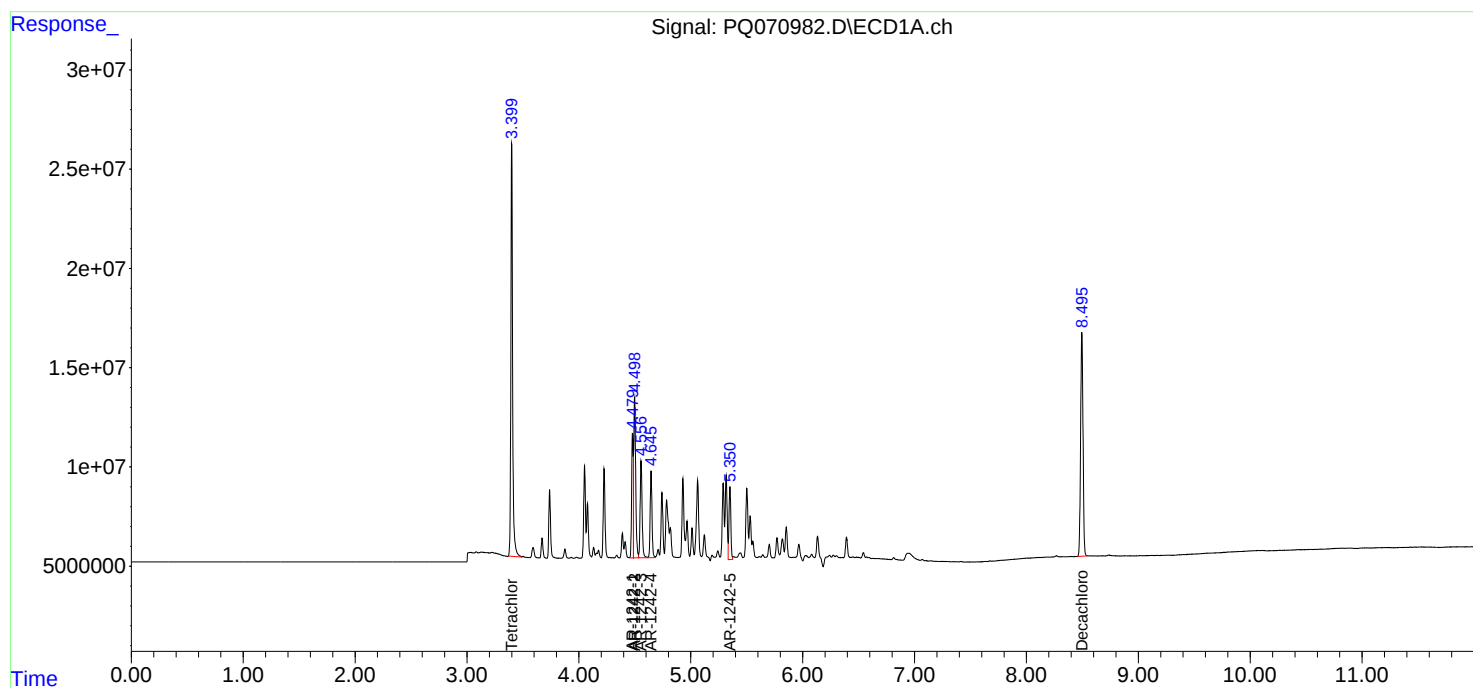
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

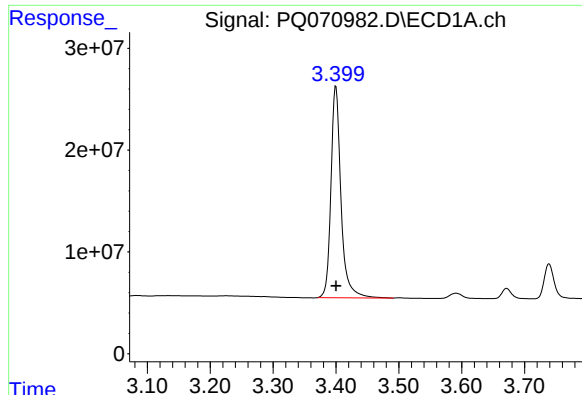
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070982.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 11:08  
Operator : YP\AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:05:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:05:14 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

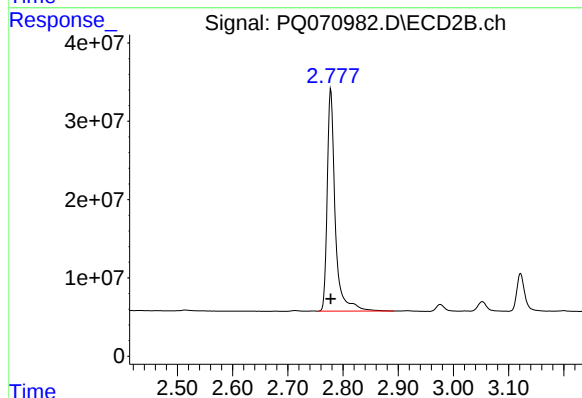




## #1 Tetrachloro-m-xylene

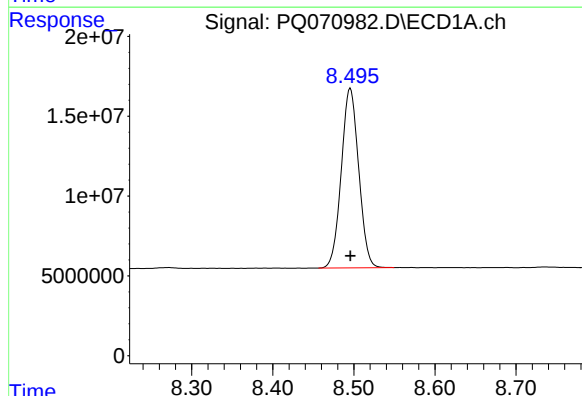
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 231153264  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC500



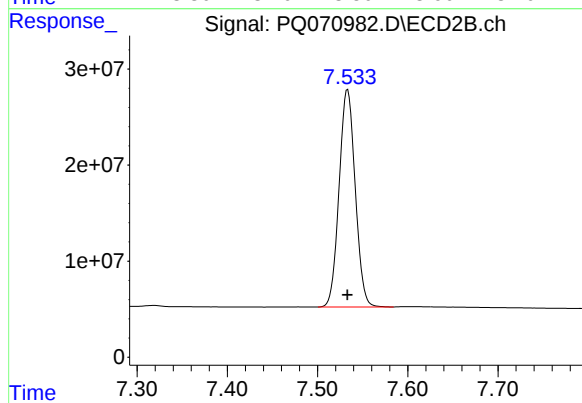
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 286277162  
Conc: 50.00 ng/ml



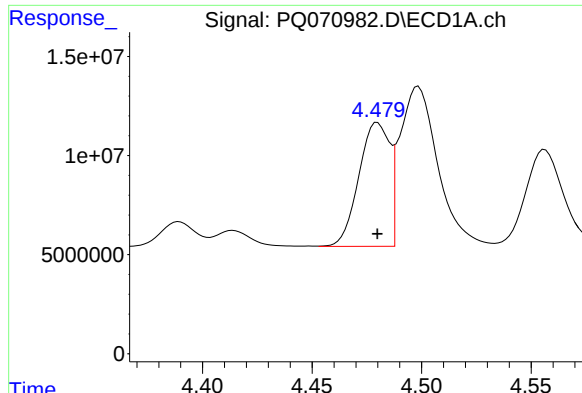
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 167640288  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

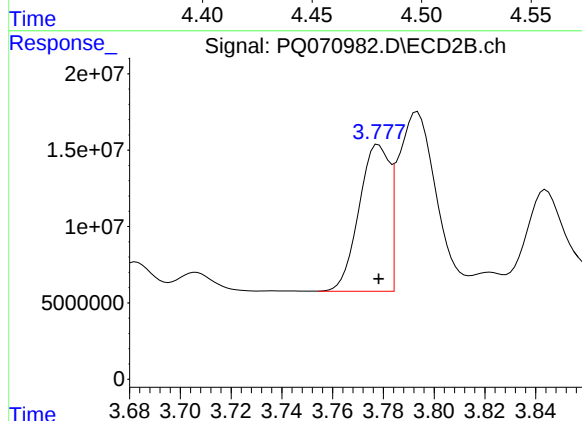
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 280823944  
Conc: 50.00 ng/ml



#16 AR-1242-1

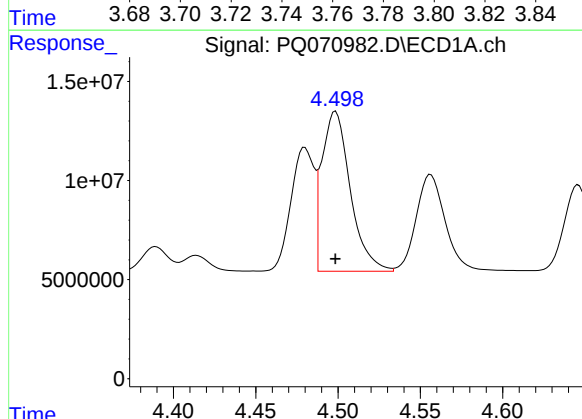
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 60958684  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC500



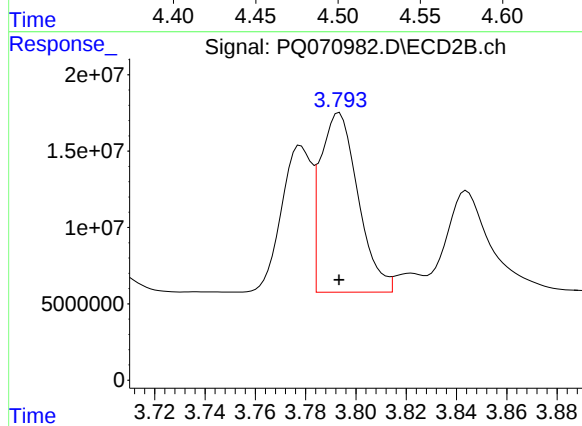
#16 AR-1242-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 80109600  
Conc: 500.00 ng/ml



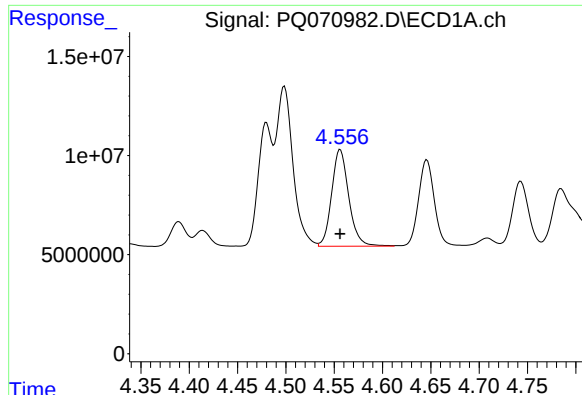
#17 AR-1242-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 97235865  
Conc: 500.00 ng/ml



#17 AR-1242-2

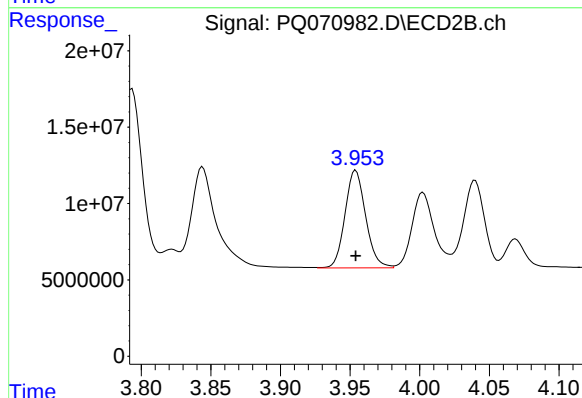
R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 122027510  
Conc: 500.00 ng/ml



#18 AR-1242-3

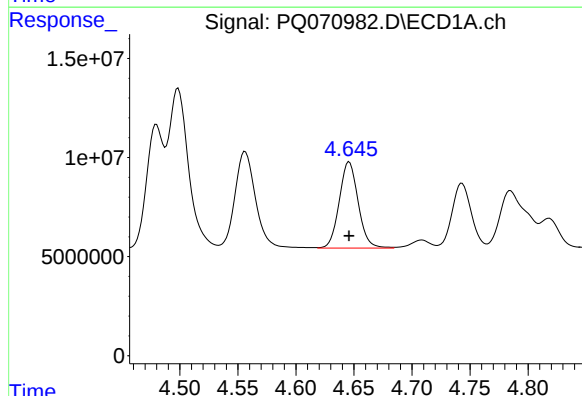
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 60364163  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC500



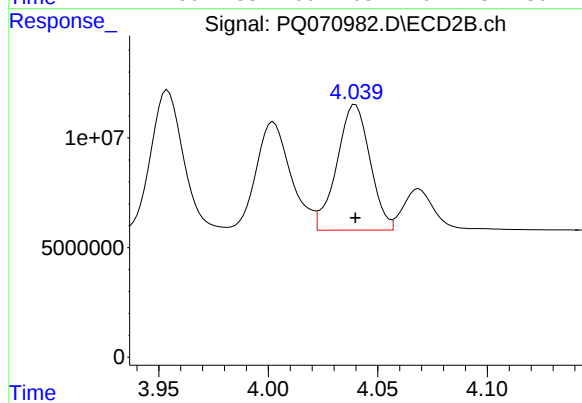
#18 AR-1242-3

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 66044686  
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 49472392  
Conc: 500.00 ng/ml



#19 AR-1242-4

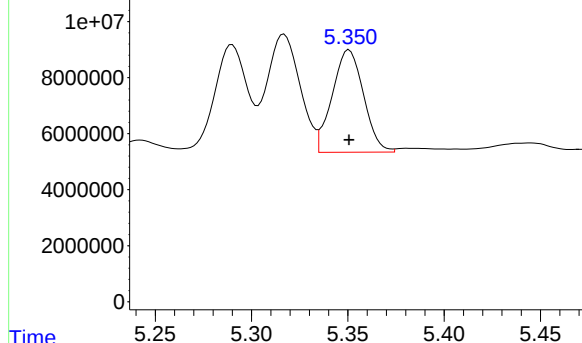
R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 60380961  
Conc: 500.00 ng/ml

Response\_

Signal: PQ070982.D\ECD1A.ch

#20 AR-1242-5

ICAL Form



R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 41359410  
Conc: 500.00 ng/ml

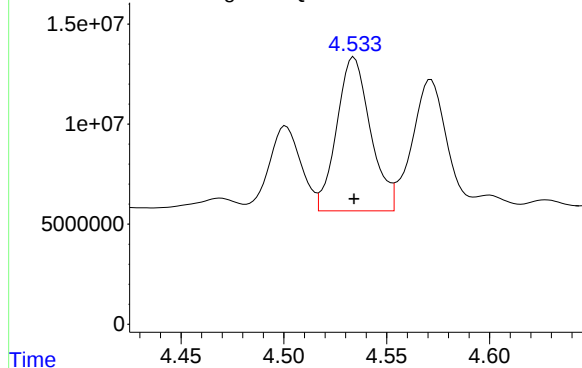
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC500

Time

Response\_

Signal: PQ070982.D\ECD2B.ch

#20 AR-1242-5



R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 87693684  
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070983.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 11:22  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:15:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:10:08 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...          | 3.401 | 2.778 | 115.1E6  | 136.2E6  | 25.240  | 24.319    |
| 2) SA Decachlor...          | 8.497 | 7.534 | 83994234 | 142.5E6  | 25.768  | 25.912    |
| Target Compounds            |       |       |          |          |         |           |
| 16) L4 AR-1242-1            | 4.481 | 3.778 | 31044472 | 41346745 | 256.287 | 260.414   |
| 17) L4 AR-1242-2            | 4.499 | 3.794 | 49429930 | 62193156 | 260.092 | 259.416   |
| 18) L4 AR-1242-3            | 4.557 | 3.954 | 30938677 | 33857327 | 261.612 | 259.162   |
| 19) L4 AR-1242-4            | 4.647 | 4.040 | 25299238 | 32086157 | 259.999 | 272.815   |
| 20) L4 AR-1242-5            | 5.352 | 4.534 | 25666453 | 41818817 | 325.093 | 234.281 # |
| -----                       |       |       |          |          |         |           |

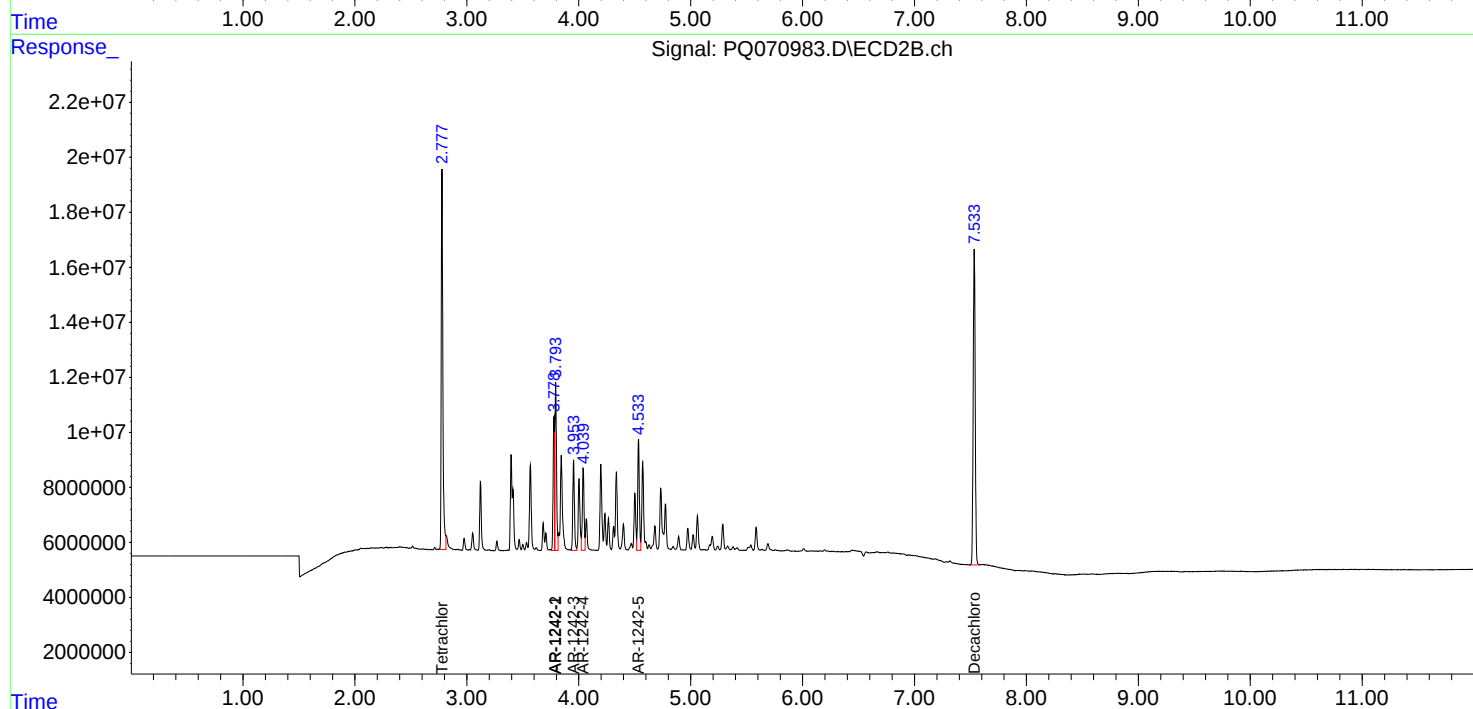
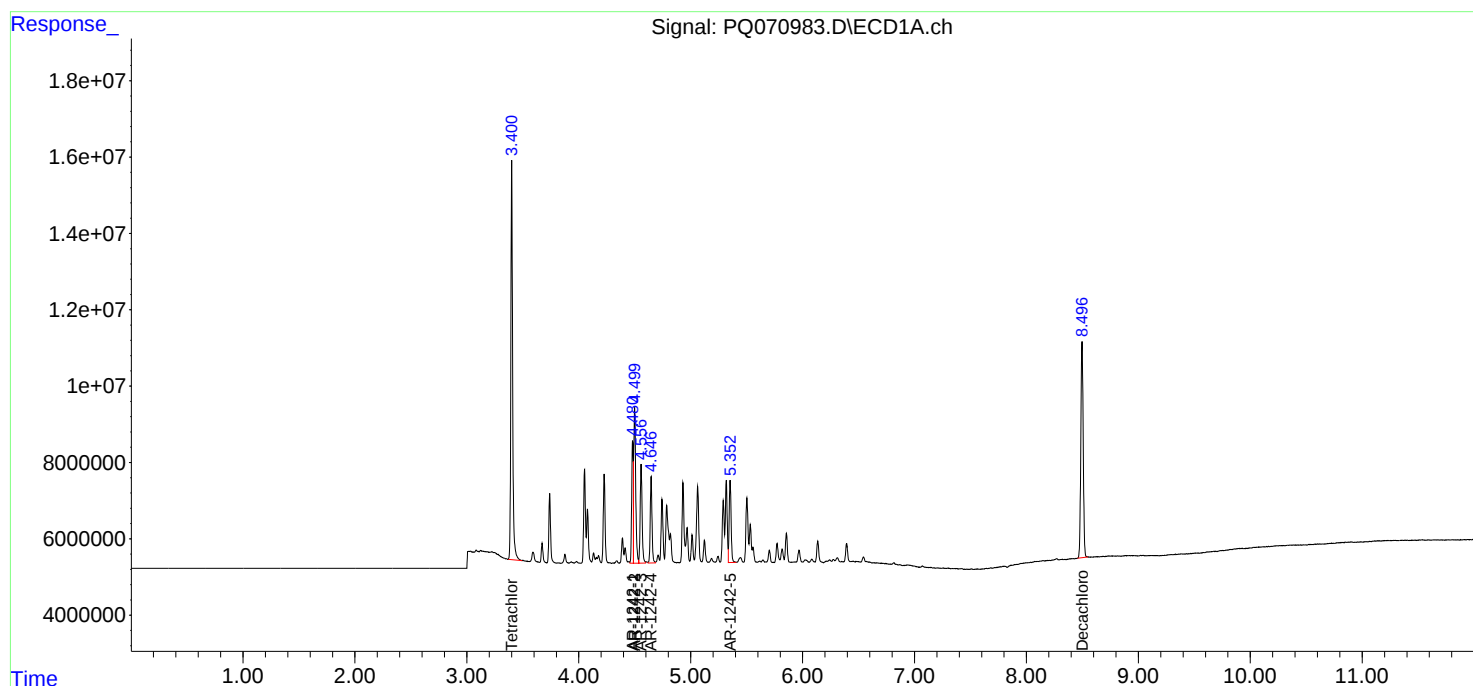
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

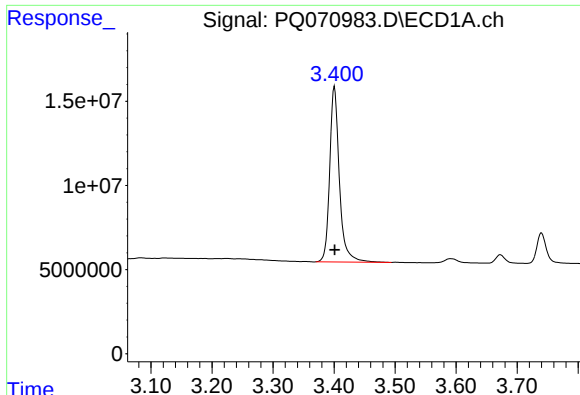
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070983.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 11:22  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:15:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:10:08 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

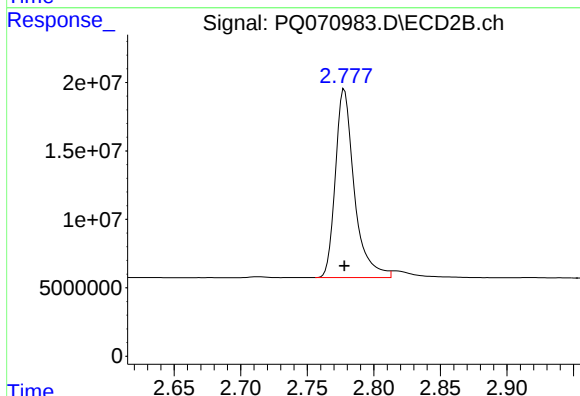




## #1 Tetrachloro-m-xylene

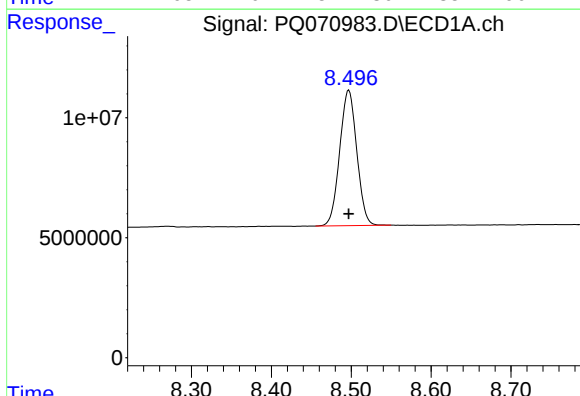
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 115146396  
Conc: 25.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC250



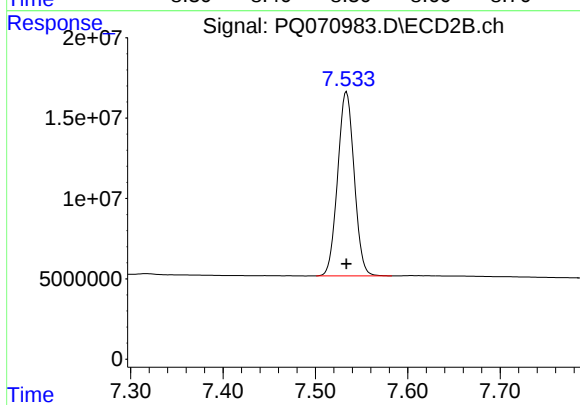
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 136161324  
Conc: 24.32 ng/ml



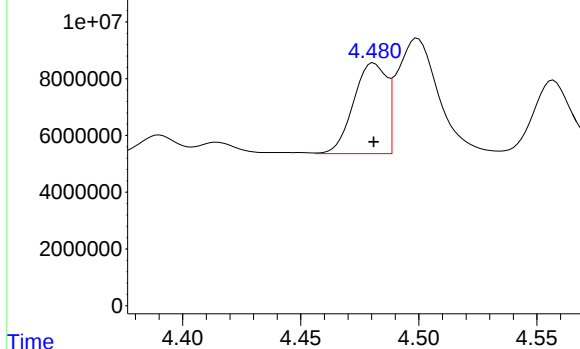
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 83994234  
Conc: 25.77 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 142468913  
Conc: 25.91 ng/ml



R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 31044472  
Conc: 256.29 ng/ml

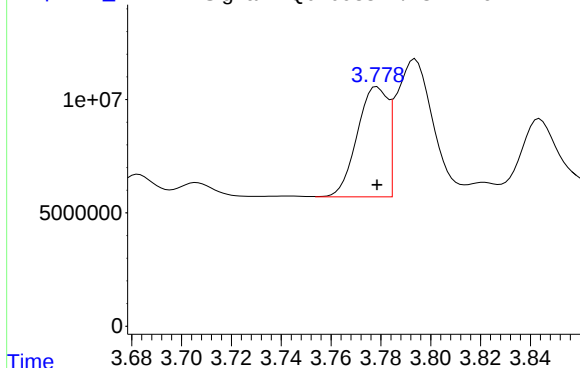
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC250

Time

Response\_

Signal: PQ070983.D\ECD2B.ch

#16 AR-1242-1



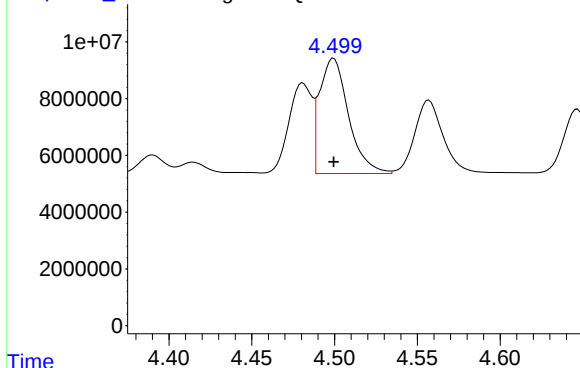
R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 41346745  
Conc: 260.41 ng/ml

Time

Response\_

Signal: PQ070983.D\ECD1A.ch

#17 AR-1242-2



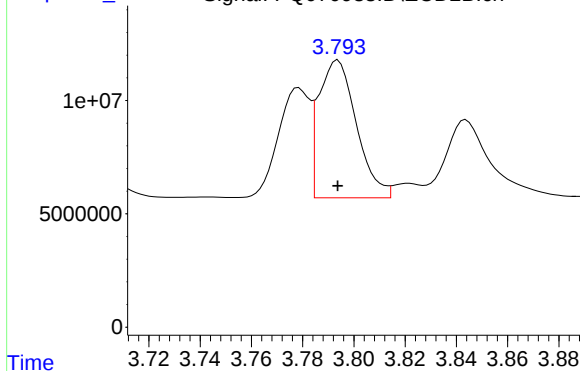
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 49429930  
Conc: 260.09 ng/ml

Time

Response\_

Signal: PQ070983.D\ECD2B.ch

#17 AR-1242-2

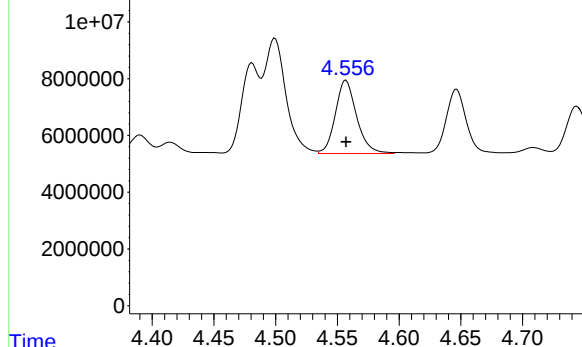


R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 62193156  
Conc: 259.42 ng/ml

Time

Response\_ Signal: PQ070983.D\ECD1A.ch

#18 AR-1242-3

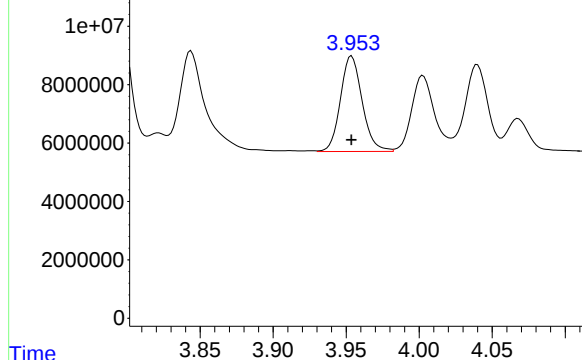


R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 30938677  
Conc: 261.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC250

Time Response\_ Signal: PQ070983.D\ECD2B.ch

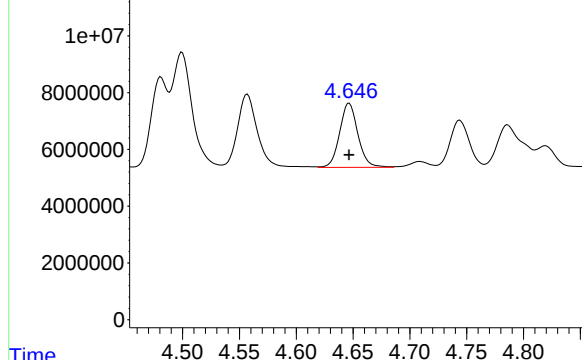
#18 AR-1242-3



R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 33857327  
Conc: 259.16 ng/ml

Time Response\_ Signal: PQ070983.D\ECD1A.ch

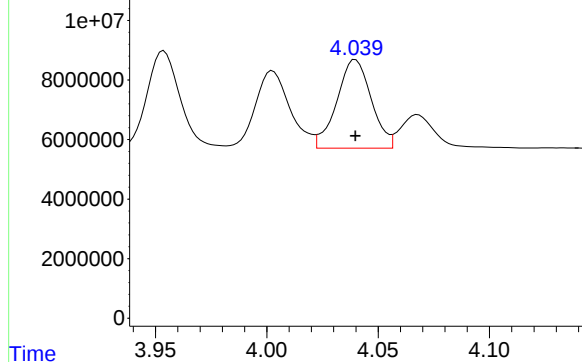
#19 AR-1242-4



R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 25299238  
Conc: 260.00 ng/ml

Time Response\_ Signal: PQ070983.D\ECD2B.ch

#19 AR-1242-4

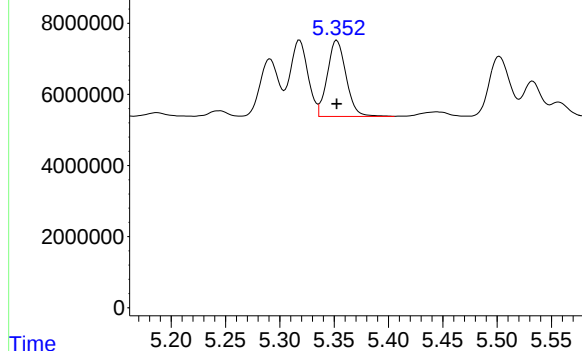


R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 32086157  
Conc: 272.81 ng/ml

Response\_

Signal: PQ070983.D\ECD1A.ch

#20 AR-1242-5



R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 25666453  
Conc: 325.09 ng/ml

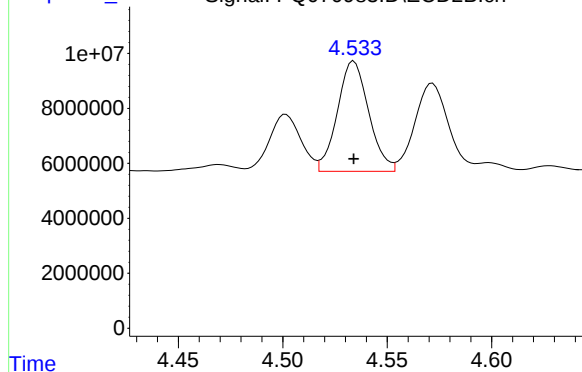
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC250

Time

Response\_

Signal: PQ070983.D\ECD2B.ch

#20 AR-1242-5



R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 41818817  
Conc: 234.28 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070984.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 11:37  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:20:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:10:08 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...          | 3.400 | 2.778 | 23512581 | 27180813 | 5.122   | 4.883   |
| 2) SA Decachlor...          | 8.496 | 7.534 | 16433954 | 30524389 | 5.033   | 5.432   |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 4.481 | 3.777 | 5511662  | 8960987  | 46.335  | 57.042m |
| 17) L4 AR-1242-2            | 4.499 | 3.793 | 9668594  | 12395166 | 50.697  | 51.291m |
| 18) L4 AR-1242-3            | 4.556 | 3.953 | 6071735  | 6826795  | 51.068  | 51.803m |
| 19) L4 AR-1242-4            | 4.646 | 4.039 | 5427928  | 5120094  | 54.521  | 44.579m |
| 20) L4 AR-1242-5            | 5.317 | 4.534 | 3890240  | 7835249  | 49.488m | 45.137m |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070984.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 11:37  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

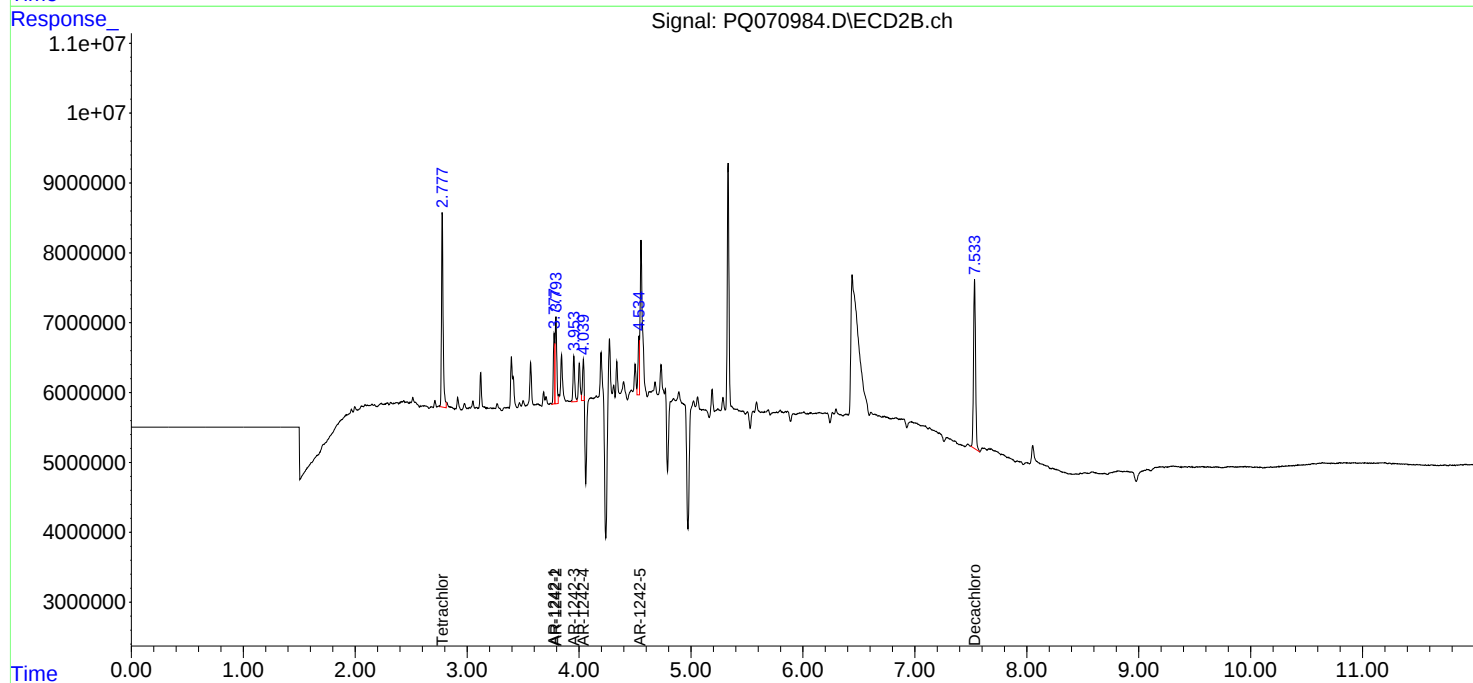
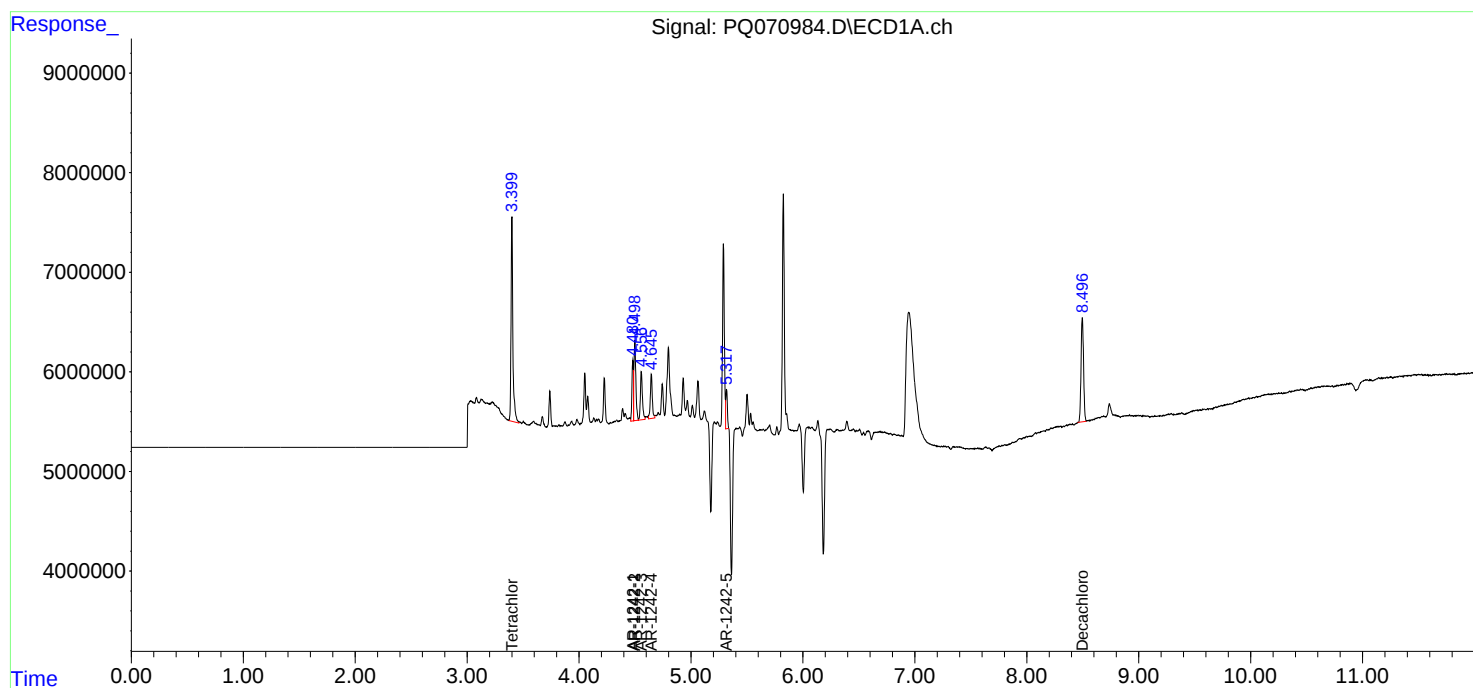
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC050

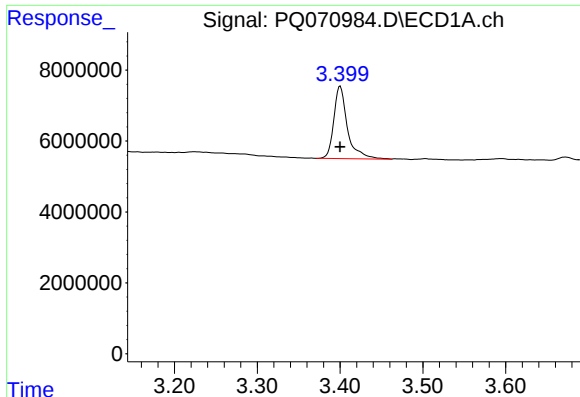
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:20:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:10:08 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

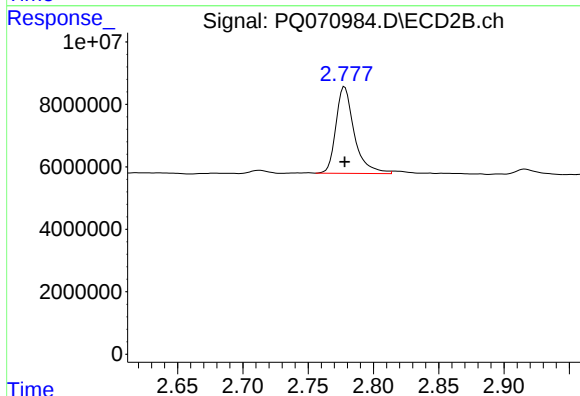
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 23512581  
Conc: 5.12 ng/ml

ICAL Form

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC050

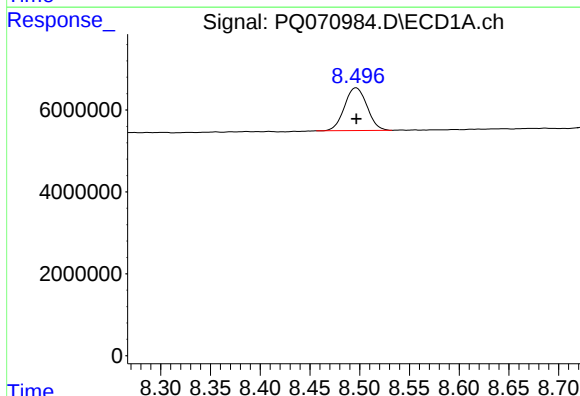
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



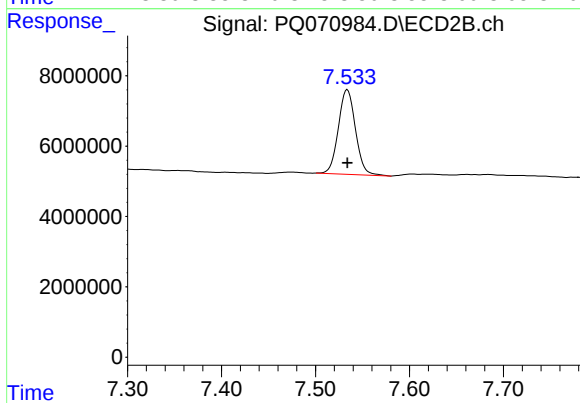
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 27180813  
Conc: 4.88 ng/ml



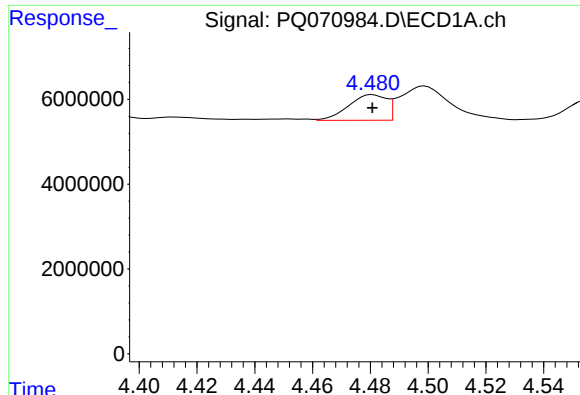
#2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 16433954  
Conc: 5.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 30524389  
Conc: 5.43 ng/ml



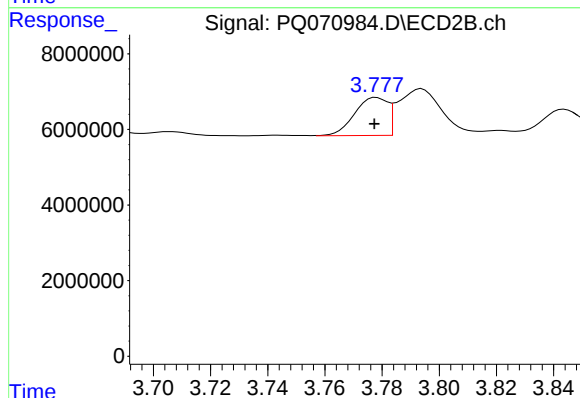
#16 AR-1242-1

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 5511662  
Conc: 46.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC050

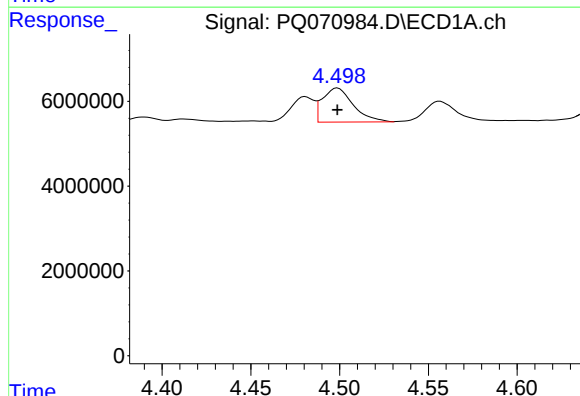
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



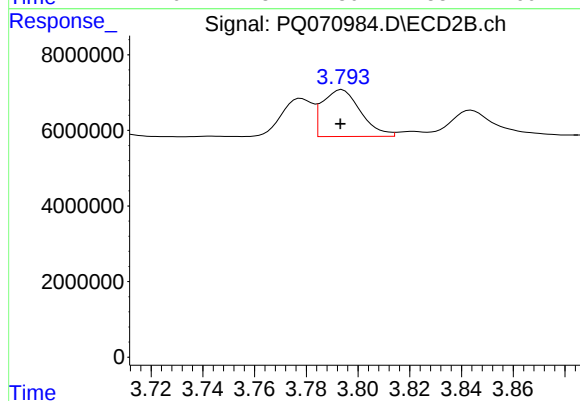
#16 AR-1242-1

R.T.: 3.777 min  
Delta R.T.: 0.000 min  
Response: 8960987  
Conc: 57.04 ng/ml m



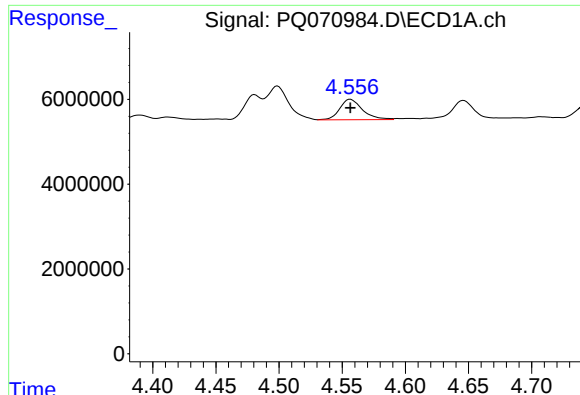
#17 AR-1242-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 9668594  
Conc: 50.70 ng/ml



#17 AR-1242-2

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 12395166  
Conc: 51.29 ng/ml m



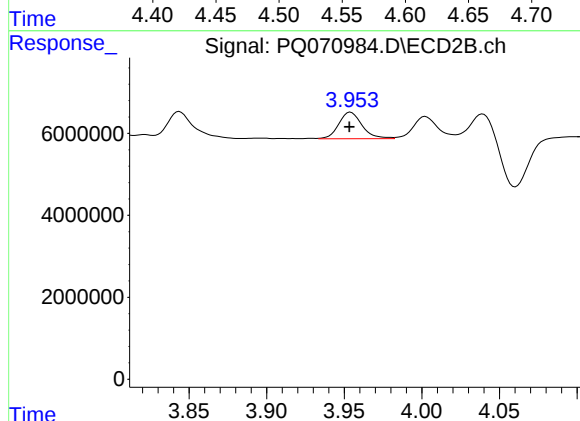
#18 AR-1242-3

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 6071735  
Conc: 51.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC050

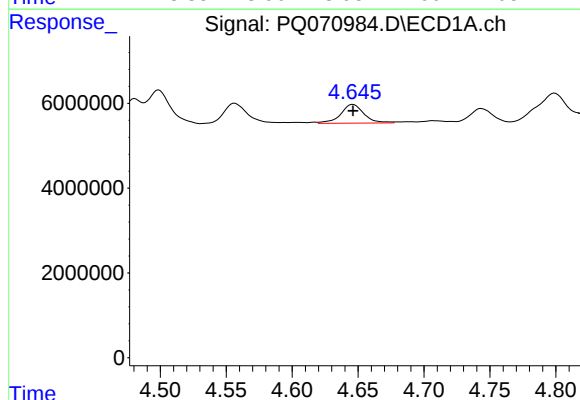
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



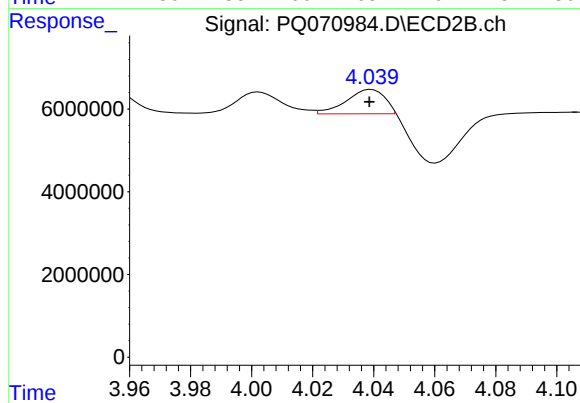
#18 AR-1242-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 6826795  
Conc: 51.80 ng/ml m



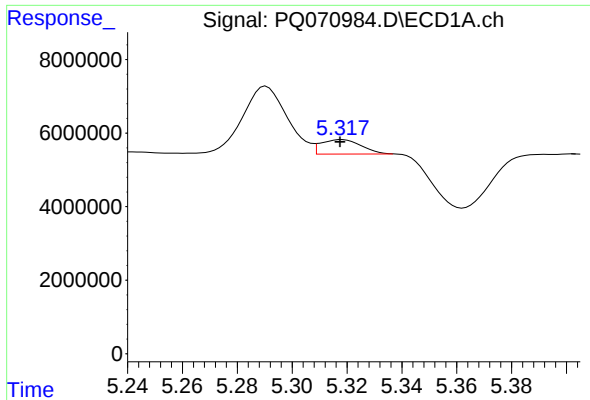
#19 AR-1242-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 5427928  
Conc: 54.52 ng/ml



#19 AR-1242-4

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 5120094  
Conc: 44.58 ng/ml m



#20 AR-1242-5

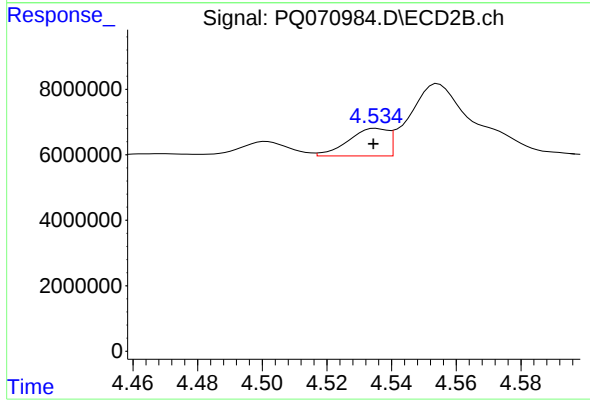
R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 3890240  
Conc: 49.49 ng/ml

ICAL Form

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 7835249  
Conc: 45.14 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 11:51  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:40:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:37:43 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...          | 3.400 | 2.778 | 454.7E6  | 549.9E6 | 97.923   | 98.007  |
| 2) SA Decachlor...          | 8.496 | 7.534 | 317.7E6  | 535.7E6 | 96.574   | 96.631  |
| Target Compounds            |       |       |          |         |          |         |
| 21) L5 AR-1248-1            | 4.480 | 3.778 | 89951061 | 118.1E6 | 950.710  | 962.148 |
| 22) L5 AR-1248-2            | 4.743 | 4.002 | 126.8E6  | 173.0E6 | 954.654  | 954.823 |
| 23) L5 AR-1248-3            | 4.930 | 4.039 | 153.0E6  | 167.6E6 | 958.744  | 969.281 |
| 24) L5 AR-1248-4            | 5.318 | 4.197 | 167.1E6  | 207.4E6 | 954.987  | 947.004 |
| 25) L5 AR-1248-5            | 5.353 | 4.572 | 163.7E6  | 211.1E6 | 1106.316 | 928.819 |
| -----                       |       |       |          |         |          |         |

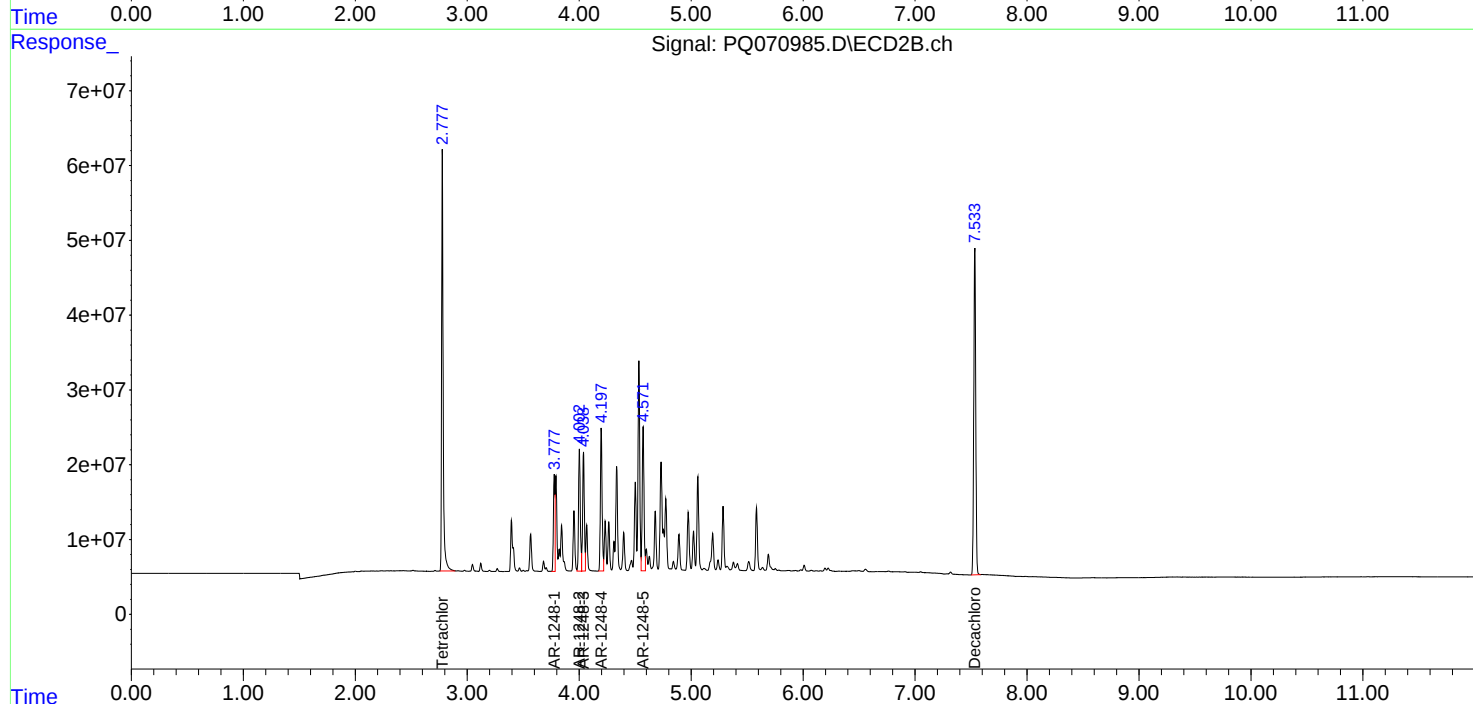
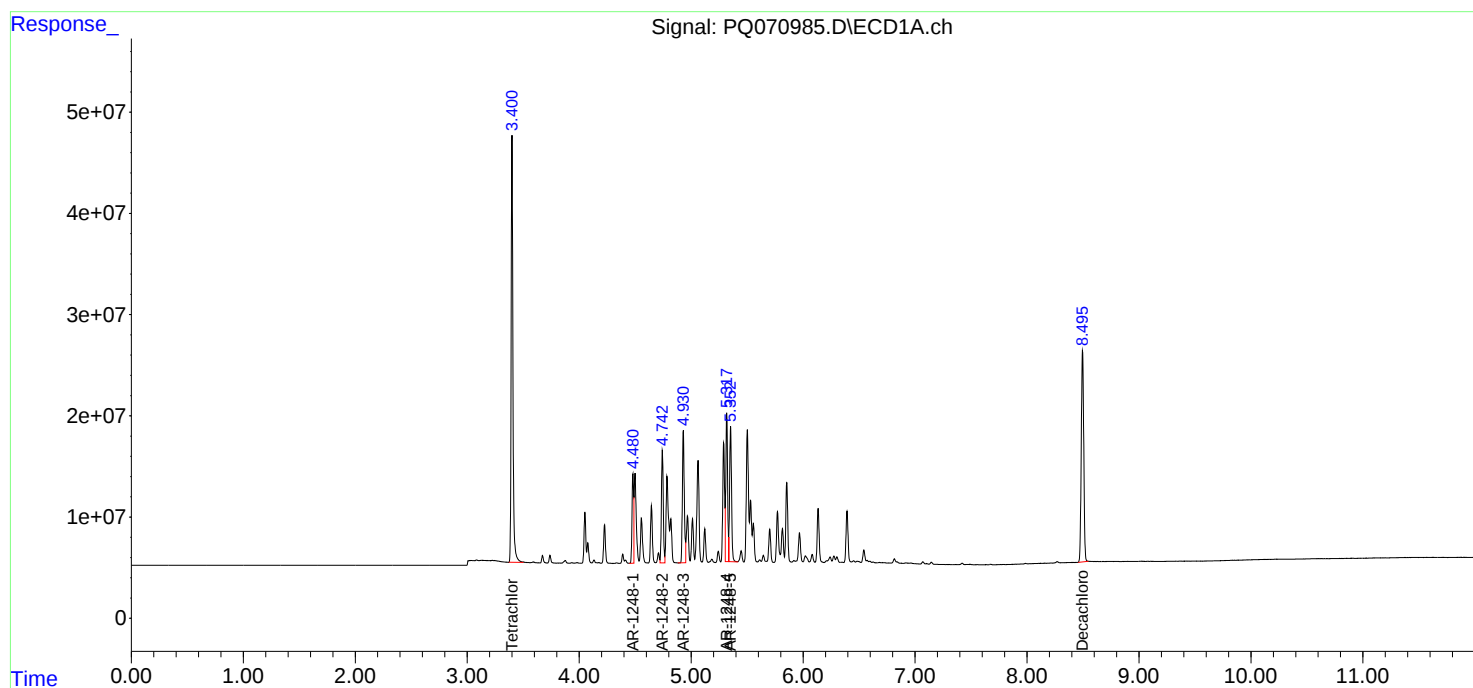
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070985.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 11:51  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:40:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:37:43 2025  
Response via : Initial Calibration  
Integrator: ChemStation

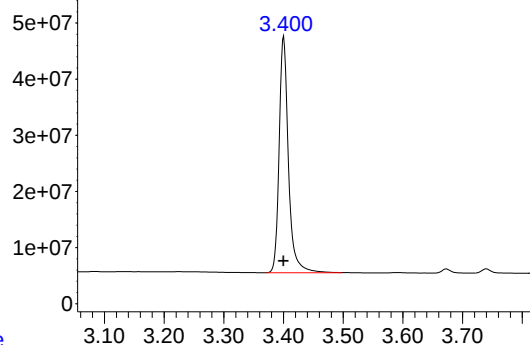
Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response\_

Signal: PQ070985.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 454650898  
Conc: 97.92 ng/ml

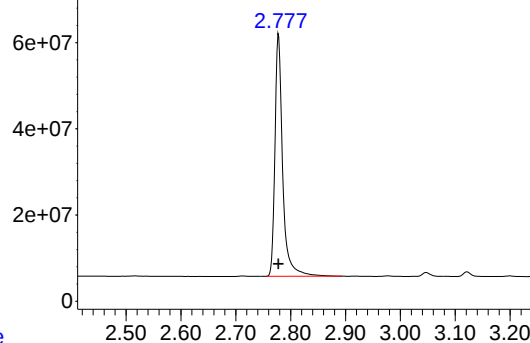
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC1000

Time

Response\_

Signal: PQ070985.D\ECD2B.ch

#1 Tetrachloro-m-xylene



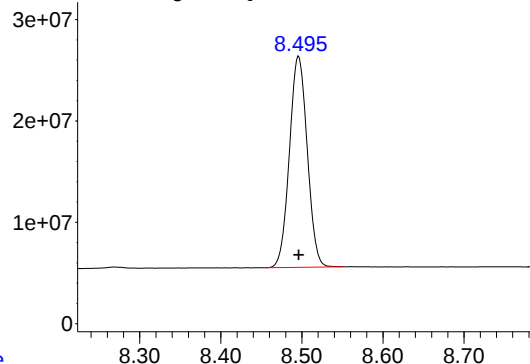
R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 549926827  
Conc: 98.01 ng/ml

Time

Response\_

Signal: PQ070985.D\ECD1A.ch

#2 Decachlorobiphenyl



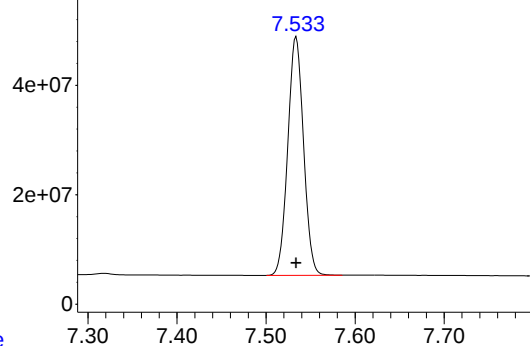
R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 317734844  
Conc: 96.57 ng/ml

Time

Response\_

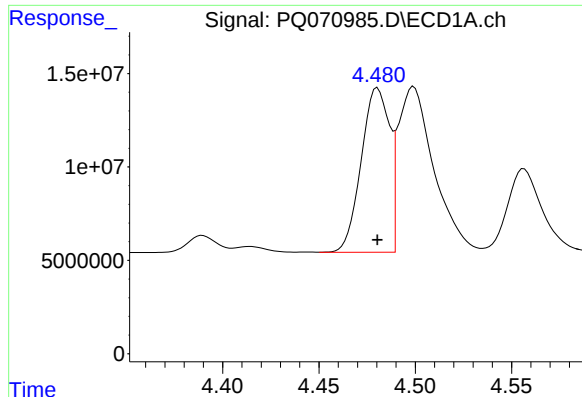
Signal: PQ070985.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 535728433  
Conc: 96.63 ng/ml

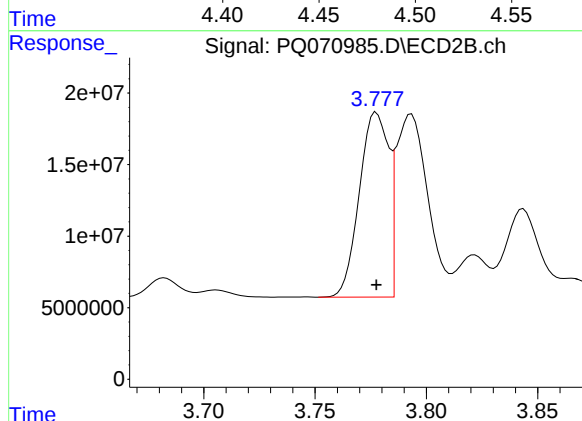
Time



#21 AR-1248-1

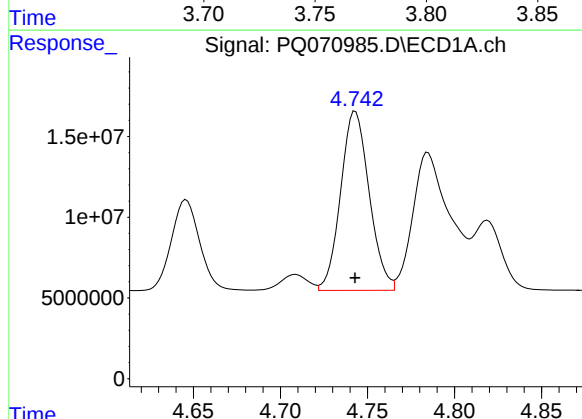
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 89951061  
Conc: 950.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC1000



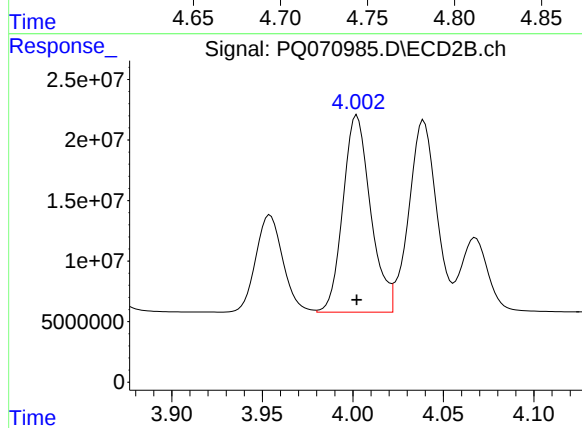
#21 AR-1248-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 118147108  
Conc: 962.15 ng/ml



#22 AR-1248-2

R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 126849870  
Conc: 954.65 ng/ml

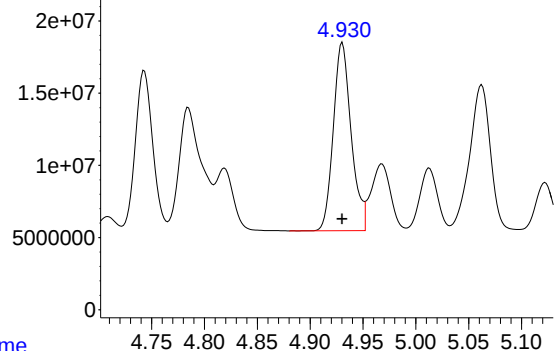


#22 AR-1248-2

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 172958749  
Conc: 954.82 ng/ml

Response\_ Signal: PQ070985.D\ECD1A.ch

#23 AR-1248-3

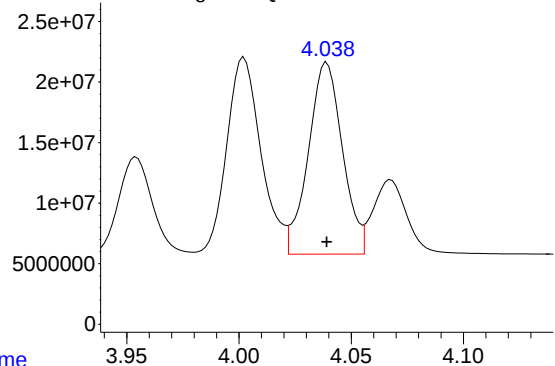


R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 152980867  
Conc: 958.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC1000

Time Response\_ Signal: PQ070985.D\ECD2B.ch

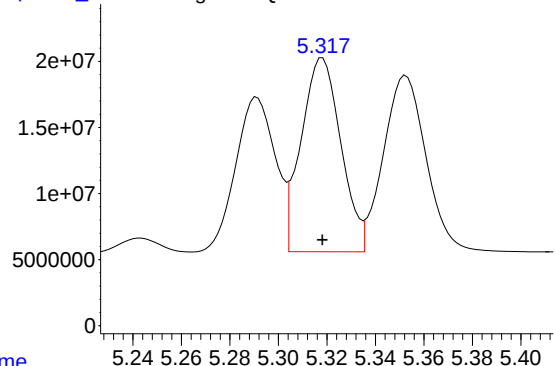
#23 AR-1248-3



R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 167593672  
Conc: 969.28 ng/ml

Time Response\_ Signal: PQ070985.D\ECD1A.ch

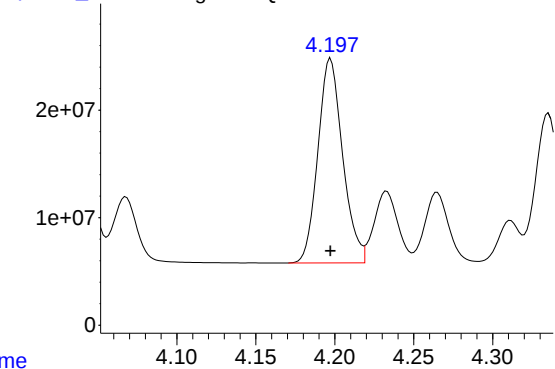
#24 AR-1248-4



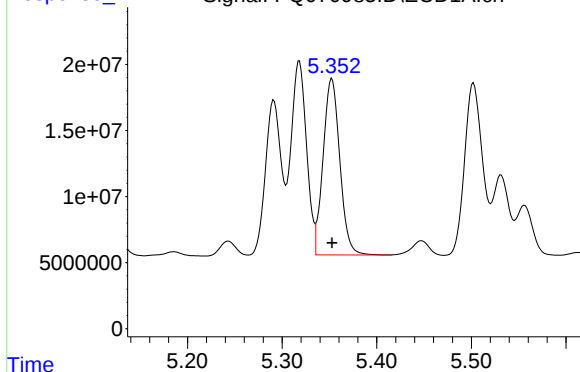
R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 167077290  
Conc: 954.99 ng/ml

Time Response\_ Signal: PQ070985.D\ECD2B.ch

#24 AR-1248-4



R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 207432918  
Conc: 947.00 ng/ml



R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 163667698  
Conc: 1106.32 ng/ml

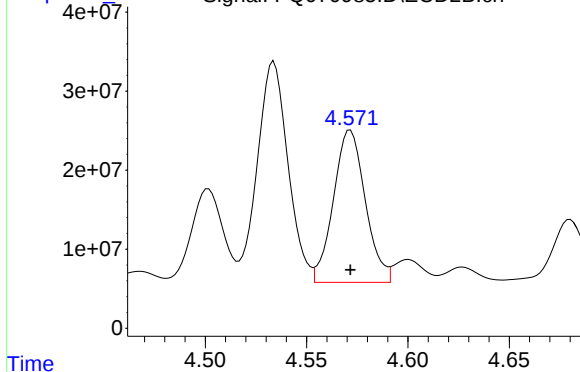
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC1000

Time

Response

Signal: PQ070985.D\ECD2B.ch

#25 AR-1248-5



R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 211078475  
Conc: 928.82 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070986.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 12:06  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:46:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:37:43 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...          | 3.400 | 2.778 | 344.9E6  | 417.8E6  | 74.527  | 74.644  |
| 2) SA Decachlor...          | 8.495 | 7.533 | 243.6E6  | 409.6E6  | 74.366  | 74.245  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 4.480 | 3.777 | 69602185 | 90481437 | 740.364 | 741.181 |
| 22) L5 AR-1248-2            | 4.744 | 4.002 | 98823740 | 133.3E6  | 745.811 | 740.453 |
| 23) L5 AR-1248-3            | 4.931 | 4.039 | 118.2E6  | 129.7E6  | 743.646 | 750.086 |
| 24) L5 AR-1248-4            | 5.318 | 4.197 | 129.8E6  | 160.6E6  | 744.762 | 738.847 |
| 25) L5 AR-1248-5            | 5.352 | 4.571 | 126.1E6  | 162.5E6  | 815.290 | 726.458 |
| -----                       |       |       |          |          |         |         |

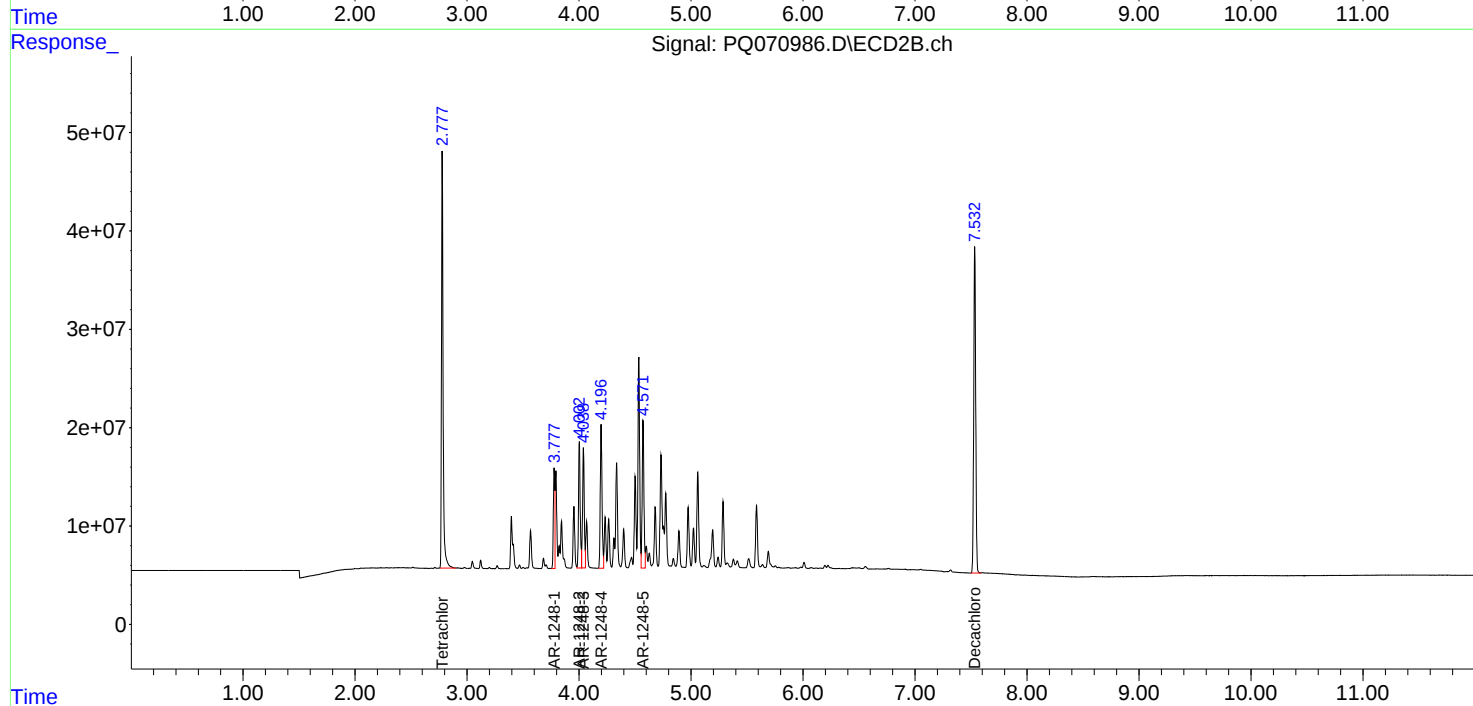
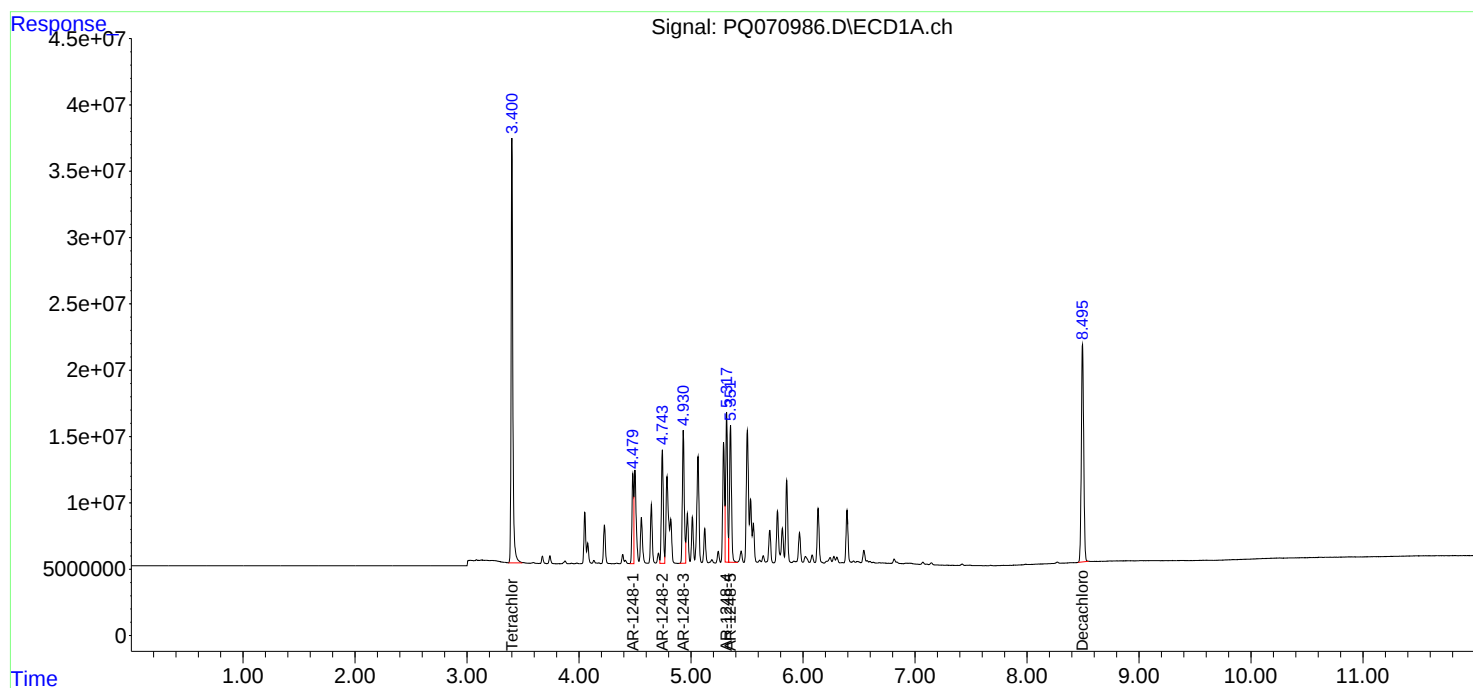
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

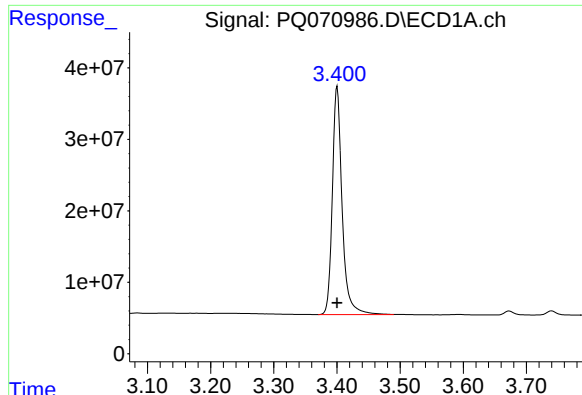
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070986.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:06  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:46:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:37:43 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

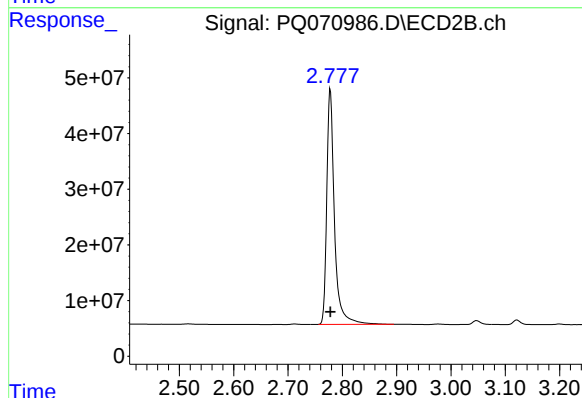




## #1 Tetrachloro-m-xylene

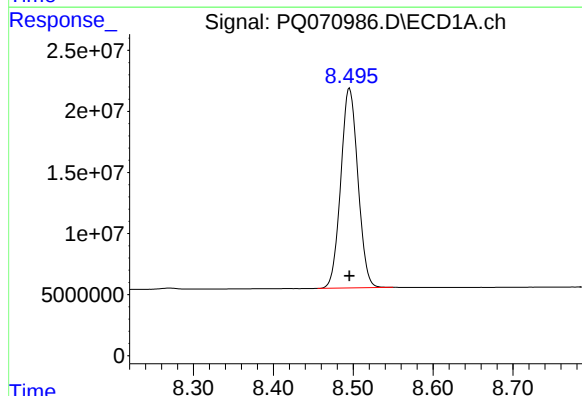
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 344936586  
Conc: 74.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC750



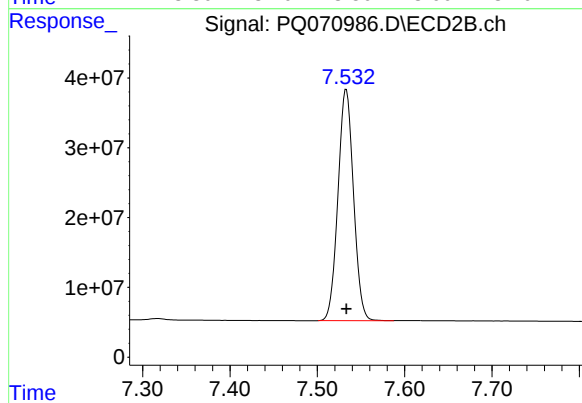
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 417847054  
Conc: 74.64 ng/ml



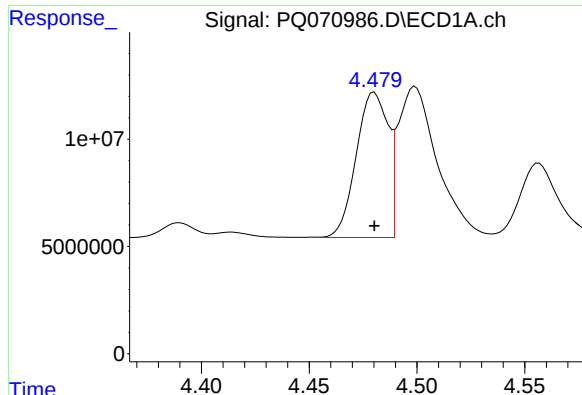
## #2 Decachlorobiphenyl

R.T.: 8.495 min  
Delta R.T.: 0.000 min  
Response: 243638918  
Conc: 74.37 ng/ml



## #2 Decachlorobiphenyl

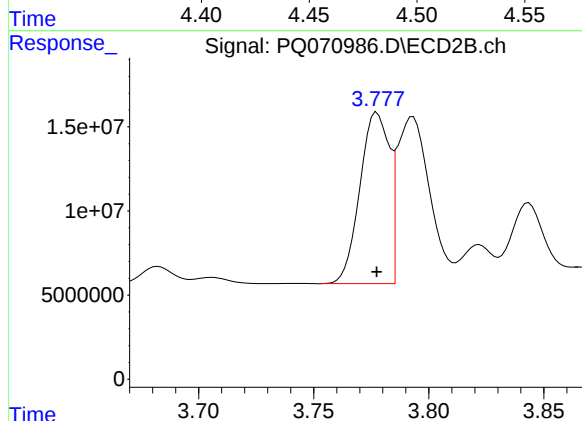
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 409558512  
Conc: 74.25 ng/ml



#21 AR-1248-1

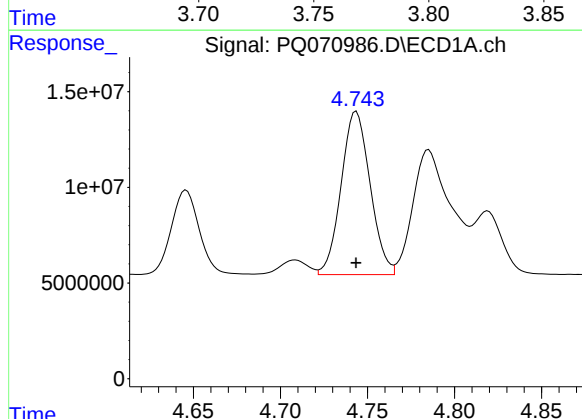
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 69602185  
Conc: 740.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC750



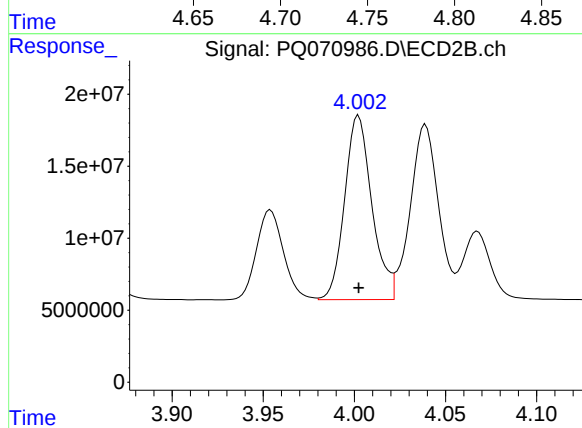
#21 AR-1248-1

R.T.: 3.777 min  
Delta R.T.: 0.000 min  
Response: 90481437  
Conc: 741.18 ng/ml



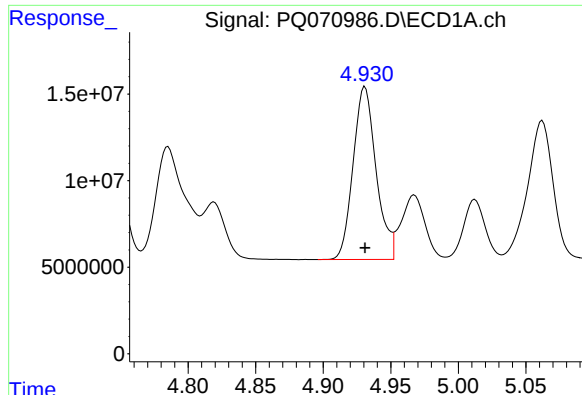
#22 AR-1248-2

R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 98823740  
Conc: 745.81 ng/ml



#22 AR-1248-2

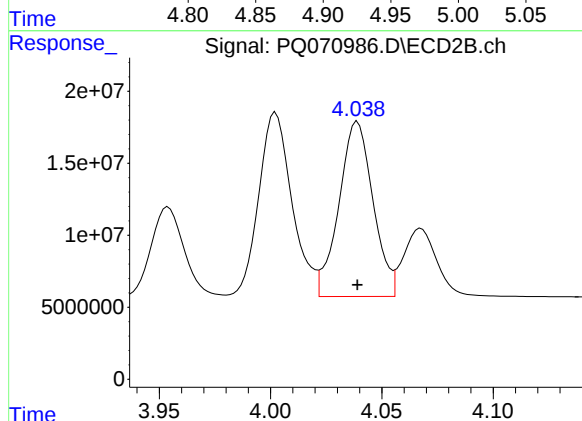
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 133279046  
Conc: 740.45 ng/ml



#23 AR-1248-3

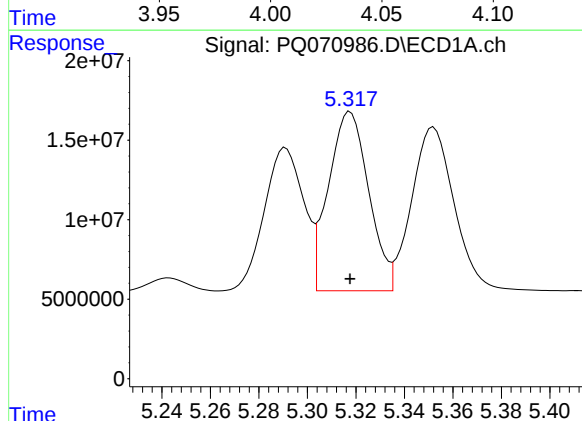
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 118158493  
Conc: 743.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC750



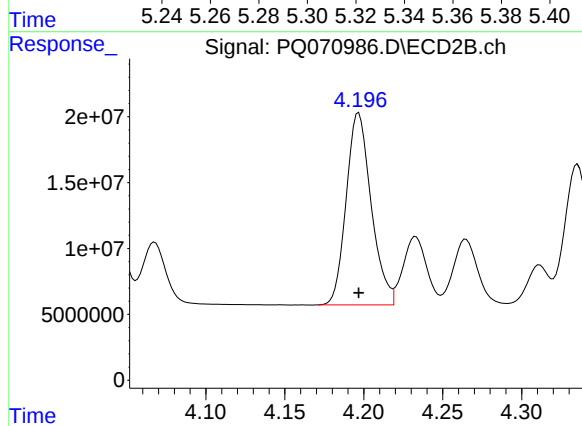
#23 AR-1248-3

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 129701077  
Conc: 750.09 ng/ml



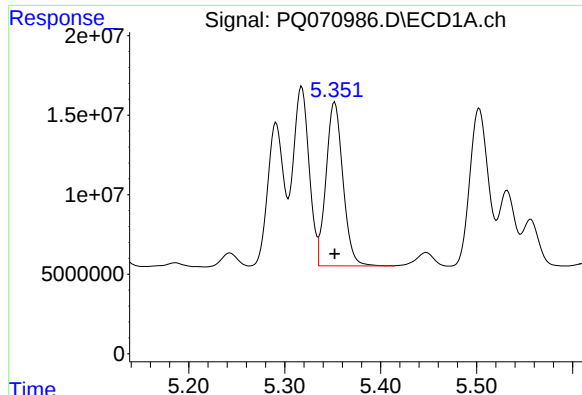
#24 AR-1248-4

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 129844545  
Conc: 744.76 ng/ml



#24 AR-1248-4

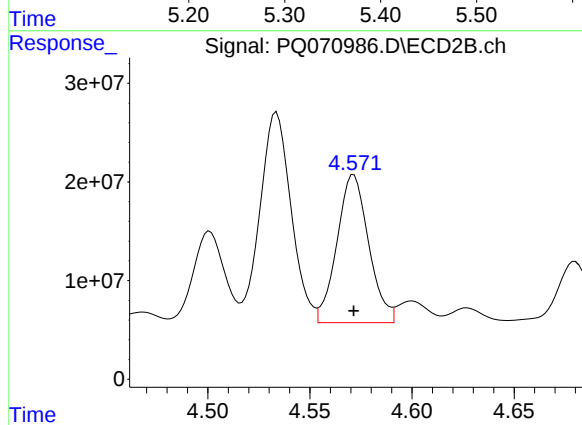
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 160643613  
Conc: 738.85 ng/ml



#25 AR-1248-5

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 126102213  
Conc: 815.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC750



#25 AR-1248-5

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 162540024  
Conc: 726.46 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070987.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 12:20  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:37:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:37:43 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...          | 3.400 | 2.778 | 237.0E6  | 286.1E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.496 | 7.532 | 170.1E6  | 286.5E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 4.480 | 3.778 | 49639121 | 63721566 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 4.744 | 4.002 | 69450264 | 94662929 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 4.931 | 4.039 | 83073425 | 89108340 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 5.318 | 4.197 | 91413720 | 115.3E6  | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 5.351 | 4.571 | 66105541 | 121.7E6  | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

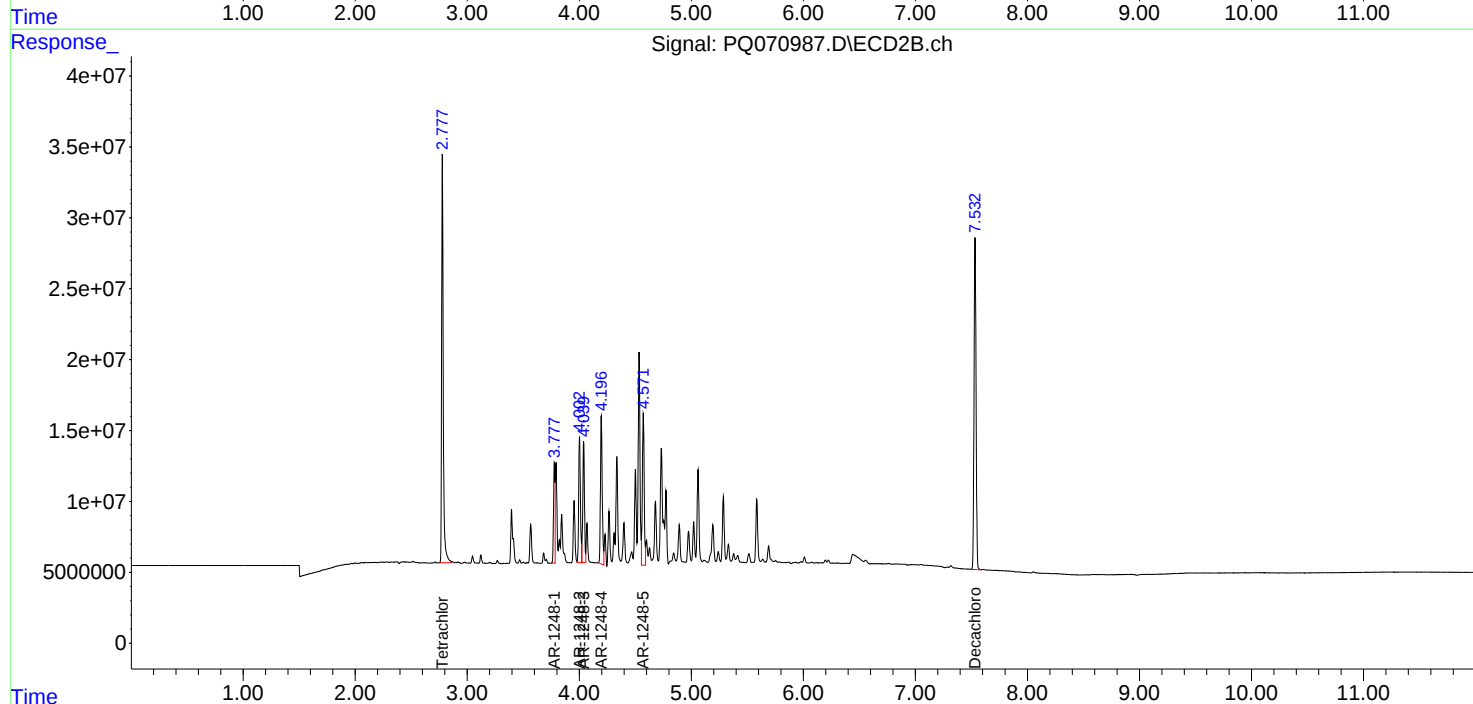
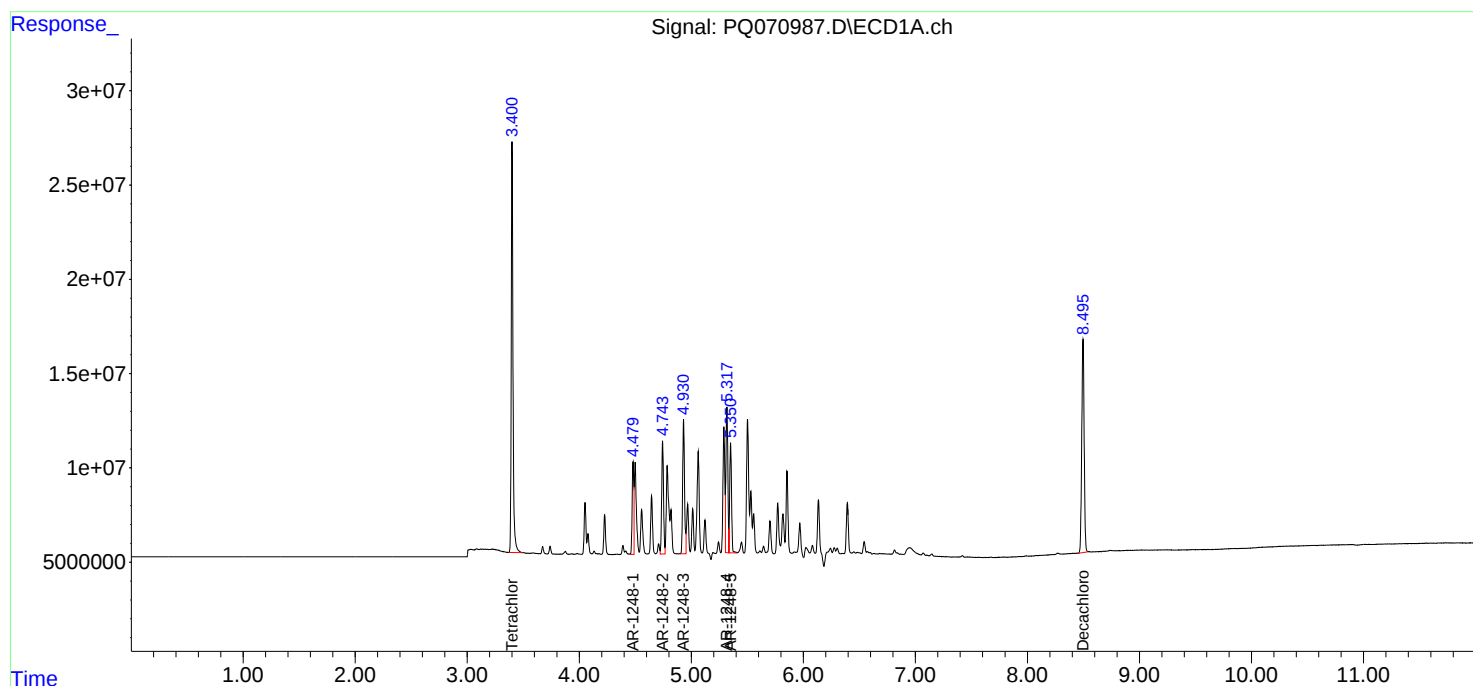
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

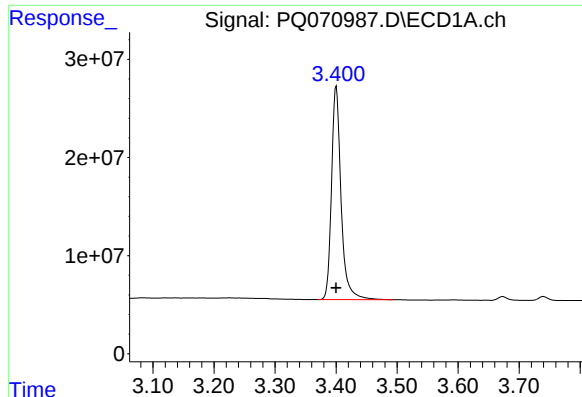
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070987.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:20  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:37:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:37:43 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

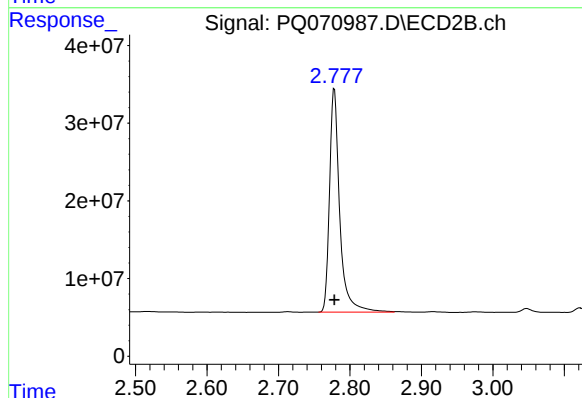




## #1 Tetrachloro-m-xylene

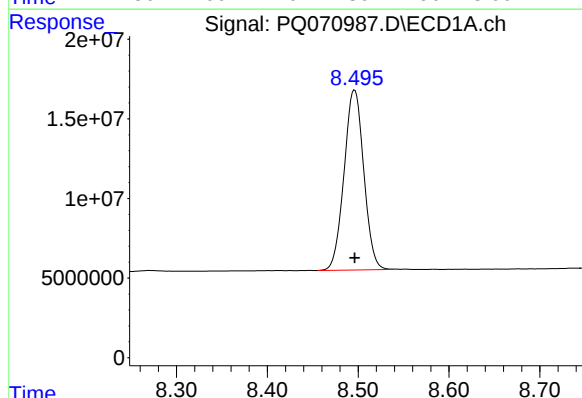
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 236970659  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC500



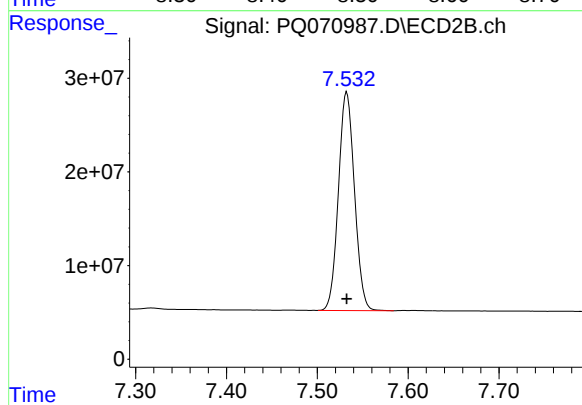
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 286146810  
Conc: 50.00 ng/ml



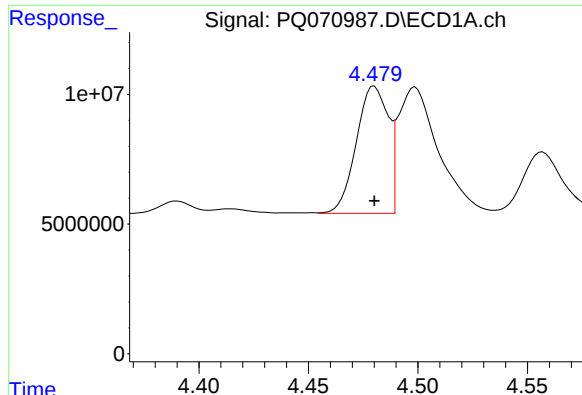
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 170138327  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

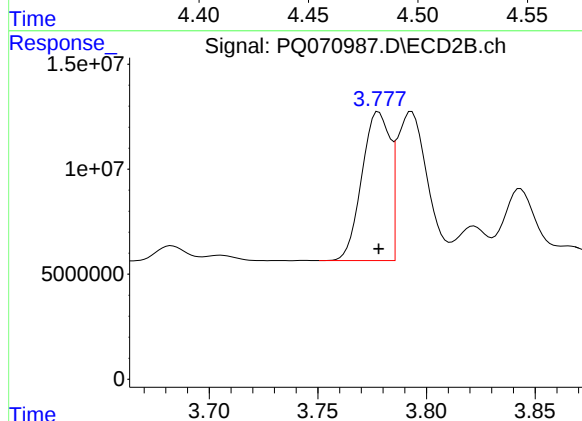
R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 286540483  
Conc: 50.00 ng/ml



#21 AR-1248-1

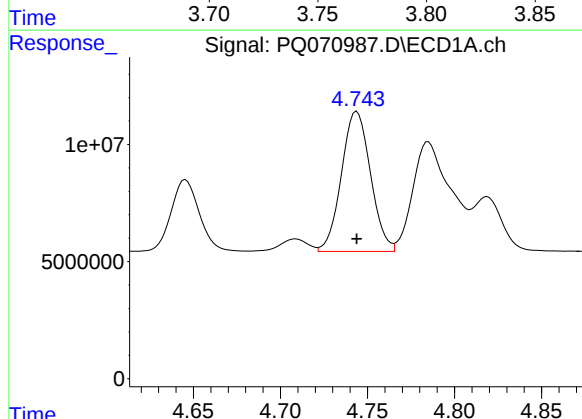
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 49639121  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC500



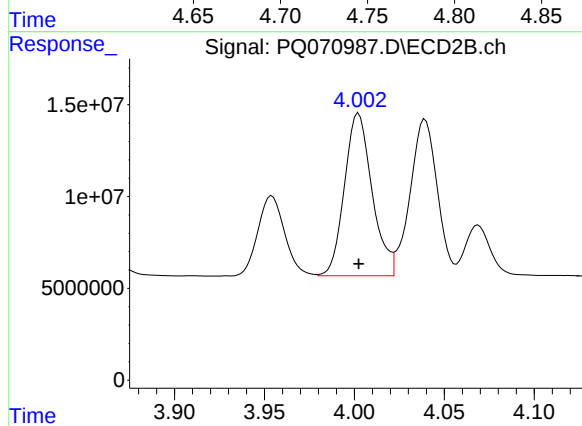
#21 AR-1248-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 63721566  
Conc: 500.00 ng/ml



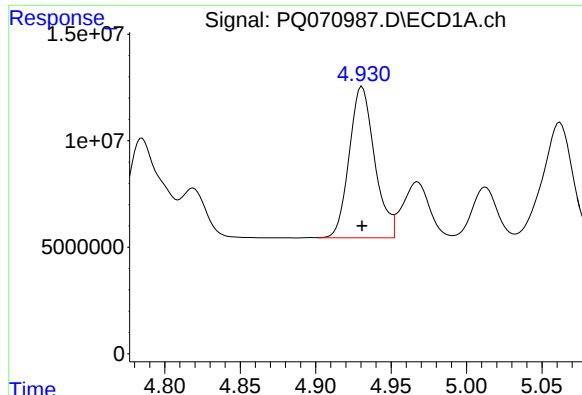
#22 AR-1248-2

R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 69450264  
Conc: 500.00 ng/ml



#22 AR-1248-2

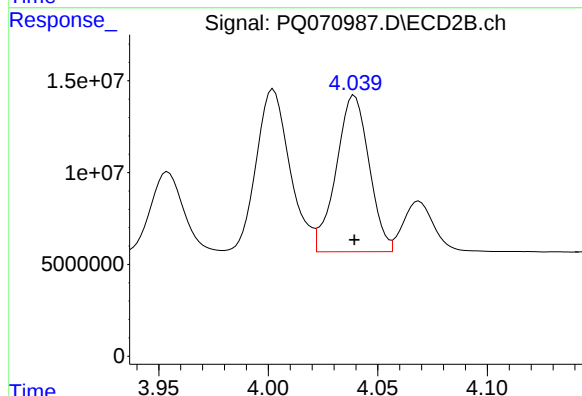
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 94662929  
Conc: 500.00 ng/ml



#23 AR-1248-3

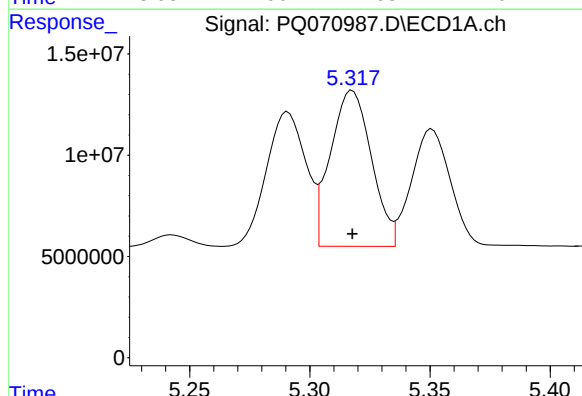
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 83073425  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC500



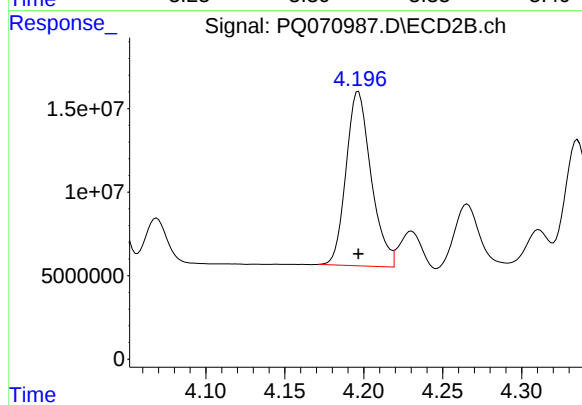
#23 AR-1248-3

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 89108340  
Conc: 500.00 ng/ml



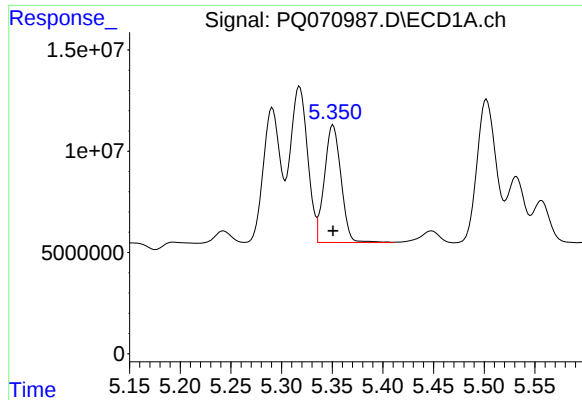
#24 AR-1248-4

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 91413720  
Conc: 500.00 ng/ml



#24 AR-1248-4

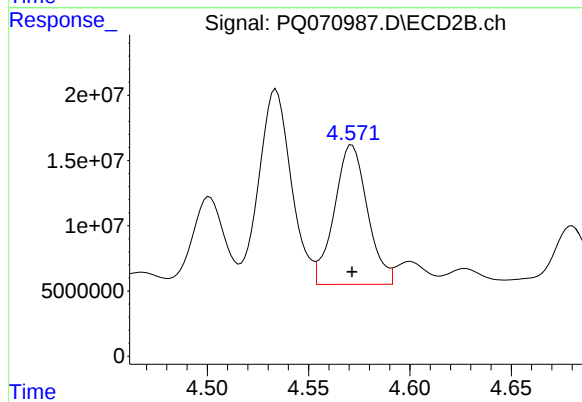
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 115324829  
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 66105541  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC500



#25 AR-1248-5

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 121715396  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 12:35  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 12:50:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 12:37:43 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... | 3.401 | 2.778 | 117.1E6  | 141.6E6  | 25.232  | 25.223    |
| 2)                          | SA Decachlor... | 8.497 | 7.534 | 85869763 | 146.1E6  | 25.897  | 26.099    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 21)                         | L5 AR-1248-1    | 4.481 | 3.778 | 24349976 | 33050222 | 256.699 | 265.233   |
| 22)                         | L5 AR-1248-2    | 4.744 | 4.002 | 35564341 | 49025433 | 263.550 | 266.409   |
| 23)                         | L5 AR-1248-3    | 4.931 | 4.039 | 41870274 | 45515698 | 260.002 | 259.790   |
| 24)                         | L5 AR-1248-4    | 5.318 | 4.196 | 46678299 | 58029144 | 263.071 | 262.398m  |
| 25)                         | L5 AR-1248-5    | 5.351 | 4.570 | 30347346 | 62706574 | 207.360 | 273.971m# |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:35  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

