

## Cover Page

**Order ID :** Q3321

**Project ID :** RFP 918

**Client :** Weston Solutions, Inc.

**Lab Sample Number**

Q3321-01  
Q3321-02

**Client Sample Number**

P001-DS-01  
P001-DS-01

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: 10/17/2025



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

## **CASE NARRATIVE**

**Weston Solutions, Inc.**  
**Project Name: RFP 918**  
**Project # N/A**  
**Order ID # Q3321**  
**Test Name: PCB**

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

1 Solid sample was received on 10/09/2025.

### **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\_P. 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 for {Q3310-02MSD} with File ID: PP075717.D met criteria except for AR1260[27%] due to difference in results of MS-MSD.

The Blank Spike met requirements for all compounds.  
The Blank analysis did not indicate the presence of lab contamination.  
The Initial Calibration met the requirements.

The Continuous Calibration File ID PP075704.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

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

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

## **F. Calculation for Concentration in Soil samples:**

$$\text{Concentration ug/Kg (Dry weight basis)} = \frac{(Ax) (Vt) (DF) (GPC)}{(CF) (Vi) (Ws) (D)}$$

Where,

Ax = Response (peak area or height) of the compound to be measured.

CF = Mean Calibration Factor from the initial calibration (area/ng).

Vt = Volume of the concentrated extract in uL

Vi = Volume of extract injected (uL). (If a single injection is made onto two columns, use ½ the volume in the syringe as the volume injected onto each column).

Ws = Weight of sample extracted (g).

D = % dry weight or  $\frac{100 - \% \text{Moisture}}{100}$

GPC =  $\frac{V_{in}}{V_{out}}$  = GPC factor (If no GPC is performed, GPC=1)

Vin = Volume of extract loaded onto GPC column.

Vout = Volume of extract collected after GPC cleanup.

DF = Dilution Factor

## **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 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: Q3321

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 File ID PP075704.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column however it is passing in 1st column therefore no corrective action taken                                            |    |    | ✓   |
| 4. Blank Contamination - If yes, list compounds and concentrations in each blank:                                                                                                                                                                                                                                                                                                                                                                                                                         |    | ✓  |     |
| 5. Surrogate Recoveries Meet Criteria<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 for {Q3310-02MSD} with File ID: PP075717.D met criteria except for AR1260[27%] due to difference in results of MS-MSD. |    | ✓  |     |
| 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:                                                                                                                                                                                                                                                                                                                                                                                                           |    |    | ✓   |



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

|                                                                                                | NA | NO | YES |
|------------------------------------------------------------------------------------------------|----|----|-----|
| 9. Analysis Holding Time Met                                                                   |    |    | ✓   |
| If not met, list those compounds and their recoveries which fall outside the acceptable range. |    |    |     |

**ADDITIONAL COMMENTS:**

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

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

\_\_\_\_\_  
Date

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3321

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: 10/17/2025

## LAB CHRONICLE

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| <b>OrderID:</b> Q3321                 | <b>OrderDate:</b> 10/9/2025 10:30:00 AM |
| <b>Client:</b> Weston Solutions, Inc. | <b>Project:</b> RFP 918                 |
| <b>Contact:</b> Smita Sumbaly         | <b>Location:</b> D41,VOA Ref. #2 Soil   |

| LabID      | ClientID     | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|------------|--------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q3321-01   | P001-DS-01   | SOIL   | PCB            | 8082A  | 10/08/25    | 10/10/25  | 10/10/25  | 10/09/25 |
|            |              |        | Pesticide-TCL  | 8081B  |             | 10/10/25  | 10/10/25  |          |
| Q3321-02   | P001-DS-01   | TCLP   | TCLP Herbicide | 8151A  | 10/08/25    | 10/14/25  | 10/14/25  | 10/09/25 |
|            |              |        | TCLP Pesticide | 8081B  |             | 10/14/25  | 10/14/25  |          |
| Q3321-02RE | P001-DS-01RE | TCLP   | TCLP Herbicide | 8151A  | 10/08/25    | 10/14/25  | 10/16/25  | 10/09/25 |