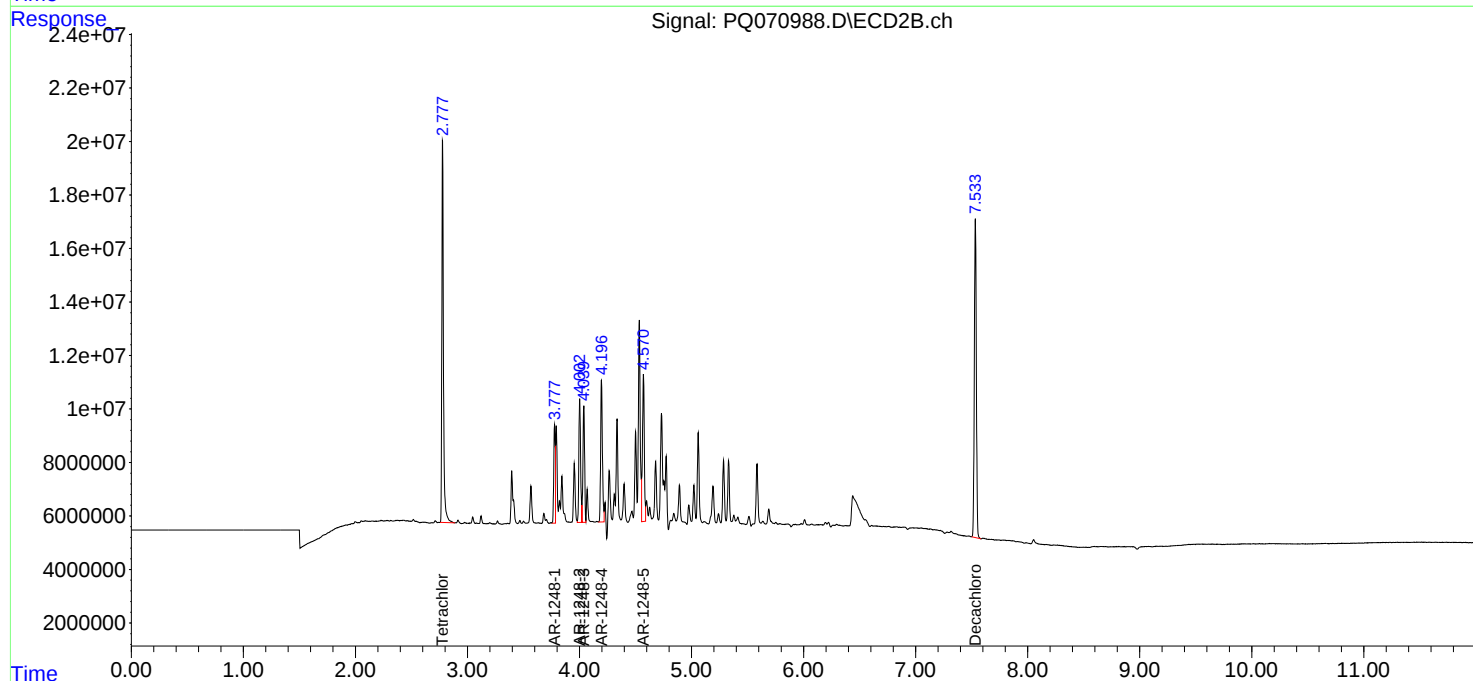
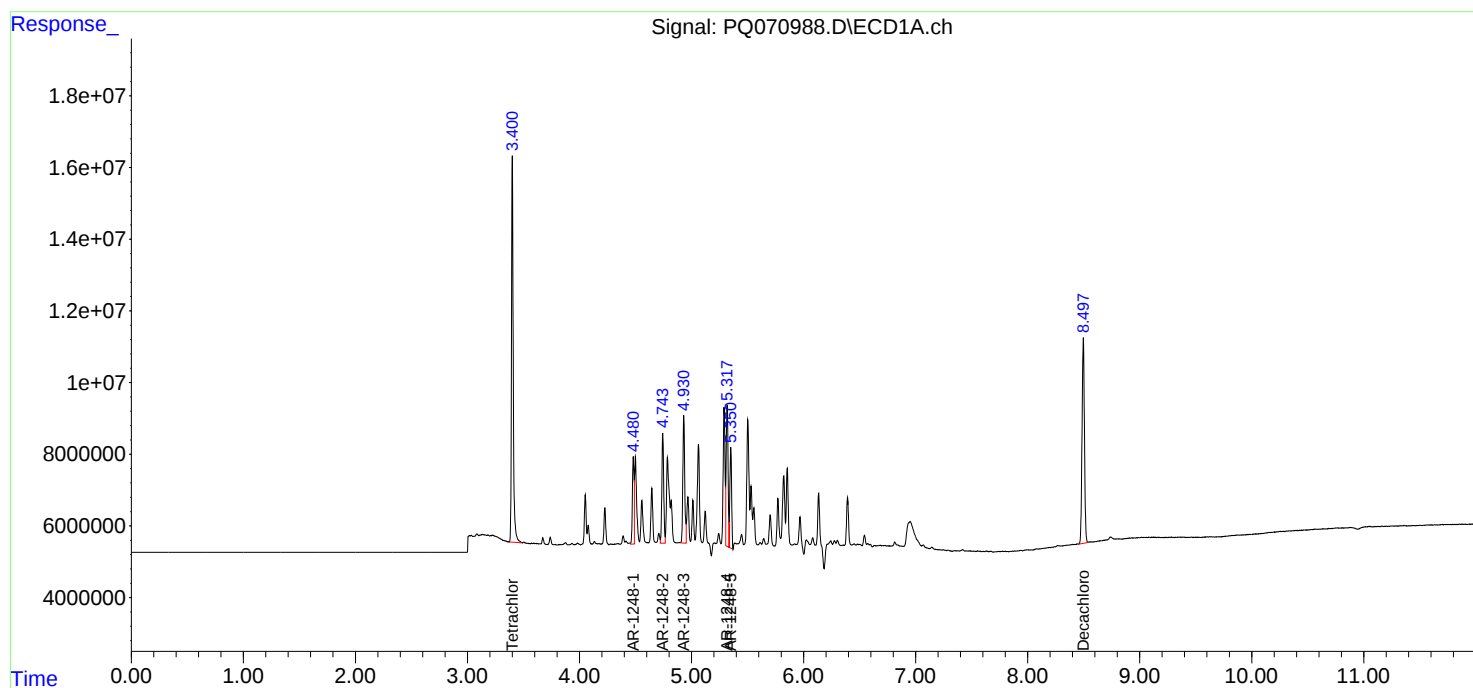
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC250

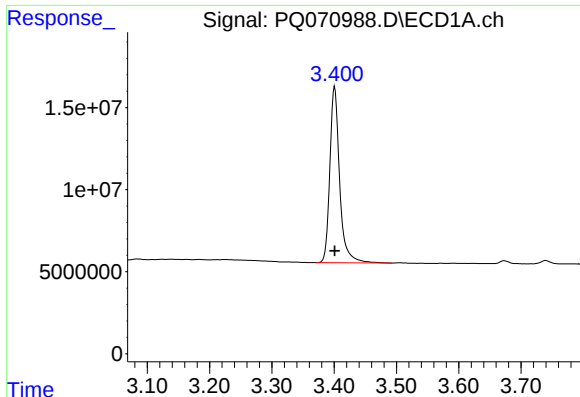
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 12:50:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 12:37:43 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

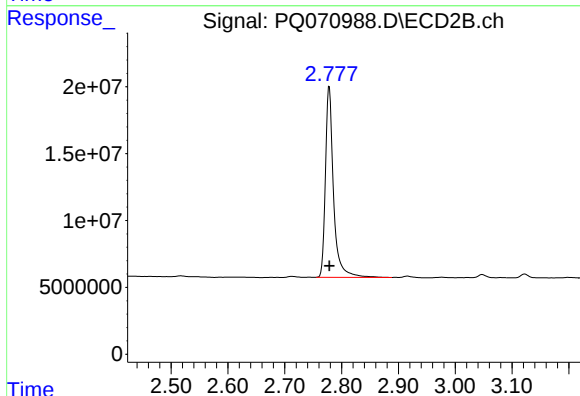
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 117145709  
Conc: 25.23 ng/ml

ICAL Form

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC250

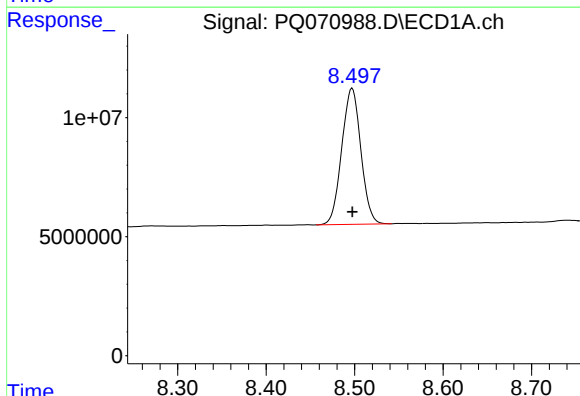
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



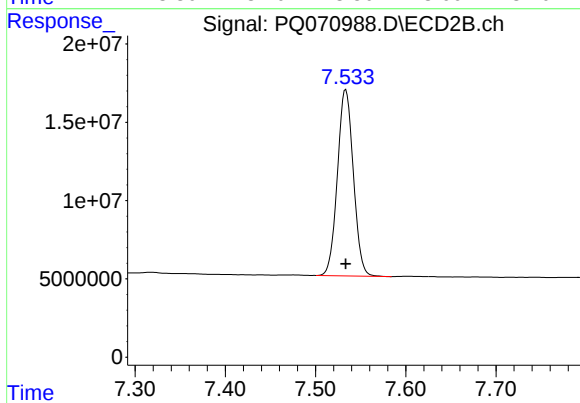
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 141612310  
Conc: 25.22 ng/ml



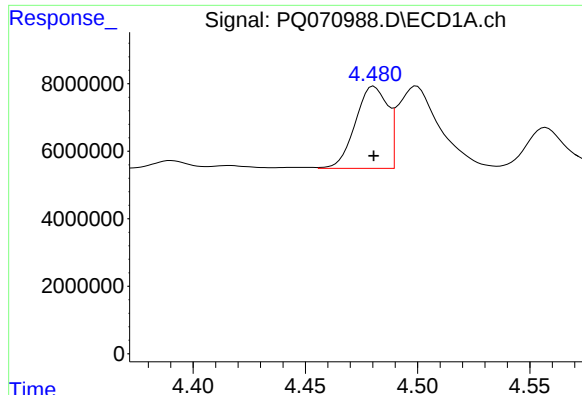
#2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 85869763  
Conc: 25.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 146109381  
Conc: 26.10 ng/ml



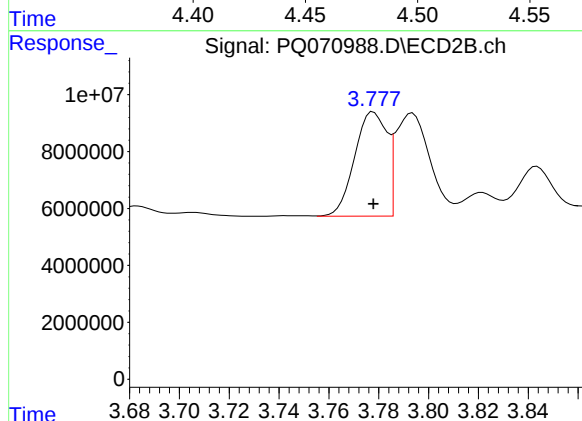
#21 AR-1248-1

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 24349976  
Conc: 256.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC250

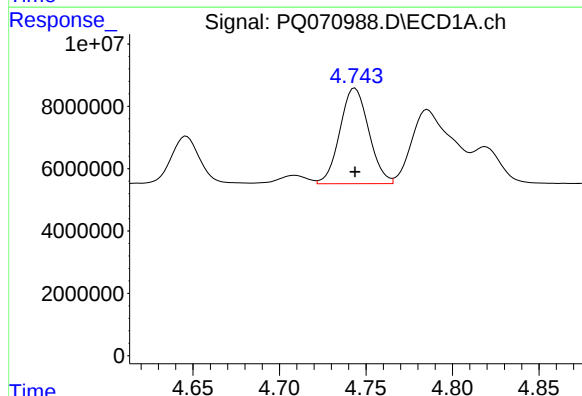
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



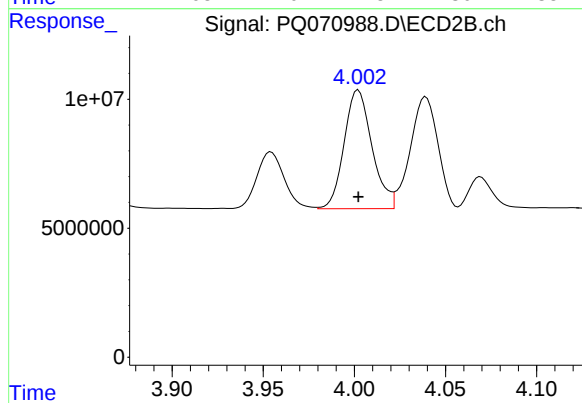
#21 AR-1248-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 33050222  
Conc: 265.23 ng/ml



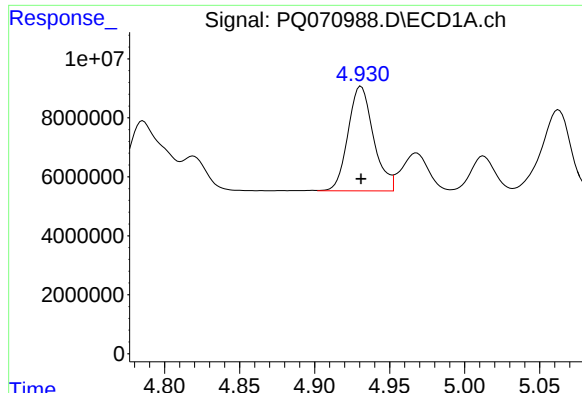
#22 AR-1248-2

R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 35564341  
Conc: 263.55 ng/ml



#22 AR-1248-2

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 49025433  
Conc: 266.41 ng/ml



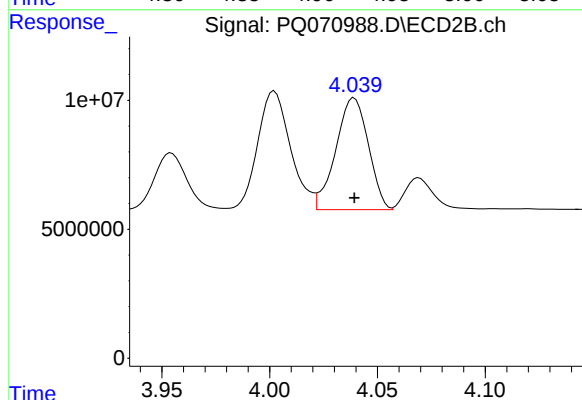
#23 AR-1248-3

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 41870274  
Conc: 260.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC250

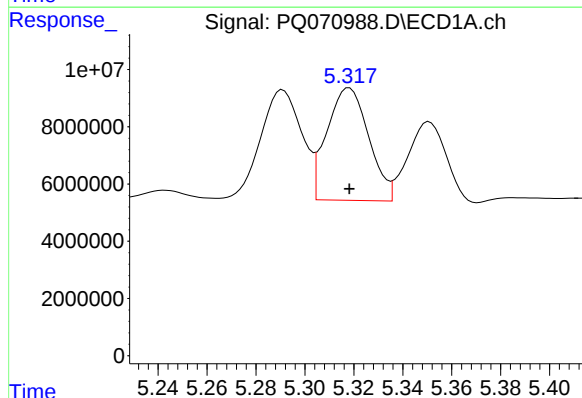
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



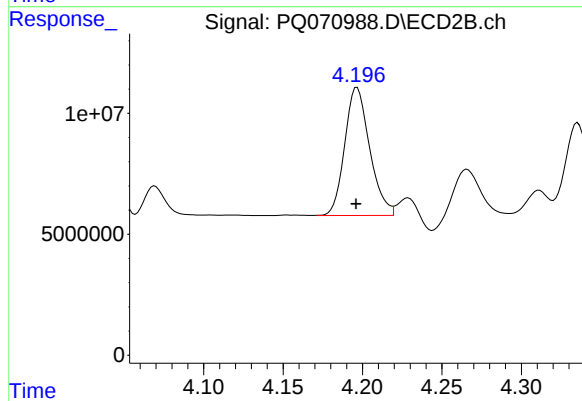
#23 AR-1248-3

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 45515698  
Conc: 259.79 ng/ml



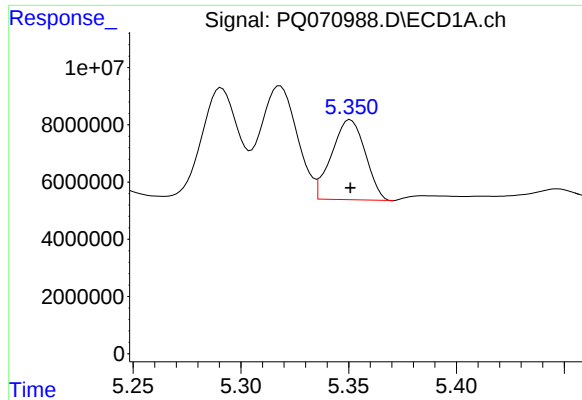
#24 AR-1248-4

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 46678299  
Conc: 263.07 ng/ml



#24 AR-1248-4

R.T.: 4.196 min  
Delta R.T.: 0.000 min  
Response: 58029144  
Conc: 262.40 ng/ml m



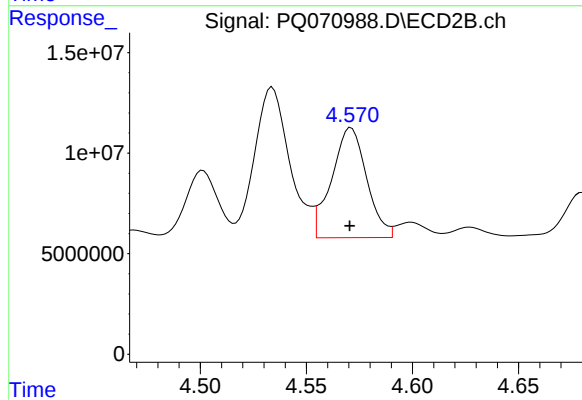
#25 AR-1248-5

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 30347346  
Conc: 207.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 62706574  
Conc: 273.97 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070989.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 12:50  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 14:31:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 14:30:55 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...          | 3.400 | 2.778 | 22591108 | 27044968 | 4.892  | 4.853    |
| 2) SA Decachlor...          | 8.497 | 7.534 | 16769582 | 30654485 | 5.046  | 5.373    |
|                             |       |       |          |          |        |          |
| Target Compounds            |       |       |          |          |        |          |
| 21) L5 AR-1248-1            | 4.481 | 3.778 | 3394569  | 6701586  | 37.943 | 52.980 # |
| 22) L5 AR-1248-2            | 4.743 | 4.002 | 7123103  | 10336252 | 52.204 | 54.816   |
| 23) L5 AR-1248-3            | 4.931 | 4.039 | 8138224  | 9873376  | 50.428 | 54.957   |
| 24) L5 AR-1248-4            | 5.318 | 4.197 | 7886075  | 11863237 | 45.455 | 52.883   |
| 25) L5 AR-1248-5            | 5.352 | 4.571 | 7959257  | 12107881 | 53.447 | 52.000   |
| -----                       |       |       |          |          |        |          |

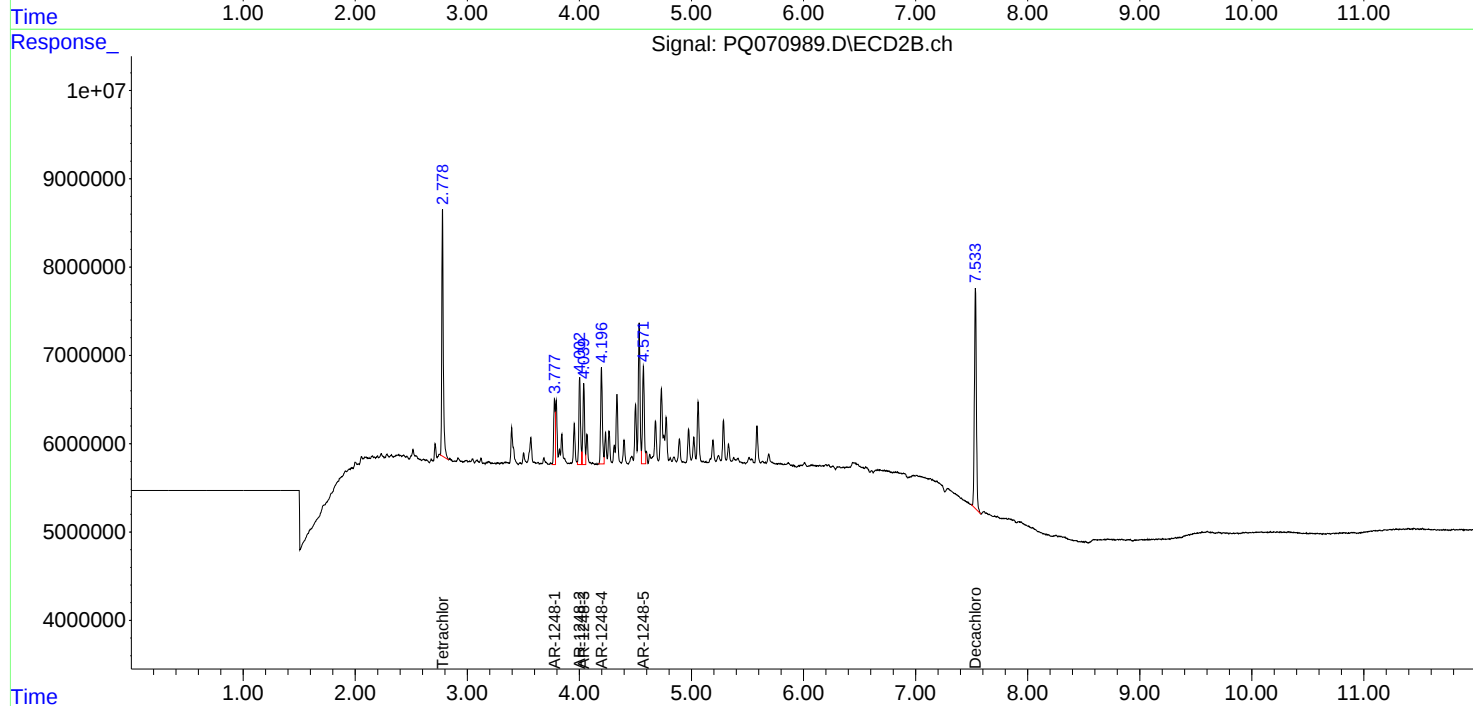
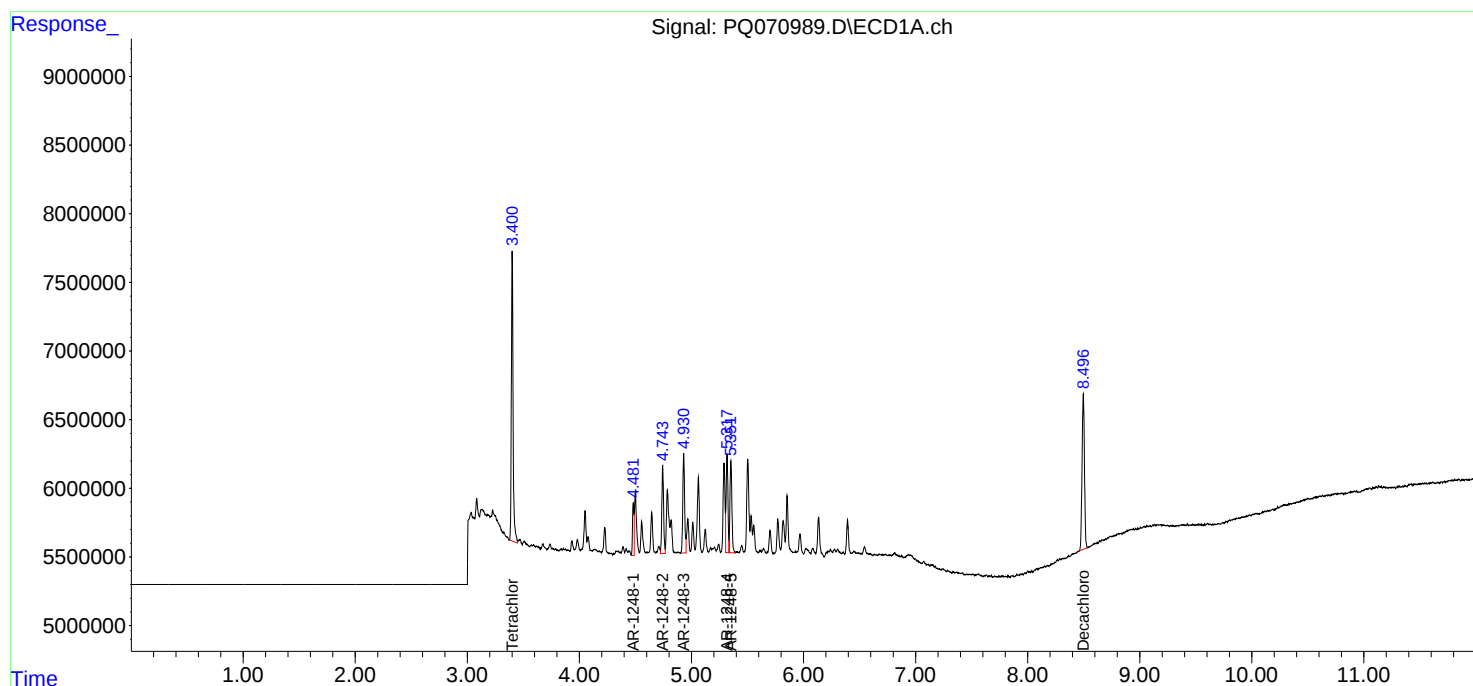
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

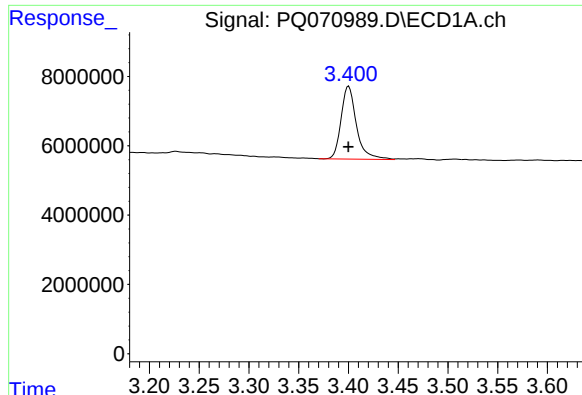
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070989.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:50  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:31:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 14:30:55 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

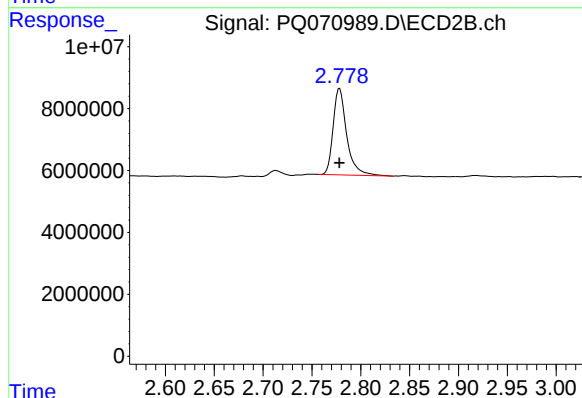




## #1 Tetrachloro-m-xylene

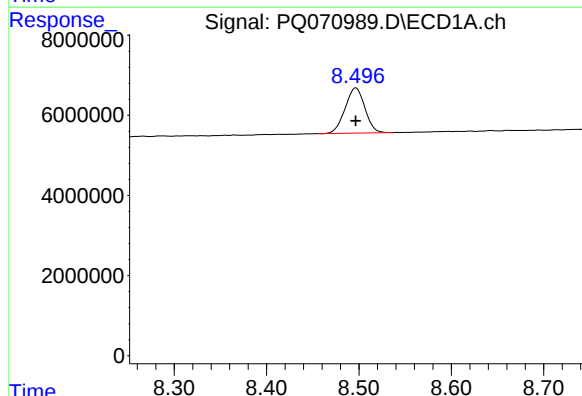
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 22591108  
Conc: 4.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC050



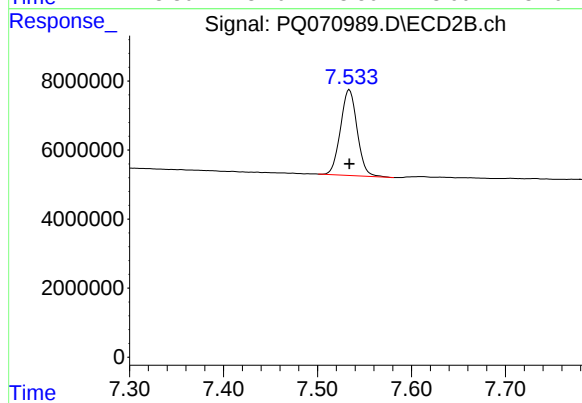
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 27044968  
Conc: 4.85 ng/ml



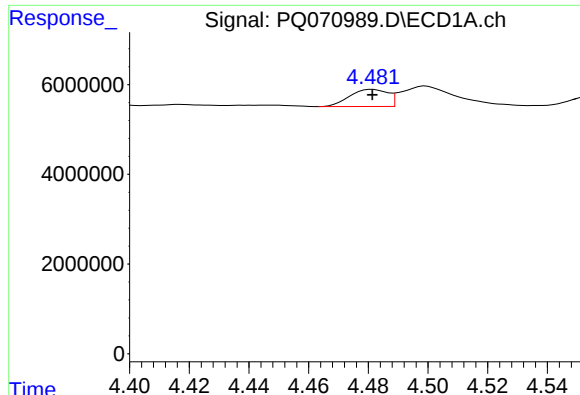
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 16769582  
Conc: 5.05 ng/ml



## #2 Decachlorobiphenyl

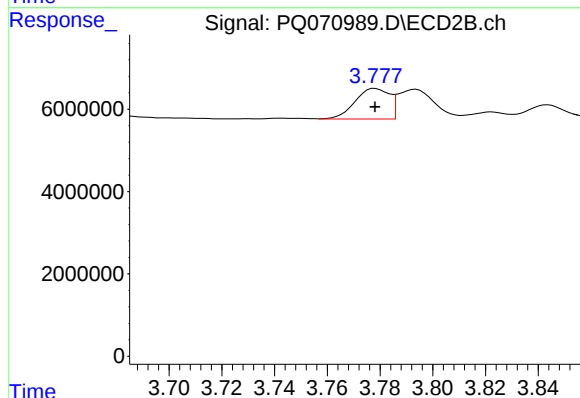
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 30654485  
Conc: 5.37 ng/ml



#21 AR-1248-1

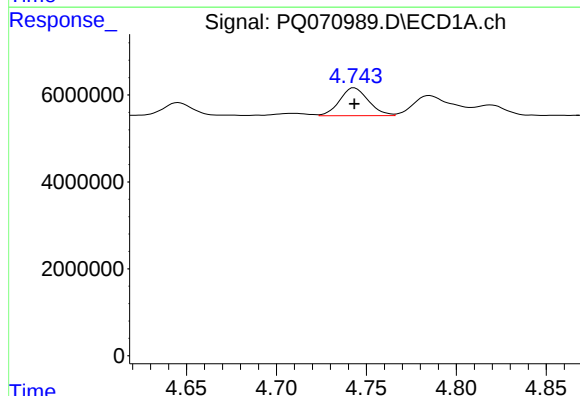
R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 3394569  
Conc: 37.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC050



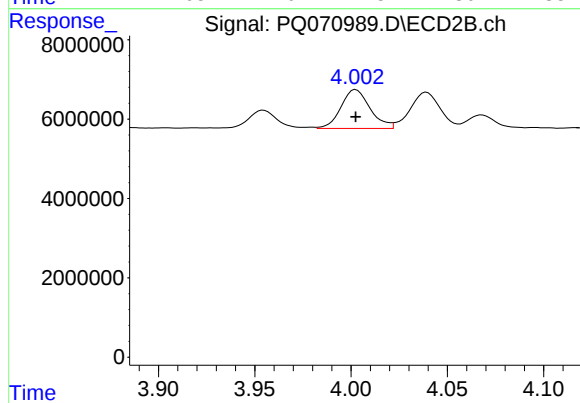
#21 AR-1248-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 6701586  
Conc: 52.98 ng/ml



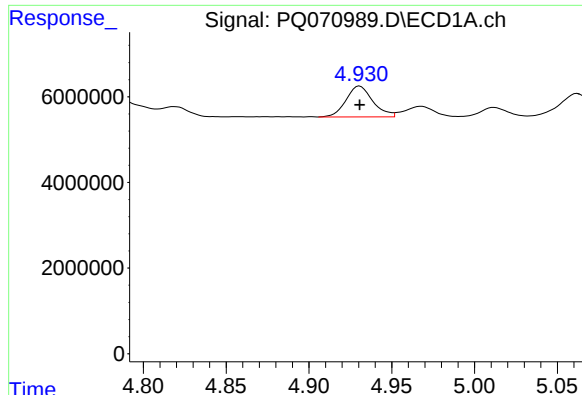
#22 AR-1248-2

R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 7123103  
Conc: 52.20 ng/ml



#22 AR-1248-2

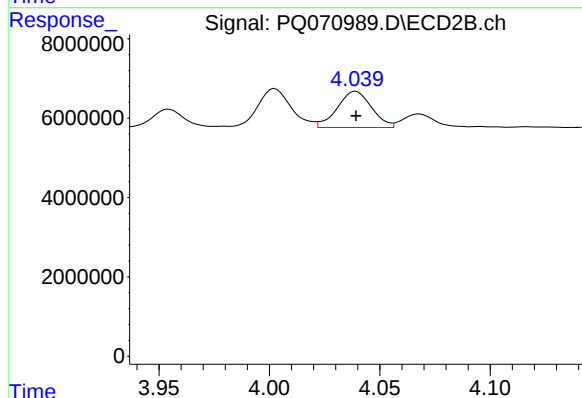
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 10336252  
Conc: 54.82 ng/ml



#23 AR-1248-3

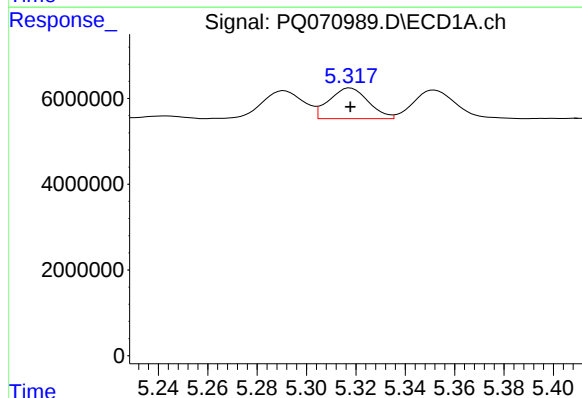
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 8138224  
Conc: 50.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC050



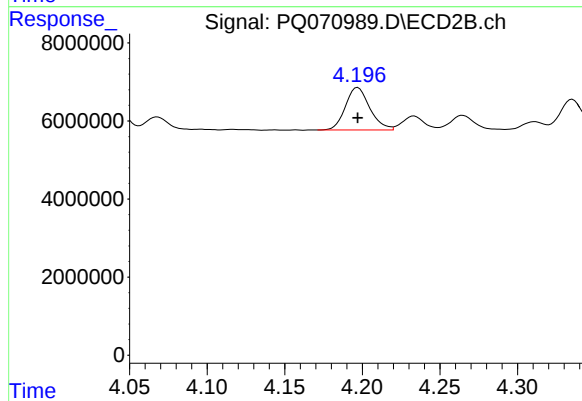
#23 AR-1248-3

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 9873376  
Conc: 54.96 ng/ml



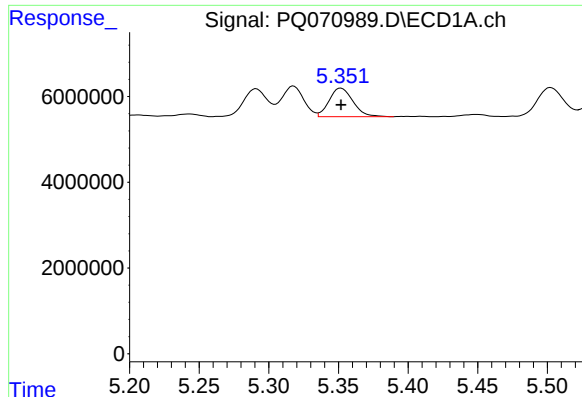
#24 AR-1248-4

R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 7886075  
Conc: 45.45 ng/ml



#24 AR-1248-4

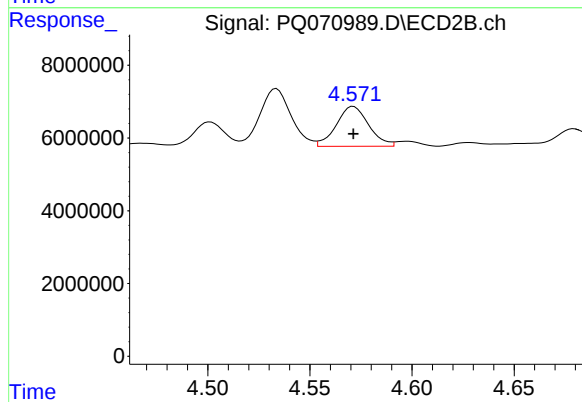
R.T.: 4.197 min  
Delta R.T.: 0.000 min  
Response: 11863237  
Conc: 52.88 ng/ml



#25 AR-1248-5

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 7959257  
Conc: 53.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248ICC050



#25 AR-1248-5

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 12107881  
Conc: 52.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070990.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 13:04  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 14:53:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 14:52:12 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...          | 3.400 | 2.778 | 445.0E6 | 531.2E6 | 98.289  | 98.401  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 313.6E6 | 536.1E6 | 97.450  | 96.785  |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 5.292 | 4.533 | 186.3E6 | 326.1E6 | 963.814 | 971.106 |
| 27) L6 AR-1254-2            | 5.507 | 4.680 | 272.5E6 | 283.8E6 | 950.975 | 964.208 |
| 28) L6 AR-1254-3            | 5.855 | 5.060 | 294.5E6 | 455.8E6 | 960.789 | 969.392 |
| 29) L6 AR-1254-4            | 6.135 | 5.286 | 212.6E6 | 291.4E6 | 961.211 | 971.453 |
| 30) L6 AR-1254-5            | 6.543 | 5.690 | 229.1E6 | 417.5E6 | 971.418 | 974.299 |
| -----                       |       |       |         |         |         |         |

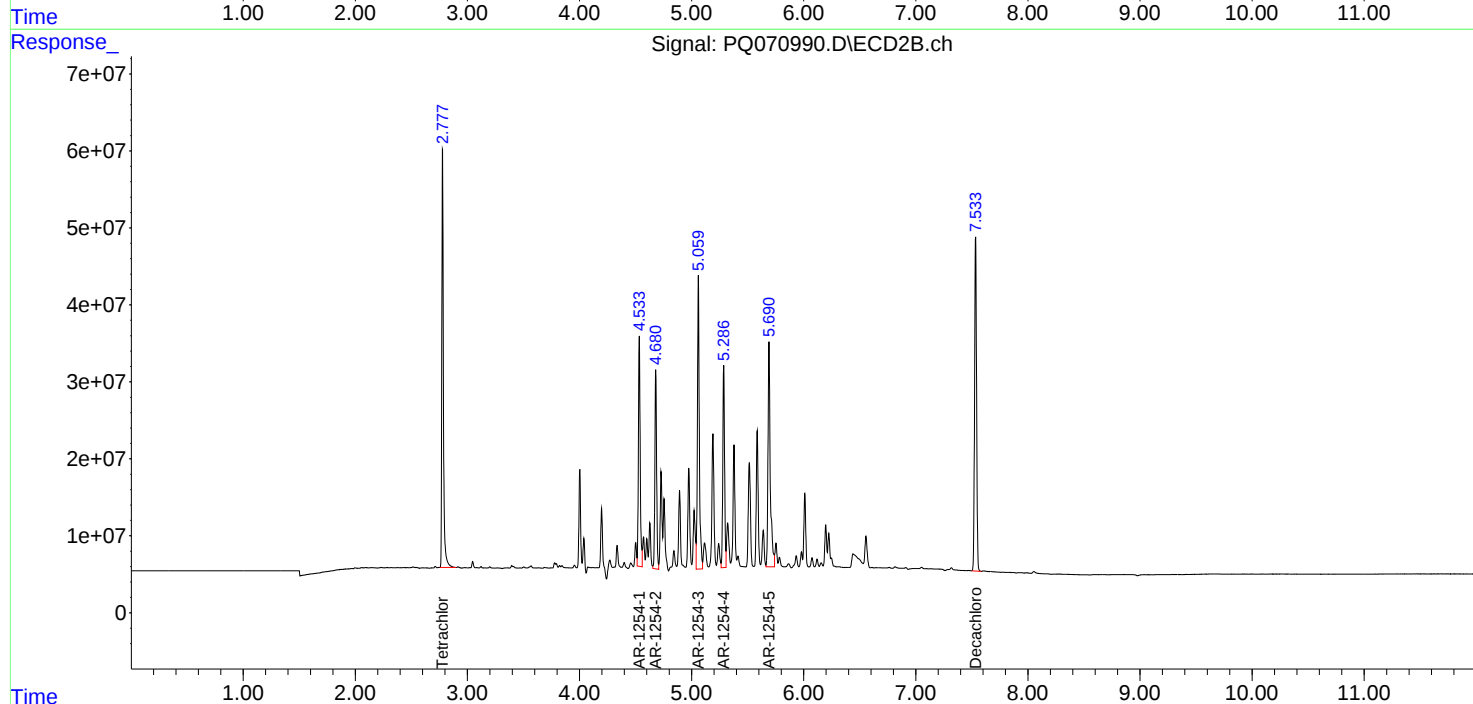
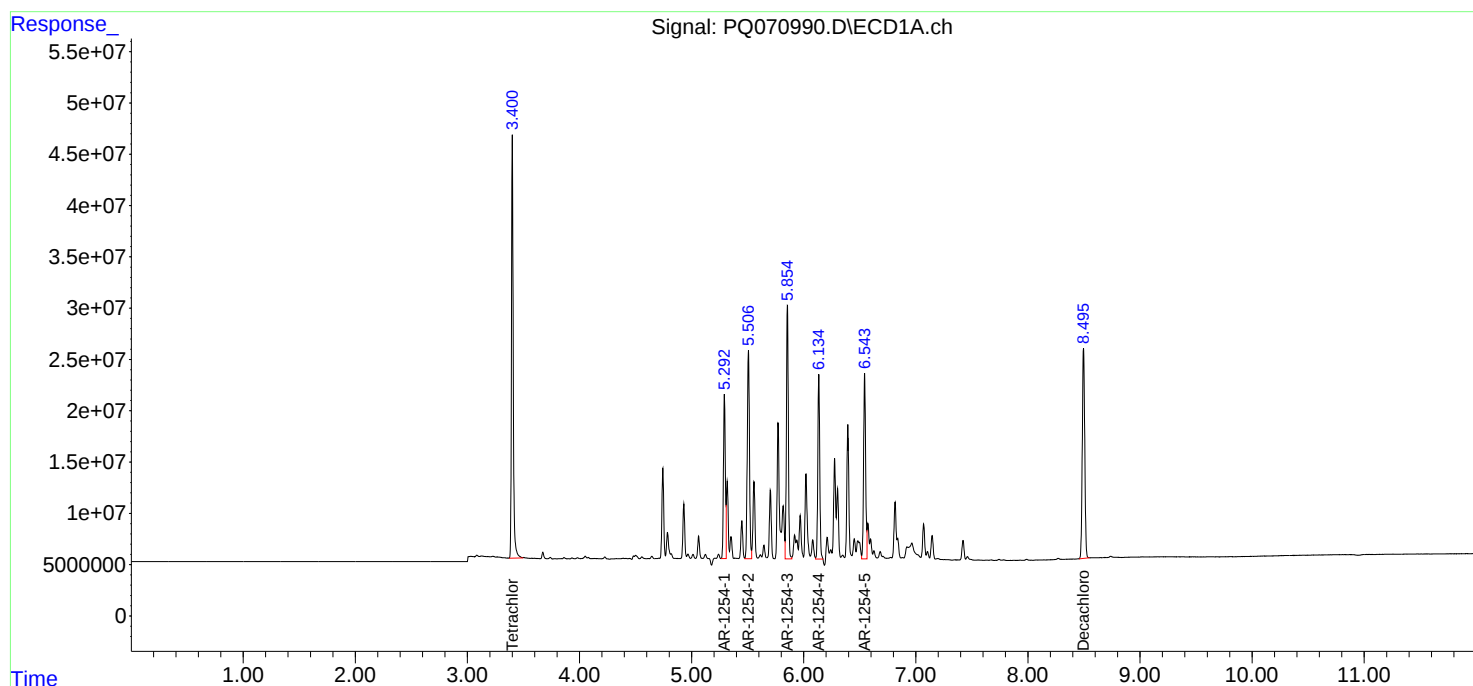
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

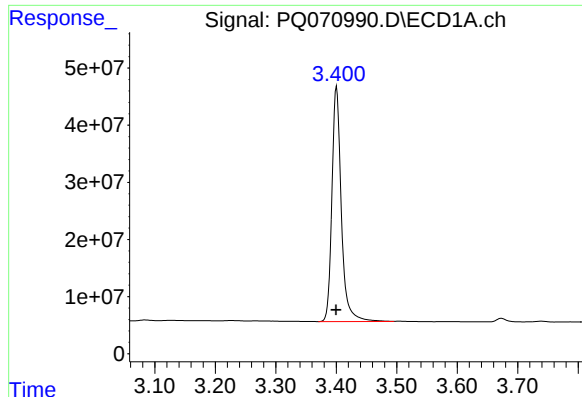
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 13:04  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:53:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 14:52:12 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

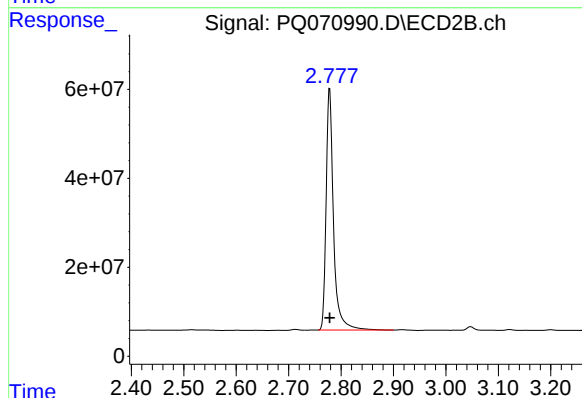




## #1 Tetrachloro-m-xylene

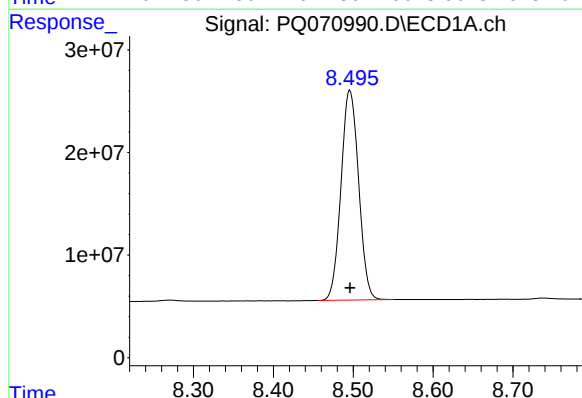
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 444955148  
Conc: 98.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC1000



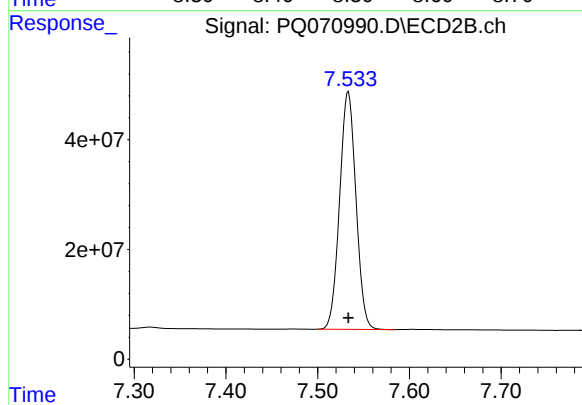
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 531185695  
Conc: 98.40 ng/ml



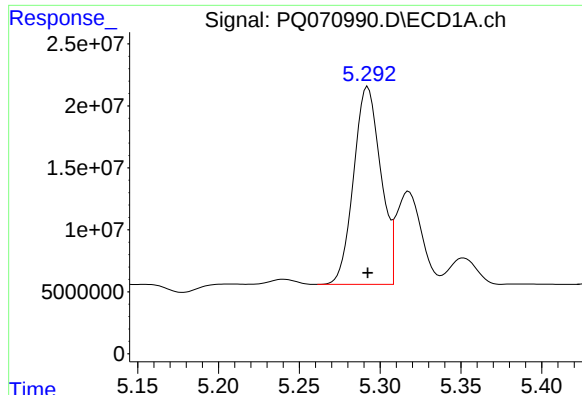
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 313599352  
Conc: 97.45 ng/ml



## #2 Decachlorobiphenyl

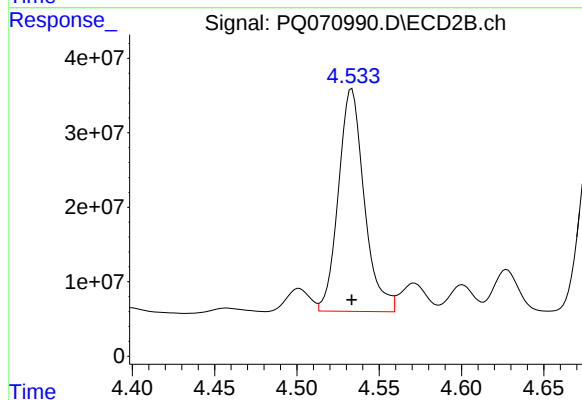
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 536076382  
Conc: 96.79 ng/ml



#26 AR-1254-1

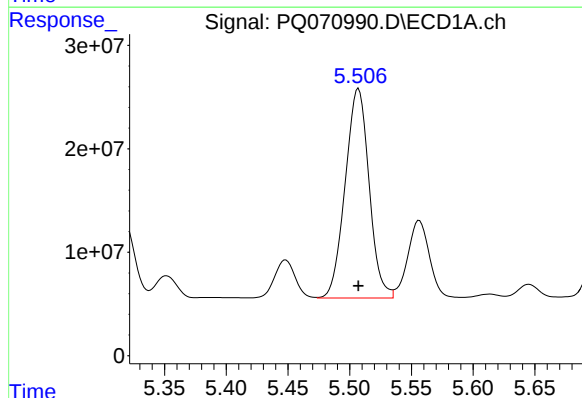
R.T.: 5.292 min  
Delta R.T.: 0.000 min  
Response: 186317660  
Conc: 963.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC1000



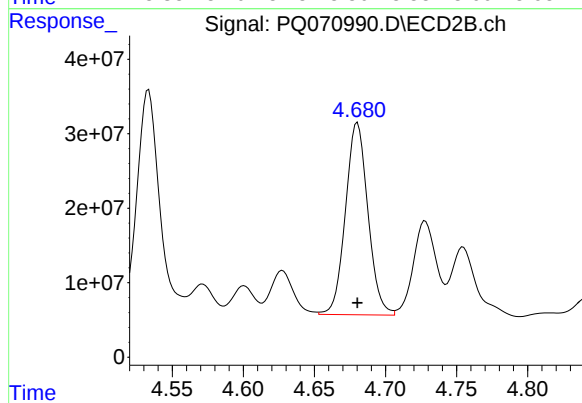
#26 AR-1254-1

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 326099704  
Conc: 971.11 ng/ml



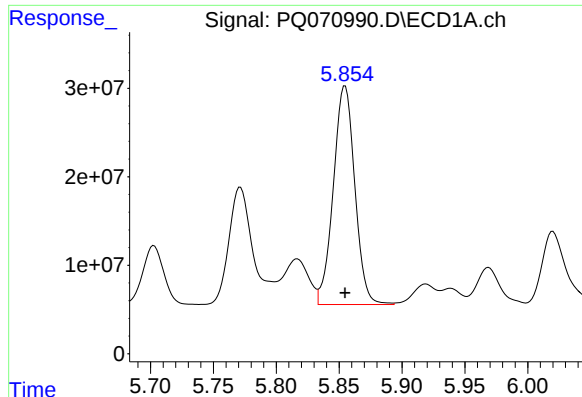
#27 AR-1254-2

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 272465681  
Conc: 950.97 ng/ml



#27 AR-1254-2

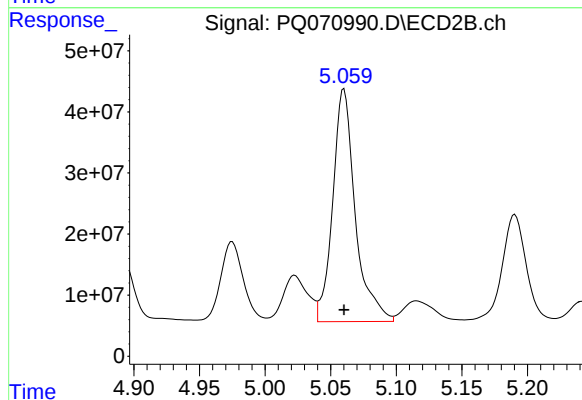
R.T.: 4.680 min  
Delta R.T.: 0.000 min  
Response: 283781194  
Conc: 964.21 ng/ml



#28 AR-1254-3

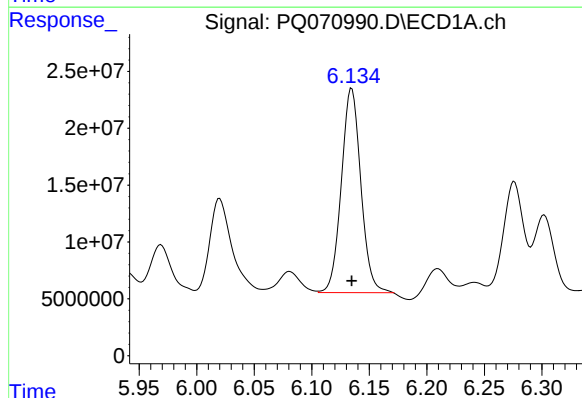
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 294493285  
Conc: 960.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC1000



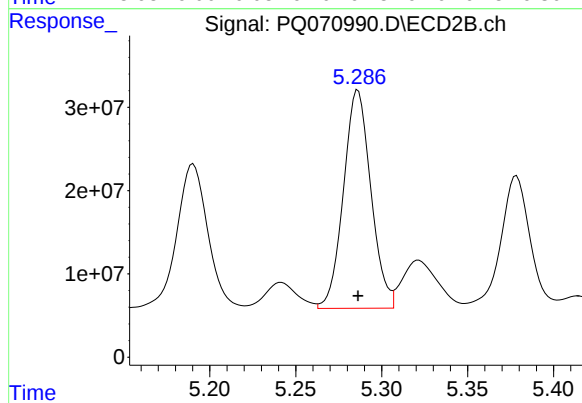
#28 AR-1254-3

R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 455841488  
Conc: 969.39 ng/ml



#29 AR-1254-4

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 212636724  
Conc: 961.21 ng/ml



#29 AR-1254-4

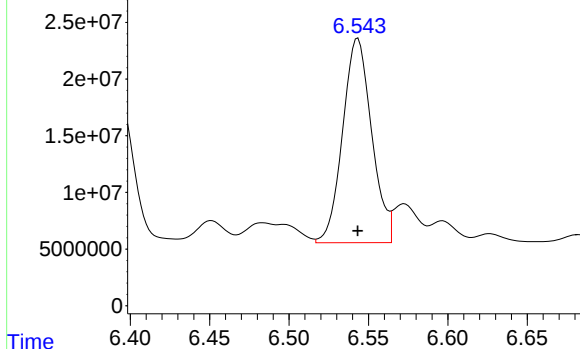
R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 291449906  
Conc: 971.45 ng/ml

Response\_

Signal: PQ070990.D\ECD1A.ch

#30 AR-1254-5

ICAL Form



R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 229095618  
Conc: 971.42 ng/ml

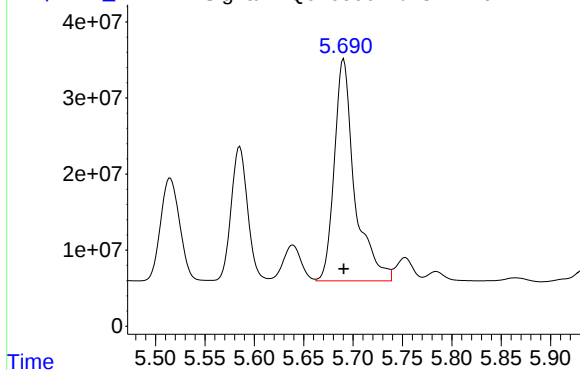
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC1000

Time

Response\_

Signal: PQ070990.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 417470468  
Conc: 974.30 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070991.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 13:19  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 14:59:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 14:59:41 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... | 3.401 | 2.778 | 343.8E6 | 408.9E6 | 75.627  | 75.492  |
| 2)                          | SA Decachlor... | 8.496 | 7.534 | 242.8E6 | 418.3E6 | 75.295  | 75.344  |
|                             |                 |       |       |         |         |         |         |
| Target Compounds            |                 |       |       |         |         |         |         |
| 26)                         | L6 AR-1254-1    | 5.293 | 4.533 | 148.7E6 | 256.0E6 | 762.565 | 758.137 |
| 27)                         | L6 AR-1254-2    | 5.507 | 4.680 | 225.9E6 | 226.8E6 | 775.187 | 763.504 |
| 28)                         | L6 AR-1254-3    | 5.854 | 5.060 | 240.1E6 | 358.2E6 | 771.902 | 757.733 |
| 29)                         | L6 AR-1254-4    | 6.134 | 5.286 | 174.5E6 | 227.3E6 | 775.397 | 755.024 |
| 30)                         | L6 AR-1254-5    | 6.544 | 5.690 | 180.8E6 | 320.3E6 | 761.088 | 748.361 |
| -----                       |                 |       |       |         |         |         |         |

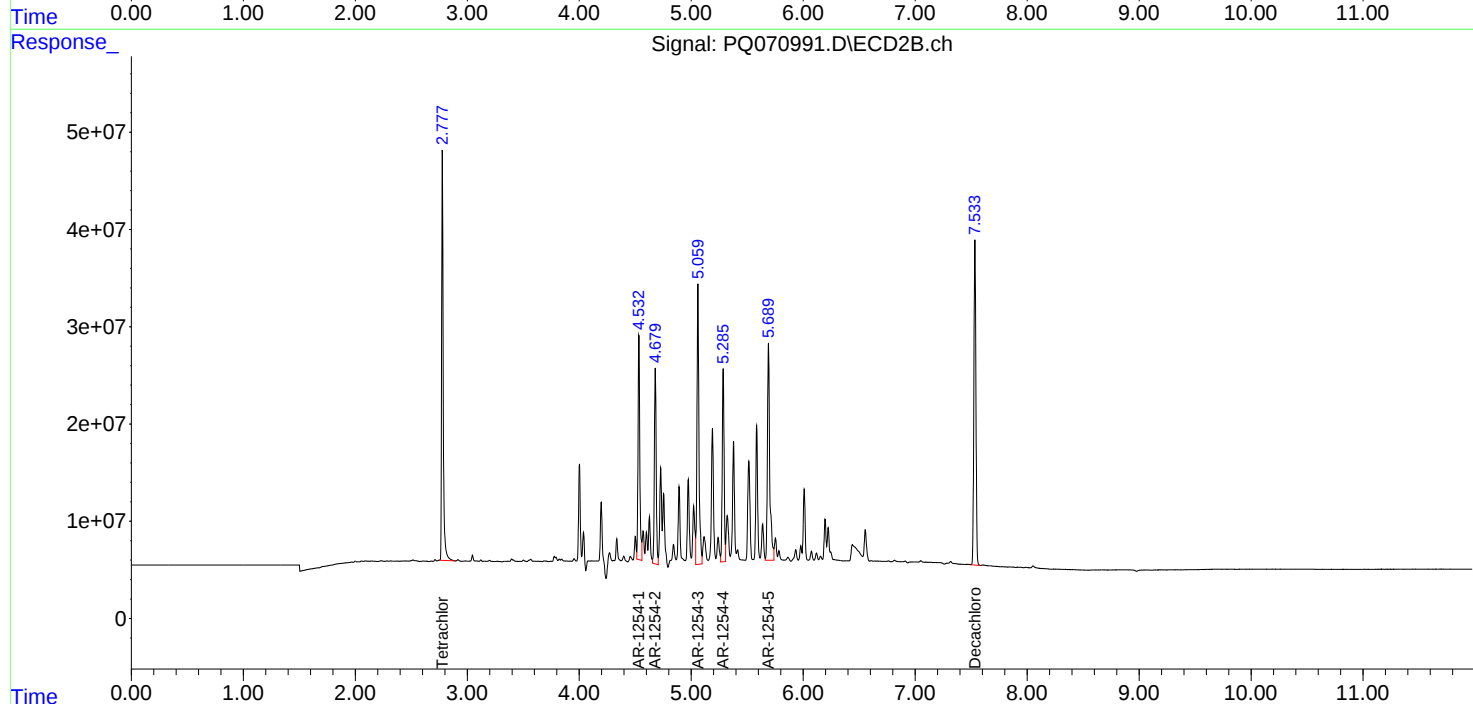
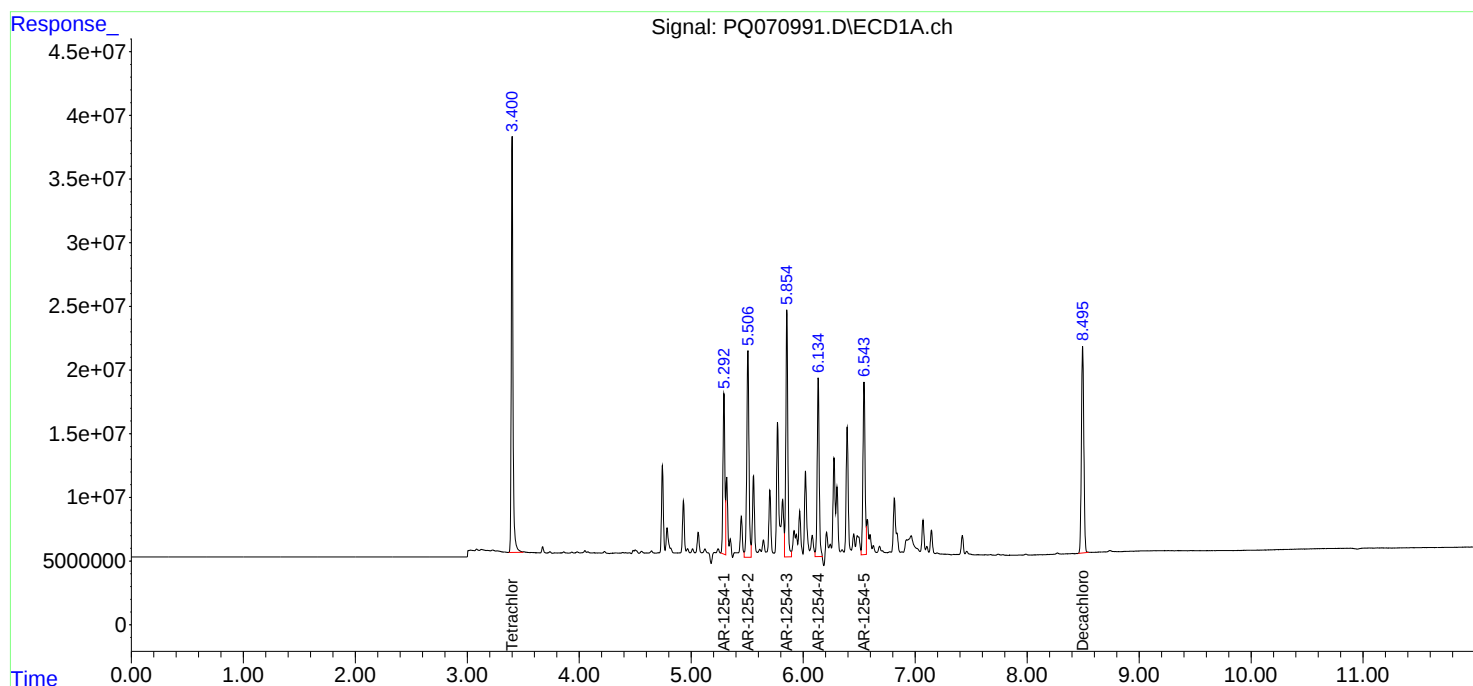
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

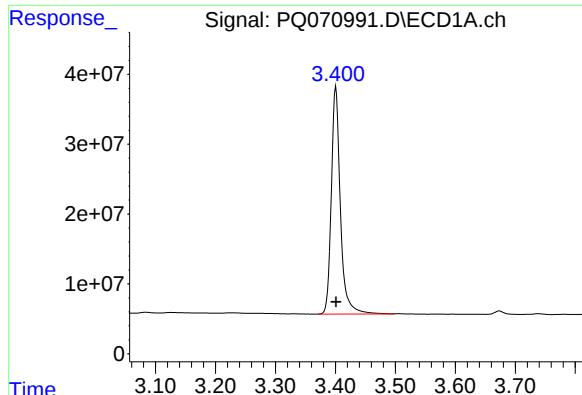
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070991.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 13:19  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:59:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 14:59:41 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

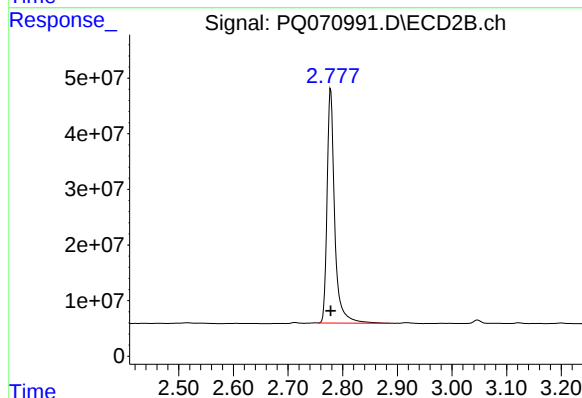




## #1 Tetrachloro-m-xylene

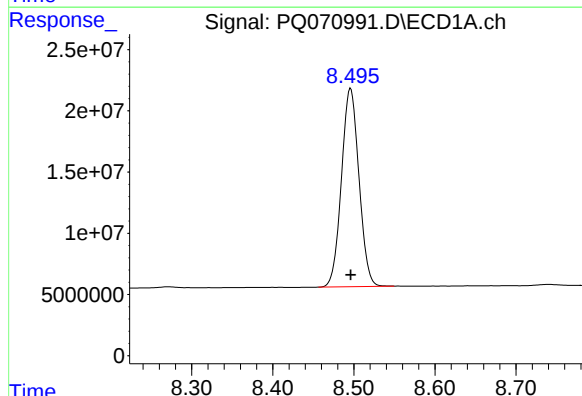
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 343803158  
Conc: 75.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC750



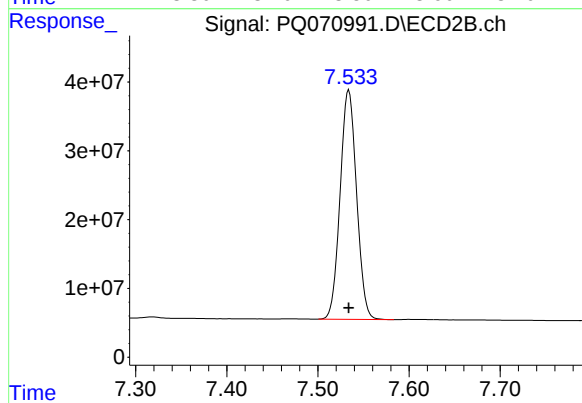
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 408857170  
Conc: 75.49 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 242779345  
Conc: 75.29 ng/ml



## #2 Decachlorobiphenyl

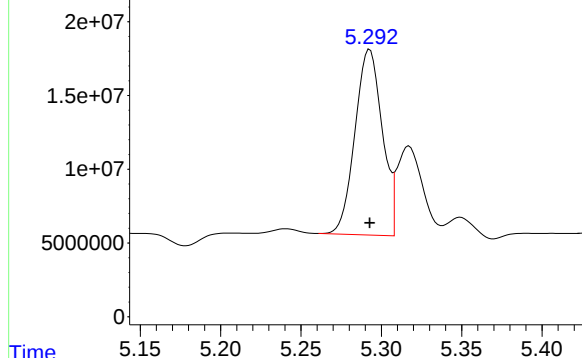
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 418279983  
Conc: 75.34 ng/ml

Response\_ Signal: PQ070991.D\ECD1A.ch

#26 AR-1254-1

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 148659073  
Conc: 762.57 ng/ml

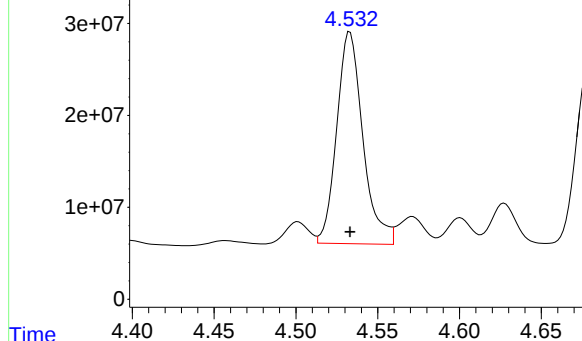
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC750



Response\_ Signal: PQ070991.D\ECD2B.ch

#26 AR-1254-1

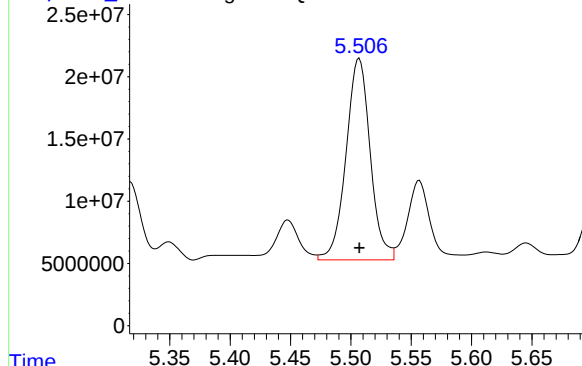
R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 255973065  
Conc: 758.14 ng/ml



Response\_ Signal: PQ070991.D\ECD1A.ch

#27 AR-1254-2

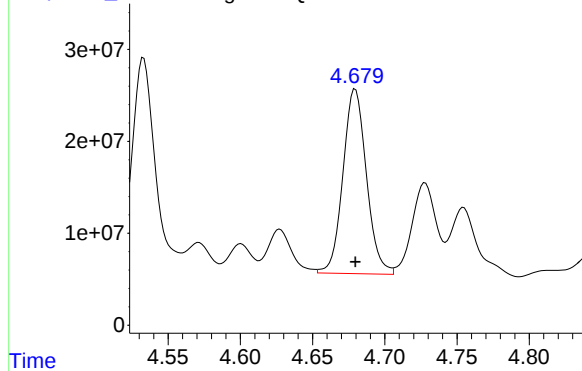
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 225893559  
Conc: 775.19 ng/ml



Response\_ Signal: PQ070991.D\ECD2B.ch

#27 AR-1254-2

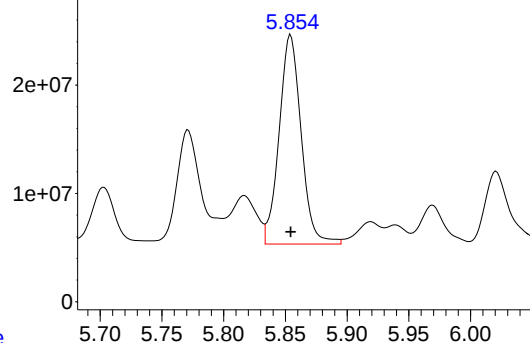
R.T.: 4.680 min  
Delta R.T.: 0.000 min  
Response: 226752135  
Conc: 763.50 ng/ml



Response\_

Signal: PQ070991.D\ECD1A.ch

#28 AR-1254-3



R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 240102864  
Conc: 771.90 ng/ml

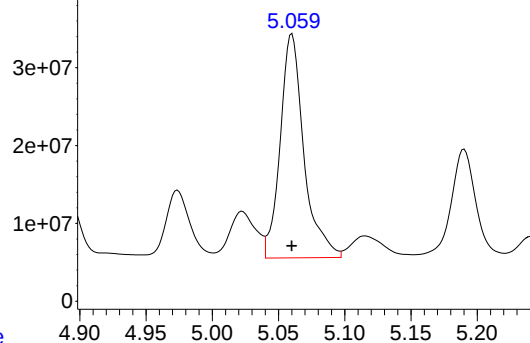
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC750

Time

Response\_

Signal: PQ070991.D\ECD2B.ch

#28 AR-1254-3



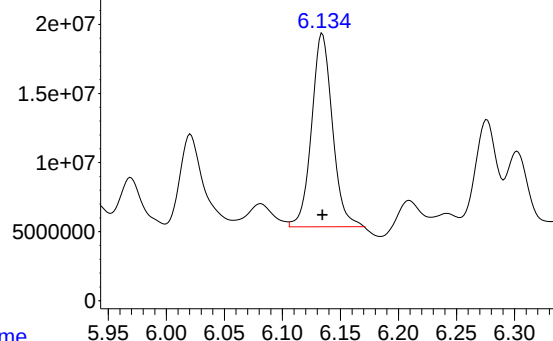
R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 358158828  
Conc: 757.73 ng/ml

Time

Response\_

Signal: PQ070991.D\ECD1A.ch

#29 AR-1254-4



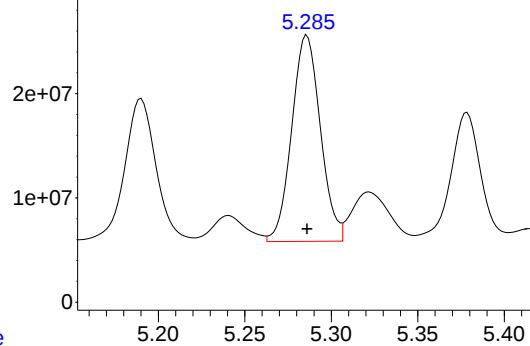
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 174485728  
Conc: 775.40 ng/ml

Time

Response\_

Signal: PQ070991.D\ECD2B.ch

#29 AR-1254-4



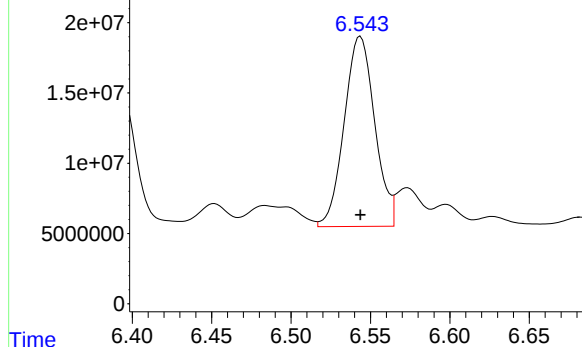
R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 227279383  
Conc: 755.02 ng/ml

Time

Response\_

Signal: PQ070991.D\ECD1A.ch

#30 AR-1254-5



R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 180828718  
Conc: 761.09 ng/ml

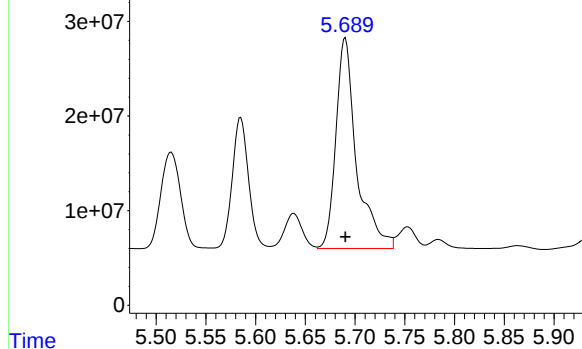
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC750

Time

Response\_

Signal: PQ070991.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 320309594  
Conc: 748.36 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070992.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 13:33  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 14:49:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 14:49:02 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...          | 3.400 | 2.778 | 230.2E6 | 274.2E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.497 | 7.534 | 165.0E6 | 285.8E6 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 5.293 | 4.532 | 100.2E6 | 172.8E6 | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 5.507 | 4.680 | 150.3E6 | 152.4E6 | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 5.855 | 5.060 | 159.3E6 | 242.3E6 | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 6.136 | 5.286 | 114.9E6 | 154.3E6 | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 6.543 | 5.689 | 121.3E6 | 219.7E6 | 500.000 | 500.000 |
| -----                       |       |       |         |         |         |         |

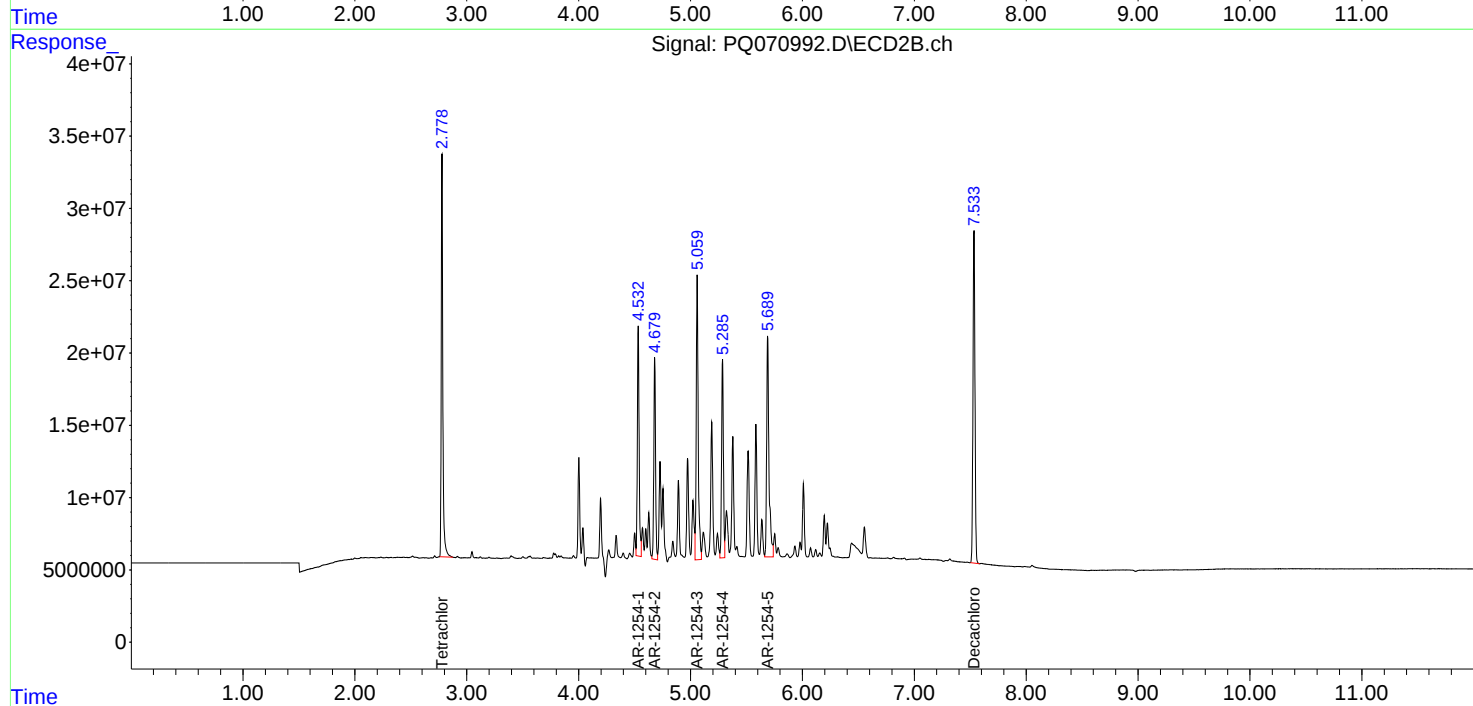
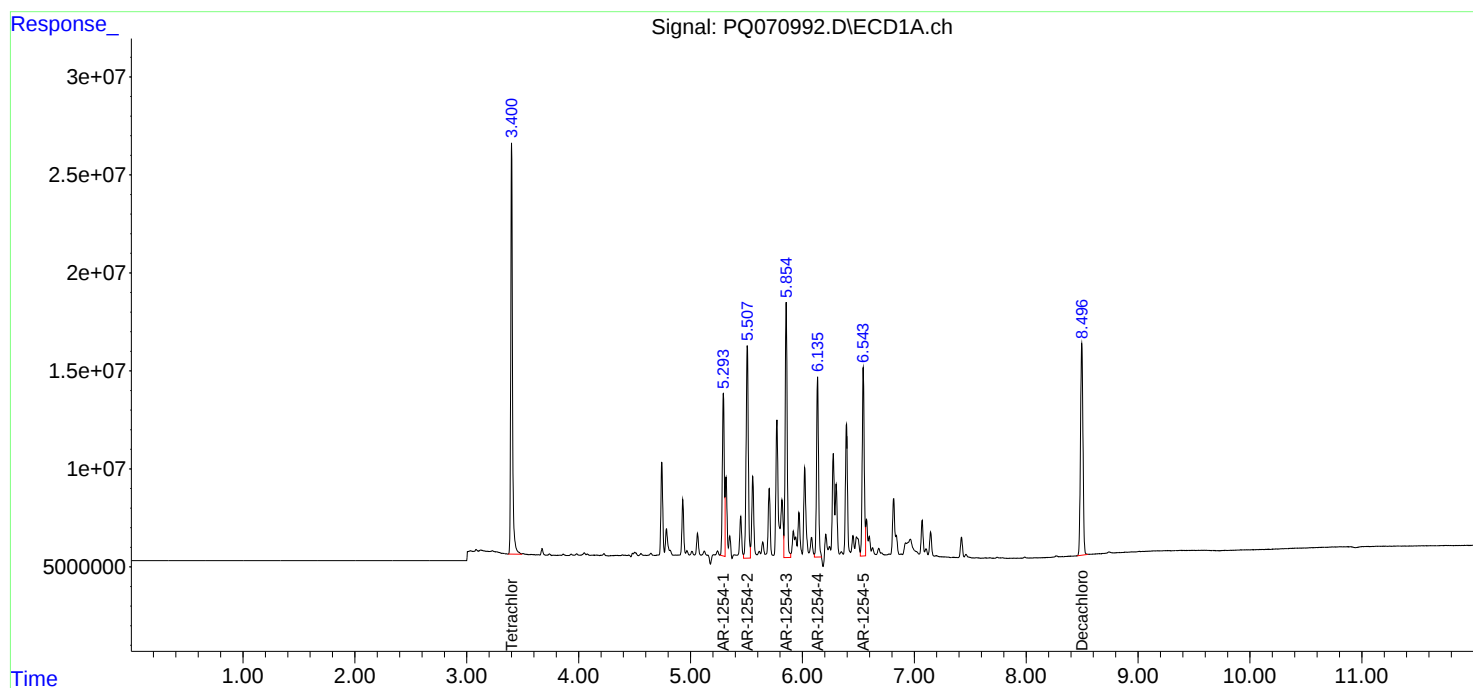
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

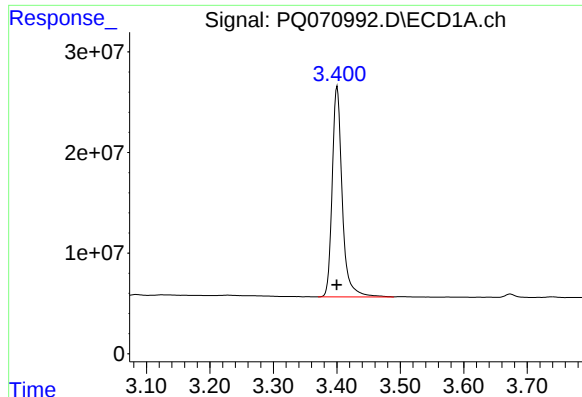
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070992.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 13:33  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:49:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 14:49:02 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

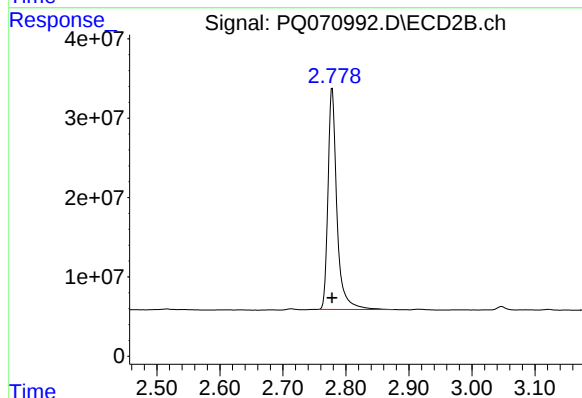




## #1 Tetrachloro-m-xylene

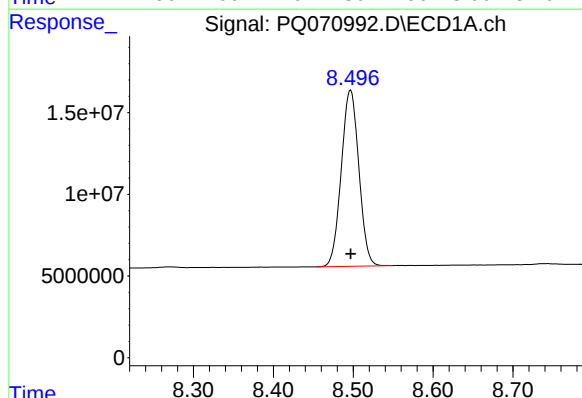
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 230224891  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC500



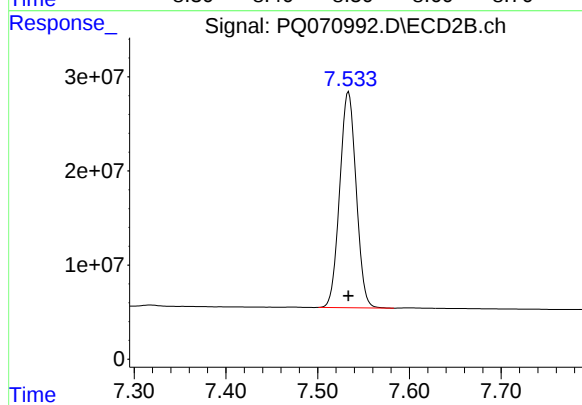
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 274224468  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 165005727  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

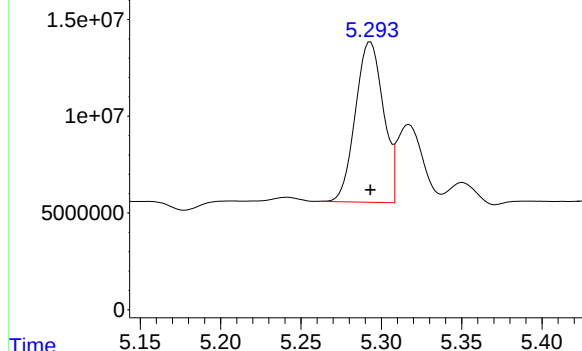
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 285844731  
Conc: 50.00 ng/ml

Response\_ Signal: PQ070992.D\ECD1A.ch

#26 AR-1254-1

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 100154125  
Conc: 500.00 ng/ml

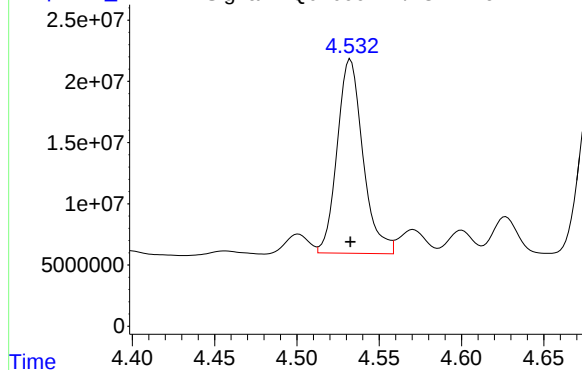
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC500



Response\_ Signal: PQ070992.D\ECD2B.ch

#26 AR-1254-1

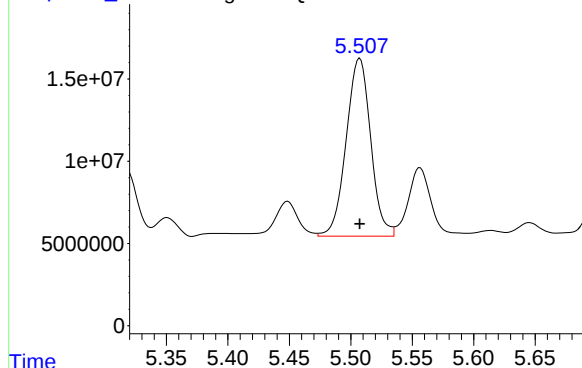
R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 172752640  
Conc: 500.00 ng/ml



Response\_ Signal: PQ070992.D\ECD1A.ch

#27 AR-1254-2

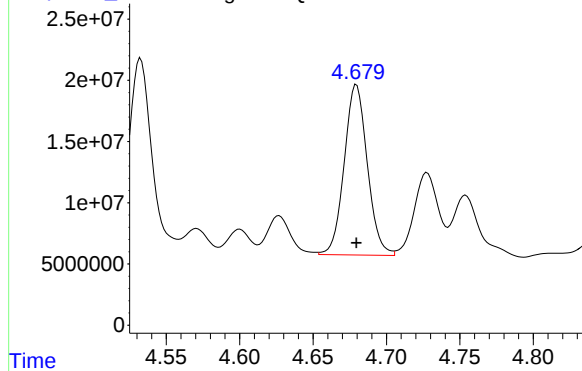
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 150279116  
Conc: 500.00 ng/ml



Response\_ Signal: PQ070992.D\ECD2B.ch

#27 AR-1254-2

R.T.: 4.680 min  
Delta R.T.: 0.000 min  
Response: 152424780  
Conc: 500.00 ng/ml

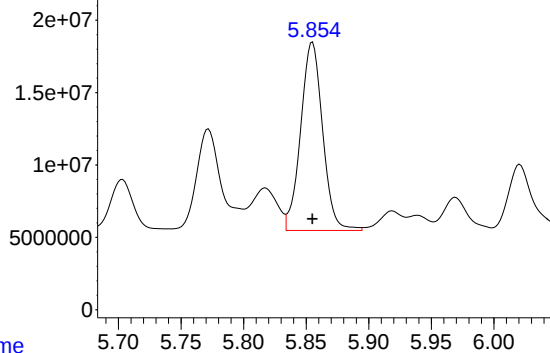


Response\_

Signal: PQ070992.D\ECD1A.ch

#28 AR-1254-3

ICAL Form



R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 159265361  
Conc: 500.00 ng/ml

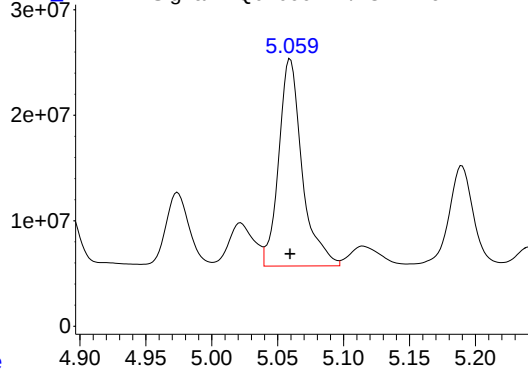
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC500

Time

Response

Signal: PQ070992.D\ECD2B.ch

#28 AR-1254-3



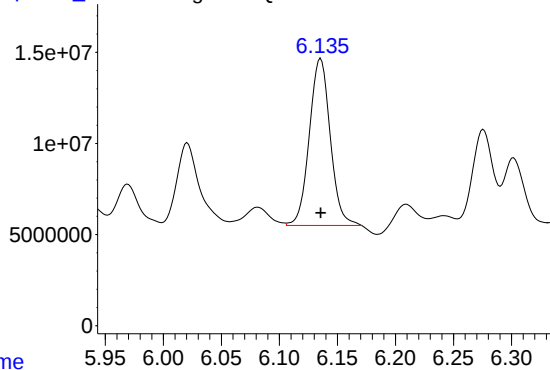
R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 242313593  
Conc: 500.00 ng/ml

Time

Response

Signal: PQ070992.D\ECD1A.ch

#29 AR-1254-4



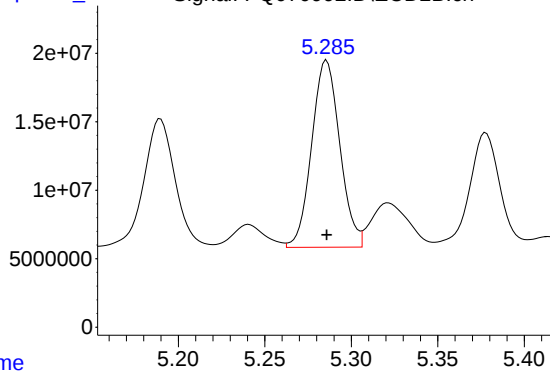
R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 114899065  
Conc: 500.00 ng/ml

Time

Response

Signal: PQ070992.D\ECD2B.ch

#29 AR-1254-4

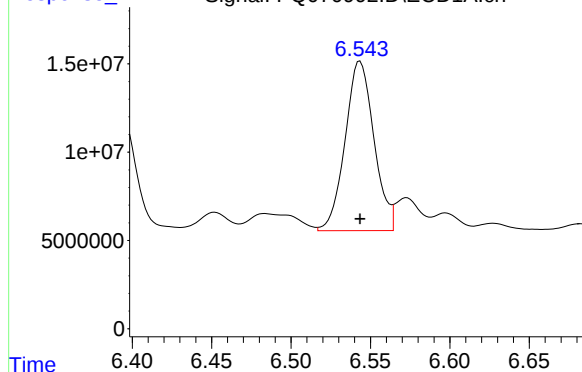


R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 154289356  
Conc: 500.00 ng/ml

Response\_

Signal: PQ070992.D\ECD1A.ch

#30 AR-1254-5



R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 121288407  
Conc: 500.00 ng/ml

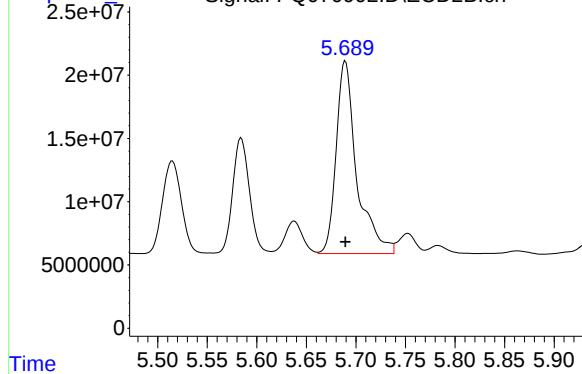
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC500

Time

Response

Signal: PQ070992.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 219747553  
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070993.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 13:48  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 15:02:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 15:02:26 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...          | 3.401 | 2.778 | 115.6E6  | 138.1E6  | 25.327  | 25.369  |
| 2) SA Decachlor...          | 8.497 | 7.534 | 85811055 | 149.3E6  | 26.191  | 26.396  |
|                             |       |       |          |          |         |         |
| Target Compounds            |       |       |          |          |         |         |
| 26) L6 AR-1254-1            | 5.293 | 4.533 | 55605487 | 94496803 | 275.527 | 271.759 |
| 27) L6 AR-1254-2            | 5.507 | 4.679 | 79670910 | 81557409 | 267.151 | 268.017 |
| 28) L6 AR-1254-3            | 5.855 | 5.060 | 83776868 | 125.4E6  | 264.224 | 261.310 |
| 29) L6 AR-1254-4            | 6.135 | 5.286 | 59407243 | 79268444 | 260.355 | 259.866 |
| 30) L6 AR-1254-5            | 6.544 | 5.690 | 62353894 | 113.1E6  | 259.216 | 260.512 |
| -----                       |       |       |          |          |         |         |

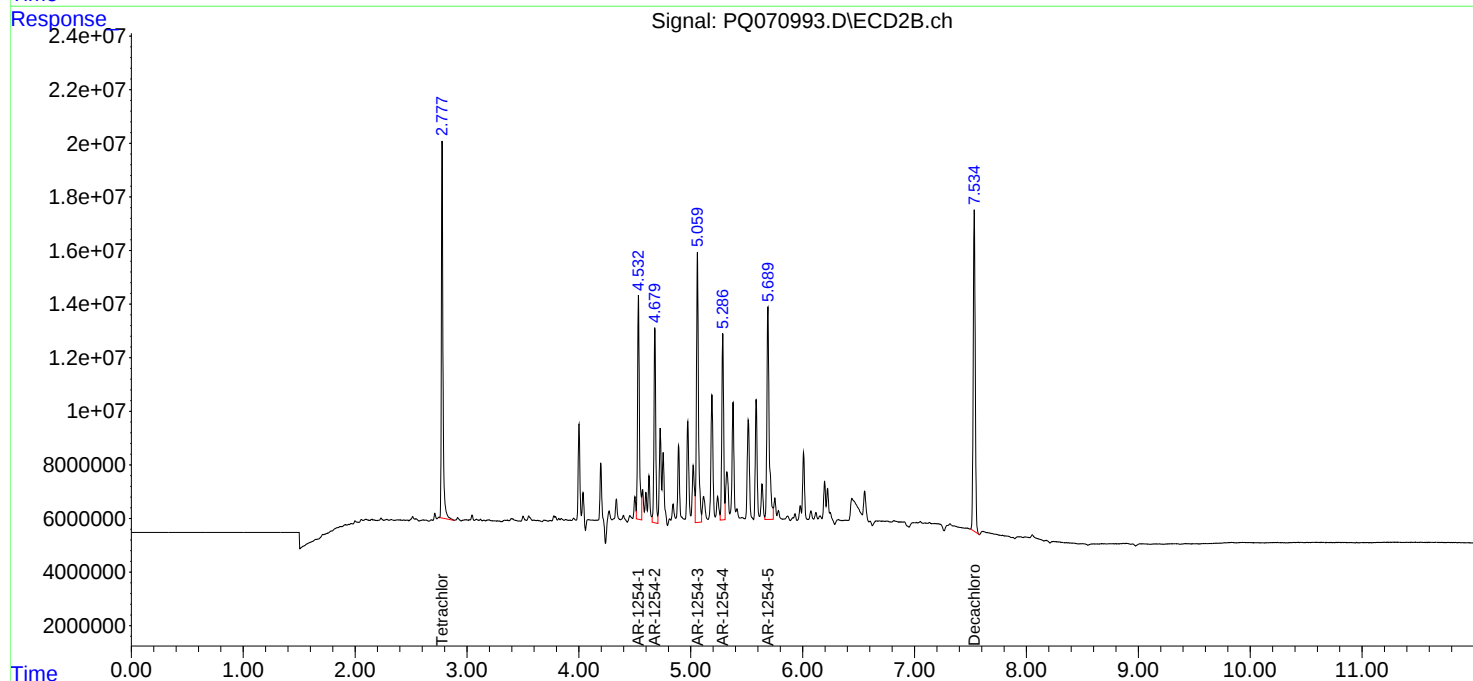
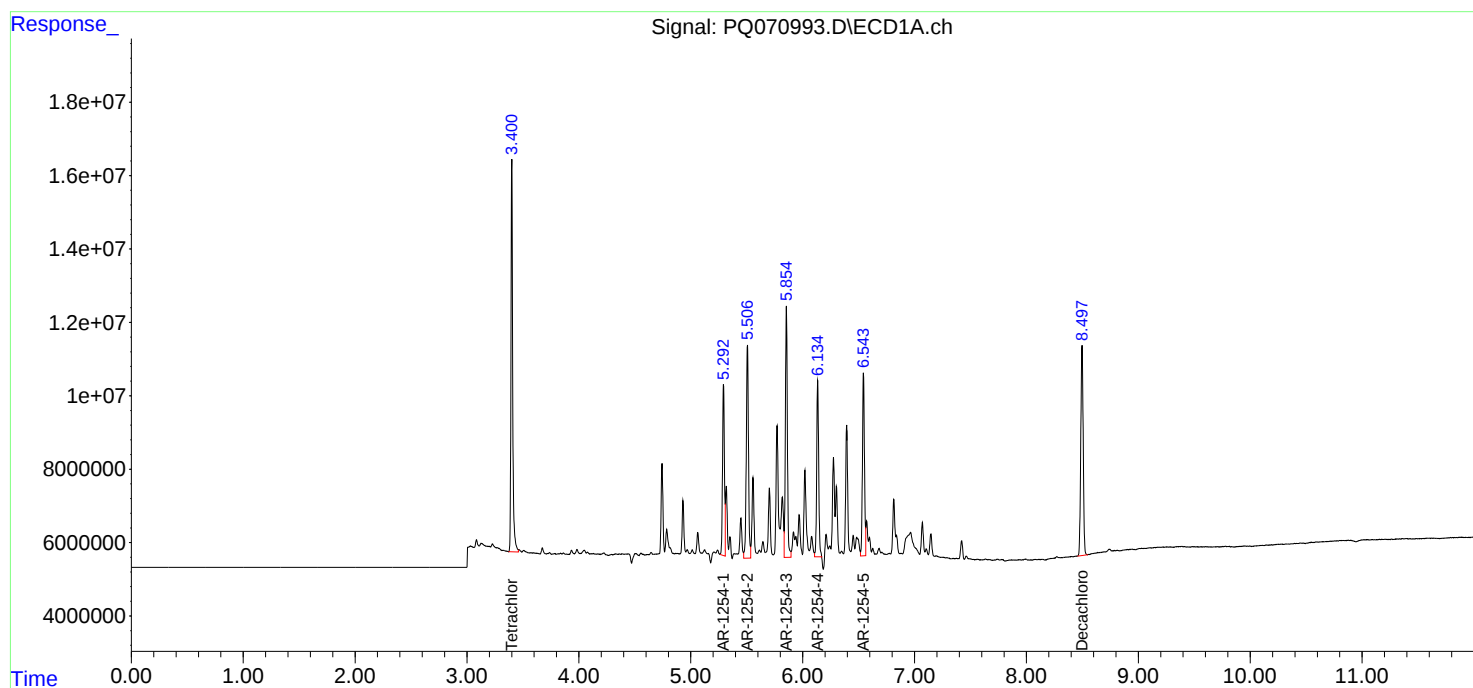
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

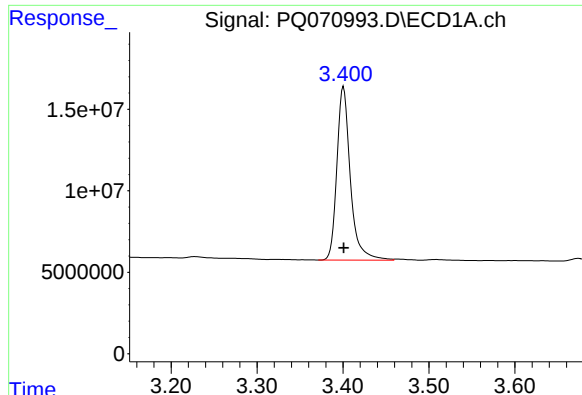
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070993.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 13:48  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 15:02:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 15:02:26 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

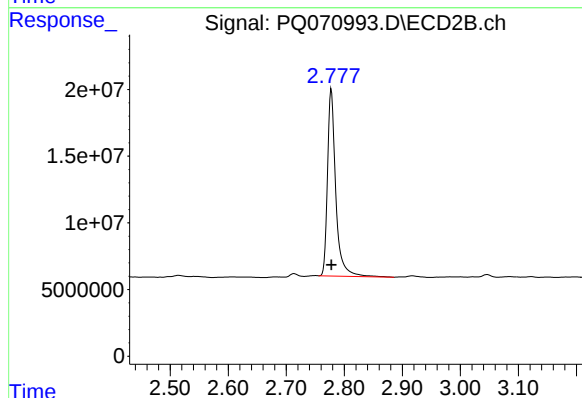




## #1 Tetrachloro-m-xylene

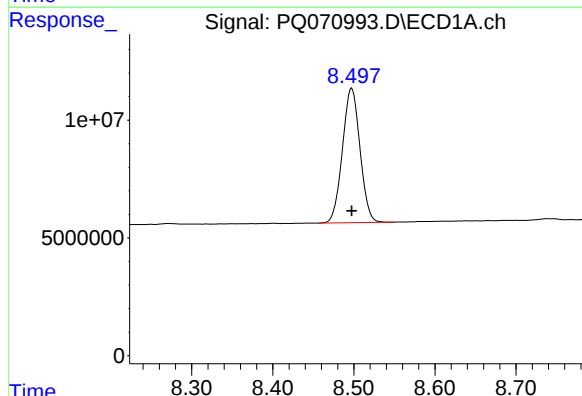
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 115639387  
Conc: 25.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC250



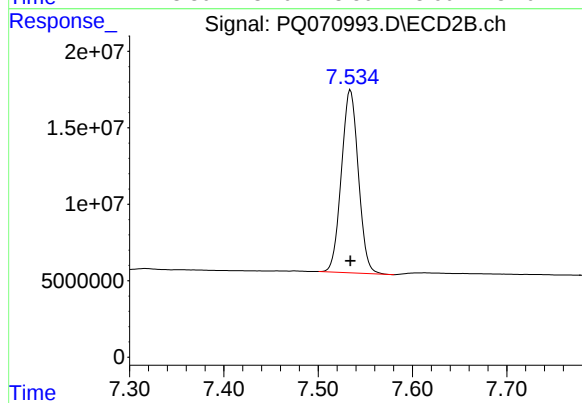
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 138074617  
Conc: 25.37 ng/ml



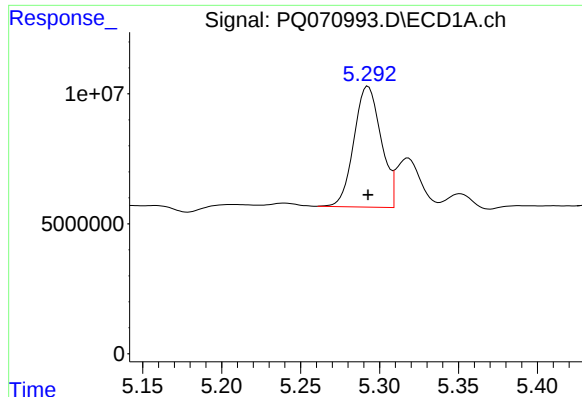
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 85811055  
Conc: 26.19 ng/ml



## #2 Decachlorobiphenyl

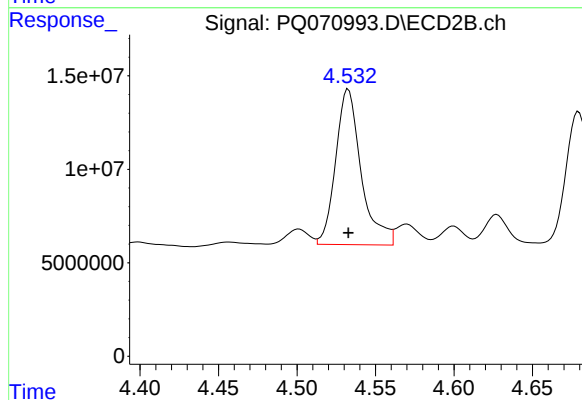
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 149322341  
Conc: 26.40 ng/ml



#26 AR-1254-1

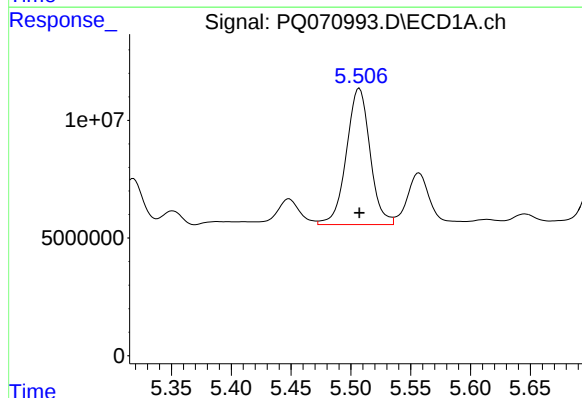
R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 55605487  
Conc: 275.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC250



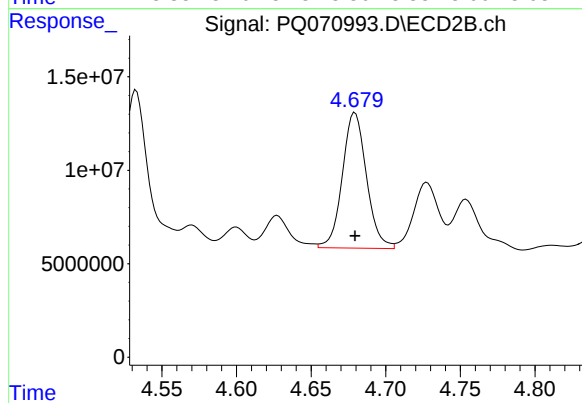
#26 AR-1254-1

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 94496803  
Conc: 271.76 ng/ml



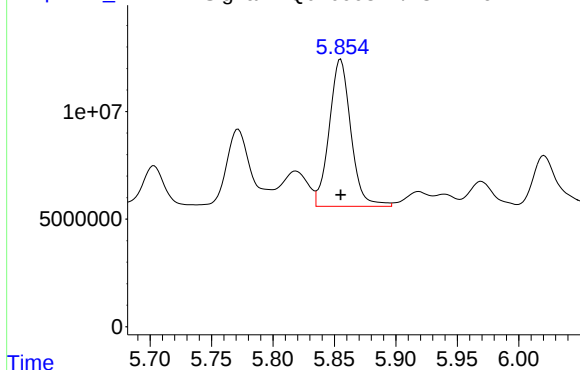
#27 AR-1254-2

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 79670910  
Conc: 267.15 ng/ml



#27 AR-1254-2

R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 81557409  
Conc: 268.02 ng/ml



R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 83776868  
Conc: 264.22 ng/ml

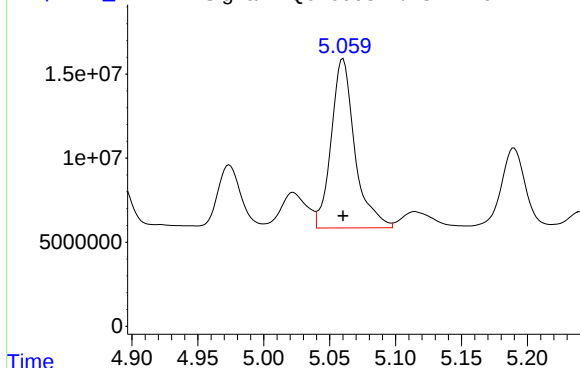
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC250

Time

Response\_

Signal: PQ070993.D\ECD2B.ch

#28 AR-1254-3



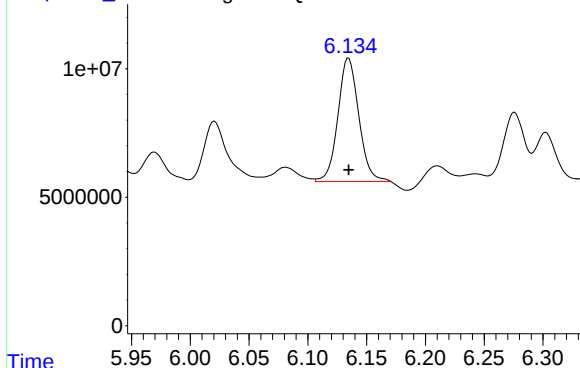
R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 125404807  
Conc: 261.31 ng/ml

Time

Response\_

Signal: PQ070993.D\ECD1A.ch

#29 AR-1254-4



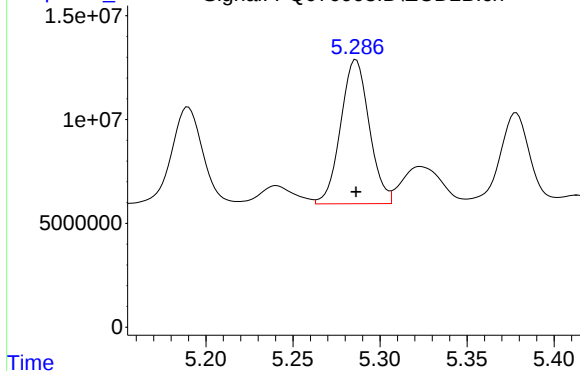
R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 59407243  
Conc: 260.35 ng/ml

Time

Response\_

Signal: PQ070993.D\ECD2B.ch

#29 AR-1254-4

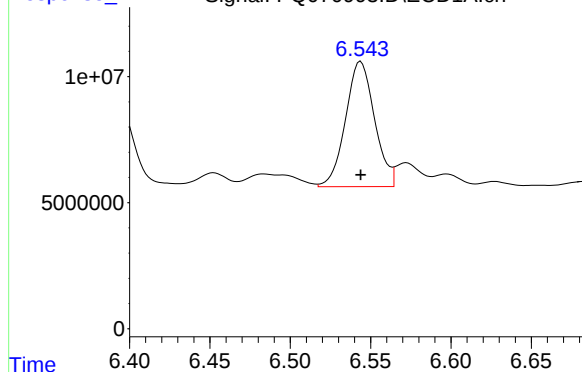


R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 79268444  
Conc: 259.87 ng/ml

Response\_

Signal: PQ070993.D\ECD1A.ch

#30 AR-1254-5



R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 62353894  
Conc: 259.22 ng/ml

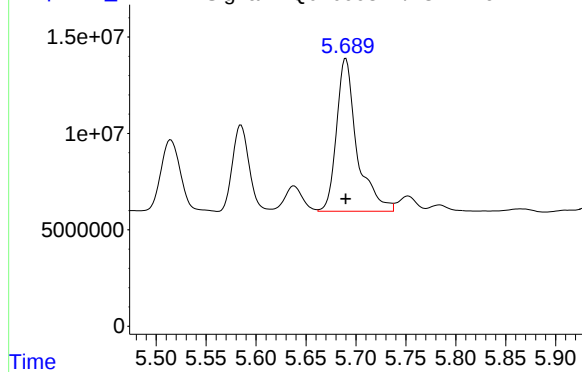
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC250

Time

Response\_

Signal: PQ070993.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 113088081  
Conc: 260.51 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070994.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 15:15  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 15:31:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 15:31:02 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...          | 3.400 | 2.777 | 18509464 | 21190782 | 4.213  | 4.074  |
| 2) SA Decachlor...          | 8.497 | 7.533 | 13621454 | 26282104 | 4.302  | 4.713  |
| Target Compounds            |       |       |          |          |        |        |
| 26) L6 AR-1254-1            | 5.294 | 4.533 | 8706585  | 14758492 | 44.358 | 43.766 |
| 27) L6 AR-1254-2            | 5.507 | 4.679 | 12975824 | 13428771 | 44.670 | 45.191 |
| 28) L6 AR-1254-3            | 5.856 | 5.060 | 13388451 | 20784652 | 43.581 | 44.501 |
| 29) L6 AR-1254-4            | 6.135 | 5.286 | 9249550  | 12805792 | 42.131 | 43.372 |
| 30) L6 AR-1254-5            | 6.544 | 5.690 | 9864278  | 18267509 | 42.538 | 43.458 |
| -----                       |       |       |          |          |        |        |

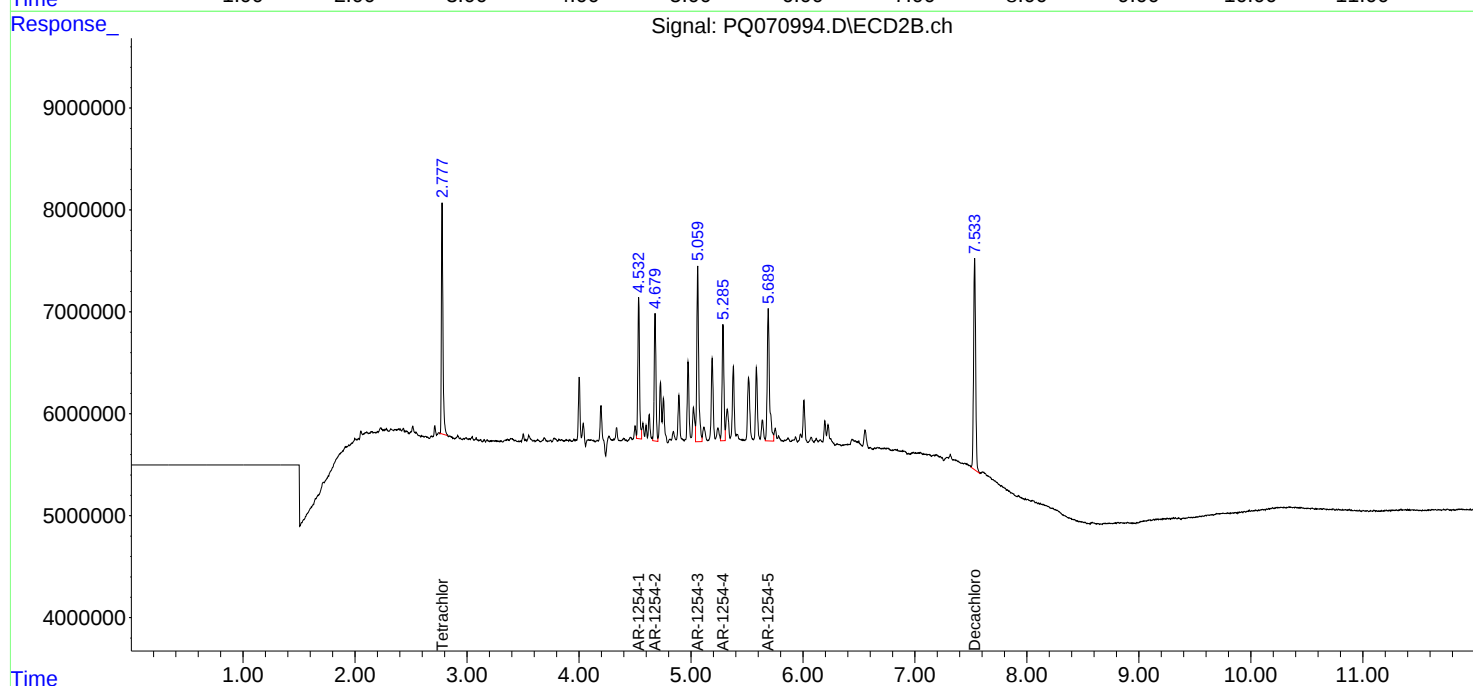
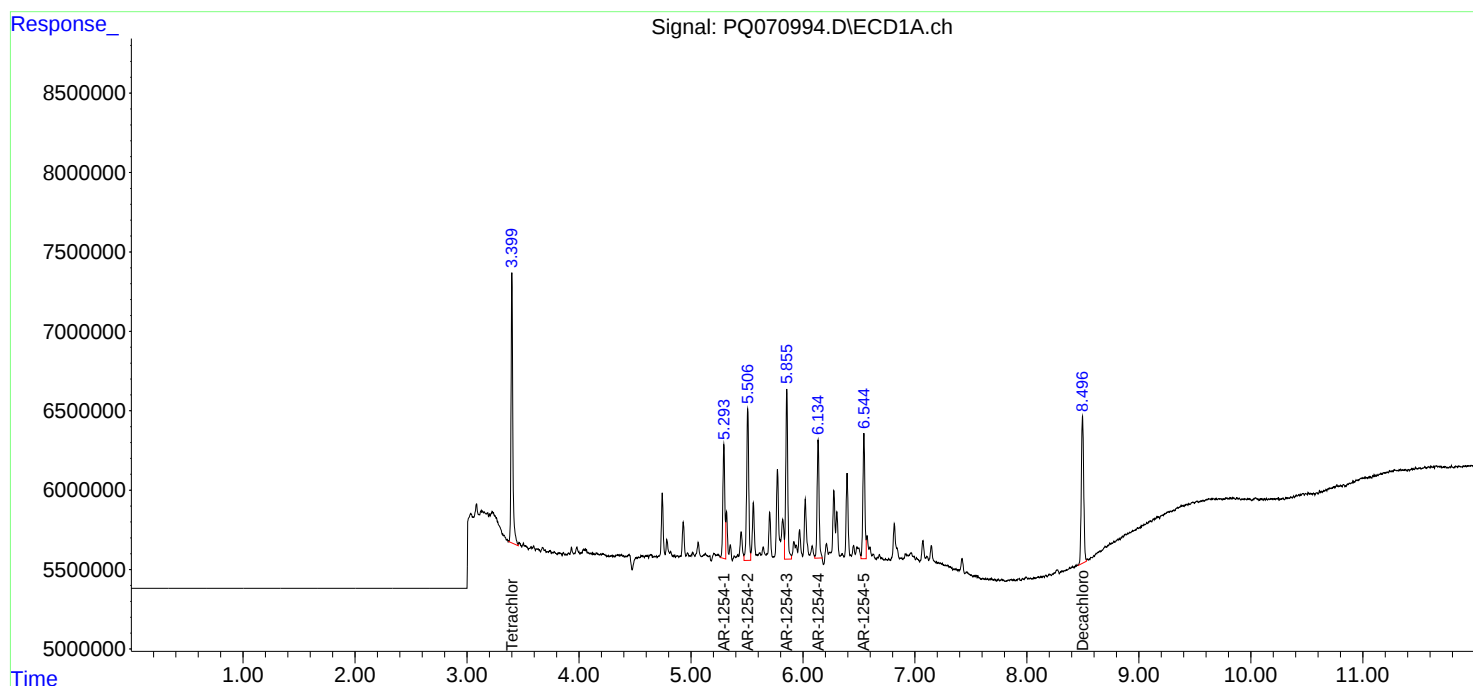
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

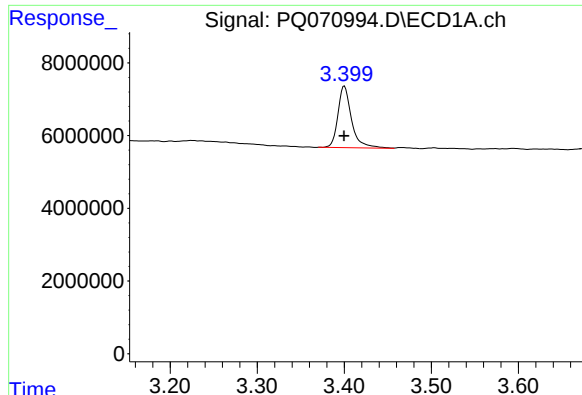
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070994.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 15:15  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 15:31:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 15:31:02 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

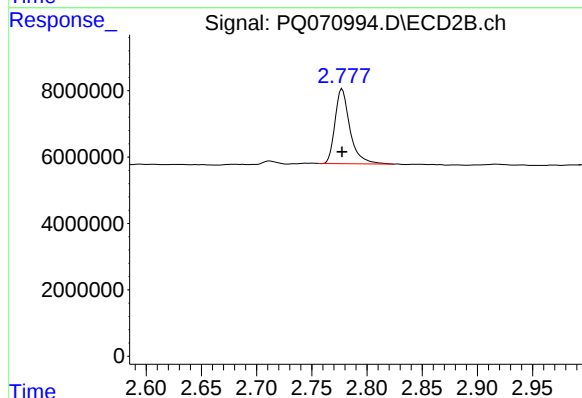




## #1 Tetrachloro-m-xylene

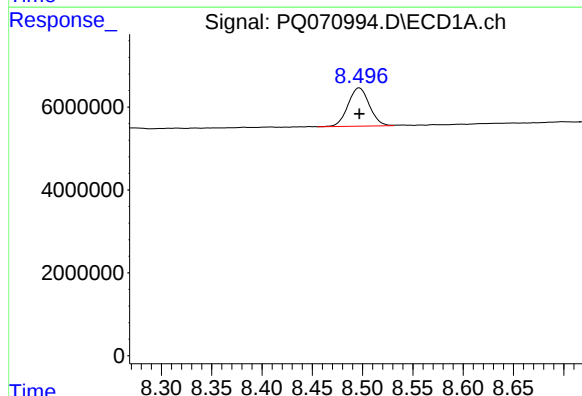
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 18509464  
Conc: 4.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC050



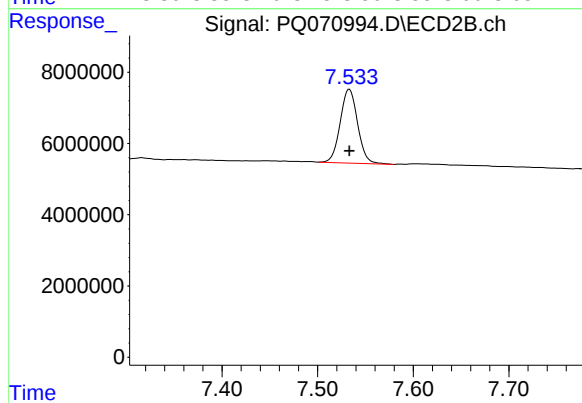
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 21190782  
Conc: 4.07 ng/ml



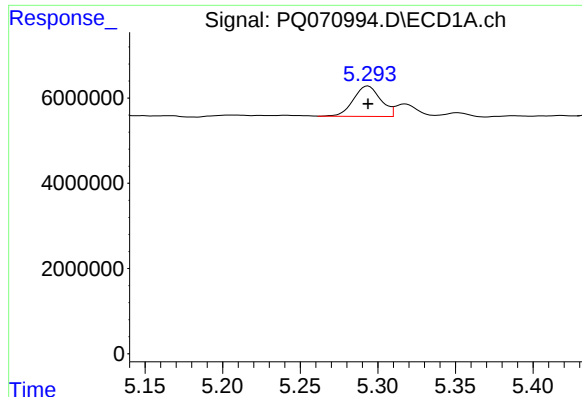
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 13621454  
Conc: 4.30 ng/ml



## #2 Decachlorobiphenyl

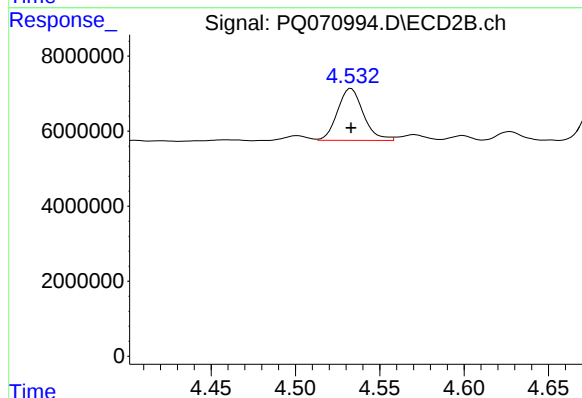
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 26282104  
Conc: 4.71 ng/ml



#26 AR-1254-1

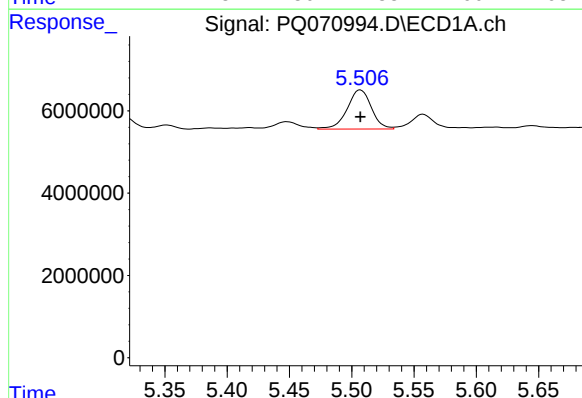
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 8706585  
Conc: 44.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC050



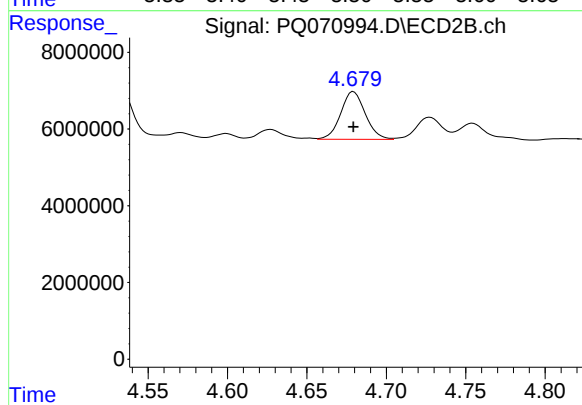
#26 AR-1254-1

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 14758492  
Conc: 43.77 ng/ml



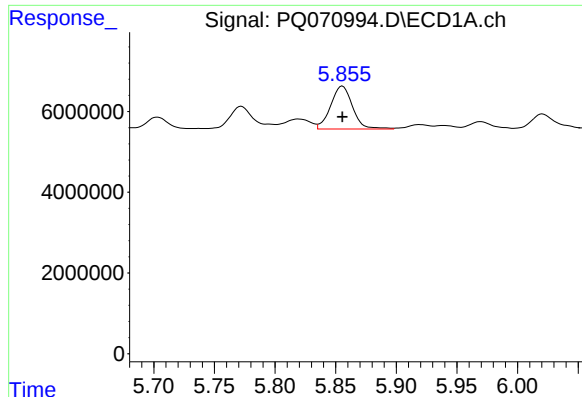
#27 AR-1254-2

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 12975824  
Conc: 44.67 ng/ml



#27 AR-1254-2

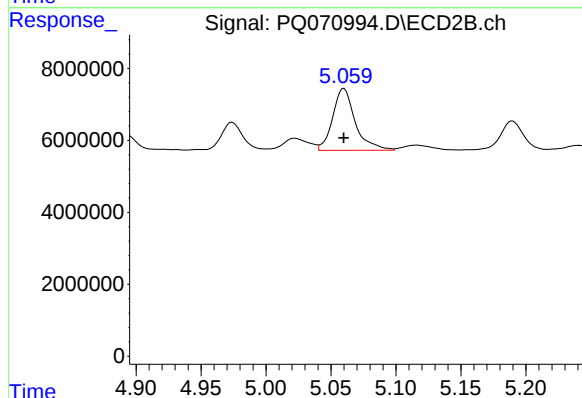
R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 13428771  
Conc: 45.19 ng/ml



#28 AR-1254-3

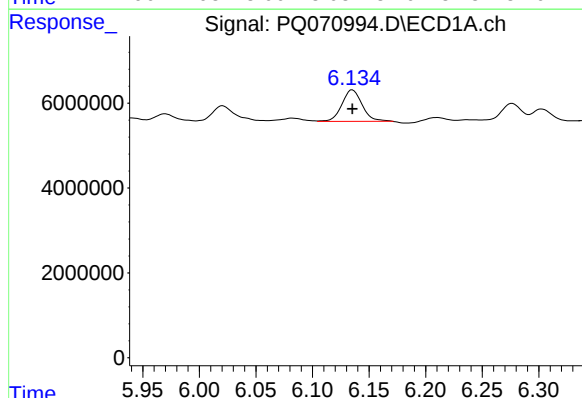
R.T.: 5.856 min  
Delta R.T.: 0.000 min  
Response: 13388451  
Conc: 43.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC050



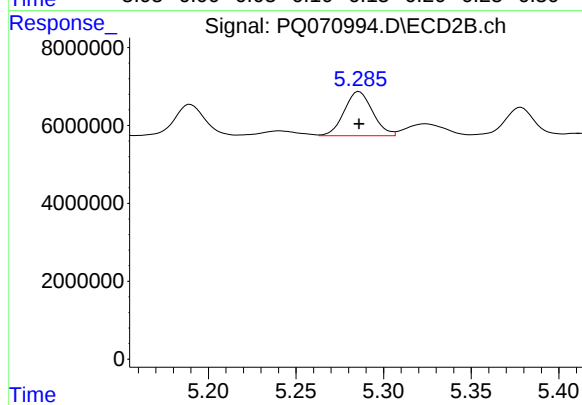
#28 AR-1254-3

R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 20784652  
Conc: 44.50 ng/ml



#29 AR-1254-4

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 9249550  
Conc: 42.13 ng/ml



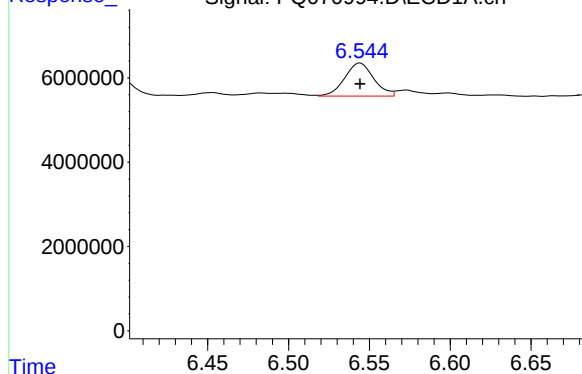
#29 AR-1254-4

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 12805792  
Conc: 43.37 ng/ml

Response\_

Signal: PQ070994.D\ECD1A.ch

#30 AR-1254-5



R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 9864278  
Conc: 42.54 ng/ml

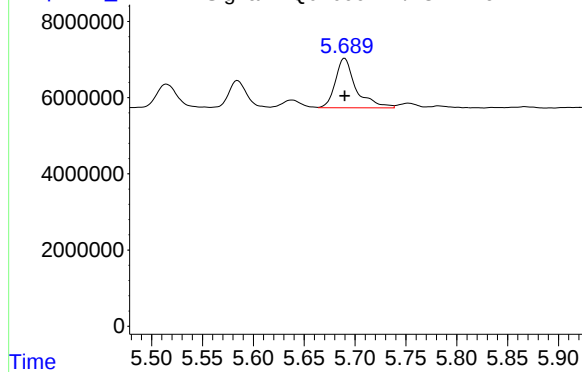
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254ICC050

Time

Response\_

Signal: PQ070994.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 18267509  
Conc: 43.46 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 15:30  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 15:45:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 15:45:32 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...          | 3.400 | 2.778 | 233.7E6  | 278.1E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.497 | 7.533 | 168.1E6  | 302.5E6 | 50.000  | 50.000  |
| Target Compounds            |       |       |          |         |         |         |
| 36) L8 AR-1262-1            | 6.841 | 5.733 | 137.0E6  | 226.2E6 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 7.146 | 5.979 | 249.2E6  | 213.9E6 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 7.419 | 6.500 | 164.3E6  | 166.4E6 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 7.492 | 6.561 | 126.2E6  | 308.4E6 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 7.988 | 7.051 | 82174920 | 151.5E6 | 500.000 | 500.000 |
| -----                       |       |       |          |         |         |         |

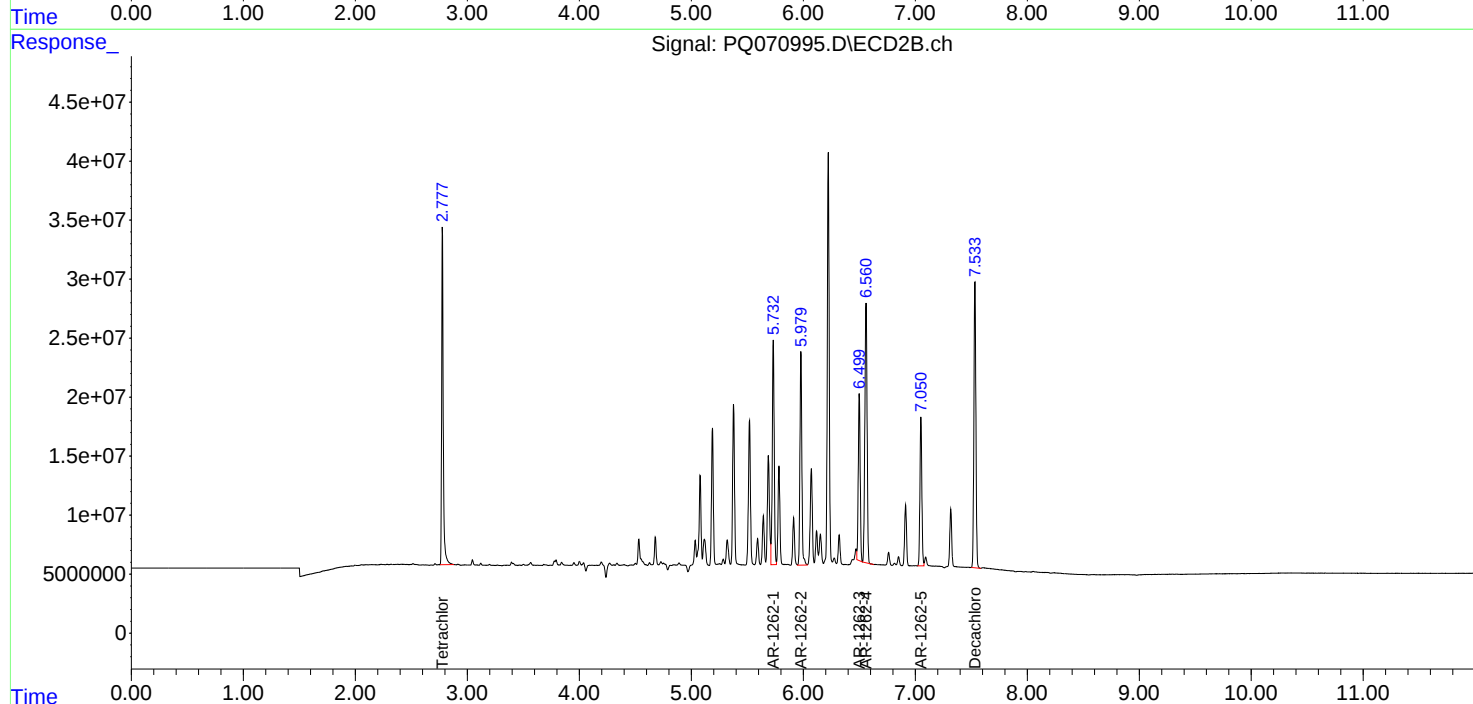
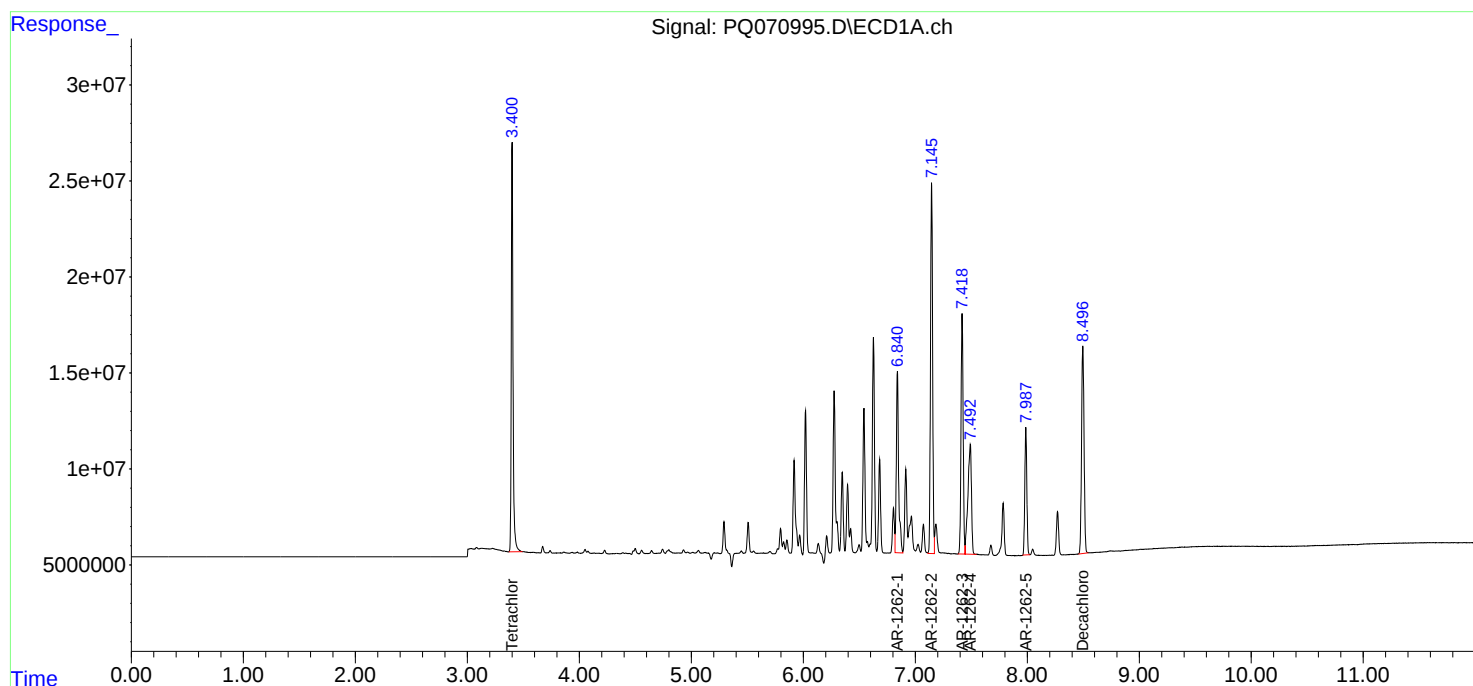
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

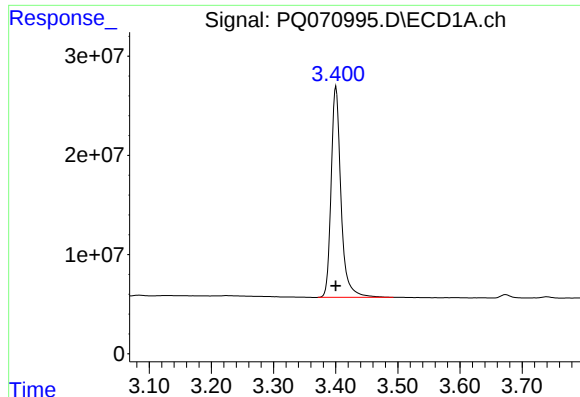
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070995.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 15:30  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 15:45:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 15:45:32 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

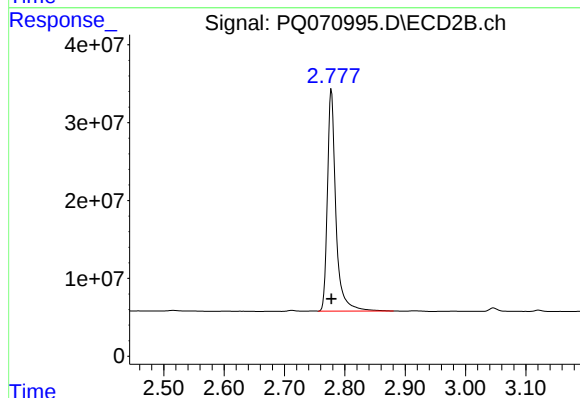




## #1 Tetrachloro-m-xylene

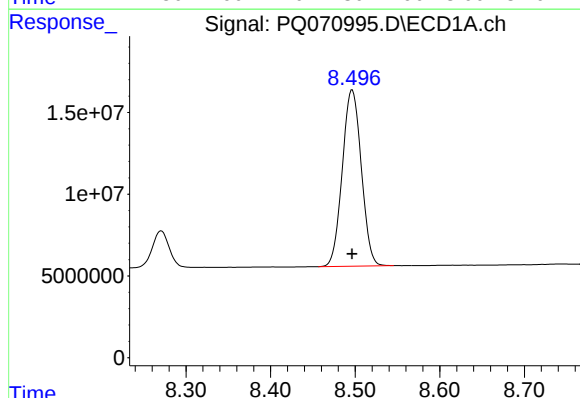
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 233674057  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1262ICC500



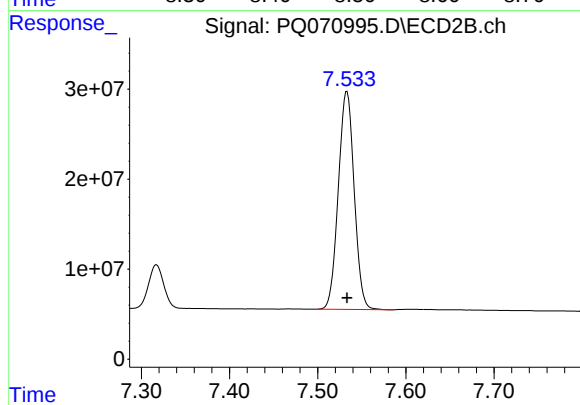
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 278097352  
Conc: 50.00 ng/ml



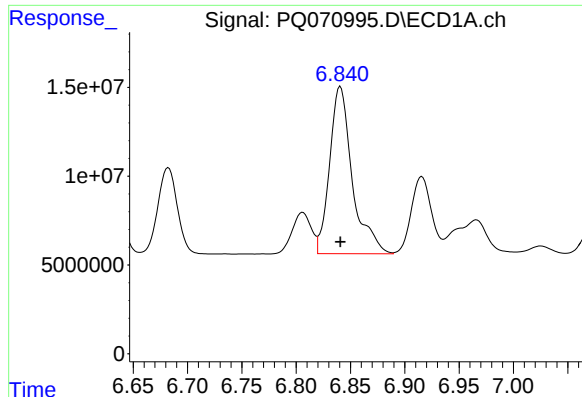
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 168129535  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

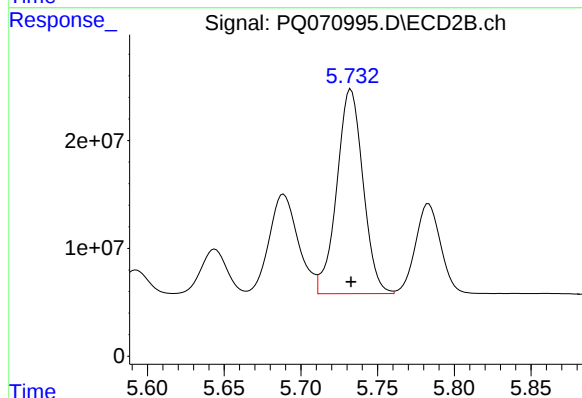
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 302467313  
Conc: 50.00 ng/ml



#36 AR-1262-1

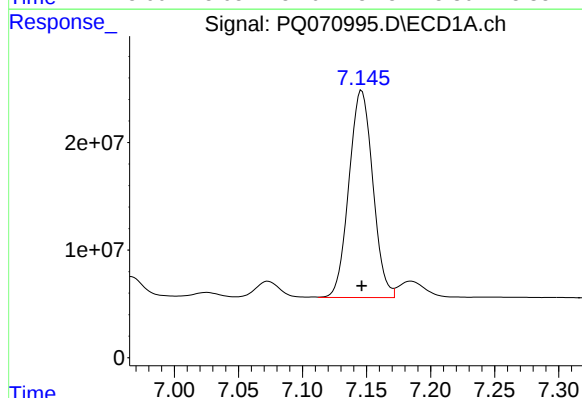
R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 137009240  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1262ICC500



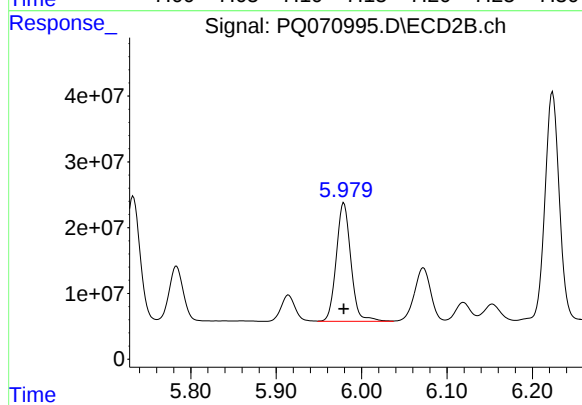
#36 AR-1262-1

R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 226243354  
Conc: 500.00 ng/ml



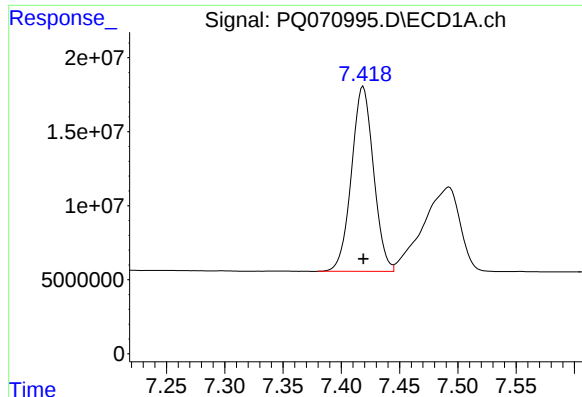
#37 AR-1262-2

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 249238238  
Conc: 500.00 ng/ml



#37 AR-1262-2

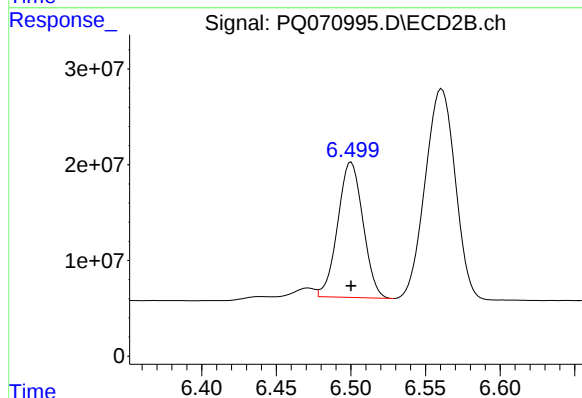
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 213850677  
Conc: 500.00 ng/ml



#38 AR-1262-3

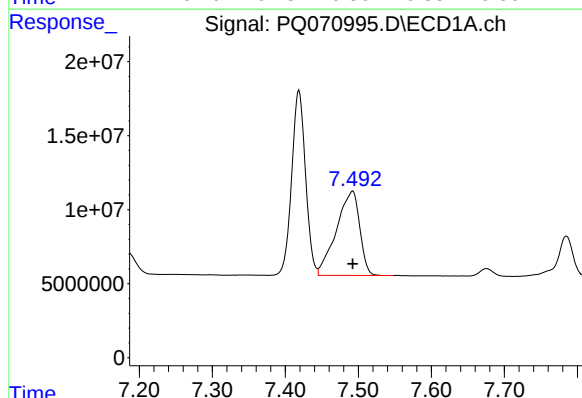
R.T.: 7.419 min  
Delta R.T.: 0.000 min  
Response: 164329640  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1262ICC500



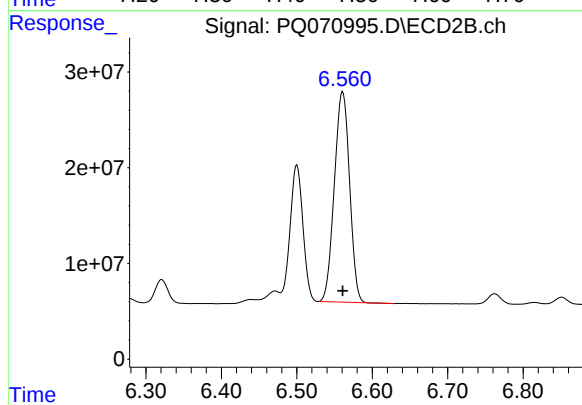
#38 AR-1262-3

R.T.: 6.500 min  
Delta R.T.: 0.000 min  
Response: 166353751  
Conc: 500.00 ng/ml



#39 AR-1262-4

R.T.: 7.492 min  
Delta R.T.: 0.000 min  
Response: 126169859  
Conc: 500.00 ng/ml



#39 AR-1262-4

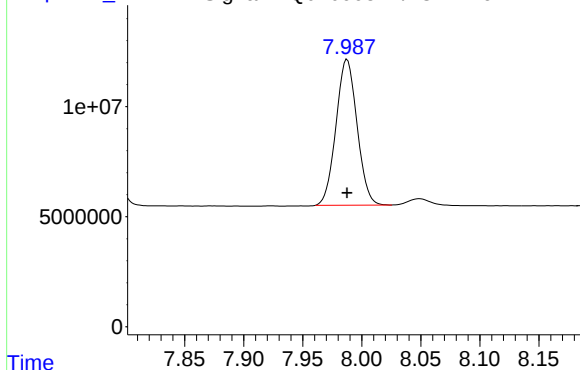
R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 308409736  
Conc: 500.00 ng/ml

Response\_

Signal: PQ070995.D\ECD1A.ch

#40 AR-1262-5

ICAL Form



R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 82174920  
Conc: 500.00 ng/ml

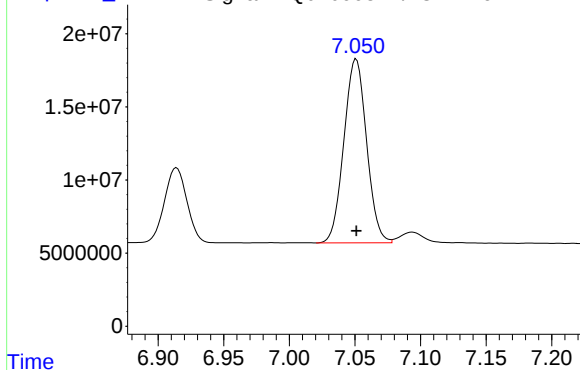
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1262ICC500

Time

Response\_

Signal: PQ070995.D\ECD2B.ch

#40 AR-1262-5



R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 151493238  
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070996.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 15:44  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 16:44:2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 16:41:42 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...          | 3.400 | 2.778 | 473.5E6  | 558.2E6  | 98.121  | 98.662  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 575.8E6  | 1040.1E6 | 97.627  | 97.468  |
|                             |       |       |          |          |         |         |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 7.418 | 6.501 | 555.6E6  | 931.5E6  | 975.616 | 977.850 |
| 42) L9 AR-1268-2            | 7.494 | 6.563 | 510.3E6  | 858.9E6  | 977.260 | 976.287 |
| 43) L9 AR-1268-3            | 7.676 | 6.763 | 416.5E6  | 746.0E6  | 976.432 | 977.977 |
| 44) L9 AR-1268-4            | 7.988 | 7.051 | 179.4E6  | 330.2E6  | 972.218 | 977.102 |
| 45) L9 AR-1268-5            | 8.271 | 7.318 | 1283.2E6 | 2374.7E6 | 985.329 | 987.978 |
| -----                       |       |       |          |          |         |         |

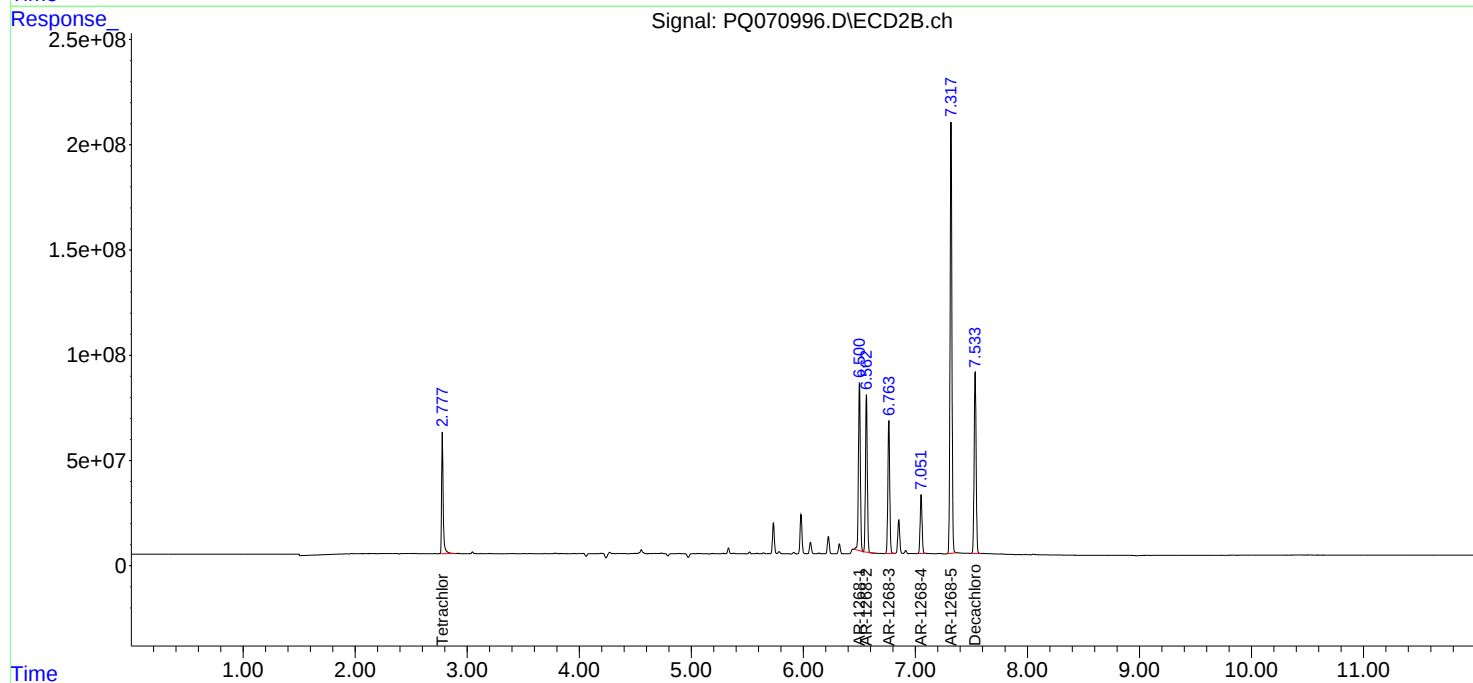
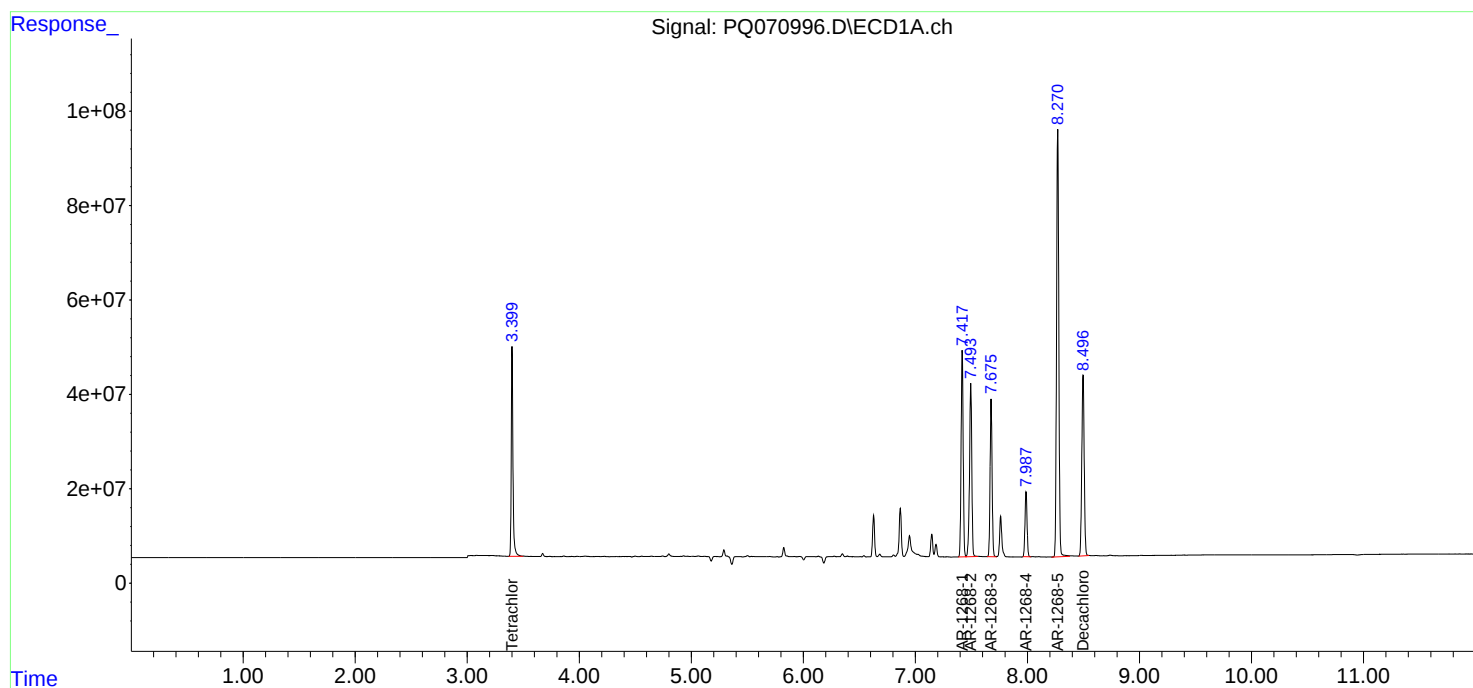
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

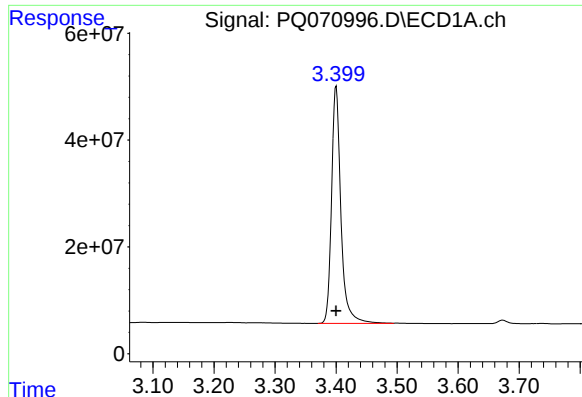
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070996.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 15:44  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 16:44:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 16:41:42 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

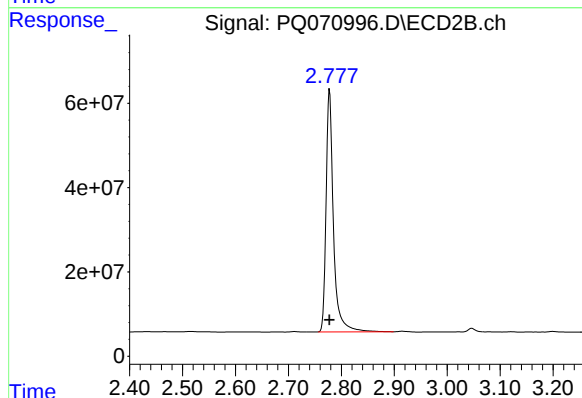




## #1 Tetrachloro-m-xylene

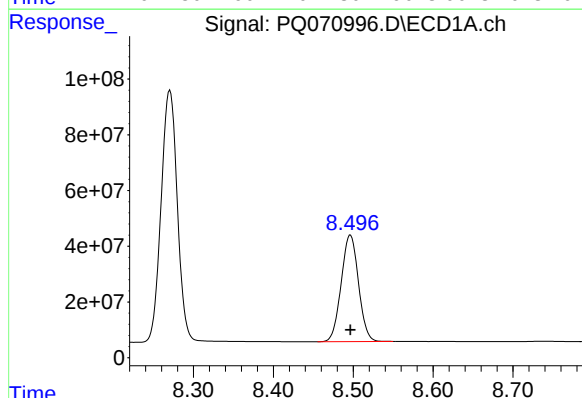
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 473487442  
Conc: 98.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC1000



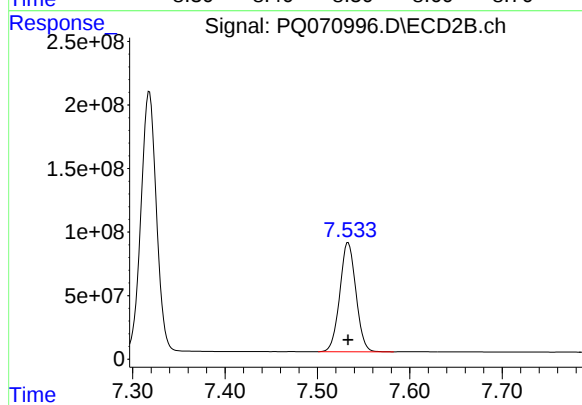
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 558165948  
Conc: 98.66 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 575751429  
Conc: 97.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 1040108591  
Conc: 97.47 ng/ml

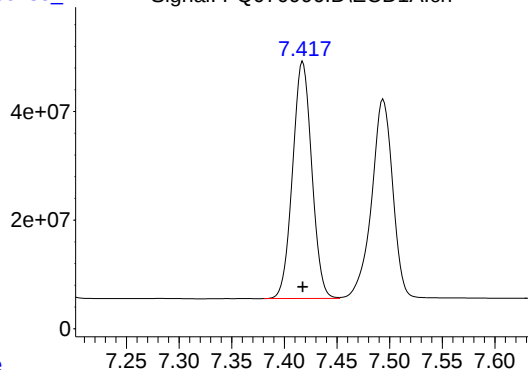
Response\_

Signal: PQ070996.D\ECD1A.ch

#41 AR-1268-1

R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 555593291  
Conc: 975.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC1000



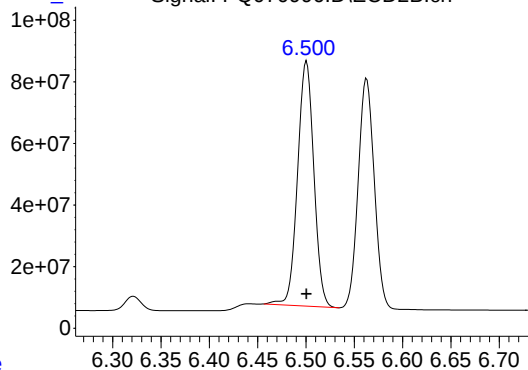
Time

Response\_

Signal: PQ070996.D\ECD2B.ch

#41 AR-1268-1

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 931455367  
Conc: 977.85 ng/ml



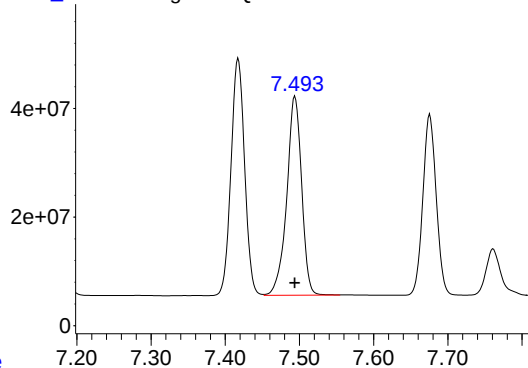
Time

Response\_

Signal: PQ070996.D\ECD1A.ch

#42 AR-1268-2

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 510325576  
Conc: 977.26 ng/ml



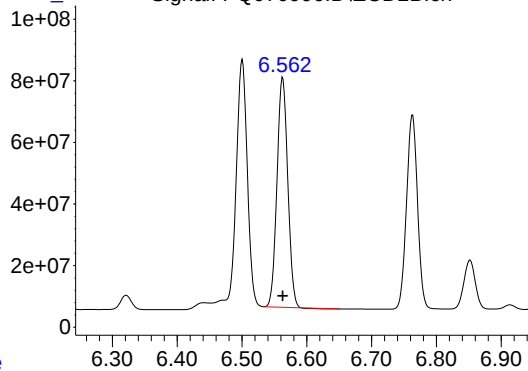
Time

Response\_

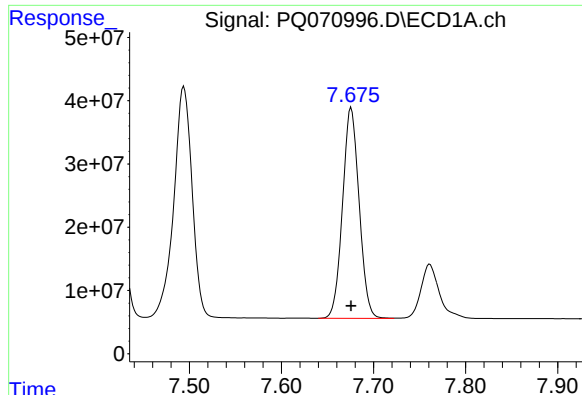
Signal: PQ070996.D\ECD2B.ch

#42 AR-1268-2

R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 858872879  
Conc: 976.29 ng/ml



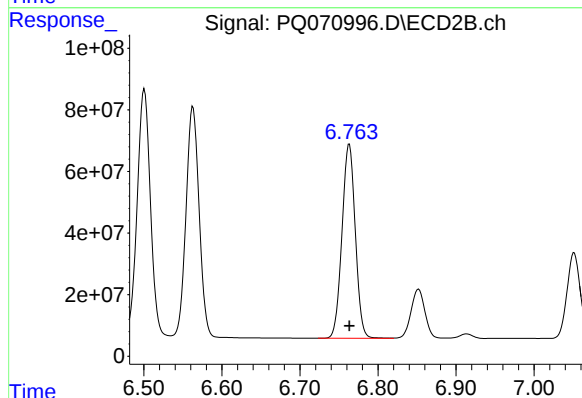
Time



#43 AR-1268-3

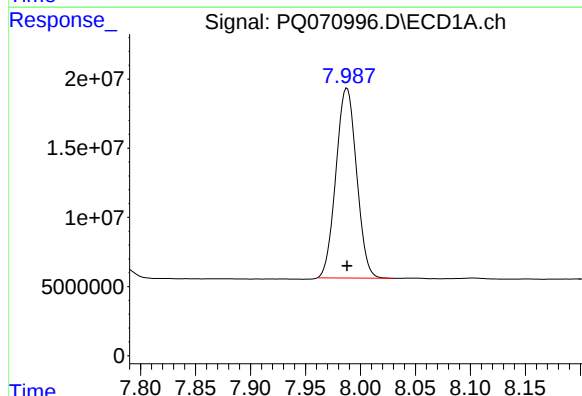
R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 416538407  
Conc: 976.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC1000



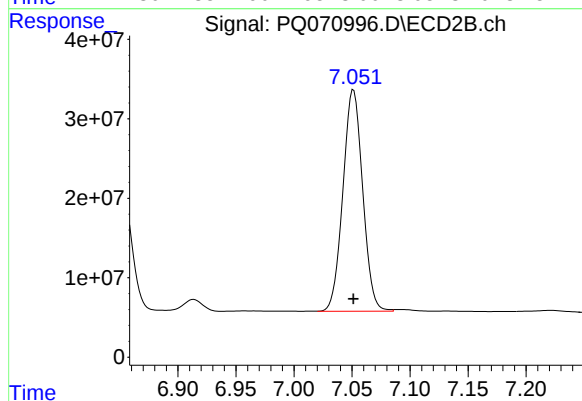
#43 AR-1268-3

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 746016914  
Conc: 977.98 ng/ml



#44 AR-1268-4

R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 179373252  
Conc: 972.22 ng/ml



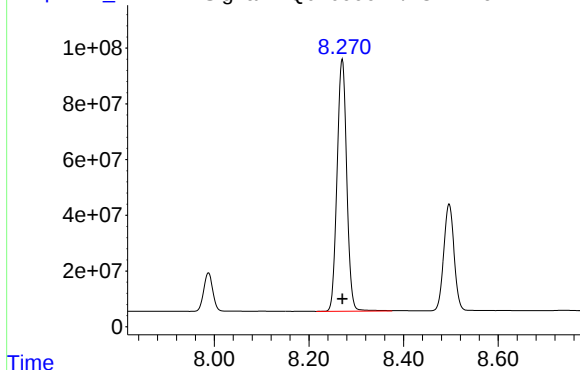
#44 AR-1268-4

R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 330162118  
Conc: 977.10 ng/ml

Response\_

Signal: PQ070996.D\ECD1A.ch

#45 AR-1268-5



R.T.: 8.271 min  
Delta R.T.: 0.000 min  
Response: 1283167757  
Conc: 985.33 ng/ml

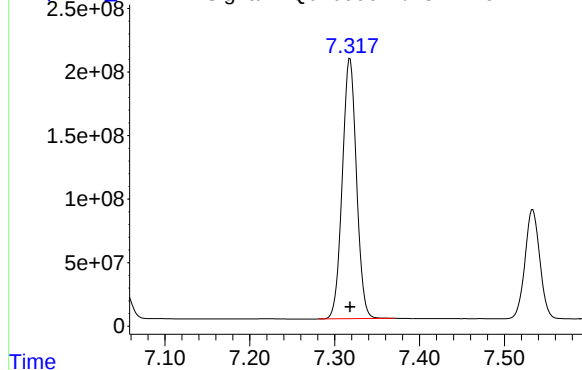
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC1000

Time

Response

Signal: PQ070996.D\ECD2B.ch

#45 AR-1268-5



R.T.: 7.318 min  
Delta R.T.: 0.000 min  
Response: 2374681378  
Conc: 987.98 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 15:59  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 16:47:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 16:41:42 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...          | 3.400 | 2.778 | 365.3E6 | 429.7E6  | 75.472  | 75.638  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 443.5E6 | 805.2E6  | 75.137  | 75.305  |
| Target Compounds            |       |       |         |          |         |         |
| 41) L9 AR-1268-1            | 7.417 | 6.501 | 429.3E6 | 721.3E6  | 752.594 | 754.792 |
| 42) L9 AR-1268-2            | 7.495 | 6.564 | 393.0E6 | 668.4E6  | 751.776 | 756.465 |
| 43) L9 AR-1268-3            | 7.677 | 6.763 | 320.6E6 | 577.3E6  | 751.101 | 754.528 |
| 44) L9 AR-1268-4            | 7.988 | 7.051 | 139.1E6 | 254.6E6  | 752.792 | 752.326 |
| 45) L9 AR-1268-5            | 8.270 | 7.318 | 981.0E6 | 1816.7E6 | 752.199 | 753.877 |
| -----                       |       |       |         |          |         |         |

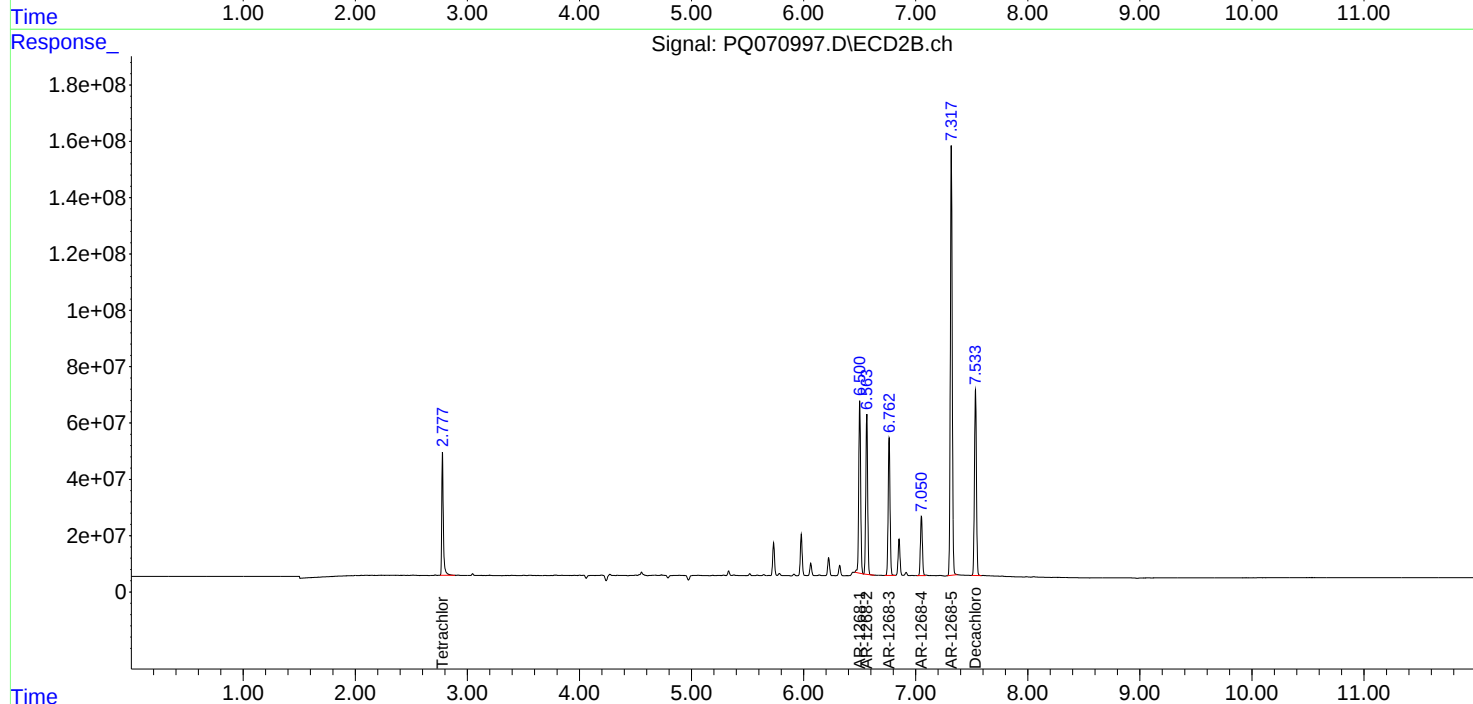
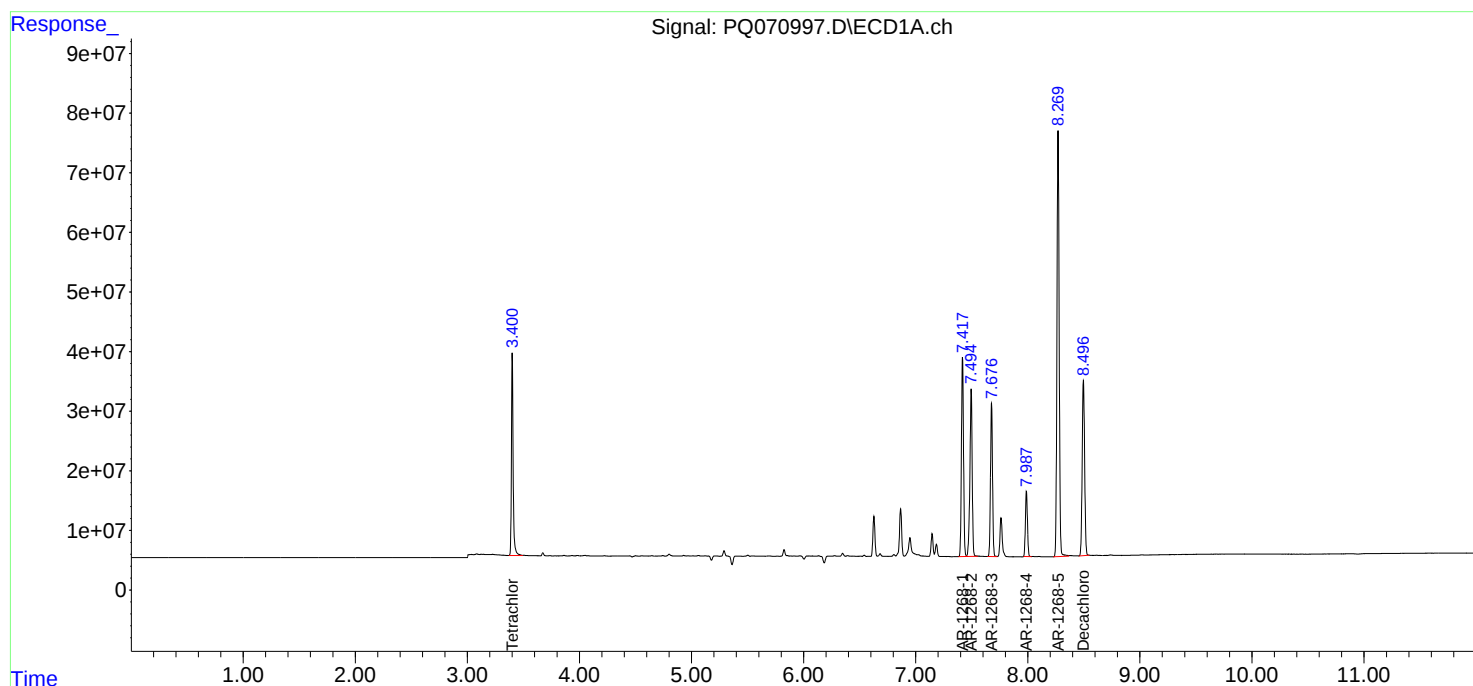
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 15:59  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

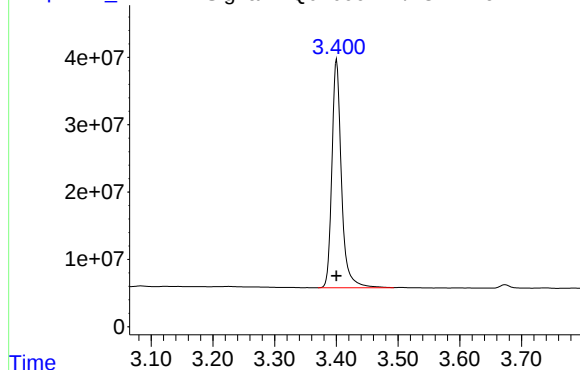
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 16:47:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 16:41:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PQ070997.D\ECD1A.ch

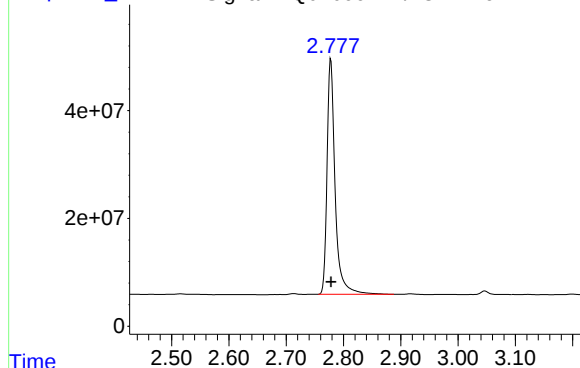


#1 Tetrachloro-m-xylene

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 365345228  
Conc: 75.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC750

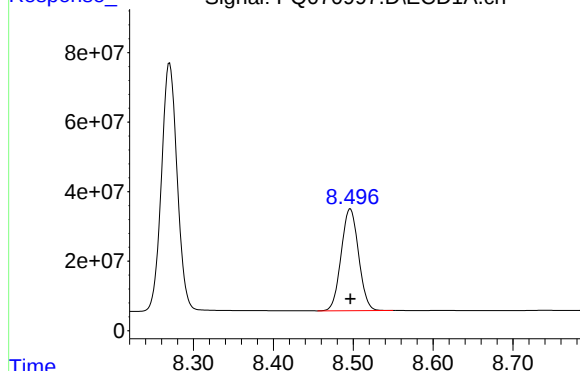
Response\_ Signal: PQ070997.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 429738765  
Conc: 75.64 ng/ml

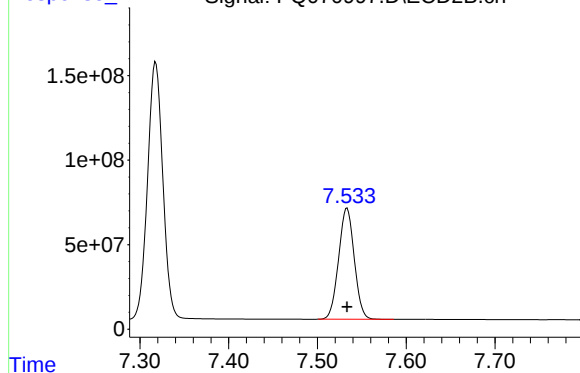
Response\_ Signal: PQ070997.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 443523459  
Conc: 75.14 ng/ml

Response\_ Signal: PQ070997.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 805246413  
Conc: 75.31 ng/ml

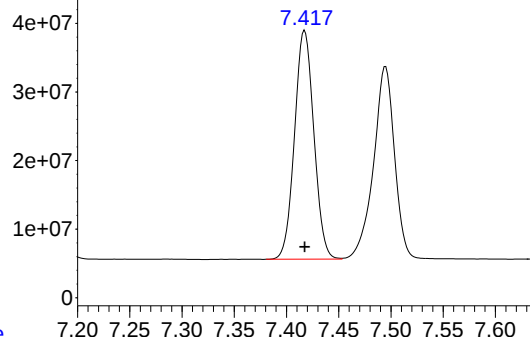
Response\_

Signal: PQ070997.D\ECD1A.ch

#41 AR-1268-1

R.T.: 7.417 min  
Delta R.T.: 0.000 min  
Response: 429329141  
Conc: 752.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC750



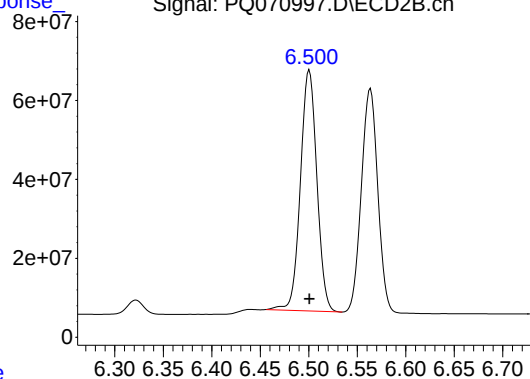
Time

Response

Signal: PQ070997.D\ECD2B.ch

#41 AR-1268-1

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 721284734  
Conc: 754.79 ng/ml



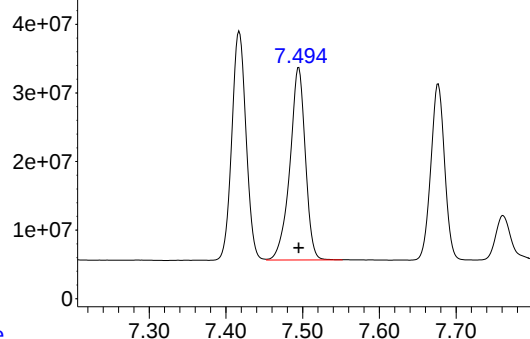
Time

Response

Signal: PQ070997.D\ECD1A.ch

#42 AR-1268-2

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 393043003  
Conc: 751.78 ng/ml



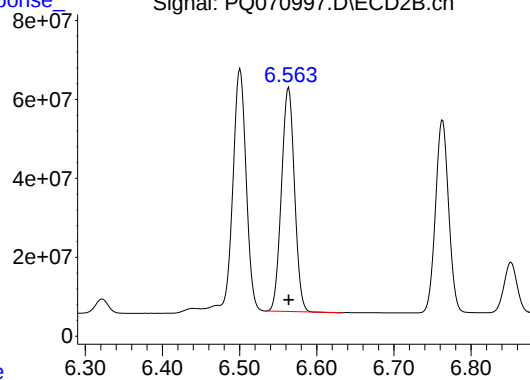
Time

Response

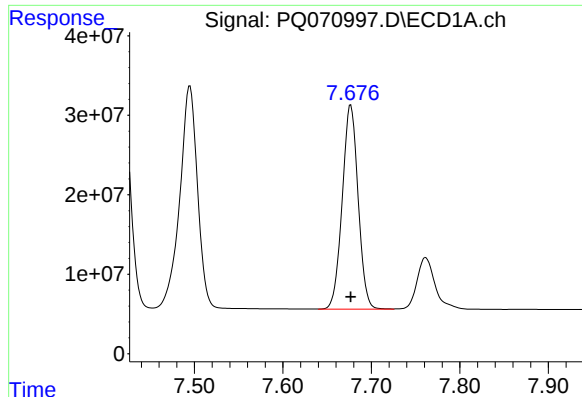
Signal: PQ070997.D\ECD2B.ch

#42 AR-1268-2

R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 668369020  
Conc: 756.47 ng/ml



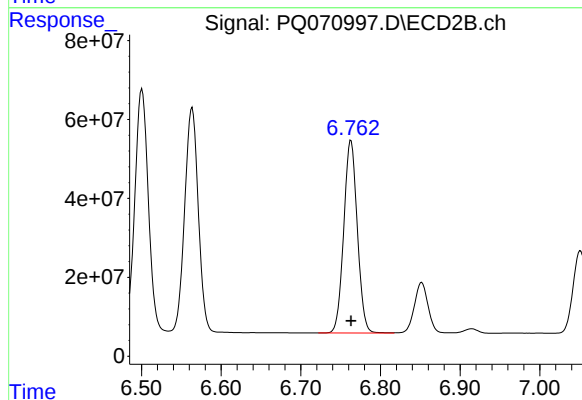
Time



#43 AR-1268-3

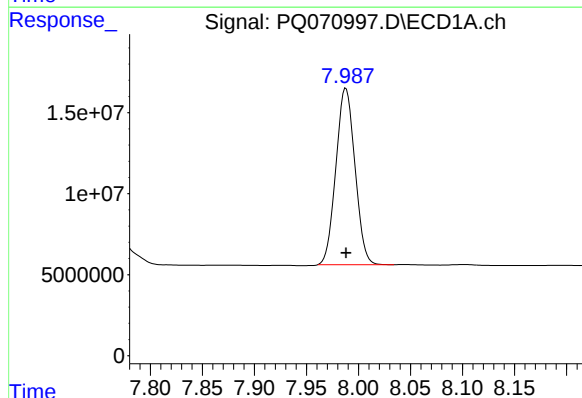
R.T.: 7.677 min  
Delta R.T.: 0.000 min  
Response: 320649152  
Conc: 751.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC750



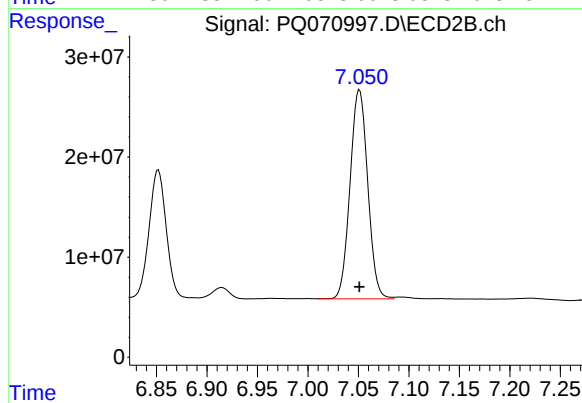
#43 AR-1268-3

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 577309161  
Conc: 754.53 ng/ml



#44 AR-1268-4

R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 139148391  
Conc: 752.79 ng/ml



#44 AR-1268-4

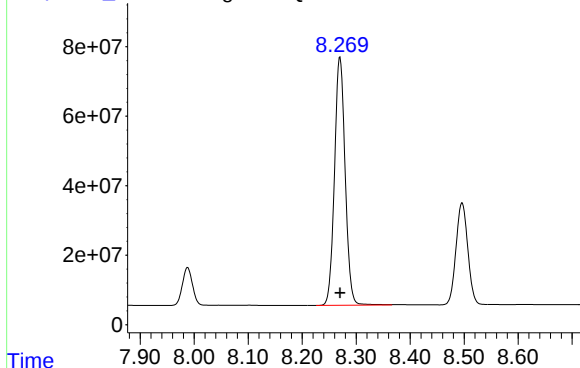
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 254605180  
Conc: 752.33 ng/ml

Response\_

Signal: PQ070997.D\ECD1A.ch

#45 AR-1268-5

ICAL Form



R.T.: 8.270 min  
Delta R.T.: 0.000 min  
Response: 981007723  
Conc: 752.20 ng/ml

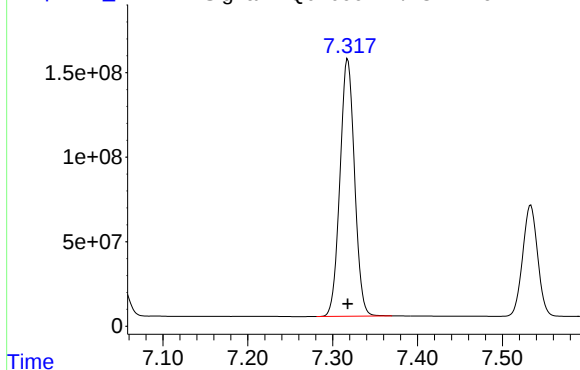
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC750

Time

Response\_

Signal: PQ070997.D\ECD2B.ch

#45 AR-1268-5



R.T.: 7.318 min  
Delta R.T.: 0.000 min  
Response: 1816697371  
Conc: 753.88 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070998.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 16:13  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 16:41:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 16:41:42 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...          | 3.401 | 2.778 | 245.8E6  | 286.7E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.497 | 7.533 | 301.9E6  | 547.1E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 7.418 | 6.501 | 291.7E6  | 486.8E6  | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 7.496 | 6.564 | 267.0E6  | 450.3E6  | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 7.677 | 6.763 | 218.3E6  | 389.8E6  | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 7.988 | 7.051 | 94812460 | 172.8E6  | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 8.271 | 7.318 | 660.7E6  | 1216.2E6 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

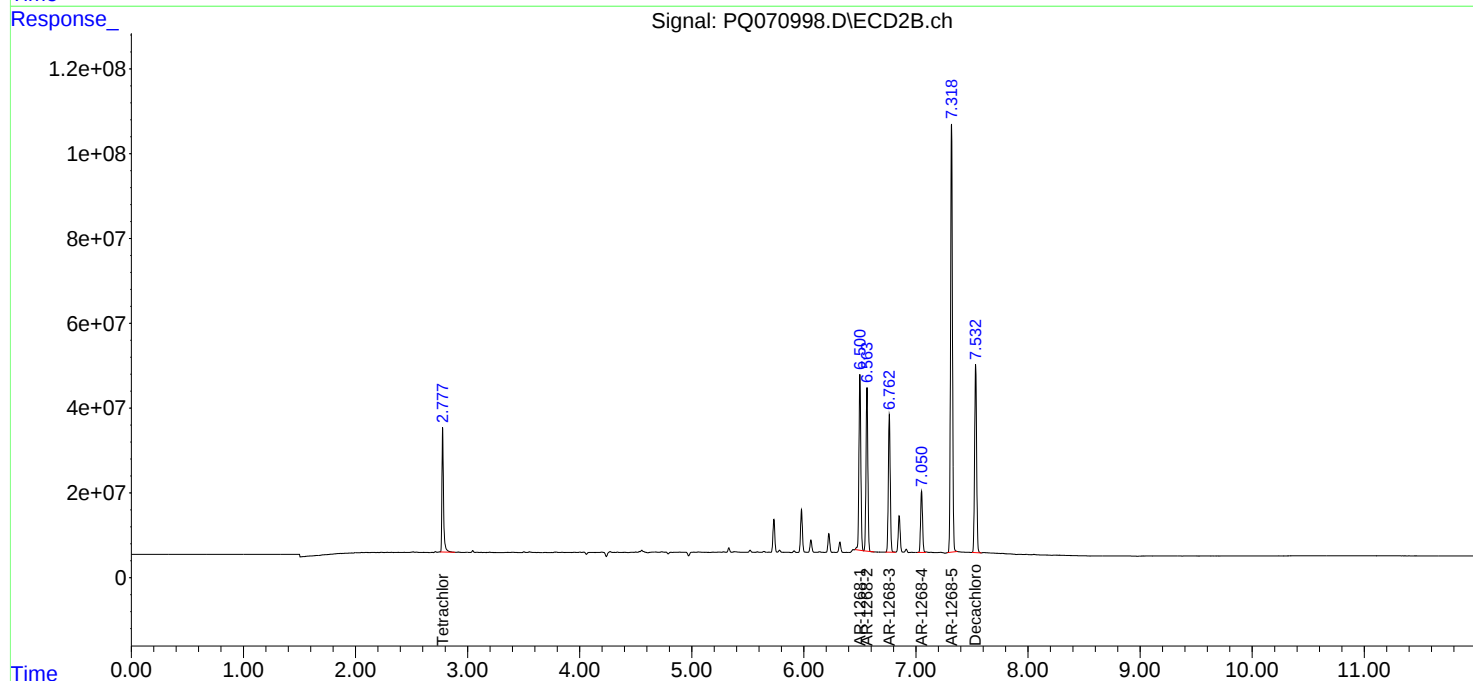
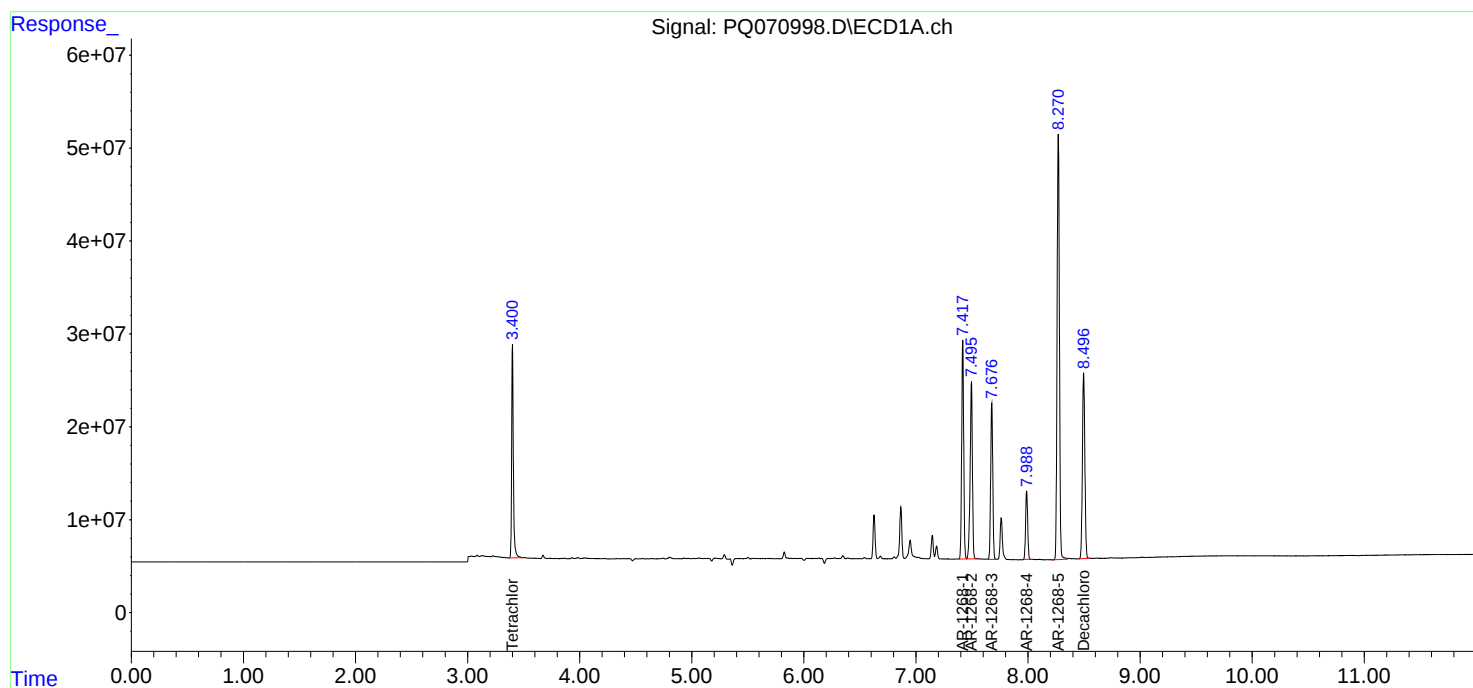
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070998.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 16:13  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

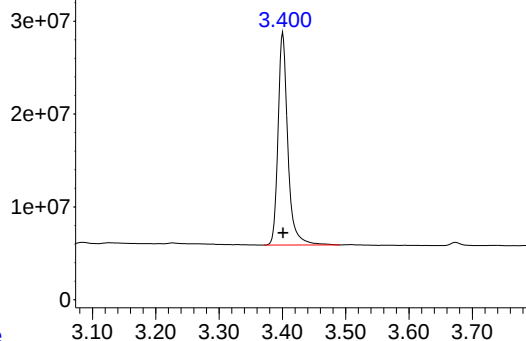
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 16:41:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 16:41:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PQ070998.D\ECD1A.ch

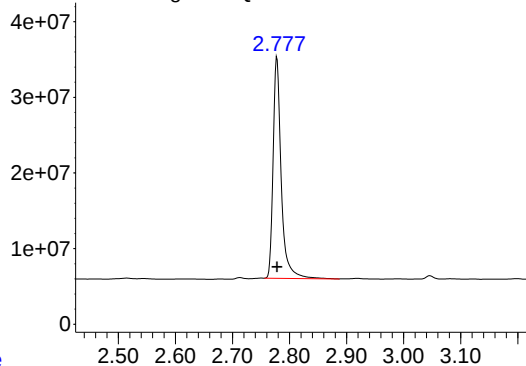


#1 Tetrachloro-m-xylene

R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 245811296  
Conc: 50.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC500

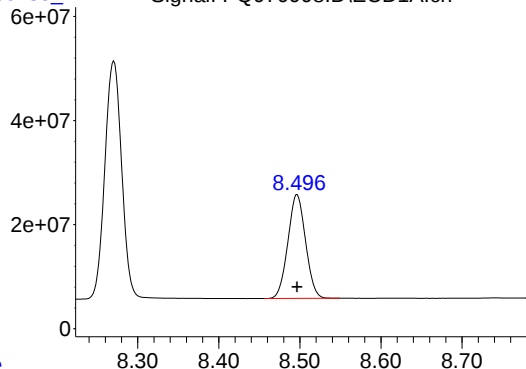
Time Response\_ Signal: PQ070998.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 286653182  
Conc: 50.00 ng/ml

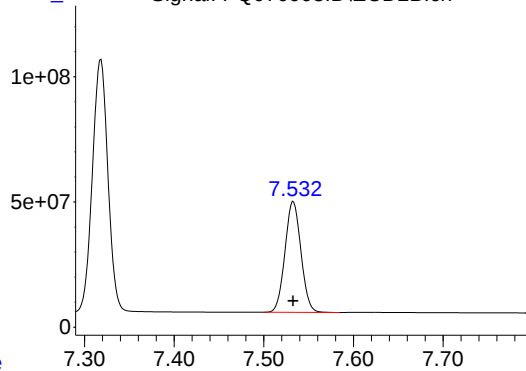
Time Response\_ Signal: PQ070998.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 301868295  
Conc: 50.00 ng/ml

Time Response\_ Signal: PQ070998.D\ECD2B.ch



#2 Decachlorobiphenyl

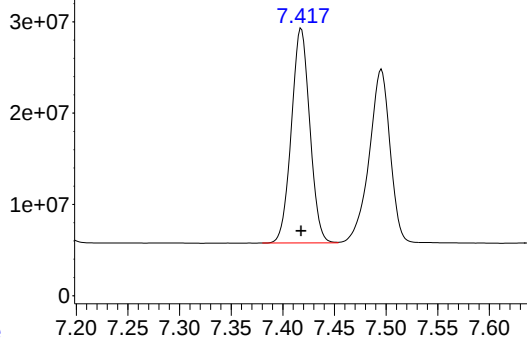
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 547076079  
Conc: 50.00 ng/ml

Response\_

Signal: PQ070998.D\ECD1A.ch

#41 AR-1268-1

ICAL Form



R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 291682733  
Conc: 500.00 ng/ml

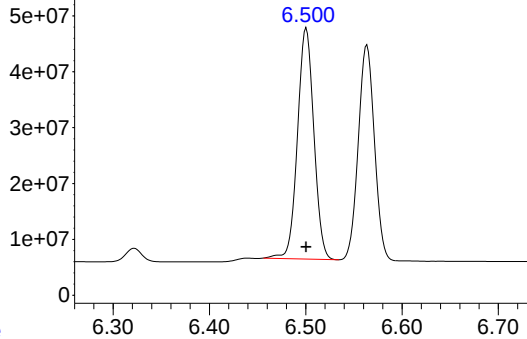
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC500

Time

Response\_

Signal: PQ070998.D\ECD2B.ch

#41 AR-1268-1



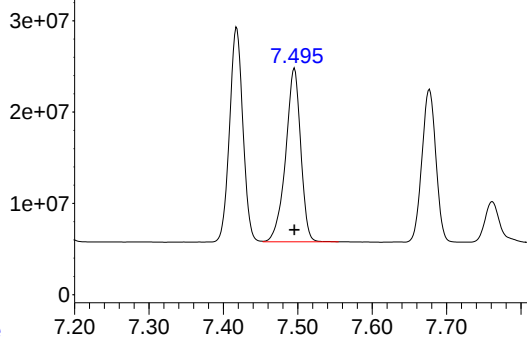
R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 486826354  
Conc: 500.00 ng/ml

Time

Response\_

Signal: PQ070998.D\ECD1A.ch

#42 AR-1268-2



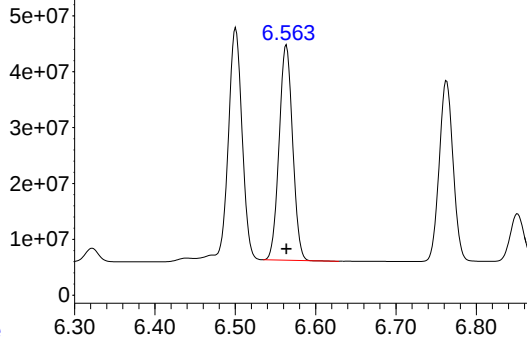
R.T.: 7.496 min  
Delta R.T.: 0.000 min  
Response: 267037614  
Conc: 500.00 ng/ml

Time

Response\_

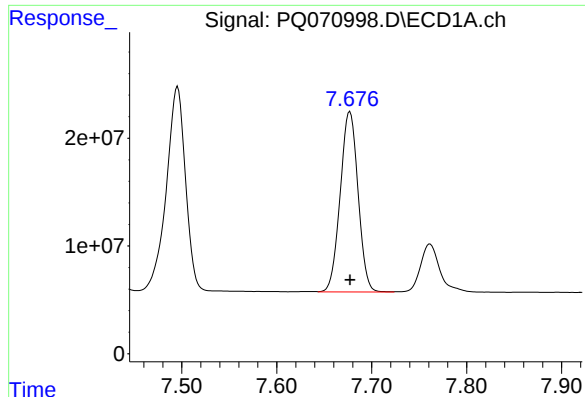
Signal: PQ070998.D\ECD2B.ch

#42 AR-1268-2



R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 450297458  
Conc: 500.00 ng/ml

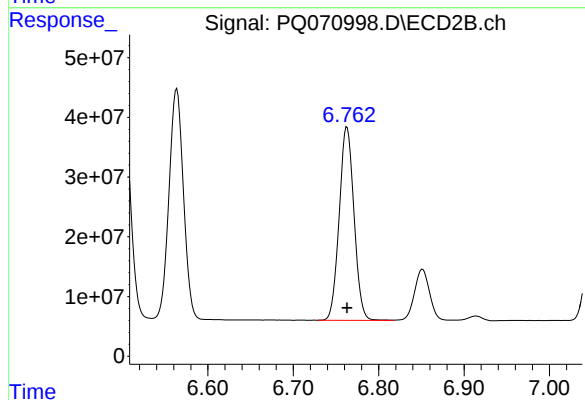
Time



#43 AR-1268-3

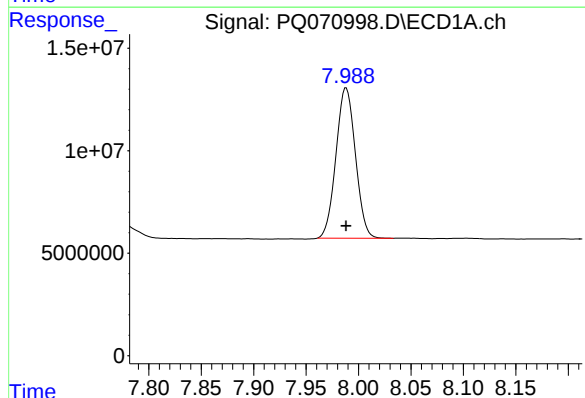
R.T.: 7.677 min  
Delta R.T.: 0.000 min  
Response: 218323049  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC500



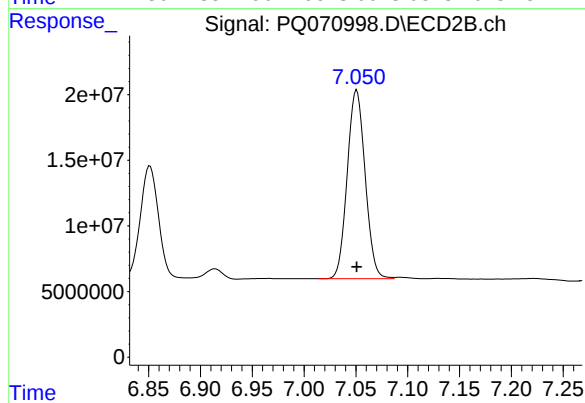
#43 AR-1268-3

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 389807807  
Conc: 500.00 ng/ml



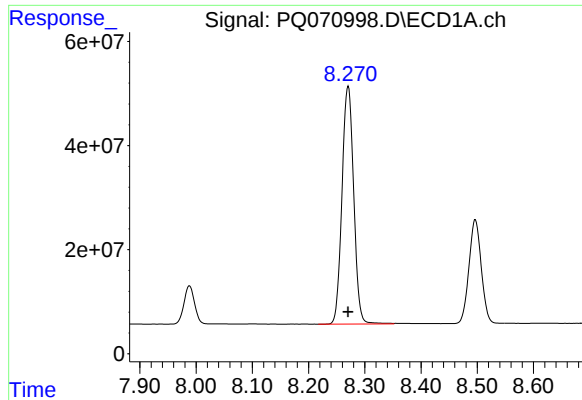
#44 AR-1268-4

R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 94812460  
Conc: 500.00 ng/ml



#44 AR-1268-4

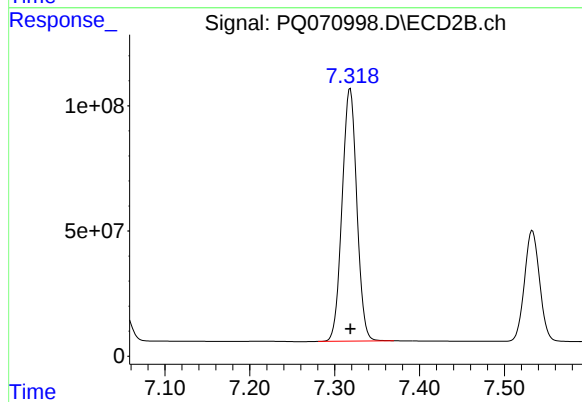
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 172818331  
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.271 min  
Delta R.T.: 0.000 min  
Response: 660690181  
Conc: 500.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC500



#45 AR-1268-5

R.T.: 7.318 min  
Delta R.T.: 0.000 min  
Response: 1216236053  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ070999.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 16:28  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 16:50:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 16:41:42 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...          | 3.400 | 2.778 | 124.1E6  | 145.7E6  | 25.476  | 25.482  |
| 2) SA Decachlor...          | 8.496 | 7.533 | 154.8E6  | 281.7E6  | 25.909  | 25.997  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 7.418 | 6.500 | 149.5E6  | 243.6E6  | 258.947 | 253.674 |
| 42) L9 AR-1268-2            | 7.495 | 6.563 | 136.5E6  | 226.7E6  | 258.257 | 254.883 |
| 43) L9 AR-1268-3            | 7.677 | 6.763 | 110.8E6  | 198.0E6  | 257.143 | 256.485 |
| 44) L9 AR-1268-4            | 7.988 | 7.051 | 48417432 | 89098499 | 258.848 | 259.826 |
| 45) L9 AR-1268-5            | 8.270 | 7.317 | 331.6E6  | 607.0E6  | 253.196 | 251.413 |
| -----                       |       |       |          |          |         |         |

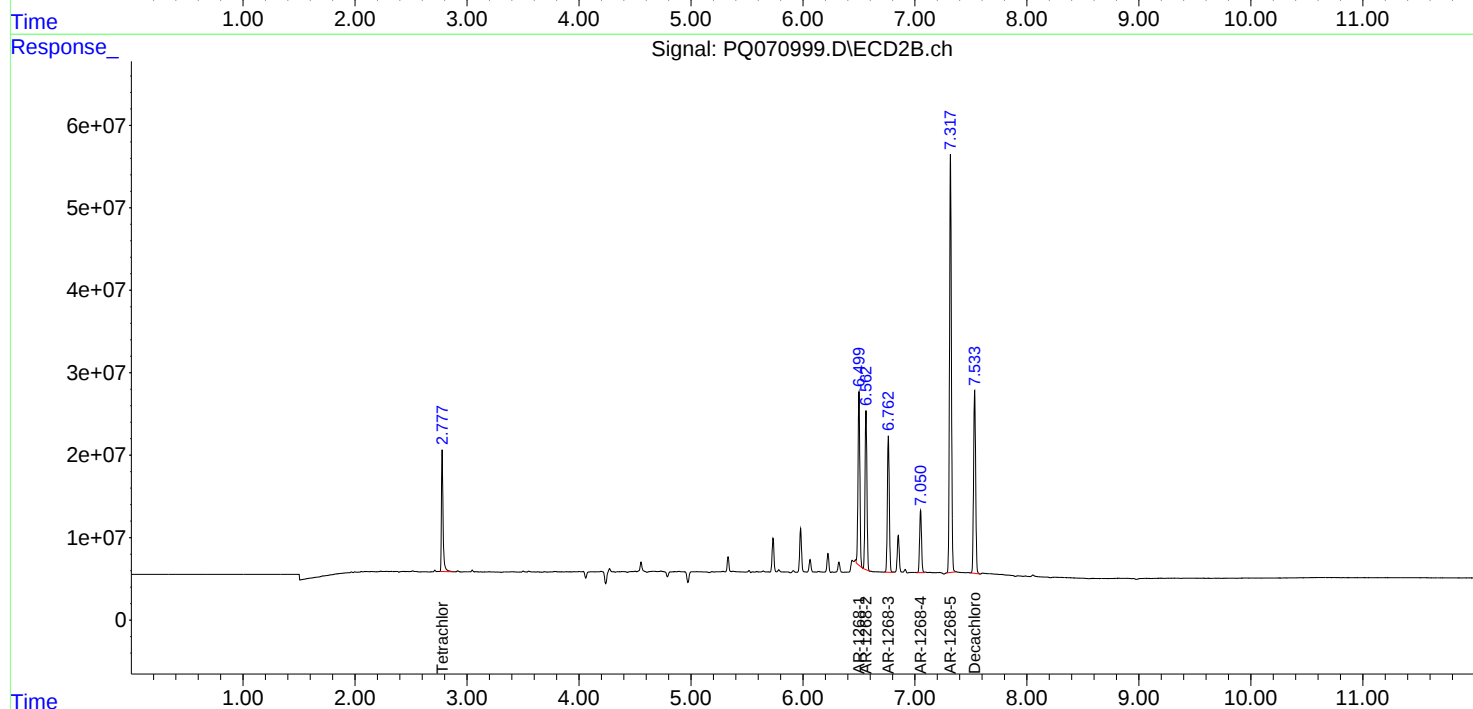
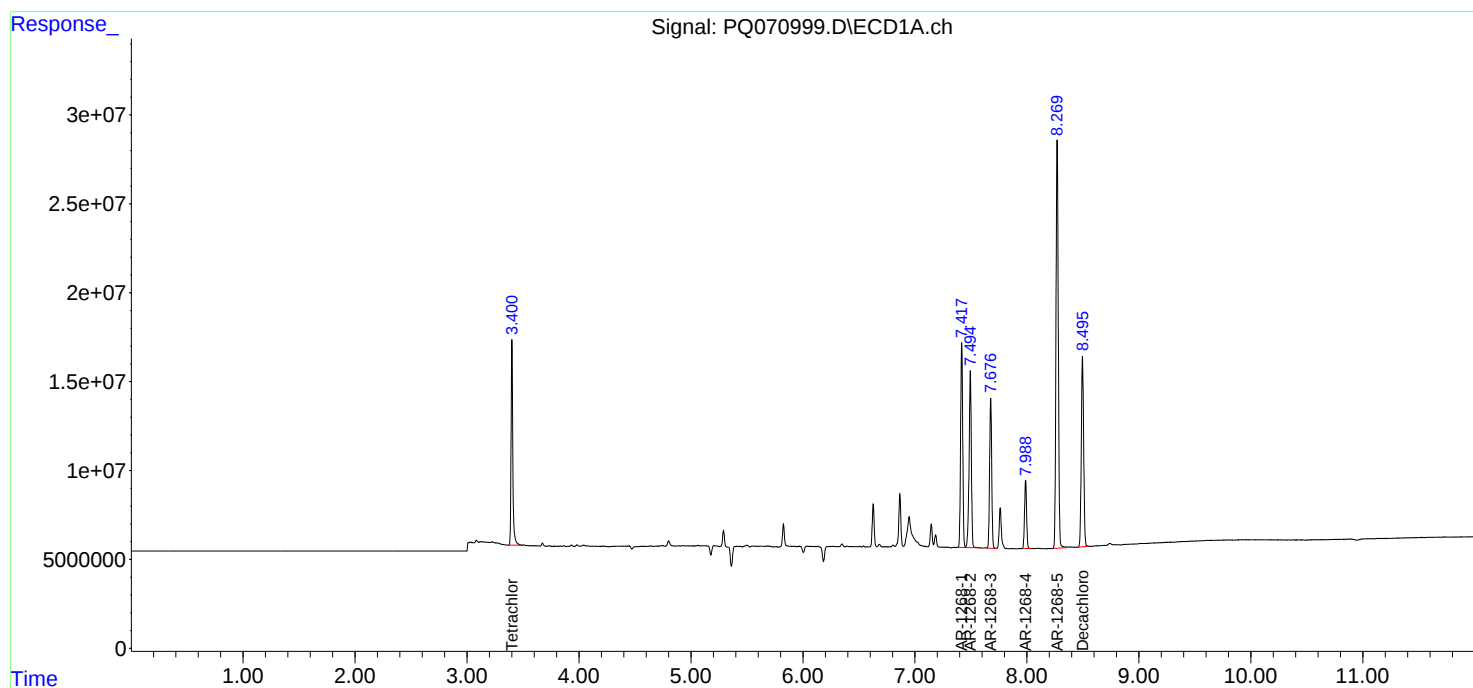
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

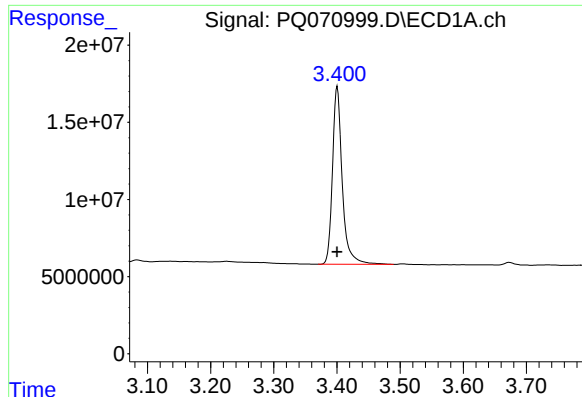
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070999.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 16:28  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 16:50:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 16:41:42 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

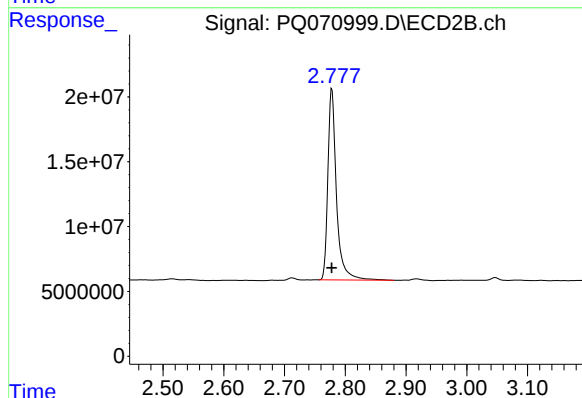




## #1 Tetrachloro-m-xylene

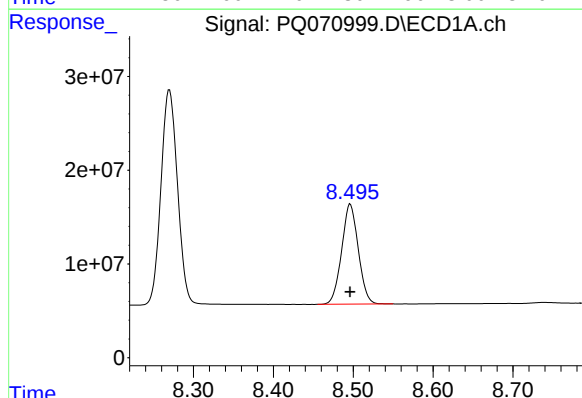
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 124113048  
Conc: 25.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC250



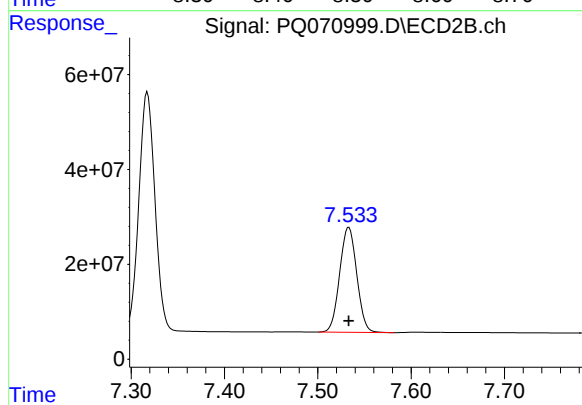
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 145711594  
Conc: 25.48 ng/ml



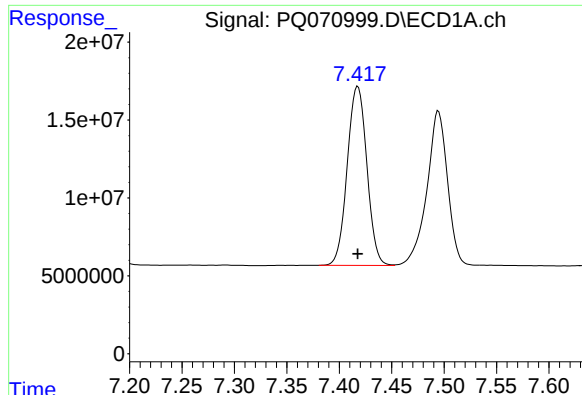
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 154811101  
Conc: 25.91 ng/ml



## #2 Decachlorobiphenyl

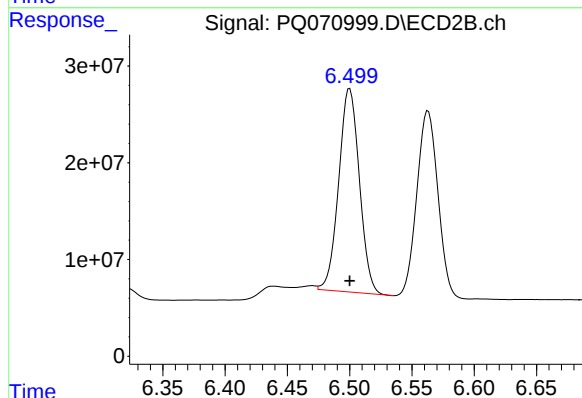
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 281733949  
Conc: 26.00 ng/ml



#41 AR-1268-1

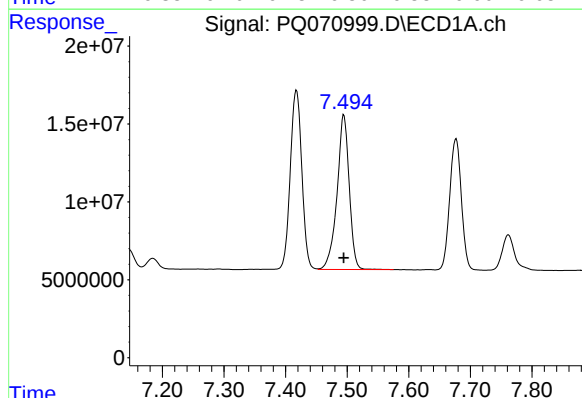
R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 149503784  
Conc: 258.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC250



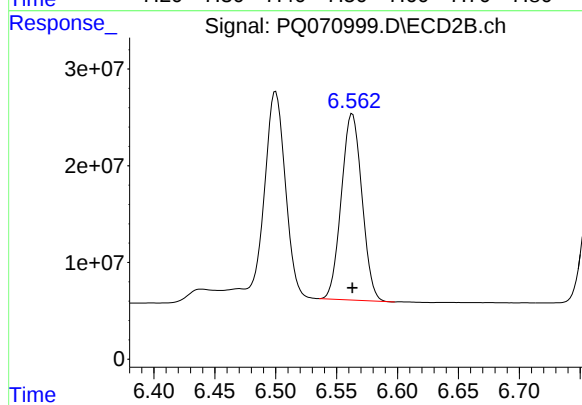
#41 AR-1268-1

R.T.: 6.500 min  
Delta R.T.: 0.000 min  
Response: 243605830  
Conc: 253.67 ng/ml



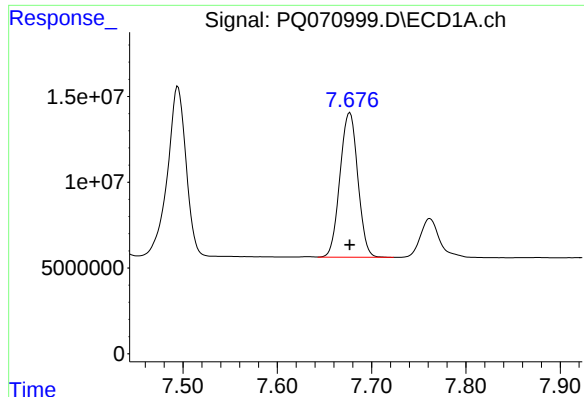
#42 AR-1268-2

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 136525117  
Conc: 258.26 ng/ml



#42 AR-1268-2

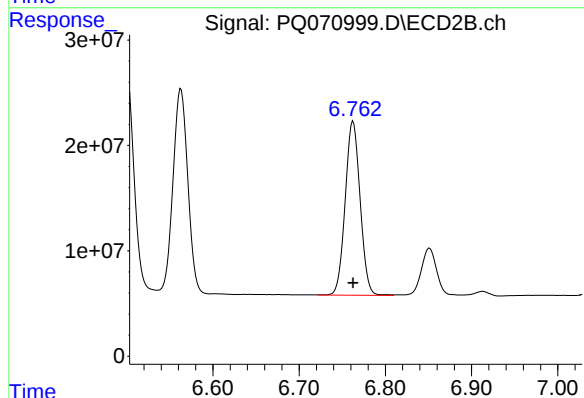
R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 226675271  
Conc: 254.88 ng/ml



#43 AR-1268-3

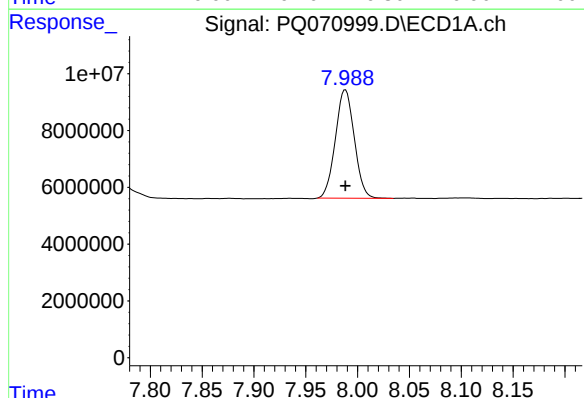
R.T.: 7.677 min  
Delta R.T.: 0.000 min  
Response: 110831298  
Conc: 257.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC250



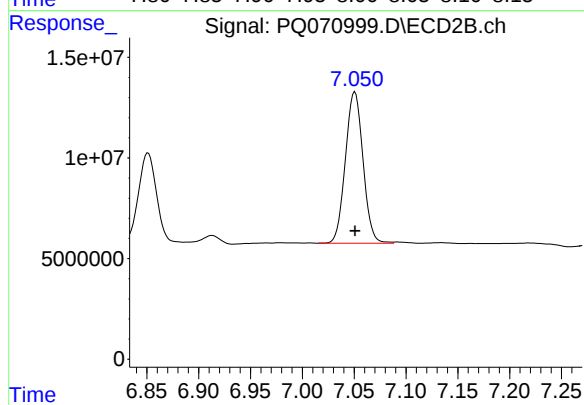
#43 AR-1268-3

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 197955027  
Conc: 256.49 ng/ml



#44 AR-1268-4

R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 48417432  
Conc: 258.85 ng/ml



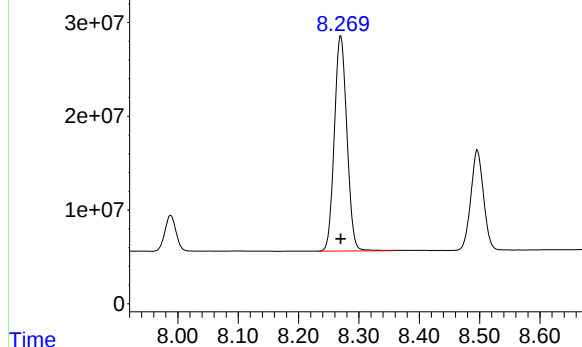
#44 AR-1268-4

R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 89098499  
Conc: 259.83 ng/ml

Response\_

Signal: PQ070999.D\ECD1A.ch

#45 AR-1268-5



R.T.: 8.270 min  
Delta R.T.: 0.000 min  
Response: 331628529  
Conc: 253.20 ng/ml

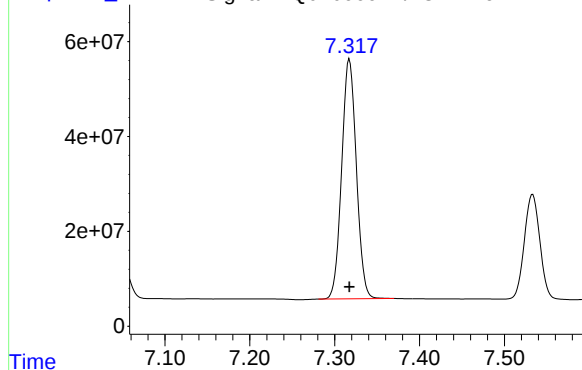
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC250

Time

Response\_

Signal: PQ070999.D\ECD2B.ch

#45 AR-1268-5



R.T.: 7.317 min  
Delta R.T.: 0.000 min  
Response: 606999218  
Conc: 251.41 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071000.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 16:43  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1268ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 17:16:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 17:16:19 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...          | 3.400 | 2.778 | 24662420 | 28347182 | 5.050  | 4.966  |
| 2) SA Decachlor...          | 8.497 | 7.533 | 31115212 | 59480232 | 5.165  | 5.383  |
|                             |       |       |          |          |        |        |
| Target Compounds            |       |       |          |          |        |        |
| 41) L9 AR-1268-1            | 7.418 | 6.500 | 30187398 | 51549310 | 51.812 | 52.901 |
| 42) L9 AR-1268-2            | 7.495 | 6.563 | 26994207 | 46812925 | 50.847 | 52.089 |
| 43) L9 AR-1268-3            | 7.676 | 6.763 | 22122982 | 41071128 | 51.057 | 52.539 |
| 44) L9 AR-1268-4            | 7.989 | 7.050 | 9507758  | 17547775 | 50.662 | 50.933 |
| 45) L9 AR-1268-5            | 8.271 | 7.317 | 65947884 | 122.2E6  | 50.280 | 50.497 |
| -----                       |       |       |          |          |        |        |

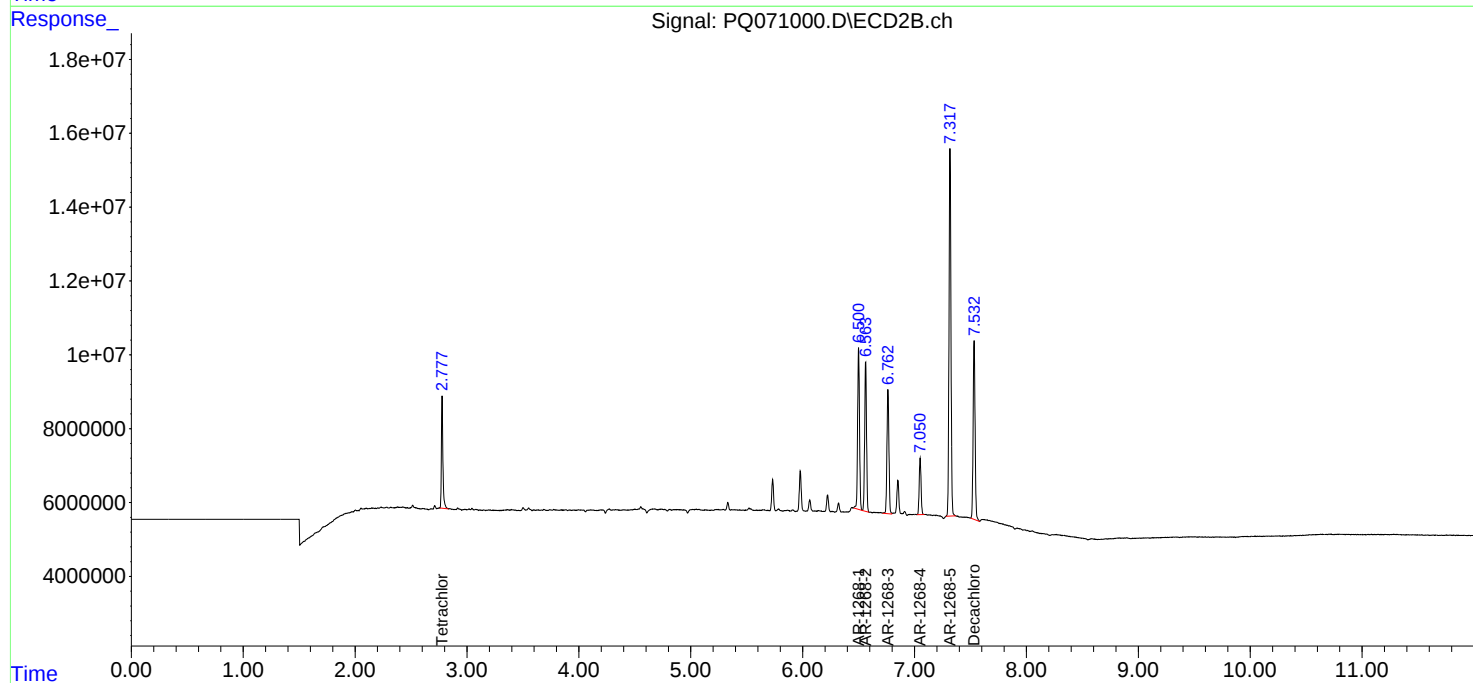
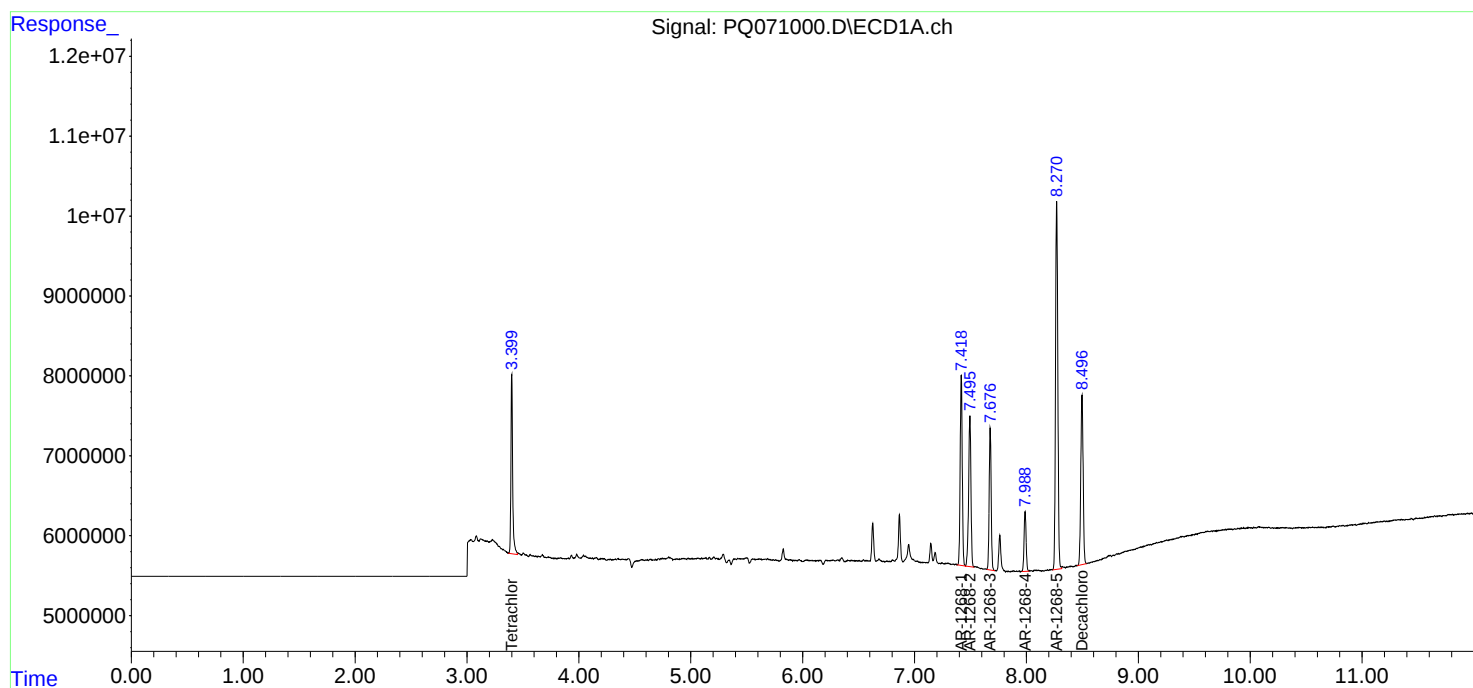
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

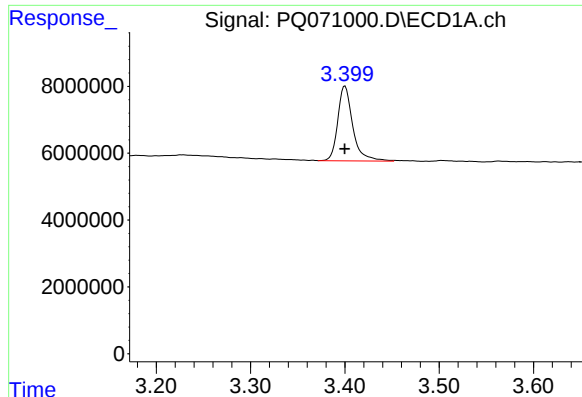
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071000.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 16:43  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 17:16:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 17:16:19 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

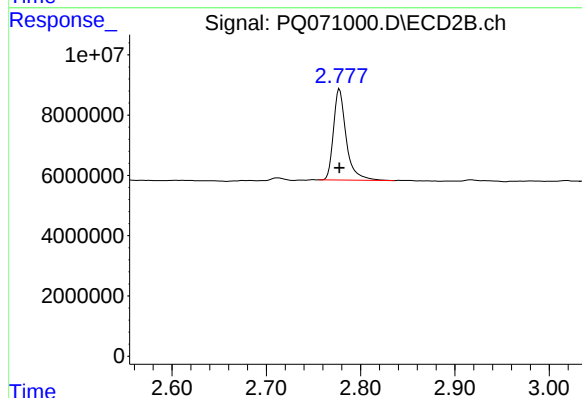




## #1 Tetrachloro-m-xylene

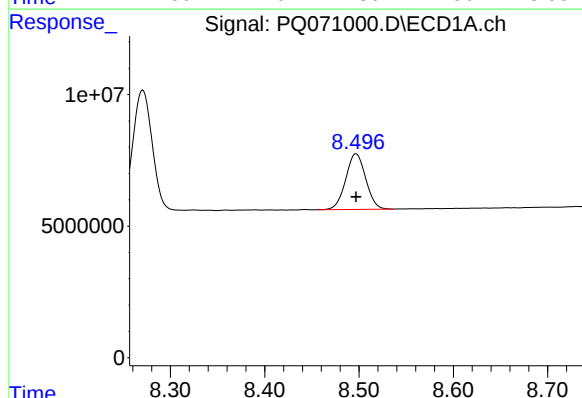
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 24662420  
Conc: 5.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC050



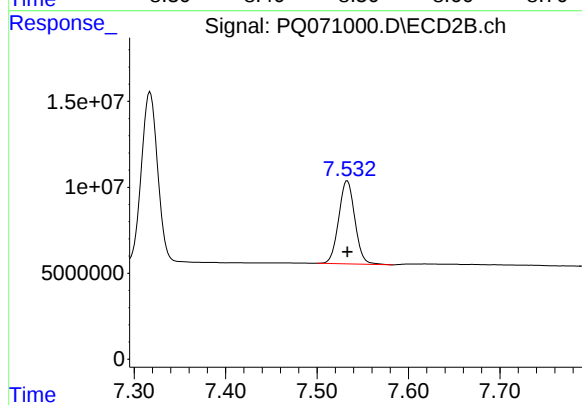
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 28347182  
Conc: 4.97 ng/ml



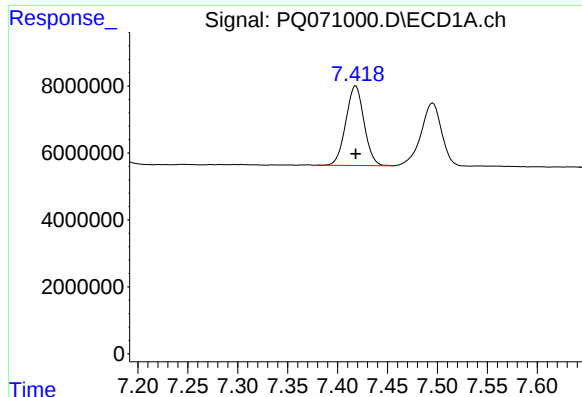
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 31115212  
Conc: 5.16 ng/ml



## #2 Decachlorobiphenyl

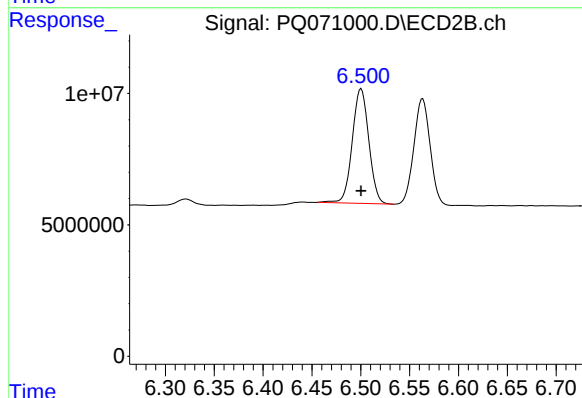
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 59480232  
Conc: 5.38 ng/ml



#41 AR-1268-1

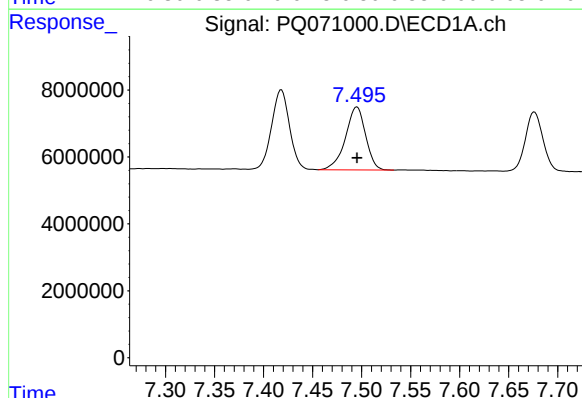
R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 30187398  
Conc: 51.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC050



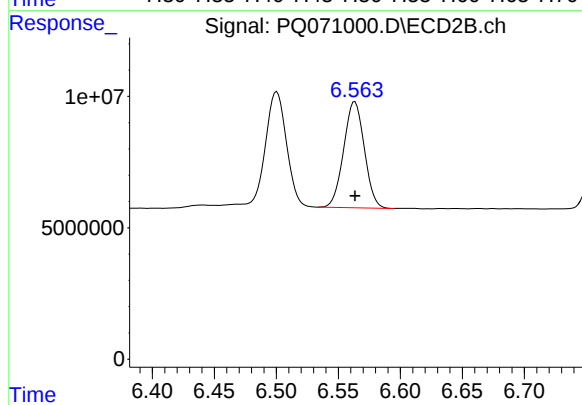
#41 AR-1268-1

R.T.: 6.500 min  
Delta R.T.: 0.000 min  
Response: 51549310  
Conc: 52.90 ng/ml



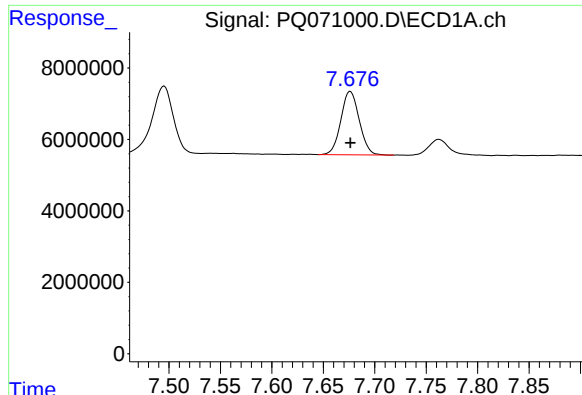
#42 AR-1268-2

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 26994207  
Conc: 50.85 ng/ml



#42 AR-1268-2

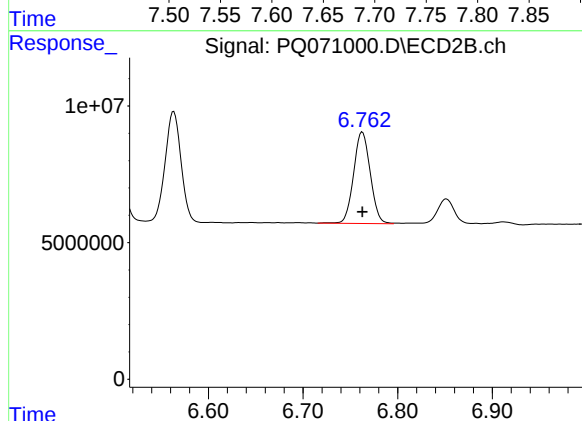
R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 46812925  
Conc: 52.09 ng/ml



#43 AR-1268-3

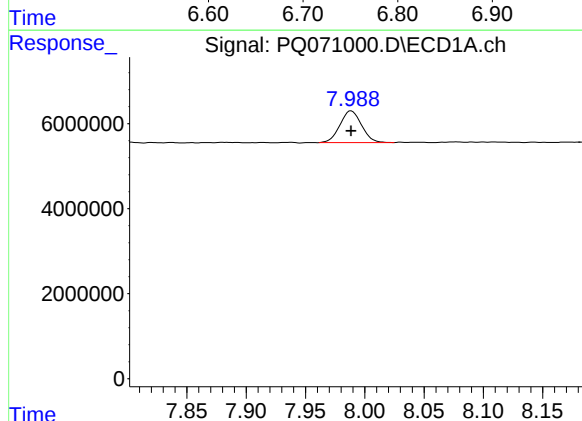
R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 22122982  
Conc: 51.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC050



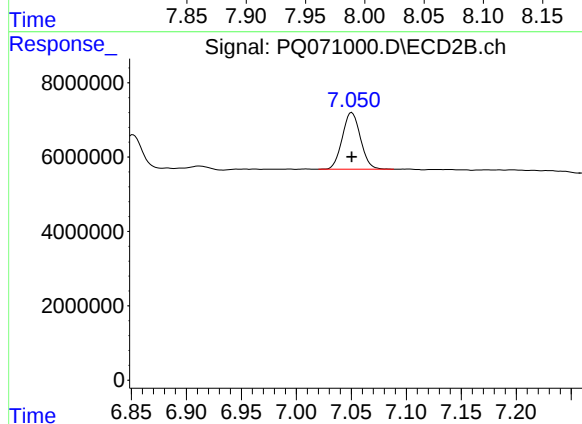
#43 AR-1268-3

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 41071128  
Conc: 52.54 ng/ml



#44 AR-1268-4

R.T.: 7.989 min  
Delta R.T.: 0.000 min  
Response: 9507758  
Conc: 50.66 ng/ml



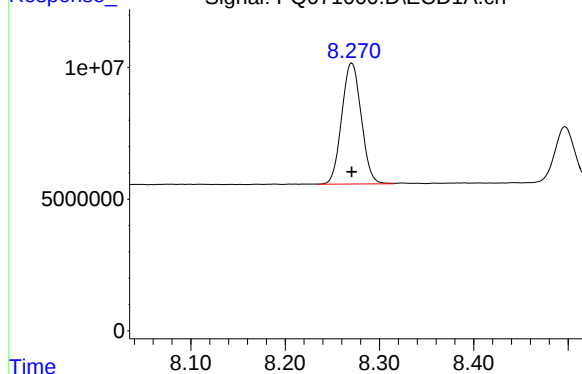
#44 AR-1268-4

R.T.: 7.050 min  
Delta R.T.: 0.000 min  
Response: 17547775  
Conc: 50.93 ng/ml

Response\_

Signal: PQ071000.D\ECD1A.ch

#45 AR-1268-5



R.T.: 8.271 min  
Delta R.T.: 0.000 min  
Response: 65947884  
Conc: 50.28 ng/ml

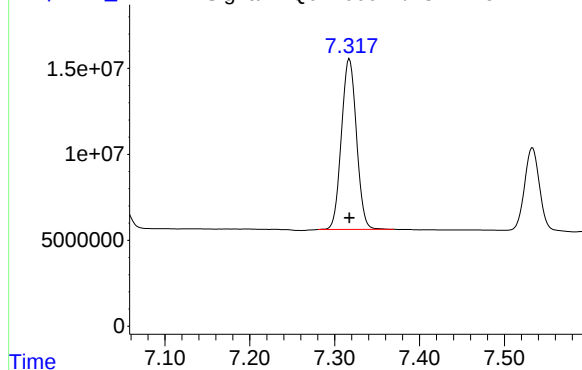
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1268ICC050

Time

Response\_

Signal: PQ071000.D\ECD2B.ch

#45 AR-1268-5



R.T.: 7.317 min  
Delta R.T.: 0.000 min  
Response: 122222176  
Conc: 50.50 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071001.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 16:57  
 Operator : YP\AJ  
 Sample : PQ101025ICV  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ101025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 17:29:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 10 17:24:38 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...          | 3.400 | 2.778 | 237.3E6  | 265.1E6  | 54.558   | 52.183   |
| 2) SA Decachlor...          | 8.497 | 7.533 | 168.1E6  | 302.1E6  | 57.872   | 59.825   |
| Target Compounds            |       |       |          |          |          |          |
| 3) L1 AR-1016-1             | 4.480 | 3.777 | 84536347 | 121.7E6  | 515.013  | 543.285m |
| 4) L1 AR-1016-2             | 4.499 | 3.792 | 137.9E6  | 157.0E6  | 537.936  | 461.544m |
| 5) L1 AR-1016-3             | 4.556 | 3.953 | 86370882 | 89605925 | 542.809  | 492.722m |
| 6) L1 AR-1016-4             | 4.646 | 4.001 | 72647096 | 77616175 | 559.128  | 493.075m |
| 7) L1 AR-1016-5             | 4.931 | 4.196 | 71678763 | 95334887 | 556.500  | 496.945m |
| 31) L7 AR-1260-1            | 6.019 | 5.188 | 124.6E6  | 179.0E6  | 531.360m | 496.698m |
| 32) L7 AR-1260-2            | 6.275 | 5.377 | 157.7E6  | 216.4E6  | 569.990m | 491.786m |
| 33) L7 AR-1260-3            | 6.627 | 5.518 | 115.0E6  | 195.1E6  | 576.989  | 470.083  |
| 34) L7 AR-1260-4            | 6.840 | 5.979 | 126.1E6  | 186.2E6  | 586.767  | 517.623  |
| 35) L7 AR-1260-5            | 7.146 | 6.224 | 259.3E6  | 433.0E6  | 597.827  | 515.349  |
| -----                       |       |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071001.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 16:57  
Operator : YP\AJ  
Sample : PQ101025ICV  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

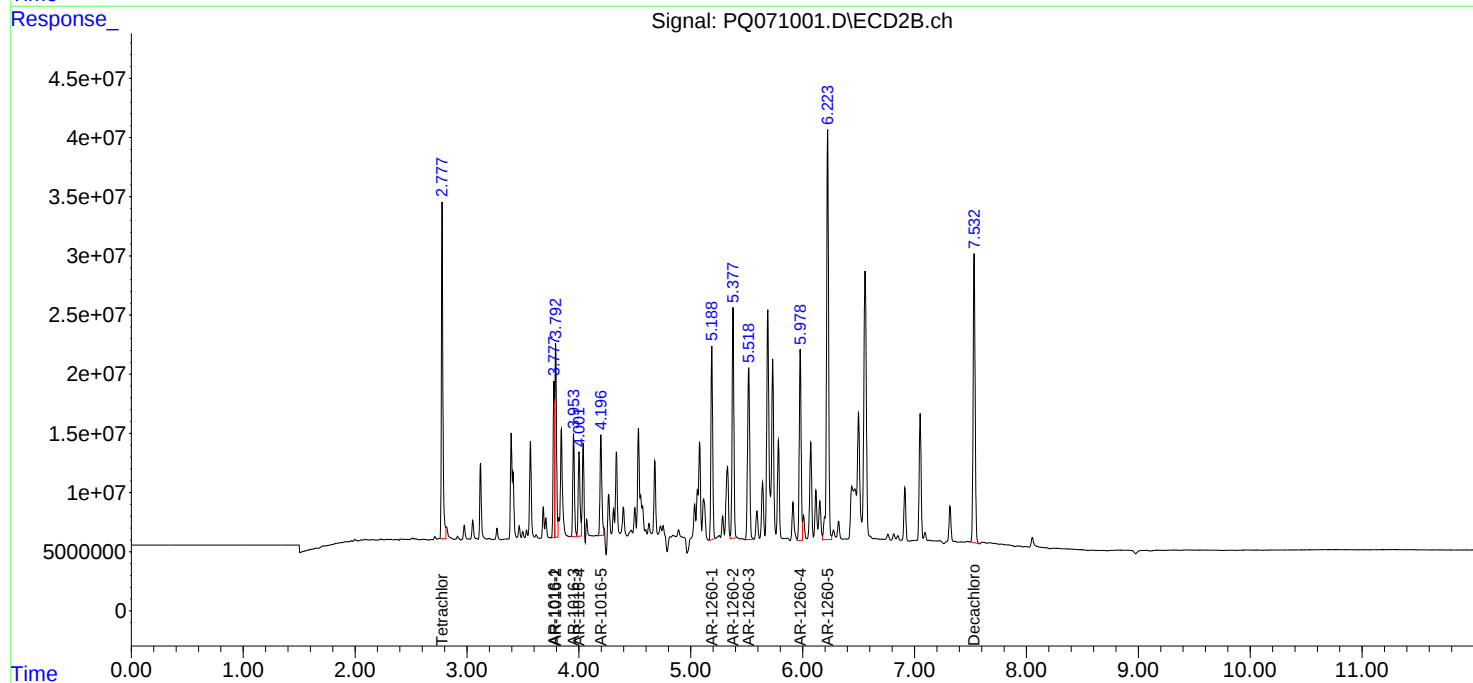
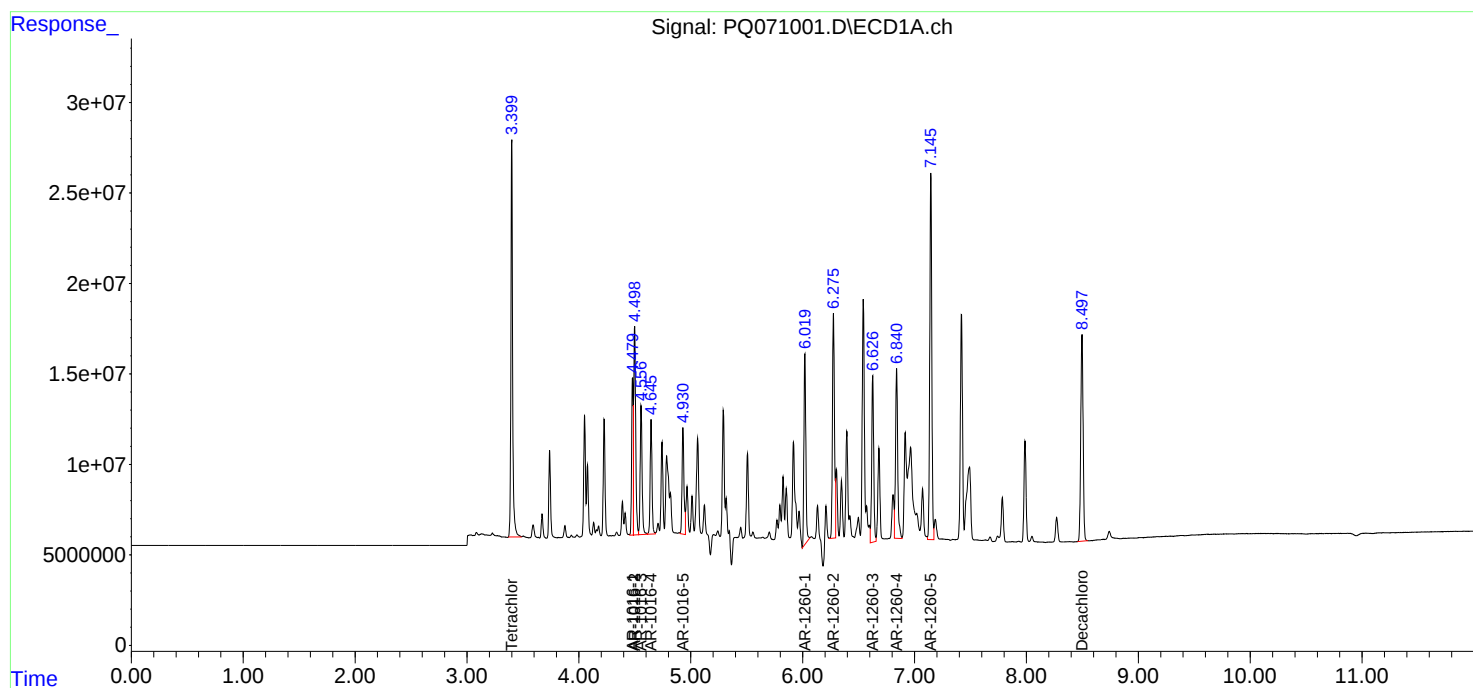
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

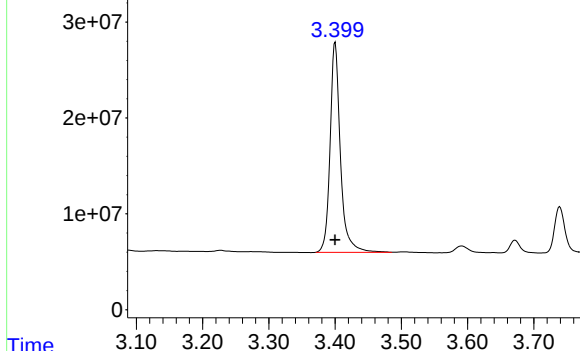
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 17:29:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 17:24:38 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





R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 237342010  
Conc: 54.56 ng/ml

Instrument :

ECD\_Q

ClientSampleId :

ICVPQ101025

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2025

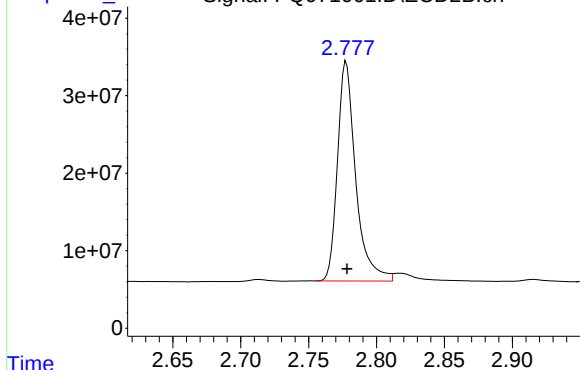
Supervised By :mohammad ahmed 10/14/2025

Time

Response\_

Signal: PQ071001.D\ECD2B.ch

#1 Tetrachloro-m-xylene



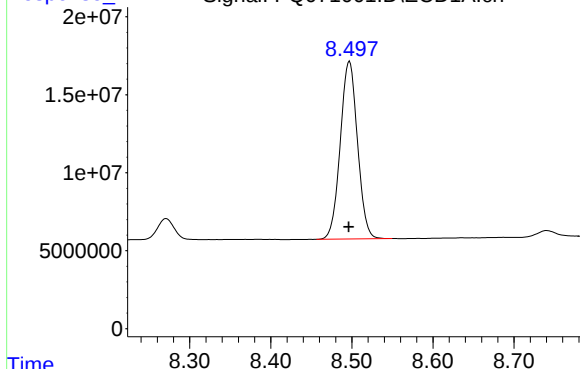
R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 265088435  
Conc: 52.18 ng/ml

Time

Response\_

Signal: PQ071001.D\ECD1A.ch

#2 Decachlorobiphenyl



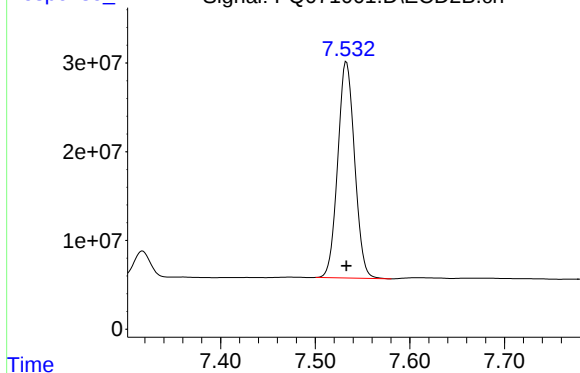
R.T.: 8.497 min  
Delta R.T.: 0.001 min  
Response: 168058544  
Conc: 57.87 ng/ml

Time

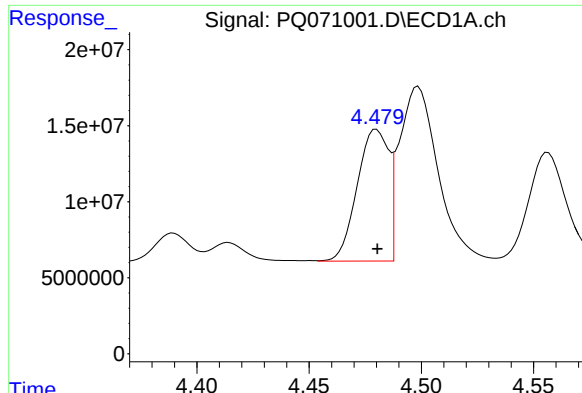
Response\_

Signal: PQ071001.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 302090515  
Conc: 59.83 ng/ml



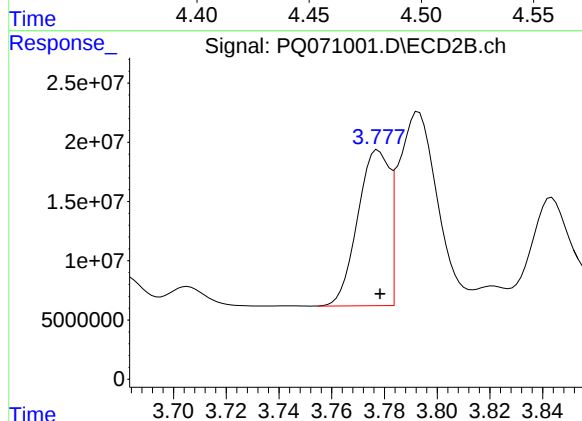
#3 AR-1016-1

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 84536347  
Conc: 515.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

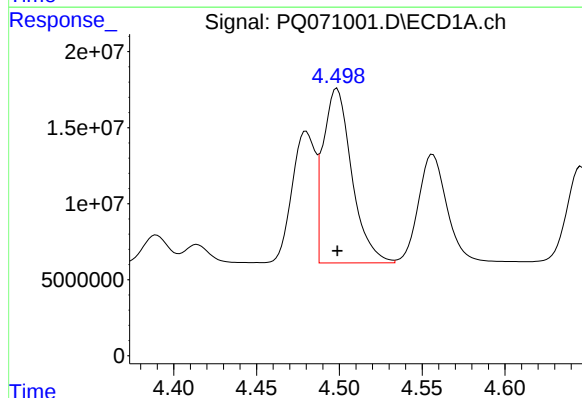
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



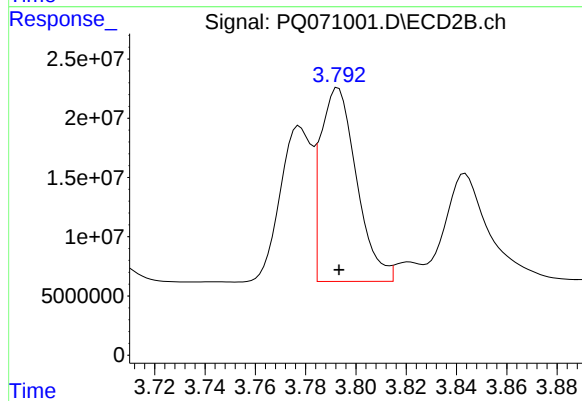
#3 AR-1016-1

R.T.: 3.777 min  
Delta R.T.: -0.001 min  
Response: 121697010  
Conc: 543.29 ng/ml m



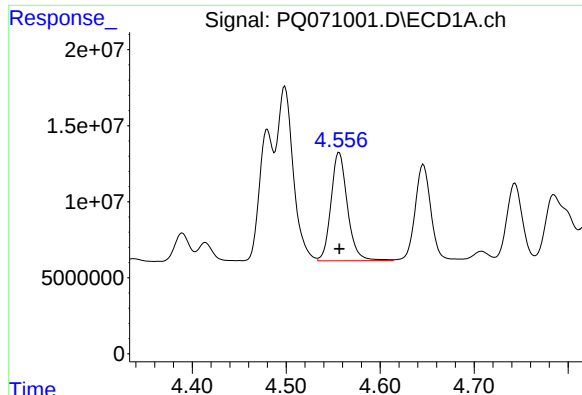
#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 137870017  
Conc: 537.94 ng/ml



#4 AR-1016-2

R.T.: 3.792 min  
Delta R.T.: -0.001 min  
Response: 156981599  
Conc: 461.54 ng/ml m



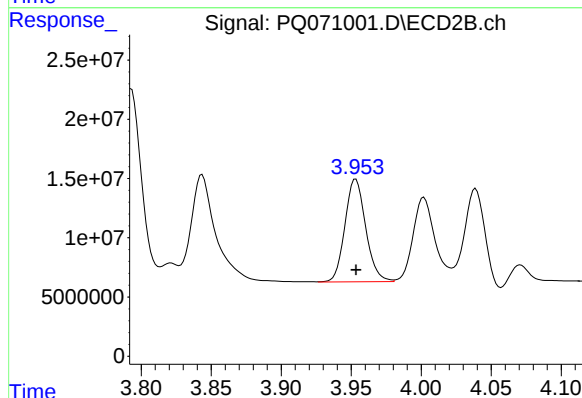
#5 AR-1016-3

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 86370882  
Conc: 542.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

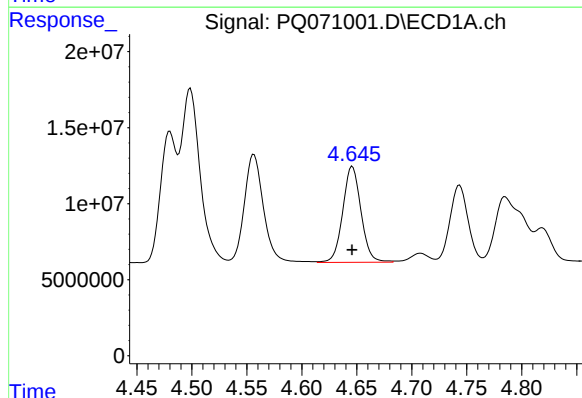
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



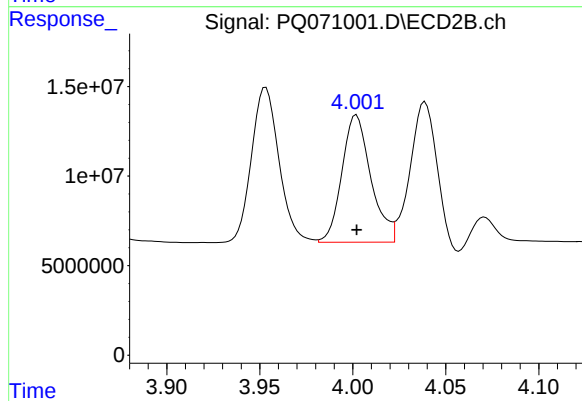
#5 AR-1016-3

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 89605925  
Conc: 492.72 ng/ml m



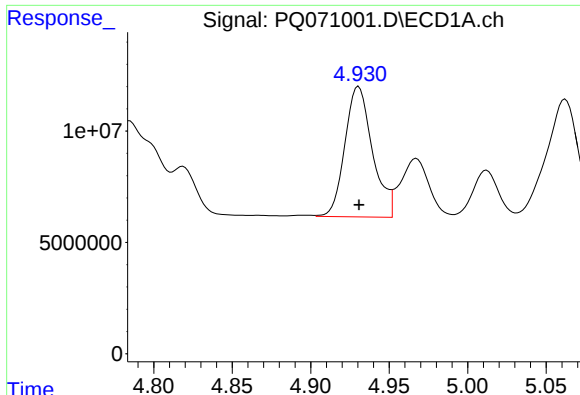
#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 72647096  
Conc: 559.13 ng/ml



#6 AR-1016-4

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 77616175  
Conc: 493.07 ng/ml m



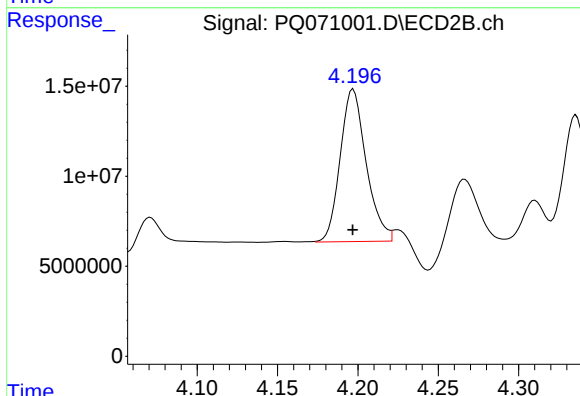
#7 AR-1016-5

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 71678763  
Conc: 556.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

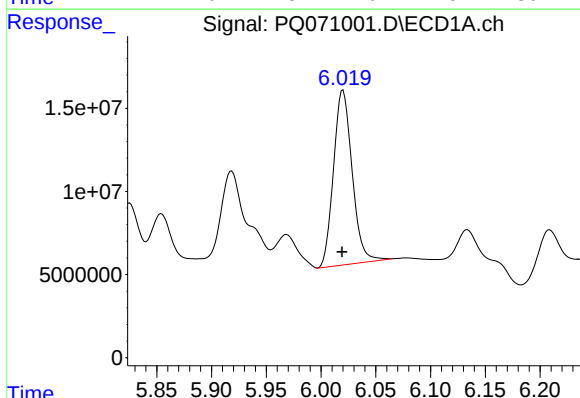
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



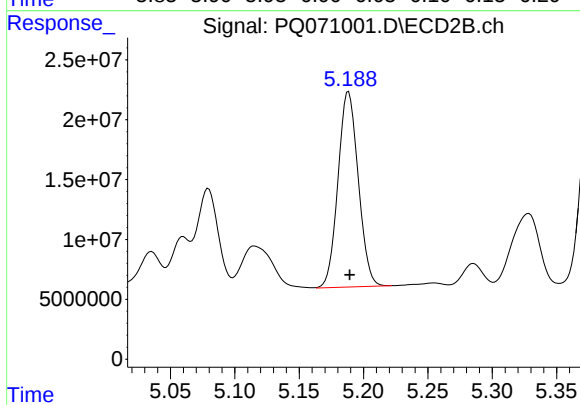
#7 AR-1016-5

R.T.: 4.196 min  
Delta R.T.: 0.000 min  
Response: 95334887  
Conc: 496.95 ng/ml m



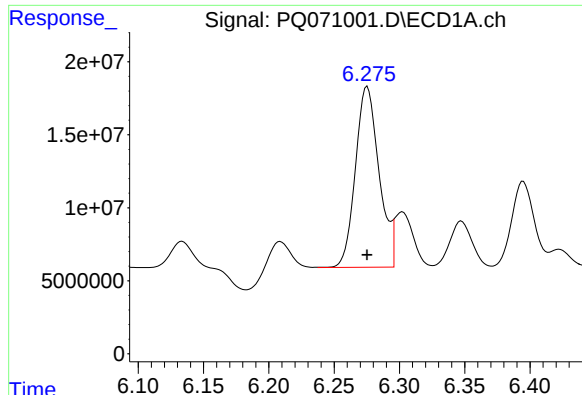
#31 AR-1260-1

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 124588657  
Conc: 531.36 ng/ml m



#31 AR-1260-1

R.T.: 5.188 min  
Delta R.T.: -0.002 min  
Response: 179013037  
Conc: 496.70 ng/ml m



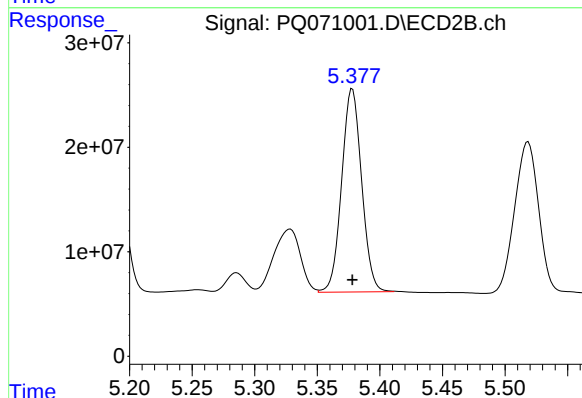
#32 AR-1260-2

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 157664225  
Conc: 569.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

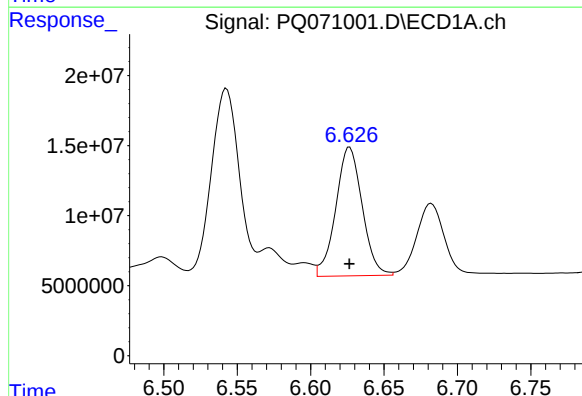
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



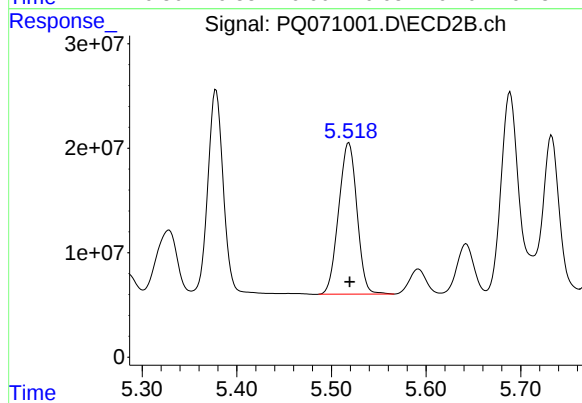
#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 216382734  
Conc: 491.79 ng/ml m



#33 AR-1260-3

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 114998797  
Conc: 576.99 ng/ml



#33 AR-1260-3

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 195084285  
Conc: 470.08 ng/ml

Response\_ Signal: PQ071001.D\ECD1A.ch

#34 AR-1260-4

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 126086390  
Conc: 586.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025

Manual Integrations  
APPROVED

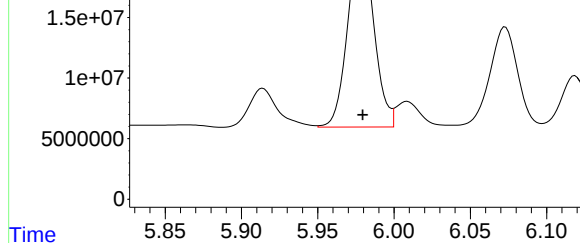
Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Time 6.65 6.70 6.75 6.80 6.85 6.90 6.95 7.00

Response\_ Signal: PQ071001.D\ECD2B.ch

#34 AR-1260-4

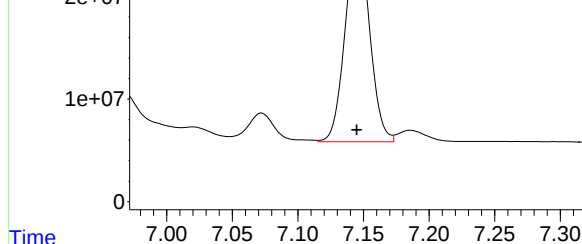
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 186221665  
Conc: 517.62 ng/ml



Response\_ Signal: PQ071001.D\ECD1A.ch

#35 AR-1260-5

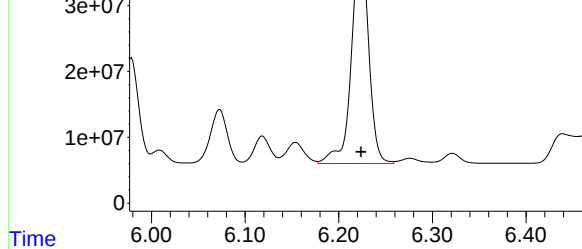
R.T.: 7.146 min  
Delta R.T.: 0.001 min  
Response: 259323595  
Conc: 597.83 ng/ml



Response\_ Signal: PQ071001.D\ECD2B.ch

#35 AR-1260-5

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 433038147  
Conc: 515.35 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071002.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 17:41  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ101025AR1242

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 01:19:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:16:43 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...          | 3.400 | 2.778 | 255.6E6  | 301.0E6  | 55.692  | 54.076   |
| 2) SA Decachlor...          | 8.496 | 7.534 | 182.2E6  | 328.4E6  | 55.793  | 58.440   |
| Target Compounds            |       |       |          |          |         |          |
| 16) L4 AR-1242-1            | 4.480 | 3.778 | 67446984 | 88802083 | 567.010 | 545.258  |
| 17) L4 AR-1242-2            | 4.499 | 3.793 | 106.5E6  | 130.9E6  | 558.407 | 542.137  |
| 18) L4 AR-1242-3            | 4.556 | 3.952 | 65846450 | 69528801 | 553.814 | 527.451m |
| 19) L4 AR-1242-4            | 4.646 | 4.039 | 55324188 | 66246241 | 555.710 | 578.219  |
| 20) L4 AR-1242-5            | 5.349 | 4.534 | 35965359 | 88786139 | 456.866 | 509.855  |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071002.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 17:41  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

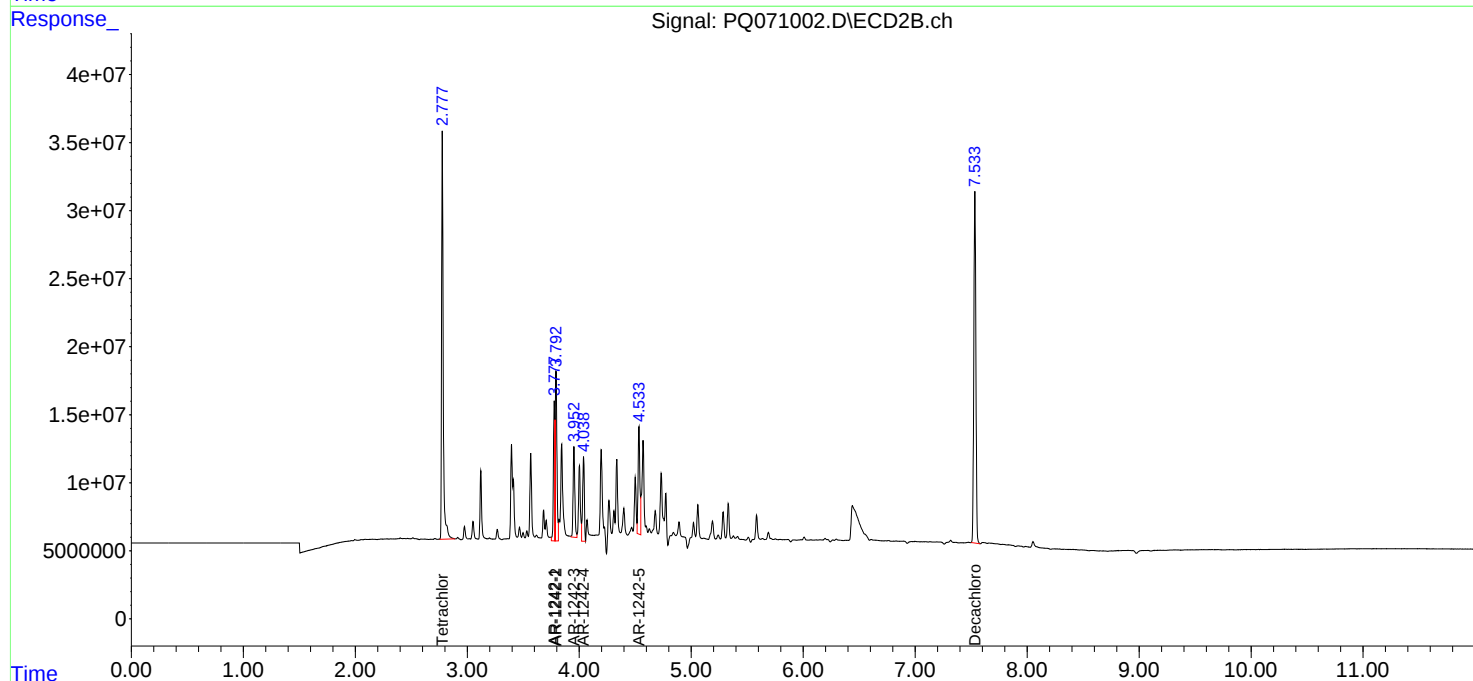
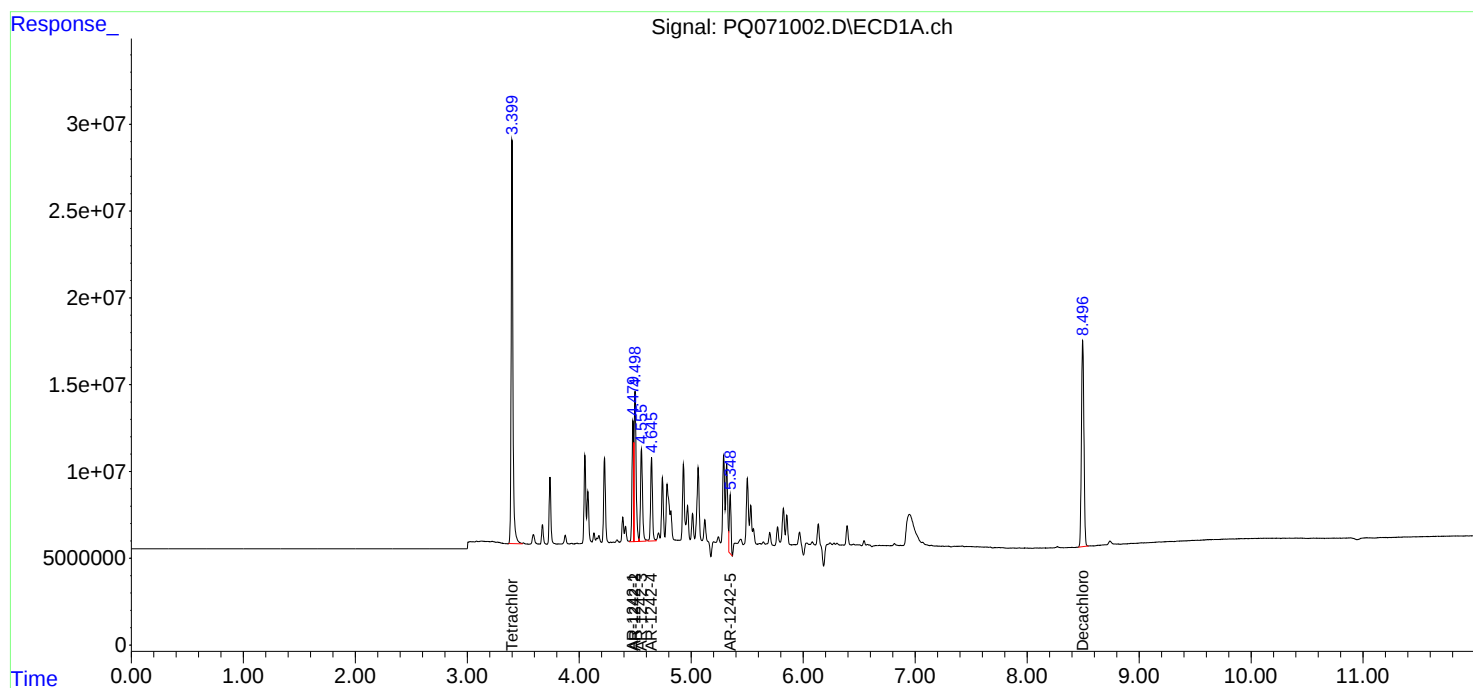
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1242

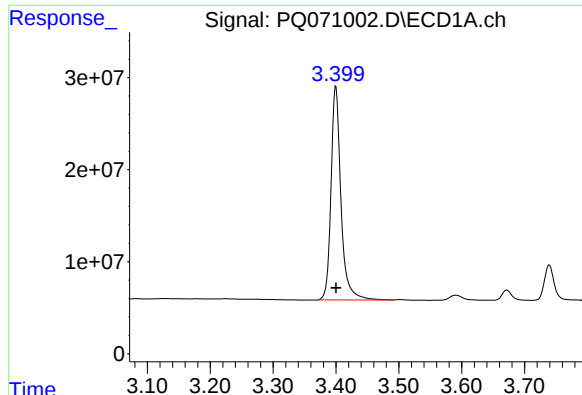
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 01:19:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:16:43 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





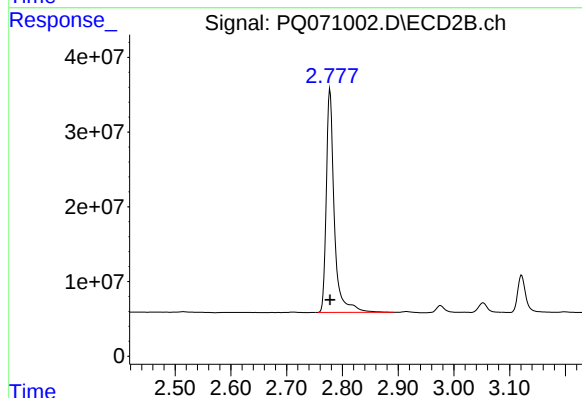
## #1 Tetrachloro-m-xylene

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 255633420  
Conc: 55.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1242

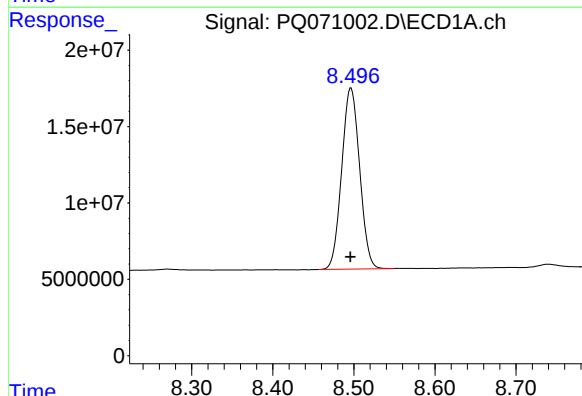
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



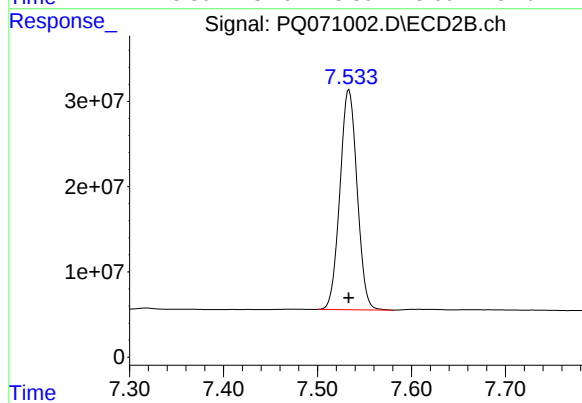
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 301010208  
Conc: 54.08 ng/ml



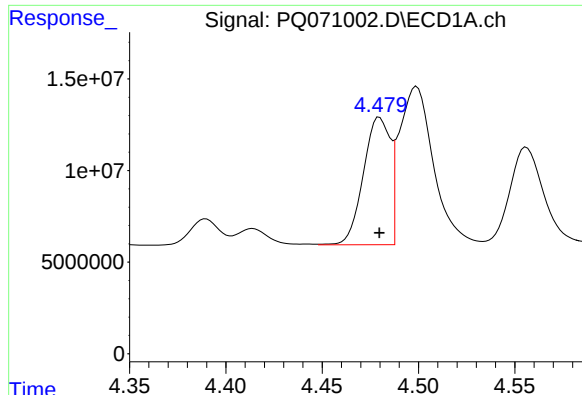
## #2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 182166881  
Conc: 55.79 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 328407221  
Conc: 58.44 ng/ml



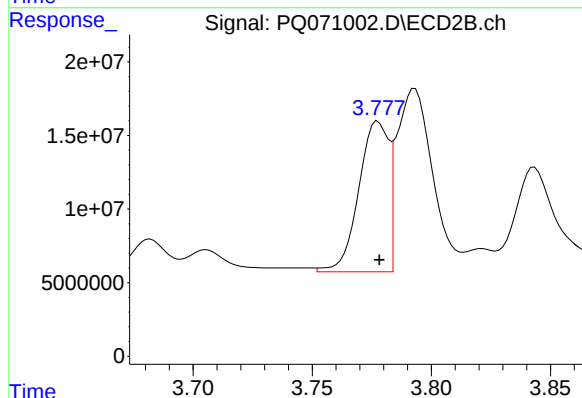
#16 AR-1242-1

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 67446984  
Conc: 567.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1242

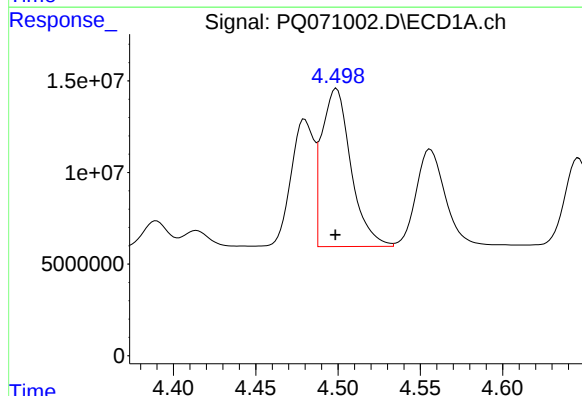
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



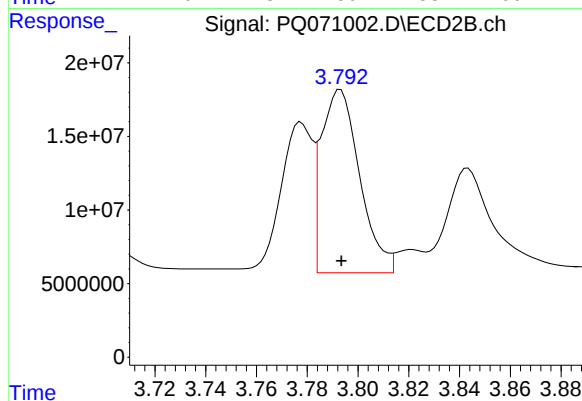
#16 AR-1242-1

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 88802083  
Conc: 545.26 ng/ml



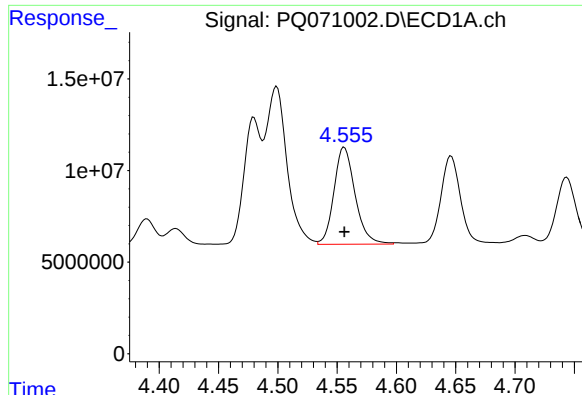
#17 AR-1242-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 106495313  
Conc: 558.41 ng/ml



#17 AR-1242-2

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 130858283  
Conc: 542.14 ng/ml



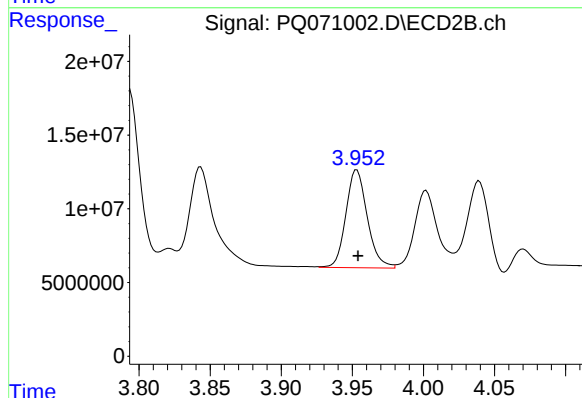
#18 AR-1242-3

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 65846450  
Conc: 553.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1242

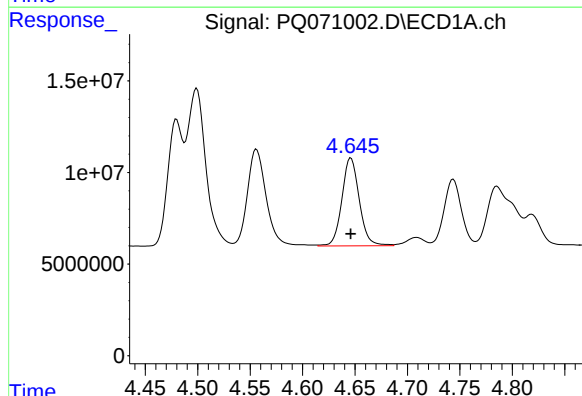
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



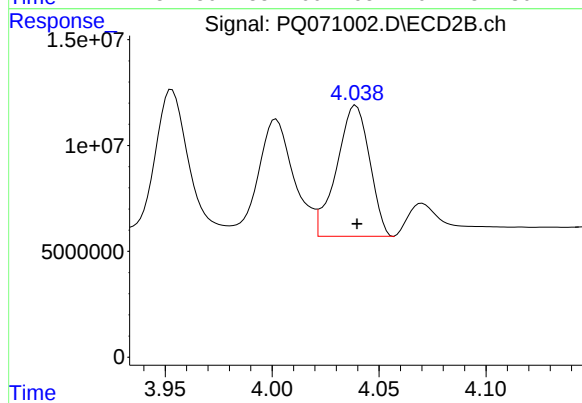
#18 AR-1242-3

R.T.: 3.952 min  
Delta R.T.: -0.002 min  
Response: 69528801  
Conc: 527.45 ng/ml m



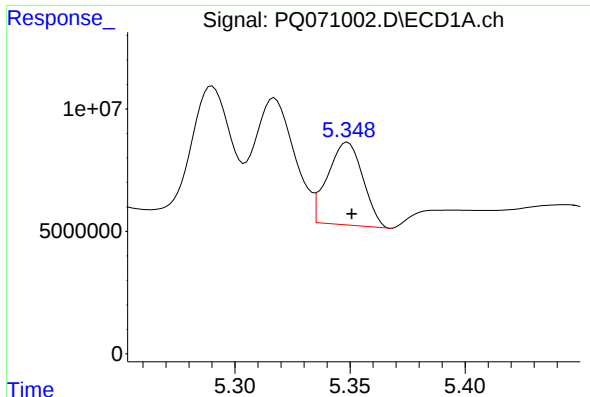
#19 AR-1242-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 55324188  
Conc: 555.71 ng/ml



#19 AR-1242-4

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 66246241  
Conc: 578.22 ng/ml



#20 AR-1242-5

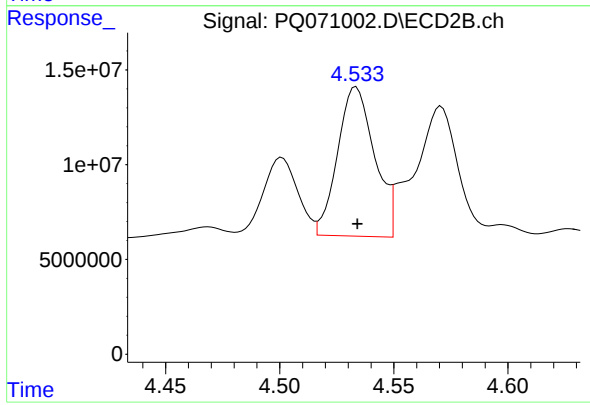
R.T.: 5.349 min  
Delta R.T.: -0.002 min  
Response: 35965359  
Conc: 456.87 ng/ml

ICAL Form

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1242

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 88786139  
Conc: 509.86 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071003.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 18:25  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ101025AR1248

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 01:26:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:23:25 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...          | 3.400 | 2.778 | 253.0E6  | 292.6E6  | 54.792   | 52.505    |
| 2) SA Decachlor...          | 8.497 | 7.534 | 179.8E6  | 324.3E6  | 54.114   | 56.854    |
| Target Compounds            |       |       |          |          |          |           |
| 21) L5 AR-1248-1            | 4.480 | 3.777 | 47223685 | 65282112 | 527.847  | 516.093   |
| 22) L5 AR-1248-2            | 4.743 | 4.002 | 73173417 | 97020820 | 536.277  | 514.526   |
| 23) L5 AR-1248-3            | 4.931 | 4.039 | 87732864 | 87534945 | 543.629  | 487.239   |
| 24) L5 AR-1248-4            | 5.317 | 4.196 | 98470443 | 117.2E6  | 567.576m | 522.551m  |
| 25) L5 AR-1248-5            | 5.349 | 4.571 | 59958766 | 126.5E6  | 402.630m | 543.081 # |
| -----                       |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071003.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 18:25  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

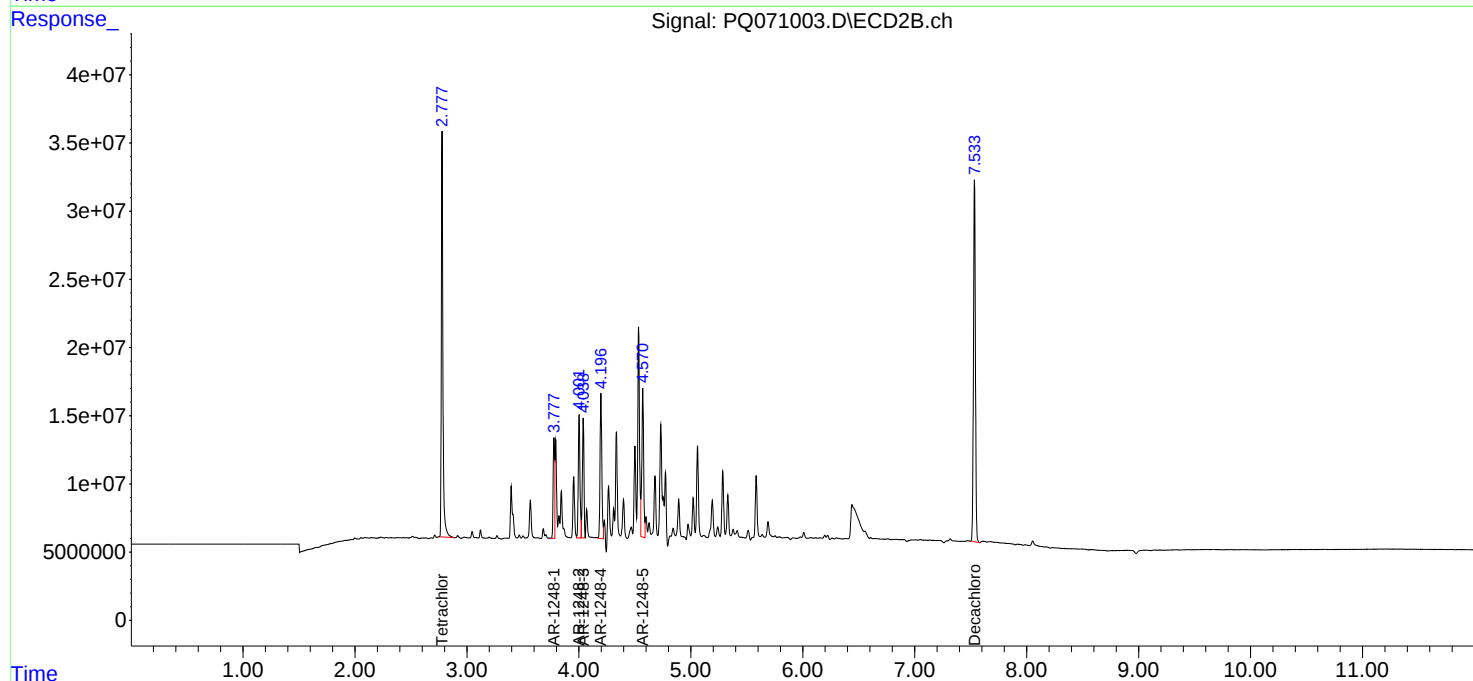
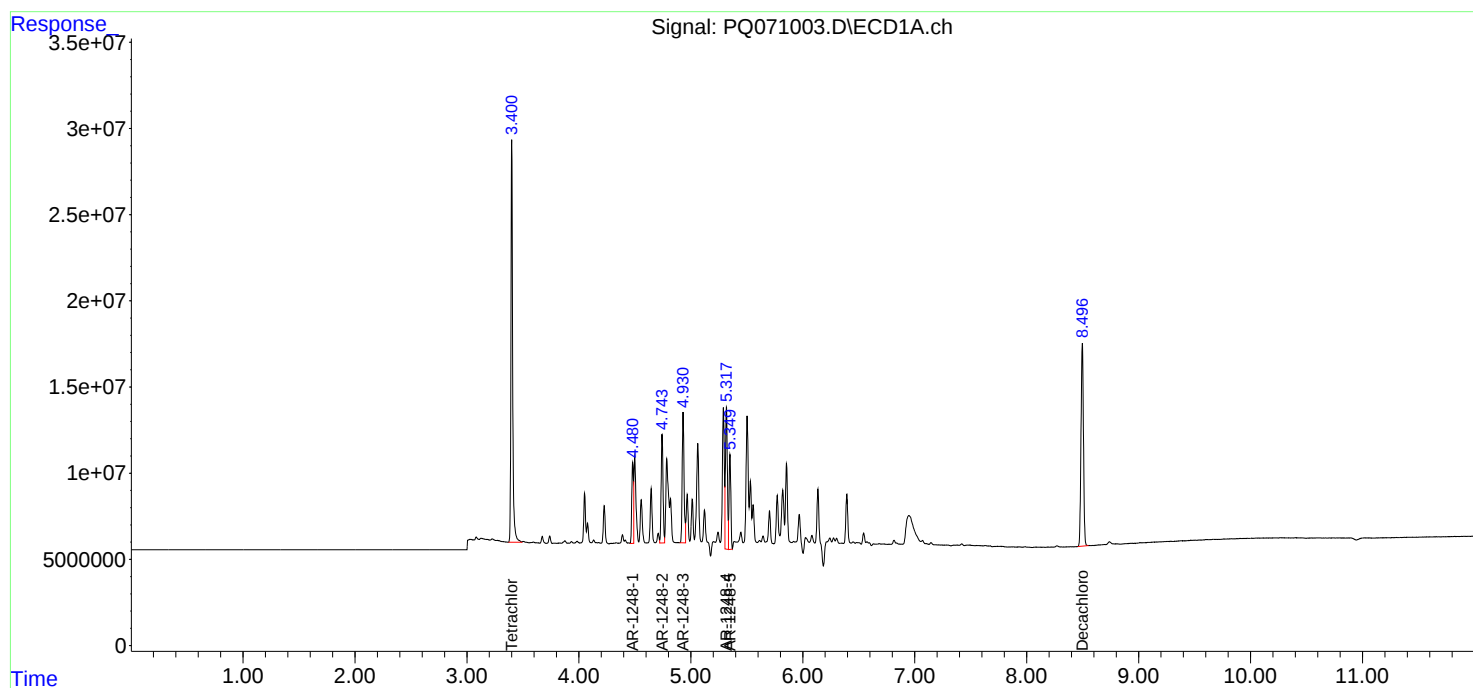
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1248

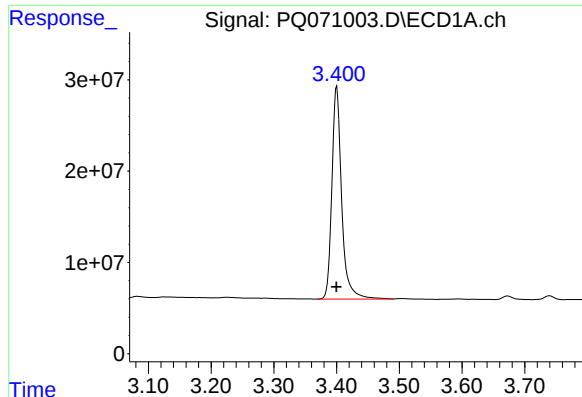
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 01:26:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:23:25 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





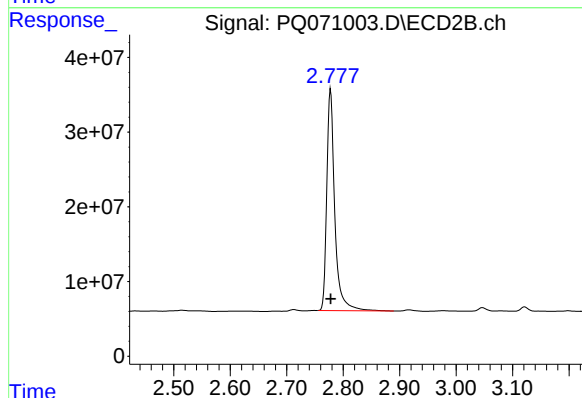
## #1 Tetrachloro-m-xylene

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 253021754  
Conc: 54.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1248

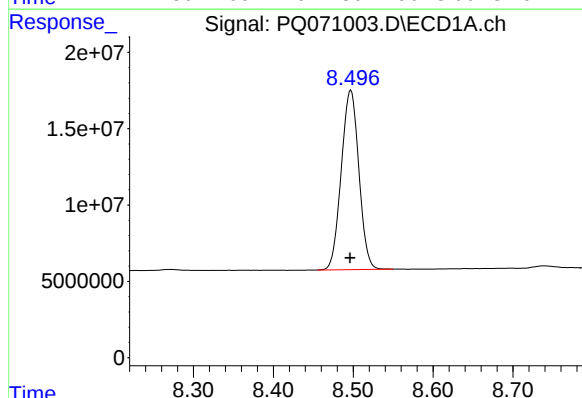
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



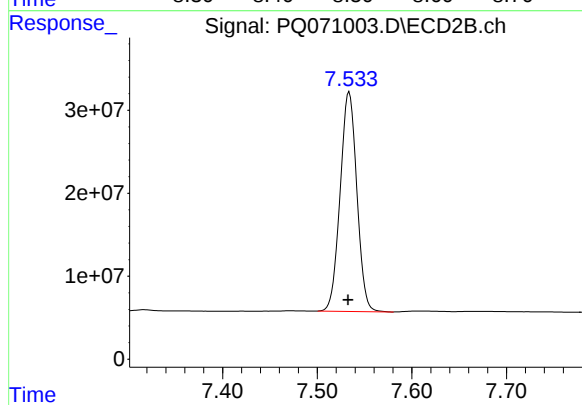
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 292628939  
Conc: 52.50 ng/ml



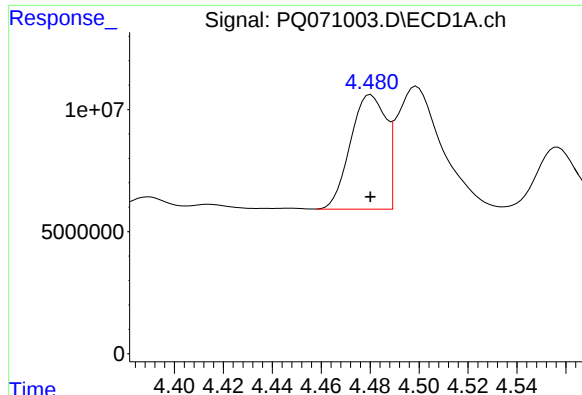
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 179847567  
Conc: 54.11 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.534 min  
Delta R.T.: 0.001 min  
Response: 324345066  
Conc: 56.85 ng/ml



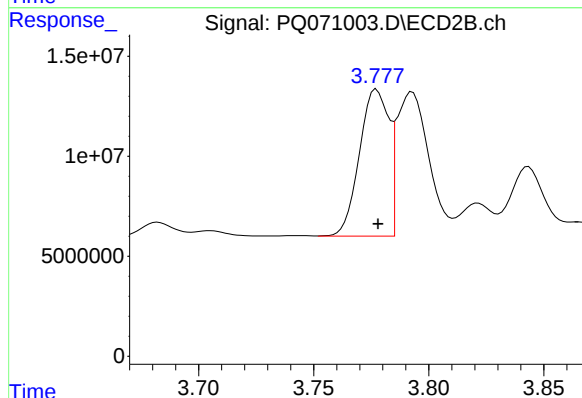
#21 AR-1248-1

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 47223685  
Conc: 527.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1248

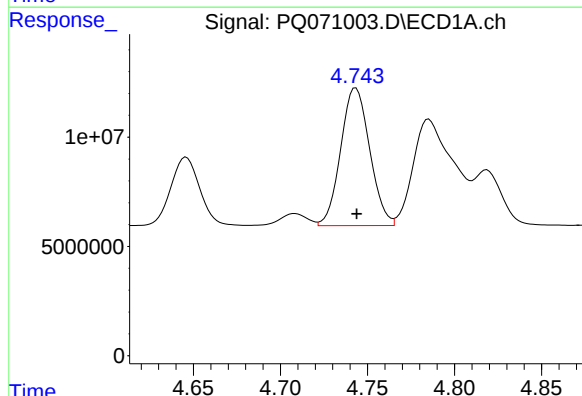
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



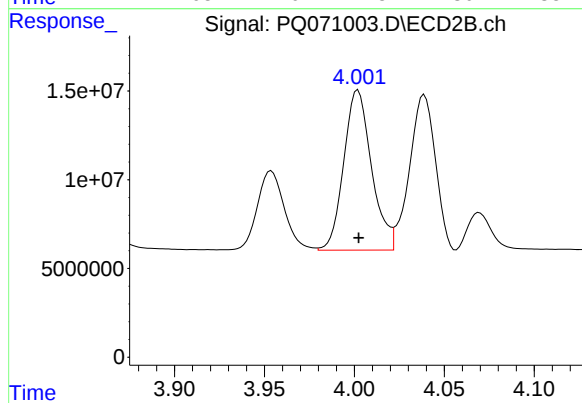
#21 AR-1248-1

R.T.: 3.777 min  
Delta R.T.: 0.000 min  
Response: 65282112  
Conc: 516.09 ng/ml



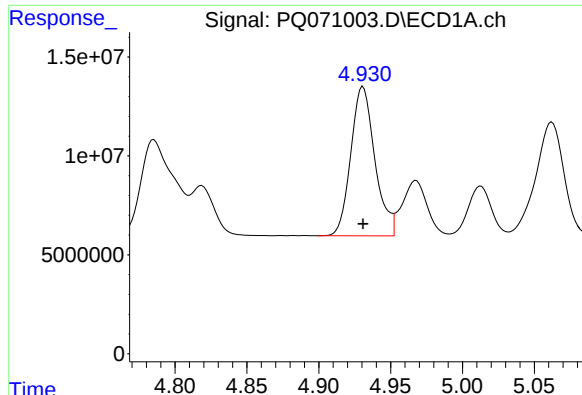
#22 AR-1248-2

R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 73173417  
Conc: 536.28 ng/ml



#22 AR-1248-2

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 97020820  
Conc: 514.53 ng/ml



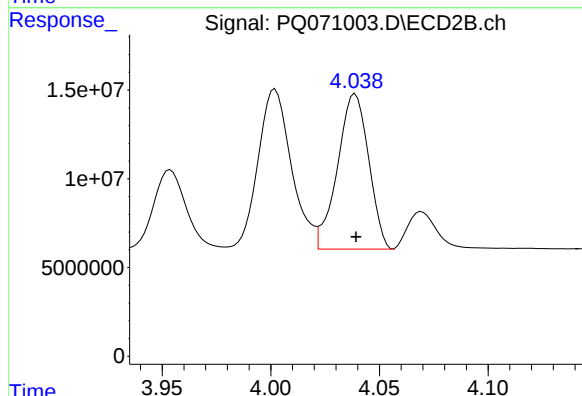
#23 AR-1248-3

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 87732864  
Conc: 543.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1248

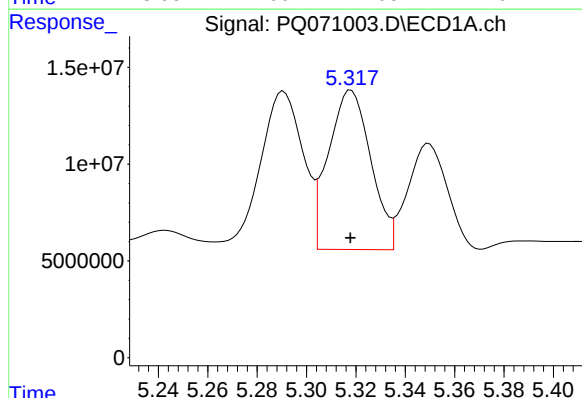
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



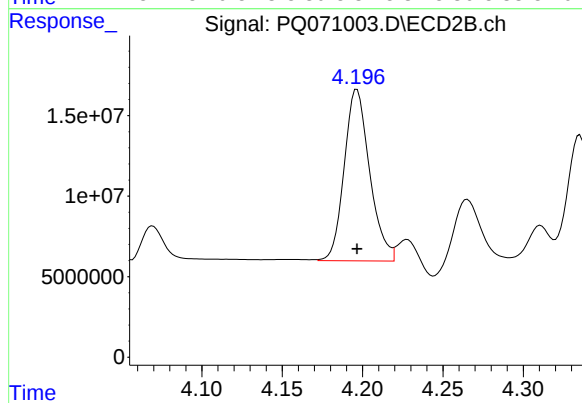
#23 AR-1248-3

R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 87534945  
Conc: 487.24 ng/ml



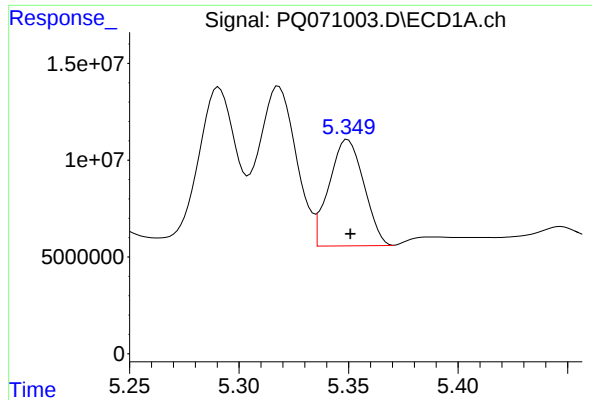
#24 AR-1248-4

R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 98470443  
Conc: 567.58 ng/ml m



#24 AR-1248-4

R.T.: 4.196 min  
Delta R.T.: 0.000 min  
Response: 117224408  
Conc: 522.55 ng/ml m



#25 AR-1248-5

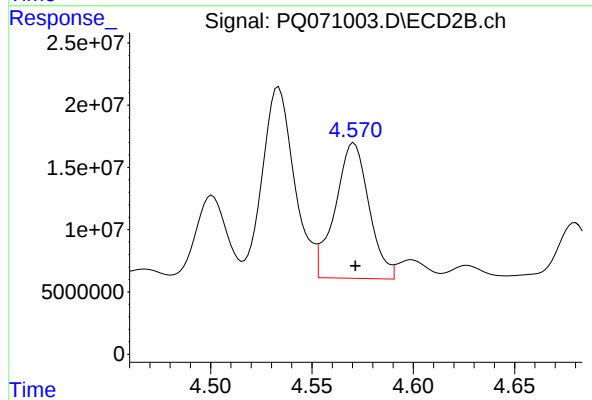
R.T.: 5.349 min  
Delta R.T.: -0.002 min  
Response: 59958766  
Conc: 402.63 ng/ml

ICAL Form

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1248

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 126452467  
Conc: 543.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071004.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 19:08  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ101025AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 01:34:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:30:57 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... | 3.400 | 2.778 | 247.0E6 | 287.2E6 | 56.214  | 55.217  |
| 2)                          | SA Decachlor... | 8.498 | 7.533 | 175.2E6 | 316.3E6 | 55.323  | 56.717  |
|                             |                 |       |       |         |         |         |         |
| Target Compounds            |                 |       |       |         |         |         |         |
| 26)                         | L6 AR-1254-1    | 5.293 | 4.533 | 115.3E6 | 191.1E6 | 587.461 | 566.643 |
| 27)                         | L6 AR-1254-2    | 5.507 | 4.680 | 167.9E6 | 162.6E6 | 578.152 | 547.137 |
| 28)                         | L6 AR-1254-3    | 5.855 | 5.060 | 176.3E6 | 253.6E6 | 573.790 | 542.980 |
| 29)                         | L6 AR-1254-4    | 6.134 | 5.286 | 124.7E6 | 161.4E6 | 568.016 | 546.628 |
| 30)                         | L6 AR-1254-5    | 6.544 | 5.690 | 130.6E6 | 228.4E6 | 563.253 | 543.396 |
| -----                       |                 |       |       |         |         |         |         |

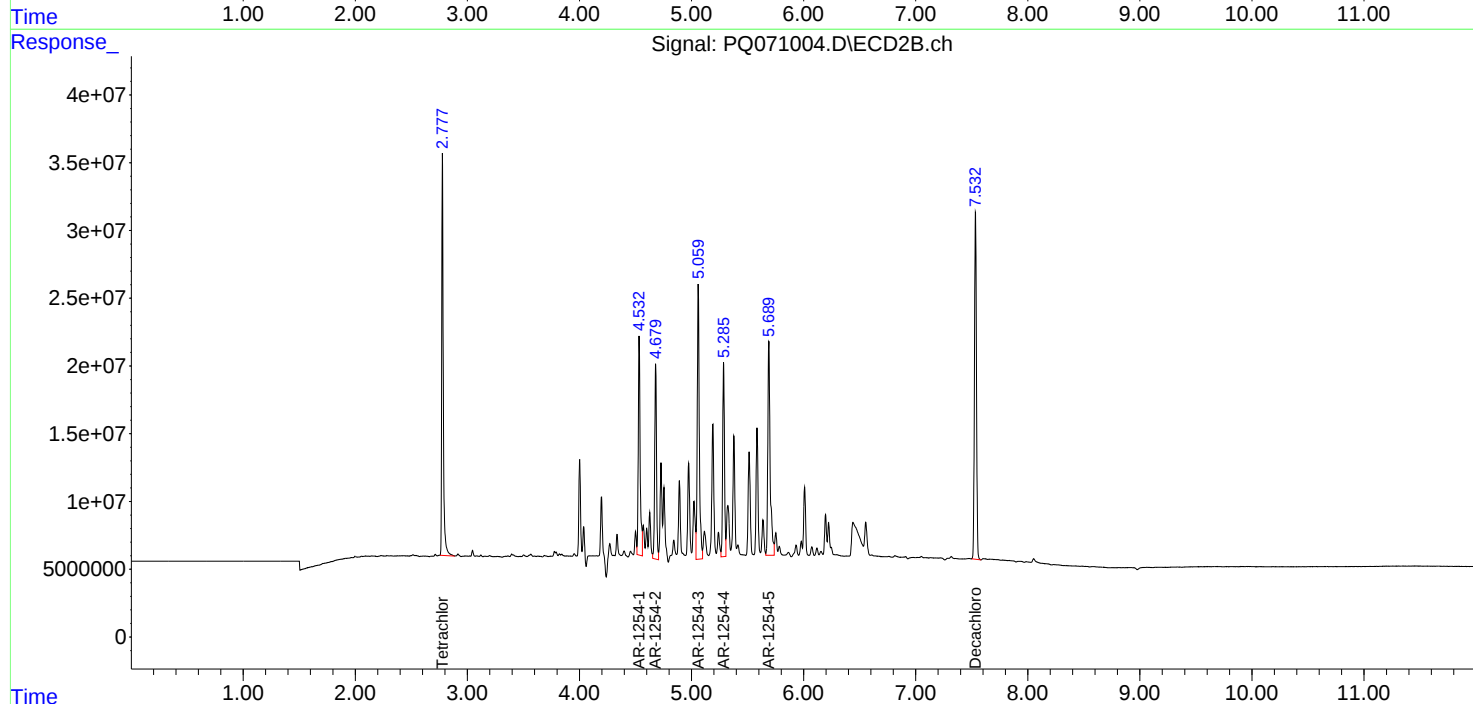
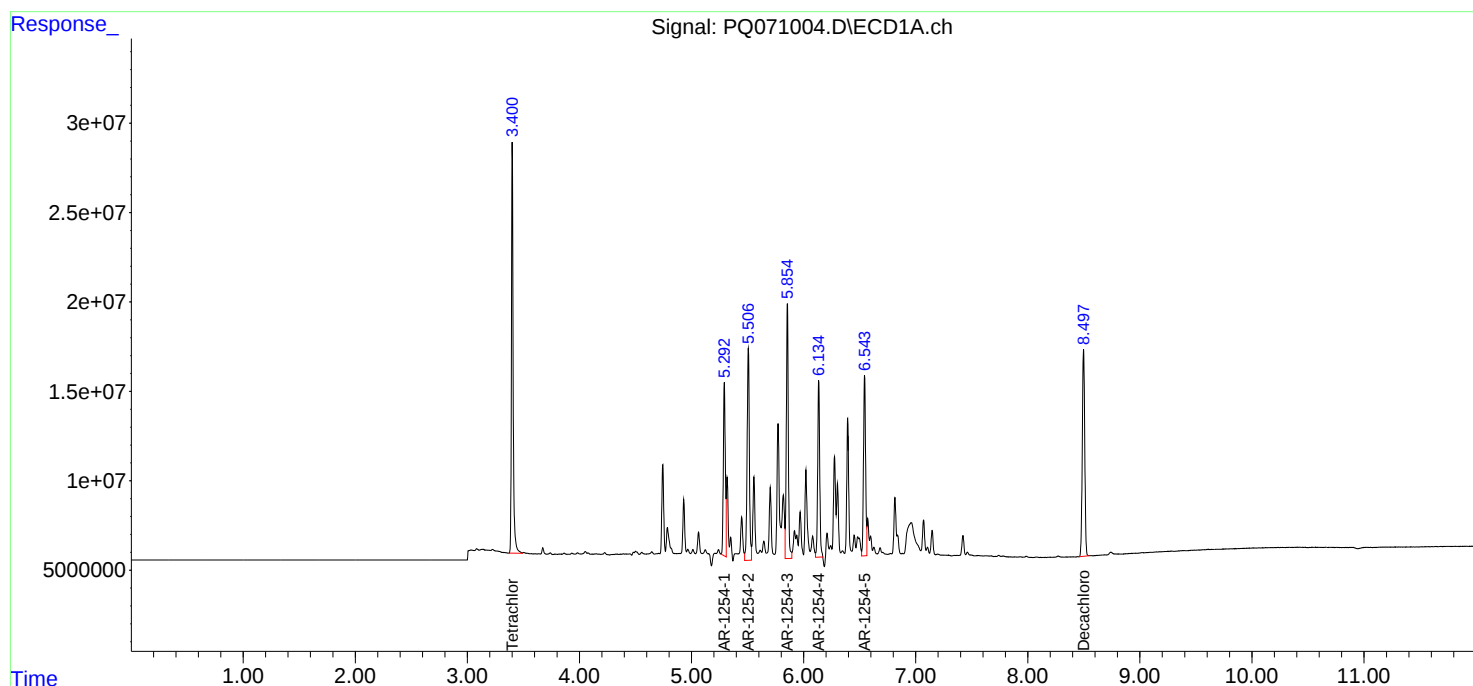
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

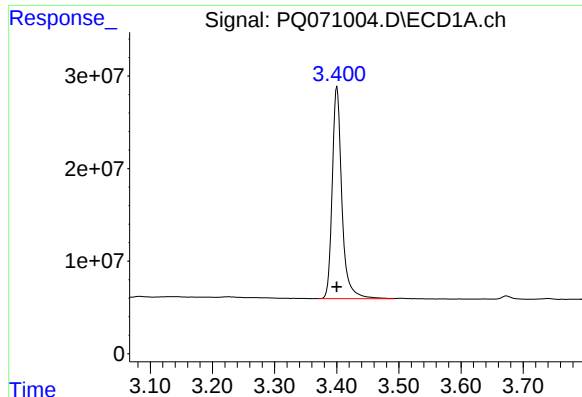
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071004.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 19:08  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 01:34:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:30:57 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

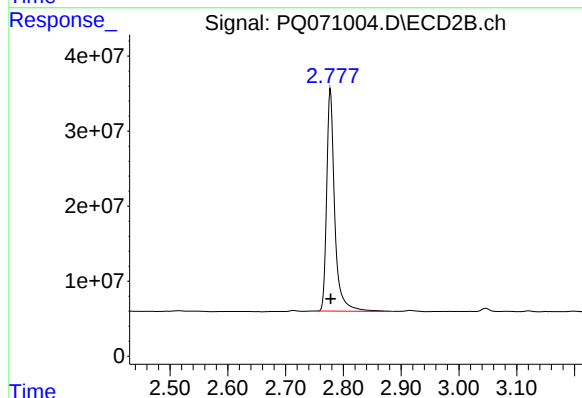




## #1 Tetrachloro-m-xylene

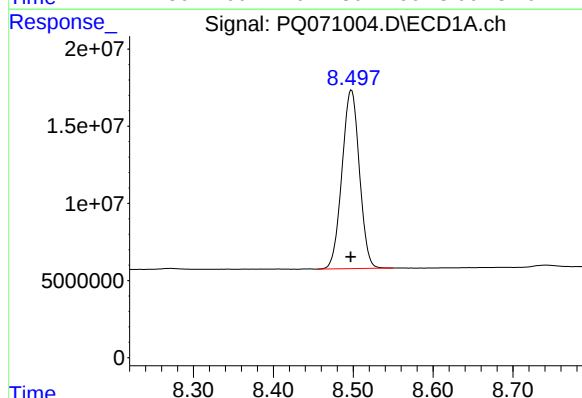
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 246956460  
Conc: 56.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1254



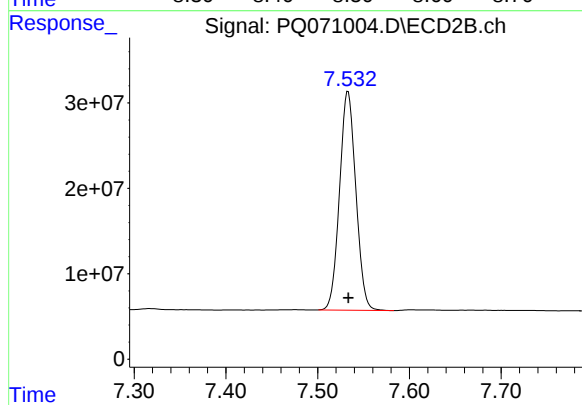
## #1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 287227626  
Conc: 55.22 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: 0.000 min  
Response: 175150667  
Conc: 55.32 ng/ml

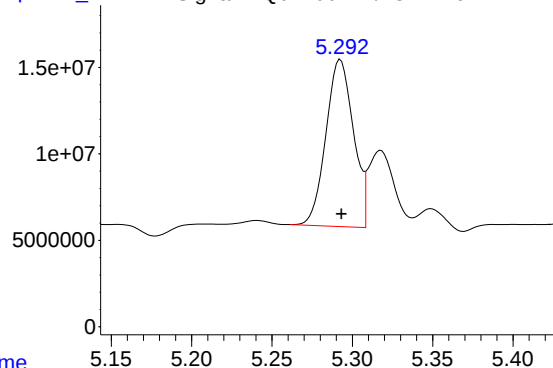


## #2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 316297966  
Conc: 56.72 ng/ml

Response\_ Signal: PQ071004.D\ECD1A.ch

#26 AR-1254-1

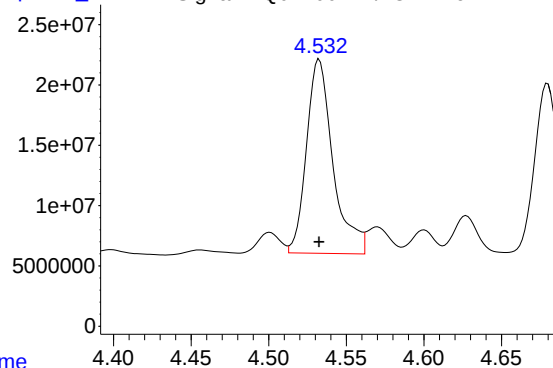


R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 115305910  
Conc: 587.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1254

Time Response\_ Signal: PQ071004.D\ECD2B.ch

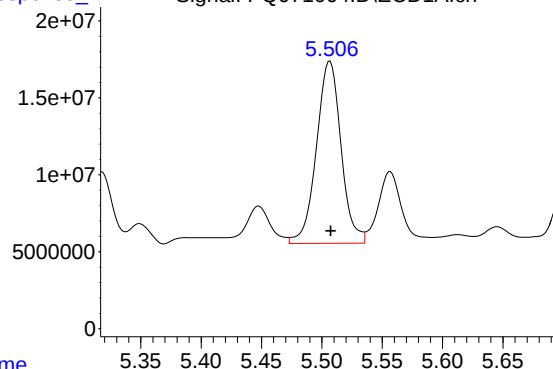
#26 AR-1254-1



R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 191078779  
Conc: 566.64 ng/ml

Time Response\_ Signal: PQ071004.D\ECD1A.ch

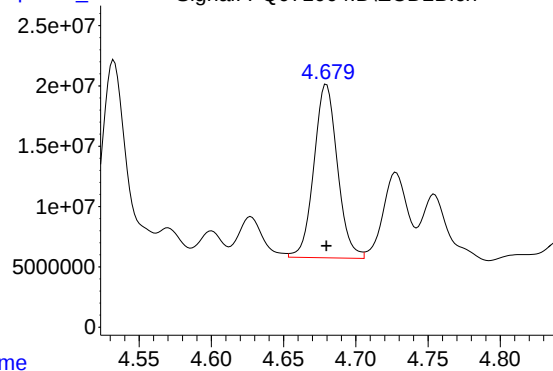
#27 AR-1254-2



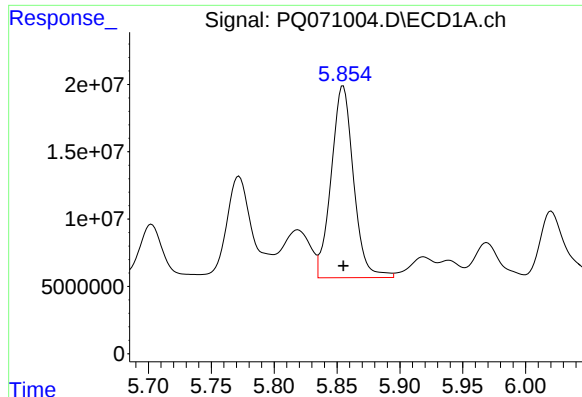
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 167943478  
Conc: 578.15 ng/ml

Time Response\_ Signal: PQ071004.D\ECD2B.ch

#27 AR-1254-2



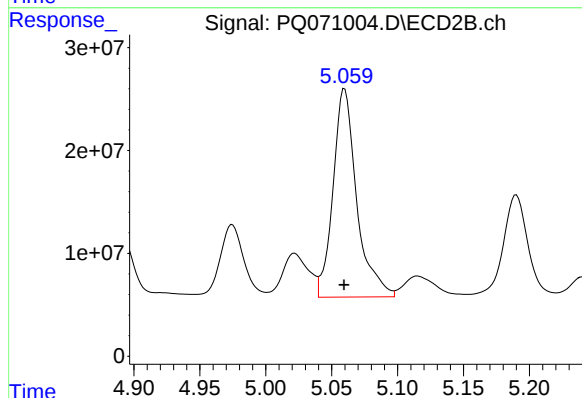
R.T.: 4.680 min  
Delta R.T.: 0.000 min  
Response: 162584096  
Conc: 547.14 ng/ml



#28 AR-1254-3

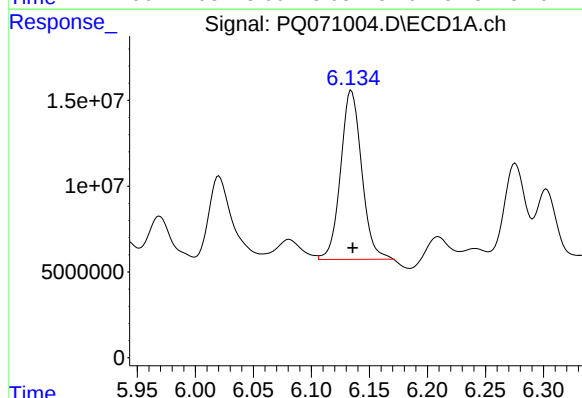
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 176272565  
Conc: 573.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1254



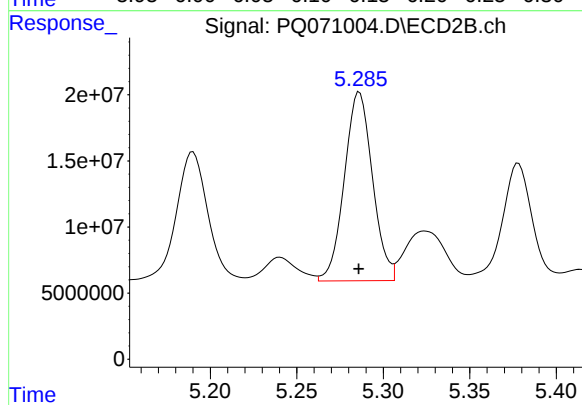
#28 AR-1254-3

R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 253607279  
Conc: 542.98 ng/ml



#29 AR-1254-4

R.T.: 6.134 min  
Delta R.T.: -0.001 min  
Response: 124702483  
Conc: 568.02 ng/ml



#29 AR-1254-4

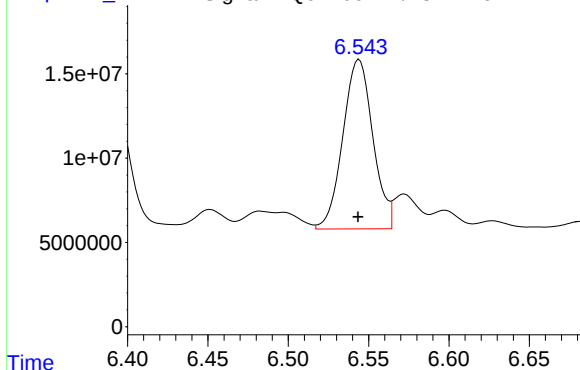
R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 161392628  
Conc: 546.63 ng/ml

Response\_

Signal: PQ071004.D\ECD1A.ch

#30 AR-1254-5

ICAL Form



R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 130615840  
Conc: 563.25 ng/ml

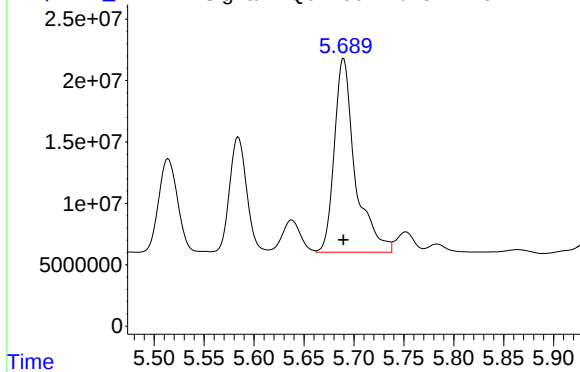
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1254

Time

Response\_

Signal: PQ071004.D\ECD2B.ch

#30 AR-1254-5



R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 228416064  
Conc: 543.40 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
 Data File : PQ071005.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 19:52  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ101025AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 01:39:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:37:12 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...          | 3.401 | 2.777 | 256.6E6 | 296.1E6  | 52.549  | 51.872  |
| 2) SA Decachlor...          | 8.497 | 7.533 | 317.0E6 | 560.4E6  | 52.621  | 50.721  |
| Target Compounds            |       |       |         |          |         |         |
| 41) L9 AR-1268-1            | 7.418 | 6.500 | 307.3E6 | 498.7E6  | 527.367 | 511.825 |
| 42) L9 AR-1268-2            | 7.495 | 6.563 | 283.4E6 | 464.0E6  | 533.785 | 516.248 |
| 43) L9 AR-1268-3            | 7.677 | 6.763 | 233.9E6 | 395.9E6  | 539.709 | 506.489 |
| 44) L9 AR-1268-4            | 7.989 | 7.051 | 100.4E6 | 175.1E6  | 534.727 | 508.315 |
| 45) L9 AR-1268-5            | 8.271 | 7.318 | 696.8E6 | 1236.0E6 | 531.266 | 510.673 |
| -----                       |       |       |         |          |         |         |

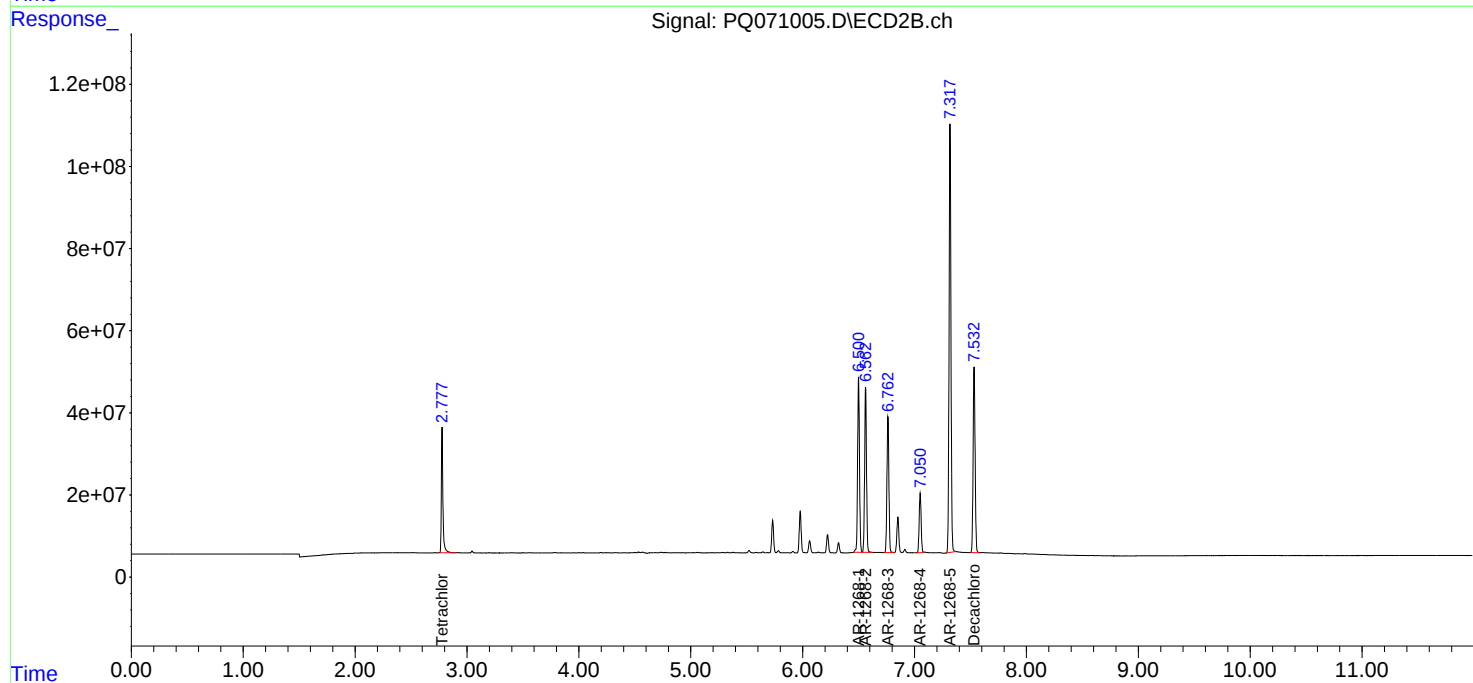
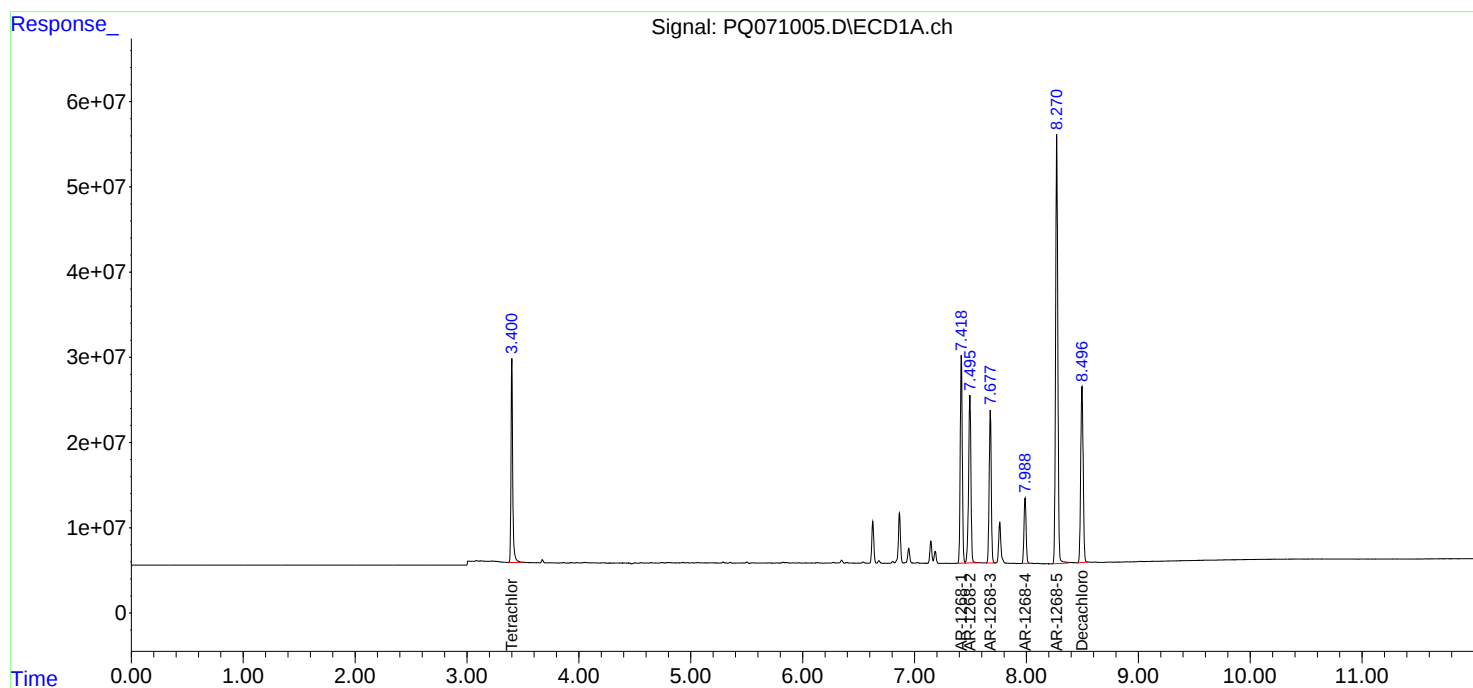
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

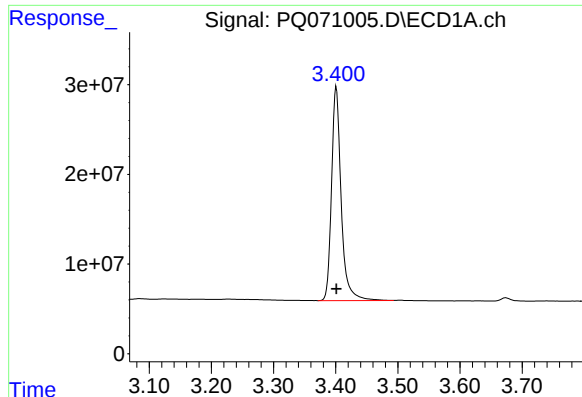
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ071005.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 19:52  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 01:39:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:37:12 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

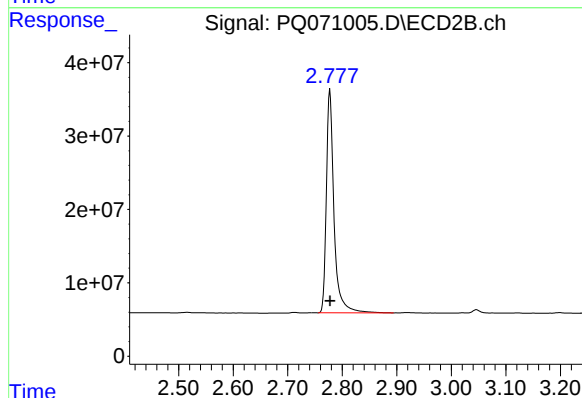




## #1 Tetrachloro-m-xylene

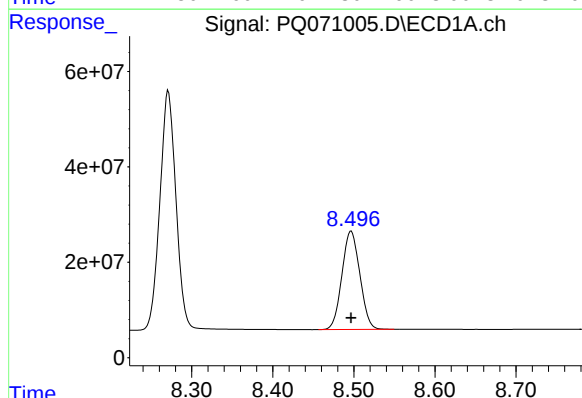
R.T.: 3.401 min  
Delta R.T.: 0.000 min  
Response: 256641615  
Conc: 52.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1268



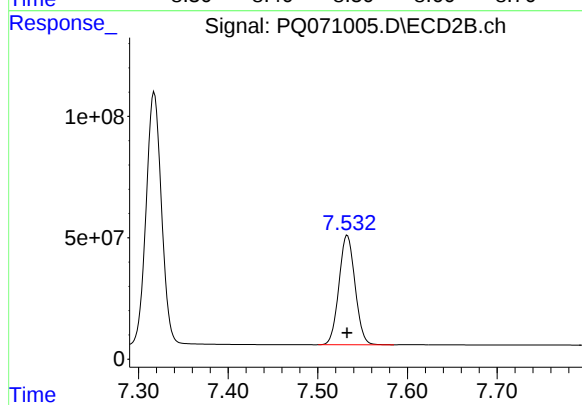
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 296113428  
Conc: 51.87 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: 0.000 min  
Response: 317031582  
Conc: 52.62 ng/ml



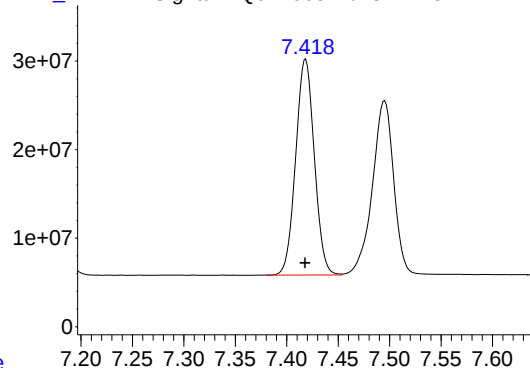
## #2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 560415145  
Conc: 50.72 ng/ml

Response\_

Signal: PQ071005.D\ECD1A.ch

#41 AR-1268-1



R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 307261040  
Conc: 527.37 ng/ml

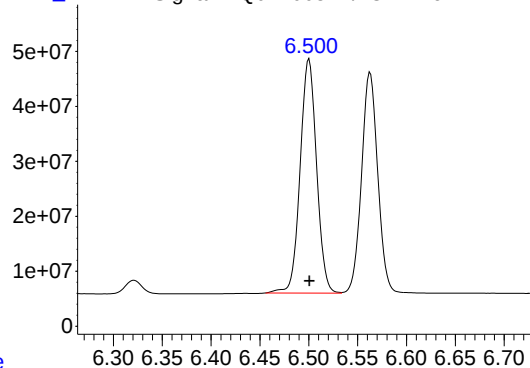
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1268

Time

Response\_

Signal: PQ071005.D\ECD2B.ch

#41 AR-1268-1



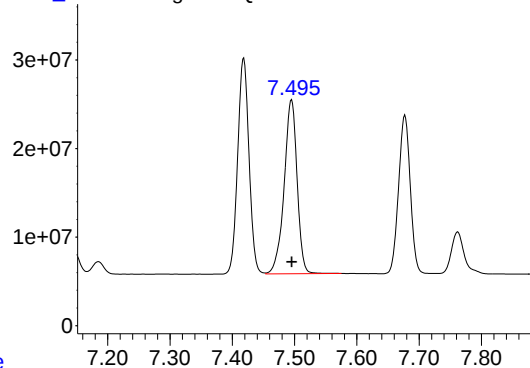
R.T.: 6.500 min  
Delta R.T.: 0.000 min  
Response: 498745928  
Conc: 511.83 ng/ml

Time

Response\_

Signal: PQ071005.D\ECD1A.ch

#42 AR-1268-2



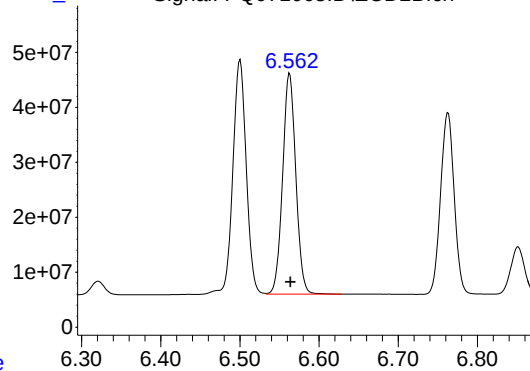
R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 283380161  
Conc: 533.78 ng/ml

Time

Response\_

Signal: PQ071005.D\ECD2B.ch

#42 AR-1268-2



R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 463960839  
Conc: 516.25 ng/ml

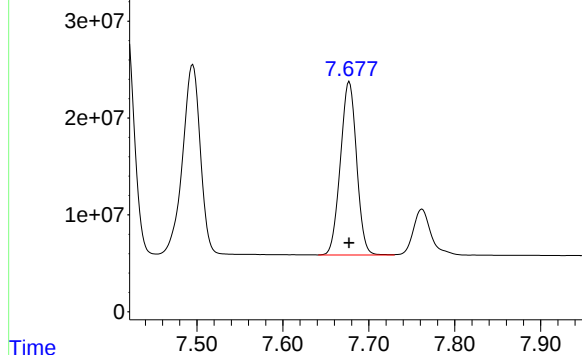
Time

Response\_ Signal: PQ071005.D\ECD1A.ch

#43 AR-1268-3

R.T.: 7.677 min  
Delta R.T.: 0.000 min  
Response: 233855867  
Conc: 539.71 ng/ml

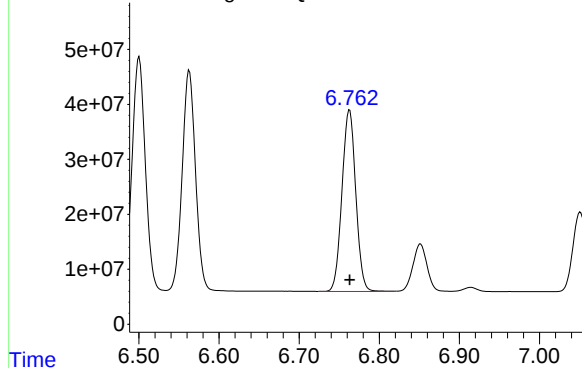
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1268



Response\_ Signal: PQ071005.D\ECD2B.ch

#43 AR-1268-3

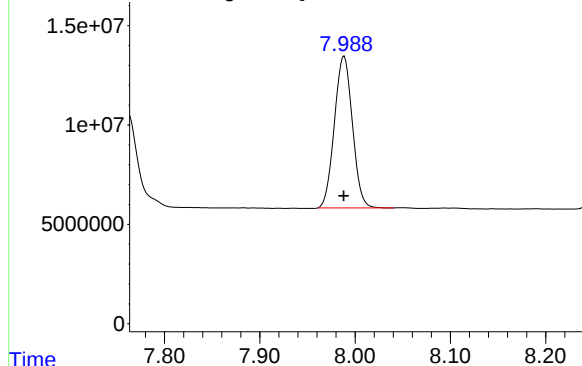
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 395934354  
Conc: 506.49 ng/ml



Response\_ Signal: PQ071005.D\ECD1A.ch

#44 AR-1268-4

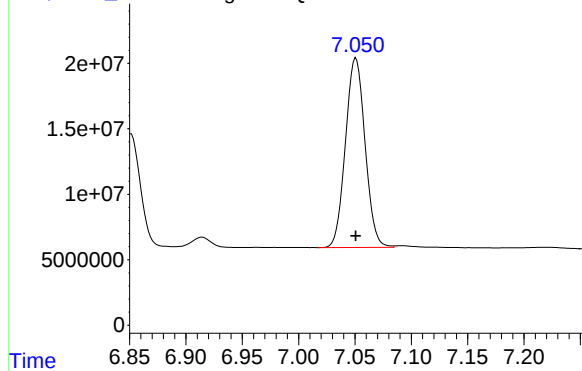
R.T.: 7.989 min  
Delta R.T.: 0.000 min  
Response: 100352602  
Conc: 534.73 ng/ml



Response\_ Signal: PQ071005.D\ECD2B.ch

#44 AR-1268-4

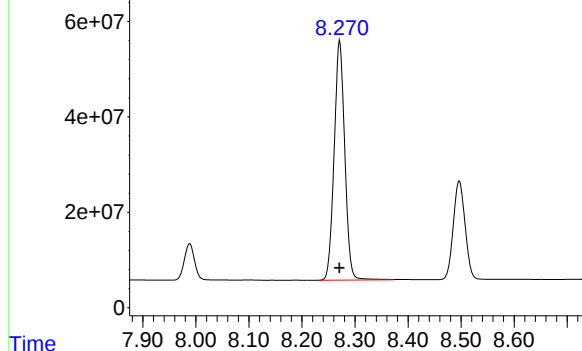
R.T.: 7.051 min  
Delta R.T.: 0.000 min  
Response: 175126997  
Conc: 508.32 ng/ml



Response\_

Signal: PQ071005.D\ECD1A.ch

#45 AR-1268-5



R.T.: 8.271 min  
Delta R.T.: 0.000 min  
Response: 696811272  
Conc: 531.27 ng/ml

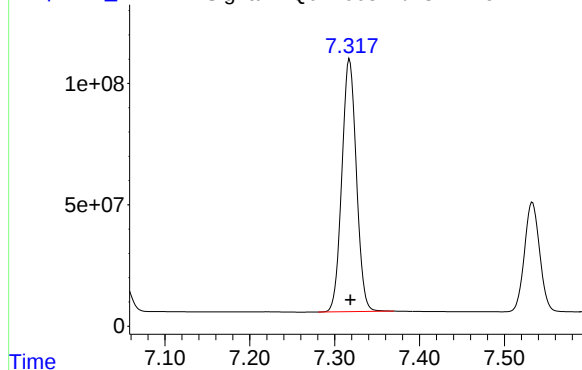
Instrument :  
ECD\_Q  
ClientSampleId :  
ICVPQ101025AR1268

Time

Response\_

Signal: PQ071005.D\ECD2B.ch

#45 AR-1268-5



R.T.: 7.318 min  
Delta R.T.: 0.000 min  
Response: 1236017444  
Conc: 510.67 ng/ml

Time



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 13:37

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Aroclor-1016-2       | (2) | 4.50       | 4.50      | 4.40      | 4.60 | 0.00       |
| Aroclor-1016-3       | (3) | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| Aroclor-1016-4       | (4) | 4.65       | 4.65      | 4.55      | 4.75 | 0.00       |
| Aroclor-1016-5       | (5) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1260-1       | (1) | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| Aroclor-1260-2       | (2) | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| Aroclor-1260-3       | (3) | 6.63       | 6.63      | 6.53      | 6.73 | 0.00       |
| Aroclor-1260-4       | (4) | 6.84       | 6.84      | 6.74      | 6.94 | 0.00       |
| Aroclor-1260-5       | (5) | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| Tetrachloro-m-xylene |     | 3.40       | 3.40      | 3.30      | 3.50 | 0.00       |
| Decachlorobiphenyl   |     | 8.50       | 8.50      | 8.40      | 8.60 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 13:37

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Aroclor-1016-2       | (2) | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Aroclor-1016-3       | (3) | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Aroclor-1016-4       | (4) | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| Aroclor-1016-5       | (5) | 4.20       | 4.20      | 4.10      | 4.30 | 0.00       |
| Aroclor-1260-1       | (1) | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| Aroclor-1260-2       | (2) | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Aroclor-1260-3       | (3) | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| Aroclor-1260-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08 | 0.00       |
| Aroclor-1260-5       | (5) | 6.22       | 6.22      | 6.12      | 6.32 | 0.00       |
| Tetrachloro-m-xylene |     | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| Decachlorobiphenyl   |     | 7.53       | 7.53      | 7.43      | 7.63 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071098.D **Time Analyzed:** 13:37

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.480 | 4.380     | 4.580 | 547.800            | 500.000           | 9.6  |
| Aroclor-1016-2       | 4.498 | 4.399     | 4.599 | 544.520            | 500.000           | 8.9  |
| Aroclor-1016-3       | 4.556 | 4.456     | 4.656 | 550.240            | 500.000           | 10.0 |
| Aroclor-1016-4       | 4.646 | 4.546     | 4.746 | 556.420            | 500.000           | 11.3 |
| Aroclor-1016-5       | 4.931 | 4.831     | 5.031 | 553.620            | 500.000           | 10.7 |
| Aroclor-1260-1       | 6.020 | 5.919     | 6.119 | 549.350            | 500.000           | 9.9  |
| Aroclor-1260-2       | 6.276 | 6.175     | 6.375 | 554.480            | 500.000           | 10.9 |
| Aroclor-1260-3       | 6.627 | 6.526     | 6.726 | 559.460            | 500.000           | 11.9 |
| Aroclor-1260-4       | 6.841 | 6.740     | 6.940 | 571.200            | 500.000           | 14.2 |
| Aroclor-1260-5       | 7.146 | 7.045     | 7.245 | 565.790            | 500.000           | 13.2 |
| Decachlorobiphenyl   | 8.498 | 8.396     | 8.596 | 56.680             | 50.000            | 13.4 |
| Tetrachloro-m-xylene | 3.399 | 3.300     | 3.500 | 54.440             | 50.000            | 8.9  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071098.D **Time Analyzed:** 13:37

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 3.776 | 3.678     | 3.878 | 453.960            | 500.000           | -9.2 |
| Aroclor-1016-2       | 3.792 | 3.693     | 3.893 | 452.590            | 500.000           | -9.5 |
| Aroclor-1016-3       | 3.951 | 3.853     | 4.053 | 464.930            | 500.000           | -7.0 |
| Aroclor-1016-4       | 4.000 | 3.902     | 4.102 | 469.520            | 500.000           | -6.1 |
| Aroclor-1016-5       | 4.195 | 4.097     | 4.297 | 470.610            | 500.000           | -5.9 |
| Aroclor-1260-1       | 5.188 | 5.089     | 5.289 | 476.540            | 500.000           | -4.7 |
| Aroclor-1260-2       | 5.377 | 5.278     | 5.478 | 468.050            | 500.000           | -6.4 |
| Aroclor-1260-3       | 5.518 | 5.419     | 5.619 | 457.860            | 500.000           | -8.4 |
| Aroclor-1260-4       | 5.978 | 5.879     | 6.079 | 473.740            | 500.000           | -5.3 |
| Aroclor-1260-5       | 6.222 | 6.124     | 6.324 | 469.640            | 500.000           | -6.1 |
| Decachlorobiphenyl   | 7.532 | 7.433     | 7.633 | 55.130             | 50.000            | 10.3 |
| Tetrachloro-m-xylene | 2.776 | 2.678     | 2.878 | 49.120             | 50.000            | -1.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
 Data File : PQ071098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 13:37  
 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: Oct 24 02:38:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.776 | 236.8E6  | 249.5E6  | 54.438  | 49.116  |
| 2) SA Decachlor...          | 8.498 | 7.532 | 164.6E6  | 278.4E6  | 56.684  | 55.130  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.776 | 89918225 | 101.7E6  | 547.801 | 453.959 |
| 4) L1 AR-1016-2             | 4.498 | 3.792 | 139.6E6  | 153.9E6  | 544.522 | 452.594 |
| 5) L1 AR-1016-3             | 4.556 | 3.951 | 87553181 | 84551328 | 550.239 | 464.928 |
| 6) L1 AR-1016-4             | 4.646 | 4.000 | 72295198 | 73908323 | 556.420 | 469.520 |
| 7) L1 AR-1016-5             | 4.931 | 4.195 | 71307935 | 90283665 | 553.621 | 470.615 |
| 31) L7 AR-1260-1            | 6.020 | 5.188 | 128.8E6  | 171.7E6  | 549.351 | 476.544 |
| 32) L7 AR-1260-2            | 6.276 | 5.377 | 153.4E6  | 205.9E6  | 554.482 | 468.049 |
| 33) L7 AR-1260-3            | 6.627 | 5.518 | 111.5E6  | 190.0E6  | 559.462 | 457.861 |
| 34) L7 AR-1260-4            | 6.841 | 5.978 | 122.7E6  | 170.4E6  | 571.198 | 473.745 |
| 35) L7 AR-1260-5            | 7.146 | 6.222 | 245.4E6  | 394.6E6  | 565.790 | 469.638 |
| -----                       |       |       |          |          |         |         |

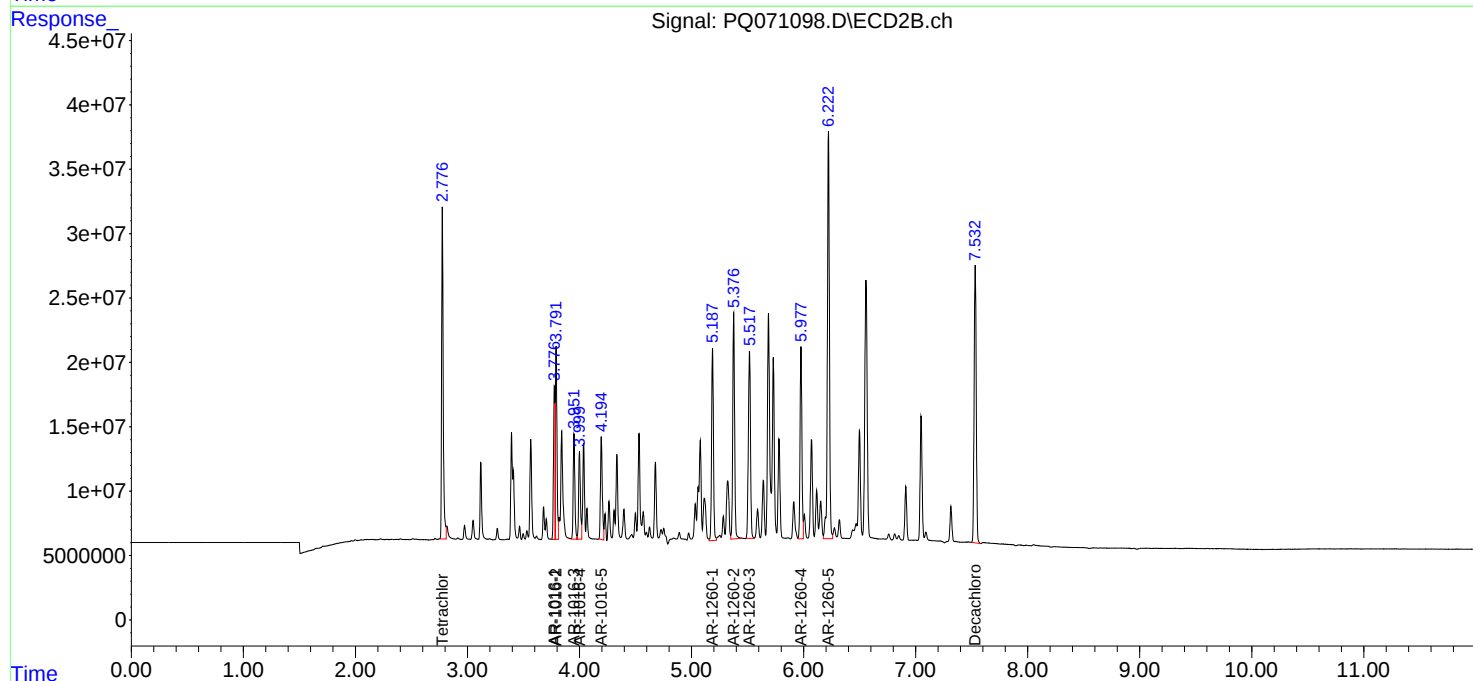
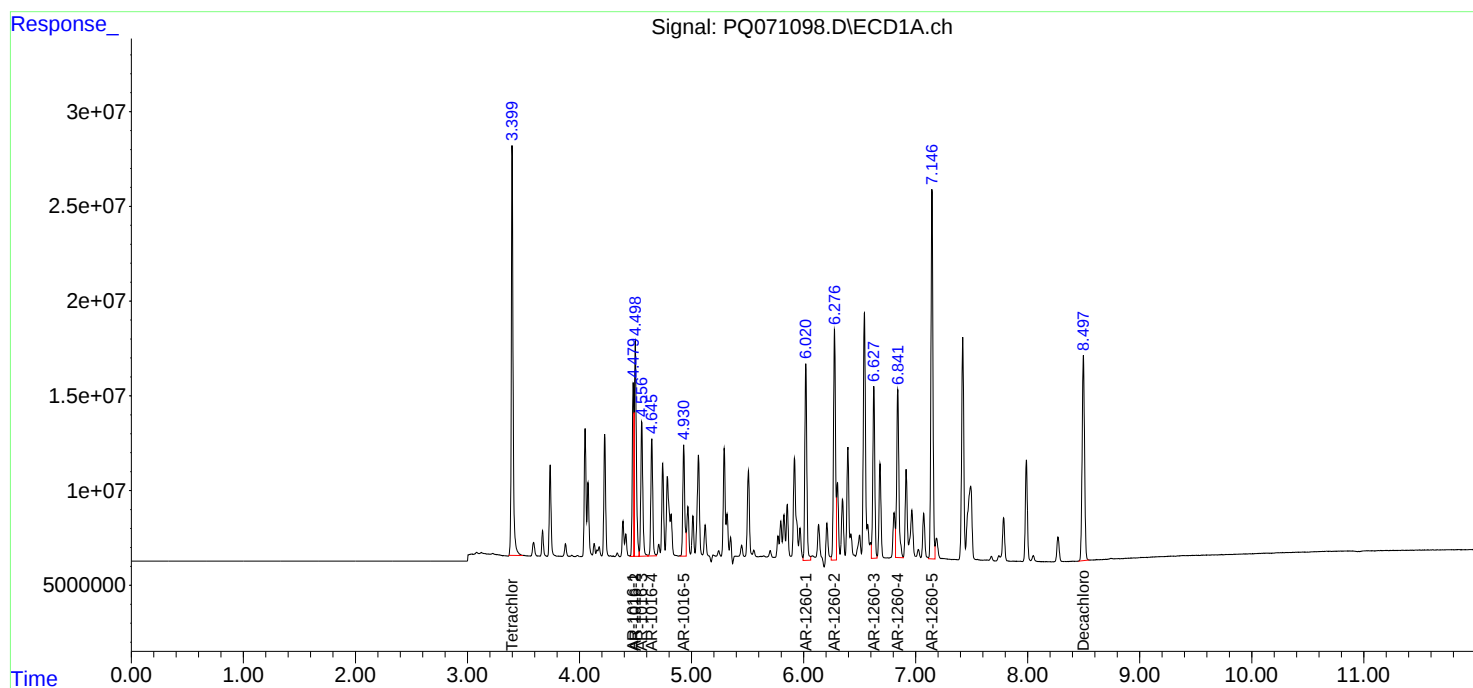
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

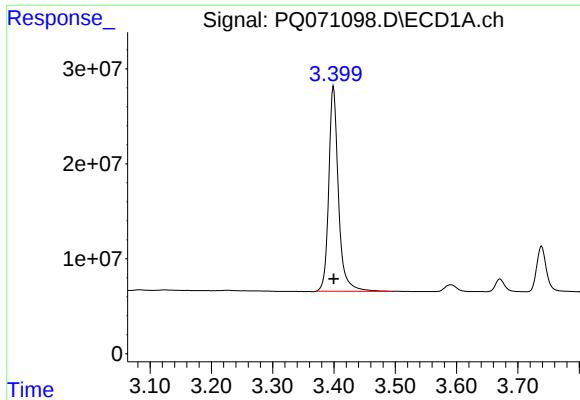
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 13:37  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:38:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

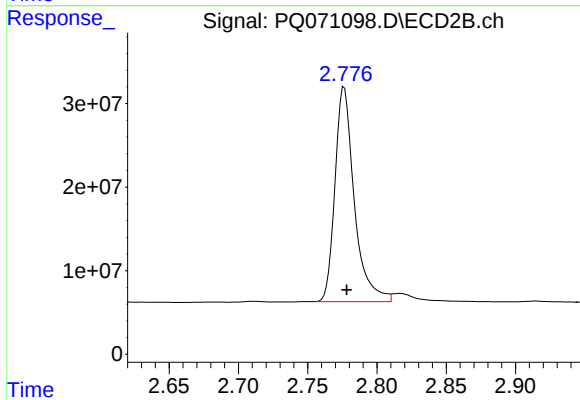




## #1 Tetrachloro-m-xylene

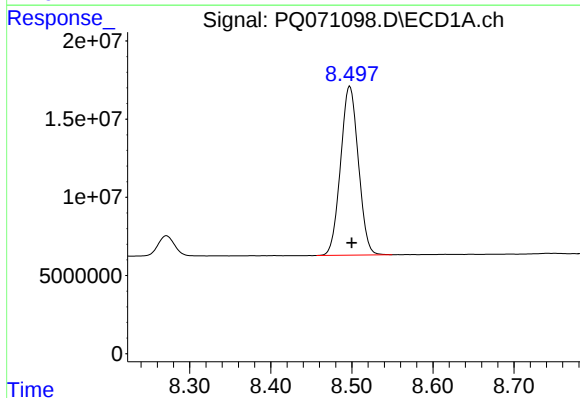
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 236820801  
Conc: 54.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



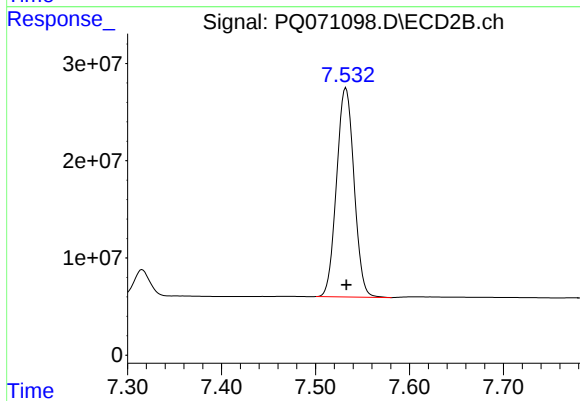
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 249512199  
Conc: 49.12 ng/ml



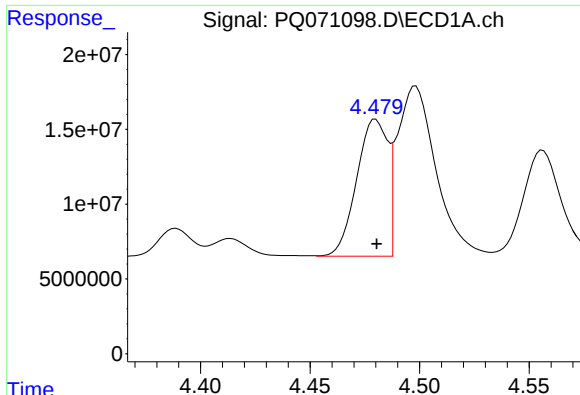
## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 164609869  
Conc: 56.68 ng/ml



## #2 Decachlorobiphenyl

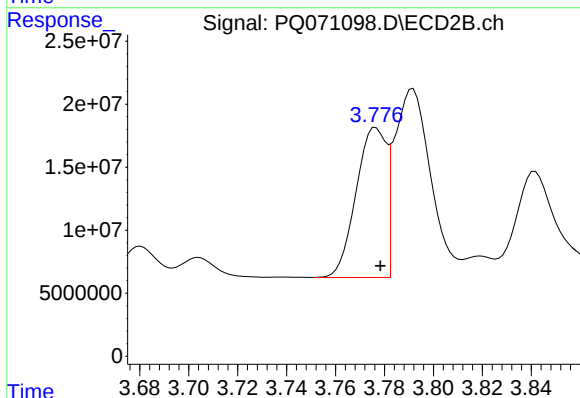
R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 278383142  
Conc: 55.13 ng/ml



#3 AR-1016-1

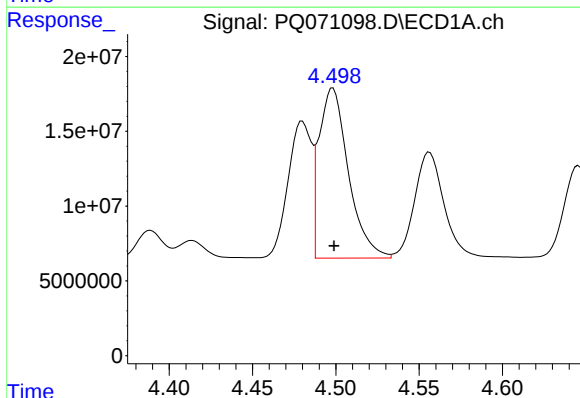
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 89918225  
Conc: 547.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



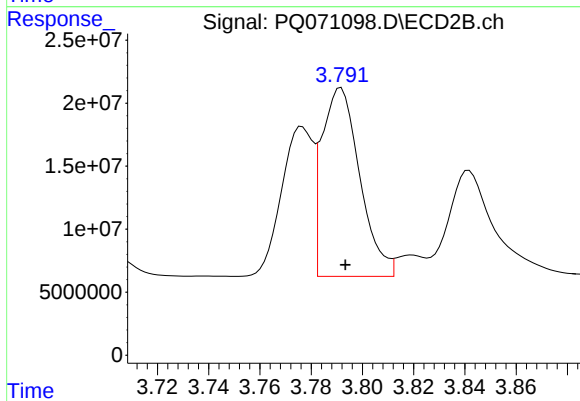
#3 AR-1016-1

R.T.: 3.776 min  
Delta R.T.: -0.002 min  
Response: 101687766  
Conc: 453.96 ng/ml



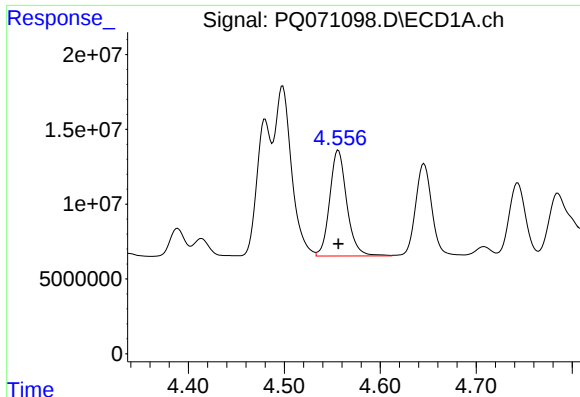
#4 AR-1016-2

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 139557896  
Conc: 544.52 ng/ml



#4 AR-1016-2

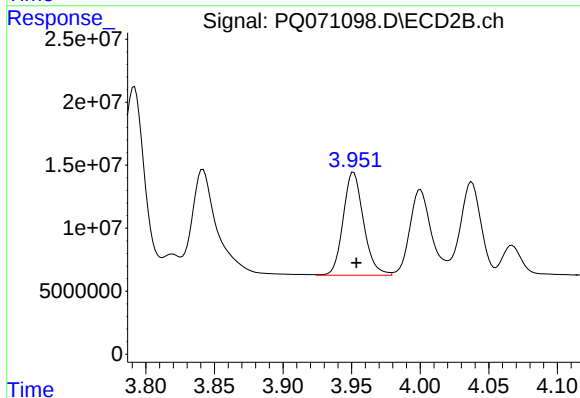
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 153937508  
Conc: 452.59 ng/ml



#5 AR-1016-3

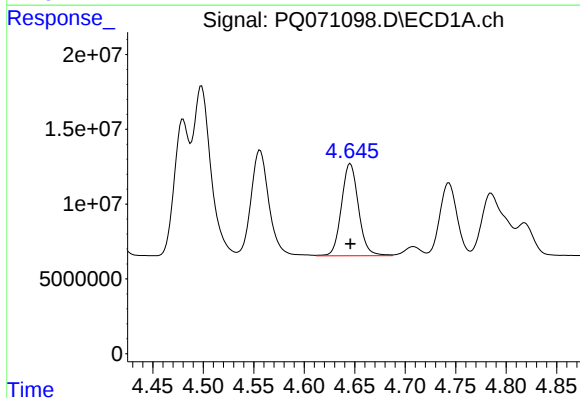
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 87553181  
Conc: 550.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



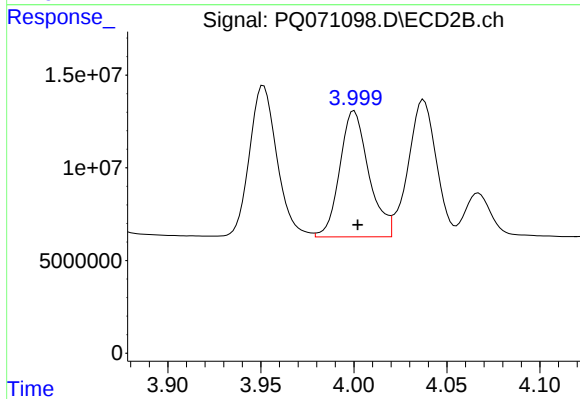
#5 AR-1016-3

R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 84551328  
Conc: 464.93 ng/ml



#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 72295198  
Conc: 556.42 ng/ml



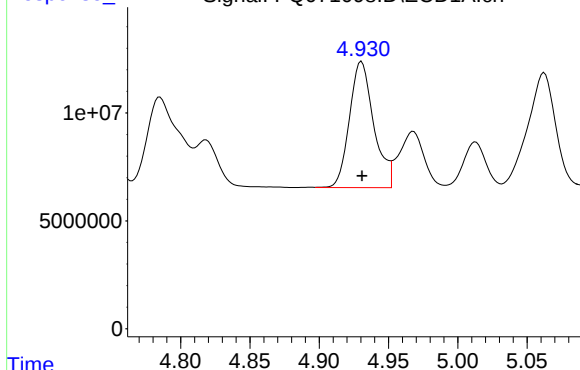
#6 AR-1016-4

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 73908323  
Conc: 469.52 ng/ml

Response\_

Signal: PQ071098.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 71307935  
Conc: 553.62 ng/ml

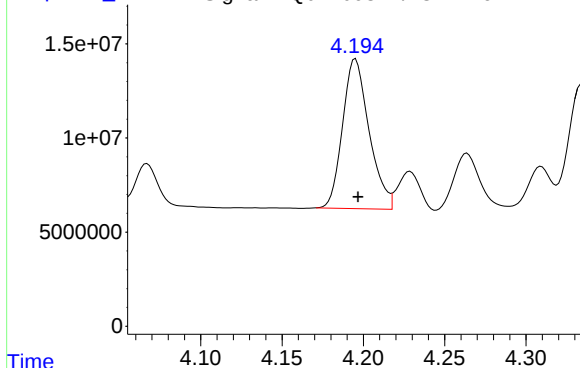
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Time

Response\_

Signal: PQ071098.D\ECD2B.ch

#7 AR-1016-5



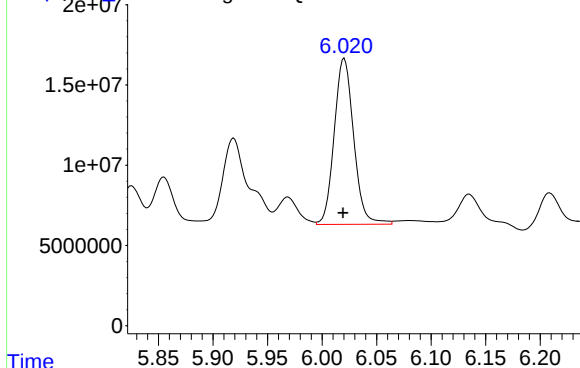
R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 90283665  
Conc: 470.61 ng/ml

Time

Response\_

Signal: PQ071098.D\ECD1A.ch

#31 AR-1260-1



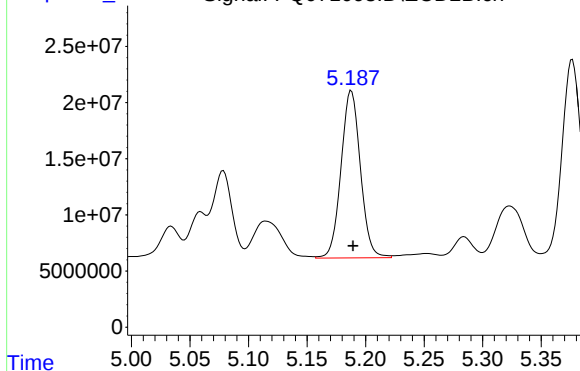
R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 128806974  
Conc: 549.35 ng/ml

Time

Response\_

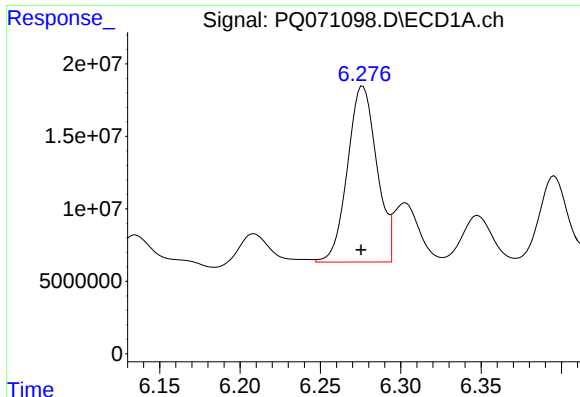
Signal: PQ071098.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.188 min  
Delta R.T.: -0.002 min  
Response: 171749369  
Conc: 476.54 ng/ml

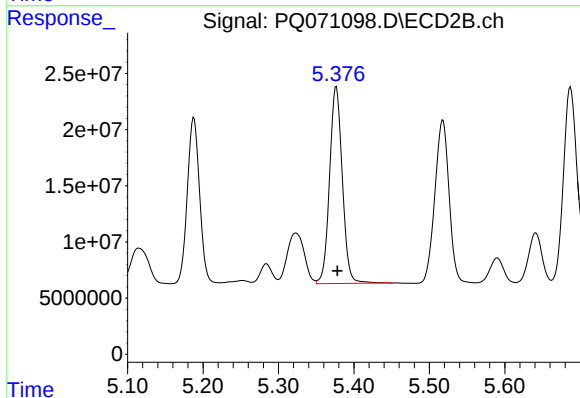
Time



#32 AR-1260-2

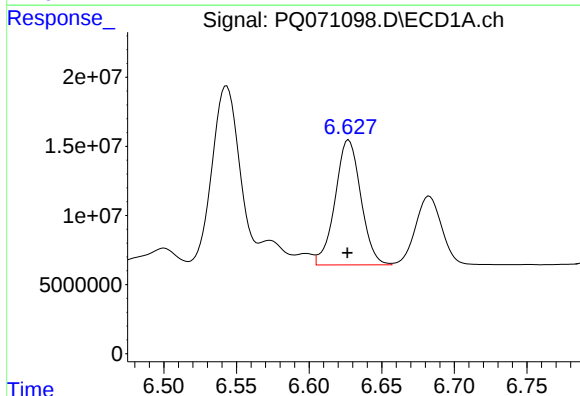
R.T.: 6.276 min  
Delta R.T.: 0.001 min  
Response: 153374679  
Conc: 554.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



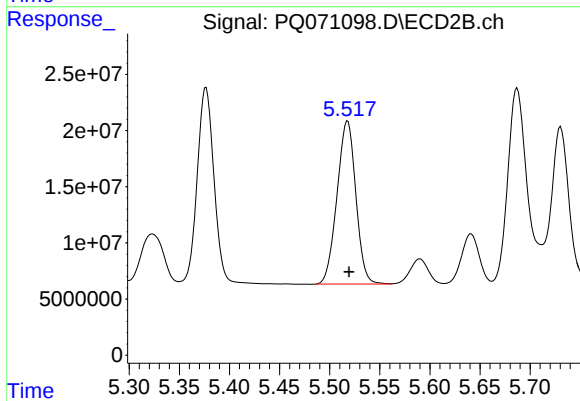
#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 205938787  
Conc: 468.05 ng/ml



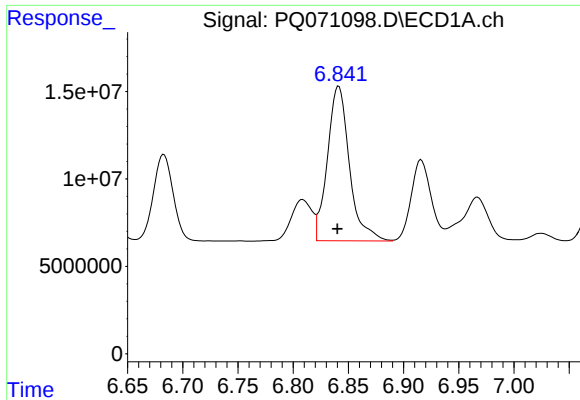
#33 AR-1260-3

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 111505480  
Conc: 559.46 ng/ml



#33 AR-1260-3

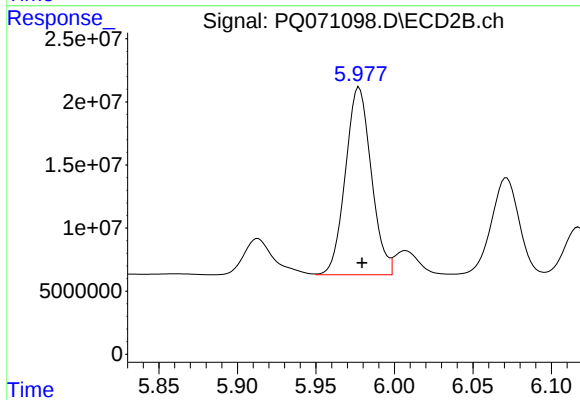
R.T.: 5.518 min  
Delta R.T.: -0.001 min  
Response: 190012140  
Conc: 457.86 ng/ml



#34 AR-1260-4

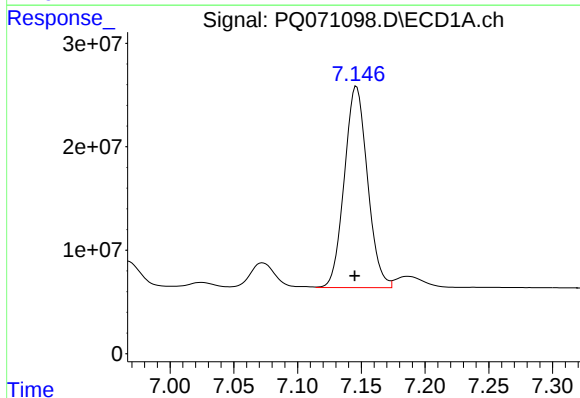
R.T.: 6.841 min  
Delta R.T.: 0.001 min  
Response: 122740873  
Conc: 571.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



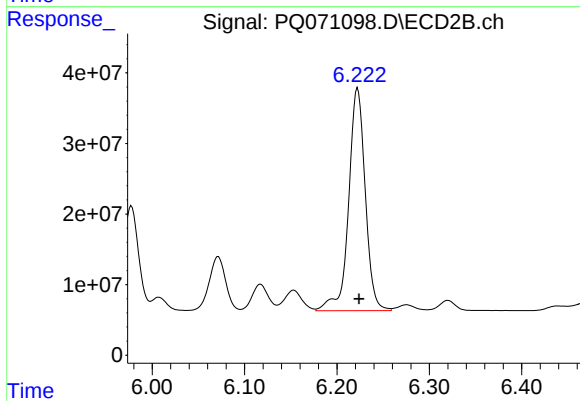
#34 AR-1260-4

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 170435739  
Conc: 473.74 ng/ml



#35 AR-1260-5

R.T.: 7.146 min  
Delta R.T.: 0.001 min  
Response: 245426911  
Conc: 565.79 ng/ml



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 394628779  
Conc: 469.64 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 17:59

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Aroclor-1016-2       | (2) | 4.50       | 4.50      | 4.40      | 4.60 | 0.00       |
| Aroclor-1016-3       | (3) | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| Aroclor-1016-4       | (4) | 4.65       | 4.65      | 4.55      | 4.75 | 0.00       |
| Aroclor-1016-5       | (5) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1260-1       | (1) | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| Aroclor-1260-2       | (2) | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| Aroclor-1260-3       | (3) | 6.63       | 6.63      | 6.53      | 6.73 | 0.00       |
| Aroclor-1260-4       | (4) | 6.84       | 6.84      | 6.74      | 6.94 | 0.00       |
| Aroclor-1260-5       | (5) | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| Tetrachloro-m-xylene |     | 3.40       | 3.40      | 3.30      | 3.50 | 0.00       |
| Decachlorobiphenyl   |     | 8.50       | 8.50      | 8.40      | 8.60 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/23/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 17:59

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Aroclor-1016-2       | (2) | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Aroclor-1016-3       | (3) | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Aroclor-1016-4       | (4) | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| Aroclor-1016-5       | (5) | 4.20       | 4.20      | 4.10      | 4.30 | 0.00       |
| Aroclor-1260-1       | (1) | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| Aroclor-1260-2       | (2) | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Aroclor-1260-3       | (3) | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| Aroclor-1260-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08 | 0.00       |
| Aroclor-1260-5       | (5) | 6.22       | 6.22      | 6.12      | 6.32 | 0.00       |
| Tetrachloro-m-xylene |     | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| Decachlorobiphenyl   |     | 7.53       | 7.53      | 7.43      | 7.63 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071113.D **Time Analyzed:** 17:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.480 | 4.380     | 4.580 | 544.580            | 500.000           | 8.9  |
| Aroclor-1016-2       | 4.499 | 4.399     | 4.599 | 548.660            | 500.000           | 9.7  |
| Aroclor-1016-3       | 4.556 | 4.456     | 4.656 | 555.030            | 500.000           | 11.0 |
| Aroclor-1016-4       | 4.646 | 4.546     | 4.746 | 561.360            | 500.000           | 12.3 |
| Aroclor-1016-5       | 4.930 | 4.831     | 5.031 | 552.730            | 500.000           | 10.5 |
| Aroclor-1260-1       | 6.020 | 5.919     | 6.119 | 554.140            | 500.000           | 10.8 |
| Aroclor-1260-2       | 6.276 | 6.175     | 6.375 | 560.510            | 500.000           | 12.1 |
| Aroclor-1260-3       | 6.628 | 6.526     | 6.726 | 569.440            | 500.000           | 13.9 |
| Aroclor-1260-4       | 6.841 | 6.740     | 6.940 | 581.630            | 500.000           | 16.3 |
| Aroclor-1260-5       | 7.147 | 7.045     | 7.245 | 575.760            | 500.000           | 15.2 |
| Decachlorobiphenyl   | 8.498 | 8.396     | 8.596 | 57.760             | 50.000            | 15.5 |
| Tetrachloro-m-xylene | 3.400 | 3.300     | 3.500 | 54.630             | 50.000            | 9.3  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071113.D **Time Analyzed:** 17:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 3.776 | 3.678     | 3.878 | 447.270            | 500.000           | -10.5 |
| Aroclor-1016-2       | 3.791 | 3.693     | 3.893 | 454.990            | 500.000           | -9.0  |
| Aroclor-1016-3       | 3.952 | 3.853     | 4.053 | 468.020            | 500.000           | -6.4  |
| Aroclor-1016-4       | 4.000 | 3.902     | 4.102 | 465.860            | 500.000           | -6.8  |
| Aroclor-1016-5       | 4.195 | 4.097     | 4.297 | 471.500            | 500.000           | -5.7  |
| Aroclor-1260-1       | 5.187 | 5.089     | 5.289 | 475.400            | 500.000           | -4.9  |
| Aroclor-1260-2       | 5.377 | 5.278     | 5.478 | 464.790            | 500.000           | -7.0  |
| Aroclor-1260-3       | 5.518 | 5.419     | 5.619 | 460.820            | 500.000           | -7.8  |
| Aroclor-1260-4       | 5.978 | 5.879     | 6.079 | 472.380            | 500.000           | -5.5  |
| Aroclor-1260-5       | 6.223 | 6.124     | 6.324 | 455.280            | 500.000           | -8.9  |
| Decachlorobiphenyl   | 7.532 | 7.433     | 7.633 | 55.270             | 50.000            | 10.5  |
| Tetrachloro-m-xylene | 2.776 | 2.678     | 2.878 | 48.960             | 50.000            | -2.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
 Data File : PQ071113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 17:59  
 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: Oct 24 02:41:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.400 | 2.776 | 237.7E6  | 248.7E6  | 54.631  | 48.964  |
| 2) SA Decachlor...          | 8.498 | 7.532 | 167.7E6  | 279.1E6  | 57.758  | 55.267  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.776 | 89389338 | 100.2E6  | 544.579 | 447.266 |
| 4) L1 AR-1016-2             | 4.499 | 3.791 | 140.6E6  | 154.8E6  | 548.656 | 454.995 |
| 5) L1 AR-1016-3             | 4.556 | 3.952 | 88315895 | 85113600 | 555.033 | 468.020 |
| 6) L1 AR-1016-4             | 4.646 | 4.000 | 72936890 | 73332715 | 561.358 | 465.863 |
| 7) L1 AR-1016-5             | 4.930 | 4.195 | 71192567 | 90453010 | 552.725 | 471.498 |
| 31) L7 AR-1260-1            | 6.020 | 5.187 | 129.9E6  | 171.3E6  | 554.141 | 475.397 |
| 32) L7 AR-1260-2            | 6.276 | 5.377 | 155.0E6  | 204.5E6  | 560.508 | 464.792 |
| 33) L7 AR-1260-3            | 6.628 | 5.518 | 113.5E6  | 191.2E6  | 569.438 | 460.815 |
| 34) L7 AR-1260-4            | 6.841 | 5.978 | 125.0E6  | 169.9E6  | 581.627 | 472.384 |
| 35) L7 AR-1260-5            | 7.147 | 6.223 | 249.8E6  | 382.6E6  | 575.765 | 455.275 |
| -----                       |       |       |          |          |         |         |

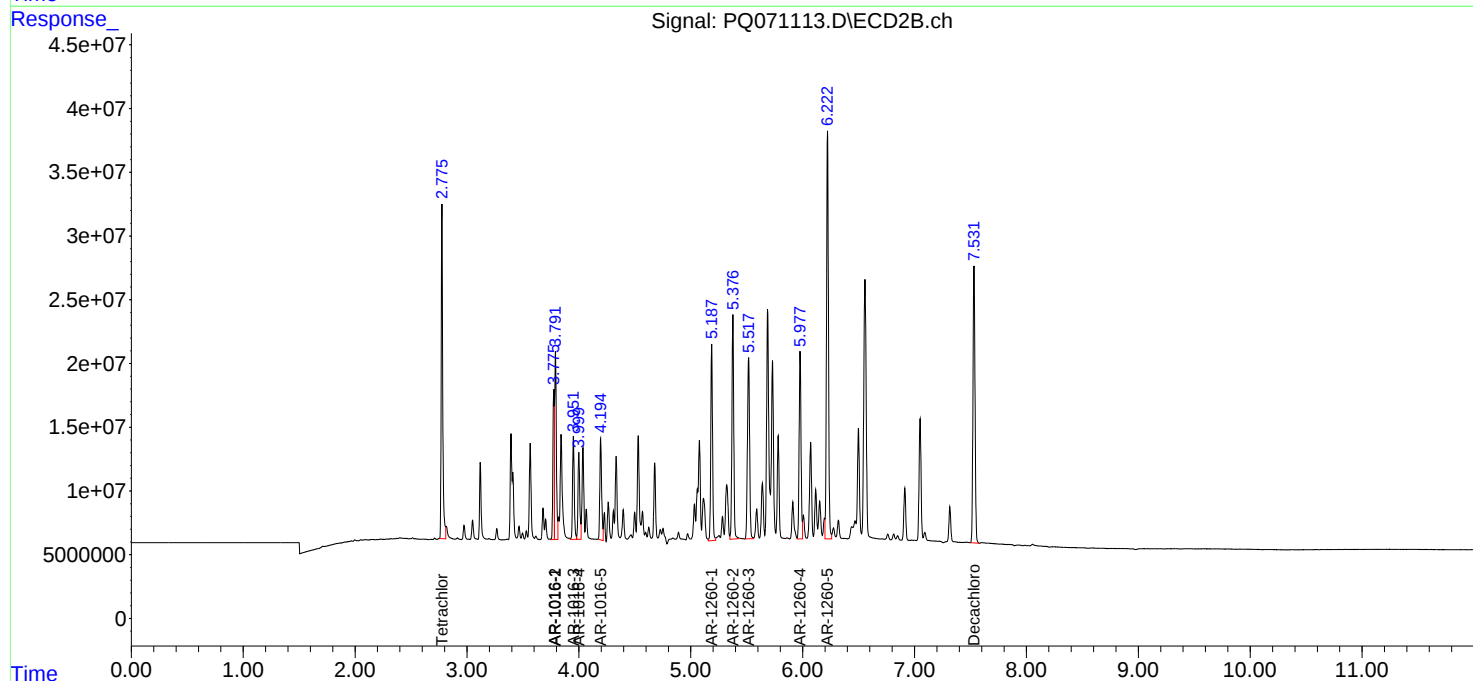
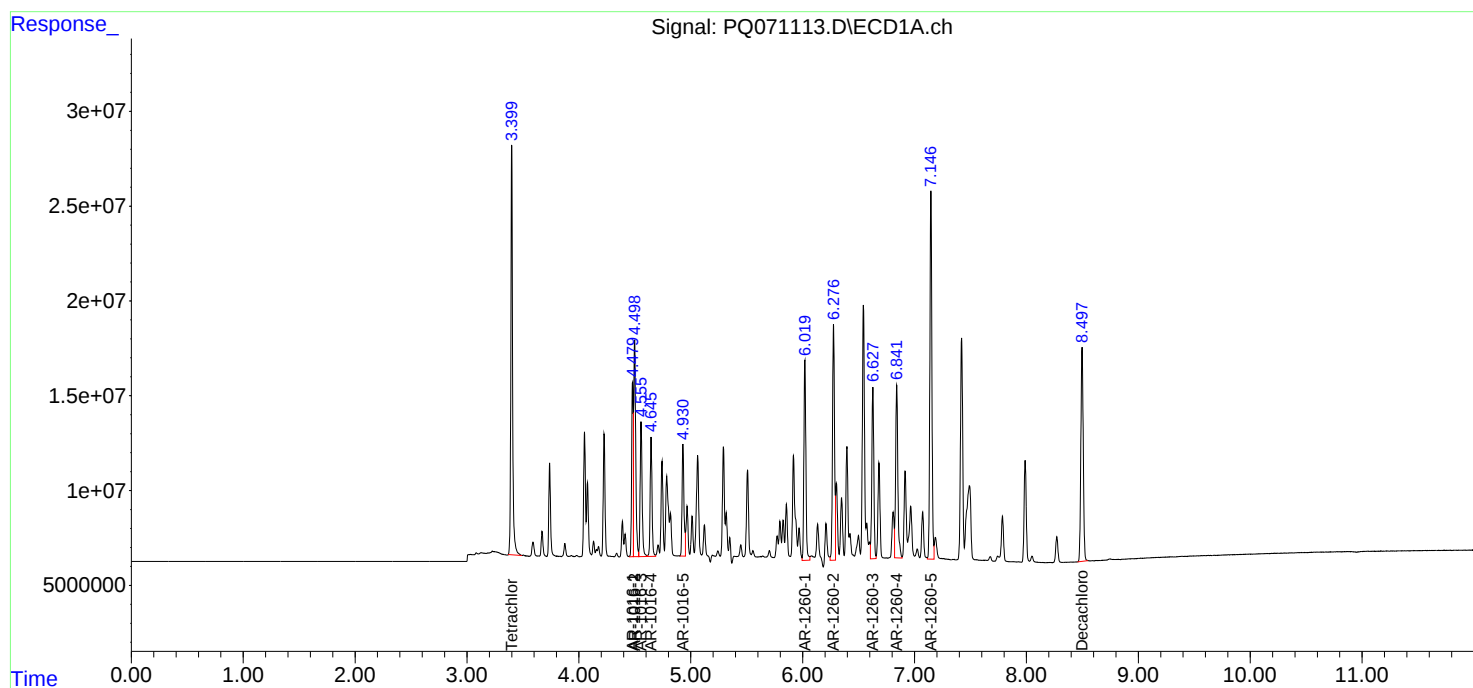
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

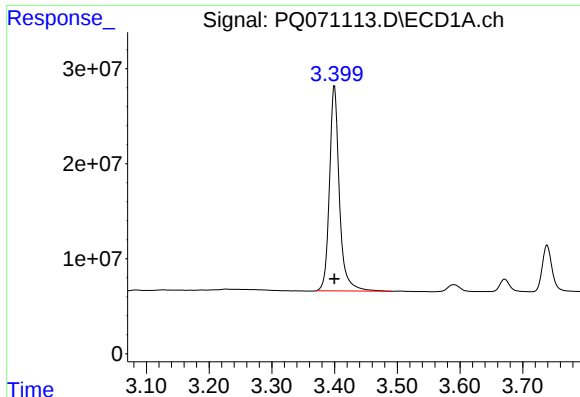
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 17:59  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:41:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

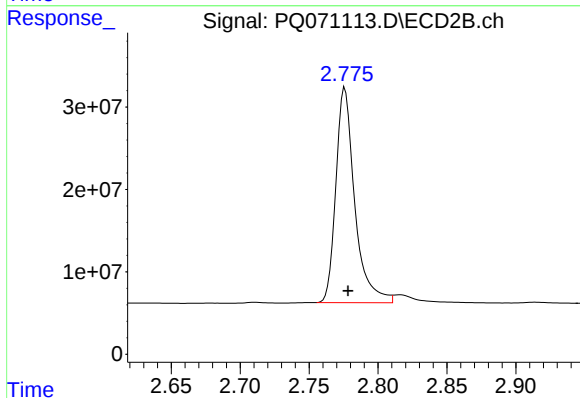




## #1 Tetrachloro-m-xylene

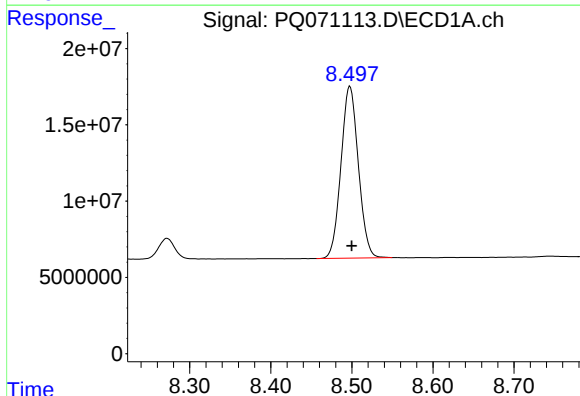
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 237658937  
Conc: 54.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



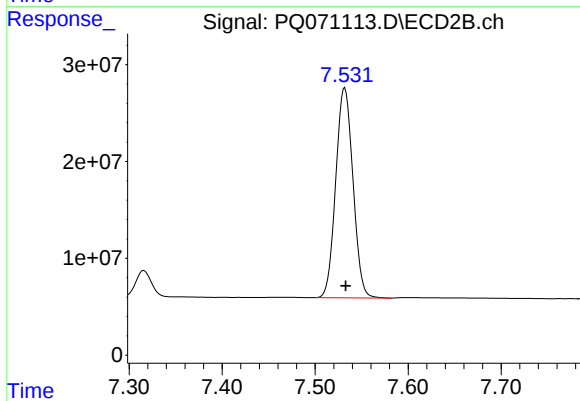
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 248739820  
Conc: 48.96 ng/ml



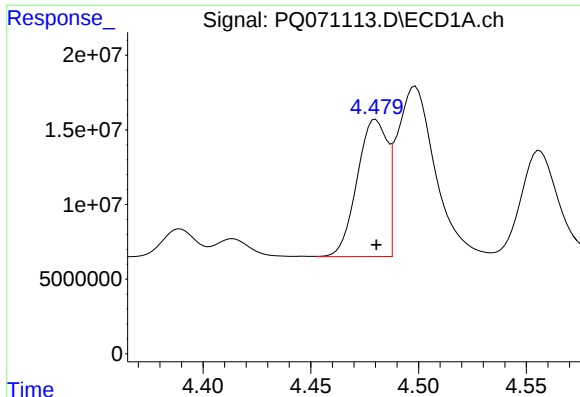
## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 167729547  
Conc: 57.76 ng/ml



## #2 Decachlorobiphenyl

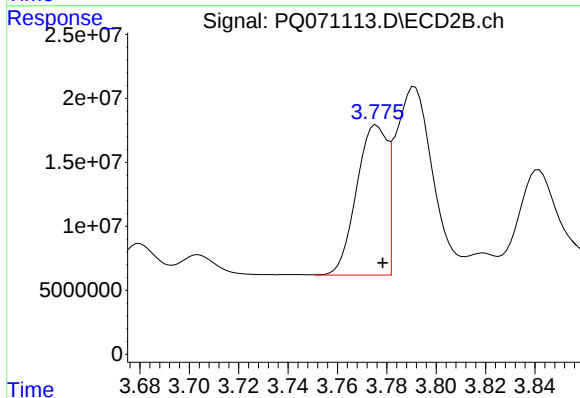
R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 279071856  
Conc: 55.27 ng/ml



#3 AR-1016-1

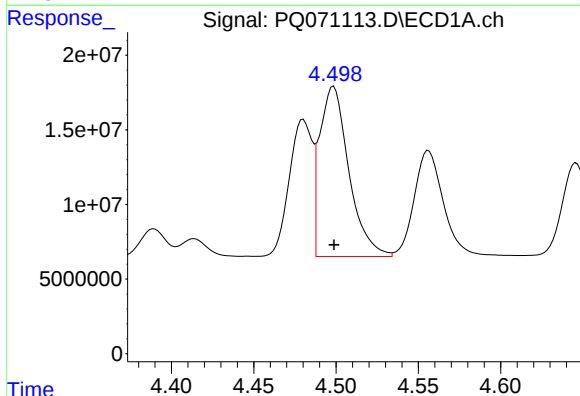
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 89389338  
Conc: 544.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



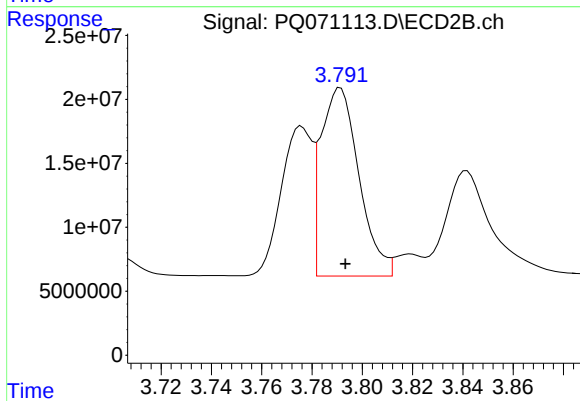
#3 AR-1016-1

R.T.: 3.776 min  
Delta R.T.: -0.003 min  
Response: 100188536  
Conc: 447.27 ng/ml



#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 140617502  
Conc: 548.66 ng/ml

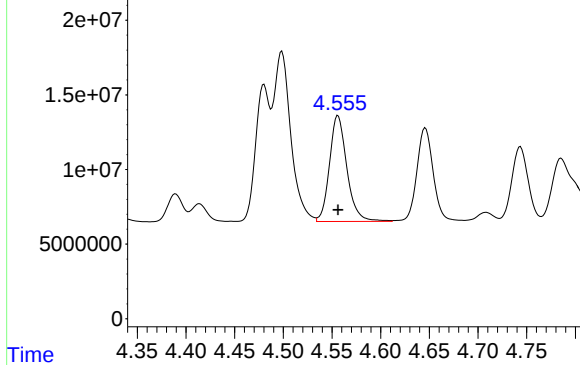


#4 AR-1016-2

R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 154754242  
Conc: 454.99 ng/ml

Response\_ Signal: PQ071113.D\ECD1A.ch

#5 AR-1016-3

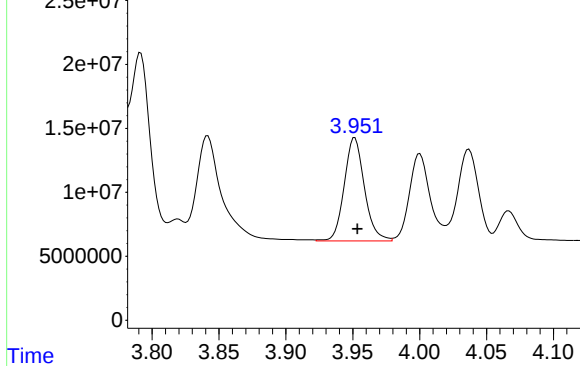


R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 88315895  
Conc: 555.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Response\_ Signal: PQ071113.D\ECD2B.ch

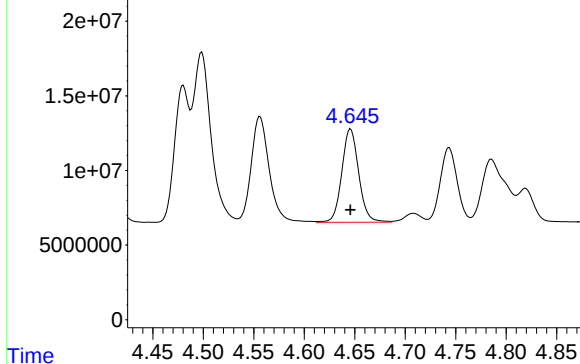
#5 AR-1016-3



R.T.: 3.952 min  
Delta R.T.: -0.002 min  
Response: 85113600  
Conc: 468.02 ng/ml

Response\_ Signal: PQ071113.D\ECD1A.ch

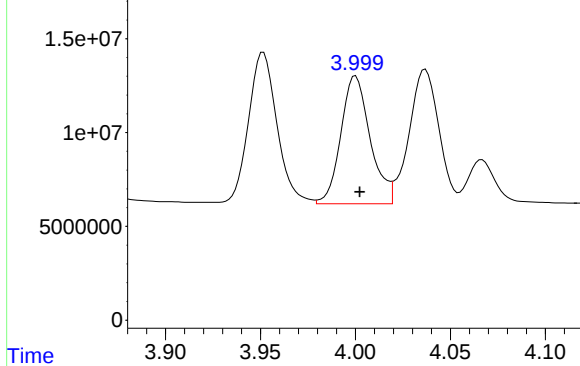
#6 AR-1016-4



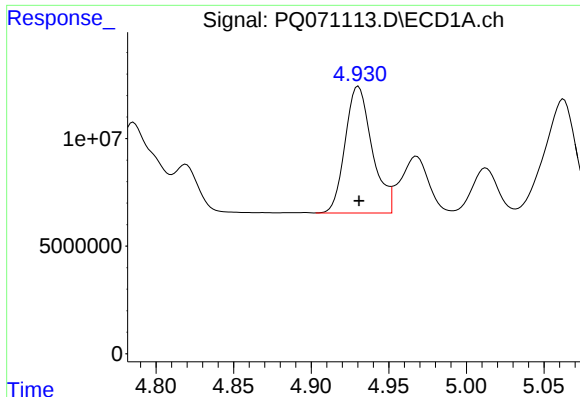
R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 72936890  
Conc: 561.36 ng/ml

Response\_ Signal: PQ071113.D\ECD2B.ch

#6 AR-1016-4



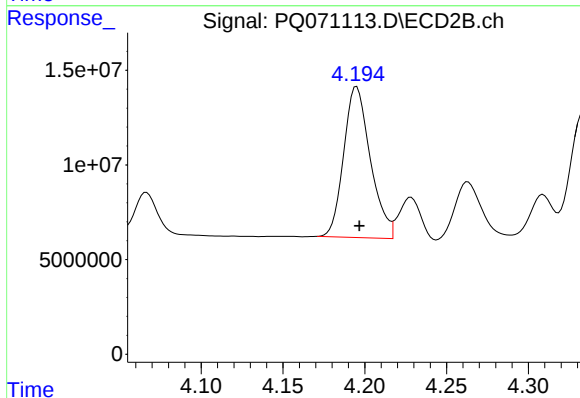
R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 73332715  
Conc: 465.86 ng/ml



#7 AR-1016-5

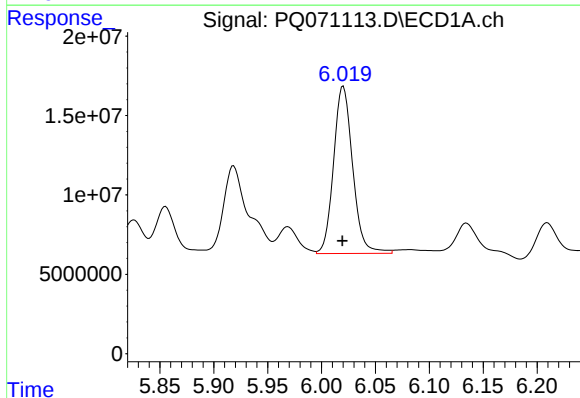
R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 71192567  
Conc: 552.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



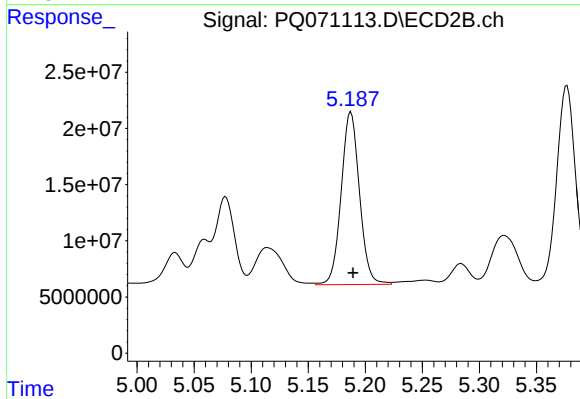
#7 AR-1016-5

R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 90453010  
Conc: 471.50 ng/ml



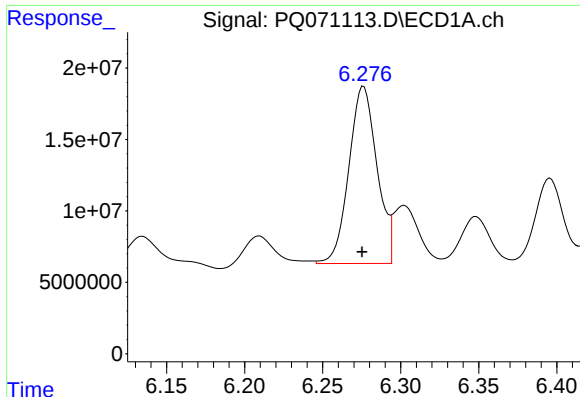
#31 AR-1260-1

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 129930014  
Conc: 554.14 ng/ml



#31 AR-1260-1

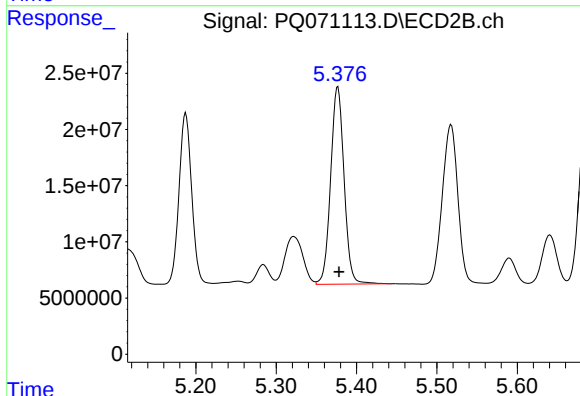
R.T.: 5.187 min  
Delta R.T.: -0.002 min  
Response: 171335732  
Conc: 475.40 ng/ml



#32 AR-1260-2

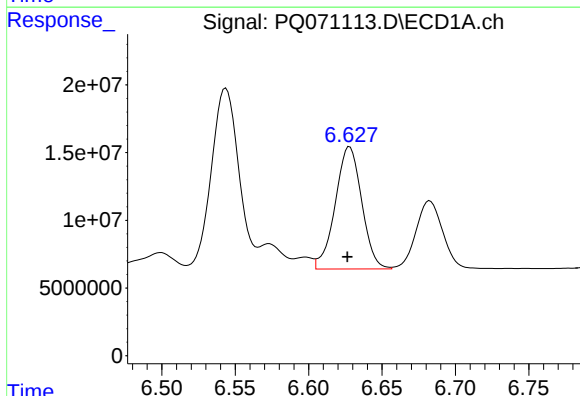
R.T.: 6.276 min  
Delta R.T.: 0.001 min  
Response: 155041568  
Conc: 560.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



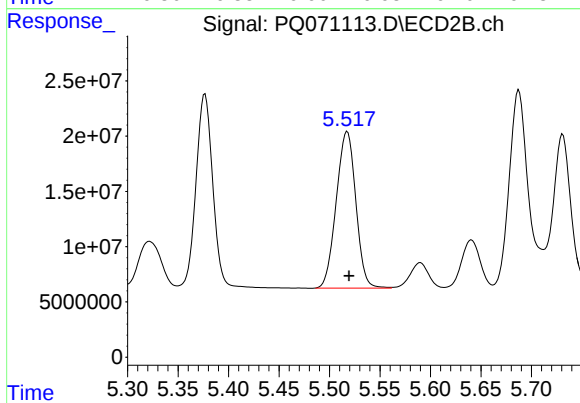
#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: -0.001 min  
Response: 204505468  
Conc: 464.79 ng/ml



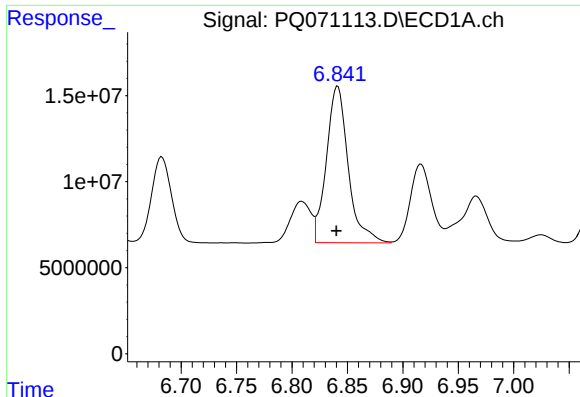
#33 AR-1260-3

R.T.: 6.628 min  
Delta R.T.: 0.002 min  
Response: 113493680  
Conc: 569.44 ng/ml



#33 AR-1260-3

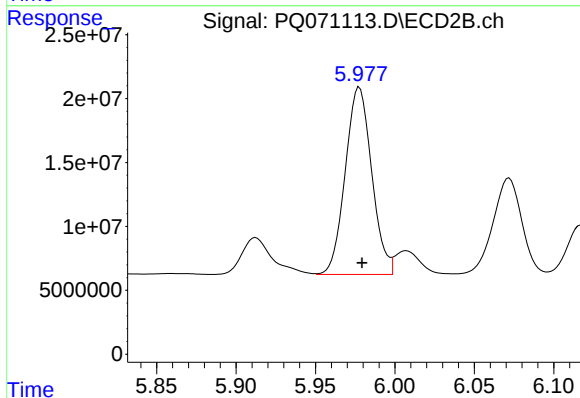
R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: 191238096  
Conc: 460.82 ng/ml



#34 AR-1260-4

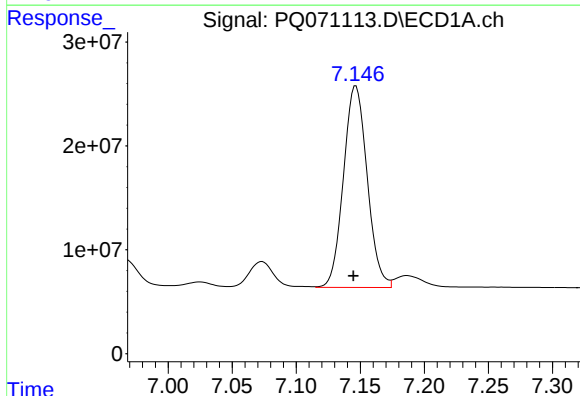
R.T.: 6.841 min  
Delta R.T.: 0.001 min  
Response: 124981892  
Conc: 581.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



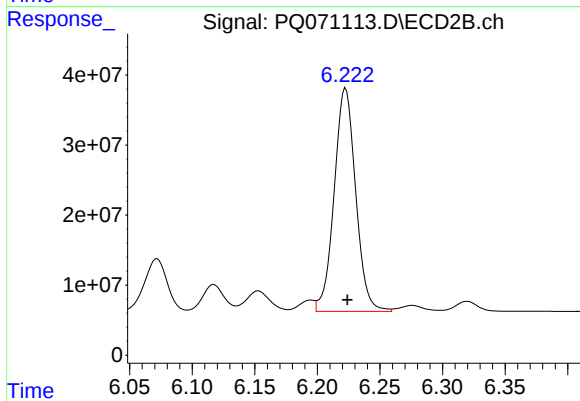
#34 AR-1260-4

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 169946256  
Conc: 472.38 ng/ml



#35 AR-1260-5

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 249753558  
Conc: 575.76 ng/ml



#35 AR-1260-5

R.T.: 6.223 min  
Delta R.T.: -0.001 min  
Response: 382559584  
Conc: 455.28 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 08:52

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Aroclor-1016-2       | (2) | 4.50       | 4.50      | 4.40      | 4.60 | 0.00       |
| Aroclor-1016-3       | (3) | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| Aroclor-1016-4       | (4) | 4.65       | 4.65      | 4.55      | 4.75 | 0.00       |
| Aroclor-1016-5       | (5) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1260-1       | (1) | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| Aroclor-1260-2       | (2) | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| Aroclor-1260-3       | (3) | 6.63       | 6.63      | 6.53      | 6.73 | 0.00       |
| Aroclor-1260-4       | (4) | 6.84       | 6.84      | 6.74      | 6.94 | 0.00       |
| Aroclor-1260-5       | (5) | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| Tetrachloro-m-xylene |     | 3.40       | 3.40      | 3.30      | 3.50 | 0.00       |
| Decachlorobiphenyl   |     | 8.50       | 8.50      | 8.40      | 8.60 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 08:52

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Aroclor-1016-2       | (2) | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Aroclor-1016-3       | (3) | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Aroclor-1016-4       | (4) | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| Aroclor-1016-5       | (5) | 4.20       | 4.20      | 4.10      | 4.30 | 0.00       |
| Aroclor-1260-1       | (1) | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| Aroclor-1260-2       | (2) | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Aroclor-1260-3       | (3) | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| Aroclor-1260-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08 | 0.00       |
| Aroclor-1260-5       | (5) | 6.22       | 6.22      | 6.12      | 6.32 | 0.00       |
| Tetrachloro-m-xylene |     | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| Decachlorobiphenyl   |     | 7.53       | 7.53      | 7.43      | 7.63 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/24/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071119.D **Time Analyzed:** 08:52

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.480 | 4.380     | 4.580 | 529.290            | 500.000           | 5.9  |
| Aroclor-1016-2       | 4.499 | 4.399     | 4.599 | 527.760            | 500.000           | 5.6  |
| Aroclor-1016-3       | 4.557 | 4.456     | 4.656 | 540.370            | 500.000           | 8.1  |
| Aroclor-1016-4       | 4.647 | 4.546     | 4.746 | 539.790            | 500.000           | 8.0  |
| Aroclor-1016-5       | 4.931 | 4.831     | 5.031 | 531.950            | 500.000           | 6.4  |
| Aroclor-1260-1       | 6.021 | 5.919     | 6.119 | 517.090            | 500.000           | 3.4  |
| Aroclor-1260-2       | 6.277 | 6.175     | 6.375 | 516.680            | 500.000           | 3.3  |
| Aroclor-1260-3       | 6.628 | 6.526     | 6.726 | 542.990            | 500.000           | 8.6  |
| Aroclor-1260-4       | 6.842 | 6.740     | 6.940 | 552.950            | 500.000           | 10.6 |
| Aroclor-1260-5       | 7.147 | 7.045     | 7.245 | 543.020            | 500.000           | 8.6  |
| Decachlorobiphenyl   | 8.499 | 8.396     | 8.596 | 54.590             | 50.000            | 9.2  |
| Tetrachloro-m-xylene | 3.400 | 3.300     | 3.500 | 52.510             | 50.000            | 5.0  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/24/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071119.D **Time Analyzed:** 08:52

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 3.776 | 3.678     | 3.878 | 423.330            | 500.000           | -15.3 |
| Aroclor-1016-2       | 3.791 | 3.693     | 3.893 | 423.970            | 500.000           | -15.2 |
| Aroclor-1016-3       | 3.952 | 3.853     | 4.053 | 438.320            | 500.000           | -12.3 |
| Aroclor-1016-4       | 4.000 | 3.902     | 4.102 | 444.030            | 500.000           | -11.2 |
| Aroclor-1016-5       | 4.195 | 4.097     | 4.297 | 436.450            | 500.000           | -12.7 |
| Aroclor-1260-1       | 5.187 | 5.089     | 5.289 | 433.170            | 500.000           | -13.4 |
| Aroclor-1260-2       | 5.376 | 5.278     | 5.478 | 431.050            | 500.000           | -13.8 |
| Aroclor-1260-3       | 5.517 | 5.419     | 5.619 | 433.100            | 500.000           | -13.4 |
| Aroclor-1260-4       | 5.977 | 5.879     | 6.079 | 438.310            | 500.000           | -12.3 |
| Aroclor-1260-5       | 6.222 | 6.124     | 6.324 | 424.780            | 500.000           | -15.0 |
| Decachlorobiphenyl   | 7.532 | 7.433     | 7.633 | 51.170             | 50.000            | 2.3   |
| Tetrachloro-m-xylene | 2.776 | 2.678     | 2.878 | 45.960             | 50.000            | -8.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
 Data File : PQ071119.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2025 08:52  
 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: Oct 24 15:52:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.400 | 2.776 | 228.5E6  | 233.5E6  | 52.515  | 45.963  |
| 2) SA Decachlor...          | 8.499 | 7.532 | 158.5E6  | 258.4E6  | 54.589  | 51.174  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.776 | 86880252 | 94826656 | 529.293 | 423.330 |
| 4) L1 AR-1016-2             | 4.499 | 3.791 | 135.3E6  | 144.2E6  | 527.761 | 423.967 |
| 5) L1 AR-1016-3             | 4.557 | 3.952 | 85983092 | 79712178 | 540.372 | 438.319 |
| 6) L1 AR-1016-4             | 4.647 | 4.000 | 70135057 | 69896387 | 539.794 | 444.033 |
| 7) L1 AR-1016-5             | 4.931 | 4.195 | 68517023 | 83728843 | 531.953 | 436.447 |
| 31) L7 AR-1260-1            | 6.021 | 5.187 | 121.2E6  | 156.1E6  | 517.089 | 433.171 |
| 32) L7 AR-1260-2            | 6.277 | 5.376 | 142.9E6  | 189.7E6  | 516.679 | 431.048 |
| 33) L7 AR-1260-3            | 6.628 | 5.517 | 108.2E6  | 179.7E6  | 542.991 | 433.096 |
| 34) L7 AR-1260-4            | 6.842 | 5.977 | 118.8E6  | 157.7E6  | 552.951 | 438.312 |
| 35) L7 AR-1260-5            | 7.147 | 6.222 | 235.5E6  | 356.9E6  | 543.016 | 424.785 |
| -----                       |       |       |          |          |         |         |

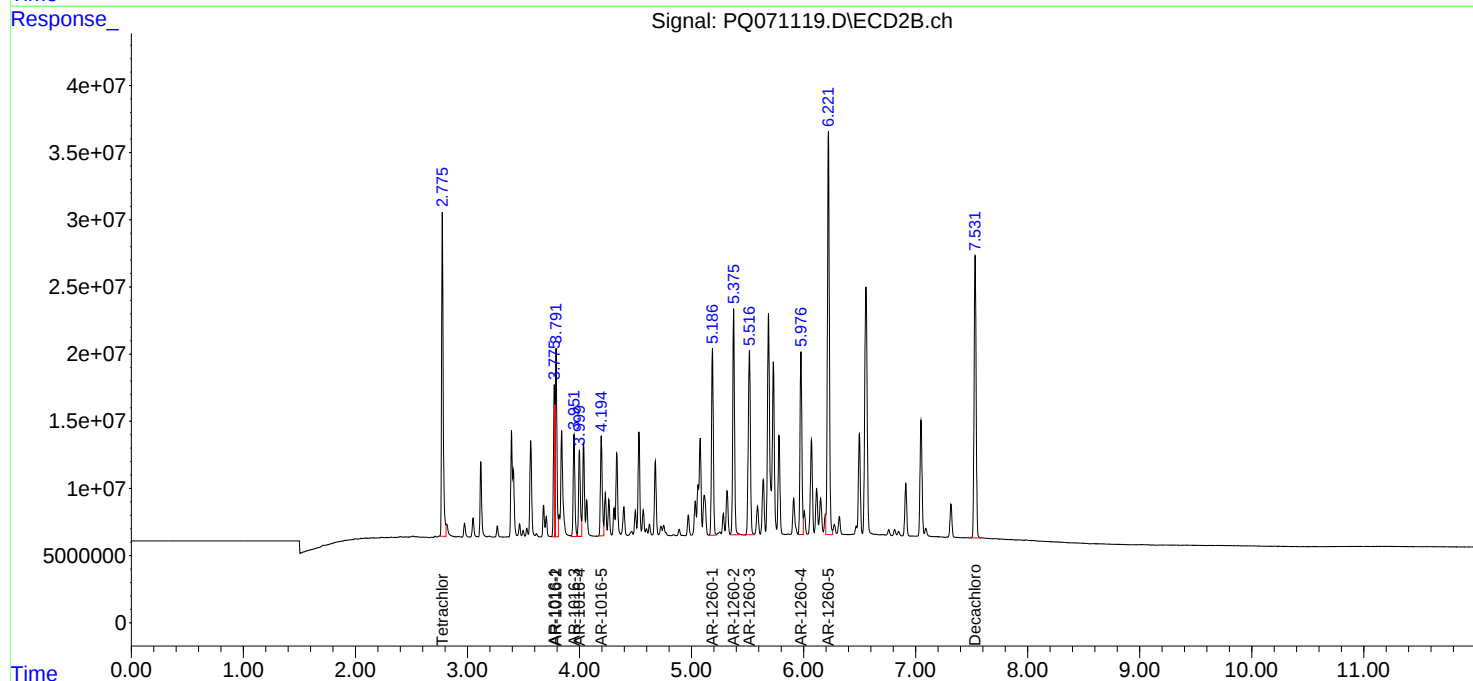
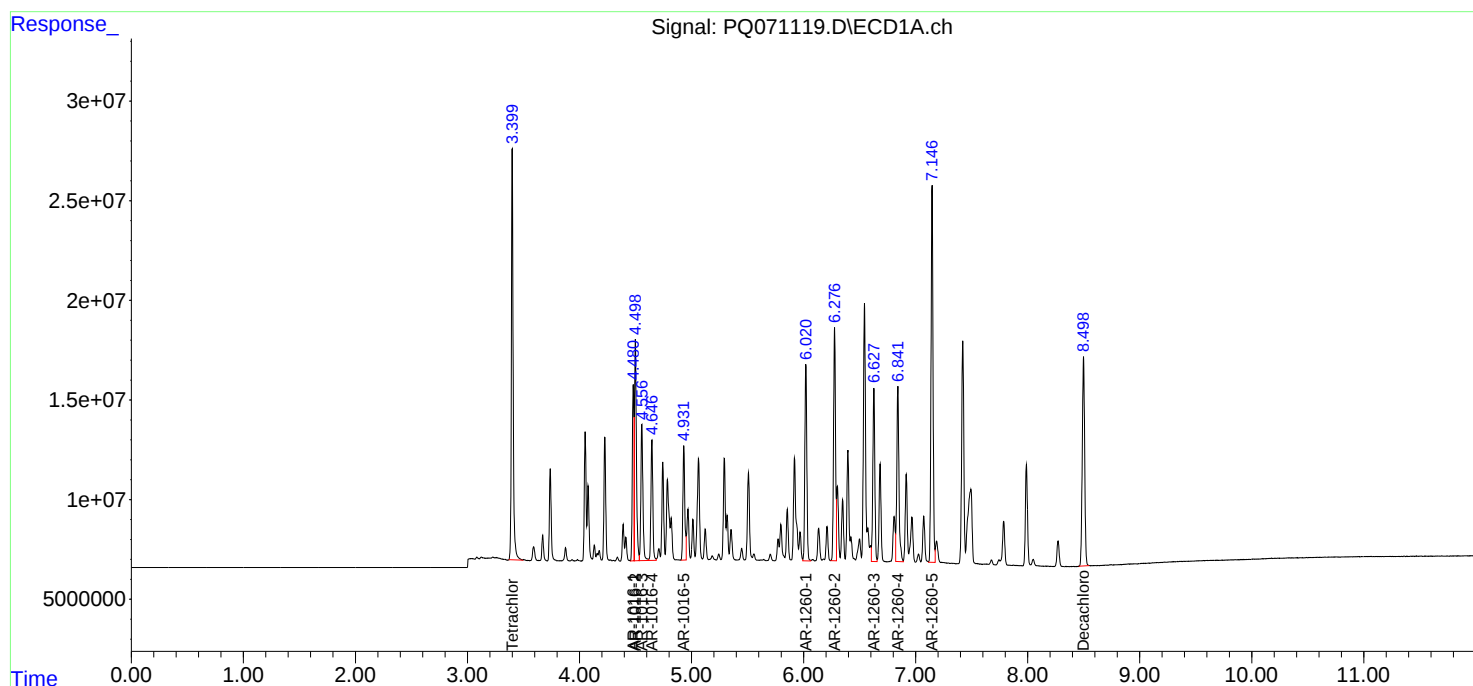
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

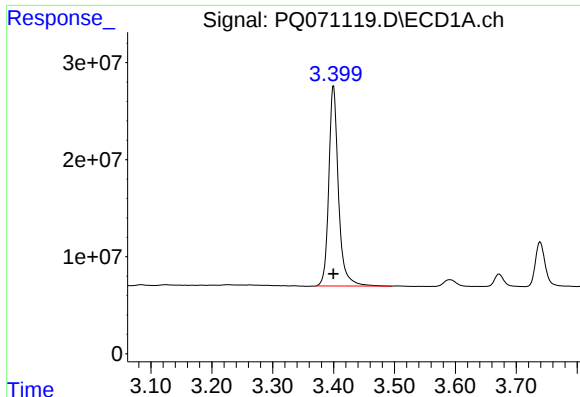
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
Data File : PQ071119.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 08:52  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:52:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

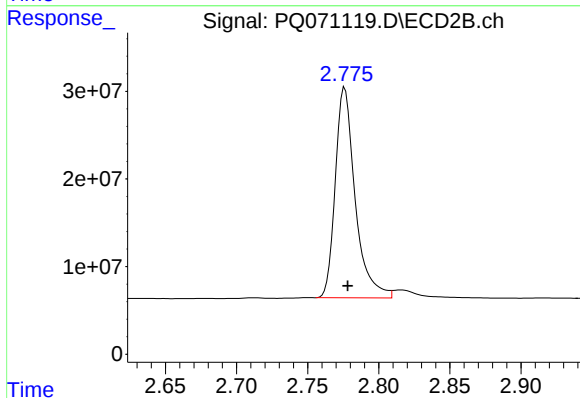




## #1 Tetrachloro-m-xylene

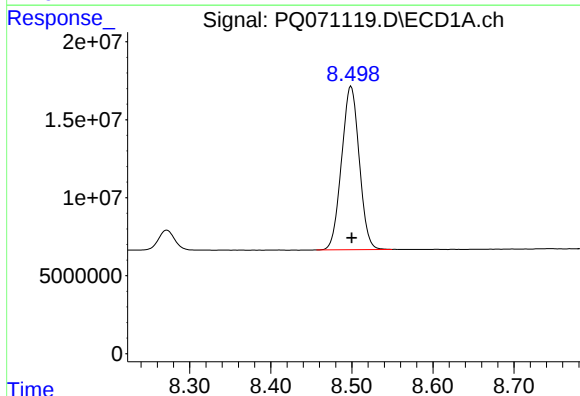
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 228453229  
Conc: 52.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



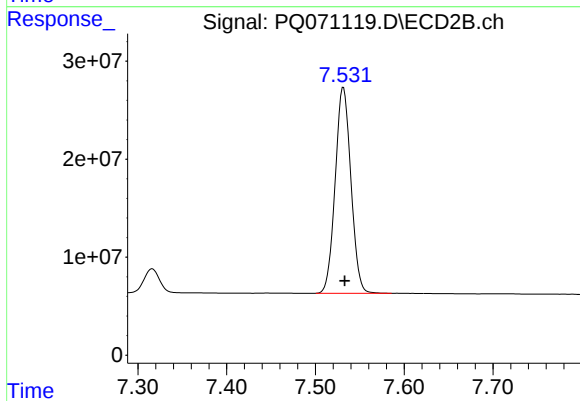
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 233490874  
Conc: 45.96 ng/ml



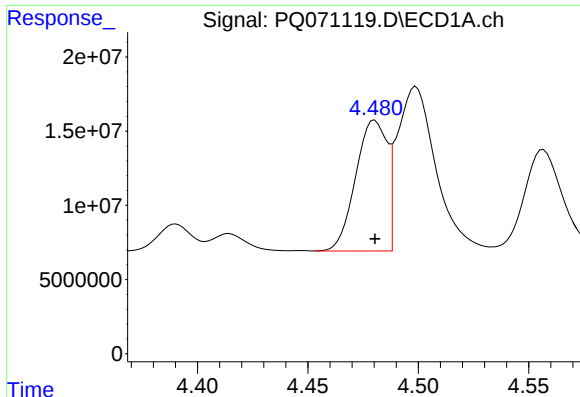
## #2 Decachlorobiphenyl

R.T.: 8.499 min  
Delta R.T.: -0.001 min  
Response: 158524134  
Conc: 54.59 ng/ml



## #2 Decachlorobiphenyl

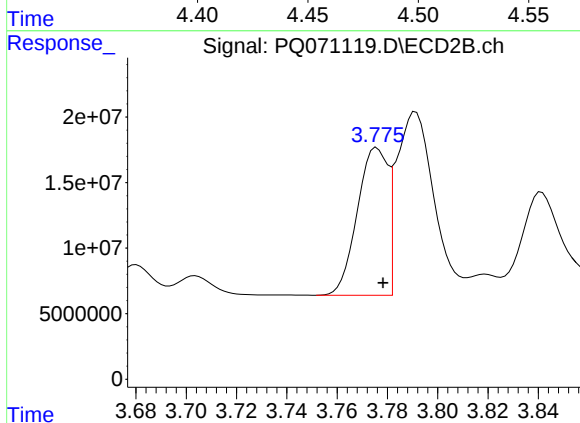
R.T.: 7.532 min  
Delta R.T.: -0.002 min  
Response: 258405138  
Conc: 51.17 ng/ml



#3 AR-1016-1

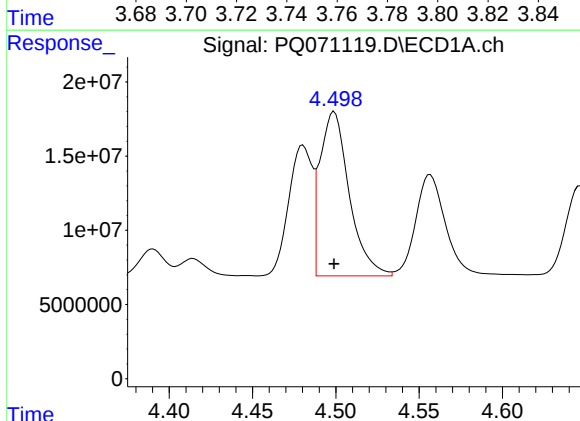
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 86880252  
Conc: 529.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



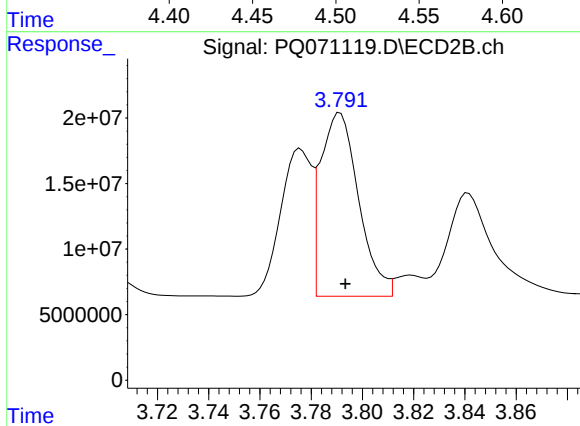
#3 AR-1016-1

R.T.: 3.776 min  
Delta R.T.: -0.003 min  
Response: 94826656  
Conc: 423.33 ng/ml



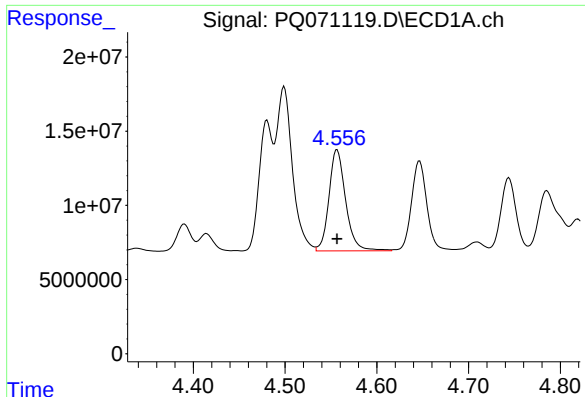
#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 135262098  
Conc: 527.76 ng/ml



#4 AR-1016-2

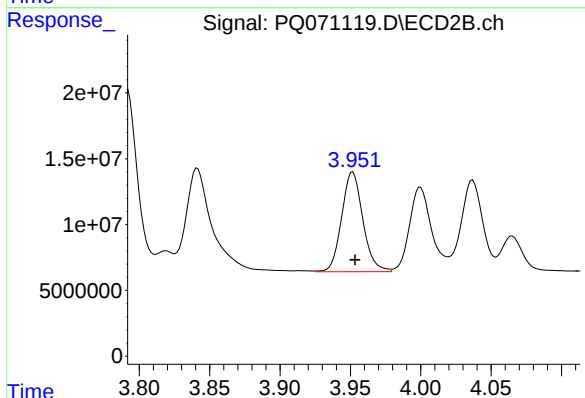
R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 144201064  
Conc: 423.97 ng/ml



#5 AR-1016-3

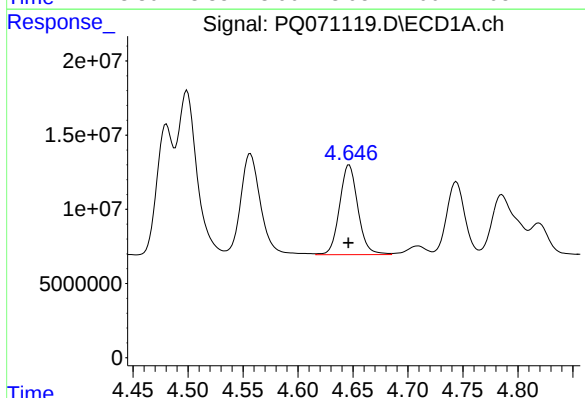
R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 85983092  
Conc: 540.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



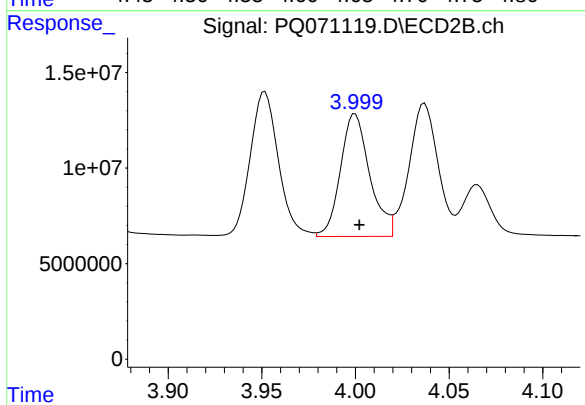
#5 AR-1016-3

R.T.: 3.952 min  
Delta R.T.: -0.002 min  
Response: 79712178  
Conc: 438.32 ng/ml



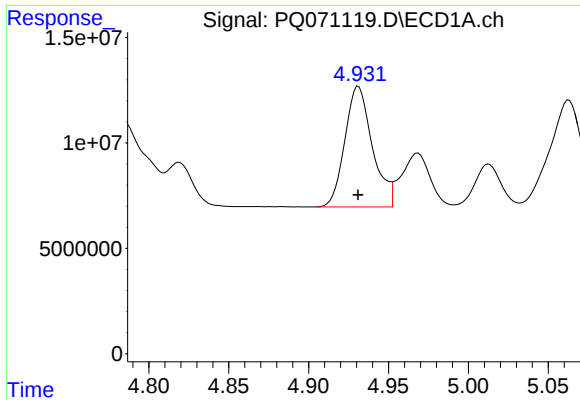
#6 AR-1016-4

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 70135057  
Conc: 539.79 ng/ml



#6 AR-1016-4

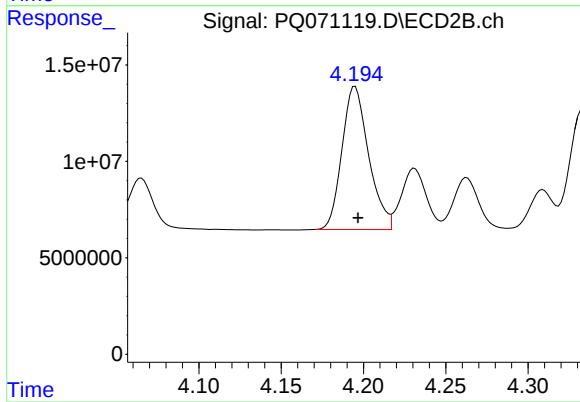
R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 69896387  
Conc: 444.03 ng/ml



#7 AR-1016-5

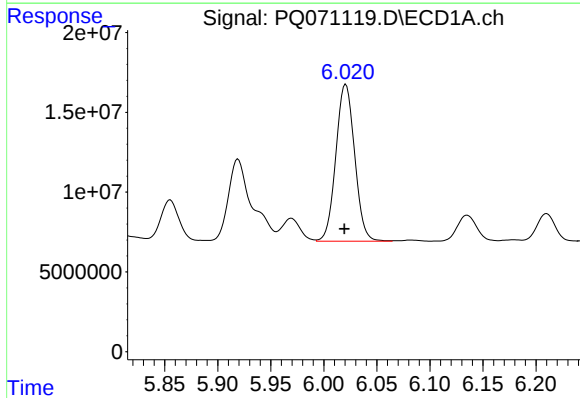
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 68517023  
Conc: 531.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



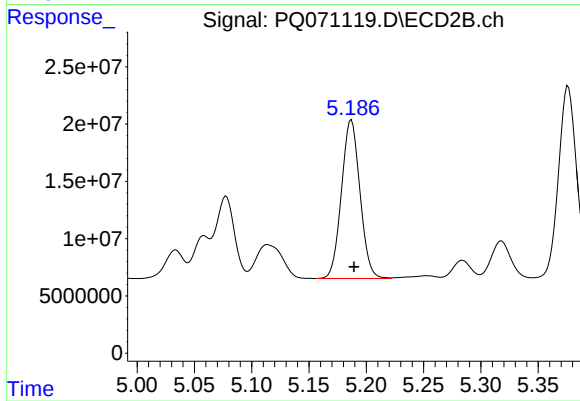
#7 AR-1016-5

R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 83728843  
Conc: 436.45 ng/ml



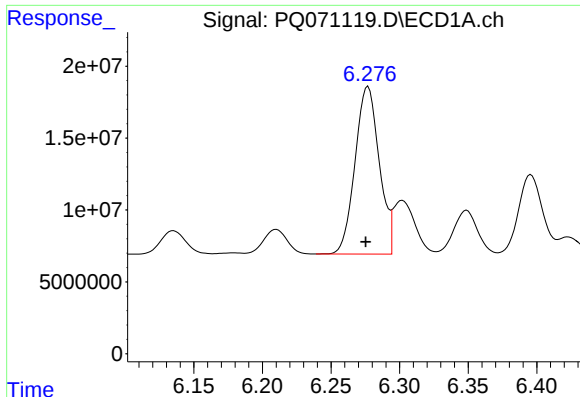
#31 AR-1260-1

R.T.: 6.021 min  
Delta R.T.: 0.001 min  
Response: 121242319  
Conc: 517.09 ng/ml



#31 AR-1260-1

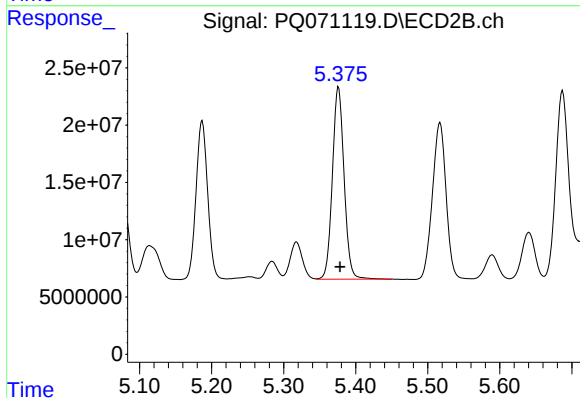
R.T.: 5.187 min  
Delta R.T.: -0.002 min  
Response: 156117537  
Conc: 433.17 ng/ml



#32 AR-1260-2

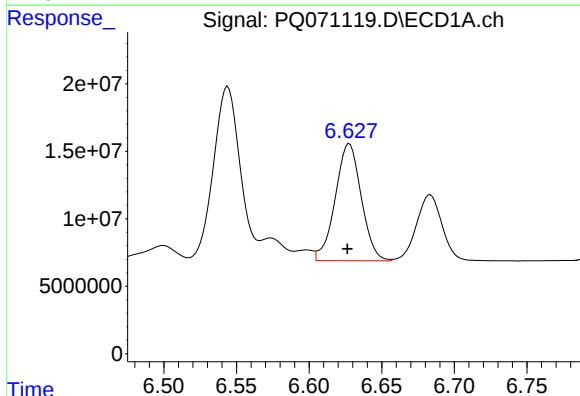
R.T.: 6.277 min  
Delta R.T.: 0.002 min  
Response: 142918068  
Conc: 516.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



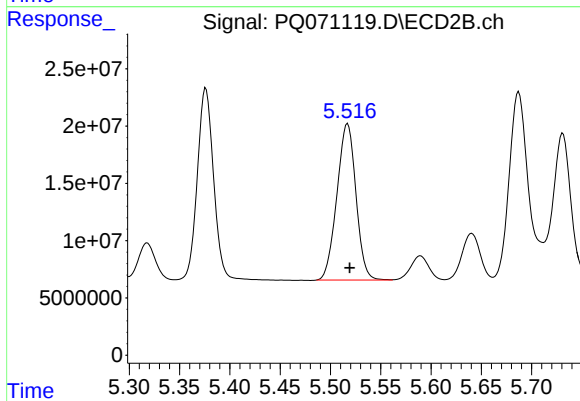
#32 AR-1260-2

R.T.: 5.376 min  
Delta R.T.: -0.002 min  
Response: 189658259  
Conc: 431.05 ng/ml



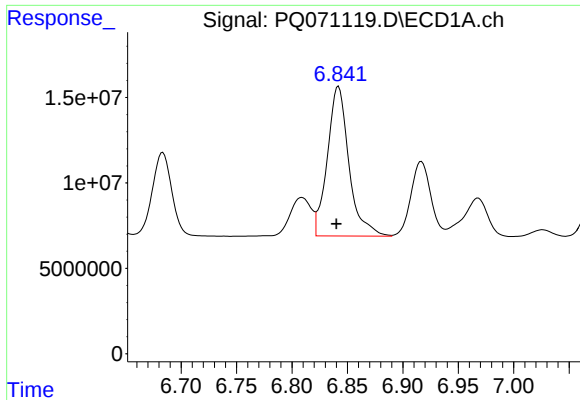
#33 AR-1260-3

R.T.: 6.628 min  
Delta R.T.: 0.001 min  
Response: 108222559  
Conc: 542.99 ng/ml



#33 AR-1260-3

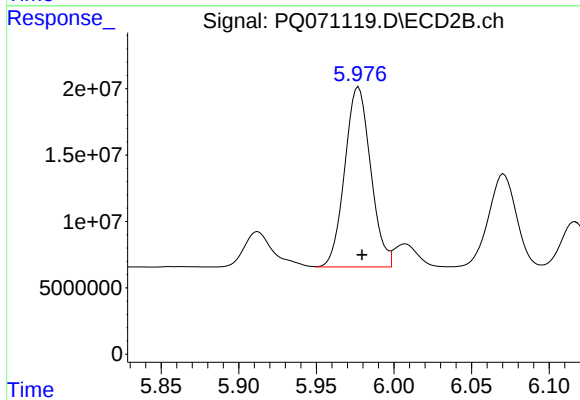
R.T.: 5.517 min  
Delta R.T.: -0.002 min  
Response: 179734755  
Conc: 433.10 ng/ml



#34 AR-1260-4

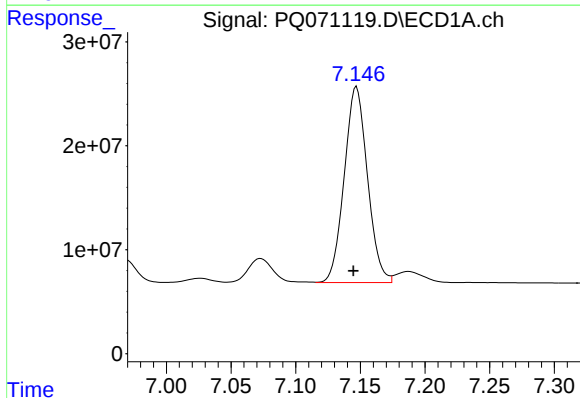
R.T.: 6.842 min  
Delta R.T.: 0.002 min  
Response: 118819976  
Conc: 552.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



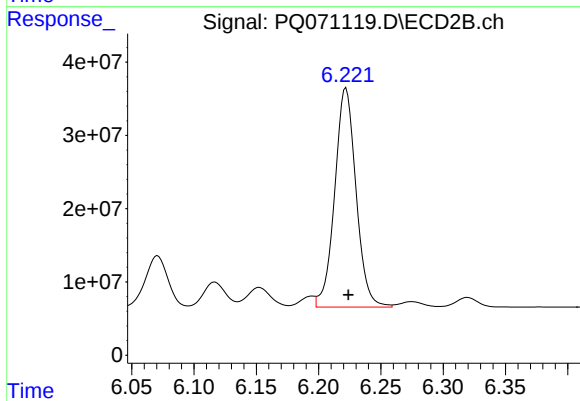
#34 AR-1260-4

R.T.: 5.977 min  
Delta R.T.: -0.002 min  
Response: 157688204  
Conc: 438.31 ng/ml



#35 AR-1260-5

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 235547861  
Conc: 543.02 ng/ml



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 356938906  
Conc: 424.78 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/10/2025

10/10/2025

Continuing Calib Time: 10:36

Initial Calibration Time(s): 08:57

16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.48       | 4.48      | 4.38      | 4.58 | 0.00       |
| Aroclor-1016-2       | (2) | 4.50       | 4.50      | 4.40      | 4.60 | 0.00       |
| Aroclor-1016-3       | (3) | 4.56       | 4.56      | 4.46      | 4.66 | 0.00       |
| Aroclor-1016-4       | (4) | 4.65       | 4.65      | 4.55      | 4.75 | 0.00       |
| Aroclor-1016-5       | (5) | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aroclor-1260-1       | (1) | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| Aroclor-1260-2       | (2) | 6.28       | 6.28      | 6.18      | 6.38 | 0.00       |
| Aroclor-1260-3       | (3) | 6.63       | 6.63      | 6.53      | 6.73 | 0.00       |
| Aroclor-1260-4       | (4) | 6.84       | 6.84      | 6.74      | 6.94 | 0.00       |
| Aroclor-1260-5       | (5) | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| Tetrachloro-m-xylene |     | 3.40       | 3.40      | 3.30      | 3.50 | 0.00       |
| Decachlorobiphenyl   |     | 8.50       | 8.50      | 8.40      | 8.60 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Continuing Calib Date: 10/24/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 10:36

Initial Calibration Time(s): 08:57 16:43

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 3.78       | 3.78      | 3.68      | 3.88 | 0.00       |
| Aroclor-1016-2       | (2) | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Aroclor-1016-3       | (3) | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Aroclor-1016-4       | (4) | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| Aroclor-1016-5       | (5) | 4.20       | 4.20      | 4.10      | 4.30 | 0.00       |
| Aroclor-1260-1       | (1) | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| Aroclor-1260-2       | (2) | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Aroclor-1260-3       | (3) | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| Aroclor-1260-4       | (4) | 5.98       | 5.98      | 5.88      | 6.08 | 0.00       |
| Aroclor-1260-5       | (5) | 6.22       | 6.22      | 6.12      | 6.32 | 0.00       |
| Tetrachloro-m-xylene |     | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| Decachlorobiphenyl   |     | 7.53       | 7.53      | 7.43      | 7.63 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/24/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071124.D **Time Analyzed:** 10:36

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.480 | 4.380     | 4.580 | 535.180            | 500.000           | 7.0  |
| Aroclor-1016-2       | 4.499 | 4.399     | 4.599 | 521.020            | 500.000           | 4.2  |
| Aroclor-1016-3       | 4.556 | 4.456     | 4.656 | 530.020            | 500.000           | 6.0  |
| Aroclor-1016-4       | 4.646 | 4.546     | 4.746 | 529.540            | 500.000           | 5.9  |
| Aroclor-1016-5       | 4.930 | 4.831     | 5.031 | 526.950            | 500.000           | 5.4  |
| Aroclor-1260-1       | 6.020 | 5.919     | 6.119 | 515.670            | 500.000           | 3.1  |
| Aroclor-1260-2       | 6.276 | 6.175     | 6.375 | 516.240            | 500.000           | 3.2  |
| Aroclor-1260-3       | 6.627 | 6.526     | 6.726 | 541.410            | 500.000           | 8.3  |
| Aroclor-1260-4       | 6.840 | 6.740     | 6.940 | 553.630            | 500.000           | 10.7 |
| Aroclor-1260-5       | 7.147 | 7.045     | 7.245 | 544.110            | 500.000           | 8.8  |
| Decachlorobiphenyl   | 8.497 | 8.396     | 8.596 | 54.590             | 50.000            | 9.2  |
| Tetrachloro-m-xylene | 3.400 | 3.300     | 3.500 | 52.250             | 50.000            | 4.5  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** AECO02  
**Lab Code:** ACE **SDG NO.:** Q3395  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/24/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PQ071124.D **Time Analyzed:** 10:36

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 3.776 | 3.678     | 3.878 | 427.210            | 500.000           | -14.6 |
| Aroclor-1016-2       | 3.792 | 3.693     | 3.893 | 424.110            | 500.000           | -15.2 |
| Aroclor-1016-3       | 3.951 | 3.853     | 4.053 | 434.870            | 500.000           | -13.0 |
| Aroclor-1016-4       | 4.000 | 3.902     | 4.102 | 441.890            | 500.000           | -11.6 |
| Aroclor-1016-5       | 4.195 | 4.097     | 4.297 | 439.520            | 500.000           | -12.1 |
| Aroclor-1260-1       | 5.187 | 5.089     | 5.289 | 435.740            | 500.000           | -12.9 |
| Aroclor-1260-2       | 5.376 | 5.278     | 5.478 | 433.990            | 500.000           | -13.2 |
| Aroclor-1260-3       | 5.517 | 5.419     | 5.619 | 438.480            | 500.000           | -12.3 |
| Aroclor-1260-4       | 5.978 | 5.879     | 6.079 | 442.200            | 500.000           | -11.6 |
| Aroclor-1260-5       | 6.222 | 6.124     | 6.324 | 441.170            | 500.000           | -11.8 |
| Decachlorobiphenyl   | 7.531 | 7.433     | 7.633 | 51.410             | 50.000            | 2.8   |
| Tetrachloro-m-xylene | 2.776 | 2.678     | 2.878 | 46.210             | 50.000            | -7.6  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
 Data File : PQ071124.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2025 10:36  
 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: Oct 24 15:53:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.400 | 2.776 | 227.3E6  | 234.7E6  | 52.250  | 46.208  |
| 2) SA Decachlor...          | 8.497 | 7.531 | 158.5E6  | 259.6E6  | 54.594  | 51.409  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.480 | 3.776 | 87847145 | 95696174 | 535.183 | 427.211 |
| 4) L1 AR-1016-2             | 4.499 | 3.792 | 133.5E6  | 144.2E6  | 521.016 | 424.111 |
| 5) L1 AR-1016-3             | 4.556 | 3.951 | 84335180 | 79084509 | 530.015 | 434.867 |
| 6) L1 AR-1016-4             | 4.646 | 4.000 | 68803220 | 69559472 | 529.544 | 441.892 |
| 7) L1 AR-1016-5             | 4.930 | 4.195 | 67872403 | 84318443 | 526.948 | 439.520 |
| 31) L7 AR-1260-1            | 6.020 | 5.187 | 120.9E6  | 157.0E6  | 515.674 | 435.737 |
| 32) L7 AR-1260-2            | 6.276 | 5.376 | 142.8E6  | 191.0E6  | 516.242 | 433.991 |
| 33) L7 AR-1260-3            | 6.627 | 5.517 | 107.9E6  | 182.0E6  | 541.414 | 438.482 |
| 34) L7 AR-1260-4            | 6.840 | 5.978 | 119.0E6  | 159.1E6  | 553.629 | 442.195 |
| 35) L7 AR-1260-5            | 7.147 | 6.222 | 236.0E6  | 370.7E6  | 544.111 | 441.166 |
| -----                       |       |       |          |          |         |         |

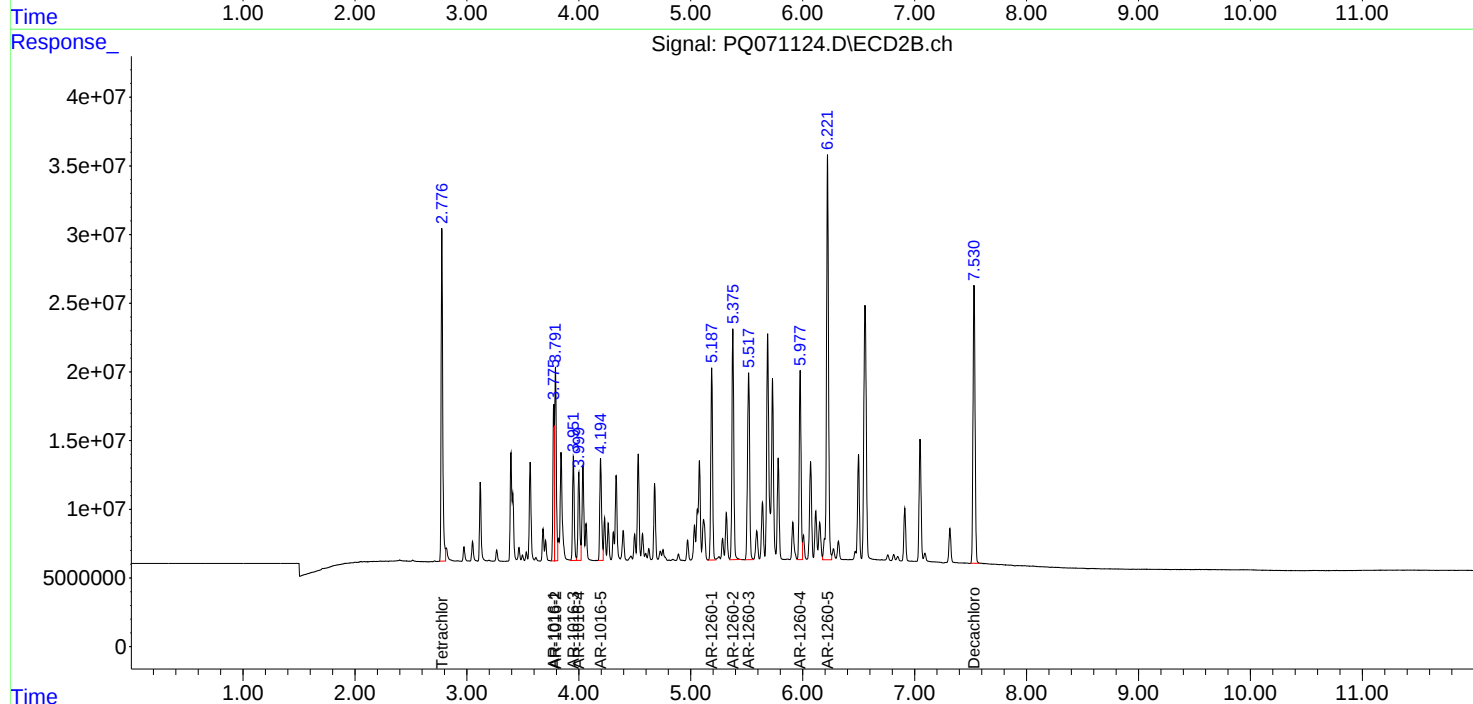
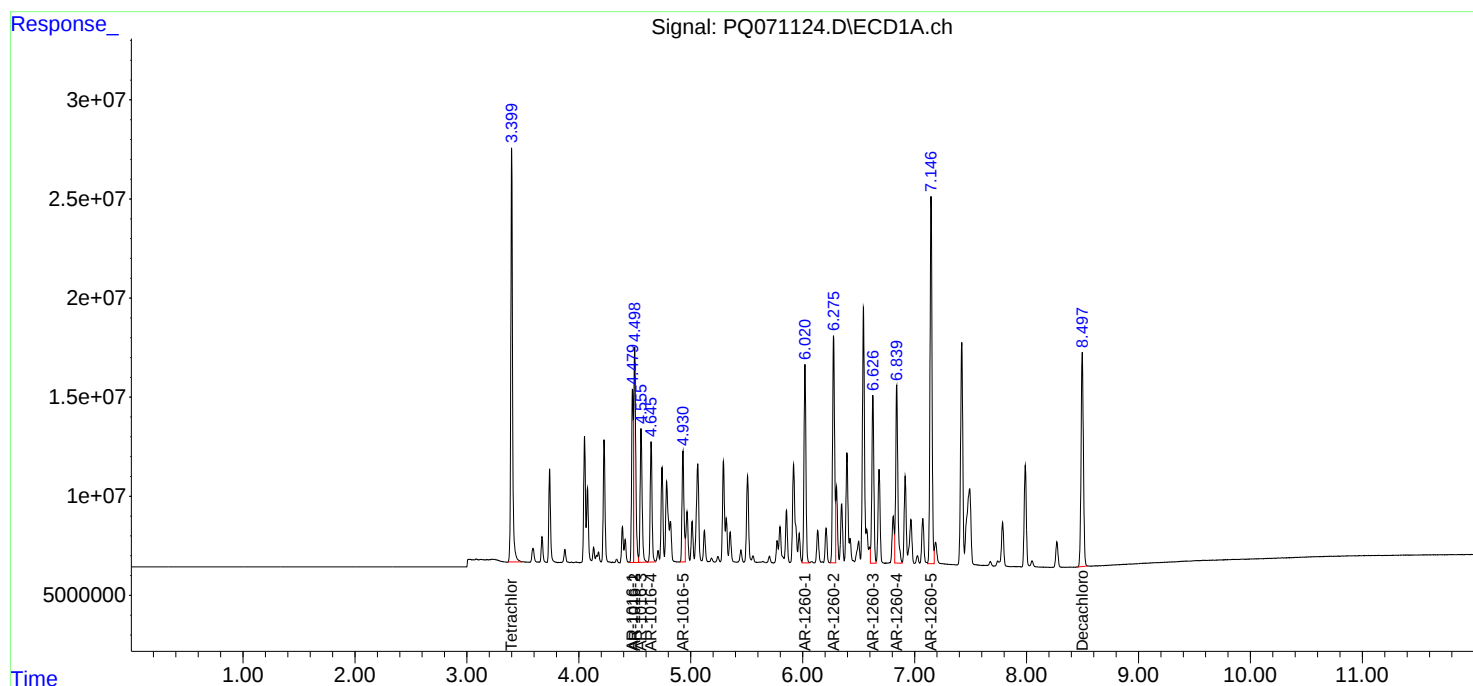
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

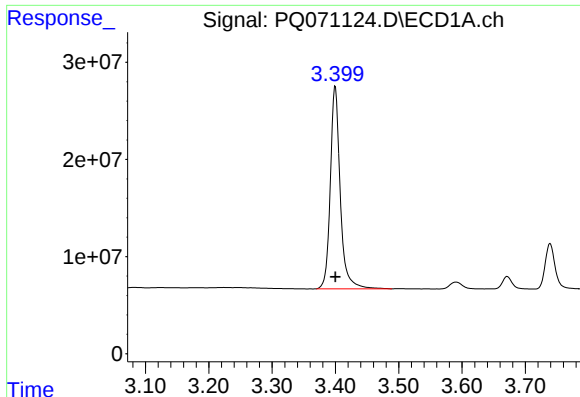
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
Data File : PQ071124.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 10:36  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:53:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

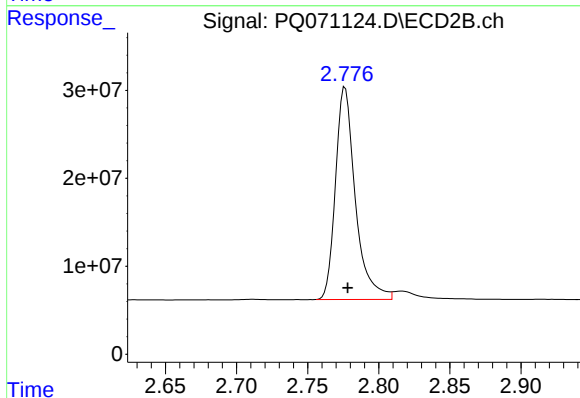




## #1 Tetrachloro-m-xylene

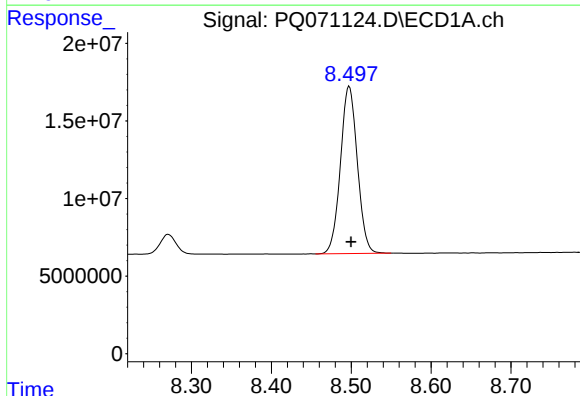
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 227300687  
Conc: 52.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



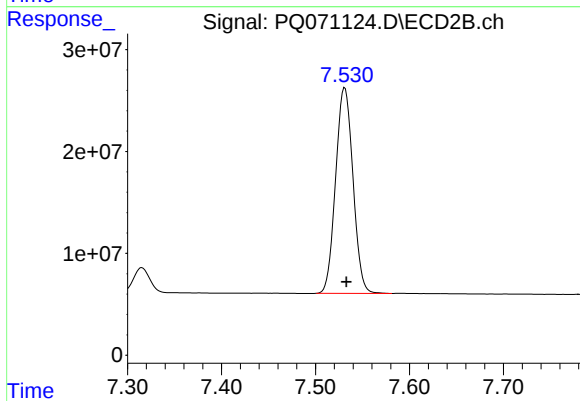
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 234738098  
Conc: 46.21 ng/ml



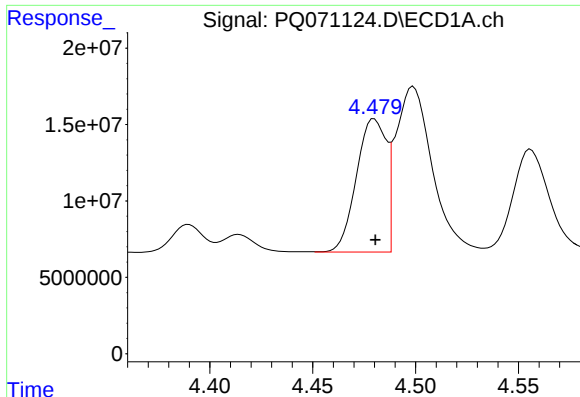
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 158540464  
Conc: 54.59 ng/ml



## #2 Decachlorobiphenyl

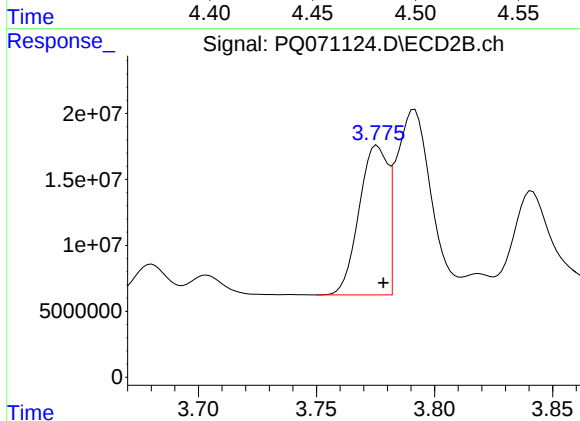
R.T.: 7.531 min  
Delta R.T.: -0.002 min  
Response: 259594172  
Conc: 51.41 ng/ml



#3 AR-1016-1

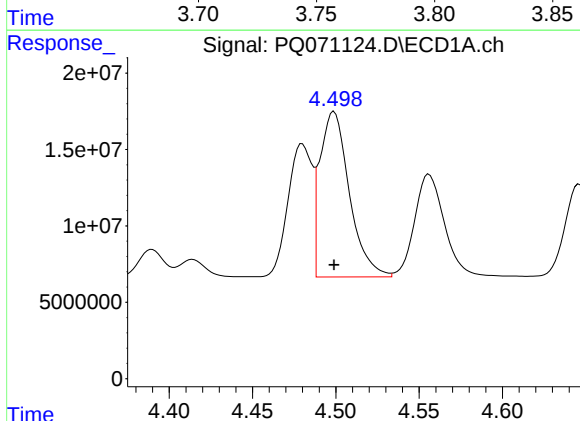
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 87847145  
Conc: 535.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



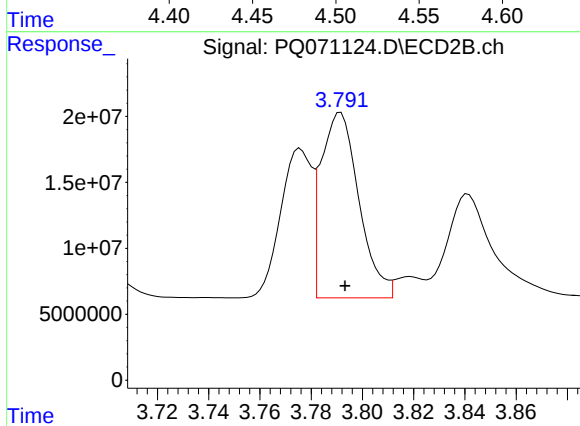
#3 AR-1016-1

R.T.: 3.776 min  
Delta R.T.: -0.003 min  
Response: 95696174  
Conc: 427.21 ng/ml



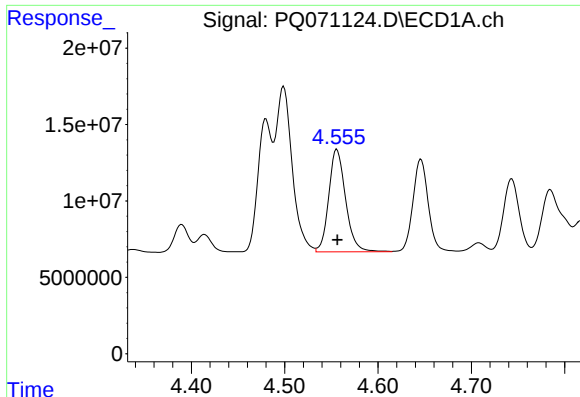
#4 AR-1016-2

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 133533538  
Conc: 521.02 ng/ml



#4 AR-1016-2

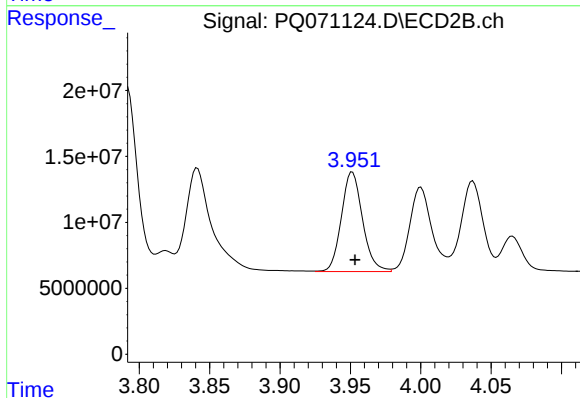
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 144249804  
Conc: 424.11 ng/ml



#5 AR-1016-3

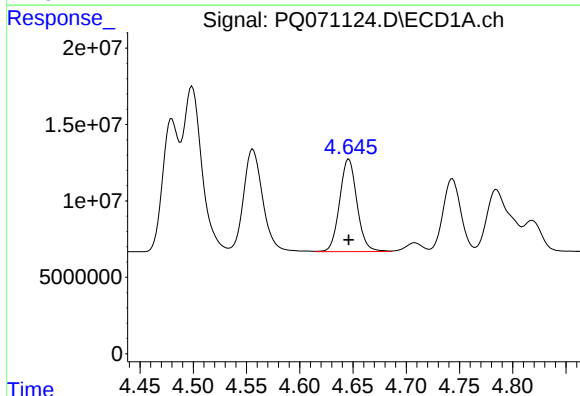
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 84335180  
Conc: 530.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



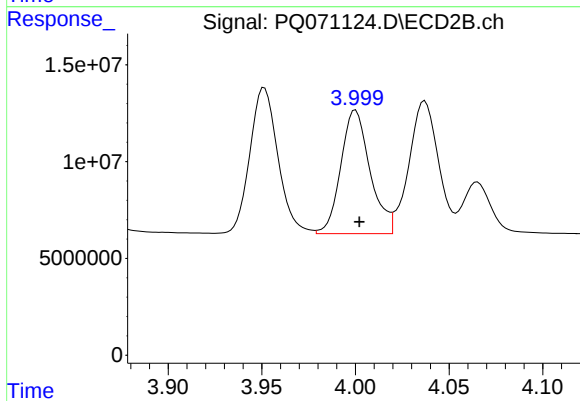
#5 AR-1016-3

R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 79084509  
Conc: 434.87 ng/ml



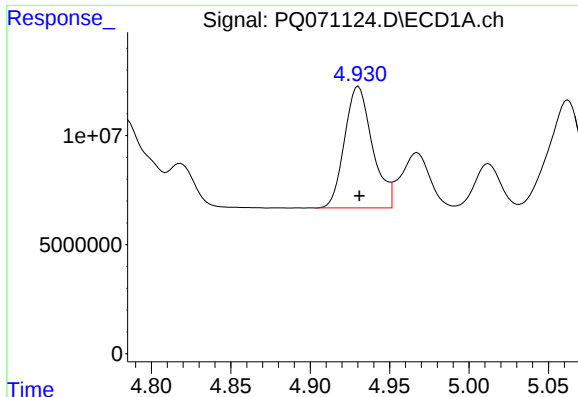
#6 AR-1016-4

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 68803220  
Conc: 529.54 ng/ml



#6 AR-1016-4

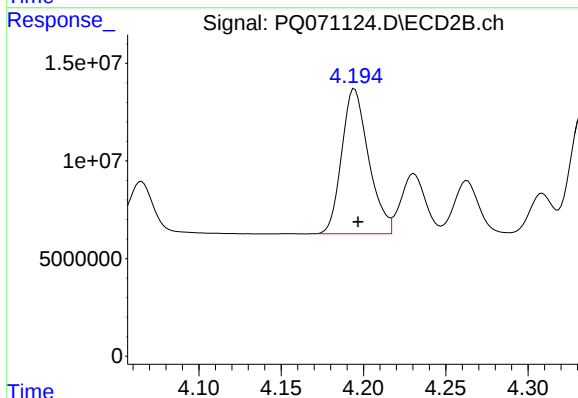
R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 69559472  
Conc: 441.89 ng/ml



#7 AR-1016-5

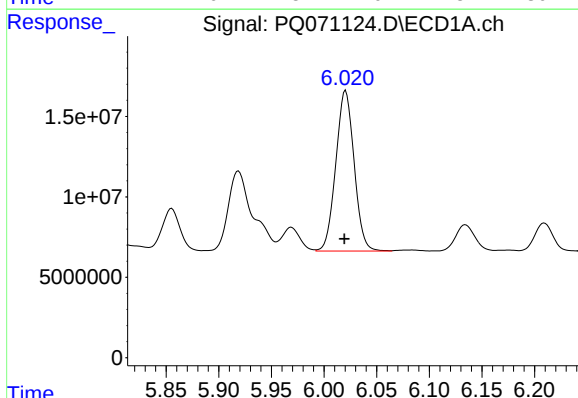
R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 67872403  
Conc: 526.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



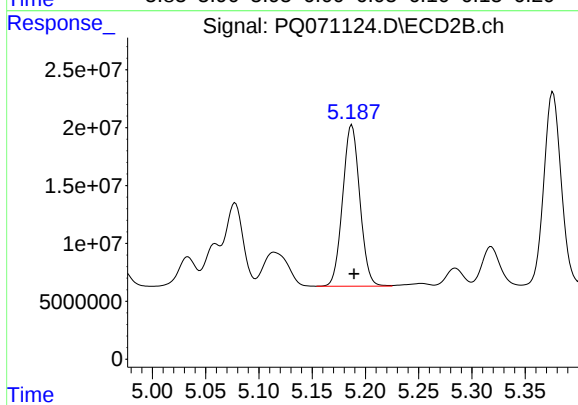
#7 AR-1016-5

R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 84318443  
Conc: 439.52 ng/ml



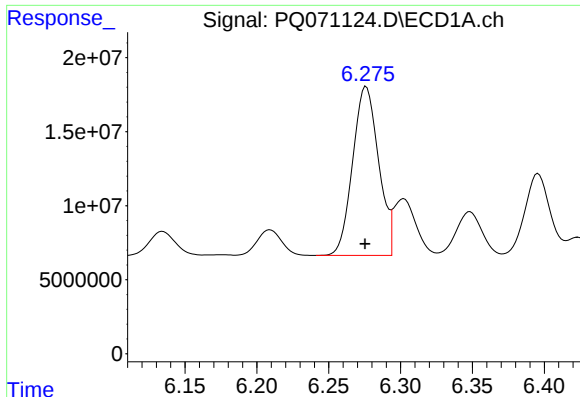
#31 AR-1260-1

R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 120910545  
Conc: 515.67 ng/ml



#31 AR-1260-1

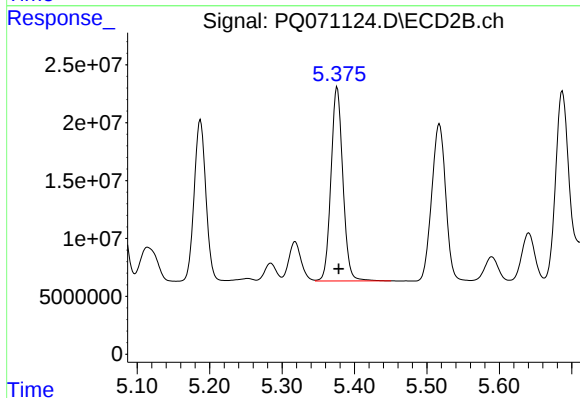
R.T.: 5.187 min  
Delta R.T.: -0.002 min  
Response: 157042296  
Conc: 435.74 ng/ml



#32 AR-1260-2

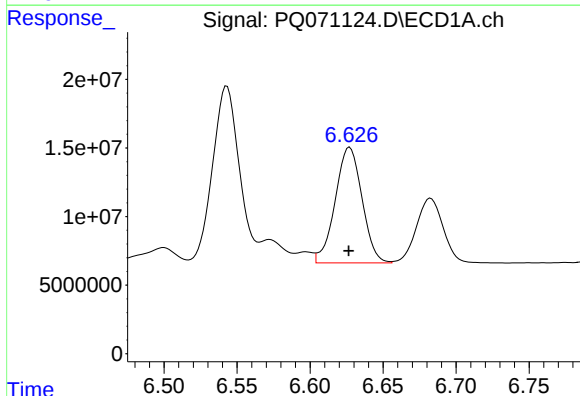
R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 142797136  
Conc: 516.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



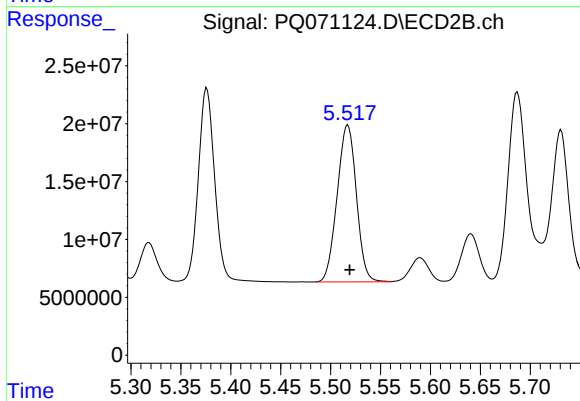
#32 AR-1260-2

R.T.: 5.376 min  
Delta R.T.: -0.002 min  
Response: 190953485  
Conc: 433.99 ng/ml



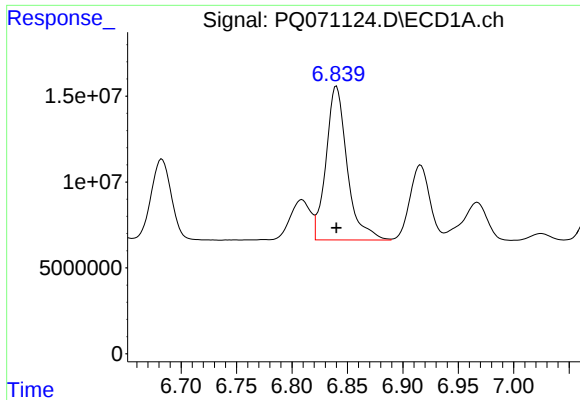
#33 AR-1260-3

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 107908281  
Conc: 541.41 ng/ml



#33 AR-1260-3

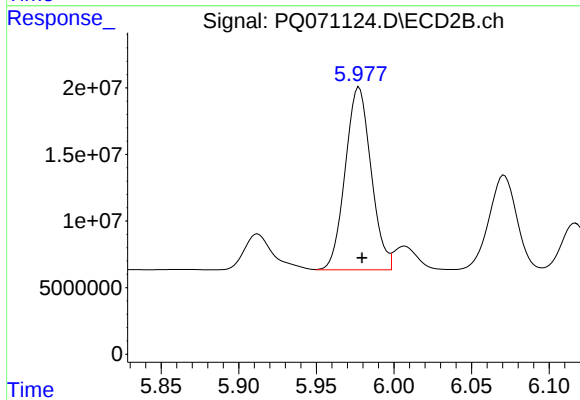
R.T.: 5.517 min  
Delta R.T.: -0.002 min  
Response: 181969670  
Conc: 438.48 ng/ml



#34 AR-1260-4

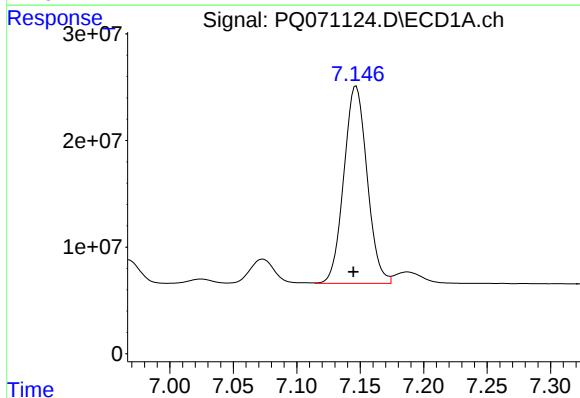
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 118965513  
Conc: 553.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660CCC500



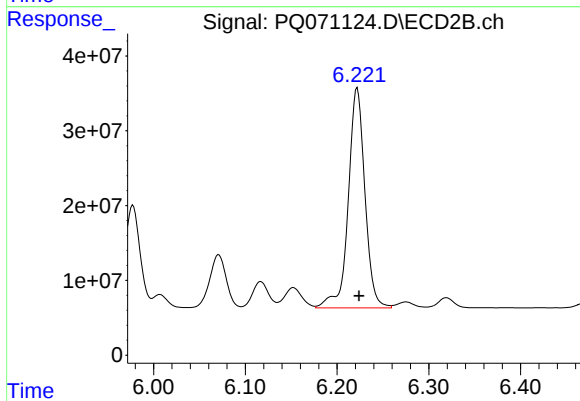
#34 AR-1260-4

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 159085340  
Conc: 442.20 ng/ml



#35 AR-1260-5

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 236022835  
Conc: 544.11 ng/ml



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 370703984  
Conc: 441.17 ng/ml

## Analytical Sequence

|                                                |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| Client: AECOM                                  | SDG No.: Q3395                                                      |
| Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069. | Instrument ID: ECD_Q                                                |
| GC Column: ZB-MR1                              | ID: 0.32 (mm)      Inst. Calib. Date(s): 10/10/2025      10/10/2025 |

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

| CLIENT ID                    | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                         | IBLK             | 10/10/2025       | 08:42            | PQ070972.D | 8.50        | 3.40        |
| AR1660ICC1000                | AR1660ICC1000    | 10/10/2025       | 08:57            | PQ070973.D | 8.50        | 3.40        |
| AR1660ICC750                 | AR1660ICC750     | 10/10/2025       | 09:11            | PQ070974.D | 8.50        | 3.40        |
| AR1660ICC500                 | AR1660ICC500     | 10/10/2025       | 09:26            | PQ070975.D | 8.50        | 3.40        |
| AR1660ICC250                 | AR1660ICC250     | 10/10/2025       | 09:40            | PQ070976.D | 8.50        | 3.40        |
| AR1660ICC050                 | AR1660ICC050     | 10/10/2025       | 09:55            | PQ070977.D | 8.50        | 3.40        |
| AR1221ICC500                 | AR1221ICC500     | 10/10/2025       | 10:09            | PQ070978.D | 8.50        | 3.40        |
| AR1232ICC500                 | AR1232ICC500     | 10/10/2025       | 10:24            | PQ070979.D | 8.50        | 3.40        |
| AR1242ICC1000                | AR1242ICC1000    | 10/10/2025       | 10:38            | PQ070980.D | 8.50        | 3.40        |
| AR1242ICC750                 | AR1242ICC750     | 10/10/2025       | 10:53            | PQ070981.D | 8.50        | 3.40        |
| AR1242ICC500                 | AR1242ICC500     | 10/10/2025       | 11:08            | PQ070982.D | 8.50        | 3.40        |
| AR1242ICC250                 | AR1242ICC250     | 10/10/2025       | 11:22            | PQ070983.D | 8.50        | 3.40        |
| AR1242ICC050                 | AR1242ICC050     | 10/10/2025       | 11:37            | PQ070984.D | 8.50        | 3.40        |
| AR1248ICC1000                | AR1248ICC1000    | 10/10/2025       | 11:51            | PQ070985.D | 8.50        | 3.40        |
| AR1248ICC750                 | AR1248ICC750     | 10/10/2025       | 12:06            | PQ070986.D | 8.50        | 3.40        |
| AR1248ICC500                 | AR1248ICC500     | 10/10/2025       | 12:20            | PQ070987.D | 8.50        | 3.40        |
| AR1248ICC250                 | AR1248ICC250     | 10/10/2025       | 12:35            | PQ070988.D | 8.50        | 3.40        |
| AR1248ICC050                 | AR1248ICC050     | 10/10/2025       | 12:50            | PQ070989.D | 8.50        | 3.40        |
| AR1254ICC1000                | AR1254ICC1000    | 10/10/2025       | 13:04            | PQ070990.D | 8.50        | 3.40        |
| AR1254ICC750                 | AR1254ICC750     | 10/10/2025       | 13:19            | PQ070991.D | 8.50        | 3.40        |
| AR1254ICC500                 | AR1254ICC500     | 10/10/2025       | 13:33            | PQ070992.D | 8.50        | 3.40        |
| AR1254ICC250                 | AR1254ICC250     | 10/10/2025       | 13:48            | PQ070993.D | 8.50        | 3.40        |
| AR1254ICC050                 | AR1254ICC050     | 10/10/2025       | 15:15            | PQ070994.D | 8.50        | 3.40        |
| AR1262ICC500                 | AR1262ICC500     | 10/10/2025       | 15:30            | PQ070995.D | 8.50        | 3.40        |
| AR1268ICC1000                | AR1268ICC1000    | 10/10/2025       | 15:44            | PQ070996.D | 8.50        | 3.40        |
| AR1268ICC750                 | AR1268ICC750     | 10/10/2025       | 15:59            | PQ070997.D | 8.50        | 3.40        |
| AR1268ICC500                 | AR1268ICC500     | 10/10/2025       | 16:13            | PQ070998.D | 8.50        | 3.40        |
| AR1268ICC250                 | AR1268ICC250     | 10/10/2025       | 16:28            | PQ070999.D | 8.50        | 3.40        |
| AR1268ICC050                 | AR1268ICC050     | 10/10/2025       | 16:43            | PQ071000.D | 8.50        | 3.40        |
| AR1660CCC500                 | AR1660CCC500     | 10/23/2025       | 13:37            | PQ071098.D | 8.50        | 3.40        |
| IBLK                         | IBLK             | 10/23/2025       | 14:35            | PQ071102.D | 8.50        | 3.40        |
| PB170227BL                   | PB170227BL       | 10/23/2025       | 14:50            | PQ071103.D | 8.50        | 3.40        |
| PR132-S09-000051-20251017    | Q3395-01         | 10/23/2025       | 15:19            | PQ071105.D | 8.50        | 3.40        |
| PR132-S07-000102-20251017    | Q3395-02         | 10/23/2025       | 15:33            | PQ071106.D | 8.50        | 3.40        |
| PR132-S07-000102-20251017MS  | Q3395-03MS       | 10/23/2025       | 15:48            | PQ071107.D | 8.50        | 3.40        |
| PR132-S07-000102-20251017MSD | Q3395-04MSD      | 10/23/2025       | 16:03            | PQ071108.D | 8.50        | 3.40        |
| PR132-S07-102116-20251017    | Q3395-05         | 10/23/2025       | 16:17            | PQ071109.D | 8.50        | 3.40        |
| PR132-COMP03-2025-20251017   | Q3395-06         | 10/23/2025       | 16:32            | PQ071110.D | 8.50        | 3.40        |
| AR1660CCC500                 | AR1660CCC500     | 10/23/2025       | 17:59            | PQ071113.D | 8.50        | 3.40        |
| IBLK                         | IBLK             | 10/23/2025       | 19:56            | PQ071117.D | 8.50        | 3.40        |
| AR1660CCC500                 | AR1660CCC500     | 10/24/2025       | 08:52            | PQ071119.D | 8.50        | 3.40        |
| IBLK                         | IBLK             | 10/24/2025       | 09:06            | PQ071120.D | 8.50        | 3.40        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| PB170227BS   | PB170227BS   | 10/24/2025 | 10:07 | PQ071123.D | 8.50 | 3.40 |
| AR1660CCC500 | AR1660CCC500 | 10/24/2025 | 10:36 | PQ071124.D | 8.50 | 3.40 |
| I.BLK        | I.BLK        | 10/24/2025 | 11:46 | PQ071128.D | 8.51 | 3.41 |

## Analytical Sequence

|                                                |                                                                     |
|------------------------------------------------|---------------------------------------------------------------------|
| Client: AECOM                                  | SDG No.: Q3395                                                      |
| Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069. | Instrument ID: ECD_Q                                                |
| GC Column: ZB-MR2                              | ID: 0.32 (mm)      Inst. Calib. Date(s): 10/10/2025      10/10/2025 |

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

| CLIENT ID                    | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|------------------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK                         | IBLK             | 10/10/2025       | 08:42            | PQ070972.D | 7.53        | 2.78        |
| AR1660ICC1000                | AR1660ICC1000    | 10/10/2025       | 08:57            | PQ070973.D | 7.53        | 2.78        |
| AR1660ICC750                 | AR1660ICC750     | 10/10/2025       | 09:11            | PQ070974.D | 7.53        | 2.78        |
| AR1660ICC500                 | AR1660ICC500     | 10/10/2025       | 09:26            | PQ070975.D | 7.53        | 2.78        |
| AR1660ICC250                 | AR1660ICC250     | 10/10/2025       | 09:40            | PQ070976.D | 7.53        | 2.78        |
| AR1660ICC050                 | AR1660ICC050     | 10/10/2025       | 09:55            | PQ070977.D | 7.53        | 2.78        |
| AR1221ICC500                 | AR1221ICC500     | 10/10/2025       | 10:09            | PQ070978.D | 7.53        | 2.78        |
| AR1232ICC500                 | AR1232ICC500     | 10/10/2025       | 10:24            | PQ070979.D | 7.53        | 2.78        |
| AR1242ICC1000                | AR1242ICC1000    | 10/10/2025       | 10:38            | PQ070980.D | 7.53        | 2.78        |
| AR1242ICC750                 | AR1242ICC750     | 10/10/2025       | 10:53            | PQ070981.D | 7.53        | 2.78        |
| AR1242ICC500                 | AR1242ICC500     | 10/10/2025       | 11:08            | PQ070982.D | 7.53        | 2.78        |
| AR1242ICC250                 | AR1242ICC250     | 10/10/2025       | 11:22            | PQ070983.D | 7.53        | 2.78        |
| AR1242ICC050                 | AR1242ICC050     | 10/10/2025       | 11:37            | PQ070984.D | 7.53        | 2.78        |
| AR1248ICC1000                | AR1248ICC1000    | 10/10/2025       | 11:51            | PQ070985.D | 7.53        | 2.78        |
| AR1248ICC750                 | AR1248ICC750     | 10/10/2025       | 12:06            | PQ070986.D | 7.53        | 2.78        |
| AR1248ICC500                 | AR1248ICC500     | 10/10/2025       | 12:20            | PQ070987.D | 7.53        | 2.78        |
| AR1248ICC250                 | AR1248ICC250     | 10/10/2025       | 12:35            | PQ070988.D | 7.53        | 2.78        |
| AR1248ICC050                 | AR1248ICC050     | 10/10/2025       | 12:50            | PQ070989.D | 7.53        | 2.78        |
| AR1254ICC1000                | AR1254ICC1000    | 10/10/2025       | 13:04            | PQ070990.D | 7.53        | 2.78        |
| AR1254ICC750                 | AR1254ICC750     | 10/10/2025       | 13:19            | PQ070991.D | 7.53        | 2.78        |
| AR1254ICC500                 | AR1254ICC500     | 10/10/2025       | 13:33            | PQ070992.D | 7.53        | 2.78        |
| AR1254ICC250                 | AR1254ICC250     | 10/10/2025       | 13:48            | PQ070993.D | 7.53        | 2.78        |
| AR1254ICC050                 | AR1254ICC050     | 10/10/2025       | 15:15            | PQ070994.D | 7.53        | 2.78        |
| AR1262ICC500                 | AR1262ICC500     | 10/10/2025       | 15:30            | PQ070995.D | 7.53        | 2.78        |
| AR1268ICC1000                | AR1268ICC1000    | 10/10/2025       | 15:44            | PQ070996.D | 7.53        | 2.78        |
| AR1268ICC750                 | AR1268ICC750     | 10/10/2025       | 15:59            | PQ070997.D | 7.53        | 2.78        |
| AR1268ICC500                 | AR1268ICC500     | 10/10/2025       | 16:13            | PQ070998.D | 7.53        | 2.78        |
| AR1268ICC250                 | AR1268ICC250     | 10/10/2025       | 16:28            | PQ070999.D | 7.53        | 2.78        |
| AR1268ICC050                 | AR1268ICC050     | 10/10/2025       | 16:43            | PQ071000.D | 7.53        | 2.78        |
| AR1660CCC500                 | AR1660CCC500     | 10/23/2025       | 13:37            | PQ071098.D | 7.53        | 2.78        |
| IBLK                         | IBLK             | 10/23/2025       | 14:35            | PQ071102.D | 7.53        | 2.78        |
| PB170227BL                   | PB170227BL       | 10/23/2025       | 14:50            | PQ071103.D | 7.53        | 2.78        |
| PR132-S09-000051-20251017    | Q3395-01         | 10/23/2025       | 15:19            | PQ071105.D | 7.53        | 2.78        |
| PR132-S07-000102-20251017    | Q3395-02         | 10/23/2025       | 15:33            | PQ071106.D | 7.53        | 2.78        |
| PR132-S07-000102-20251017MS  | Q3395-03MS       | 10/23/2025       | 15:48            | PQ071107.D | 7.53        | 2.78        |
| PR132-S07-000102-20251017MSD | Q3395-04MSD      | 10/23/2025       | 16:03            | PQ071108.D | 7.53        | 2.78        |
| PR132-S07-102116-20251017    | Q3395-05         | 10/23/2025       | 16:17            | PQ071109.D | 7.53        | 2.78        |
| PR132-COMP03-2025-20251017   | Q3395-06         | 10/23/2025       | 16:32            | PQ071110.D | 7.53        | 2.78        |
| AR1660CCC500                 | AR1660CCC500     | 10/23/2025       | 17:59            | PQ071113.D | 7.53        | 2.78        |
| IBLK                         | IBLK             | 10/23/2025       | 19:56            | PQ071117.D | 7.53        | 2.78        |
| AR1660CCC500                 | AR1660CCC500     | 10/24/2025       | 08:52            | PQ071119.D | 7.53        | 2.78        |
| IBLK                         | IBLK             | 10/24/2025       | 09:06            | PQ071120.D | 7.53        | 2.78        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| PB170227BS   | PB170227BS   | 10/24/2025 | 10:07 | PQ071123.D | 7.53 | 2.78 |
| AR1660CCC500 | AR1660CCC500 | 10/24/2025 | 10:36 | PQ071124.D | 7.53 | 2.78 |
| I.BLK        | I.BLK        | 10/24/2025 | 11:46 | PQ071128.D | 7.53 | 2.78 |



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Fax : 908 789 8922

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S09-000051-2025

Lab Name: Alliance  
Lab Code: ACE  
Lab Sample ID: Q3395-01  
Instrument ID (1): ECD\_Q

Contract: AECO02  
SDG NO.: Q3395  
Date(s) Analyzed: 10/23/2025 10/23/2025  
Instrument ID (2): ECD\_Q

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)  
Data file PQ071105.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1242 | 1   | 4.481 | 4.431     | 4.531 | 41.8          | 51.7                  | 2.67 |
| COLUMN 1     | 2   | 4.499 | 4.449     | 4.549 | 60.3          |                       |      |
|              | 3   | 4.556 | 4.506     | 4.606 | 26.6          |                       |      |
|              | 4   | 4.645 | 4.595     | 4.695 | 55.8          |                       |      |
|              | 5   | 5.352 | 5.302     | 5.402 | 74.1          |                       |      |
|              |     |       |           |       |               |                       |      |
| COLUMN 2     | 1   | 3.777 | 3.727     | 3.827 | 41.1          | 53.1                  |      |
|              | 2   | 3.792 | 3.742     | 3.842 | 49.1          |                       |      |
|              | 3   | 3.952 | 3.902     | 4.002 | 43.6          |                       |      |
|              | 4   | 4.037 | 3.987     | 4.087 | 64.9          |                       |      |
|              | 5   | 4.532 | 4.482     | 4.582 | 66.7          |                       |      |
| Aroclor-1254 | 1   | 5.291 | 5.241     | 5.341 | 29.8          | 22.8                  | 1.74 |
| COLUMN 1     | 2   | 5.503 | 5.453     | 5.553 | 26.2          |                       |      |
|              | 3   | 5.855 | 5.805     | 5.905 | 21.7          |                       |      |
|              | 4   | 6.135 | 6.085     | 6.185 | 15.4          |                       |      |
|              | 5   | 6.543 | 6.493     | 6.593 | 21.1          |                       |      |
|              |     |       |           |       |               |                       |      |
| COLUMN 2     | 1   | 4.532 | 4.482     | 4.582 | 34.4          | 23.2                  |      |
|              | 2   | 4.677 | 4.627     | 4.727 | 25.6          |                       |      |
|              | 3   | 5.059 | 5.009     | 5.109 | 19.7          |                       |      |
|              | 4   | 5.284 | 5.234     | 5.334 | 18.4          |                       |      |
|              | 5   | 5.688 | 5.638     | 5.738 | 18.1          |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S07-000102-2025

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Lab Sample ID: Q3395-02

Date(s) Analyzed: 10/23/2025 10/23/2025

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 PQ071106.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1254 | 1   | 5.292 | 5.242     | 5.342 | 24.5          | 24.6                  | 6.68 |
| COLUMN 1     | 2   | 5.499 | 5.449     | 5.549 | 24.1          |                       |      |
|              | 3   | 5.855 | 5.805     | 5.905 | 24.1          |                       |      |
|              | 4   | 6.135 | 6.085     | 6.185 | 24.2          |                       |      |
|              | 5   | 6.544 | 6.494     | 6.594 | 26.3          |                       |      |
|              | 1   | 4.533 | 4.483     | 4.583 | 28.7          | 26.3                  |      |
| COLUMN 2     | 2   | 4.675 | 4.625     | 4.725 | 47.4          |                       |      |
|              | 3   | 5.058 | 5.008     | 5.108 | 14.2          |                       |      |
|              | 4   | 5.284 | 5.234     | 5.334 | 17.0          |                       |      |
|              | 5   | 5.687 | 5.637     | 5.737 | 24.2          |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S07-000102-2025

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Lab Sample ID: Q3395-03MS

Date(s) Analyzed: 10/23/2025 10/23/2025

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 PQ071107.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 4.479 | 4.429     | 4.529 | 337           | 351                   | 19.38 |
| COLUMN 1     | 2   | 4.498 | 4.448     | 4.548 | 356           |                       |       |
|              | 3   | 4.555 | 4.505     | 4.605 | 339           |                       |       |
|              | 4   | 4.644 | 4.594     | 4.694 | 362           |                       |       |
|              | 5   | 4.93  | 4.88      | 4.98  | 360           |                       |       |
| COLUMN 2     | 1   | 3.775 | 3.725     | 3.825 | 270           | 289                   |       |
|              | 2   | 3.79  | 3.74      | 3.84  | 278           |                       |       |
|              | 3   | 3.951 | 3.901     | 4.001 | 301           |                       |       |
|              | 4   | 3.999 | 3.949     | 4.049 | 285           |                       |       |
|              | 5   | 4.195 | 4.145     | 4.245 | 309           |                       |       |
| Aroclor-1254 | 1   | 5.292 | 5.242     | 5.342 | 175           | 198                   | 10.64 |
| COLUMN 1     | 2   | 5.507 | 5.457     | 5.557 | 142           |                       |       |
|              | 3   | 5.855 | 5.805     | 5.905 | 92.9          |                       |       |
|              | 4   | 6.134 | 6.084     | 6.184 | 71.3          |                       |       |
|              | 5   | 6.542 | 6.492     | 6.592 | 510           |                       |       |
| COLUMN 2     | 1   | 4.531 | 4.481     | 4.581 | 175           | 178                   |       |
|              | 2   | 4.677 | 4.627     | 4.727 | 226           |                       |       |
|              | 3   | 5.059 | 5.009     | 5.109 | 62.9          |                       |       |
|              | 4   | 5.284 | 5.234     | 5.334 | 48.9          |                       |       |
|              | 5   | 5.687 | 5.637     | 5.737 | 375           |                       |       |
|              |     |       |           |       |               |                       |       |

## IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

|              |       |       |       |       |     |     |       |
|--------------|-------|-------|-------|-------|-----|-----|-------|
| Aroclor-1260 | 1     | 6.02  | 5.97  | 6.07  | 344 |     |       |
|              | 2     | 6.276 | 6.226 | 6.326 | 372 |     |       |
|              | 3     | 6.627 | 6.577 | 6.677 | 301 |     |       |
|              | 4     | 6.841 | 6.791 | 6.891 | 319 |     |       |
|              | 5     | 7.146 | 7.096 | 7.196 | 322 |     |       |
| COLUMN 1     |       |       |       |       |     | 332 | 18.78 |
|              | 1     | 5.187 | 5.137 | 5.237 | 304 |     |       |
|              | 2     | 5.377 | 5.327 | 5.427 | 289 |     |       |
|              | 3     | 5.517 | 5.467 | 5.567 | 294 |     |       |
|              | 4     | 5.977 | 5.927 | 6.027 | 246 |     |       |
| 5            | 6.222 | 6.172 | 6.272 | 241   | 275 |     |       |
|              |       |       |       |       |     |     |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PR132-S07-000102-2025

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Lab Sample ID: Q3395-04MSD

Date(s) Analyzed: 10/23/2025 10/23/2025

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 PQ071108.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 4.479 | 4.429     | 4.529 | 365           | 352                   | 18.29 |
| COLUMN 1     | 2   | 4.498 | 4.448     | 4.548 | 342           |                       |       |
|              | 3   | 4.556 | 4.506     | 4.606 | 339           |                       |       |
|              | 4   | 4.645 | 4.595     | 4.695 | 358           |                       |       |
|              | 5   | 4.931 | 4.881     | 4.981 | 356           |                       |       |
|              | 1   | 3.775 | 3.725     | 3.825 | 312           |                       |       |
| COLUMN 2     | 2   | 3.791 | 3.741     | 3.841 | 271           | 293                   |       |
|              | 3   | 3.951 | 3.901     | 4.001 | 301           |                       |       |
|              | 4   | 4     | 3.95      | 4.05  | 277           |                       |       |
|              | 5   | 4.195 | 4.145     | 4.245 | 305           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1254 | 1   | 5.293 | 5.243     | 5.343 | 173           | 197                   | 10.7  |
| COLUMN 1     | 2   | 5.507 | 5.457     | 5.557 | 140           |                       |       |
|              | 3   | 5.855 | 5.805     | 5.905 | 93.1          |                       |       |
|              | 4   | 6.135 | 6.085     | 6.185 | 71.2          |                       |       |
|              | 5   | 6.544 | 6.494     | 6.594 | 509           |                       |       |
|              | 1   | 4.532 | 4.482     | 4.582 | 174           |                       |       |
| COLUMN 2     | 2   | 4.677 | 4.627     | 4.727 | 225           | 177                   |       |
|              | 3   | 5.059 | 5.009     | 5.109 | 62.4          |                       |       |
|              | 4   | 5.284 | 5.234     | 5.334 | 48.7          |                       |       |
|              | 5   | 5.688 | 5.638     | 5.738 | 372           |                       |       |
|              |     |       |           |       |               |                       |       |

## IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

|              |       |       |       |       |     |     |       |
|--------------|-------|-------|-------|-------|-----|-----|-------|
| Aroclor-1260 | 1     | 6.02  | 5.97  | 6.07  | 342 |     |       |
|              | 2     | 6.275 | 6.225 | 6.325 | 372 |     |       |
|              | 3     | 6.628 | 6.578 | 6.678 | 299 |     |       |
|              | 4     | 6.841 | 6.791 | 6.891 | 320 |     |       |
|              | 5     | 7.147 | 7.097 | 7.197 | 320 |     |       |
| COLUMN 1     |       |       |       |       |     | 330 | 19.27 |
|              | 1     | 5.188 | 5.138 | 5.238 | 301 |     |       |
|              | 2     | 5.377 | 5.327 | 5.427 | 288 |     |       |
|              | 3     | 5.518 | 5.468 | 5.568 | 292 |     |       |
|              | 4     | 5.978 | 5.928 | 6.028 | 242 |     |       |
| 5            | 6.223 | 6.173 | 6.273 | 238   | 272 |     |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170227BS

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3395

Lab Sample ID: PB170227BS

Date(s) Analyzed: 10/24/2025 10/24/2025

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 PQ071123.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 4.485 | 4.435     | 4.535 | 175           | 178                   | 21.12 |
| COLUMN 1     | 2   | 4.503 | 4.453     | 4.553 | 180           |                       |       |
|              | 3   | 4.561 | 4.511     | 4.611 | 181           |                       |       |
|              | 4   | 4.65  | 4.6       | 4.7   | 181           |                       |       |
|              | 5   | 4.935 | 4.885     | 4.985 | 175           |                       |       |
|              | 1   | 3.775 | 3.725     | 3.825 | 142           |                       |       |
| COLUMN 2     | 2   | 3.791 | 3.741     | 3.841 | 144           | 144                   |       |
|              | 3   | 3.951 | 3.901     | 4.001 | 146           |                       |       |
|              | 4   | 4     | 3.95      | 4.05  | 144           |                       |       |
|              | 5   | 4.195 | 4.145     | 4.245 | 142           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 6.025 | 5.975     | 6.075 | 194           | 181                   | 22.09 |
| COLUMN 1     | 2   | 6.281 | 6.231     | 6.331 | 198           |                       |       |
|              | 3   | 6.631 | 6.581     | 6.681 | 163           |                       |       |
|              | 4   | 6.845 | 6.795     | 6.895 | 176           |                       |       |
|              | 5   | 7.151 | 7.101     | 7.201 | 173           |                       |       |
|              | 1   | 5.187 | 5.137     | 5.237 | 158           |                       |       |
| COLUMN 2     | 2   | 5.377 | 5.327     | 5.427 | 150           | 145                   |       |
|              | 3   | 5.517 | 5.467     | 5.567 | 150           |                       |       |
|              | 4   | 5.978 | 5.928     | 6.028 | 136           |                       |       |
|              | 5   | 6.222 | 6.172     | 6.272 | 131           |                       |       |
|              |     |       |           |       |               |                       |       |



# QC SAMPLE DATA



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

## Report of Analysis

|                    |                                                  |                     |                 |       |
|--------------------|--------------------------------------------------|---------------------|-----------------|-------|
| Client:            | AECOM                                            |                     | Date Collected: |       |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  |       |
| Client Sample ID:  | PB170227BL                                       |                     | SDG No.:        | Q3395 |
| Lab Sample ID:     | PB170227BL                                       |                     | Matrix:         | SOIL  |
| Analytical Method: | 8082A                                            |                     | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.01 g                                          | Final Vol: 10000 uL | Test:           | PCB   |
| Prep Method:       | SW3541B                                          | Prep Date 10/23/25  |                 |       |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 17.0  | U    | 1  | 3.90     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 17.0  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 17.0  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 17.0  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 17.0  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 17.0  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 17.0  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 17.0  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 17.0  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/23/25 14:50 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 24.4  |      |    | 32 - 144 | 122%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 27.7  |      |    | 32 - 175 | 138%       | 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\PQ102325\  
 Data File : PQ071103.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 14:50  
 Operator : YP\AJ  
 Sample : PB170227BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PB170227BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:39:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.777 | 105.9E6  | 116.0E6 | 24.351 | 22.834 |
| 2) SA Decachlor...          | 8.498 | 7.532 | 80424498 | 135.0E6 | 27.695 | 26.737 |

Target Compounds

-----

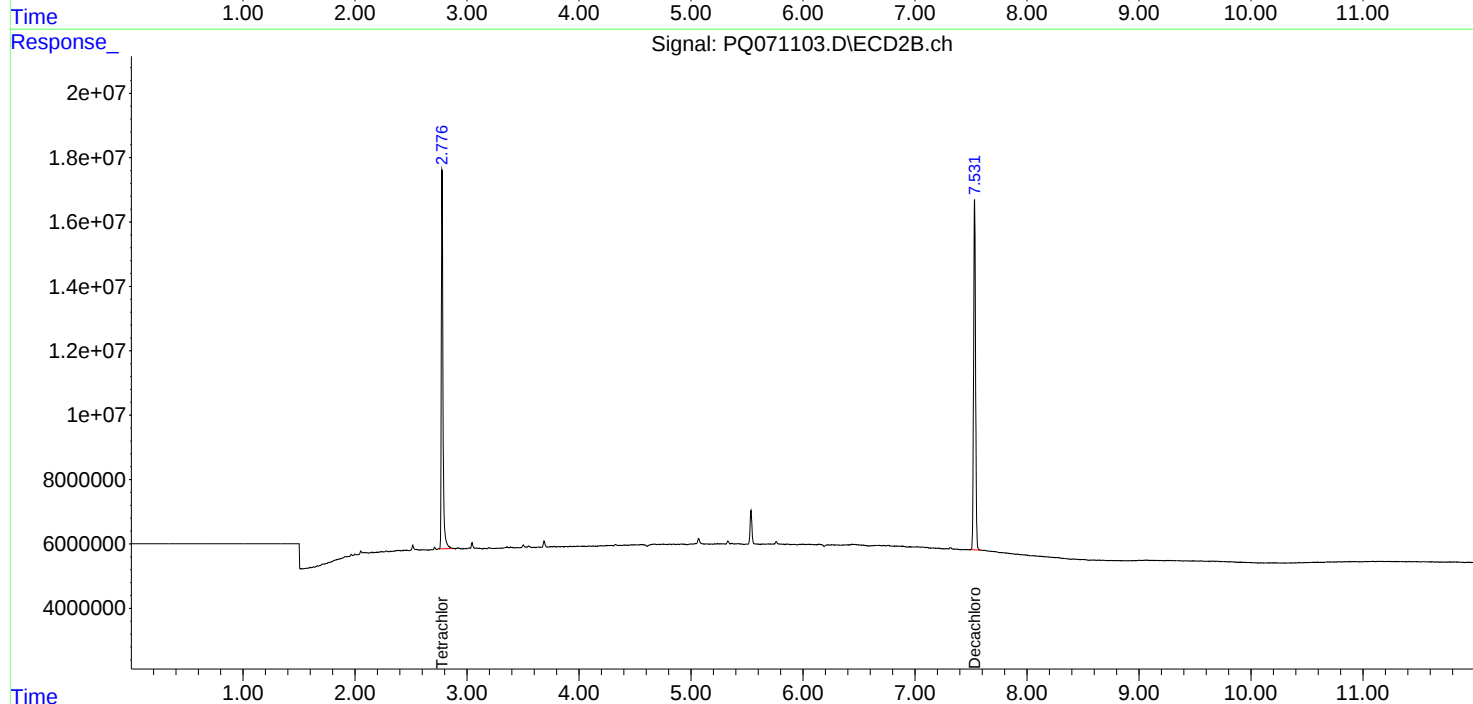
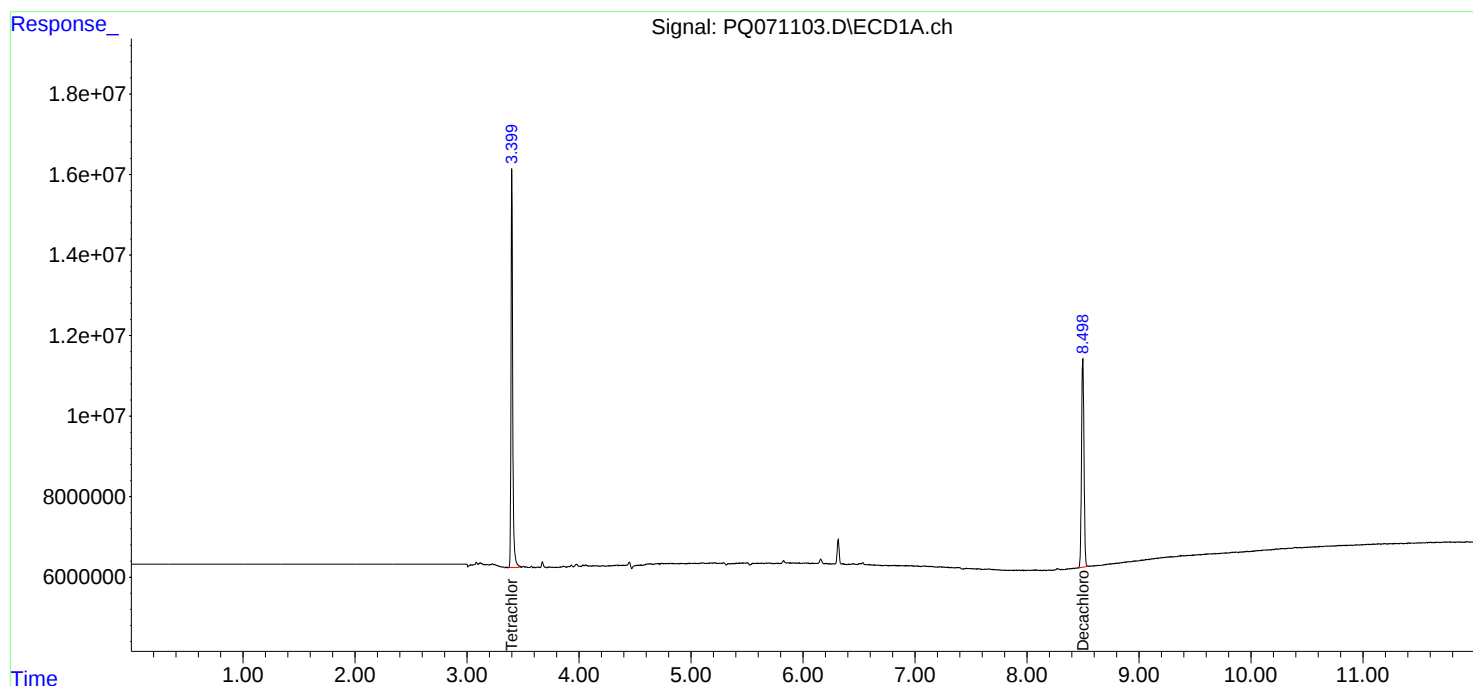
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

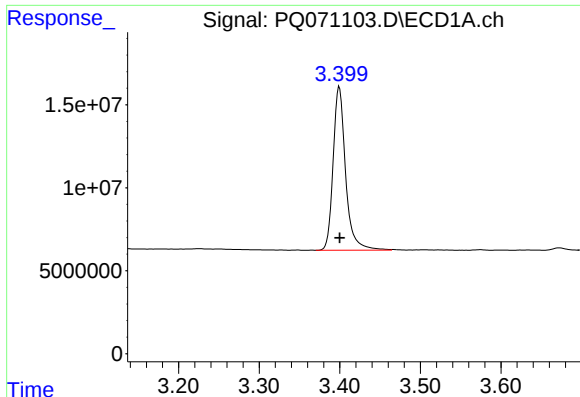
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071103.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 14:50  
Operator : YP\AJ  
Sample : PB170227BL  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:39:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

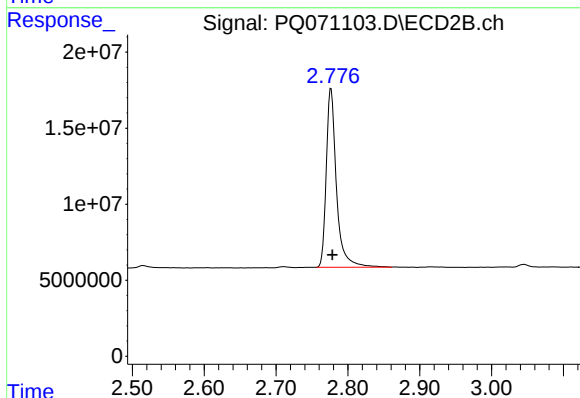




## #1 Tetrachloro-m-xylene

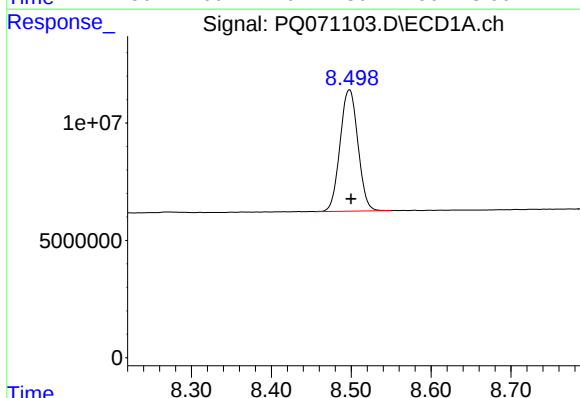
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 105934291  
Conc: 24.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BL



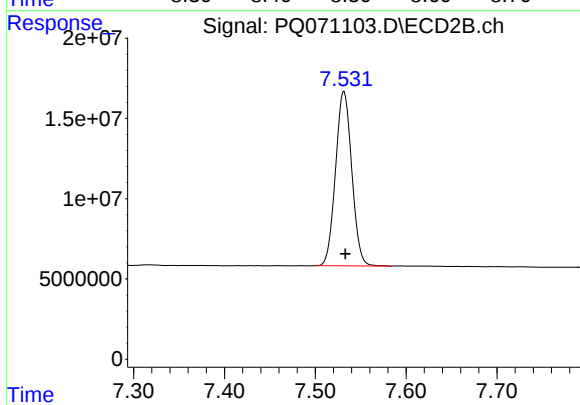
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: -0.002 min  
Response: 115997336  
Conc: 22.83 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 80424498  
Conc: 27.69 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 135009624  
Conc: 26.74 ng/ml



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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## Report of Analysis

|                    |                                                  |            |                 |          |     |
|--------------------|--------------------------------------------------|------------|-----------------|----------|-----|
| Client:            | AECOM                                            |            | Date Collected: | 10/10/25 |     |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/10/25 |     |
| Client Sample ID:  | PIBLK-PQ070972.D                                 |            | SDG No.:        | Q3395    |     |
| Lab Sample ID:     | I.BLK-PQ070972.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  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.50  | U    | 1  | 0.097    | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 11104-28-2        | Aroclor-1221         | 0.50  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 11141-16-5        | Aroclor-1232         | 0.50  | U    | 1  | 0.096    | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 53469-21-9        | Aroclor-1242         | 0.50  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 12672-29-6        | Aroclor-1248         | 0.50  | U    | 1  | 0.071    | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 11097-69-1        | Aroclor-1254         | 0.50  | U    | 1  | 0.094    | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 11096-82-5        | Aroclor-1260         | 0.50  | U    | 1  | 0.081    | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 37324-23-5        | Aroclor-1262         | 0.50  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/10/25  | pq101025 |
| 11100-14-4        | Aroclor-1268         | 0.50  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/10/25  | pq101025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.3  |      |    | 60 - 140 | 91%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.0  |      |    | 60 - 140 | 95%        | 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\PQ101025\  
Data File : PQ070972.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 08:42  
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: Oct 10 17:32:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 17:24:38 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... | 3.400 | 2.778 | 79509611 | 97022264 | 18.277 | 19.099 |
| 2)                          | SA Decachlor... | 8.496 | 7.533 | 55246960 | 97962147 | 19.025 | 19.400 |

Target Compounds

-----

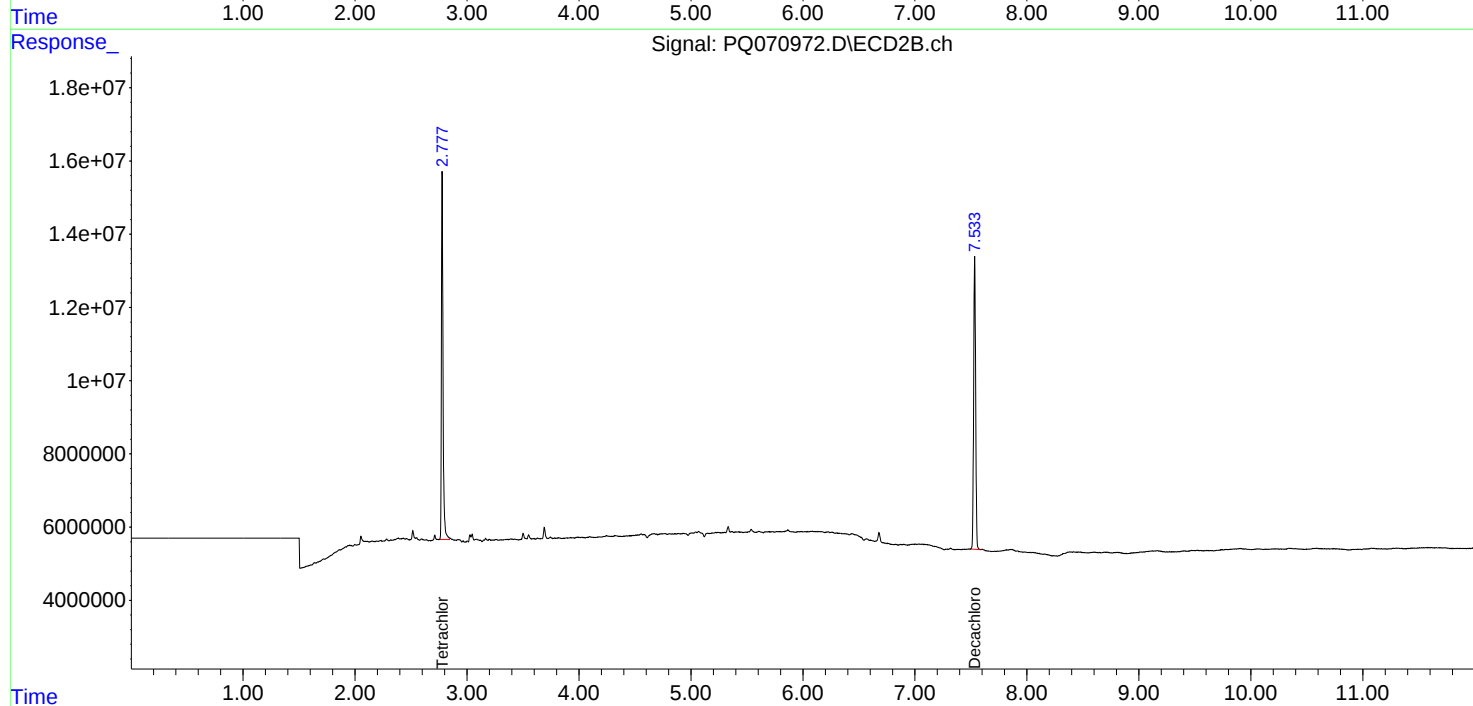
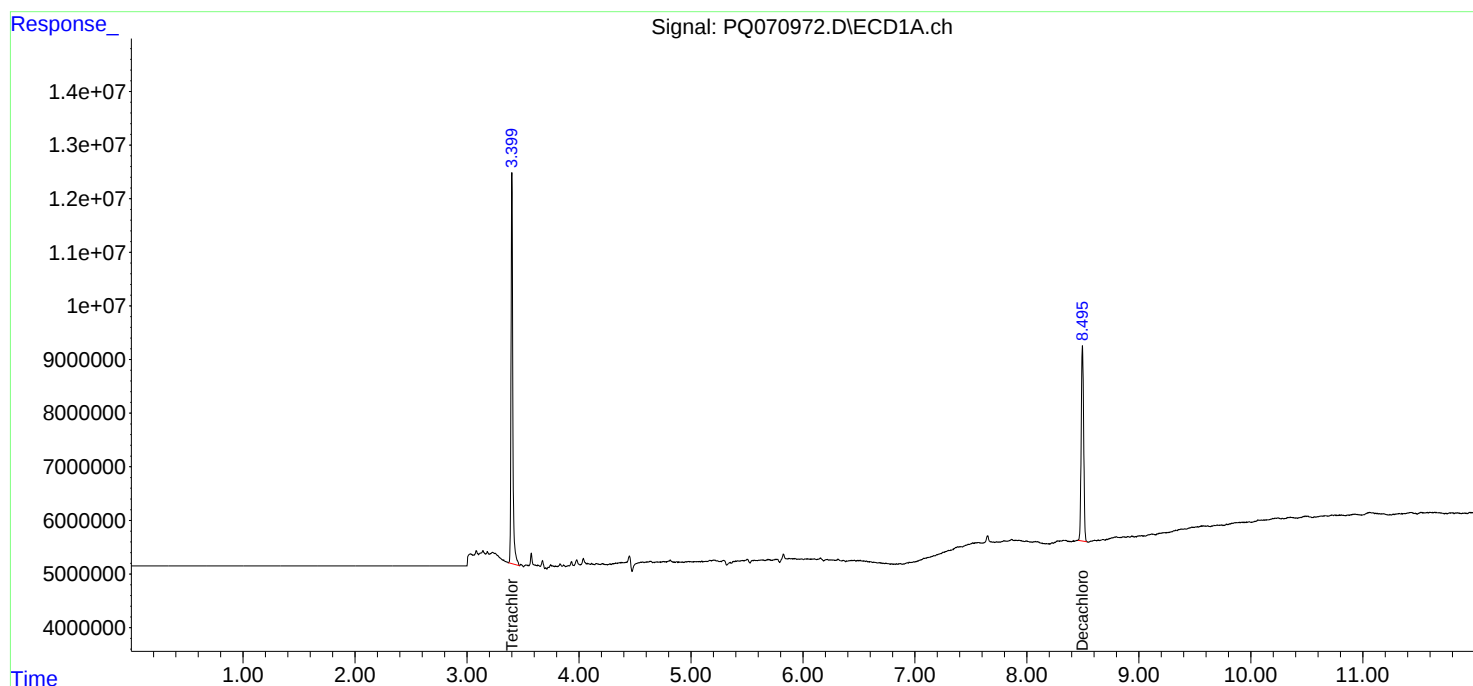
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101025\  
Data File : PQ070972.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 08:42  
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: Oct 10 17:32:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 10 17:24:38 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_

Signal: PQ070972.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 79509611  
Conc: 18.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Time

Response\_

Signal: PQ070972.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 97022264  
Conc: 19.10 ng/ml

Time

Response\_

Signal: PQ070972.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 55246960  
Conc: 19.02 ng/ml

Time

Response\_

Signal: PQ070972.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 97962147  
Conc: 19.40 ng/ml

Time



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/23/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/23/25 |
| Client Sample ID:  | PIBLK-PQ071102.D                                 |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | I.BLK-PQ071102.D                                 |            | Matrix:         | WATER    |
| Analytical Method: | 8082A                                            |            | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | 5030                                             | Prep Date: |                 | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.50  | U    | 1  | 0.097    | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 11104-28-2        | Aroclor-1221         | 0.50  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 11141-16-5        | Aroclor-1232         | 0.50  | U    | 1  | 0.096    | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 53469-21-9        | Aroclor-1242         | 0.50  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 12672-29-6        | Aroclor-1248         | 0.50  | U    | 1  | 0.071    | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 11097-69-1        | Aroclor-1254         | 0.50  | U    | 1  | 0.094    | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 11096-82-5        | Aroclor-1260         | 0.50  | U    | 1  | 0.081    | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 37324-23-5        | Aroclor-1262         | 0.50  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/23/25  | pq102325 |
| 11100-14-4        | Aroclor-1268         | 0.50  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/23/25  | pq102325 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |      |    | 60 - 140 | 95%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 22.9  |      |    | 60 - 140 | 114%       | SPK: 20 |           |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

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\PQ102325\  
Data File : PQ071102.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 14:35  
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: Oct 24 02:38:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.777 | 89668540 | 96897464 | 20.612 | 19.074 |
| 2)                          | SA Decachlor... | 8.498 | 7.532 | 67363051 | 115.5E6  | 23.197 | 22.880 |

Target Compounds

-----

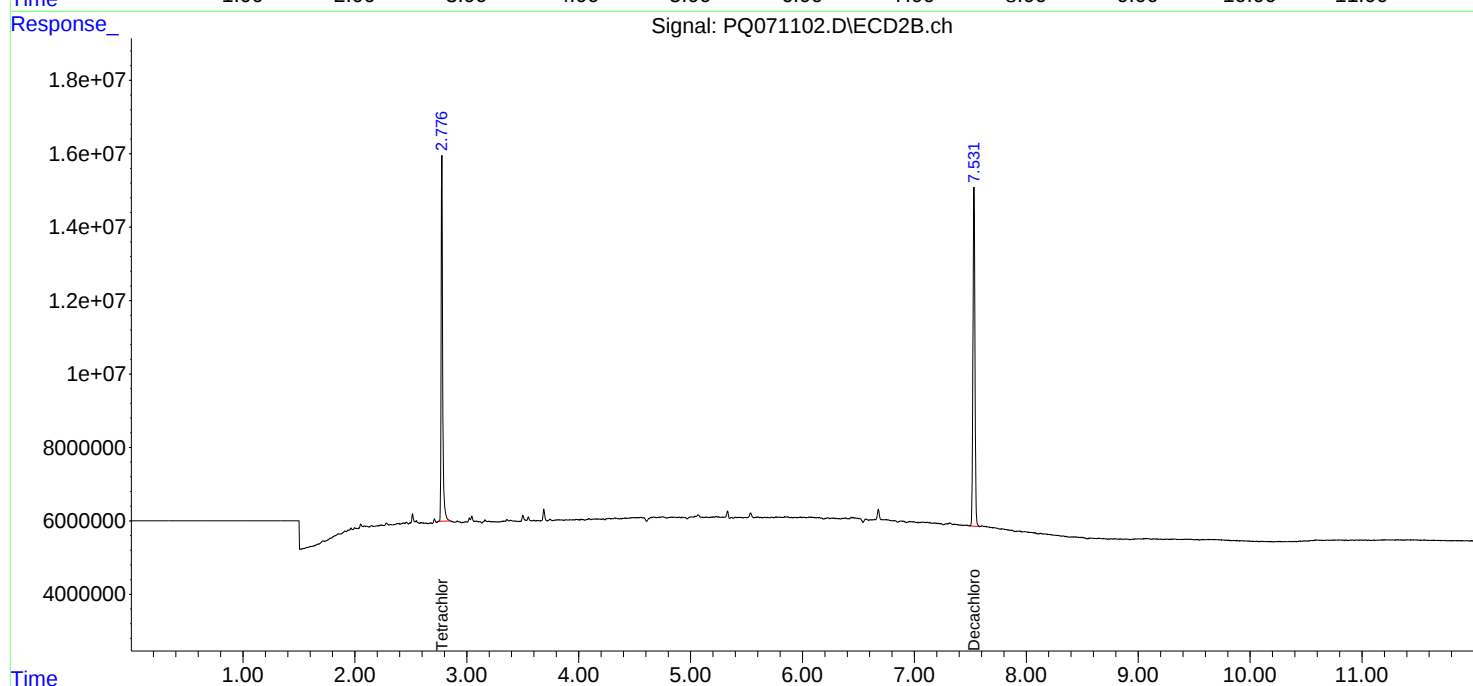
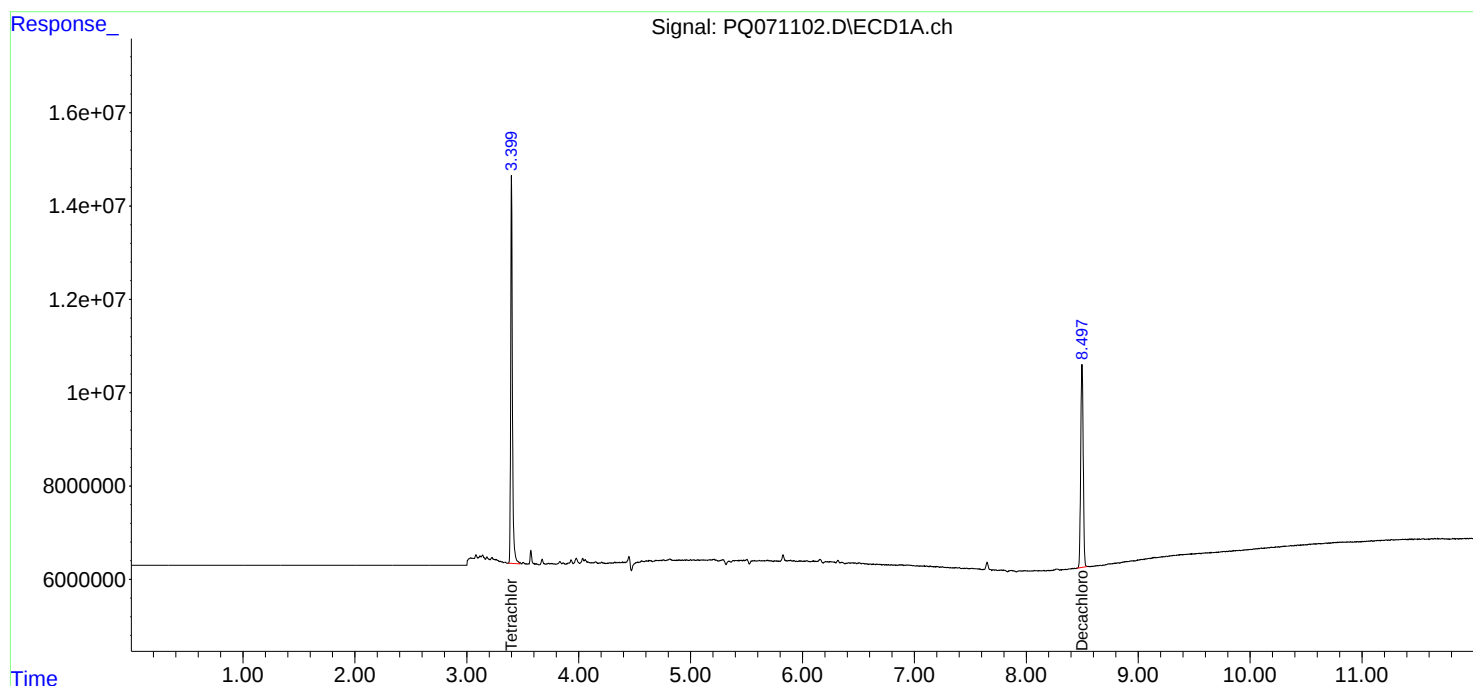
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

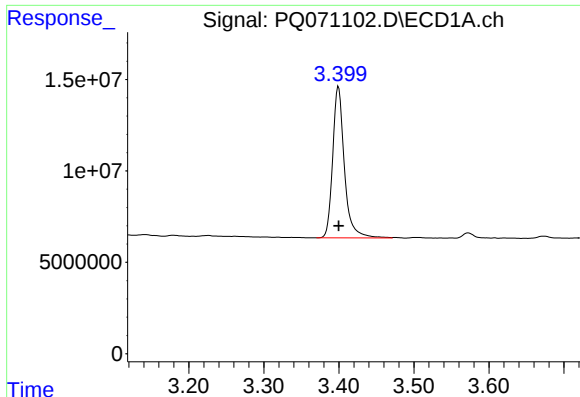
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071102.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 14:35  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:38:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

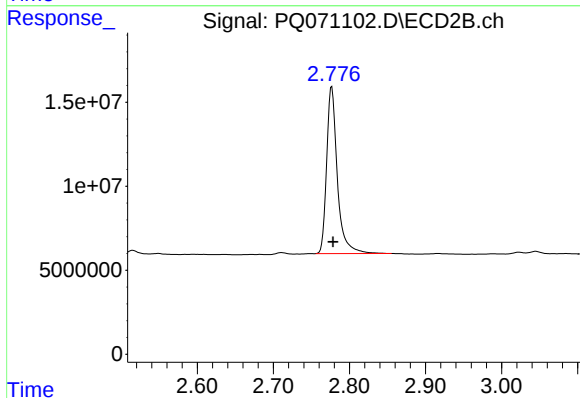




## #1 Tetrachloro-m-xylene

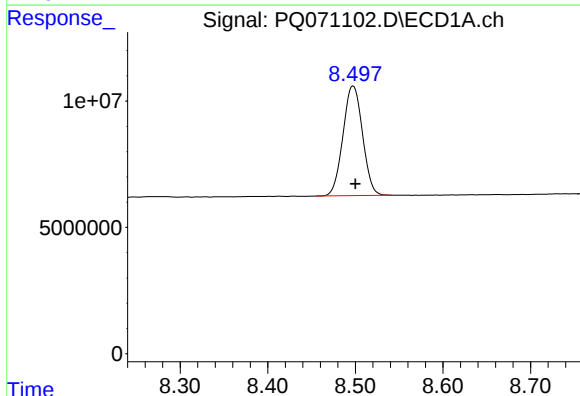
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 89668540  
Conc: 20.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



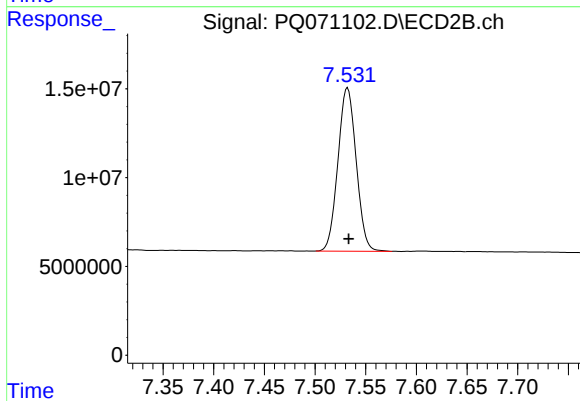
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: -0.002 min  
Response: 96897464  
Conc: 19.07 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 67363051  
Conc: 23.20 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 115533387  
Conc: 22.88 ng/ml

## Report of Analysis

|                                                           |                          |                     |
|-----------------------------------------------------------|--------------------------|---------------------|
| Client: AECOM                                             | Date Collected: 10/23/25 |                     |
| Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: 10/23/25  |                     |
| Client Sample ID: PIBLK-PQ071117.D                        | SDG No.: Q3395           |                     |
| Lab Sample ID: I.BLK-PQ071117.D                           | Matrix: WATER            |                     |
| Analytical Method: 8082A                                  | % Solid: 0               |                     |
| Sample Wt/Vol: 1000 mL                                    | Test: PCB                | Final Vol: 10000 uL |
| Prep Method: 5030                                         | Prep Date                |                     |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.50  | U    | 1  | 0.097    | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 11104-28-2        | Aroclor-1221         | 0.50  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 11141-16-5        | Aroclor-1232         | 0.50  | U    | 1  | 0.096    | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 53469-21-9        | Aroclor-1242         | 0.50  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 12672-29-6        | Aroclor-1248         | 0.50  | U    | 1  | 0.071    | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 11097-69-1        | Aroclor-1254         | 0.50  | U    | 1  | 0.094    | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 11096-82-5        | Aroclor-1260         | 0.50  | U    | 1  | 0.081    | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 37324-23-5        | Aroclor-1262         | 0.50  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| 11100-14-4        | Aroclor-1268         | 0.50  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/23/25  | PQ102325 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |      |    | 60 - 140 | 97%        | 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 &gt;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\PQ102325\  
Data File : PQ071117.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 19:56  
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: Oct 24 02:42:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 90032640 | 98227294 | 20.696 | 19.336 |
| 2)                          | SA Decachlor... | 8.497 | 7.532 | 68468200 | 116.3E6  | 23.577 | 23.040 |

Target Compounds

-----

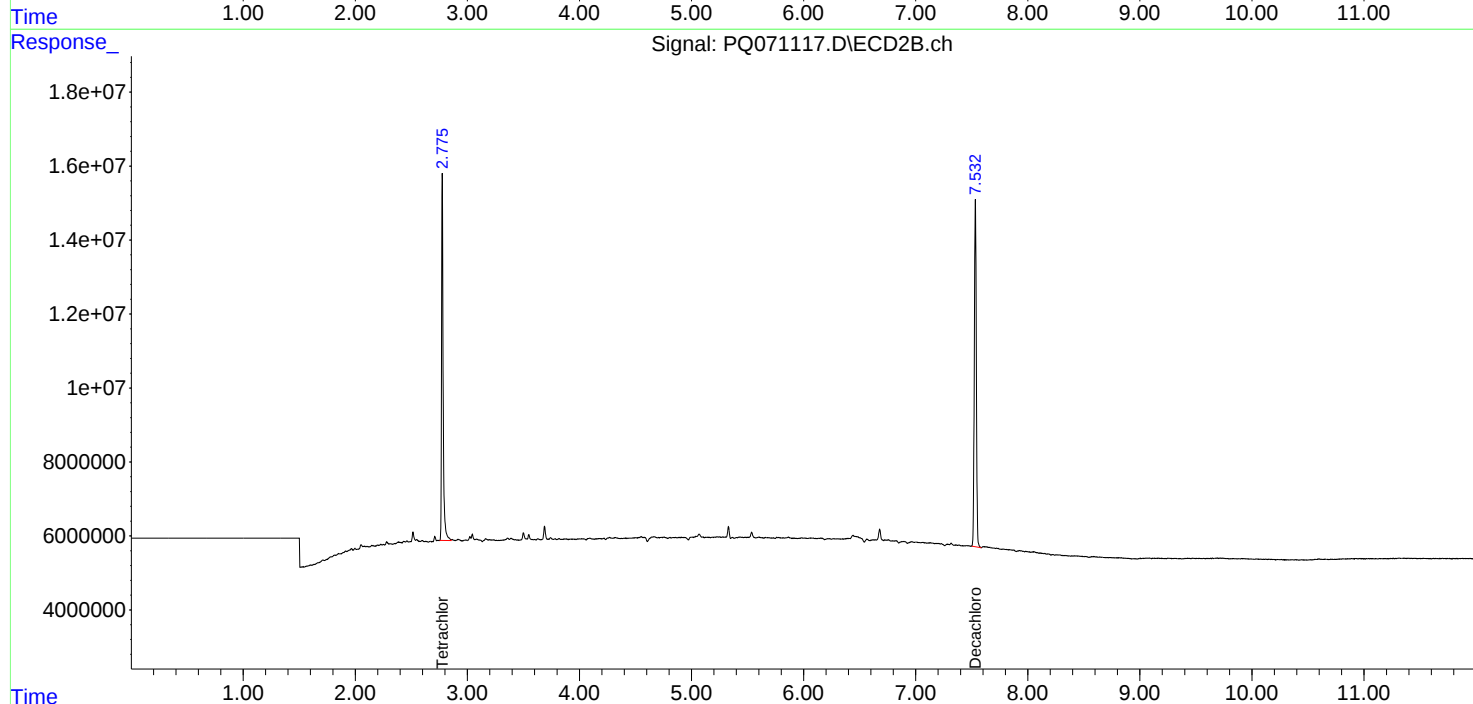
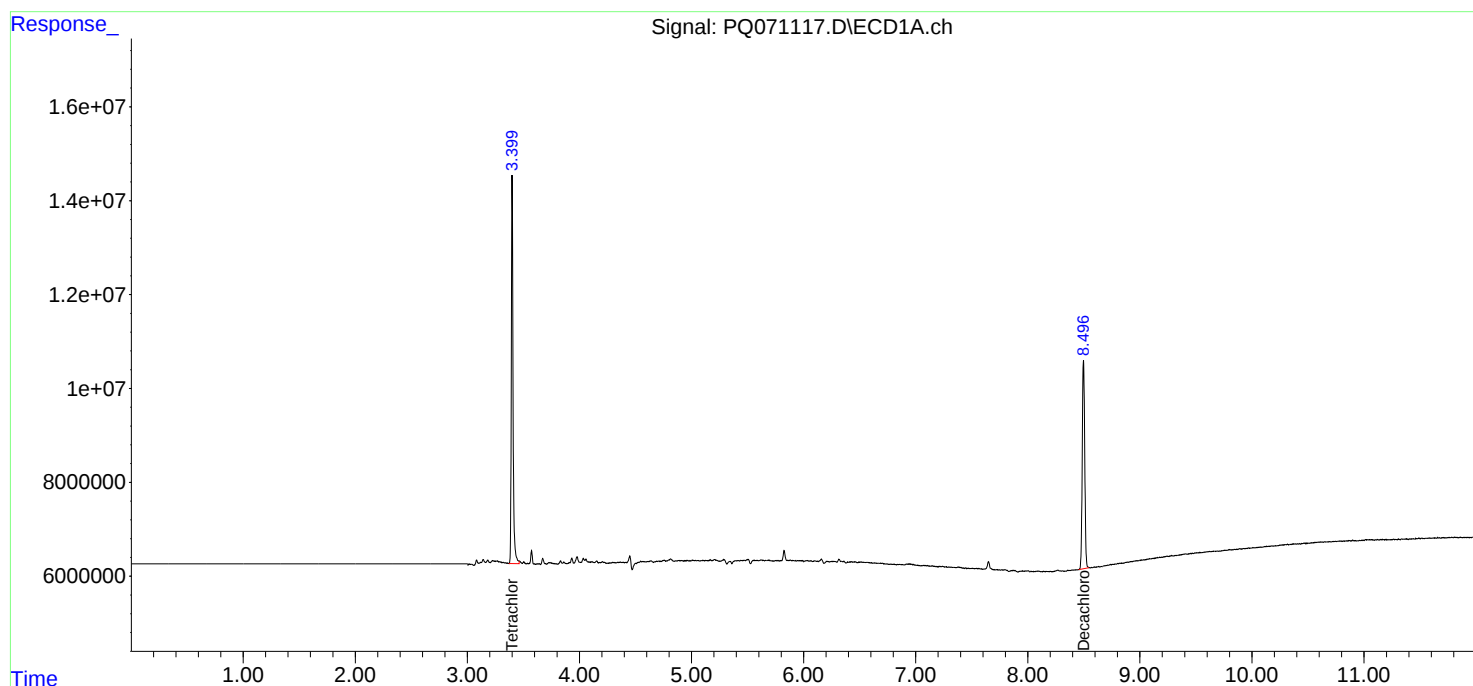
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

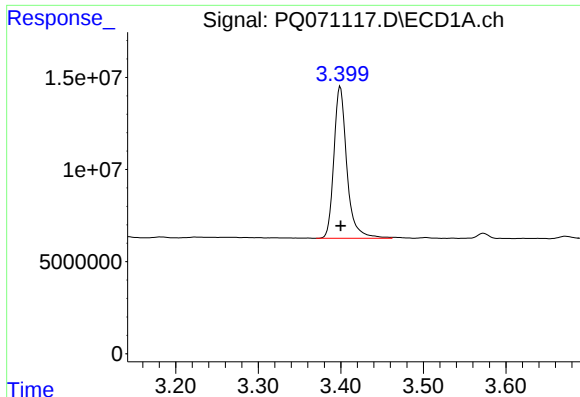
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071117.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 19:56  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:42:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

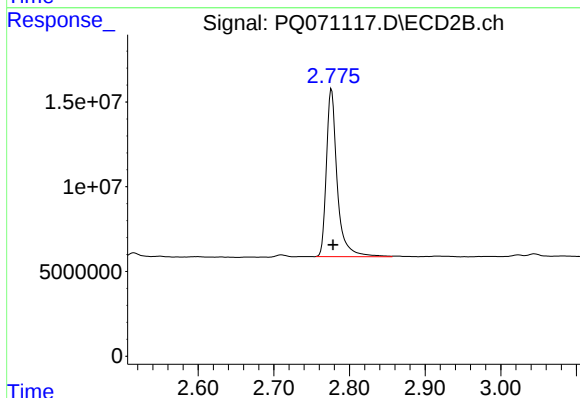




## #1 Tetrachloro-m-xylene

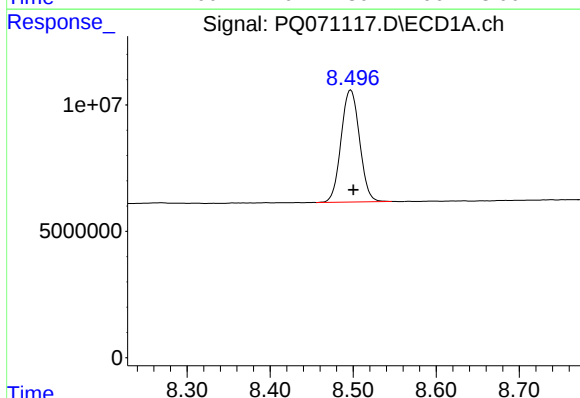
R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 90032640  
Conc: 20.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



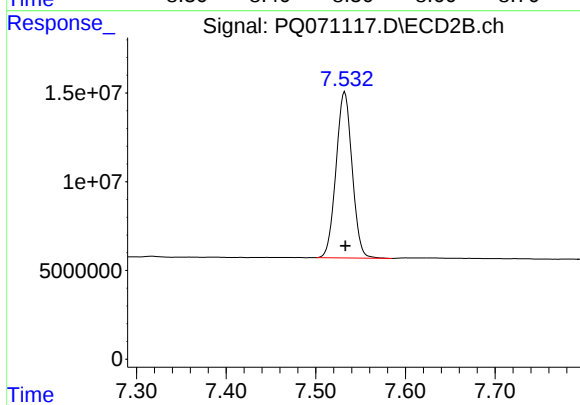
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 98227294  
Conc: 19.34 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 68468200  
Conc: 23.58 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 116343967  
Conc: 23.04 ng/ml

## Report of Analysis

|                    |                                                  |                          |
|--------------------|--------------------------------------------------|--------------------------|
| Client:            | AECOM                                            | Date Collected: 10/24/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: 10/24/25  |
| Client Sample ID:  | PIBLK-PQ071120.D                                 | SDG No.: Q3395           |
| Lab Sample ID:     | I.BLK-PQ071120.D                                 | Matrix: WATER            |
| Analytical Method: | 8082A                                            | % Solid: 0               |
| Sample Wt/Vol:     | 1000 mL                                          | Test: PCB                |
| Prep Method:       | 5030                                             |                          |
|                    | Final Vol: 10000 uL                              |                          |
|                    | Prep Date                                        |                          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.50  | U    | 1  | 0.097    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11104-28-2        | Aroclor-1221         | 0.50  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11141-16-5        | Aroclor-1232         | 0.50  | U    | 1  | 0.096    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 53469-21-9        | Aroclor-1242         | 0.50  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 12672-29-6        | Aroclor-1248         | 0.50  | U    | 1  | 0.071    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11097-69-1        | Aroclor-1254         | 0.50  | U    | 1  | 0.094    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11096-82-5        | Aroclor-1260         | 0.50  | U    | 1  | 0.081    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 37324-23-5        | Aroclor-1262         | 0.50  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11100-14-4        | Aroclor-1268         | 0.50  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.0  |      |    | 60 - 140 | 90%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 21.9  |      |    | 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 &gt;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\PQ102425\  
Data File : PQ071120.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 09:06  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:52:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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...          | 3.400 | 2.776 | 88281477 | 91664219 | 20.293 | 18.044 |
| 2) SA Decachlor...          | 8.498 | 7.531 | 67346455 | 110.9E6  | 23.191 | 21.952 |

Target Compounds

-----

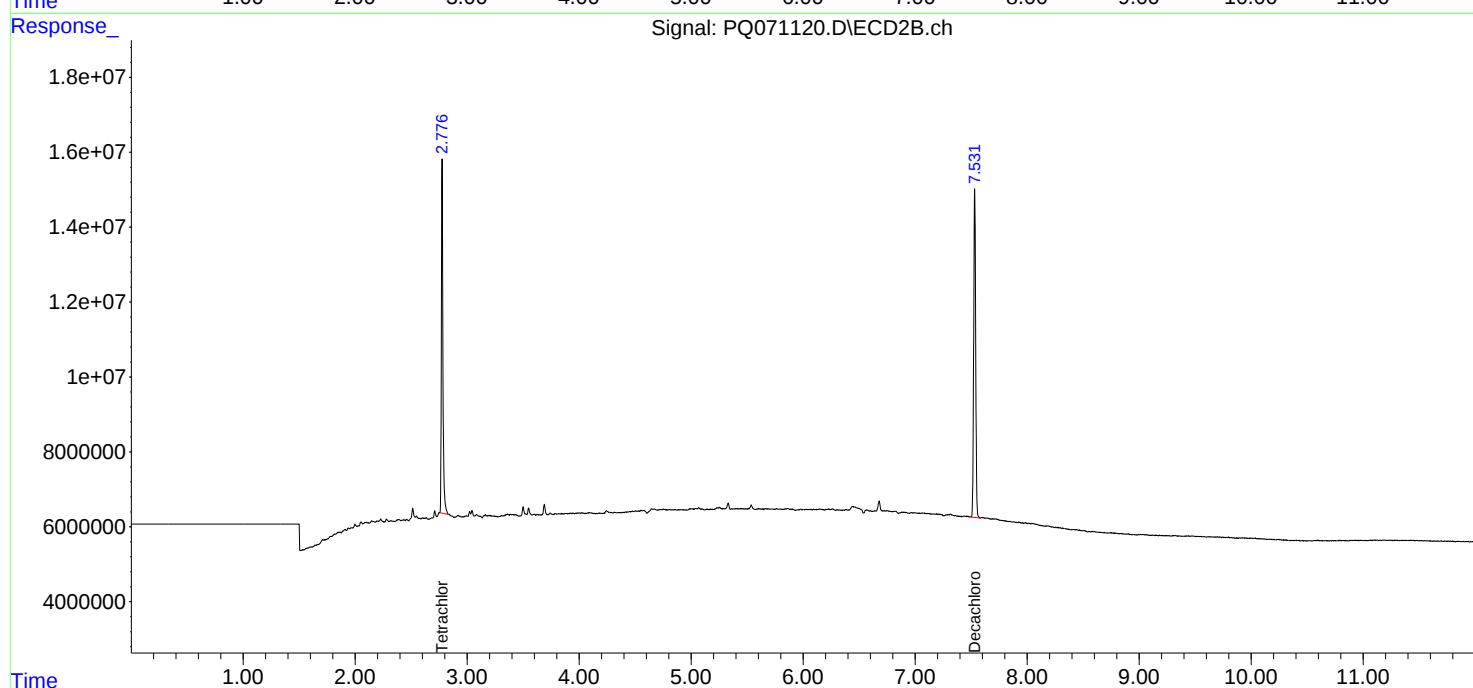
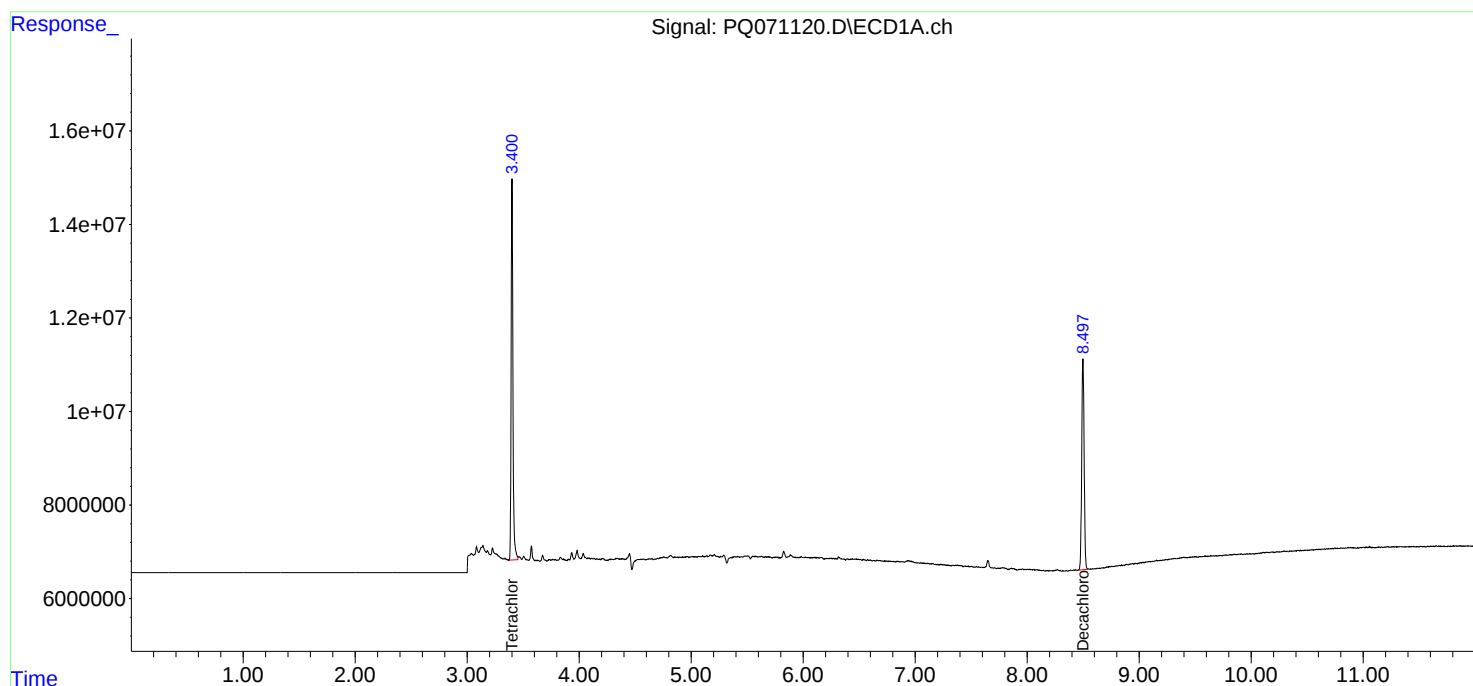
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

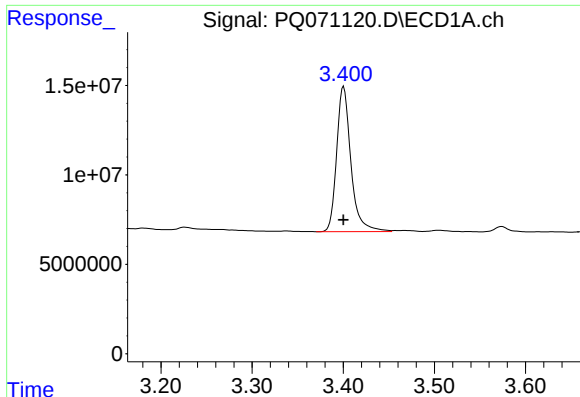
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
Data File : PQ071120.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 09:06  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:52:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

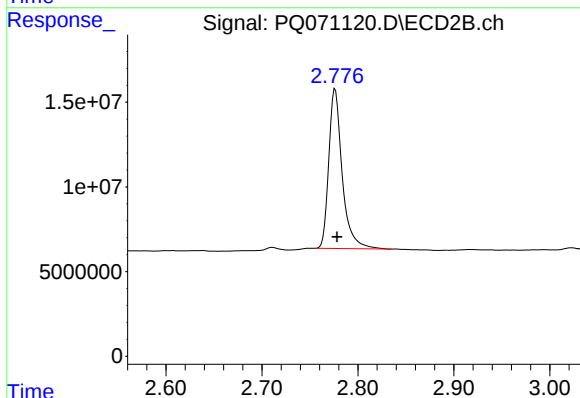




## #1 Tetrachloro-m-xylene

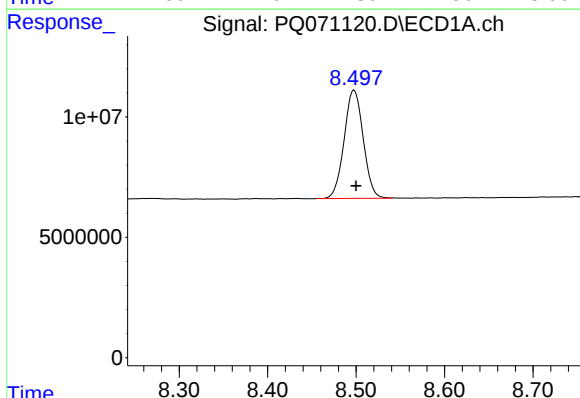
R.T.: 3.400 min  
Delta R.T.: 0.000 min  
Response: 88281477  
Conc: 20.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



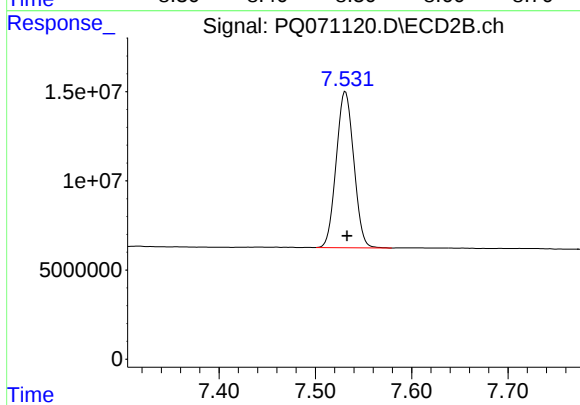
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 91664219  
Conc: 18.04 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 67346455  
Conc: 23.19 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.531 min  
Delta R.T.: -0.002 min  
Response: 110850087  
Conc: 21.95 ng/ml

## Report of Analysis

|                                                           |                          |                     |
|-----------------------------------------------------------|--------------------------|---------------------|
| Client: AECOM                                             | Date Collected: 10/24/25 |                     |
| Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received: 10/24/25  |                     |
| Client Sample ID: PIBLK-PQ071128.D                        | SDG No.: Q3395           |                     |
| Lab Sample ID: I.BLK-PQ071128.D                           | Matrix: WATER            |                     |
| Analytical Method: 8082A                                  | % Solid: 0               |                     |
| Sample Wt/Vol: 1000 mL                                    | Test: PCB                | Final Vol: 10000 uL |
| Prep Method: 5030                                         | Prep Date                |                     |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.50  | U    | 1  | 0.097    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11104-28-2        | Aroclor-1221         | 0.50  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11141-16-5        | Aroclor-1232         | 0.50  | U    | 1  | 0.096    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 53469-21-9        | Aroclor-1242         | 0.50  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 12672-29-6        | Aroclor-1248         | 0.50  | U    | 1  | 0.071    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11097-69-1        | Aroclor-1254         | 0.50  | U    | 1  | 0.094    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11096-82-5        | Aroclor-1260         | 0.50  | U    | 1  | 0.081    | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 37324-23-5        | Aroclor-1262         | 0.50  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| 11100-14-4        | Aroclor-1268         | 0.50  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/24/25  | PQ102425 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |      |    | 60 - 140 | 92%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 22.9  |      |    | 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 &gt;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\PQ102425\  
Data File : PQ071128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 11:46  
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: Oct 24 15:54:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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...          | 3.407 | 2.775 | 90471723 | 93491558 | 20.797 | 18.404 |
| 2) SA Decachlor...          | 8.506 | 7.532 | 70230326 | 115.8E6  | 24.184 | 22.933 |

Target Compounds

-----

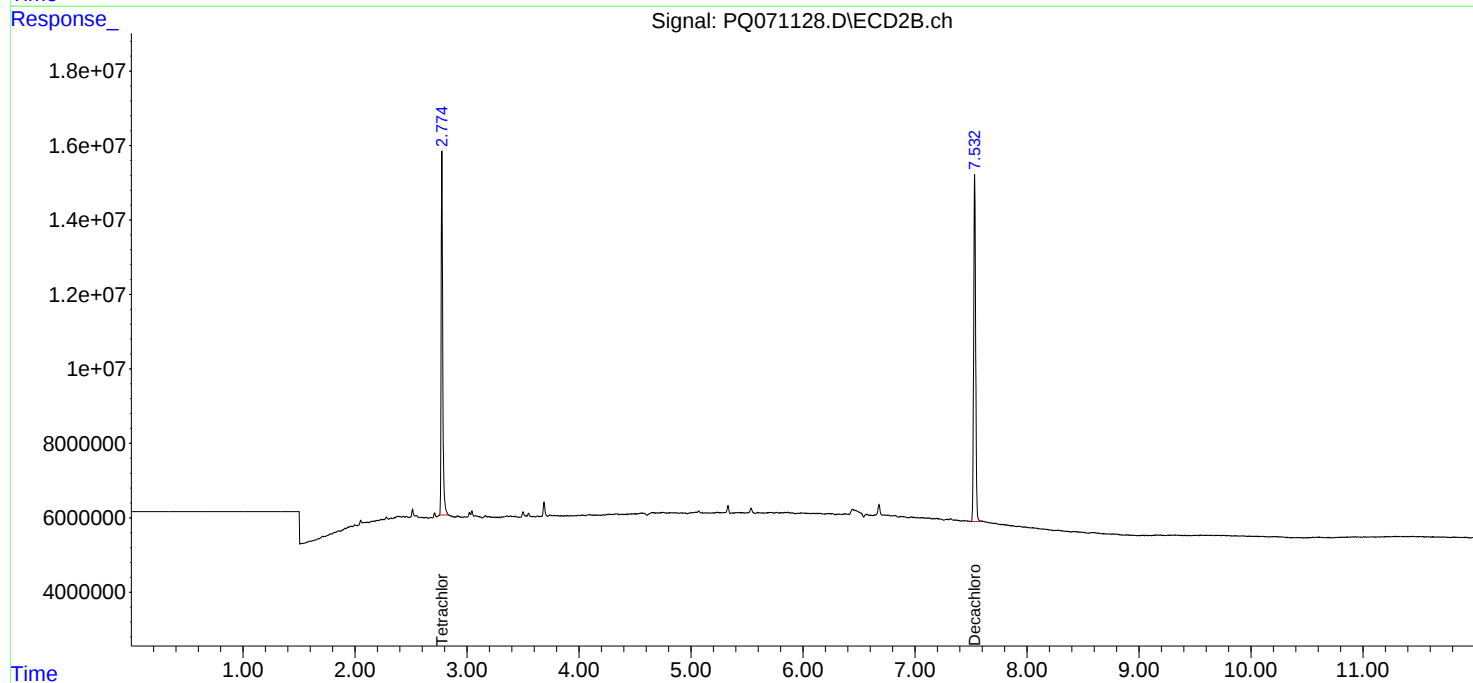
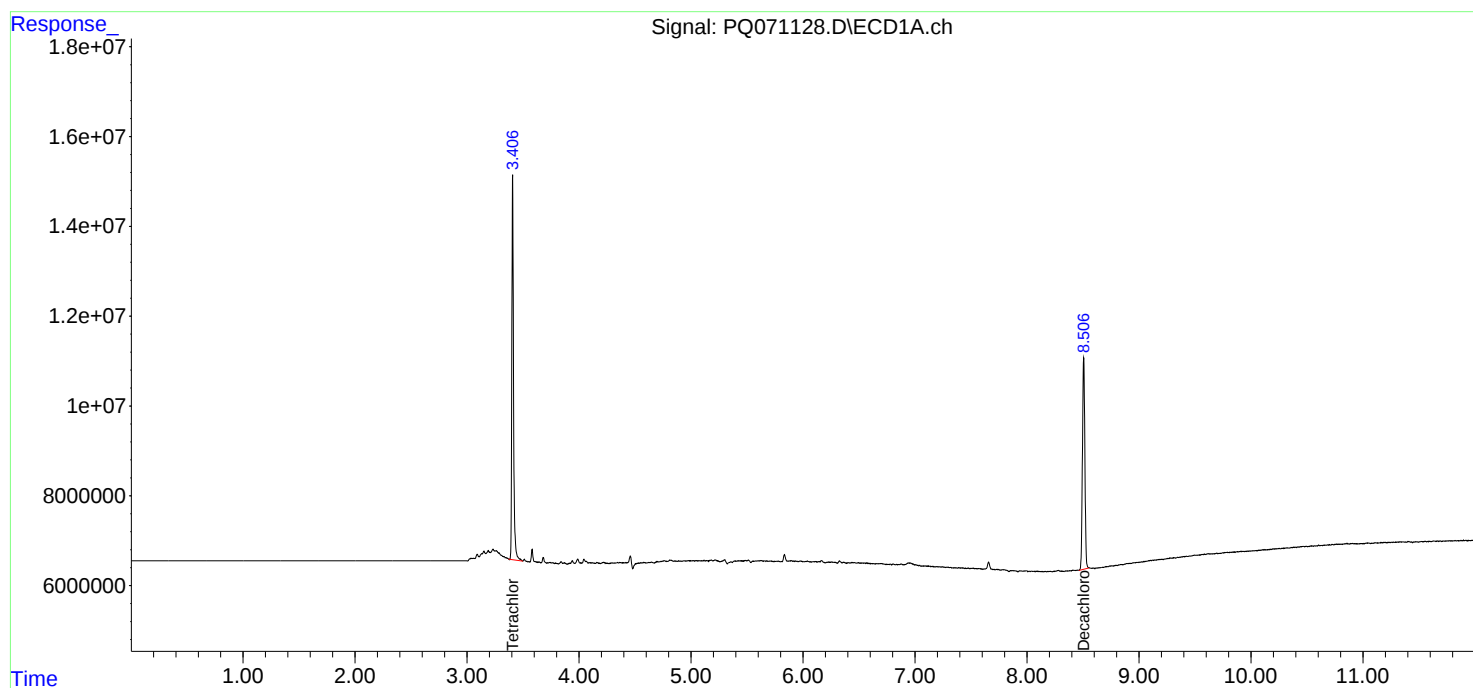
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

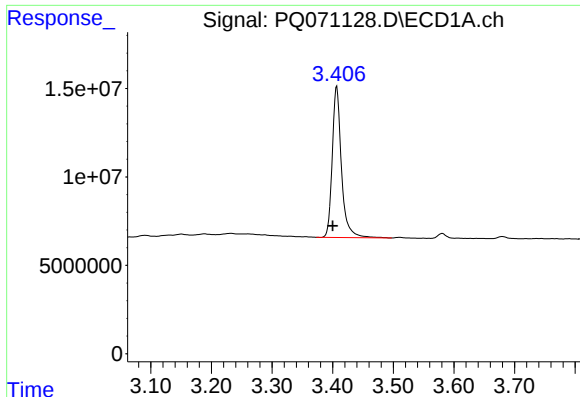
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
Data File : PQ071128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 11:46  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:54:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

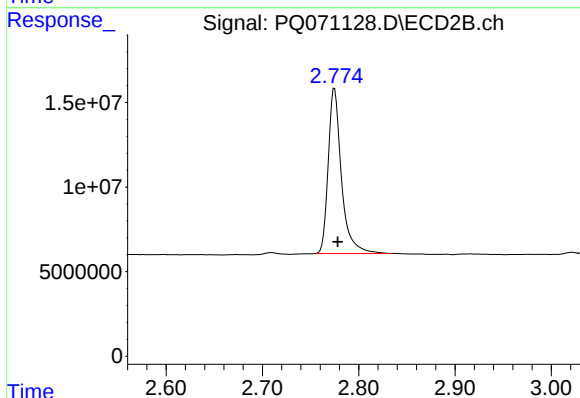




#1 Tetrachloro-m-xylene

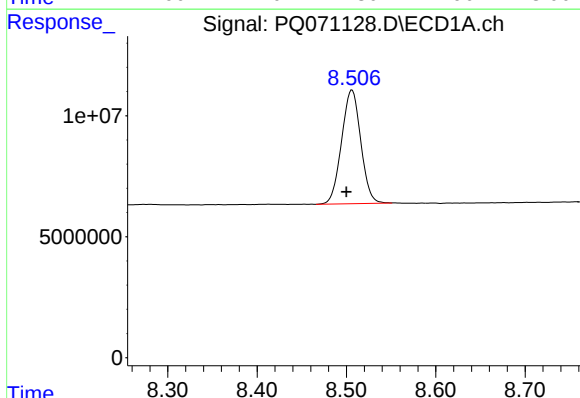
R.T.: 3.407 min  
Delta R.T.: 0.007 min  
Response: 90471723  
Conc: 20.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



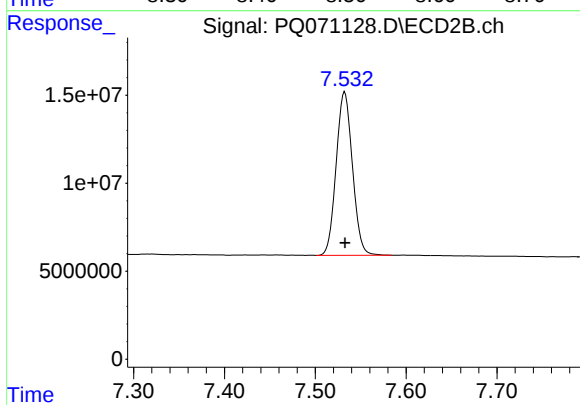
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 93491558  
Conc: 18.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.506 min  
Delta R.T.: 0.006 min  
Response: 70230326  
Conc: 24.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 115799724  
Conc: 22.93 ng/ml



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

## Report of Analysis

|                    |                                                  |                     |                 |       |
|--------------------|--------------------------------------------------|---------------------|-----------------|-------|
| Client:            | AECOM                                            |                     | Date Collected: |       |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  |       |
| Client Sample ID:  | PB170227BS                                       |                     | SDG No.:        | Q3395 |
| Lab Sample ID:     | PB170227BS                                       |                     | Matrix:         | SOIL  |
| Analytical Method: | 8082A                                            |                     | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.03 g                                          | Final Vol: 10000 uL | Test:           | PCB   |
| Prep Method:       | SW3541B                                          | Prep Date 10/23/25  |                 |       |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 178   |      | 1  | 3.90     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 17.0  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 17.0  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 17.0  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 17.0  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 17.0  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 17.0  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 17.0  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 181   |      | 1  | 3.20     | 17.0       | ug/kg   | 10/24/25 10:07 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 22.2  |      |    | 32 - 144 | 111%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 25.4  |      |    | 32 - 175 | 127%       | 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\PQ102425\  
 Data File : PQ071123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2025 10:07  
 Operator : YP\AJ  
 Sample : PB170227BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PB170227BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 15:53:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.404 | 2.776 | 96704010 | 92071244 | 22.229  | 18.124  |
| 2) SA Decachlor...          | 8.502 | 7.533 | 73845874 | 120.2E6  | 25.429  | 23.808  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.485 | 3.775 | 86130438 | 95488293 | 524.725 | 426.283 |
| 4) L1 AR-1016-2             | 4.503 | 3.791 | 138.9E6  | 147.2E6  | 542.016 | 432.826 |
| 5) L1 AR-1016-3             | 4.561 | 3.951 | 86364687 | 79917413 | 542.770 | 439.447 |
| 6) L1 AR-1016-4             | 4.650 | 4.000 | 70664075 | 67959840 | 543.866 | 431.730 |
| 7) L1 AR-1016-5             | 4.935 | 4.195 | 67747523 | 81825631 | 525.979 | 426.526 |
| 31) L7 AR-1260-1            | 6.025 | 5.187 | 136.7E6  | 170.6E6  | 582.919 | 473.409 |
| 32) L7 AR-1260-2            | 6.281 | 5.377 | 164.4E6  | 198.8E6  | 594.351 | 451.729 |
| 33) L7 AR-1260-3            | 6.631 | 5.517 | 97835798 | 187.5E6  | 490.877 | 451.851 |
| 34) L7 AR-1260-4            | 6.845 | 5.978 | 113.6E6  | 146.5E6  | 528.764 | 407.108 |
| 35) L7 AR-1260-5            | 7.151 | 6.222 | 225.7E6  | 331.4E6  | 520.360 | 394.419 |
| -----                       |       |       |          |          |         |         |

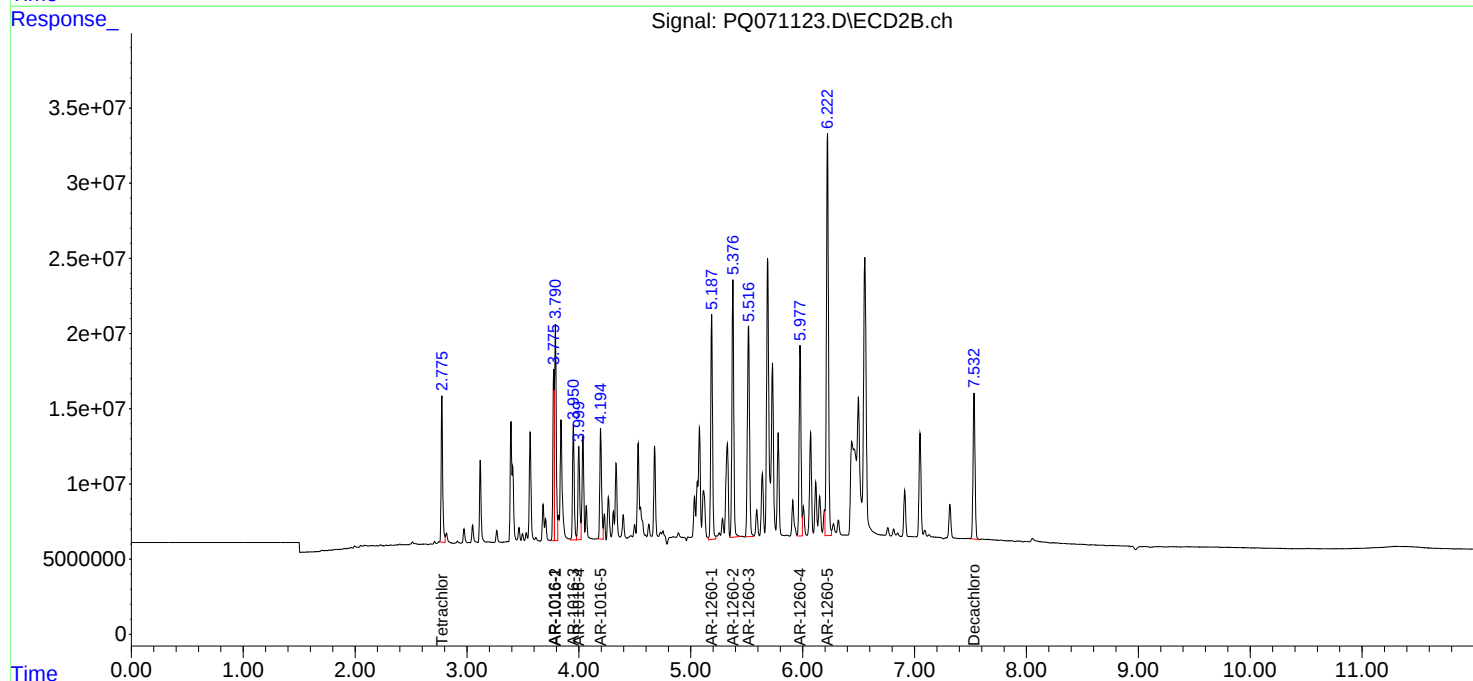
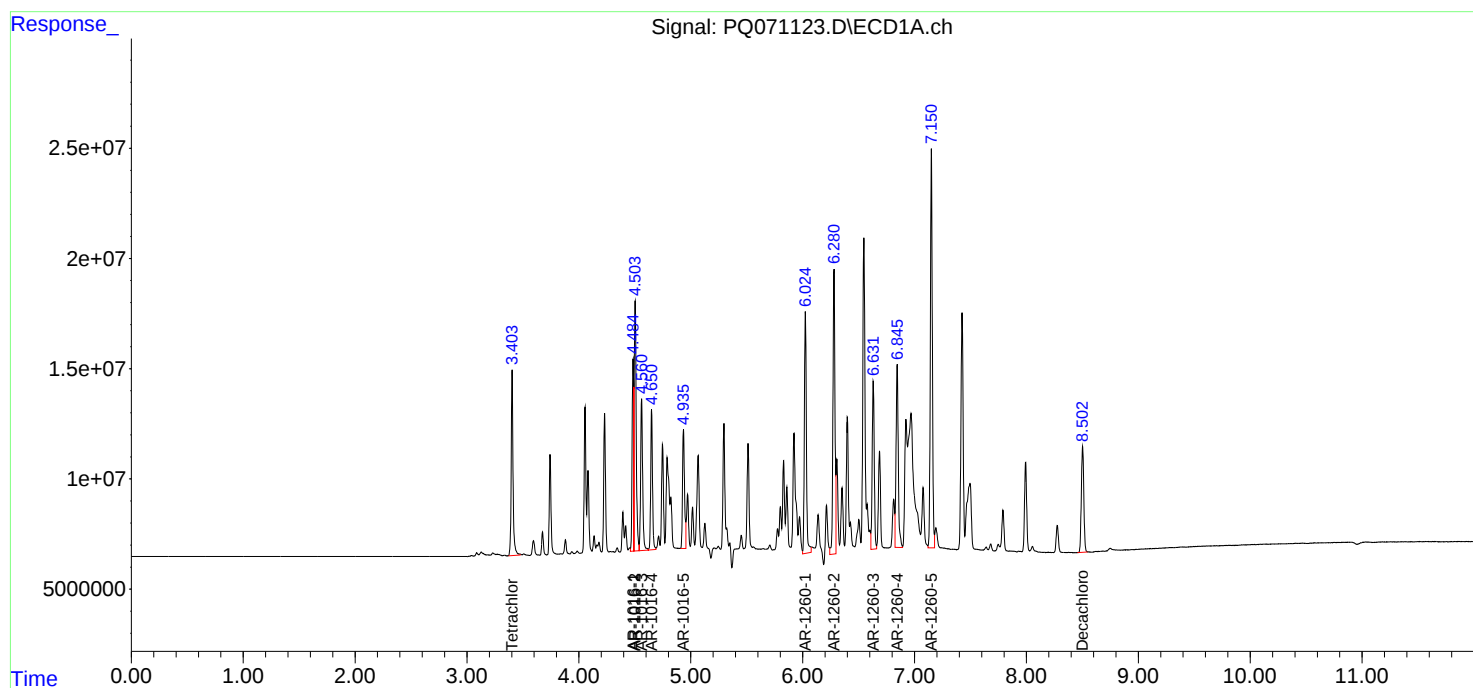
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

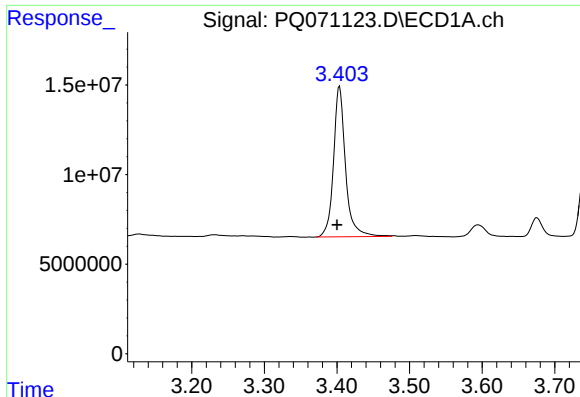
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102425\  
Data File : PQ071123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2025 10:07  
Operator : YP\AJ  
Sample : PB170227BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 15:53:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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

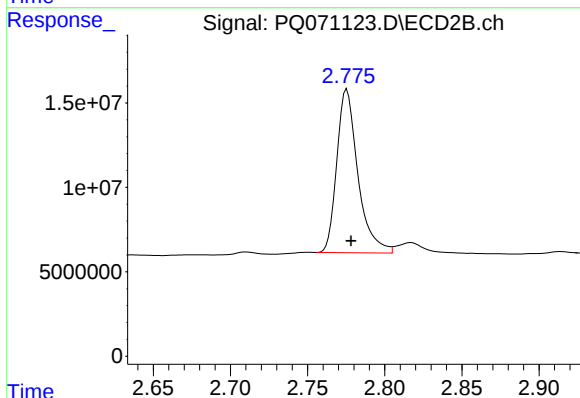




## #1 Tetrachloro-m-xylene

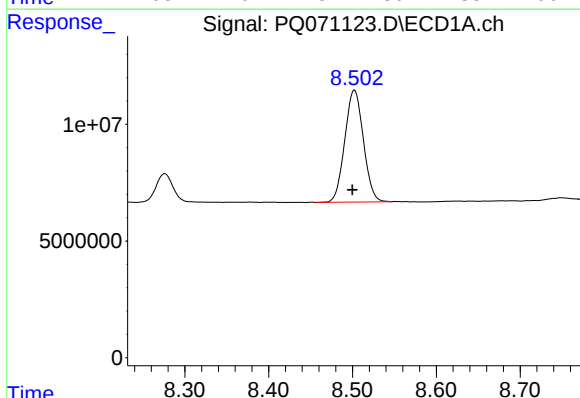
R.T.: 3.404 min  
Delta R.T.: 0.004 min  
Response: 96704010  
Conc: 22.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS



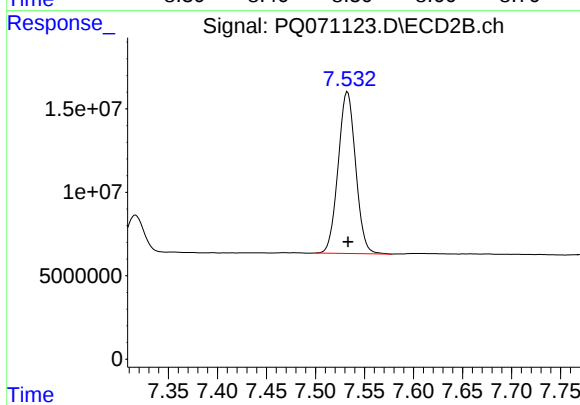
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.003 min  
Response: 92071244  
Conc: 18.12 ng/ml



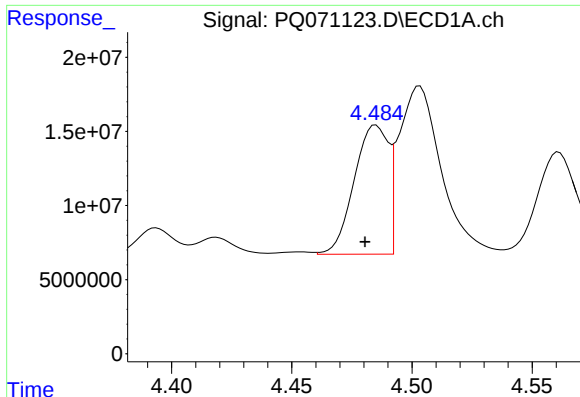
## #2 Decachlorobiphenyl

R.T.: 8.502 min  
Delta R.T.: 0.002 min  
Response: 73845874  
Conc: 25.43 ng/ml



## #2 Decachlorobiphenyl

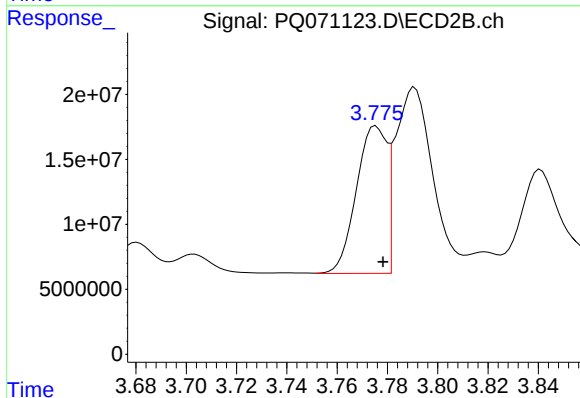
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 120218279  
Conc: 23.81 ng/ml



#3 AR-1016-1

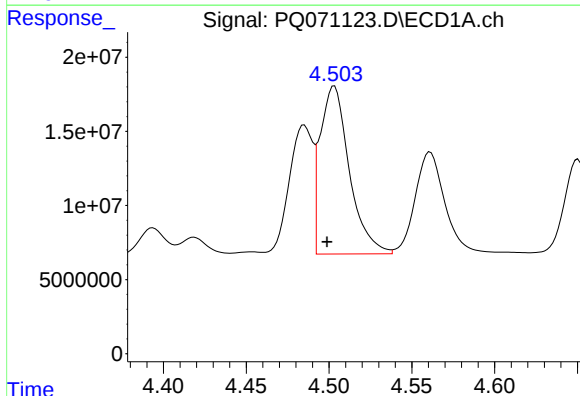
R.T.: 4.485 min  
Delta R.T.: 0.005 min  
Response: 86130438  
Conc: 524.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS



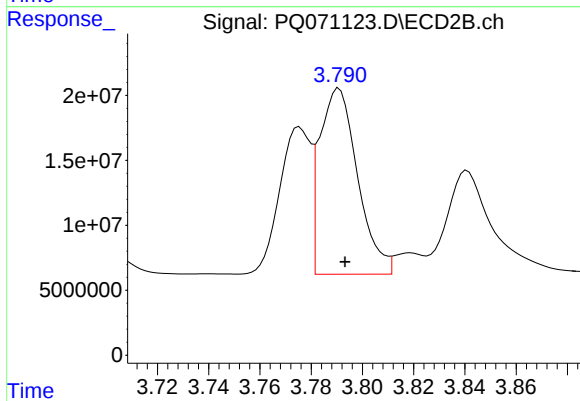
#3 AR-1016-1

R.T.: 3.775 min  
Delta R.T.: -0.003 min  
Response: 95488293  
Conc: 426.28 ng/ml



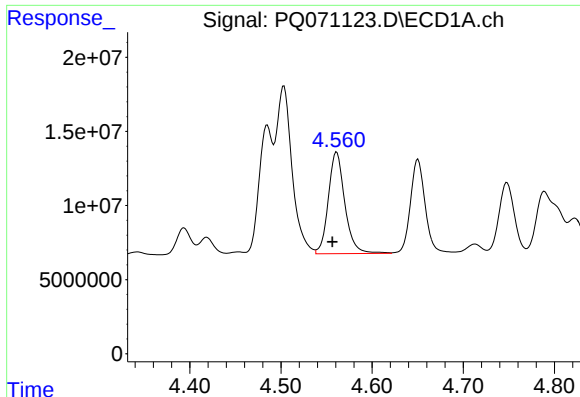
#4 AR-1016-2

R.T.: 4.503 min  
Delta R.T.: 0.004 min  
Response: 138915563  
Conc: 542.02 ng/ml



#4 AR-1016-2

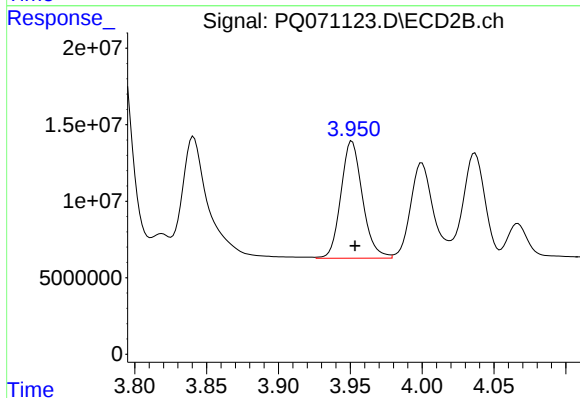
R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 147214214  
Conc: 432.83 ng/ml



#5 AR-1016-3

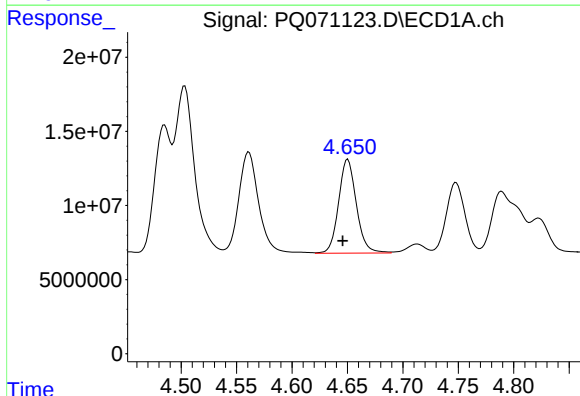
R.T.: 4.561 min  
Delta R.T.: 0.005 min  
Response: 86364687  
Conc: 542.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS



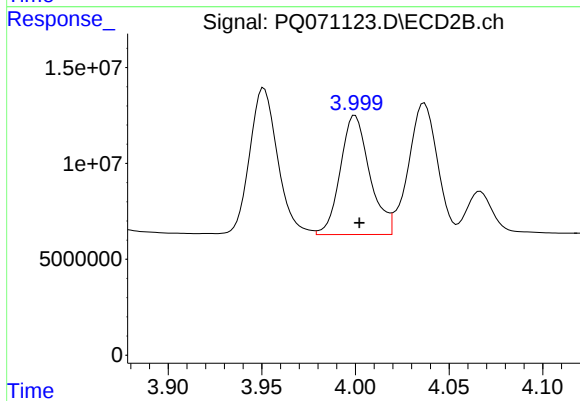
#5 AR-1016-3

R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 79917413  
Conc: 439.45 ng/ml



#6 AR-1016-4

R.T.: 4.650 min  
Delta R.T.: 0.004 min  
Response: 70664075  
Conc: 543.87 ng/ml



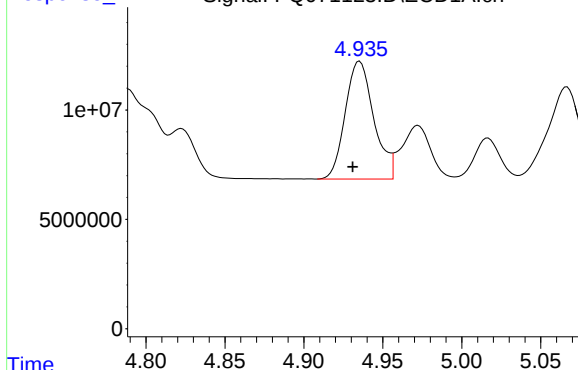
#6 AR-1016-4

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 67959840  
Conc: 431.73 ng/ml

Response\_

Signal: PQ071123.D\ECD1A.ch

#7 AR-1016-5



R.T.: 4.935 min  
Delta R.T.: 0.004 min  
Response: 67747523  
Conc: 525.98 ng/ml

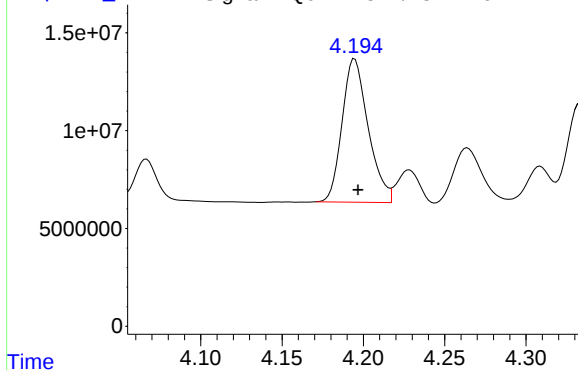
Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS

Time

Response\_

Signal: PQ071123.D\ECD2B.ch

#7 AR-1016-5



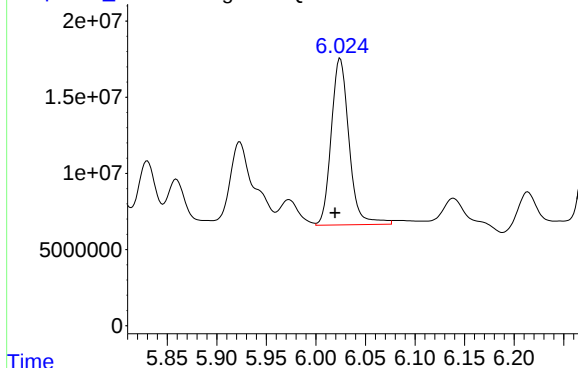
R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 81825631  
Conc: 426.53 ng/ml

Time

Response\_

Signal: PQ071123.D\ECD1A.ch

#31 AR-1260-1



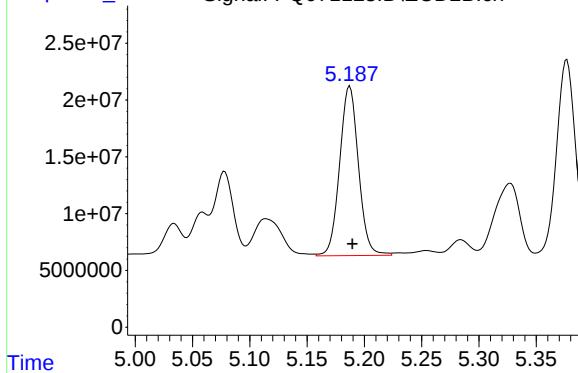
R.T.: 6.025 min  
Delta R.T.: 0.005 min  
Response: 136677540  
Conc: 582.92 ng/ml

Time

Response\_

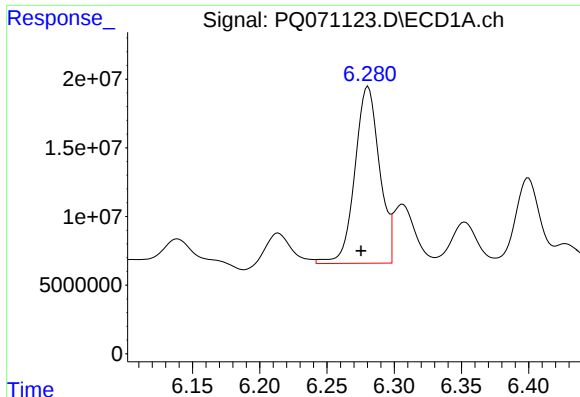
Signal: PQ071123.D\ECD2B.ch

#31 AR-1260-1



R.T.: 5.187 min  
Delta R.T.: -0.002 min  
Response: 170619497  
Conc: 473.41 ng/ml

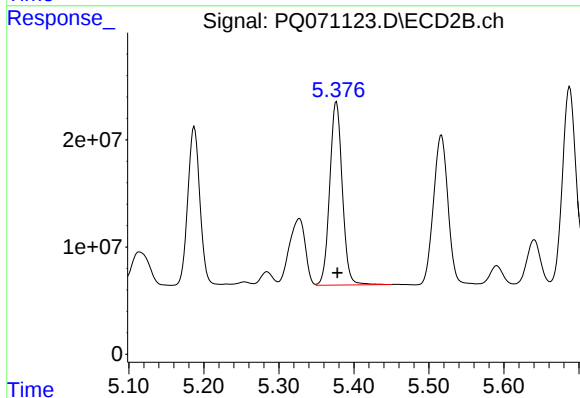
Time



#32 AR-1260-2

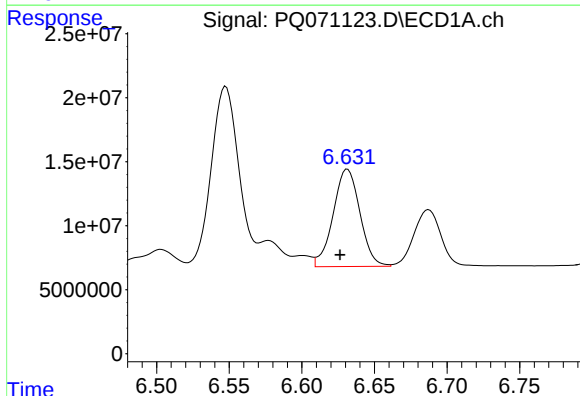
R.T.: 6.281 min  
Delta R.T.: 0.005 min  
Response: 164402869  
Conc: 594.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS



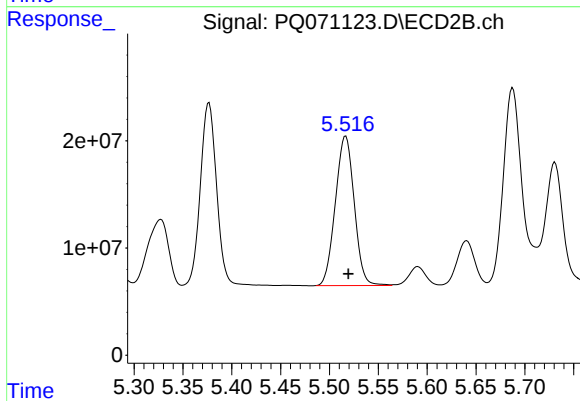
#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: -0.001 min  
Response: 198757790  
Conc: 451.73 ng/ml



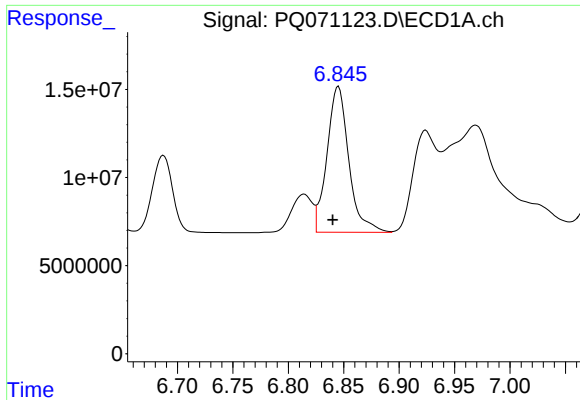
#33 AR-1260-3

R.T.: 6.631 min  
Delta R.T.: 0.005 min  
Response: 97835798  
Conc: 490.88 ng/ml



#33 AR-1260-3

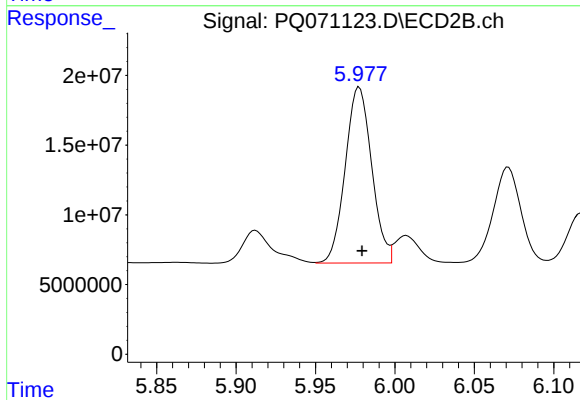
R.T.: 5.517 min  
Delta R.T.: -0.003 min  
Response: 187518017  
Conc: 451.85 ng/ml



#34 AR-1260-4

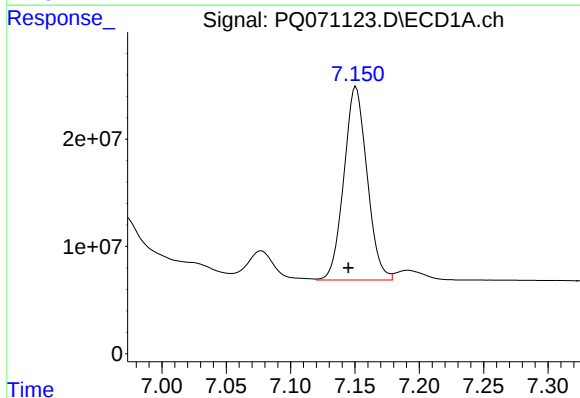
R.T.: 6.845 min  
Delta R.T.: 0.005 min  
Response: 113622583  
Conc: 528.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB170227BS



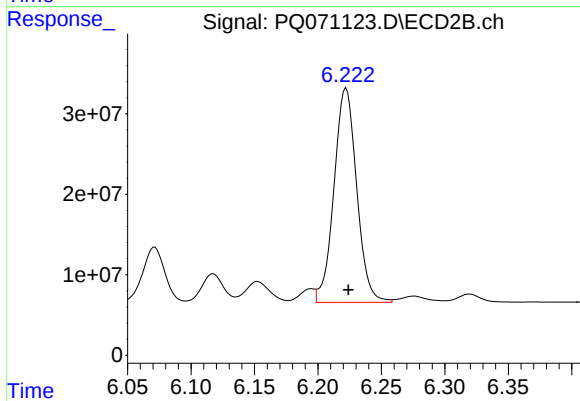
#34 AR-1260-4

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 146462395  
Conc: 407.11 ng/ml



#35 AR-1260-5

R.T.: 7.151 min  
Delta R.T.: 0.006 min  
Response: 225720471  
Conc: 520.36 ng/ml



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 331423114  
Conc: 394.42 ng/ml



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |
| Client Sample ID:  | PR132-S07-000102-20251017MS                      |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | Q3395-03MS                                       |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 47.9     |
| Sample Wt/Vol:     | 30.02 g                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                                          | Prep Date  | 10/23/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 351   |      | 1  | 8.20     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 35.5  | U    | 1  | 8.40     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 35.5  | U    | 1  | 7.80     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 35.5  | U    | 1  | 8.40     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 35.5  | U    | 1  | 12.4     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 198   |      | 1  | 6.70     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 35.5  | U    | 1  | 10.5     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 35.5  | U    | 1  | 7.50     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 332   |      | 1  | 6.70     | 35.5       | ug/kg   | 10/23/25 15:48 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 26.2  |      |    | 32 - 144 | 131%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 29.6  |      |    | 32 - 175 | 148%       | 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\PQ102325\  
 Data File : PQ071107.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 15:48  
 Operator : YP\AJ  
 Sample : Q3395-03MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PR132-S07-000102-20251017MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:40:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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...          | 3.399 | 2.776 | 113.9E6  | 113.6E6  | 26.184   | 22.360    |
| 2) SA Decachlor...          | 8.497 | 7.532 | 86041826 | 138.9E6  | 29.629   | 27.512    |
| Target Compounds            |       |       |          |          |          |           |
| 3) L1 AR-1016-1             | 4.479 | 3.775 | 79448086 | 87023445 | 484.015m | 388.494m  |
| 4) L1 AR-1016-2             | 4.498 | 3.790 | 131.3E6  | 136.2E6  | 512.172m | 400.458m  |
| 5) L1 AR-1016-3             | 4.555 | 3.951 | 77496804 | 78730142 | 487.039m | 432.919m  |
| 6) L1 AR-1016-4             | 4.644 | 3.999 | 67556557 | 64444674 | 519.949m | 409.400m  |
| 7) L1 AR-1016-5             | 4.930 | 4.195 | 66727924 | 85157656 | 518.063  | 443.895   |
| 26) L6 AR-1254-1            | 5.292 | 4.531 | 49361509 | 84930259 | 251.487  | 251.860   |
| 27) L6 AR-1254-2            | 5.507 | 4.677 | 59214992 | 96689399 | 203.850  | 325.384 # |
| 28) L6 AR-1254-3            | 5.855 | 5.059 | 41053495 | 42236930 | 133.634  | 90.430 #  |
| 29) L6 AR-1254-4            | 6.134 | 5.284 | 22520657 | 20742380 | 102.581  | 70.253 #  |
| 30) L6 AR-1254-5            | 6.542 | 5.687 | 170.2E6  | 226.5E6  | 733.750  | 538.746 # |
| 31) L7 AR-1260-1            | 6.020 | 5.187 | 116.1E6  | 157.3E6  | 495.068  | 436.442   |
| 32) L7 AR-1260-2            | 6.276 | 5.377 | 148.0E6  | 182.7E6  | 535.185  | 415.204   |
| 33) L7 AR-1260-3            | 6.627 | 5.517 | 86156630 | 175.3E6  | 432.278  | 422.513   |
| 34) L7 AR-1260-4            | 6.841 | 5.977 | 98456342 | 127.3E6  | 458.185  | 353.921   |
| 35) L7 AR-1260-5            | 7.146 | 6.222 | 200.8E6  | 290.8E6  | 462.978  | 346.022 # |
| -----                       |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071107.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 15:48  
Operator : YP\AJ  
Sample : Q3395-03MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

## Instrument :

ECD\_Q

## ClientSampleId :

PR132-S07-000102-20251017MS

## Manual Integrations

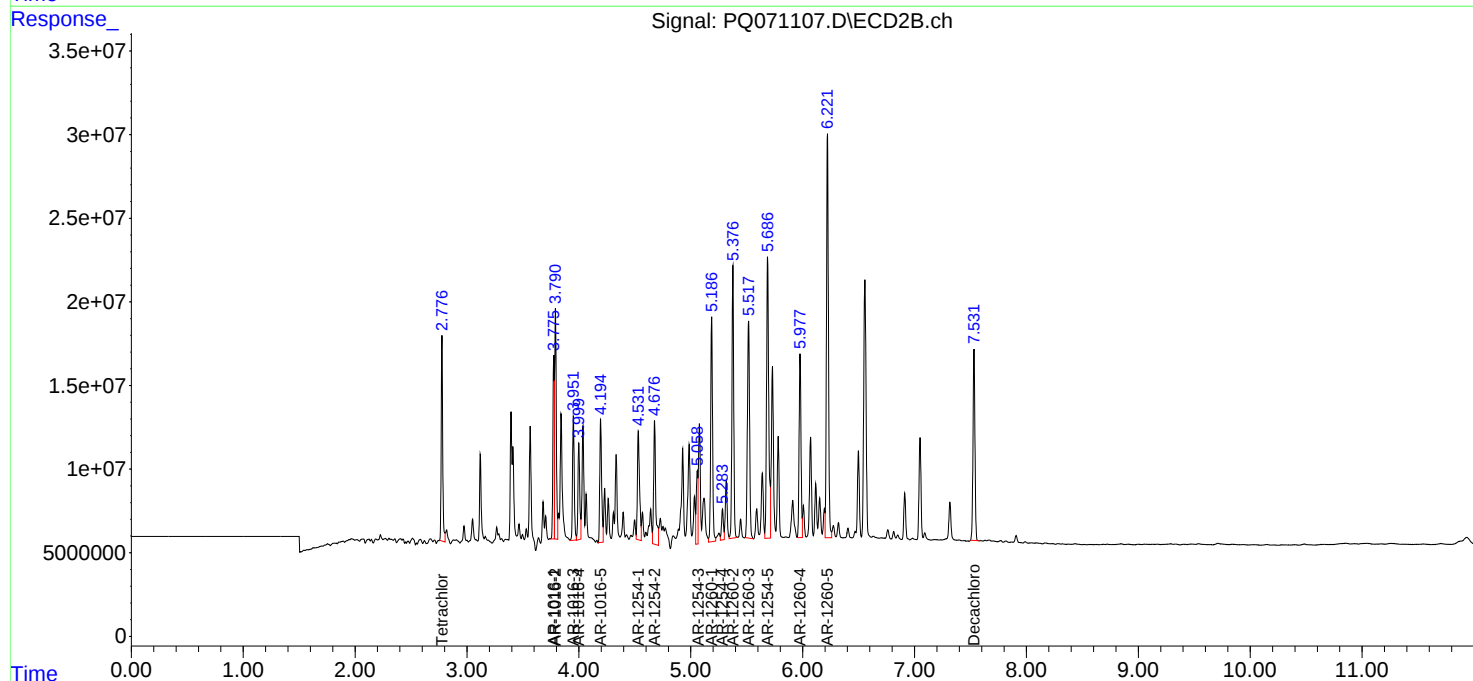
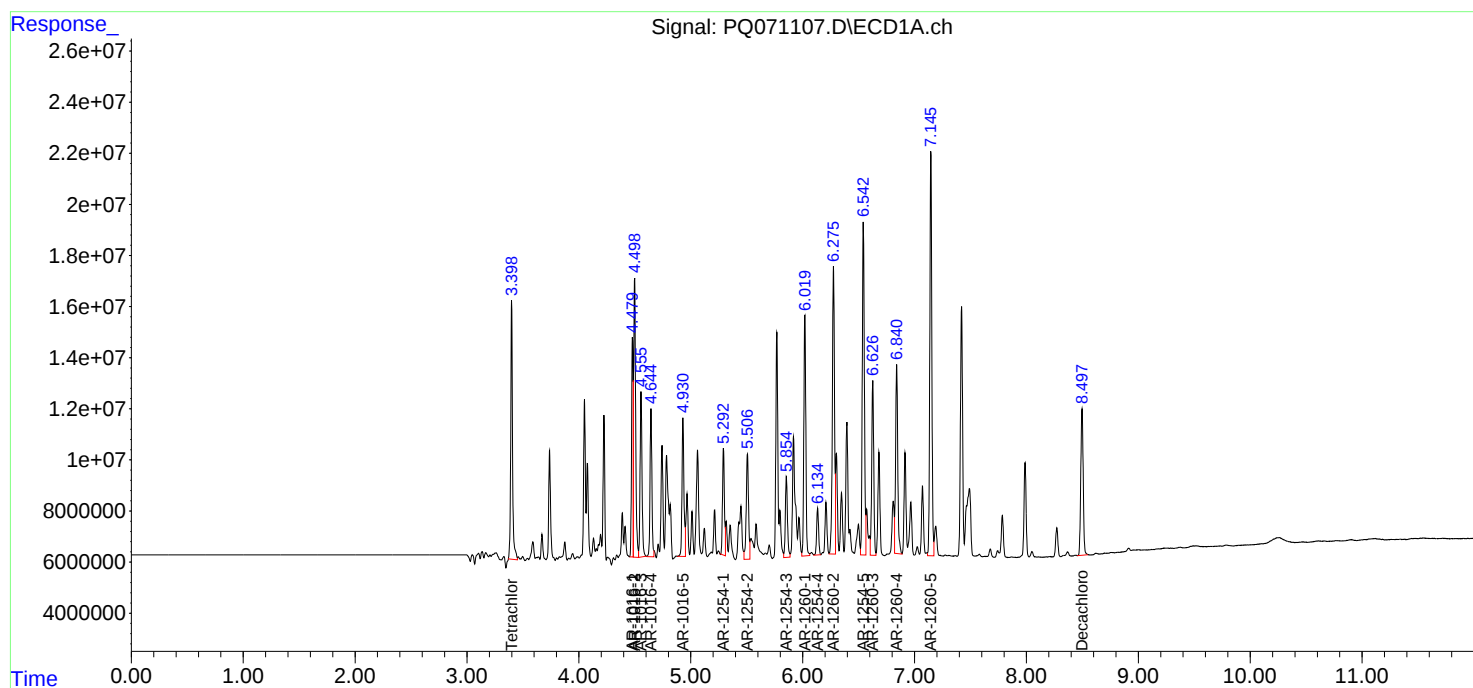
## APPROVED

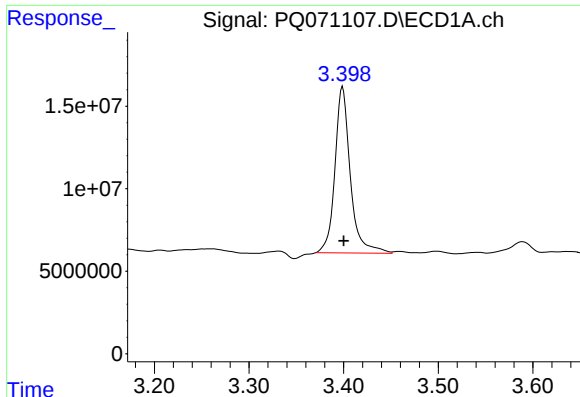
Reviewed By :Yogesh Patel 10/24/2025

Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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





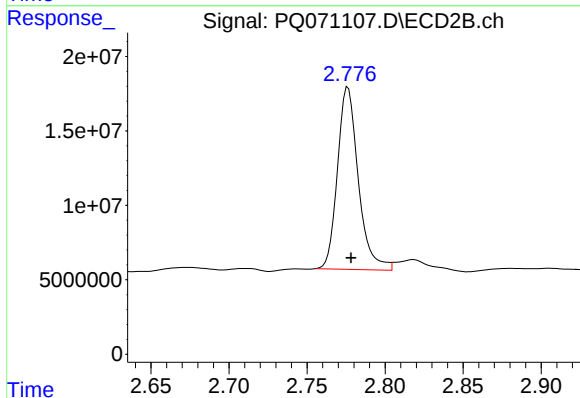
## #1 Tetrachloro-m-xylene

R.T.: 3.399 min  
Delta R.T.: -0.001 min  
Response: 113905561  
Conc: 26.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

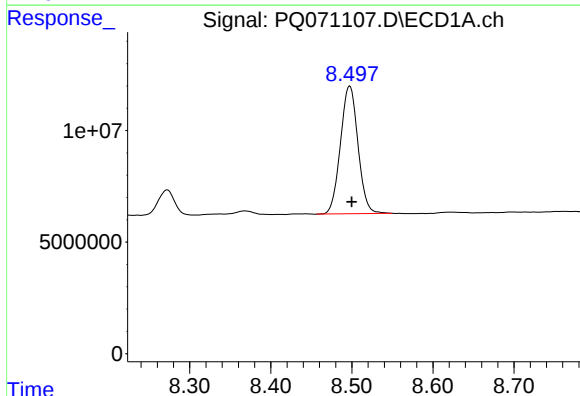
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



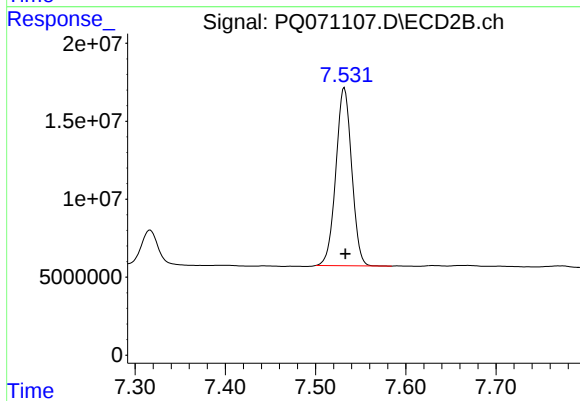
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 113590431  
Conc: 22.36 ng/ml



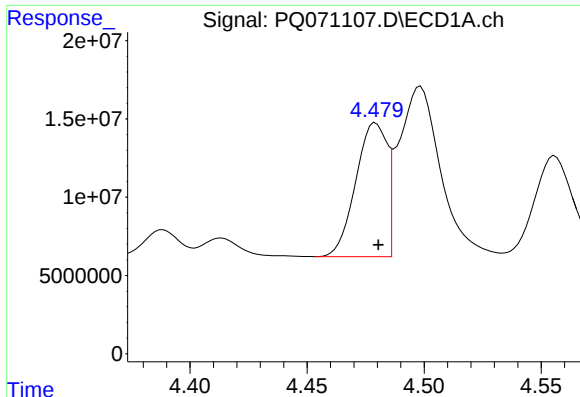
## #2 Decachlorobiphenyl

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 86041826  
Conc: 29.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: -0.001 min  
Response: 138924299  
Conc: 27.51 ng/ml



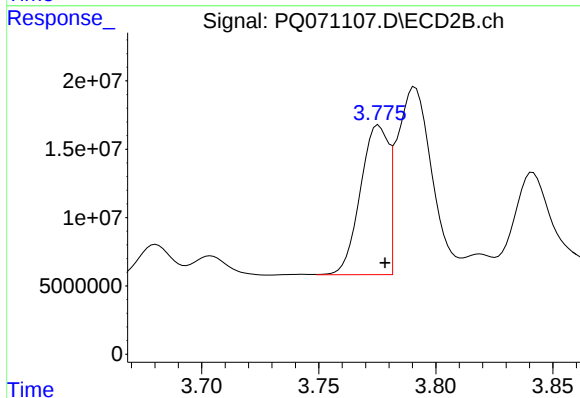
#3 AR-1016-1

R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 79448086  
Conc: 484.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

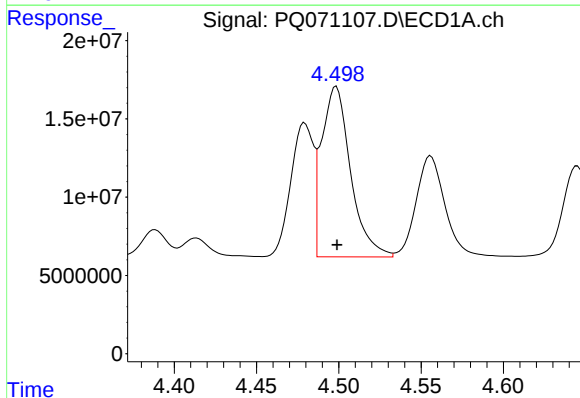
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



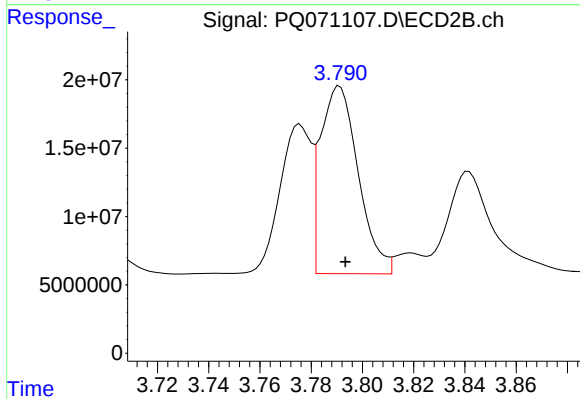
#3 AR-1016-1

R.T.: 3.775 min  
Delta R.T.: -0.003 min  
Response: 87023445  
Conc: 388.49 ng/ml m



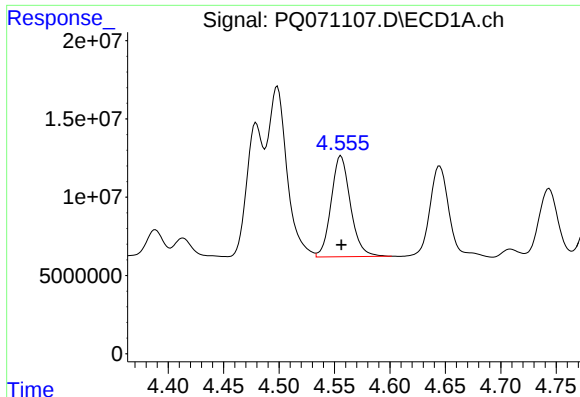
#4 AR-1016-2

R.T.: 4.498 min  
Delta R.T.: -0.001 min  
Response: 131266752  
Conc: 512.17 ng/ml m



#4 AR-1016-2

R.T.: 3.790 min  
Delta R.T.: -0.003 min  
Response: 136205028  
Conc: 400.46 ng/ml m



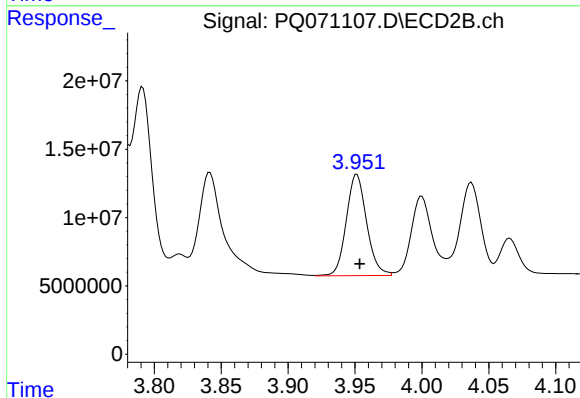
#5 AR-1016-3

R.T.: 4.555 min  
Delta R.T.: -0.001 min  
Response: 77496804  
Conc: 487.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

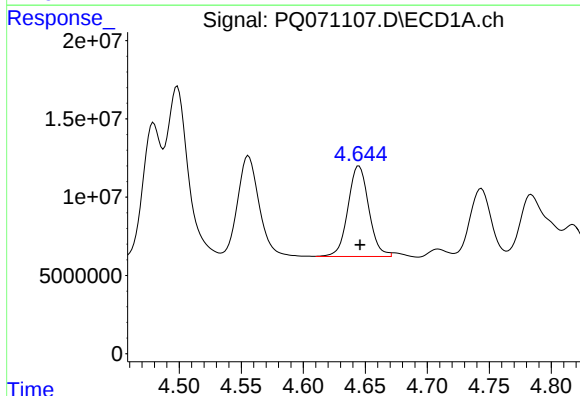
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



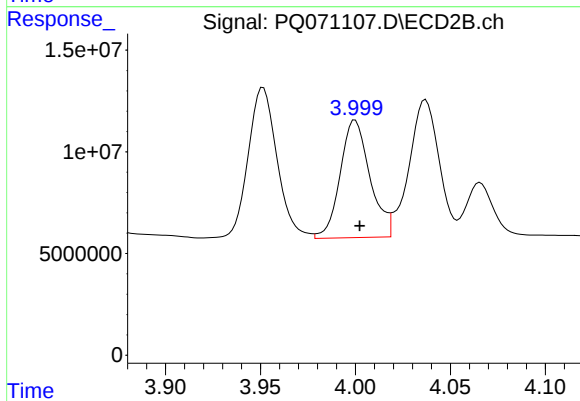
#5 AR-1016-3

R.T.: 3.951 min  
Delta R.T.: -0.003 min  
Response: 78730142  
Conc: 432.92 ng/ml m



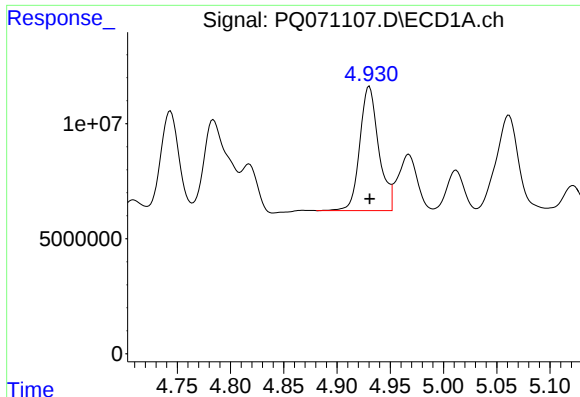
#6 AR-1016-4

R.T.: 4.644 min  
Delta R.T.: -0.002 min  
Response: 67556557  
Conc: 519.95 ng/ml m



#6 AR-1016-4

R.T.: 3.999 min  
Delta R.T.: -0.003 min  
Response: 64444674  
Conc: 409.40 ng/ml m



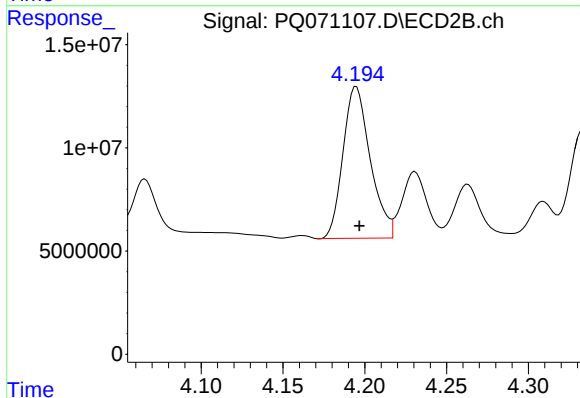
#7 AR-1016-5

R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 66727924  
Conc: 518.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

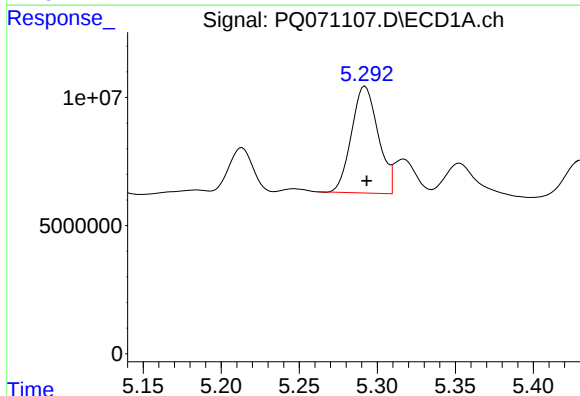
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



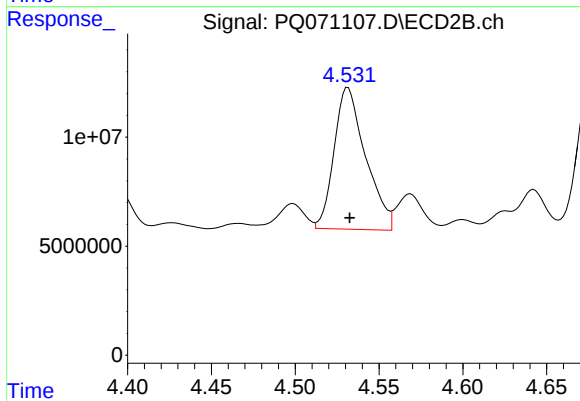
#7 AR-1016-5

R.T.: 4.195 min  
Delta R.T.: -0.002 min  
Response: 85157656  
Conc: 443.89 ng/ml



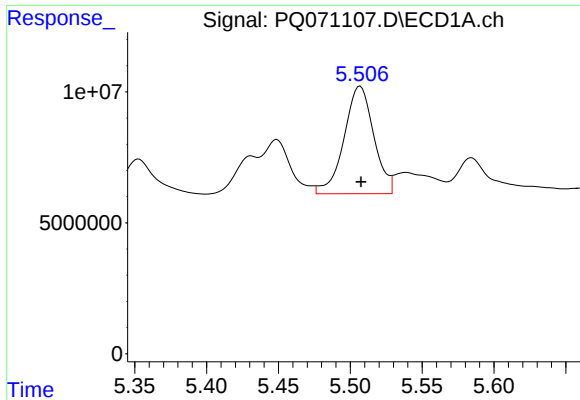
#26 AR-1254-1

R.T.: 5.292 min  
Delta R.T.: -0.001 min  
Response: 49361509  
Conc: 251.49 ng/ml



#26 AR-1254-1

R.T.: 4.531 min  
Delta R.T.: -0.001 min  
Response: 84930259  
Conc: 251.86 ng/ml



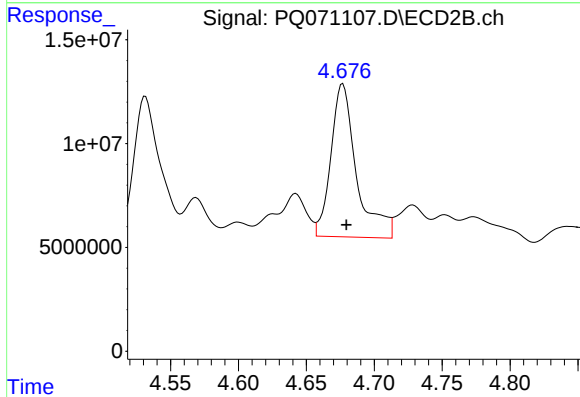
#27 AR-1254-2

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 59214992  
Conc: 203.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

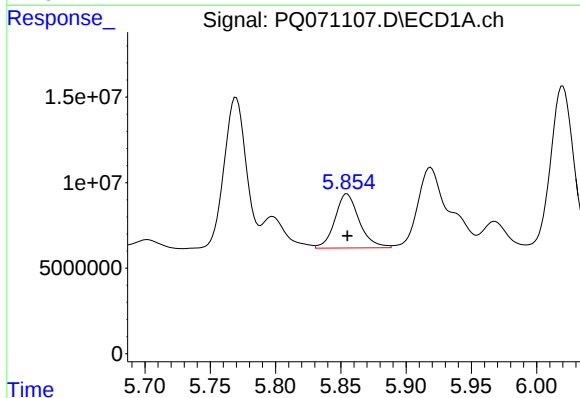
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



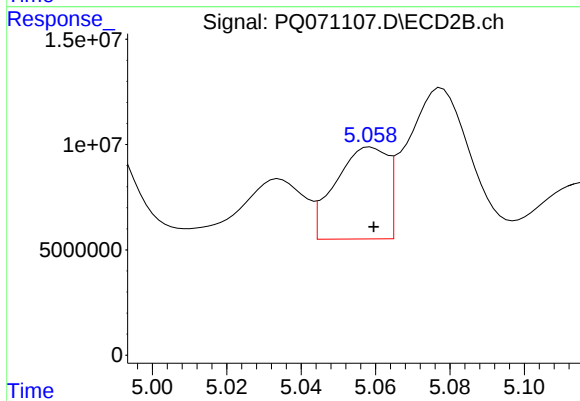
#27 AR-1254-2

R.T.: 4.677 min  
Delta R.T.: -0.003 min  
Response: 96689399  
Conc: 325.38 ng/ml



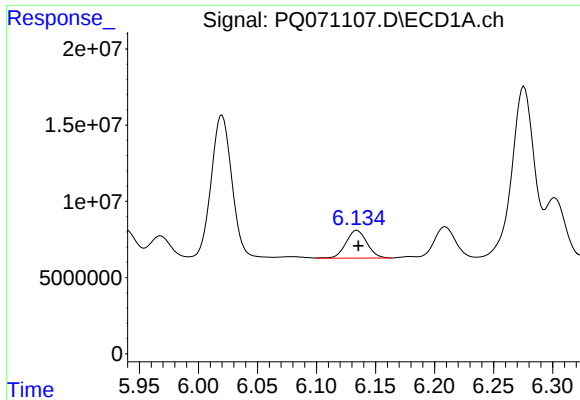
#28 AR-1254-3

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 41053495  
Conc: 133.63 ng/ml



#28 AR-1254-3

R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 42236930  
Conc: 90.43 ng/ml



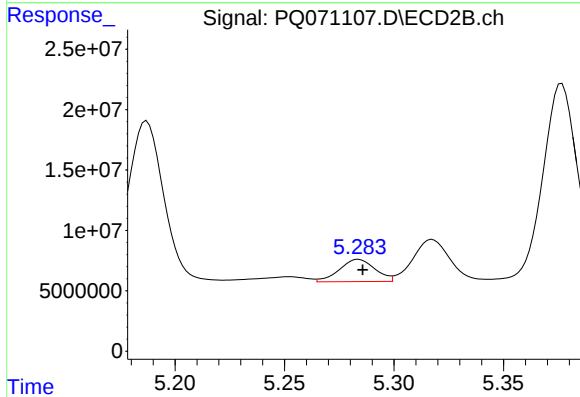
#29 AR-1254-4

R.T.: 6.134 min  
Delta R.T.: -0.001 min  
Response: 22520657  
Conc: 102.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

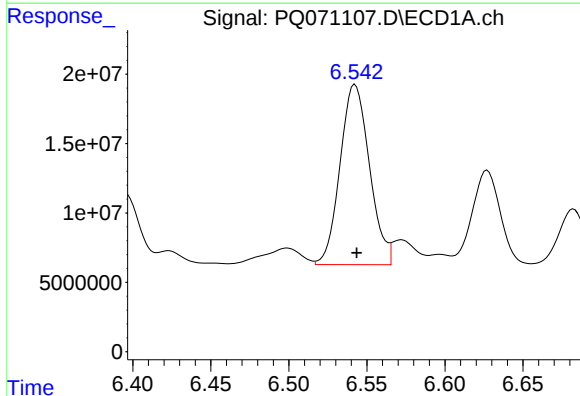
Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2025



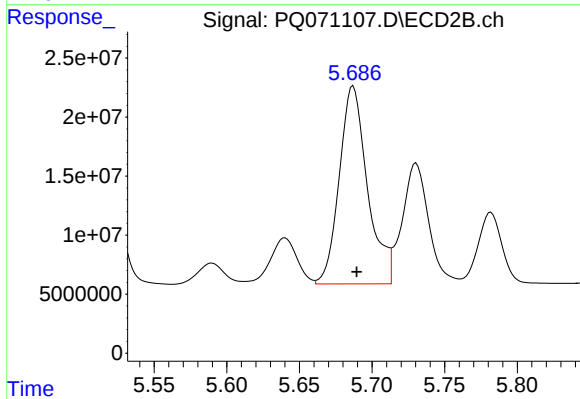
#29 AR-1254-4

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 20742380  
Conc: 70.25 ng/ml



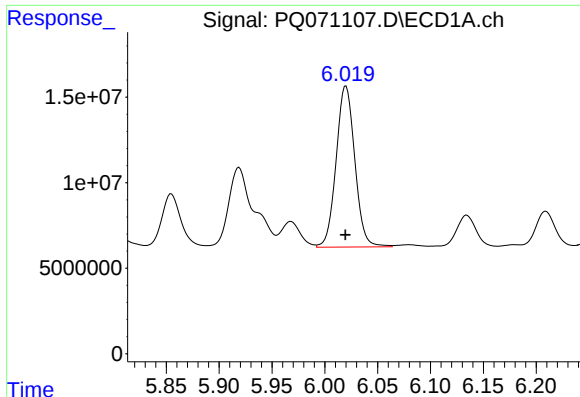
#30 AR-1254-5

R.T.: 6.542 min  
Delta R.T.: -0.001 min  
Response: 170153562  
Conc: 733.75 ng/ml



#30 AR-1254-5

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 226461660  
Conc: 538.75 ng/ml



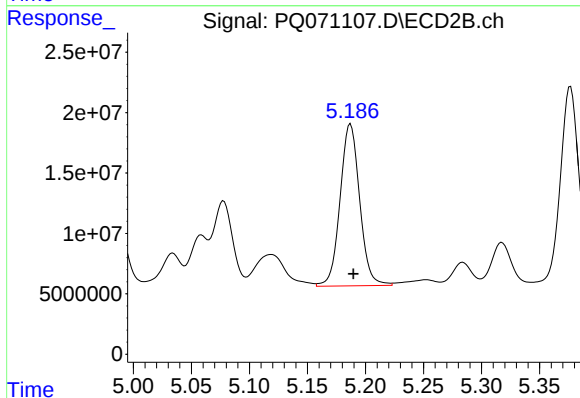
#31 AR-1260-1

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 116079016  
Conc: 495.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

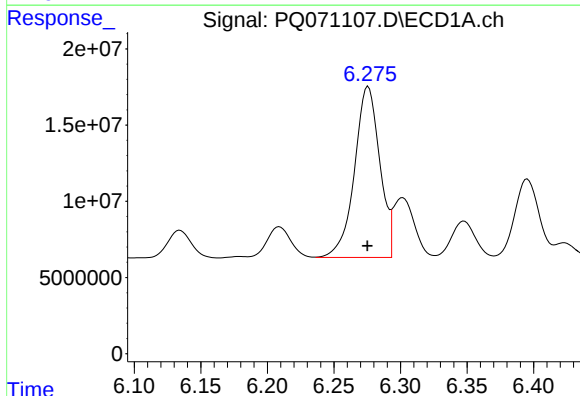
Manual Integrations  
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Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



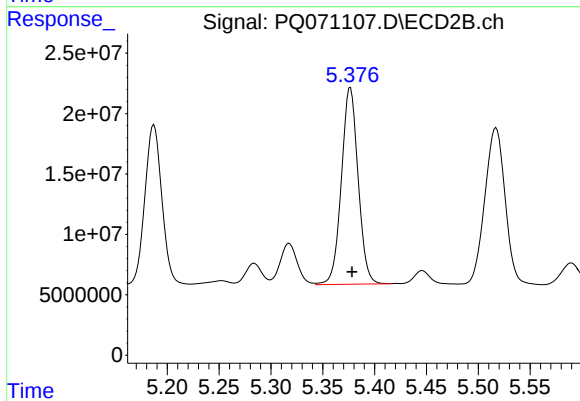
#31 AR-1260-1

R.T.: 5.187 min  
Delta R.T.: -0.002 min  
Response: 157296357  
Conc: 436.44 ng/ml



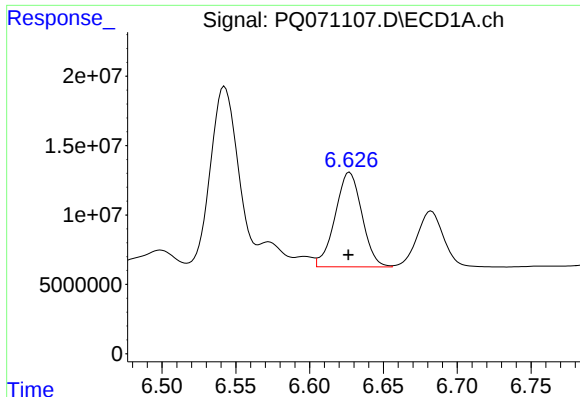
#32 AR-1260-2

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 148037058  
Conc: 535.19 ng/ml



#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 182687088  
Conc: 415.20 ng/ml



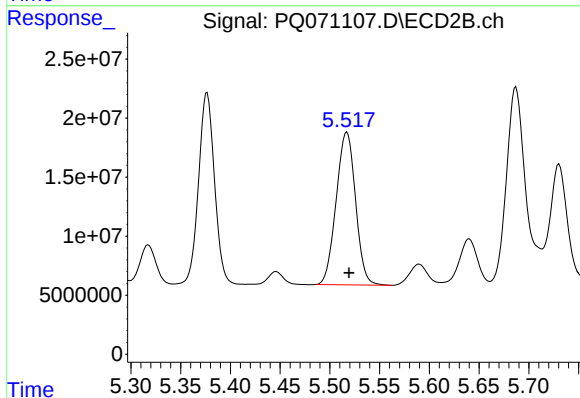
#33 AR-1260-3

R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 86156630  
Conc: 432.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

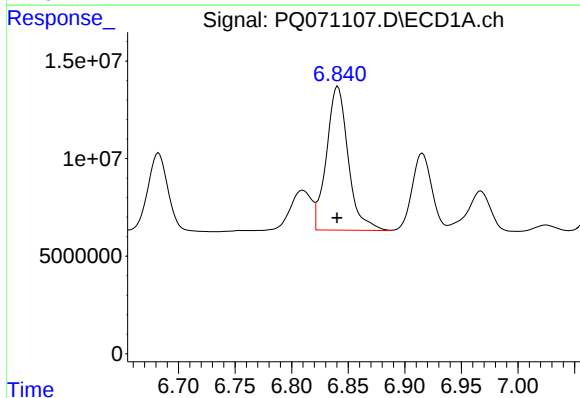
Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2025



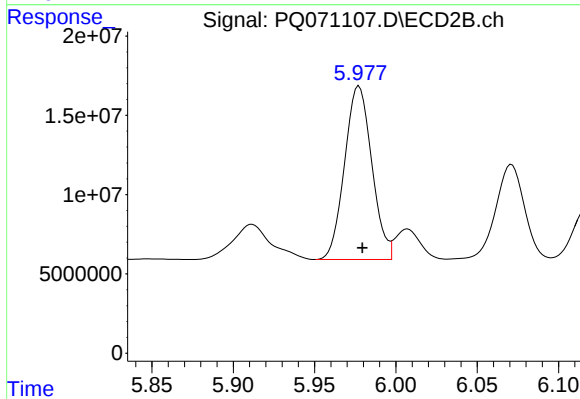
#33 AR-1260-3

R.T.: 5.517 min  
Delta R.T.: -0.002 min  
Response: 175342638  
Conc: 422.51 ng/ml



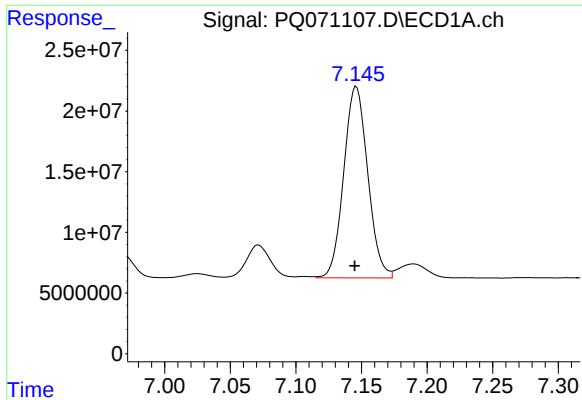
#34 AR-1260-4

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 98456342  
Conc: 458.19 ng/ml



#34 AR-1260-4

R.T.: 5.977 min  
Delta R.T.: -0.002 min  
Response: 127327763  
Conc: 353.92 ng/ml



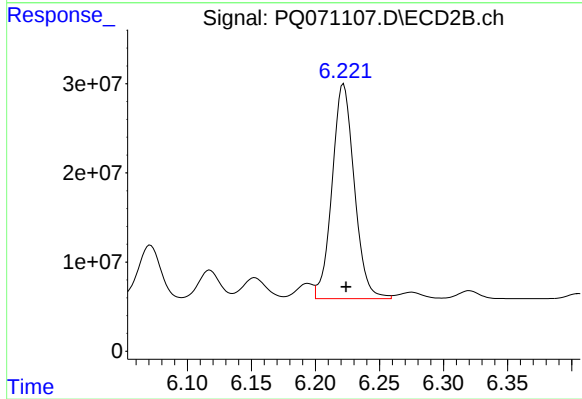
#35 AR-1260-5

R.T.: 7.146 min  
Delta R.T.: 0.001 min  
Response: 200829298  
Conc: 462.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MS

Manual Integrations  
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Supervised By :mohammad ahmed 10/25/2025



#35 AR-1260-5

R.T.: 6.222 min  
Delta R.T.: -0.002 min  
Response: 290755649  
Conc: 346.02 ng/ml



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

## Report of Analysis

|                    |                                                  |            |                 |          |
|--------------------|--------------------------------------------------|------------|-----------------|----------|
| Client:            | AECOM                                            |            | Date Collected: | 10/17/25 |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |            | Date Received:  | 10/17/25 |
| Client Sample ID:  | PR132-S07-000102-20251017MSD                     |            | SDG No.:        | Q3395    |
| Lab Sample ID:     | Q3395-04MSD                                      |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                                            |            | % Solid:        | 47.9     |
| Sample Wt/Vol:     | 30.07 g                                          | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                                          | Prep Date  | 10/23/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 352   |      | 1  | 8.20     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 11104-28-2        | Aroclor-1221         | 35.4  | U    | 1  | 8.40     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 11141-16-5        | Aroclor-1232         | 35.4  | U    | 1  | 7.70     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 53469-21-9        | Aroclor-1242         | 35.4  | U    | 1  | 8.40     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 12672-29-6        | Aroclor-1248         | 35.4  | U    | 1  | 12.3     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 11097-69-1        | Aroclor-1254         | 197   |      | 1  | 6.70     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 37324-23-5        | Aroclor-1262         | 35.4  | U    | 1  | 10.5     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 11100-14-4        | Aroclor-1268         | 35.4  | U    | 1  | 7.50     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| 11096-82-5        | Aroclor-1260         | 330   |      | 1  | 6.70     | 35.4       | ug/kg   | 10/23/25 16:03 | PB170227 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 26.3  |      |    | 32 - 144 | 131%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 29.8  |      |    | 32 - 175 | 149%       | 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\PQ102325\  
 Data File : PQ071108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2025 16:03  
 Operator : YP\AJ  
 Sample : Q3395-04MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PR132-S07-000102-20251017MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:40:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 11 01:55:41 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... | 3.399 | 2.776 | 114.2E6  | 112.0E6  | 26.258   | 22.053    |
| 2)                          | SA Decachlor... | 8.498 | 7.532 | 86481709 | 139.5E6  | 29.780   | 27.630    |
|                             |                 |       |       |          |          |          |           |
| Target Compounds            |                 |       |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 4.479 | 3.775 | 86373995 | 100.8E6  | 526.209m | 449.835m  |
| 4)                          | L1 AR-1016-2    | 4.498 | 3.791 | 126.3E6  | 132.9E6  | 492.867m | 390.604m  |
| 5)                          | L1 AR-1016-3    | 4.556 | 3.951 | 77585754 | 78750522 | 487.598m | 433.031m  |
| 6)                          | L1 AR-1016-4    | 4.645 | 4.000 | 67048297 | 62774174 | 516.037m | 398.787m  |
| 7)                          | L1 AR-1016-5    | 4.931 | 4.195 | 66012576 | 84143825 | 512.509  | 438.610   |
| 26)                         | L6 AR-1254-1    | 5.293 | 4.532 | 48924512 | 84566839 | 249.261  | 250.782   |
| 27)                         | L6 AR-1254-2    | 5.507 | 4.677 | 58480825 | 96451536 | 201.323  | 324.584 # |
| 28)                         | L6 AR-1254-3    | 5.855 | 5.059 | 41212871 | 41974134 | 134.153  | 89.868 #  |
| 29)                         | L6 AR-1254-4    | 6.135 | 5.284 | 22513846 | 20696964 | 102.550  | 70.099 #  |
| 30)                         | L6 AR-1254-5    | 6.544 | 5.688 | 170.1E6  | 225.3E6  | 733.681  | 535.983 # |
| 31)                         | L7 AR-1260-1    | 6.020 | 5.188 | 115.6E6  | 156.3E6  | 493.194  | 433.583   |
| 32)                         | L7 AR-1260-2    | 6.275 | 5.377 | 148.1E6  | 182.5E6  | 535.397  | 414.728   |
| 33)                         | L7 AR-1260-3    | 6.628 | 5.518 | 85778612 | 174.8E6  | 430.381  | 421.105   |
| 34)                         | L7 AR-1260-4    | 6.841 | 5.978 | 98916070 | 125.4E6  | 460.325  | 348.692   |
| 35)                         | L7 AR-1260-5    | 7.147 | 6.223 | 199.7E6  | 288.2E6  | 460.349  | 342.946 # |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102325\  
Data File : PQ071108.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2025 16:03  
Operator : YP\AJ  
Sample : Q3395-04MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

## Instrument :

ECD\_Q

## ClientSampleId :

PR132-S07-000102-20251017MSD

## Manual Integrations

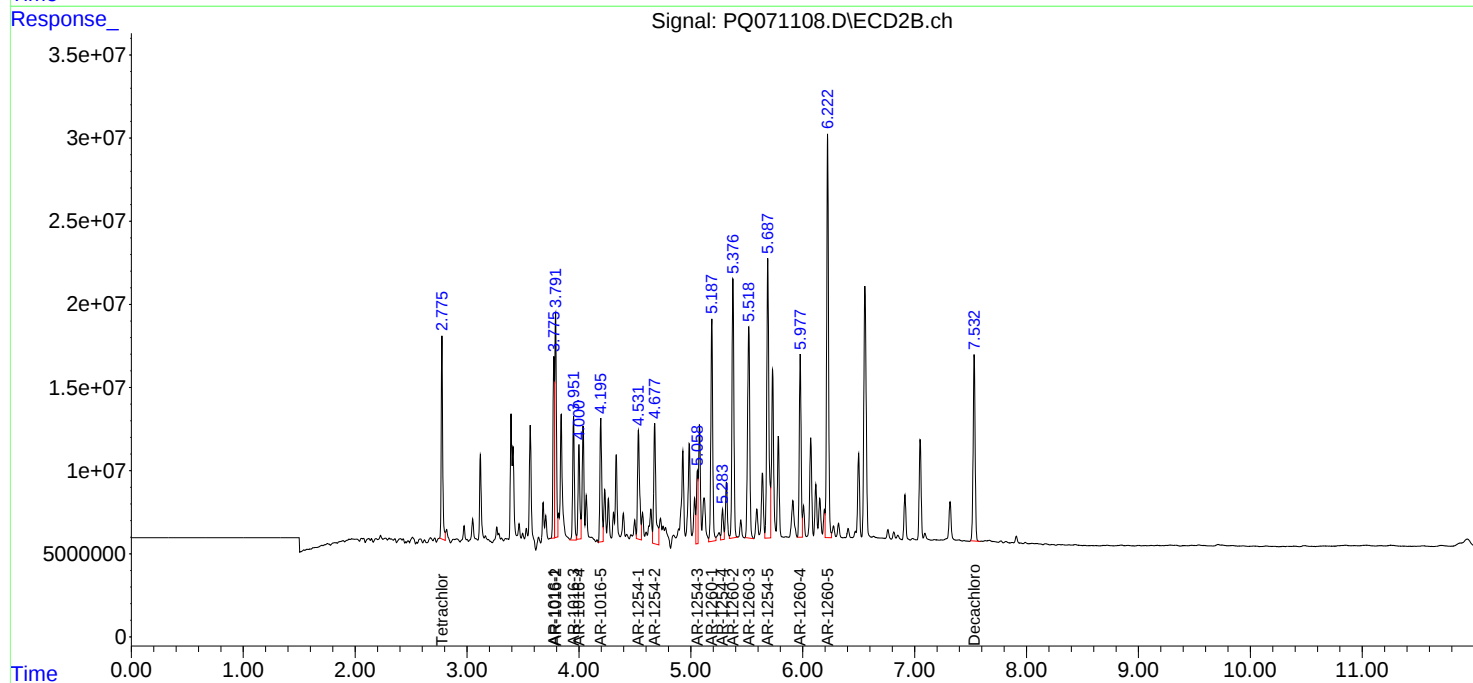
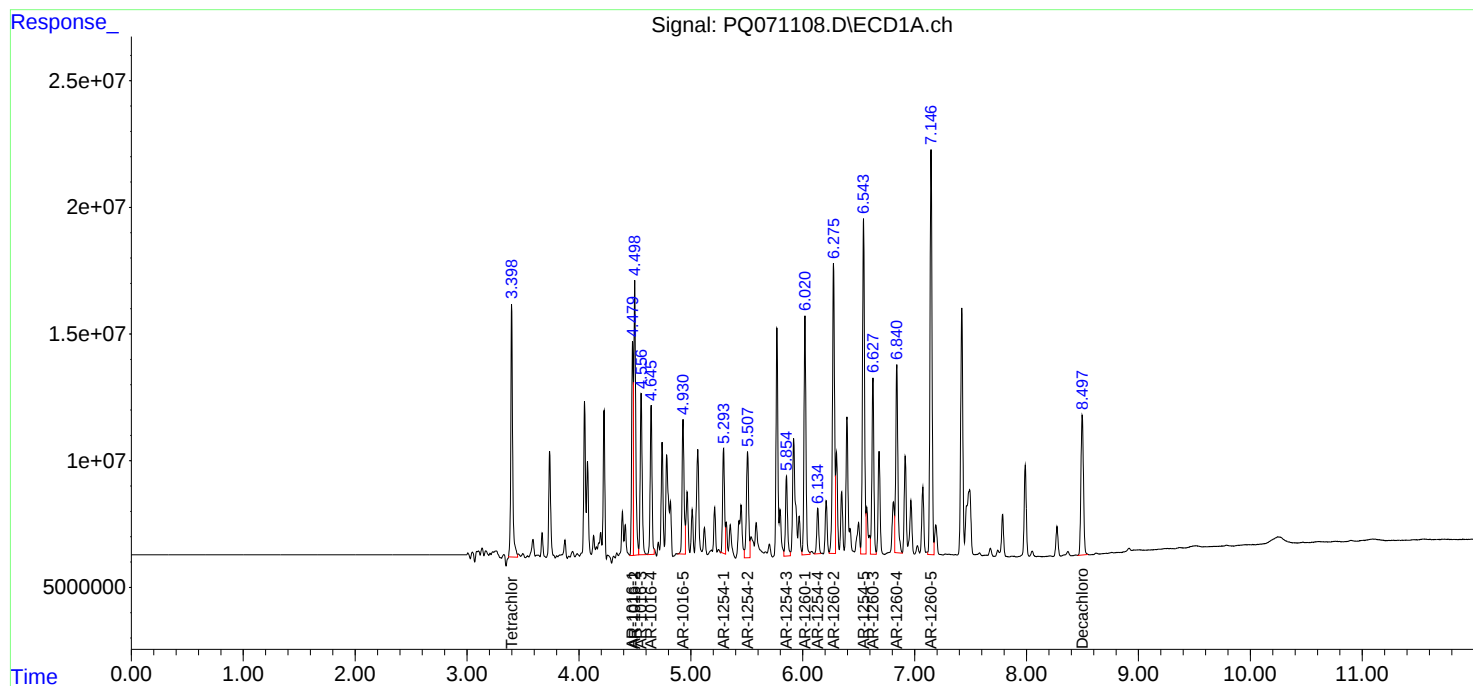
APPROVED

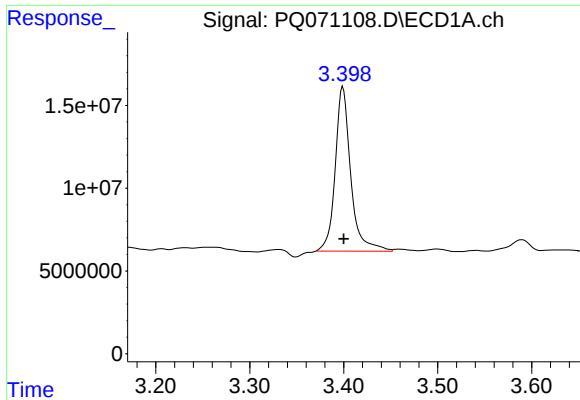
Reviewed By :Yogesh Patel 10/24/2025

Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:40:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ101025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 11 01:55:41 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





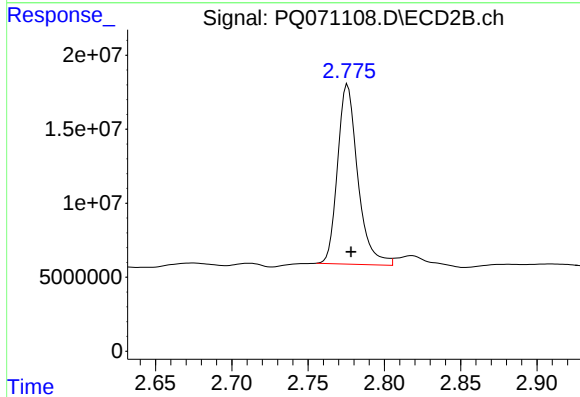
## #1 Tetrachloro-m-xylene

R.T.: 3.399 min  
Delta R.T.: 0.000 min  
Response: 114228822  
Conc: 26.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

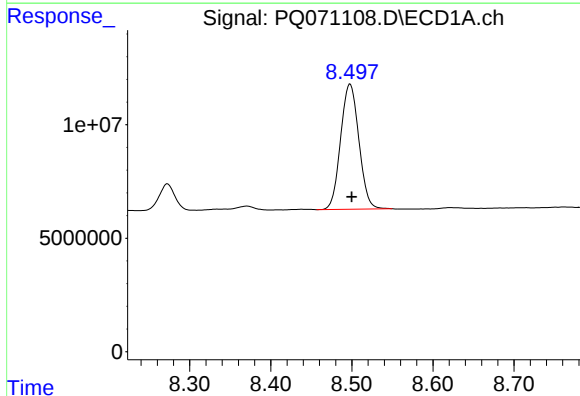
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



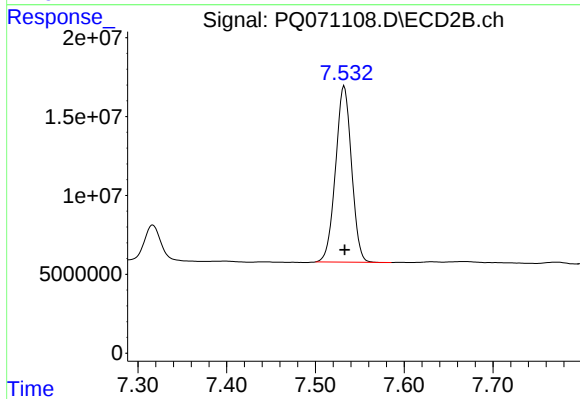
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 112027856  
Conc: 22.05 ng/ml



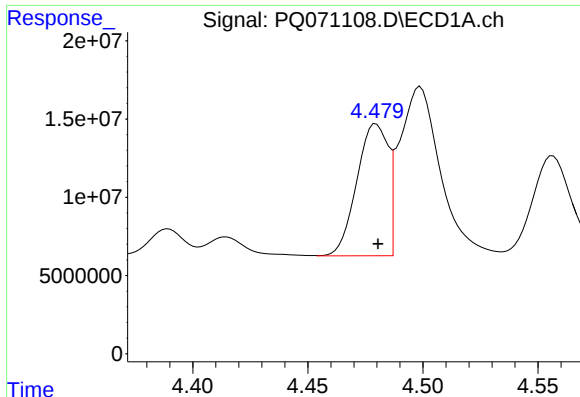
## #2 Decachlorobiphenyl

R.T.: 8.498 min  
Delta R.T.: -0.002 min  
Response: 86481709  
Conc: 29.78 ng/ml



## #2 Decachlorobiphenyl

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 139518187  
Conc: 27.63 ng/ml



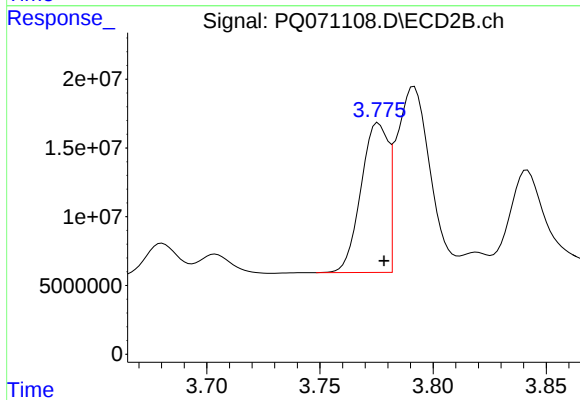
#3 AR-1016-1

R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 86373995  
Conc: 526.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

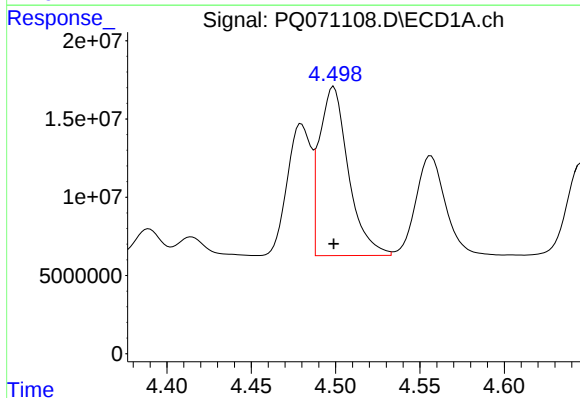
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



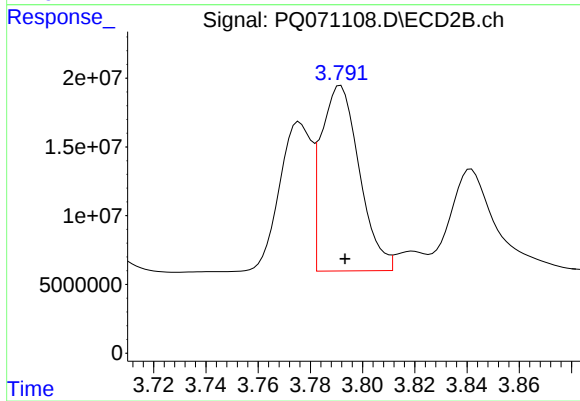
#3 AR-1016-1

R.T.: 3.775 min  
Delta R.T.: -0.003 min  
Response: 100764021  
Conc: 449.84 ng/ml m



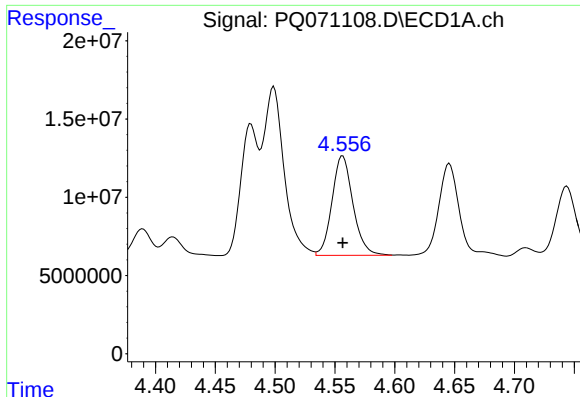
#4 AR-1016-2

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 126319146  
Conc: 492.87 ng/ml m



#4 AR-1016-2

R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 132853389  
Conc: 390.60 ng/ml m



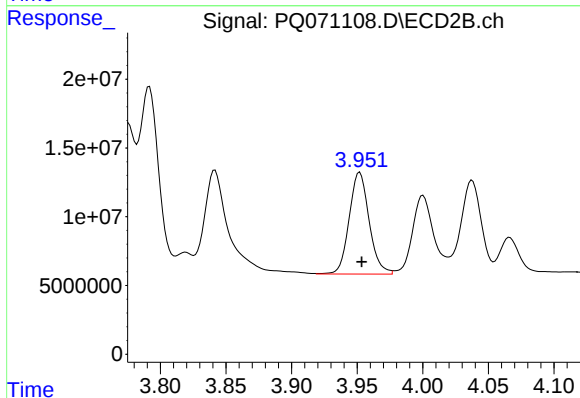
#5 AR-1016-3

R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 77585754  
Conc: 487.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

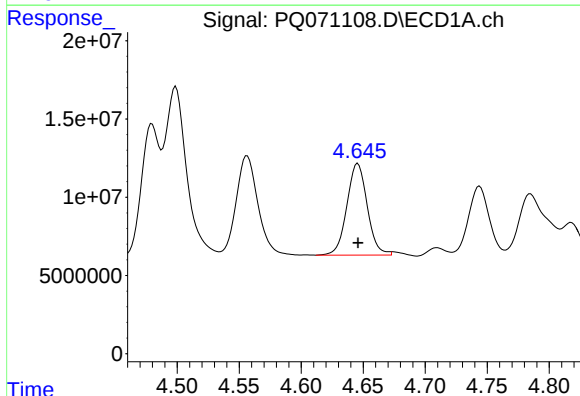
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



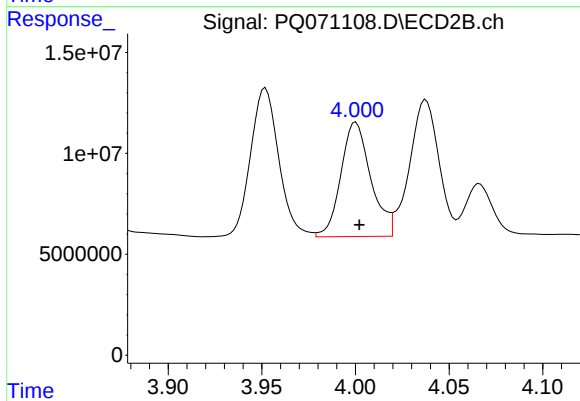
#5 AR-1016-3

R.T.: 3.951 min  
Delta R.T.: -0.002 min  
Response: 78750522  
Conc: 433.03 ng/ml m



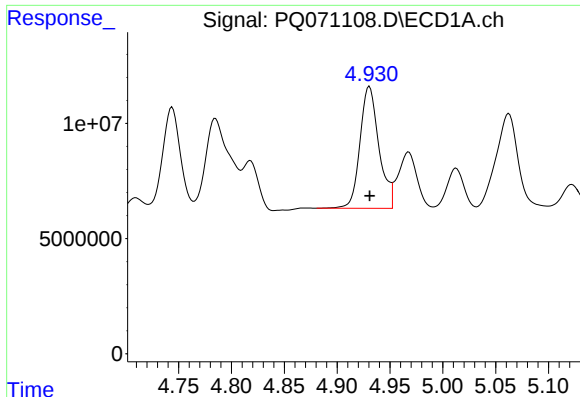
#6 AR-1016-4

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 67048297  
Conc: 516.04 ng/ml m



#6 AR-1016-4

R.T.: 4.000 min  
Delta R.T.: -0.003 min  
Response: 62774174  
Conc: 398.79 ng/ml m



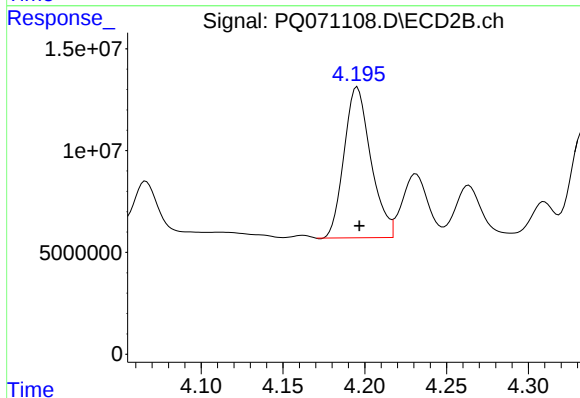
#7 AR-1016-5

R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 66012576  
Conc: 512.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

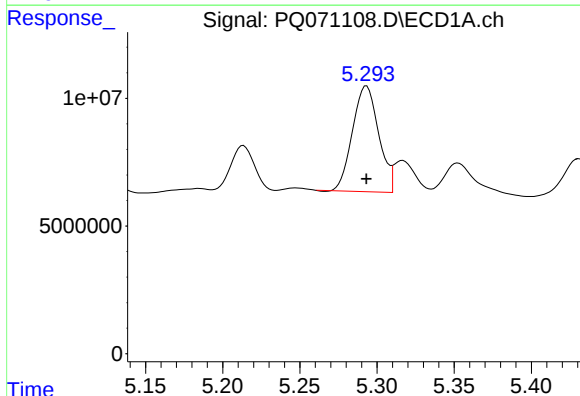
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



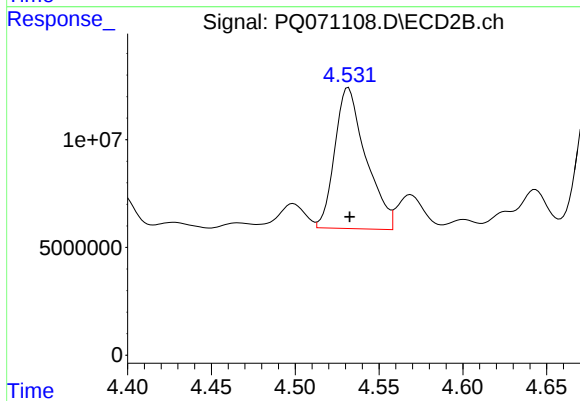
#7 AR-1016-5

R.T.: 4.195 min  
Delta R.T.: -0.001 min  
Response: 84143825  
Conc: 438.61 ng/ml



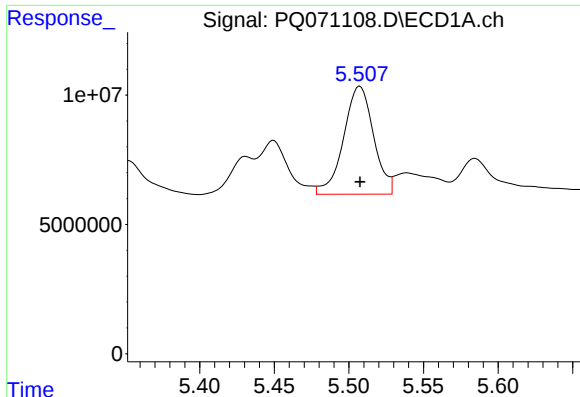
#26 AR-1254-1

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 48924512  
Conc: 249.26 ng/ml



#26 AR-1254-1

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 84566839  
Conc: 250.78 ng/ml



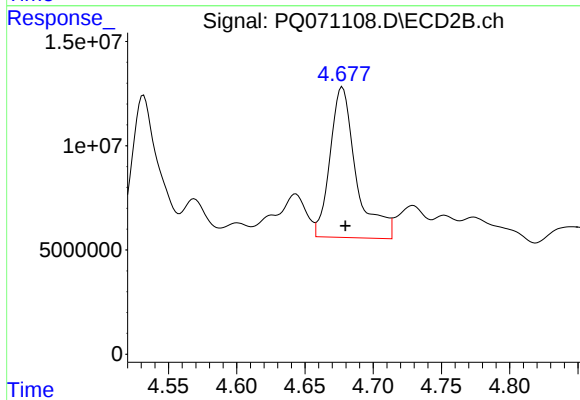
#27 AR-1254-2

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 58480825  
Conc: 201.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

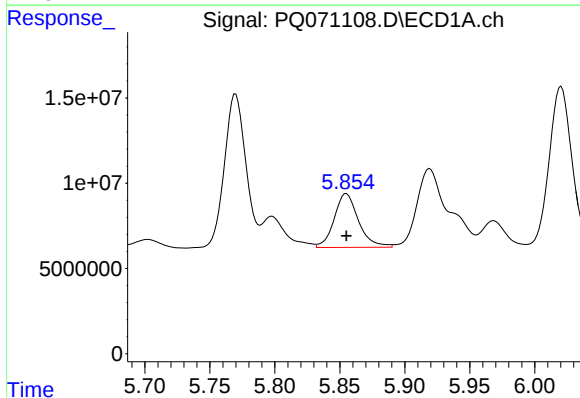
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



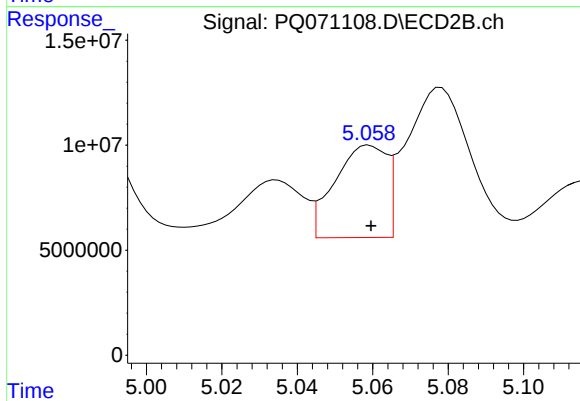
#27 AR-1254-2

R.T.: 4.677 min  
Delta R.T.: -0.002 min  
Response: 96451536  
Conc: 324.58 ng/ml



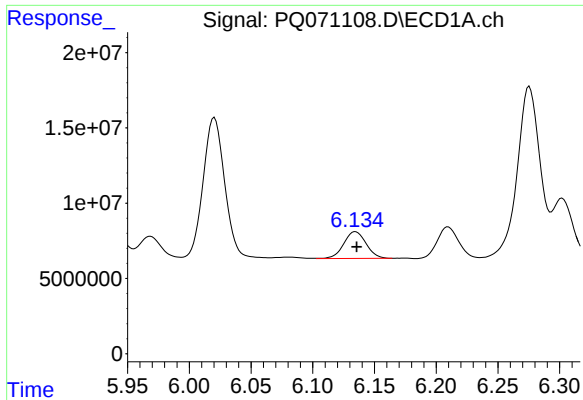
#28 AR-1254-3

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 41212871  
Conc: 134.15 ng/ml



#28 AR-1254-3

R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 41974134  
Conc: 89.87 ng/ml



#29 AR-1254-4

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 22513846  
Conc: 102.55 ng/ml

Instrument :

ECD\_Q

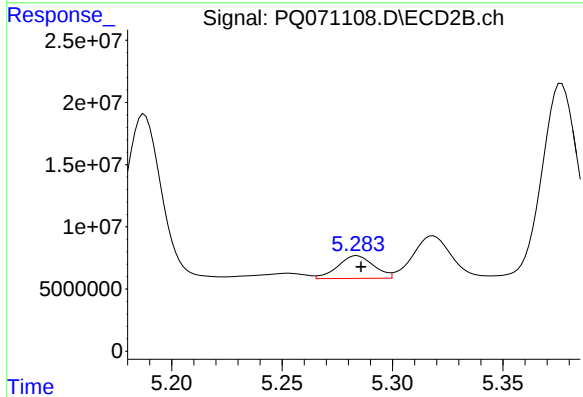
ClientSampleId :

PR132-S07-000102-20251017MSD

Manual Integrations

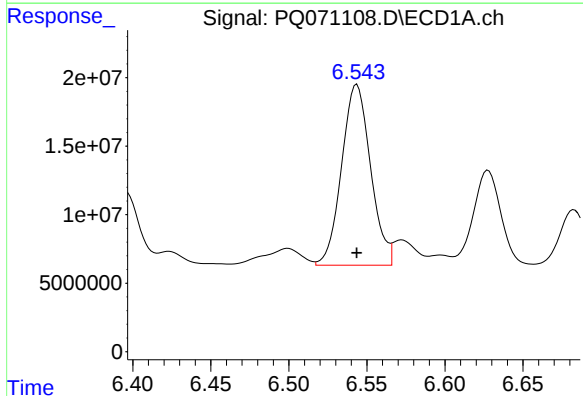
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



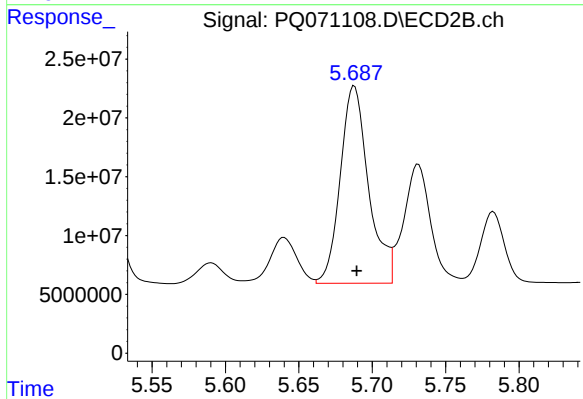
#29 AR-1254-4

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 20696964  
Conc: 70.10 ng/ml



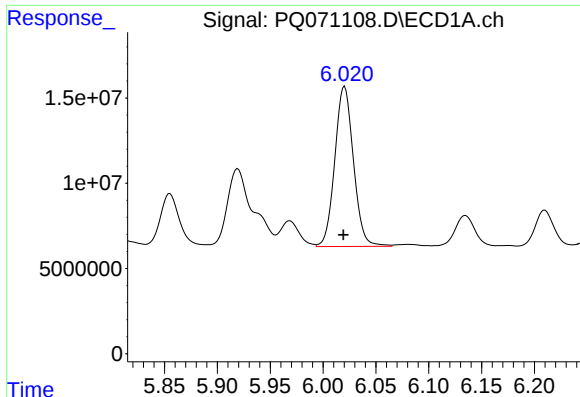
#30 AR-1254-5

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 170137429  
Conc: 733.68 ng/ml



#30 AR-1254-5

R.T.: 5.688 min  
Delta R.T.: -0.002 min  
Response: 225300316  
Conc: 535.98 ng/ml



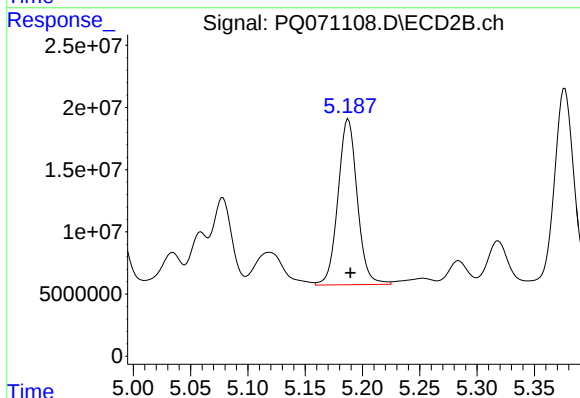
#31 AR-1260-1

R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 115639726  
Conc: 493.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

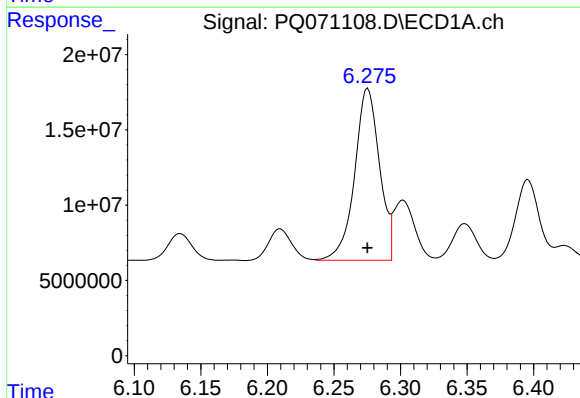
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/24/2025  
Supervised By :mohammad ahmed 10/25/2025



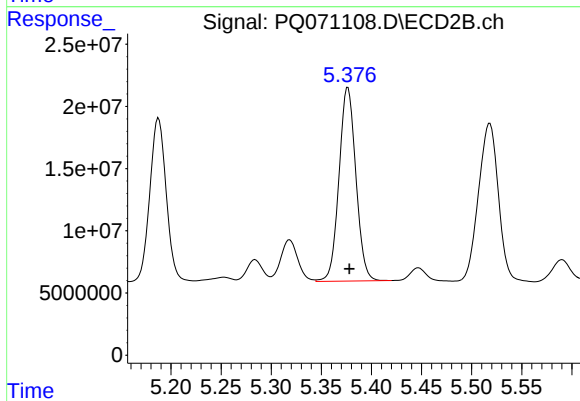
#31 AR-1260-1

R.T.: 5.188 min  
Delta R.T.: -0.002 min  
Response: 156266004  
Conc: 433.58 ng/ml



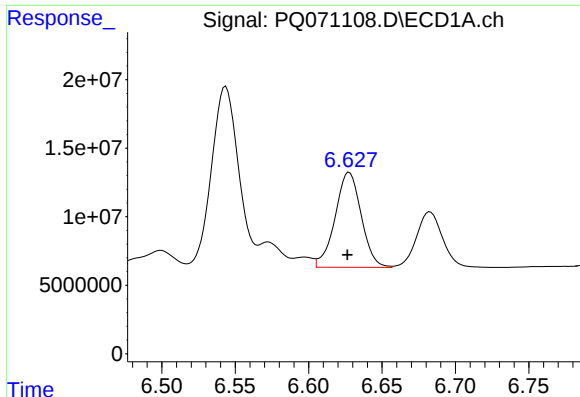
#32 AR-1260-2

R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 148095600  
Conc: 535.40 ng/ml



#32 AR-1260-2

R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 182477762  
Conc: 414.73 ng/ml



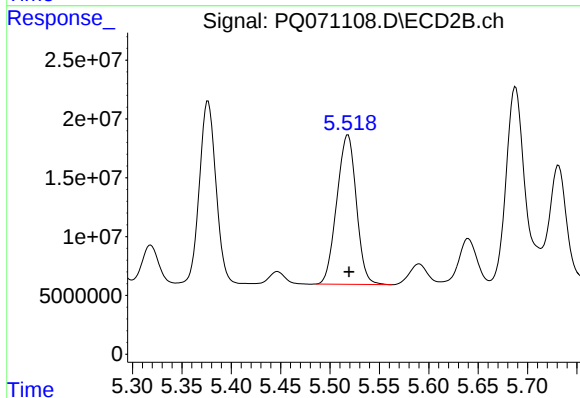
#33 AR-1260-3

R.T.: 6.628 min  
Delta R.T.: 0.001 min  
Response: 85778612  
Conc: 430.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

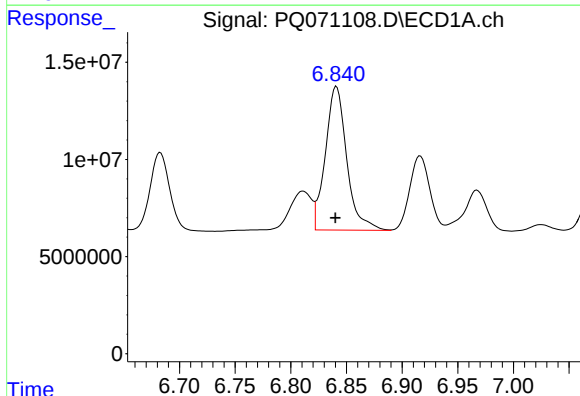
Manual Integrations  
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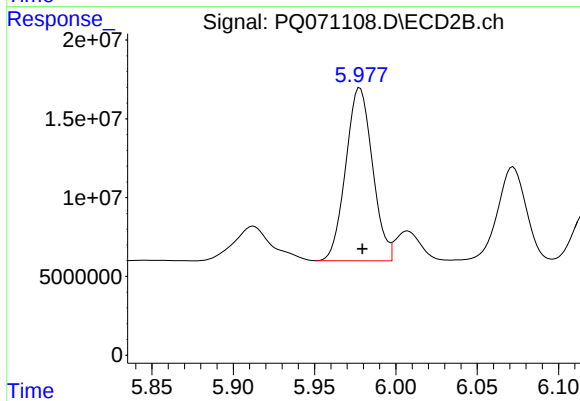
#33 AR-1260-3

R.T.: 5.518 min  
Delta R.T.: -0.001 min  
Response: 174758124  
Conc: 421.10 ng/ml



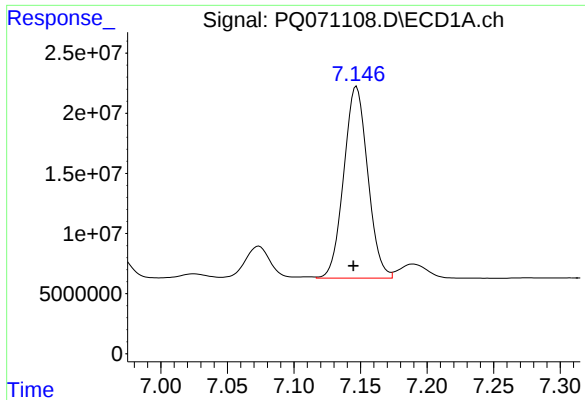
#34 AR-1260-4

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 98916070  
Conc: 460.32 ng/ml



#34 AR-1260-4

R.T.: 5.978 min  
Delta R.T.: -0.002 min  
Response: 125446477  
Conc: 348.69 ng/ml



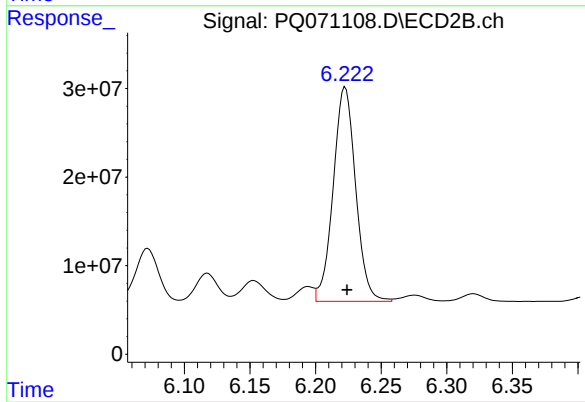
#35 AR-1260-5

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 199688990  
Conc: 460.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PR132-S07-000102-20251017MSD

Manual Integrations  
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#35 AR-1260-5

R.T.: 6.223 min  
Delta R.T.: -0.001 min  
Response: 288171382  
Conc: 342.95 ng/ml

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pq101025 | Instrument | ECD_q |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|--------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1660ICC050 | PQ070977.D | AR-1260-1    | yogesh    | 10/13/2025<br>8:00:35 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1660ICC050 | PQ070977.D | AR-1260-2    | yogesh    | 10/13/2025<br>8:00:35 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-1 #2 | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-2 #2 | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-3 #2 | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-4 #2 | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-5    | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICC050 | PQ070984.D | AR-1242-5 #2 | yogesh    | 10/13/2025<br>8:00:37 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1248ICC250 | PQ070988.D | AR-1248-4 #2 | yogesh    | 10/13/2025<br>8:00:39 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1248ICC250 | PQ070988.D | AR-1248-5 #2 | yogesh    | 10/13/2025<br>8:00:39 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1016-1 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1016-2 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1016-3 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pq101025 | Instrument | ECD_q |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|--------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| PQ101025ICV  | PQ071001.D | AR-1016-4 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1016-5 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1260-1    | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1260-1 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1260-2    | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| PQ101025ICV  | PQ071001.D | AR-1260-2 #2 | yogesh    | 10/13/2025<br>8:00:41 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1242ICV500 | PQ071002.D | AR-1242-3 #2 | yogesh    | 10/13/2025<br>8:00:43 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-4    | yogesh    | 10/13/2025<br>8:00:45 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-4 #2 | yogesh    | 10/13/2025<br>8:00:45 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |
| AR1248ICV500 | PQ071003.D | AR-1248-5    | yogesh    | 10/13/2025<br>8:00:45 AM | mohammad      | 10/14/2025<br>2:48:24 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pq102325

Instrument

ECD\_q

| Sample ID    | File ID    | Parameter               | Review By | Review On             | Supervised By | Supervised On      | Reason                      |
|--------------|------------|-------------------------|-----------|-----------------------|---------------|--------------------|-----------------------------|
| AR1242CCC500 | PQ071099.D | AR-1242-5               | yogesh    | 10/24/2025 7:58:19 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | AR-1254-1 #2            | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | AR-1254-2 #2            | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | AR-1254-3               | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | AR-1254-3 #2            | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | AR-1254-4 #2            | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | Tetrachloro-m-xylene    | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-02     | PQ071106.D | Tetrachloro-m-xylene #2 | yogesh    | 10/24/2025 7:58:17 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-03MS   | PQ071107.D | AR-1016-1               | yogesh    | 10/24/2025 7:58:20 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-03MS   | PQ071107.D | AR-1016-1 #2            | yogesh    | 10/24/2025 7:58:20 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-03MS   | PQ071107.D | AR-1016-2               | yogesh    | 10/24/2025 7:58:20 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-03MS   | PQ071107.D | AR-1016-2 #2            | yogesh    | 10/24/2025 7:58:20 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |
| Q3395-03MS   | PQ071107.D | AR-1016-3               | yogesh    | 10/24/2025 7:58:20 AM | mohammad      | 10/25/2025 7:28:08 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pq102325

Instrument

ECD\_q

| Sample ID        | File ID    | Parameter    | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|------------------|------------|--------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| Q3395-03MS       | PQ071107.D | AR-1016-3 #2 | yogesh    | 10/24/2025<br>7:58:20 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-03MS       | PQ071107.D | AR-1016-4    | yogesh    | 10/24/2025<br>7:58:20 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-03MS       | PQ071107.D | AR-1016-4 #2 | yogesh    | 10/24/2025<br>7:58:20 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-1    | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-1 #2 | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-2    | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-2 #2 | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-3    | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-3 #2 | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-4    | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| Q3395-04MSD      | PQ071108.D | AR-1016-4 #2 | yogesh    | 10/24/2025<br>7:58:22 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |
| AR1242CCC50<br>0 | PQ071114.D | AR-1242-5    | yogesh    | 10/24/2025<br>7:58:24 AM | mohammad      | 10/25/2025<br>7:28:08 | Peak Integrated by Software |



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## Manual Integration Report

Sequence:

pq102325

Instrument

ECD\_q

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

Sequence:

PQ102425

Instrument

ECD\_q

| Sample ID    | File ID    | Parameter    | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|--------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1242CCC500 | PQ071125.D | AR-1242-2    | yogesh    | 10/27/2025<br>8:37:28 AM | mohammad      | 10/28/2025<br>6:10:20 | Peak Integrated by Software |
| AR1660CCC500 | PQ071145.D | AR-1016-5 #2 | yogesh    | 10/27/2025<br>8:37:35 AM | mohammad      | 10/28/2025<br>6:10:20 | Peak Integrated by Software |
| AR1660CCC500 | PQ071145.D | AR-1260-1    | yogesh    | 10/27/2025<br>8:37:35 AM | mohammad      | 10/28/2025<br>6:10:20 | Peak Integrated by Software |
| AR1660CCC500 | PQ071145.D | AR-1260-2    | yogesh    | 10/27/2025<br>8:37:35 AM | mohammad      | 10/28/2025<br>6:10:20 | Peak Integrated by Software |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ101025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/10/2025 10:11:25 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/14/2025 2:48:24 AM         |
| SubDirectory             | PQ101025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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                      |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PQ070971.D     | 10 Oct 2025 08:27 | YP\AJ    | Ok     |
| 2   | I.BLK         | PQ070972.D     | 10 Oct 2025 08:42 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PQ070973.D     | 10 Oct 2025 08:57 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PQ070974.D     | 10 Oct 2025 09:11 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PQ070975.D     | 10 Oct 2025 09:26 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PQ070976.D     | 10 Oct 2025 09:40 | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | PQ070977.D     | 10 Oct 2025 09:55 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PQ070978.D     | 10 Oct 2025 10:09 | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | PQ070979.D     | 10 Oct 2025 10:24 | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | PQ070980.D     | 10 Oct 2025 10:38 | YP\AJ    | Ok     |
| 11  | AR1242ICC750  | PQ070981.D     | 10 Oct 2025 10:53 | YP\AJ    | Ok     |
| 12  | AR1242ICC500  | PQ070982.D     | 10 Oct 2025 11:08 | YP\AJ    | Ok     |
| 13  | AR1242ICC250  | PQ070983.D     | 10 Oct 2025 11:22 | YP\AJ    | Ok     |
| 14  | AR1242ICC050  | PQ070984.D     | 10 Oct 2025 11:37 | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | PQ070985.D     | 10 Oct 2025 11:51 | YP\AJ    | Ok     |
| 16  | AR1248ICC750  | PQ070986.D     | 10 Oct 2025 12:06 | YP\AJ    | Ok     |
| 17  | AR1248ICC500  | PQ070987.D     | 10 Oct 2025 12:20 | YP\AJ    | Ok     |
| 18  | AR1248ICC250  | PQ070988.D     | 10 Oct 2025 12:35 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC050  | PQ070989.D     | 10 Oct 2025 12:50 | YP\AJ    | Ok     |
| 20  | AR1254ICC1000 | PQ070990.D     | 10 Oct 2025 13:04 | YP\AJ    | Ok     |
| 21  | AR1254ICC750  | PQ070991.D     | 10 Oct 2025 13:19 | YP\AJ    | Ok     |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ101025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/10/2025 10:11:25 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/14/2025 2:48:24 AM         |
| SubDirectory             | PQ101025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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                      |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| 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 | AR1254ICC500  | PQ070992.D | 10 Oct 2025 13:33 | YP\AJ | Ok   |
| 23 | AR1254ICC250  | PQ070993.D | 10 Oct 2025 13:48 | YP\AJ | Ok   |
| 24 | AR1254ICC050  | PQ070994.D | 10 Oct 2025 15:15 | YP\AJ | Ok   |
| 25 | AR1262ICC500  | PQ070995.D | 10 Oct 2025 15:30 | YP\AJ | Ok   |
| 26 | AR1268ICC1000 | PQ070996.D | 10 Oct 2025 15:44 | YP\AJ | Ok   |
| 27 | AR1268ICC750  | PQ070997.D | 10 Oct 2025 15:59 | YP\AJ | Ok   |
| 28 | AR1268ICC500  | PQ070998.D | 10 Oct 2025 16:13 | YP\AJ | Ok   |
| 29 | AR1268ICC250  | PQ070999.D | 10 Oct 2025 16:28 | YP\AJ | Ok   |
| 30 | AR1268ICC050  | PQ071000.D | 10 Oct 2025 16:43 | YP\AJ | Ok   |
| 31 | PQ101025ICV   | PQ071001.D | 10 Oct 2025 16:57 | YP\AJ | Ok,M |
| 32 | AR1242ICV500  | PQ071002.D | 10 Oct 2025 17:41 | YP\AJ | Ok,M |
| 33 | AR1248ICV500  | PQ071003.D | 10 Oct 2025 18:25 | YP\AJ | Ok,M |
| 34 | AR1254ICV500  | PQ071004.D | 10 Oct 2025 19:08 | YP\AJ | Ok   |
| 35 | AR1268ICV500  | PQ071005.D | 10 Oct 2025 19:52 | YP\AJ | Ok   |
| 36 | DDT ANALOG    | PQ071006.D | 10 Oct 2025 20:36 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/23/2025 10:13:01 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/25/2025 7:28:08 AM         |
| SubDirectory             | PQ102325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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       | PQ071085.D     | 23 Oct 2025 08:45 | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | PQ071086.D     | 23 Oct 2025 08:59 | YP\AJ    | Ok       |
| 3   | AR1242CCC500 | PQ071087.D     | 23 Oct 2025 09:58 | YP\AJ    | Ok       |
| 4   | AR1248CCC500 | PQ071088.D     | 23 Oct 2025 10:13 | YP\AJ    | Ok       |
| 5   | AR1254CCC500 | PQ071089.D     | 23 Oct 2025 10:27 | YP\AJ    | Ok       |
| 6   | I.BLK        | PQ071090.D     | 23 Oct 2025 10:42 | YP\AJ    | Ok       |
| 7   | PB170211BL   | PQ071091.D     | 23 Oct 2025 10:56 | YP\AJ    | Ok       |
| 8   | PB170211BS   | PQ071092.D     | 23 Oct 2025 11:11 | YP\AJ    | Not Ok   |
| 9   | PB170211BSD  | PQ071093.D     | 23 Oct 2025 11:25 | YP\AJ    | Not Ok   |
| 10  | Q3398-01     | PQ071094.D     | 23 Oct 2025 11:40 | YP\AJ    | Ok       |
| 11  | Q3400-01     | PQ071095.D     | 23 Oct 2025 11:55 | YP\AJ    | Ok       |
| 12  | Q3417-01     | PQ071096.D     | 23 Oct 2025 12:09 | YP\AJ    | ReRun    |
| 13  | Q3417-01RE   | PQ071097.D     | 23 Oct 2025 12:38 | YP\AJ    | Confirms |
| 14  | AR1660CCC500 | PQ071098.D     | 23 Oct 2025 13:37 | YP\AJ    | Ok       |
| 15  | AR1242CCC500 | PQ071099.D     | 23 Oct 2025 13:51 | YP\AJ    | Ok,M     |
| 16  | AR1248CCC500 | PQ071100.D     | 23 Oct 2025 14:06 | YP\AJ    | Ok       |
| 17  | AR1254CCC500 | PQ071101.D     | 23 Oct 2025 14:20 | YP\AJ    | Ok       |
| 18  | I.BLK        | PQ071102.D     | 23 Oct 2025 14:35 | YP\AJ    | Ok       |
| 19  | PB170227BL   | PQ071103.D     | 23 Oct 2025 14:50 | YP\AJ    | Ok       |
| 20  | PB170227BS   | PQ071104.D     | 23 Oct 2025 15:04 | YP\AJ    | Not Ok   |
| 21  | Q3395-01     | PQ071105.D     | 23 Oct 2025 15:19 | YP\AJ    | Ok       |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/23/2025 10:13:01 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/25/2025 7:28:08 AM         |
| SubDirectory             | PQ102325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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 | Q3395-02     | PQ071106.D | 23 Oct 2025 15:33 | YP\AJ | Ok,M |
| 23 | Q3395-03MS   | PQ071107.D | 23 Oct 2025 15:48 | YP\AJ | Ok,M |
| 24 | Q3395-04MSD  | PQ071108.D | 23 Oct 2025 16:03 | YP\AJ | Ok,M |
| 25 | Q3395-05     | PQ071109.D | 23 Oct 2025 16:17 | YP\AJ | Ok   |
| 26 | Q3395-06     | PQ071110.D | 23 Oct 2025 16:32 | YP\AJ | Ok   |
| 27 | Q3405-01     | PQ071111.D | 23 Oct 2025 16:46 | YP\AJ | Ok   |
| 28 | Q3405-02     | PQ071112.D | 23 Oct 2025 17:01 | YP\AJ | Ok   |
| 29 | AR1660CCC500 | PQ071113.D | 23 Oct 2025 17:59 | YP\AJ | Ok   |
| 30 | AR1242CCC500 | PQ071114.D | 23 Oct 2025 19:12 | YP\AJ | Ok,M |
| 31 | AR1248CCC500 | PQ071115.D | 23 Oct 2025 19:27 | YP\AJ | Ok   |
| 32 | AR1254CCC500 | PQ071116.D | 23 Oct 2025 19:41 | YP\AJ | Ok   |
| 33 | I.BLK        | PQ071117.D | 23 Oct 2025 19:56 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102425**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/24/2025 11:07:53 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/28/2025 6:10:20 AM         |
| SubDirectory             | PQ102425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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       | PQ071118.D     | 24 Oct 2025 08:37 | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | PQ071119.D     | 24 Oct 2025 08:52 | YP\AJ    | Ok       |
| 3   | I.BLK        | PQ071120.D     | 24 Oct 2025 09:06 | YP\AJ    | Ok       |
| 4   | PB170211BS   | PQ071121.D     | 24 Oct 2025 09:34 | YP\AJ    | Ok,M     |
| 5   | PB170211BSD  | PQ071122.D     | 24 Oct 2025 09:51 | YP\AJ    | Ok,M     |
| 6   | PB170227BS   | PQ071123.D     | 24 Oct 2025 10:07 | YP\AJ    | Ok       |
| 7   | AR1660CCC500 | PQ071124.D     | 24 Oct 2025 10:36 | YP\AJ    | Ok       |
| 8   | AR1242CCC500 | PQ071125.D     | 24 Oct 2025 10:57 | YP\AJ    | Ok,M     |
| 9   | AR1248CCC500 | PQ071126.D     | 24 Oct 2025 11:13 | YP\AJ    | Ok       |
| 10  | AR1254CCC500 | PQ071127.D     | 24 Oct 2025 11:28 | YP\AJ    | Ok       |
| 11  | I.BLK        | PQ071128.D     | 24 Oct 2025 11:46 | YP\AJ    | Ok       |
| 12  | PB170228BS   | PQ071130.D     | 24 Oct 2025 12:15 | YP\AJ    | Ok       |
| 13  | Q3429-01     | PQ071131.D     | 24 Oct 2025 12:29 | YP\AJ    | Dilution |
| 14  | Q3429-02     | PQ071132.D     | 24 Oct 2025 12:44 | YP\AJ    | Dilution |
| 15  | Q3430-01     | PQ071133.D     | 24 Oct 2025 12:58 | YP\AJ    | ReRun    |
| 16  | AR1660CCC500 | PQ071134.D     | 24 Oct 2025 13:57 | YP\AJ    | Ok       |
| 17  | AR1242CCC500 | PQ071135.D     | 24 Oct 2025 14:12 | YP\AJ    | Ok       |
| 18  | AR1248CCC500 | PQ071136.D     | 24 Oct 2025 14:26 | YP\AJ    | Ok       |
| 19  | AR1254CCC500 | PQ071137.D     | 24 Oct 2025 14:41 | YP\AJ    | Ok       |
| 20  | I.BLK        | PQ071138.D     | 24 Oct 2025 14:55 | YP\AJ    | Ok       |
| 21  | Q3430-01RE   | PQ071139.D     | 24 Oct 2025 15:10 | YP\AJ    | Confirms |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102425**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/24/2025 11:07:53 AM        |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/28/2025 6:10:20 AM         |
| SubDirectory             | PQ102425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| 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 | PB170178BS   | PQ071140.D | 24 Oct 2025 15:24 | YP\AJ | Ok,M     |
| 23 | Q3429-01DL   | PQ071141.D | 24 Oct 2025 15:39 | YP\AJ | Dilution |
| 24 | Q3429-01DL2  | PQ071142.D | 24 Oct 2025 15:54 | YP\AJ | Ok       |
| 25 | Q3429-02DL   | PQ071143.D | 24 Oct 2025 16:08 | YP\AJ | Dilution |
| 26 | Q3429-02DL2  | PQ071144.D | 24 Oct 2025 16:23 | YP\AJ | Ok       |
| 27 | AR1660CCC500 | PQ071145.D | 24 Oct 2025 17:21 | YP\AJ | Ok,M     |
| 28 | AR1254CCC500 | PQ071146.D | 24 Oct 2025 17:50 | YP\AJ | Ok       |
| 29 | I.BLK        | PQ071147.D | 24 Oct 2025 18:05 | YP\AJ | Ok       |

M : Manual Integration

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ101025**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/10/2025 10:11:25 AM        |
| Supervise By | mohammad | Supervise On      | 10/14/2025 2:48:24 AM         |
| SubDirectory | PQ101025 | HP Acquire Method | HP Processing Method PQ101025 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P<br>P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP<br>24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |
| CCC                      |                                                                                                                                                                                                                                                                                                                                         |
| 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        | PQ070971.D     | 10 Oct 2025 08:27 |         | YPIAJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PQ070972.D     | 10 Oct 2025 08:42 |         | YPIAJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PQ070973.D     | 10 Oct 2025 08:57 |         | YPIAJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PQ070974.D     | 10 Oct 2025 09:11 |         | YPIAJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PQ070975.D     | 10 Oct 2025 09:26 |         | YPIAJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PQ070976.D     | 10 Oct 2025 09:40 |         | YPIAJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PQ070977.D     | 10 Oct 2025 09:55 |         | YPIAJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PQ070978.D     | 10 Oct 2025 10:09 |         | YPIAJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PQ070979.D     | 10 Oct 2025 10:24 |         | YPIAJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PQ070980.D     | 10 Oct 2025 10:38 |         | YPIAJ    | Ok     |
| 11  | AR1242ICC750  | AR1242ICC750  | PQ070981.D     | 10 Oct 2025 10:53 |         | YPIAJ    | Ok     |
| 12  | AR1242ICC500  | AR1242ICC500  | PQ070982.D     | 10 Oct 2025 11:08 |         | YPIAJ    | Ok     |
| 13  | AR1242ICC250  | AR1242ICC250  | PQ070983.D     | 10 Oct 2025 11:22 |         | YPIAJ    | Ok     |
| 14  | AR1242ICC050  | AR1242ICC050  | PQ070984.D     | 10 Oct 2025 11:37 |         | YPIAJ    | Ok,M   |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PQ070985.D     | 10 Oct 2025 11:51 |         | YPIAJ    | Ok     |
| 16  | AR1248ICC750  | AR1248ICC750  | PQ070986.D     | 10 Oct 2025 12:06 |         | YPIAJ    | Ok     |
| 17  | AR1248ICC500  | AR1248ICC500  | PQ070987.D     | 10 Oct 2025 12:20 |         | YPIAJ    | Ok     |
| 18  | AR1248ICC250  | AR1248ICC250  | PQ070988.D     | 10 Oct 2025 12:35 |         | YPIAJ    | Ok,M   |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ101025**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Review On         | 10/10/2025 10:11:25 AM        |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Supervise On      | 10/14/2025 2:48:24 AM         |
| SubDirectory                                                                                                                                      | PQ101025                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P<br>P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP<br>24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |                   |                               |

|    |               |                   |            |                   |  |       |      |
|----|---------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC050  | AR1248ICC050      | PQ070989.D | 10 Oct 2025 12:50 |  | YPIAJ | Ok   |
| 20 | AR1254ICC1000 | AR1254ICC1000     | PQ070990.D | 10 Oct 2025 13:04 |  | YPIAJ | Ok   |
| 21 | AR1254ICC750  | AR1254ICC750      | PQ070991.D | 10 Oct 2025 13:19 |  | YPIAJ | Ok   |
| 22 | AR1254ICC500  | AR1254ICC500      | PQ070992.D | 10 Oct 2025 13:33 |  | YPIAJ | Ok   |
| 23 | AR1254ICC250  | AR1254ICC250      | PQ070993.D | 10 Oct 2025 13:48 |  | YPIAJ | Ok   |
| 24 | AR1254ICC050  | AR1254ICC050      | PQ070994.D | 10 Oct 2025 15:15 |  | YPIAJ | Ok   |
| 25 | AR1262ICC500  | AR1262ICC500      | PQ070995.D | 10 Oct 2025 15:30 |  | YPIAJ | Ok   |
| 26 | AR1268ICC1000 | AR1268ICC1000     | PQ070996.D | 10 Oct 2025 15:44 |  | YPIAJ | Ok   |
| 27 | AR1268ICC750  | AR1268ICC750      | PQ070997.D | 10 Oct 2025 15:59 |  | YPIAJ | Ok   |
| 28 | AR1268ICC500  | AR1268ICC500      | PQ070998.D | 10 Oct 2025 16:13 |  | YPIAJ | Ok   |
| 29 | AR1268ICC250  | AR1268ICC250      | PQ070999.D | 10 Oct 2025 16:28 |  | YPIAJ | Ok   |
| 30 | AR1268ICC050  | AR1268ICC050      | PQ071000.D | 10 Oct 2025 16:43 |  | YPIAJ | Ok   |
| 31 | PQ101025ICV   | ICVPQ101025       | PQ071001.D | 10 Oct 2025 16:57 |  | YPIAJ | Ok,M |
| 32 | AR1242ICV500  | ICVPQ101025AR1242 | PQ071002.D | 10 Oct 2025 17:41 |  | YPIAJ | Ok,M |
| 33 | AR1248ICV500  | ICVPQ101025AR1248 | PQ071003.D | 10 Oct 2025 18:25 |  | YPIAJ | Ok,M |
| 34 | AR1254ICV500  | ICVPQ101025AR1254 | PQ071004.D | 10 Oct 2025 19:08 |  | YPIAJ | Ok   |
| 35 | AR1268ICV500  | ICVPQ101025AR1268 | PQ071005.D | 10 Oct 2025 19:52 |  | YPIAJ | Ok   |
| 36 | DDT ANALOG    | DDT ANALOG        | PQ071006.D | 10 Oct 2025 20:36 |  | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102325**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/23/2025 10:13:01 AM        |
| Supervise By | mohammad | Supervise On      | 10/25/2025 7:28:08 AM         |
| SubDirectory | PQ102325 | HP Acquire Method | HP Processing Method PQ101025 |

| 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            | PQ071085.D     | 23 Oct 2025 08:45 |                           | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | AR1660CCC500      | PQ071086.D     | 23 Oct 2025 08:59 |                           | YP\AJ    | Ok       |
| 3   | AR1242CCC500 | AR1242CCC500      | PQ071087.D     | 23 Oct 2025 09:58 |                           | YP\AJ    | Ok       |
| 4   | AR1248CCC500 | AR1248CCC500      | PQ071088.D     | 23 Oct 2025 10:13 |                           | YP\AJ    | Ok       |
| 5   | AR1254CCC500 | AR1254CCC500      | PQ071089.D     | 23 Oct 2025 10:27 |                           | YP\AJ    | Ok       |
| 6   | I.BLK        | I.BLK             | PQ071090.D     | 23 Oct 2025 10:42 |                           | YP\AJ    | Ok       |
| 7   | PB170211BL   | PB170211BL        | PQ071091.D     | 23 Oct 2025 10:56 |                           | YP\AJ    | Ok       |
| 8   | PB170211BS   | PB170211BS        | PQ071092.D     | 23 Oct 2025 11:11 | AR1016&1260 recovery fail | YP\AJ    | Not Ok   |
| 9   | PB170211BSD  | PB170211BSD       | PQ071093.D     | 23 Oct 2025 11:25 | AR1016&1260 recovery fail | YP\AJ    | Not Ok   |
| 10  | Q3398-01     | A748              | PQ071094.D     | 23 Oct 2025 11:40 |                           | YP\AJ    | Ok       |
| 11  | Q3400-01     | FRAC-TANK-0760450 | PQ071095.D     | 23 Oct 2025 11:55 |                           | YP\AJ    | Ok       |
| 12  | Q3417-01     | 101425            | PQ071096.D     | 23 Oct 2025 12:09 | All surrogate fail        | YP\AJ    | ReRun    |
| 13  | Q3417-01RE   | 101425RE          | PQ071097.D     | 23 Oct 2025 12:38 | All surrogate fail        | YP\AJ    | Confirms |
| 14  | AR1660CCC500 | AR1660CCC500      | PQ071098.D     | 23 Oct 2025 13:37 |                           | YP\AJ    | Ok       |
| 15  | AR1242CCC500 | AR1242CCC500      | PQ071099.D     | 23 Oct 2025 13:51 |                           | YP\AJ    | Ok,M     |
| 16  | AR1248CCC500 | AR1248CCC500      | PQ071100.D     | 23 Oct 2025 14:06 |                           | YP\AJ    | Ok       |
| 17  | AR1254CCC500 | AR1254CCC500      | PQ071101.D     | 23 Oct 2025 14:20 |                           | YP\AJ    | Ok       |
| 18  | I.BLK        | I.BLK             | PQ071102.D     | 23 Oct 2025 14:35 |                           | YP\AJ    | Ok       |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/23/2025 10:13:01 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/25/2025 7:28:08 AM         |
| SubDirectory             | PQ102325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| 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 | PB170227BL   | PB170227BL          | PQ071103.D | 23 Oct 2025 14:50 |                        | YPIAJ | Ok     |
| 20 | PB170227BS   | PB170227BS          | PQ071104.D | 23 Oct 2025 15:04 | AR1016 recovery fail   | YPIAJ | Not Ok |
| 21 | Q3395-01     | PR132-S09-000051-20 | PQ071105.D | 23 Oct 2025 15:19 | AR1242+1254 Hit        | YPIAJ | Ok     |
| 22 | Q3395-02     | PR132-S07-000102-20 | PQ071106.D | 23 Oct 2025 15:33 | AR1254 Hit             | YPIAJ | Ok,M   |
| 23 | Q3395-03MS   | PR132-S07-000102-20 | PQ071107.D | 23 Oct 2025 15:48 |                        | YPIAJ | Ok,M   |
| 24 | Q3395-04MSD  | PR132-S07-000102-20 | PQ071108.D | 23 Oct 2025 16:03 |                        | YPIAJ | Ok,M   |
| 25 | Q3395-05     | PR132-S07-102116-20 | PQ071109.D | 23 Oct 2025 16:17 |                        | YPIAJ | Ok     |
| 26 | Q3395-06     | PR132-COMP03-2025   | PQ071110.D | 23 Oct 2025 16:32 |                        | YPIAJ | Ok     |
| 27 | Q3405-01     | PAD-10-20-25-A      | PQ071111.D | 23 Oct 2025 16:46 | DCB high in 1st column | YPIAJ | Ok     |
| 28 | Q3405-02     | PAD-10-20-25-B      | PQ071112.D | 23 Oct 2025 17:01 | DCB high in 1st column | YPIAJ | Ok     |
| 29 | AR1660CCC500 | AR1660CCC500        | PQ071113.D | 23 Oct 2025 17:59 |                        | YPIAJ | Ok     |
| 30 | AR1242CCC500 | AR1242CCC500        | PQ071114.D | 23 Oct 2025 19:12 |                        | YPIAJ | Ok,M   |
| 31 | AR1248CCC500 | AR1248CCC500        | PQ071115.D | 23 Oct 2025 19:27 |                        | YPIAJ | Ok     |
| 32 | AR1254CCC500 | AR1254CCC500        | PQ071116.D | 23 Oct 2025 19:41 |                        | YPIAJ | Ok     |
| 33 | I.BLK        | I.BLK               | PQ071117.D | 23 Oct 2025 19:56 |                        | YPIAJ | Ok     |

M : Manual Integration

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102425**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/24/2025 11:07:53 AM        |
| Supervise By | mohammad | Supervise On      | 10/28/2025 6:10:20 AM         |
| SubDirectory | PQ102425 | HP Acquire Method | HP Processing Method PQ101025 |

| 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       | PQ071118.D     | 24 Oct 2025 08:37 |                                                   | YPIAJ    | Ok       |
| 2   | AR1660CCC500 | AR1660CCC500 | PQ071119.D     | 24 Oct 2025 08:52 |                                                   | YPIAJ    | Ok       |
| 3   | I.BLK        | I.BLK        | PQ071120.D     | 24 Oct 2025 09:06 |                                                   | YPIAJ    | Ok       |
| 4   | PB170211BS   | PB170211BS   | PQ071121.D     | 24 Oct 2025 09:34 |                                                   | YPIAJ    | Ok,M     |
| 5   | PB170211BSD  | PB170211BSD  | PQ071122.D     | 24 Oct 2025 09:51 |                                                   | YPIAJ    | Ok,M     |
| 6   | PB170227BS   | PB170227BS   | PQ071123.D     | 24 Oct 2025 10:07 |                                                   | YPIAJ    | Ok       |
| 7   | AR1660CCC500 | AR1660CCC500 | PQ071124.D     | 24 Oct 2025 10:36 |                                                   | YPIAJ    | Ok       |
| 8   | AR1242CCC500 | AR1242CCC500 | PQ071125.D     | 24 Oct 2025 10:57 |                                                   | YPIAJ    | Ok,M     |
| 9   | AR1248CCC500 | AR1248CCC500 | PQ071126.D     | 24 Oct 2025 11:13 |                                                   | YPIAJ    | Ok       |
| 10  | AR1254CCC500 | AR1254CCC500 | PQ071127.D     | 24 Oct 2025 11:28 |                                                   | YPIAJ    | Ok       |
| 11  | I.BLK        | I.BLK        | PQ071128.D     | 24 Oct 2025 11:46 |                                                   | YPIAJ    | Ok       |
| 12  | PB170228BS   | PB170228BS   | PQ071130.D     | 24 Oct 2025 12:15 |                                                   | YPIAJ    | Ok       |
| 13  | Q3429-01     | 40309        | PQ071131.D     | 24 Oct 2025 12:29 | AR1254 hits, DCB high in 1st column               | YPIAJ    | Dilution |
| 14  | Q3429-02     | 40310        | PQ071132.D     | 24 Oct 2025 12:44 | AR1254 hits                                       | YPIAJ    | Dilution |
| 15  | Q3430-01     | BUR-25-0095  | PQ071133.D     | 24 Oct 2025 12:58 | DCB high in both column & TCMX high in 1st column | YPIAJ    | ReRun    |
| 16  | AR1660CCC500 | AR1660CCC500 | PQ071134.D     | 24 Oct 2025 13:57 |                                                   | YPIAJ    | Ok       |
| 17  | AR1242CCC500 | AR1242CCC500 | PQ071135.D     | 24 Oct 2025 14:12 |                                                   | YPIAJ    | Ok       |

Instrument ID: ECD\_Q

**Daily Analysis Runlog For Sequence/QC Batch ID # PQ102425**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 10/24/2025 11:07:53 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 10/28/2025 6:10:20 AM         |
| SubDirectory             | PQ102425                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PQ101025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P<br>P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP<br>24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 |                   |                               |
| CCC                      | PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |               |            |                   |                                                                     |       |          |
|----|--------------|---------------|------------|-------------------|---------------------------------------------------------------------|-------|----------|
| 18 | AR1248CCC500 | AR1248CCC500  | PQ071136.D | 24 Oct 2025 14:26 |                                                                     | YP\AJ | Ok       |
| 19 | AR1254CCC500 | AR1254CCC500  | PQ071137.D | 24 Oct 2025 14:41 |                                                                     | YP\AJ | Ok       |
| 20 | I.BLK        | I.BLK         | PQ071138.D | 24 Oct 2025 14:55 |                                                                     | YP\AJ | Ok       |
| 21 | Q3430-01RE   | BUR-25-0095RE | PQ071139.D | 24 Oct 2025 15:10 | DCB high in both column &<br>TCMX high in 1st column                | YP\AJ | Confirms |
| 22 | PB170178BS   | PB170178BS    | PQ071140.D | 24 Oct 2025 15:24 |                                                                     | YP\AJ | Ok,M     |
| 23 | Q3429-01DL   | 40309DL       | PQ071141.D | 24 Oct 2025 15:39 | AR1254 hits                                                         | YP\AJ | Dilution |
| 24 | Q3429-01DL2  | 40309DL2      | PQ071142.D | 24 Oct 2025 15:54 | AR1254 hits                                                         | YP\AJ | Ok       |
| 25 | Q3429-02DL   | 40310DL       | PQ071143.D | 24 Oct 2025 16:08 | AR1254 hits, DCB High in 2nd<br>column & TCMX high in 1st<br>column | YP\AJ | Dilution |
| 26 | Q3429-02DL2  | 40310DL2      | PQ071144.D | 24 Oct 2025 16:23 | AR1254 hits                                                         | YP\AJ | Ok       |
| 27 | AR1660CCC500 | AR1660CCC500  | PQ071145.D | 24 Oct 2025 17:21 |                                                                     | YP\AJ | Ok,M     |
| 28 | AR1254CCC500 | AR1254CCC500  | PQ071146.D | 24 Oct 2025 17:50 |                                                                     | YP\AJ | Ok       |
| 29 | I.BLK        | I.BLK         | PQ071147.D | 24 Oct 2025 18:05 |                                                                     | YP\AJ | Ok       |

M : Manual Integration



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/21/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/20/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:15  
Out Date: 10/21/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137589

| 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    |
|----------|---------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q3368-06 | OUTSIDE-DUMPSTER          | 1      | 1.12           | 10.63        | 11.75                   | 8.28                      | 67.4    |             |
| Q3368-07 | PRESS-SLUDGE              | 2      | 1.18           | 10.30        | 11.48                   | 7.89                      | 65.1    |             |
| Q3393-01 | PR132-S10-000022-20251017 | 3      | 1.17           | 10.44        | 11.61                   | 7.02                      | 56.0    |             |
| Q3393-02 | PR132-S10-022047-20251017 | 4      | 1.14           | 10.48        | 11.62                   | 6.8                       | 54.0    |             |
| Q3393-03 | PR132-S08-013038-20251017 | 5      | 1.11           | 10.85        | 11.96                   | 6.84                      | 52.8    |             |
| Q3393-04 | PR132-S06-000021-20251017 | 6      | 1.13           | 10.50        | 11.63                   | 7.03                      | 56.2    |             |
| Q3393-05 | PR132-S08-000013-20251017 | 7      | 1.12           | 10.53        | 11.65                   | 6.6                       | 52.0    |             |
| Q3395-01 | PR132-S09-000051-20251017 | 8      | 1.15           | 10.48        | 11.63                   | 6.69                      | 52.9    |             |
| Q3395-02 | PR132-S07-000102-20251017 | 9      | 1.14           | 10.21        | 11.35                   | 6.03                      | 47.9    |             |
| Q3395-03 | Q3395-02MS                | 10     | 1.14           | 10.21        | 11.35                   | 6.03                      | 47.9    |             |
| Q3395-04 | Q3395-02MSD               | 11     | 1.14           | 10.21        | 11.35                   | 6.03                      | 47.9    |             |
| Q3395-05 | PR132-S07-102116-20251017 | 12     | 1.13           | 10.12        | 11.25                   | 6.33                      | 51.4    |             |
| Q3395-06 | PR132-COMP03-20251017     | 13     | 1.15           | 10.74        | 11.89                   | 8.65                      | 69.8    |             |
| Q3395-07 | PR132-S08-038048-20251017 | 14     | 1.15           | 10.68        | 11.83                   | 7.41                      | 58.6    |             |
| Q3396-01 | A                         | 15     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3396-02 | B                         | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3396-03 | C                         | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3397-01 | TP-7-WC                   | 18     | 1.14           | 10.67        | 11.81                   | 10.66                     | 89.2    |             |
| Q3397-02 | TP-7-EPH                  | 19     | 1.18           | 10.18        | 11.36                   | 9.81                      | 84.8    |             |
| Q3397-03 | TP-7-VOC                  | 20     | 1.14           | 10.66        | 11.8                    | 10.55                     | 88.3    |             |

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

# WORKLIST(Hardcopy Internal Chain)

2B13758P

WorkList Name : % SOLID-102025 WorkList ID : 192564 Department : Wet-Chemistry Date : 10-20-2025 15:56:43

| Sample   | Customer Sample           | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|---------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3368-06 | OUTSIDE-DUMPSTER          | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3368-07 | PRESS-SLUDGE              | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3393-01 | PR132-S10-000022-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3393-02 | PR132-S10-022047-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3393-03 | PR132-S08-013038-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3393-04 | PR132-S06-000021-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3393-05 | PR132-S08-000013-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-01 | PR132-S09-000051-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-02 | PR132-S07-000102-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-03 | Q3395-02MS                | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-04 | Q3395-02MSD               | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-05 | PR132-S07-102116-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-06 | PR132-COMP03-20251017     | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3395-07 | PR132-S08-038048-20251017 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3396-01 | A                         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3396-02 | B                         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3396-03 | C                         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3397-01 | TP-7-WC                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/18/2025   | Chemtech -SO |
| Q3397-02 | TP-7-EPH                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/18/2025   | Chemtech -SO |
| Q3397-03 | TP-7-VOC                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/18/2025   | Chemtech -SO |

Date/Time 10/20/25 16:20  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]  
 Date/Time 10/20/25 17:40  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 10/23/2025

Matrix : Solid

Extraction Start Time : 08:35

Weigh By: EH

Extraction By: RJ

Extraction End Date : 10/23/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 12:10

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24930             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24663             |
| 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            | EP2643     |
| Baked Na2SO4       | N/A            | EP2652     |
| Hexane             | N/A            | E3978      |
| H2SO4 1:1          | N/A            | EP2610     |
| Sand               | N/A            | E3951      |
| 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

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/23/25    | RS C Ext Lab                            | Y-P. Peshlup         |
| 12:15       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/23/2025

| Sample ID  | Client Sample ID              | Test | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|------------|-------------------------------|------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|            |                               |      |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB170227BL | ABLK227                       | PCB  | 30.01  | N/A | ritesh         | Evelyn     | 10                 |       |          | U2-1        |
| PB170227BS | ALCS227                       | PCB  | 30.03  | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q3395-01   | PR132-S09-000051-2025<br>1017 | PCB  | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q3395-02   | PR132-S07-000102-2025<br>1017 | PCB  | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q3395-03   | Q3395-02MS                    | PCB  | 30.02  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q3395-04   | Q3395-02MSD                   | PCB  | 30.07  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q3395-05   | PR132-S07-102116-2025<br>1017 | PCB  | 30.05  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U3-1        |
| Q3395-06   | PR132-COMP03-2025101<br>7     | PCB  | 30.03  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q3405-01   | PAD-10-20-25-A                | PCB  | 30.01  | N/A | ritesh         | Evelyn     | 10                 | B     | Concrete | 3           |
| Q3405-02   | PAD-10-20-25-B                | PCB  | 30.06  | N/A | ritesh         | Evelyn     | 10                 | B     | Concrete | 4           |
| Q3405-03   | PAD-10-20-25-C                | PCB  | 30.09  | N/A | ritesh         | Evelyn     | 10                 | B     | Concrete | 5           |
| Q3405-04   | SW-10-20-25-A                 | PCB  | 30.05  | N/A | ritesh         | Evelyn     | 10                 | B     | Concrete | 6           |
| Q3406-01   | ARS20-0037                    | PCB  | 30.01  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U4-1        |
| Q3412-01   | TP-6                          | PCB  | 30.04  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q3414-11   | SB-11                         | PCB  | 30.08  | N/A | ritesh         | Evelyn     | 10                 |       |          | 3           |
| Q3414-12   | SB-12                         | PCB  | 30.03  | N/A | ritesh         | Evelyn     | 10                 |       |          | 4           |
| Q3414-13   | SB-13                         | PCB  | 30.02  | N/A | ritesh         | Evelyn     | 10                 |       |          | 5           |
| Q3422-01   | PR132-S15-000008-2025<br>1017 | PCB  | 30.07  | N/A | ritesh         | Evelyn     | 10                 | F     |          | 6           |
| Q3424-01   | PR132-DP3-20251021            | PCB  | 30.05  | N/A | ritesh         | Evelyn     | 10                 | E     |          | U6-1        |
| Q3424-02   | PR132-S11-010080-2025<br>1021 | PCB  | 30.09  | N/A | ritesh         | Evelyn     | 10                 | F     |          | 2           |
| Q3424-03   | PR132-S14-00094-20251<br>021  | PCB  | 30.03  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q3431-01   | EO-02-10222025                | PCB  | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |

\* Extracts relinquished on the same date as received.

RS  
10/23

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3405

WorkList ID : 192630

Department : Extraction

Date : 10-23-2025 08:30:46

| Sample   | Customer Sample           | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|---------------------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q3395-01 | PR132-S09-000051-20251017 | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3395-02 | PR132-S07-000102-20251017 | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3395-03 | Q3395-02MS                | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3395-04 | Q3395-02MSD               | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3395-05 | PR132-S07-102116-20251017 | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3395-06 | PR132-COMP03-20251017     | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3422-01 | PR132-S15-000008-20251017 | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/17/2025   | 8082A  |
| Q3424-01 | PR132-DP3-20251021        | Solid  | PCB  | Cool 4 deg C | AECO02   | D41                         | 10/21/2025   | 8082A  |
| Q3424-02 | PR132-S11-010080-20251021 | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/21/2025   | 8082A  |
| Q3424-03 | PR132-S14-00094-20251021  | Solid  | PCB  | Cool 4 deg C | AECO02   | D31                         | 10/21/2025   | 8082A  |
| Q3405-01 | PAD-10-20-25-A            | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8082A  |
| Q3405-02 | PAD-10-20-25-B            | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8082A  |
| Q3405-03 | PAD-10-20-25-C            | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8082A  |
| Q3405-04 | SW-10-20-25-A             | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8082A  |
| Q3406-01 | ARS20-0037                | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                         | 10/20/2025   | 8082A  |
| Q3412-01 | TP-6                      | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/20/2025   | 8082A  |
| Q3414-11 | SB-11                     | Solid  | PCB  | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | 8082A  |
| Q3414-12 | SB-12                     | Solid  | PCB  | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | 8082A  |
| Q3414-13 | SB-13                     | Solid  | PCB  | Cool 4 deg C | PSEG03   | D32                         | 10/21/2025   | 8082A  |
| Q3431-01 | EO-02-10222025            | Solid  | PCB  | Cool 4 deg C | PSEG05   | D41                         | 10/22/2025   | 8082A  |

Date/Time 10/23/25 8:30

Raw Sample Received by: RJ (Ext 66)

Raw Sample Relinquished by: RJ (Ext 66)

Date/Time 10/23/25 9:05  
Raw Sample Received by: RJ (Ext 66)  
Raw Sample Relinquished by: RJ (Ext 66)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3395

**Test :** PCB

**Prepbatch ID :** PB170227,

**Sequence ID/Qc Batch ID:** PQ102325,PQ102425,

**Standard ID :**

EP2610,EP2643,EP2652,PP24329,PP24330,PP24381,PP24663,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,

**Chemical ID :**

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3978,M6157,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,



| <u>Recipe ID</u> | <u>NAME</u>                                                                 | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|------------------|-----------------------------------------------------------------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 314              | 1.1 H2SO4 SOLN                                                              | <a href="#">EP2610</a> | 05/07/2025       | 11/07/2025             | RUPESHKUMAR SHAH   | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>05/07/2025 |
| <u>FROM</u>      | 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml |                        |                  |                        |                    |                                     |                  |                                     |

| <u>Recipe ID</u> | <u>NAME</u>                                                                 | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------------------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 230              | 1:1ACETONE/HEXANE                                                           | <a href="#">EP2643</a> | 09/16/2025       | 03/16/2026             | Evelyn Huang       | None           | None             | Riteshkumar Patel    |
| 09/16/2025       |                                                                             |                        |                  |                        |                    |                |                  |                      |
| <u>FROM</u>      | 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml |                        |                  |                        |                    |                |                  |                      |



| <u>Recipe ID</u>                                                           | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|----------------------------------------------------------------------------|----------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 3923                                                                       | Baked Sodium Sulfate | <a href="#">EP2652</a> | 10/10/2025       | 01/28/2026             | Evelyn Huang       | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>10/10/2025 |
| <b><u>FROM</u></b> 4000.00000gram of E3875 = Final Quantity: 4000.000 gram |                      |                        |                  |                        |                    |                                     |                  |                                     |

| <u>Recipe ID</u>                                                                        | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>      |
|-----------------------------------------------------------------------------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|---------------------------|
| 84                                                                                      | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24329</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza<br>04/03/2025 |
| <b><u>FROM</u></b> 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml |                                 |                         |                  |                        |                    |                |                  |                           |

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 202              | AR1660 1000/100 ppb working solution 1st source | <a href="#">PP24330</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                                 |                         |                  |                        |                    |                |                  | 04/03/2025           |

**FROM** 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                             | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1893             | AR1254 1000 PPB Working Sol. 2nd Source | <a href="#">PP24381</a> | 03/18/2025       | 08/22/2025             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                                         |                         |                  |                        |                    |                |                  | 04/03/2025           |

**FROM** 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 465              | 200 PPB Pest/PCB Surrogate Spike | <a href="#">PP24663</a> | 06/24/2025       | 12/24/2025             | Abdul Mirza        | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 07/21/2025           |

**FROM** 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP24805</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 213              | AR1221 1000 PPB WORKING SOLUTION | <a href="#">PP24806</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 214              | AR1232 1000 PPB WORKING SOLUTION | <a href="#">PP24807</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 215              | AR1242 1000 PPB WORKING STD | <a href="#">PP24808</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 216              | AR1248 1000 PPB WORKING STD | <a href="#">PP24809</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 217              | AR1254 1000 PPB WORKING STD | <a href="#">PP24810</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1529             | AR1262 1000 PPB Working Solution | <a href="#">PP24811</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1532             | AR1268 1000 PPB Working Solution | <a href="#">PP24812</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                              | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 404              | AR1660 100 PPM Stock Solution 2nd Source | <a href="#">PP24814</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 405              | AR1660 1000/100 PPB ICV STD | <a href="#">PP24815</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3789             | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | <a href="#">PP24816</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1887             | AR1232 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24817</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1889             | AR1242 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24818</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1890             | AR1248 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP24819</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 2193             | AR1254 100 PPM STOCK<br>SOLUTION | <a href="#">PP24820</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                    | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3757             | AR1262 1000 PPB Working Solution second source | <a href="#">PP24821</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                              | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3817             | AR1268 1000 ppb Working Soln. 2nd source | <a href="#">PP24822</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 203              | AR1660 750 PPB STD | <a href="#">PP24823</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 204              | AR1660 500 PPB STD | <a href="#">PP24824</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 205              | AR1660 250 PPB STD | <a href="#">PP24825</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 206              | AR1660 50 PPB STD | <a href="#">PP24826</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1079             | AR1221 750 PPB STD | <a href="#">PP24827</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 222              | AR1221 500 PPB STD | <a href="#">PP24828</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1080             | AR1221 250 PPB STD | <a href="#">PP24829</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1081             | AR1221 50 PPB STD | <a href="#">PP24830</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1063             | AR1232 750 PPB STD | <a href="#">PP24831</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 223              | AR1232 500 PPB STD | <a href="#">PP24832</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1064             | AR1232 250 PPB STD | <a href="#">PP24833</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1065             | AR1232 50 PPB STD | <a href="#">PP24834</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1067             | AR1242 750 PPB STD | <a href="#">PP24835</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 224              | AR1242 500 PPB STD | <a href="#">PP24836</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1068             | AR1242 250 PPB STD | <a href="#">PP24837</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1069             | AR1242 50 PPB STD | <a href="#">PP24838</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1075             | AR1248 750 PPB STD | <a href="#">PP24839</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 225              | AR1248 500 PPB STD | <a href="#">PP24840</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1076             | AR1248 250 PPB STD | <a href="#">PP24841</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1077             | AR1248 50 PPB STD | <a href="#">PP24842</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1071             | AR1254 750 PPB STD | <a href="#">PP24843</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 226              | AR1254 500 PPB STD | <a href="#">PP24844</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1072             | AR1254 250 PPB STD | <a href="#">PP24845</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1073             | AR1254 50 PPB STD | <a href="#">PP24846</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3753             | AR1262 750 PPB STD | <a href="#">PP24847</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1530             | AR1262 500 PPB STD | <a href="#">PP24848</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3754             | AR1262 250 PPB STD | <a href="#">PP24849</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3755             | AR1262 50 PPB STD | <a href="#">PP24850</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3820             | AR1268 750 PPB STD | <a href="#">PP24851</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1533             | AR1268 500 PPB STD | <a href="#">PP24852</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3821             | AR1268 250 PPB STD | <a href="#">PP24853</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3822             | AR1268 50 PPB STD | <a href="#">PP24854</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 406              | AR1660 500 PPB ICV | <a href="#">PP24855</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3790             | AR1221 500 PPB ICV(AGILENT) | <a href="#">PP24856</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1888             | AR1232 500 PPB ICV | <a href="#">PP24857</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1891             | AR1242 500 PPB ICV | <a href="#">PP24858</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1892             | AR1248 500 PPB ICV | <a href="#">PP24859</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1894             | AR1254 500 PPB ICV | <a href="#">PP24860</a> | 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

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3758             | AR1262 500 PPB STD ICV | <a href="#">PP24861</a> | 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

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3823             | AR1268 500 PPB STD ICV | <a href="#">PP24862</a> | 08/18/2025       | 02/15/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                        |                         |                  |                        |                    |                |                  | 08/19/2025           |

**FROM** 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml



| <u>Recipe ID</u>                                                                          | <u>NAME</u>                            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|-------------------------------------------------------------------------------------------|----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 3857                                                                                      | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | <a href="#">PP24930</a> | 09/18/2025       | 03/18/2026             | Abdul Mirza        | None           | None             | Yogesh Patel<br>09/19/2025 |
| <b><u>FROM</u></b> 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml |                                        |                         |                  |                        |                    |                |                  |                            |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName               | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-----------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 02/18/2026      | 10/01/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3804          |

| Supplier                    | ItemCode / ItemName                                    | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|--------------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 417203 | 01/28/2026      | 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-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 06/20/2025 / RUPESH     | 05/14/2025 / RUPESH         | E3944          |

| 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          |

## CHEMICAL RECEIPT LOG BOOK

| 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      | 09/15/2025 / Evelyn     | 09/04/2025 / Riteshkumar    | E3971          |

| 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          |

| 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 | 04/13/2026      | 10/13/2025 / RUPESH     | 10/08/2025 / Riteshkumar    | E3978          |

| 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) | 24i1262013 | 11/07/2025      | 05/07/2025 / RUPESH     | 02/18/2025 / Mohan          | M6157          |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| 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         |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| 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         |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | A0210232 | 02/18/2026      | 08/18/2025 / yogesh     | 10/17/2024 / yogesh         | P13706         |

| 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 | 12/24/2025      | 06/24/2025 / Abdul      | 11/19/2024 / Ankita         | P13786         |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | 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 # |
|------------------|---------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------|
| 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          |

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 <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | ≥ 99.5 %      | 99.8 %      |
| Color (APHA)                                                            | ≤ 10          | < 5         |
| Residue after Evaporation                                               | ≤ 5 ppm       | < 1 ppm     |
| Titration Acid (μeq/g)                                                  | ≤ 0.3         | 0.1         |
| Titration Base (μeq/g)                                                  | ≤ 0.5         | 0.1         |
| Water (H <sub>2</sub> O)                                                | ≤ 0.5 %       | 0.1 %       |
| Solubility in H <sub>2</sub> O                                          | Passes Test   | Passes Test |
| Chloride (Cl)                                                           | ≤ 0.2 ppm     | < 0.2 ppm   |
| Phosphate (PO <sub>4</sub> )                                            | ≤ 0.05 ppm    | < 0.05 ppm  |
| Trace Impurities – Aluminum (Al)                                        | ≤ 50.0 ppb    | < 5.0 ppb   |
| Arsenic and Antimony (as As)                                            | ≤ 5.0 ppb     | < 5.0 ppb   |
| Trace Impurities – Barium (Ba)                                          | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Beryllium (Be)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Bismuth (Bi)                                         | ≤ 20.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Boron (B)                                            | ≤ 10.0 ppb    | < 5.0 ppb   |
| Trace Impurities – Cadmium (Cd)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Calcium (Ca)                                         | ≤ 25.0 ppb    | 3.6 ppb     |
| Trace Impurities – Chromium (Cr)                                        | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Cobalt (Co)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Copper (Cu)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Gallium (Ga)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Germanium (Ge)                                       | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Gold (Au)                                            | ≤ 20 ppb      | < 5 ppb     |
| Trace Impurities – Iron (Fe)                                            | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Lead (Pb)                                            | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Lithium (Li)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Magnesium (Mg)                                       | ≤ 20 ppb      | < 1 ppb     |
| Trace Impurities – Manganese (Mn)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone  
CMOS

 **avantor™**



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

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

>>> Continued on page 3 >>>

Acetone  
CMOS

 **avantor™**



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

| Test | Specification | Result |
|------|---------------|--------|
|------|---------------|--------|

For Microelectronic Use

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



Michelle Bales  
Sr. Manager, Quality Assurance



**PRODUCTOS  
QUÍMICOS  
MONTERREY, S.A. DE C.V.**

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# CERTIFICATE OF ANALYSIS

|                       |                                   |               |                                 |
|-----------------------|-----------------------------------|---------------|---------------------------------|
| PRODUCT :             | SODIUM SULFATE CRYSTALS ANHYDROUS |               |                                 |
| QUALITY :             | ACS (CODE RMB3375)                | FORMULA :     | Na <sub>2</sub> SO <sub>4</sub> |
| SPECIFICATION NUMBER: | 6399                              | RELEASE DATE: | MAY/23/2024                     |
| LOT NUMBER :          | 417203                            |               |                                 |

| TEST                                     | SPECIFICATIONS | LOT VALUES  |
|------------------------------------------|----------------|-------------|
| Assay (Na <sub>2</sub> SO <sub>4</sub> ) | 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 <sub>4</sub> )             | Max. 0.001%    | <0.001 %    |
| Heavy metals (as Pb)                     | Max. 5 ppm     | <5 ppm      |
| Iron (Fe)                                | Max. 0.001%    | <0.001 %    |
| Calcium (Ca)                             | Max. 0.01%     | 0.001 %     |
| Magnesium (Mg)                           | Max. 0.005%    | 0.001 %     |
| Potassium (K)                            | Max. 0.008%    | 0.001 %     |
| Extraction-concentration suitability     | Passes test    | Passes test |
| Appearance                               | Passes test    | Passes test |
| Identification                           | Passes test    | Passes test |
| Solubility and foreign matter            | Passes test    | Passes test |
| Retained on US Standard No. 10 sieve     | Max. 1%        | 0.2 %       |
| Retained on US Standard No. 60 sieve     | Min. 94%       | 96.2 %      |
| Through US Standard No. 60 sieve         | Max. 5%        | 3.5 %       |
| Through US Standard No. 100 sieve        | Max. 10%       | 0.1 %       |

## COMMENTS

QC: PhC Irma Belmares

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

RE-02-01, Ed. 3

E 3875

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

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



|                      |                                |
|----------------------|--------------------------------|
| Material             | BDH9274-2.5KG                  |
| Material Description | BDH SAND STDD OTTAWA W+I 2.5KG |
| Grade                | NOT APPLICABLE                 |
| Batch                | 25A2756718                     |
| Reassay Date         | 12/31/2028                     |
| CAS Number           | 14808-60-7                     |
| Molecular Formula    | SiO <sub>2</sub>               |
| 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 1/12/25.*

**E3951**

Internal ID #: 793

| Signature                                                                                                                                                                                                                                                                                                   | Additional Information                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We certify that this batch conforms to the specifications listed above.</p> <p>This document has been electronically produced and is valid without a signature.</p> <p>Leona Edwardson, Quality Control Sr. Manager - Solon<br/> VWR Chemicals, LLC.<br/> 28600 Fountain Parkway, Solon OH 44139 USA</p> | <p>Analysis may have been rounded to significant digits in specification limits</p> <p>Product meets analytical specifications of the grades listed.</p> |

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



Material No.: 9262-03  
Batch No.: 25C0362005  
Manufactured Date: 2025-01-29  
Expiration Date: 2026-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5 \%$ | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95 \%$   | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| Residue after Evaporation                                                      | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                     | $\leq 0.05 \%$ | $< 0.01 \%$ |

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

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

*Received on 7/30/25*

E3962

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone.  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

Avantor™



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

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 100.0 %     |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.0 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | <0.1 %      |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | 1           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

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

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

*Received on 8/6/25*

**E 3963**

*J. Croak*

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

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



Material No.: 9262-03  
Batch No.: 25C0362005  
Manufactured Date: 2025-01-29  
Expiration Date: 2026-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                           | Specification  | Result      |
|--------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | $\geq 99.5 \%$ | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | $\geq 95 \%$   | 100 %       |
| Color (APHA)                                                                   | $\leq 10$      | 10          |
| Residue after Evaporation                                                      | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                     | $\leq 0.05 \%$ | $< 0.01 \%$ |

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

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

E3971

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (µeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (µeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

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

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

E3972

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

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

 **avantors<sup>TM</sup>**



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)            | $\leq 5$       | 1           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)            | $\leq 10$      | 6           |
| ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 4           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)     | $\geq 99.5\%$  | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                                | $\geq 95\%$    | 100 %       |
| Color (APHA)                                                                    | $\leq 10$      | 10          |
| Residue after Evaporation                                                       | $\leq 1.0$ ppm | 0.2 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                           | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                      | $\leq 0.05\%$  | $< 0.01\%$  |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3978



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

Sulfuric Acid  
BAKER INSTRA-ANALYZED® Reagent  
For Trace Metal Analysis  
Low Selenium

avantor™



MG157  
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

## Certificate of Analysis

| Test                                                        | Specification | Result      |
|-------------------------------------------------------------|---------------|-------------|
| ACS – Assay (H <sub>2</sub> SO <sub>4</sub> )               | 95.0 – 98.0 % | 96.2 %      |
| Appearance                                                  | Passes Test   | Passes Test |
| ACS – Color (APHA)                                          | <= 10         | 5           |
| ACS – Residue after Ignition                                | <= 3 ppm      | <1 ppm      |
| ACS – Substances Reducing Permanganate(as SO <sub>2</sub> ) | <= 2 ppm      | <2 ppm      |
| Ammonium (NH <sub>4</sub> )                                 | <= 1 ppm      | <1 ppm      |
| Chloride (Cl)                                               | <= 0.1 ppm    | <0.1 ppm    |
| Nitrate (NO <sub>3</sub> )                                  | <= 0.2 ppm    | 0.1 ppm     |
| Phosphate (PO <sub>4</sub> )                                | <= 0.5 ppm    | <0.1 ppm    |
| Trace Impurities – Aluminum (Al)                            | <= 30.0 ppb   | <5.0 ppb    |
| Arsenic & Antimony (as As)                                  | <= 4.0 ppb    | <2.0 ppb    |
| Trace Impurities – Boron (B)                                | <= 10.0 ppb   | <5.0 ppb    |
| Trace Impurities – Cadmium (Cd)                             | <= 2.0 ppb    | <1.0 ppb    |
| Trace Impurities – Chromium (Cr)                            | <= 6.0 ppb    | <1.0 ppb    |
| Trace Impurities – Cobalt (Co)                              | <= 0.5 ppb    | <0.3 ppb    |
| Trace Impurities – Copper (Cu)                              | <= 1.0 ppb    | <1.0 ppb    |
| Trace Impurities – Gold (Au)                                | <= 10.0 ppb   | <5.0 ppb    |
| Heavy Metals (as Pb)                                        | <= 500.0 ppb  | <100.0 ppb  |
| Trace Impurities – Iron (Fe)                                | <= 50.0 ppb   | <1.0 ppb    |
| Trace Impurities – Lead (Pb)                                | <= 0.5 ppb    | <0.5 ppb    |
| Trace Impurities – Magnesium (Mg)                           | <= 7.0 ppb    | <1.0 ppb    |
| Trace Impurities – Manganese (Mn)                           | <= 1.0 ppb    | <1.0 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  | <10.0 ppb   |
| Trace Impurities – Selenium (Se)                            | <= 50.0 ppb   | 7.2 ppb     |
| Trace Impurities – Silicon (Si)                             | <= 100.0 ppb  | 12.8 ppb    |
| Trace Impurities – Silver (Ag)                              | <= 1.0 ppb    | <1.0 ppb    |

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

Avantor Performance Materials LLC

Sulfuric Acid  
BAKER INSTRA-ANALYZED® Reagent  
For Trace Metal Analysis  
Low Selenium

 **avantors**™



Material No.: 9673-33

Batch No.: 2411262013

| Test                              | Specification    | Result      |
|-----------------------------------|------------------|-------------|
| Trace Impurities – Sodium (Na)    | $\leq 500.0$ ppb | $< 5.0$ ppb |
| Trace Impurities – Strontium (Sr) | $\leq 5.0$ ppb   | $< 1.0$ ppb |
| Trace Impurities – Tin (Sn)       | $\leq 5.0$ ppb   | 1.1 ppb     |
| Trace Impurities – Zinc (Zn)      | $\leq 5.0$ ppb   | $< 1.0$ ppb |

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



# Certificate of Analysis

P11518  
↓  
P11522  
AJ  
02/21/22

**Product Name:** Aroclor 1268 Standard

**Product Number:** PP-382-1

**Lot Issue Date:** 09-Feb-2021

**Lot Number:** 0006587800

**Expiration Date:** 31-Mar-2029

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte      | CAS#        | Analyte Lot | Concentration ± Uncertainty |
|--------------|-------------|-------------|-----------------------------|
| Aroclor 1268 | 011100-14-4 | RM00937     | 100.0 ± 0.5 µg/mL           |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

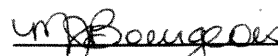
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

  
Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026  
Page: 1 of 1

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

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

**Catalog No. :** 32011 **Lot No.:** A0175403  
**Description :** Aroclor® 1254 Standard  
Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** November 30, 2027 **Storage:** 25°C nominal  
**Handling:** This product contains PCBs. **Ship:** Ambient

**CERTIFIED VALUES**

| Elution Order | Compound                                                         | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1254<br>CAS # 11097-69-1 (Lot 124-191-B)<br>Purity ----% | 1,000.7 µg/mL               | +/- 5.9437 µg/mL Gravimetric<br>+/- 31.7284 µg/mL Unstressed<br>+/- 41.4406 µg/mL Stressed |

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

P11588  
↓  
P11592 / (S)

AR  
04/30/2022

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

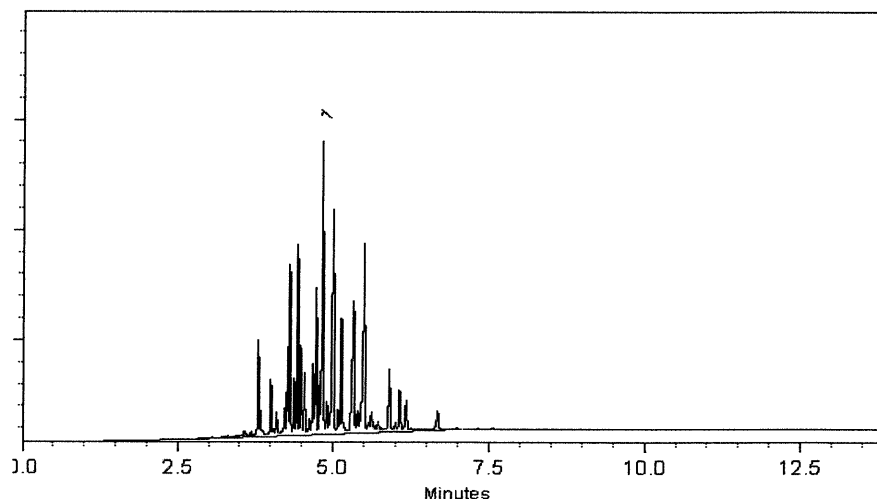
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



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

*Cathleen Soltis*

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

*Alexis Shelow*

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P11588  
↓  
P11592 / (5)

AR  
04/30/22



## CERTIFIED WEIGHT REPORT

Part Number: **91867**  
 Lot Number: **020823**  
 Description: **WP 037 - Aroclor 1232**  
**PCB Technical Mixture**  
 Expiration Date: **020833**  
 Recommended Storage: **Ambient (20 °C)**  
 Nominal Concentration ( $\mu\text{g/mL}$ ): **100**  
 NIST Test ID#: **6UTB**

Solvent(  
Aceton

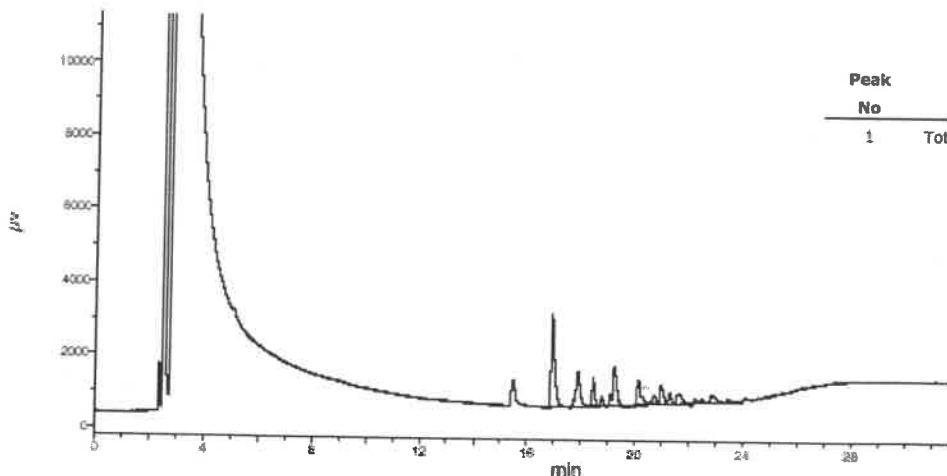
Weight(s) shown below were combined and diluted to (mL): **100.0**  
 5E-05 Balance Uncertainty  
 0.057 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc ( $\mu\text{g/mL}$ ) | Purity (%) | Uncertainty Purity | Target Weight (g) |
|-----------------|-----|------------|-----------------------------------|------------|--------------------|-------------------|
| 1. Aroclor 1232 | 17  | 45-6A      | 100                               | 100        | 0.5                | 0.01000           |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST 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 X 5 $\mu\text{m}$  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 = 1.5 $\mu\text{L}$ , Range=3





CERTIFIED WEIGHT REPORT

Part Number: X9166  
Lot Number: 060523  
Description: Aroclor 1262

Solvent(s): Methanol

Appendix IX Compound

Expiration Date: 060533

Recommended Storage: Ambient (20 °C)

Nominal Concentration (µg/mL): 100

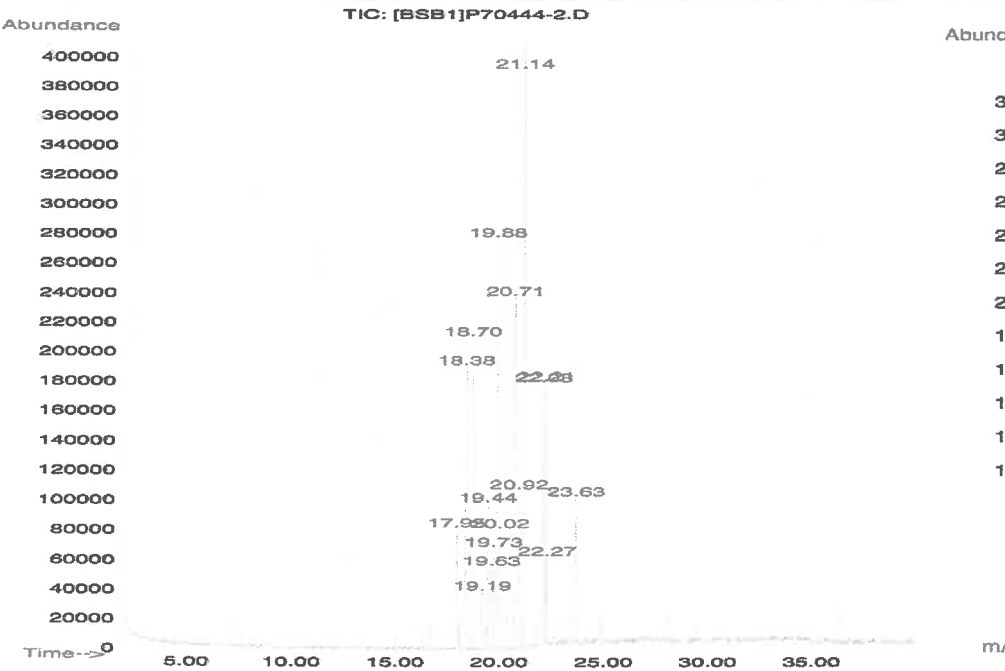
NIST Test ID#: 6UTB

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) | Co |
|-----------------|-------------|------------|-------------|-------------------|--------------------------|----|
| 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 certified (+/-) 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).



**CERTIFIED WEIGHT REPORT**

**Part Number:** 20064  
**Lot Number:** 022023  
**Description:** CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260  
**Expiration Date:** 022033  
**Recommended Storage:** Ambient (20 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 6UTB

**Solvent(s):** Hexane  
**Lot#** 273615

|                       |                 |             |
|-----------------------|-----------------|-------------|
|                       |                 | 022023      |
| <b>Formulated By:</b> | Benson Chan     | <b>DATE</b> |
|                       |                 | 022023      |
| <b>Reviewed By:</b>   | Pedro L. Rentas | <b>DATE</b> |

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YAP.  
12/20/23

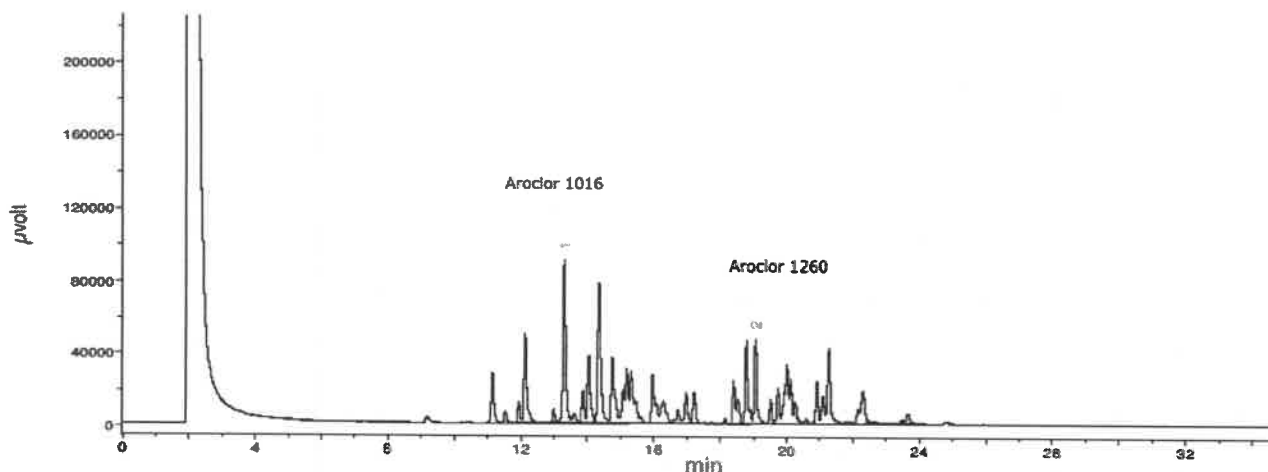
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information<br>(Solvent Safety Info. On Attached pg.) |                |                   |
|-----------------|-----|------------|----------------------|------------|--------------------|------------------|------------------|---------------------|------------------------------------|-----------------------------------------------------------|----------------|-------------------|
|                 |     |            |                      |            |                    |                  |                  |                     |                                    | CAS#                                                      | OSHA PEL (TWA) | LD50              |
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2                                                | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11096-82-5                                                | 0.5mg/m3       | ori-rat 1315mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
Standard injection = 1.5µL, Range=3





**CERTIFIED WEIGHT REPORT**

**Part Number:** 20064  
**Lot Number:** 022023  
**Description:** CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260  
**Expiration Date:** 022033  
**Recommended Storage:** Ambient (20 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 6UTB

**Solvent(s):** Hexane  
**Lot#** 273615

|                       |                 |             |
|-----------------------|-----------------|-------------|
|                       |                 | 022023      |
| <b>Formulated By:</b> | Benson Chan     | <b>DATE</b> |
|                       |                 | 022023      |
| <b>Reviewed By:</b>   | Pedro L. Rentas | <b>DATE</b> |

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YAP.  
12/20/23

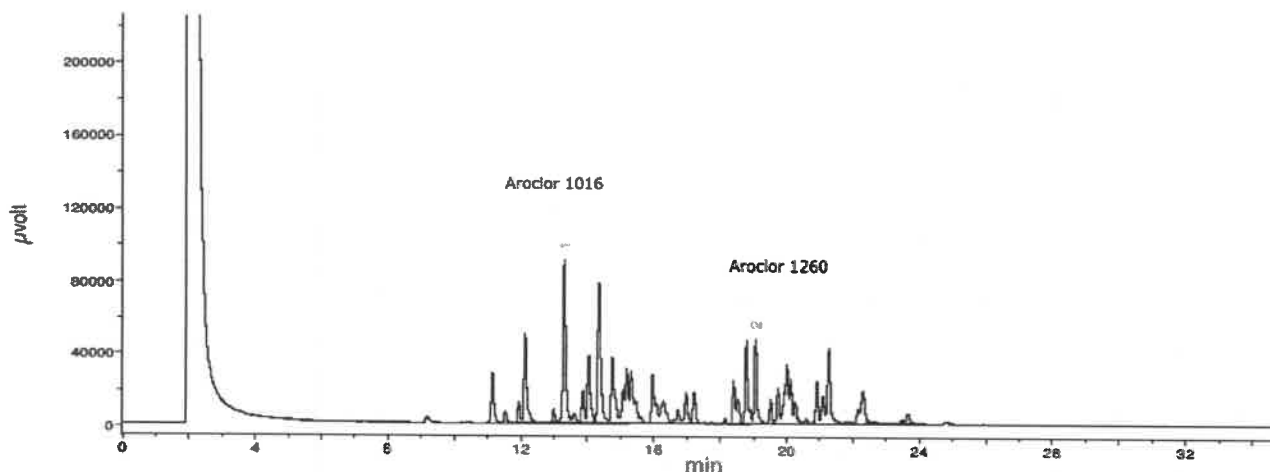
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information<br>(Solvent Safety Info. On Attached pg.) |                |                   |
|-----------------|-----|------------|----------------------|------------|--------------------|------------------|------------------|---------------------|------------------------------------|-----------------------------------------------------------|----------------|-------------------|
|                 |     |            |                      |            |                    |                  |                  |                     |                                    | CAS#                                                      | OSHA PEL (TWA) | LD50              |
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2                                                | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2                | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11096-82-5                                                | 0.5mg/m3       | ori-rat 1315mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

**Comments**

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
Standard injection = 1.5µL, Range=3





CERTIFIED WEIGHT REPORT

Part Number: **99139**  
Lot Number: **121823**  
Description: **Aroclor 1254**

Solvent(s):  
Iso-octane  
Lot#  
82227

|                        |                 |        |
|------------------------|-----------------|--------|
| <i>Anthony Mahoney</i> |                 | 121823 |
| Formulated By:         | Anthony Mahoney | DATE   |
| <i>Pedro L. Rentas</i> |                 | 121823 |
| Reviewed By:           | Pedro L. Rentas | DATE   |

P12956 } Y.P.  
12/20/23  
P12957 }

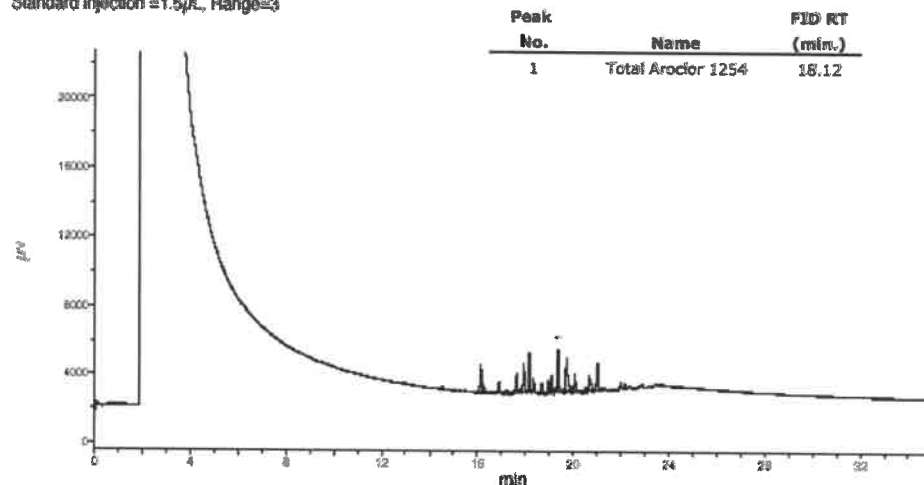
Expiration Date: 121833  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 100  
NIST Test ID#: 6UTB  
Volume(s) shown below were combined and diluted to (mL): 20.0  
Note: Aroclor 1254 is a mix of isomers.

| 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<br>(Solvent Safety Info. On Attached pg.) |                 |                   |
|-----------------|-------------|------------|-----------------|-------------------|--------------------------|-----------------------|---------------------|------------------------------------|-----------------------------------------------------------|-----------------|-------------------|
|                 |             |            |                 |                   |                          |                       |                     |                                    | CAS#                                                      | OSHA PEL (TWA)  | LD50              |
| 1. Aroclor 1254 | 79100       | 121823     | 0.10            | 2.00              | 0.017                    | 1003.3                | 100.1               | 1.8                                | 11097-69-1                                                | 0.5mg/m3 (skin) | orl-rat 1295mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X 5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
Standard injection = 1.5µL, Range=3





110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

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

P13348  
↓  
P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

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

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

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

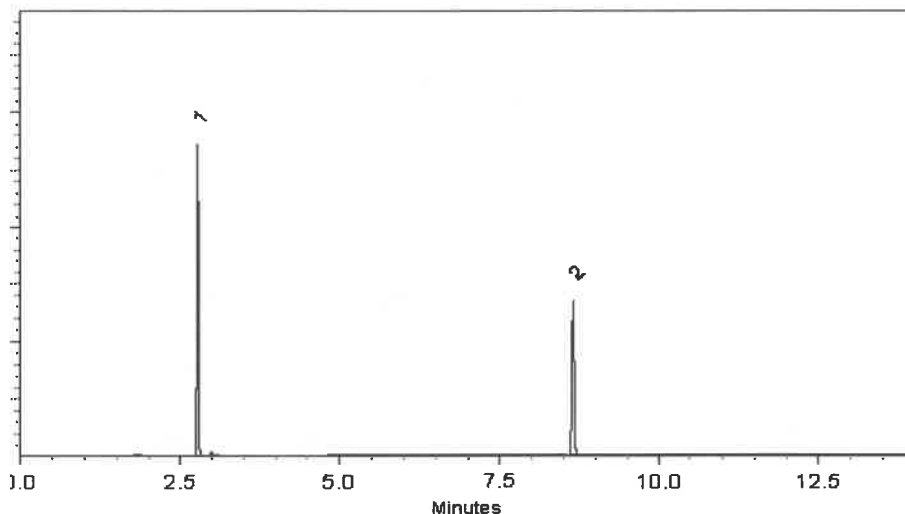
ECD

**Split Vent:**

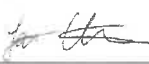
10 ml/min.

**Inj. Vol**

1µl

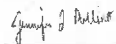


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - 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  
↓  
P 13357  
SAUF  
04/25/2025



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 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  
↓  
P 13375  
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05/6/2024

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

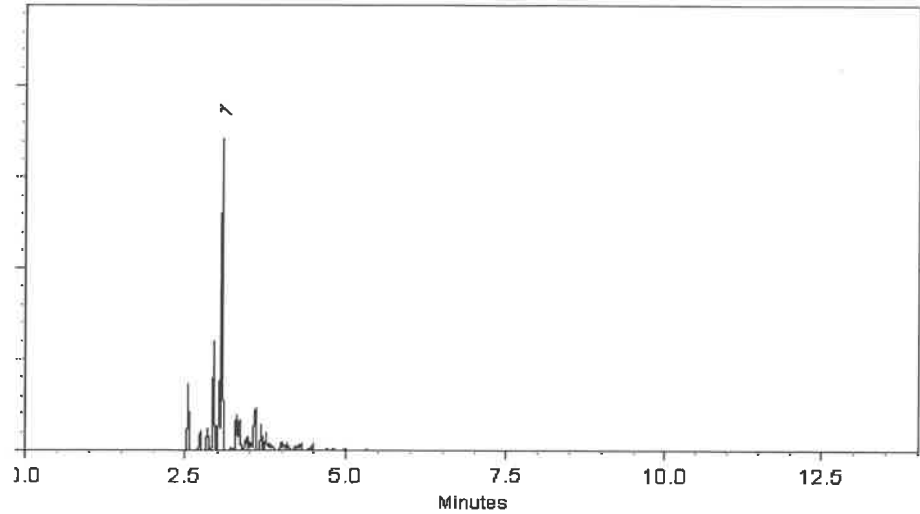
ECD

**Split Vent:**

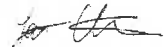
10 ml/min.

**Inj. Vol**

1µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

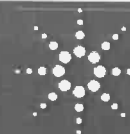
Date Passed: 08-Feb-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P 13374 } ②  
↓  
P 13375 }

  
05/6/2024

ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

| Component Name | CERTIFIED VALUES |                      | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |             |             |
| Aroclor 1242   | 100.4            | ± 0.5 µg/mL          | 053469-21-9 | NT01020     |

Matrix: isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589  
↓  
P13590AJ  
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ISO 17034



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 95T215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025  
Cert No. AT-

**Reference Material Certificate**  
**Product Information Sheet**

**Product Name:** Aroclor 1248 Standard

**Lot Number:** 0006726317

**Product Number:** PP-342-1

**Lot Issue Date:** 27-Jan-2023

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Expiration Date:** 28-Feb-2031

| Component Name | Concentration | Uncertainty | CAS#        | Analyte Lot |
|----------------|---------------|-------------|-------------|-------------|
| Aroclor 1248   | 100.3 ±       | 0.5 µg/mL   | 012672-29-6 | NT01582     |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591  
↓  
P13592

AS  
10/14/2024

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

---

**Sample lot approver:**



Monica Bourgeois  
QMS Representative



110 Benner Circle  
Bellefonte, PA 16823-8812  
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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32010 **Lot No.:** A0214733

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** November 30, 2030 **Storage:** 25°C nominal

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

P13695 } Y.P.  
P13696 } 10/17/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1248 | 12672-29-6 | 15242800 | ----%  | 1,005.0 µg/mL               | +/- 55.7700                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

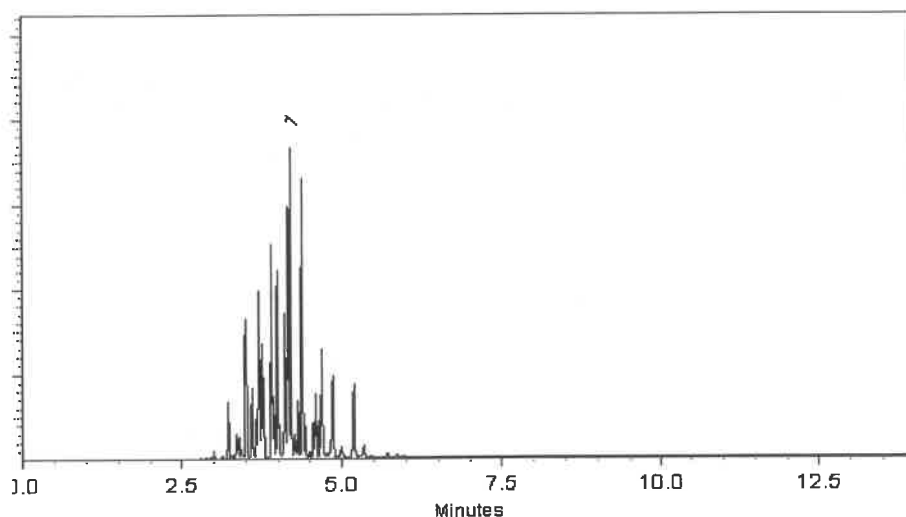
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32039 **Lot No.:** A0210629

**Description :** Aroclor® 1016/1260 Mix  
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

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

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

P13697  
↓  
P13701 } Y.P.  
10/19/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #   | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|---------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1016 | 12674-11-2 | 07      | ----%  | 1,005.3 µg/mL               | +/- 55.7809                            |
| 2             | Aroclor 1260 | 11096-82-5 | 1320657 | ----%  | 1,000.0 µg/mL               | +/- 55.4850                            |

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

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

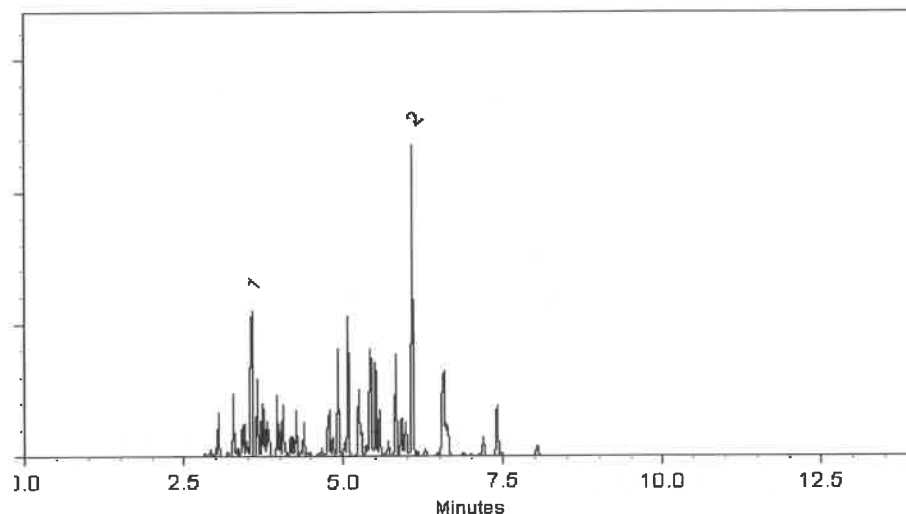
ECD

**Split Vent:**

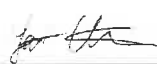
10 ml/min.

**Inj. Vol**

0.2µl

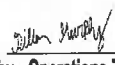


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

**Date Mixed:** 22-Apr-2024

**Balance Serial #** B442140311

  
Dillan Murphy - Operations Technician I

**Date Passed:** 24-Apr-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32009 **Lot No.:** A0210232  
**Description :** Aroclor® 1242 Standard  
Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
**Container Size :** 2 mL **Pkg Amt:** > 1 mL  
**Expiration Date :** July 31, 2030 **Storage:** 25°C nominal  
**Handling:** This product contains PCBs. **Ship:** Ambient

P13706 } y.p.  
P13707 } 10/17/24

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1242 | 53469-21-9 | 01141 | ----%  | 1,000.7 µg/mL               | +/- 55.5295                            |

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

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

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

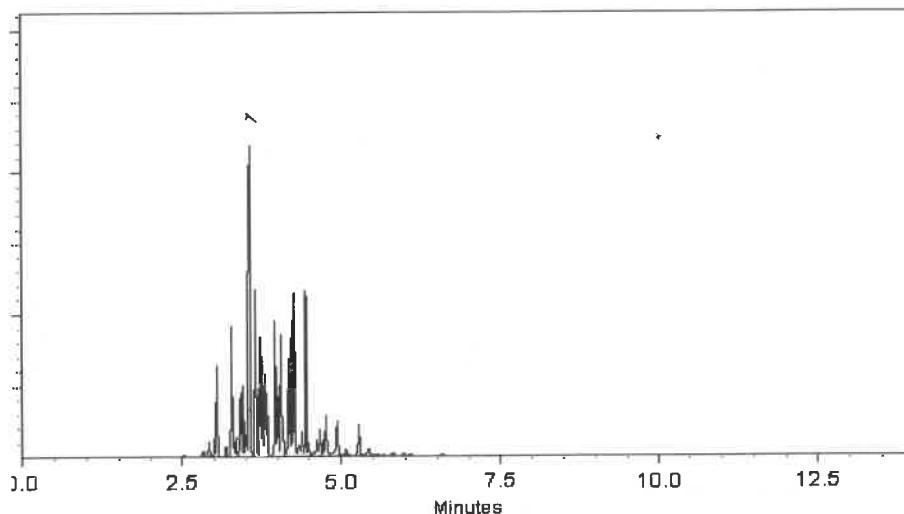
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2µl



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

  
Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

  
Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32000 **Lot No.:** 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:**

heliu-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

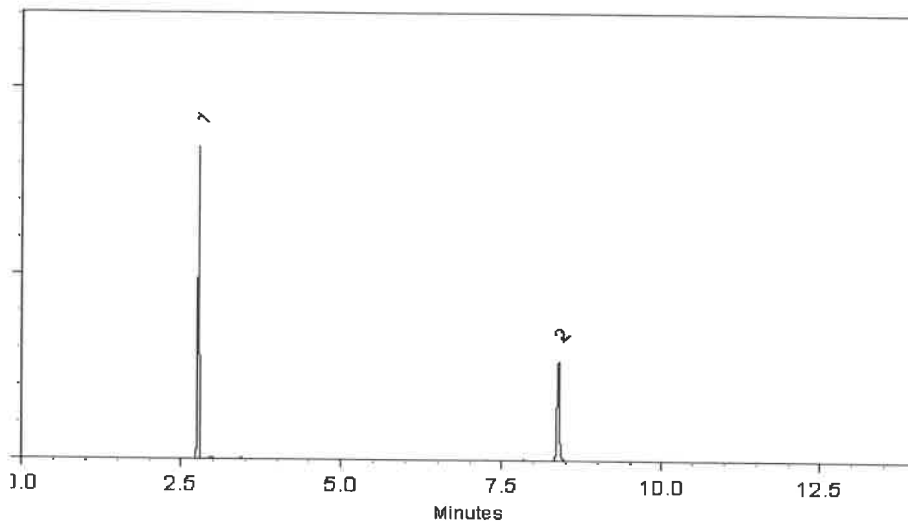
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

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

P19785  
↓  
P19789  
AJ  
11/19/24

## CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.2 µg/mL                 | +/- 11.1087                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679    | 99%    | 201.4 µg/mL                 | +/- 11.1753                            |

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

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

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

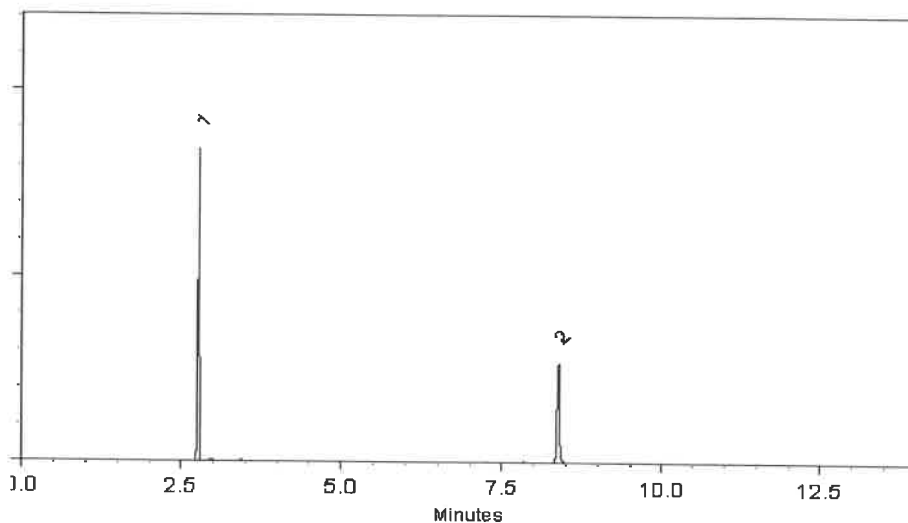
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32011 **Lot No.:** A0217391

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2031 **Storage:** 25°C nominal

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #     | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1254 | 11097-69-1 | 124-191-B | ----%  | 1,004.7 µg/mL               | +/- 55.7515                            |

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

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

P13830  
↓  
P13832  
↓  
P13834  
AJ  
12/09/24

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

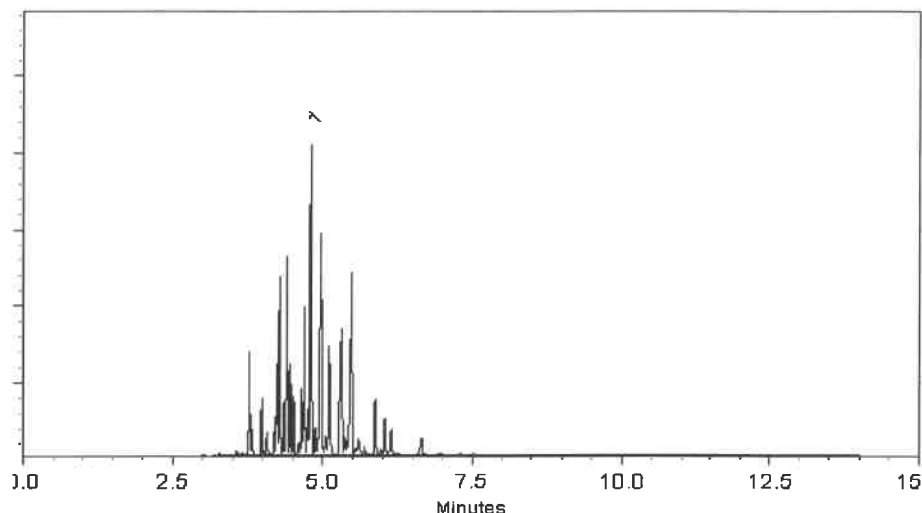
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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# Certificate of Analysis

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32008 **Lot No.:** A0219655

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** March 31, 2031 **Storage:** 25°C nominal

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1232 | 11141-16-5 | 15665-01 | ----%  | 1,007.0 µg/mL               | +/- 55.8810                            |

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

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

P13878  
↓  
P13850

AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

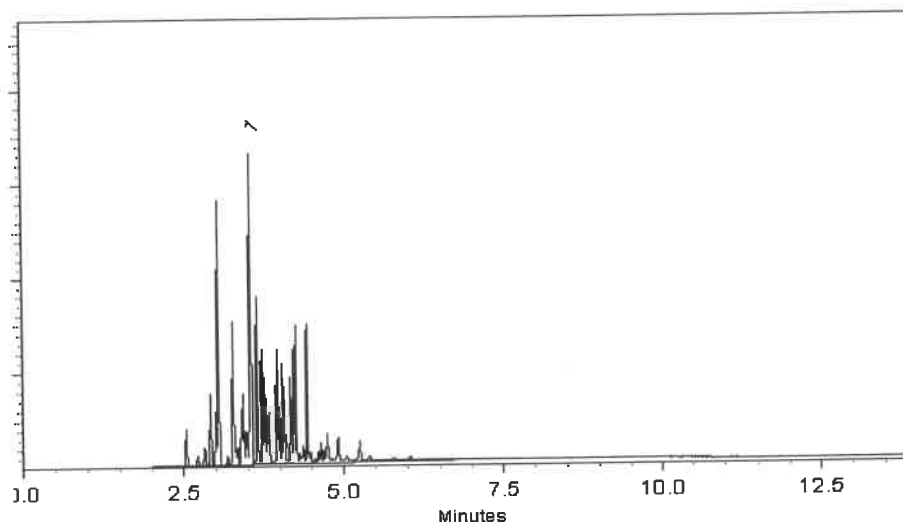
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial # C322230531

*Brittany Federinko*  
Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

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

**Catalog No. :** 32409 **Lot No.:** A0217041

**Description :** Aroclor® 1262 Standard  
Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

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

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1262 | 37324-23-5 | 10849100 | ----%  | 1,000.0 µg/mL               | +/- 55.4925                            |

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

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

P13881  
AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

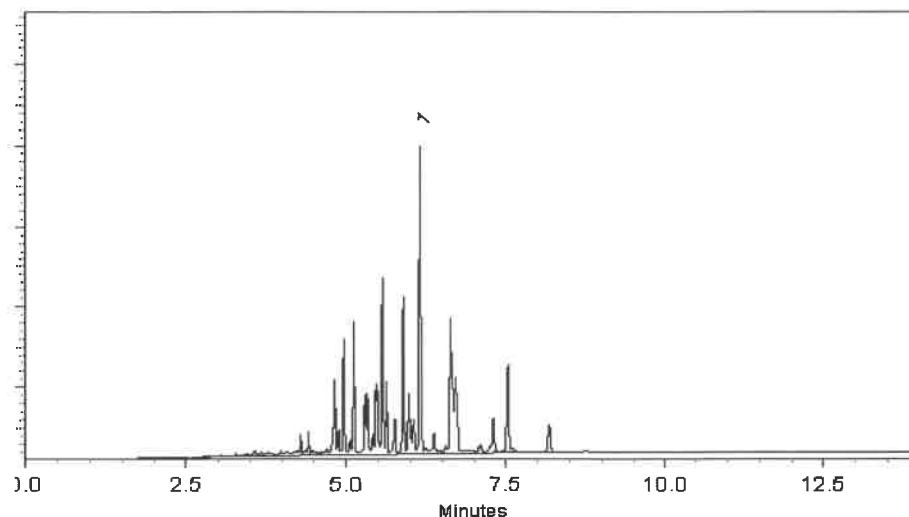
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



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

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



110 Benner Circle  
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Tel: 1-814-353-1300  
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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

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

**Catalog No. :** 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%

P 13884  
↓  
P 13886

AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

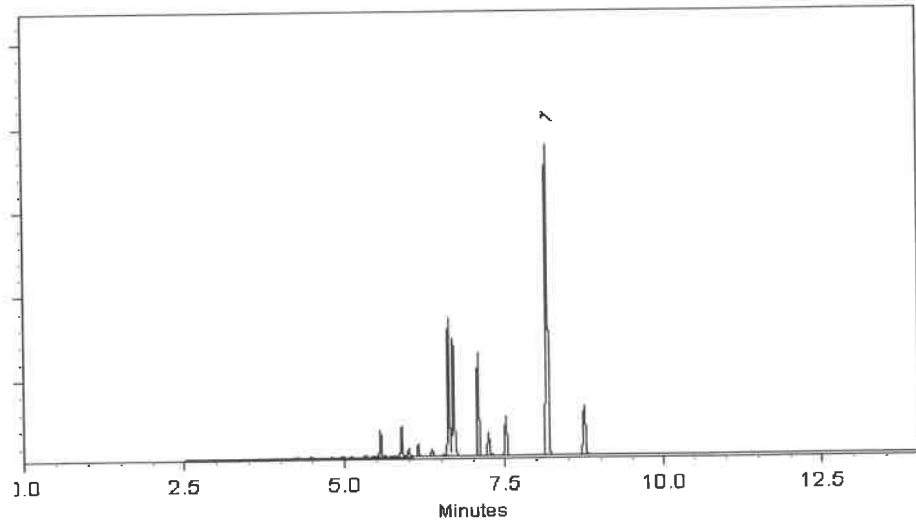
ECD

**Split Vent:**

Split ratio 500:1

**Inj. Vol**

0.2µl



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

Stacey Wanner - Operations Technician I

**Date Mixed:** 01-Oct-2024

**Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 02-Oct-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

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



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

## Certificate of Analysis

| Test                                                                            | Specification  | Result      |
|---------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)            | $\leq 5$       | 3           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)            | $\leq 10$      | 1           |
| ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 1           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)     | $\geq 99.5 \%$ | 99.7 %      |
| Assay (as n-Hexane) (by GC, corrected for water)                                | $\geq 95 \%$   | 98 %        |
| Color (APHA)                                                                    | $\leq 10$      | 5           |
| Residue after Evaporation                                                       | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                           | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                      | $\leq 0.05 \%$ | < 0.01 %    |

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

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

Jamie Croak  
Director Quality Operations, Bioscience Production

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

 **avantor**™



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

W3234 88  
OP441. 07/28/2025

## Certificate of Analysis

| Test                                                                           | Specification | Result      |
|--------------------------------------------------------------------------------|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | <= 5          | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | <= 10         | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5          | 5           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)    | >= 99.5 %     | 100.0 %     |
| Assay (as n-Hexane) (by GC, corrected for water)                               | >= 95 %       | 100 %       |
| Color (APHA)                                                                   | <= 10         | 10          |
| Residue after Evaporation                                                      | <= 1.0 ppm    | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                          | Passes Test   | Passes Test |
| Water (by KF, coulometric)                                                     | <= 0.05 %     | <0.01 %     |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM  
ADDRESS: 605 3rd Ave  
CITY: New York STATE: NY ZIP: 10158  
ATTENTION: Rob Forstner  
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond  
PROJECT NO.: 60693795 LOCATION: Staten Isl  
PROJECT MANAGER: Rob Forstner  
e-mail: Robert.Forstner@aecom.com  
PHONE: same FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:   
ADDRESS: same  
CITY: STATE: ZIP:   
ATTENTION: Rob Forstner PHONE: same

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS\*  
HARDCOPY (DATA PACKAGE): DAYS\*  
EDD: DAYS\*

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☒ NYS ASP B  
+ Raw Data ☐ Other  
☐ EDD FORMAT

1. SVOCs  
2. Pesticides + PCBs  
3. Mercury Metals  
4. PCBs Hexachloro  
5. Dioxin  
6. Gram Size  
7. TOCS  
8. VOCs  
9.

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES |   |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | PR132-S09-000051-20251017        | S                |                | X    | 10/17                | 1235 | 11           | X | X | X | X | X | X | X | X |   |          |
| 2.                       | PR132-S07-000102-20251017        | S                |                | X    | 10/17                | 1140 | 11           | X | X | X | X | X | X | X | X |   |          |
| 3.                       | PR132-S07-000102-20251017MSD     | S                |                | X    | 10/17                | 1140 | 10           | X | X | X | X | X |   | X | X |   |          |
| 4.                       | PR132-S07-000102-20251017MS      | S                |                | X    | 10/17                | 1140 | 10           | X | X | X | X | X |   | X | X |   |          |
| 5.                       | PR132-S07-102116-20251017        | S                |                | X    | 10/17                | 1150 | 11           | X | X | X | X | X | X | X | X |   |          |
| 6.                       | PR132-COMP03-2025-20251017       | S                | X              |      | 10/17                | 1010 | 7            | X | X | X | X | X | X | X |   |   |          |
| 7.                       | Temp Blank                       | A                |                |      | 10/17                |      | 1            | X | X | X | X | X |   |   | X |   |          |
| 8.                       | PR132-S08-038048-20251017        | S                |                | X    | 10/17                | 0840 | 4            |   |   |   |   |   |   |   | X |   |          |
| 9.                       |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   |          |

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

|                                             |                            |                                         |
|---------------------------------------------|----------------------------|-----------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. Jim Alderson | DATE/TIME:<br>10/17/25 4pm | RECEIVED BY:<br>1. [Signature] 10-17-25 |
| RELINQUISHED BY SAMPLER:<br>2. [Signature]  | DATE/TIME:                 | RECEIVED BY:<br>2. [Signature]          |
| RELINQUISHED BY SAMPLER:<br>3. [Signature]  | DATE/TIME: 1740            | RECEIVED BY:<br>3. [Signature]          |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C  
Comments:

Page \_\_\_\_ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete  
☐ YES ☐ NO

### 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           |



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

## LOGIN REPORT/SAMPLE TRANSFER

|                                       |        |                                                  |                                       |
|---------------------------------------|--------|--------------------------------------------------|---------------------------------------|
| <b>Order ID :</b> Q3395               | AECO02 | <b>Order Date :</b> 10/17/2025 4:25:00 PM        | <b>Project Mgr :</b>                  |
| <b>Client Name :</b> AECOM            |        | <b>Project Name :</b> AE1-CTY 3.2.Z-PR-DOCK      | <b>Report Type :</b> NYS ASP <b>B</b> |
| <b>Client Contact :</b> Rob Forstner  |        | <b>Receive DateTime :</b> 10/17/2025 12:00:00 AM | <b>EDD Type :</b> EQUIS               |
| <b>Invoice Name :</b> AECOM           |        | <b>Purchase Order :</b> 5:40 pm                  | <b>Hard Copy Date :</b>               |
| <b>Invoice Contact :</b> Rob Forstner |        |                                                  | <b>Date Signoff :</b>                 |

| LAB ID              | CLIENT ID                        | MATRIX           | SAMPLE DATE           | SAMPLE TIME      | TEST                     | TEST GROUP | METHOD           | FAX DATE                | DUE DATES |
|---------------------|----------------------------------|------------------|-----------------------|------------------|--------------------------|------------|------------------|-------------------------|-----------|
| Q3395-01            | PR132-S09-000051-20251017        | Solid            | 10/17/2025            | 12:15            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |
| Q3395-02            | PR132-S07-000102-20251017        | Solid            | 10/17/2025            | 11:40            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |
| Q3395-03            | Q3395-02MS                       | Solid            | 10/17/2025            | 11:40            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |
| Q3395-04            | Q3395-02MSD                      | Solid            | 10/17/2025            | 11:40            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |
| Q3395-05            | PR132-S07-102116-20251017        | Solid            | 10/17/2025            | 11:50            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |
| <del>Q3395-06</del> | <del>PR132-COMP03-20251017</del> | <del>Solid</del> | <del>10/17/2025</del> | <del>10:10</del> | <del>VOC-TCLVOA-10</del> |            | <del>8260D</del> | <del>10 Bus. Days</del> |           |
| Q3395-07            | PR132-S08-038048-20251017        | Solid            | 10/17/2025            | 08:40            | VOC-TCLVOA-10            |            | 8260D            | 10 Bus. Days            |           |

## LOGIN REPORT/SAMPLE TRANSFER

|                                       |        |                                                             |                                       |
|---------------------------------------|--------|-------------------------------------------------------------|---------------------------------------|
| <b>Order ID :</b> Q3395               | AECO02 | <b>Order Date :</b> 10/17/2025 4:25:00 PM                   | <b>Project Mgr :</b>                  |
| <b>Client Name :</b> AECOM            |        | <b>Project Name :</b> AE1-CTY 3.2.Z-PR-DOCK                 | <b>Report Type :</b> NYS ASP <b>B</b> |
| <b>Client Contact :</b> Rob Forstner  |        | <b>Receive DateTime :</b> 10/17/2025 <del>12:00:00 AM</del> | <b>EDD Type :</b> EQUIS               |
| <b>Invoice Name :</b> AECOM           |        | <b>Purchase Order :</b> 5:40 PM                             | <b>Hard Copy Date :</b>               |
| <b>Invoice Contact :</b> Rob Forstner |        |                                                             | <b>Date Signoff :</b>                 |

| LAB ID | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE<br>DATES |
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|

Relinquished By : CR

Date / Time : 10/20/25 12:00

Received By : A

Date / Time : 10/20/25 1200

Storage Area : VOA Refridgerator Room