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

**SDG No.:** Q3321

**Order ID:** Q3321

**Client:** Weston Solutions, Inc.

**Project ID:** RFP 918

| Sample ID                     | Client ID  | Matrix | Parameter    | Concentration  | C    | MDL | RDL  | Units |
|-------------------------------|------------|--------|--------------|----------------|------|-----|------|-------|
| <b>Client ID : P001-DS-01</b> |            |        |              |                |      |     |      |       |
| Q3321-01                      | P001-DS-01 | SOIL   | Aroclor-1254 | 59.7           | 4.10 |     | 21.7 | ug/kg |
| Q3321-01                      | P001-DS-01 | SOIL   | Aroclor-1260 | 41.1           | 4.10 |     | 21.7 | ug/kg |
| <b>Total Concentration:</b>   |            |        |              | <b>100.800</b> |      |     |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: Q3321

Client: Weston Solutions, Inc.

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PP075246.D | PIBLK-PP075246.D | Tetrachloro-m-xyl | 1      | 20    | 19.9   | 100         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 19.4   | 97          |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 17.9   | 90          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.0   | 100         |      | 60        | 140  |
| I.BLK-PP075708.D | PIBLK-PP075708.D | Tetrachloro-m-xyl | 1      | 20    | 20.1   | 100         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.8   | 104         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 16.4   | 82          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.6   | 103         |      | 60        | 140  |
| PB170053BL       | PB170053BL       | Tetrachloro-m-xyl | 1      | 20    | 24.7   | 123         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 24.5   | 123         |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 23.4   | 117         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 25.3   | 126         |      | 32        | 175  |
| Q3310-02MS       | SS-01-1-2MS      | Tetrachloro-m-xyl | 1      | 20    | 20.8   | 104         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 16.8   | 84          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 97          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 14.9   | 75          |      | 32        | 175  |
| Q3310-02MSD      | SS-01-1-2MSD     | Tetrachloro-m-xyl | 1      | 20    | 20.6   | 103         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.0   | 85          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.8   | 99          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.1   | 81          |      | 32        | 175  |
| I.BLK-PP075723.D | PIBLK-PP075723.D | Tetrachloro-m-xyl | 1      | 20    | 19.9   | 100         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.3   | 101         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.7   | 94          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.8   | 104         |      | 60        | 140  |
| Q3321-01         | P001-DS-01       | Tetrachloro-m-xyl | 1      | 20    | 20.7   | 104         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 16.4   | 82          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.3   | 107         |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.6   | 98          |      | 32        | 175  |
| I.BLK-PP075730.D | PIBLK-PP075730.D | Tetrachloro-m-xyl | 1      | 20    | 20.5   | 102         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.6   | 103         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.7   | 93          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.5   | 108         |      | 60        | 140  |
| I.BLK-PP075790.D | PIBLK-PP075790.D | Tetrachloro-m-xyl | 1      | 20    | 21.9   | 110         |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 21.0   | 105         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 16.4   | 82          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 22.1   | 110         |      | 60        | 140  |
| PB170053BS       | PB170053BS       | Tetrachloro-m-xyl | 1      | 20    | 15.9   | 80          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 14.5   | 73          |      | 32        | 175  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 12.7   | 64          |      | 32        | 144  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 14.8   | 74          |      | 32        | 175  |
| I.BLK-PP075805.D | PIBLK-PP075805.D | Tetrachloro-m-xyl | 1      | 20    | 21.2   | 106         |      | 60        | 140  |

### Surrogate Summary

SDG No.: Q3321

Client: Weston Solutions, Inc.

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PP075805.D | PIBLK-PP075805.D | Decachlorobiphen  | 1      | 20    | 20.1   | 101         |      | 60        | 140  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.2   | 91          |      | 60        | 140  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.2   | 106         |      | 60        | 140  |



### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                               |                           |                   |
|-----------------|-------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3321</u>                  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Weston Solutions, Inc.</u> | <b>DataFile :</b>         | <u>PP075716.D</u> |

|                       | Parameter                    | Spike                    | Sample Result      | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------|------------------------------|--------------------------|--------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID:</b> | <b>Q3310-02MS (Column 1)</b> | <b>Client Sample ID:</b> | <b>SS-01-1-2MS</b> |        |       |     |          |     |          |     |             |     |
|                       | AR1016                       | 229.9                    | 0                  | 286    | ug/kg | 124 |          |     |          | 55  | 146         |     |
|                       | AR1260                       | 229.9                    | 75.8               | 261    | ug/kg | 81  |          |     |          | 54  | 119         |     |
| <b>Lab Sample ID:</b> | <b>Q3310-02MS (Column 2)</b> | <b>Client Sample ID:</b> | <b>SS-01-1-2MS</b> |        |       |     |          |     |          |     |             |     |
|                       | AR1016                       | 229.9                    | 0                  | 265    | ug/kg | 115 |          |     |          | 55  | 146         |     |
|                       | AR1260                       | 229.9                    | 31.5               | 222    | ug/kg | 97  |          |     |          | 54  | 119         |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                               |                           |                   |
|-----------------|-------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3321</u>                  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Weston Solutions, Inc.</u> | <b>DataFile :</b>         | <u>PP075717.D</u> |

|                       |                    | Sample                   |                     |       |     | Rec  |     | RPD  |     | Limits |     |
|-----------------------|--------------------|--------------------------|---------------------|-------|-----|------|-----|------|-----|--------|-----|
| Parameter             | Spike              | Result                   | Result              | Units | Rec | Qual | RPD | Qual | Low | High   | RPD |
| <b>Lab Sample ID:</b> | <b>Q3310-02MSD</b> | <b>Client Sample ID:</b> | <b>SS-01-1-2MSD</b> |       |     |      |     |      |     |        |     |
| (Column 1)            |                    |                          |                     |       |     |      |     |      |     |        |     |
| AR1016                | 229.8              | 0                        | 303                 | ug/kg | 132 |      | 6   |      | 55  | 146    | 15  |
| AR1260                | 229.8              | 75.8                     | 320                 | ug/kg | 106 |      | 27  | *    | 54  | 119    | 15  |
| <b>Lab Sample ID:</b> | <b>Q3310-02MSD</b> | <b>Client Sample ID:</b> | <b>SS-01-1-2MSD</b> |       |     |      |     |      |     |        |     |
| (Column 2)            |                    |                          |                     |       |     |      |     |      |     |        |     |
| AR1016                | 229.8              | 0                        | 275                 | ug/kg | 120 |      | 4   |      | 55  | 146    | 15  |
| AR1260                | 229.8              | 31.5                     | 260                 | ug/kg | 113 |      | 15  | *    | 54  | 119    | 15  |



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

**SW-846**

|                 |                               |                           |                   |
|-----------------|-------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3321</u>                  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Weston Solutions, Inc.</u> | <b>Datafile :</b>         | <u>PP075791.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB170053BS<br>(Column 1) | AR1016    | 166.6 | 130    | ug/kg | 78  |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.6 | 127    | ug/kg | 76  |     |      |      | 65  | 130    |     |
| PB170053BS<br>(Column 2) | AR1016    | 166.6 | 121    | ug/kg | 73  |     |      |      | 71  | 120    |     |
|                          | AR1260    | 166.6 | 110    | ug/kg | 66  |     |      |      | 65  | 130    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170053BL

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab Sample ID: PB170053BL

Lab File ID: PP075711.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/10/2025

Date Analyzed (1): 10/10/2025

Date Analyzed (2): 10/10/2025

Time Analyzed (1): 12:42

Time Analyzed (2): 12:42

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| SS-01-1-2MS       | Q3310-02MS       | PP075716.D     | 10/10/2025         | 10/10/2025         |
| SS-01-1-2MSD      | Q3310-02MSD      | PP075717.D     | 10/10/2025         | 10/10/2025         |
| P001-DS-01        | Q3321-01         | PP075724.D     | 10/10/2025         | 10/10/2025         |
| PB170053BS        | PB170053BS       | PP075791.D     | 10/15/2025         | 10/15/2025         |

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



# SAMPLE DATA



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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## Report of Analysis

|                    |                        |            |                 |          |
|--------------------|------------------------|------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/08/25 |
| Project:           | RFP 918                |            | Date Received:  | 10/09/25 |
| Client Sample ID:  | P001-DS-01             |            | SDG No.:        | Q3321    |
| Lab Sample ID:     | Q3321-01               |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                  |            | % Solid:        | 78.4     |
| Sample Wt/Vol:     | 30.03 g                | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                | Prep Date  | 10/10/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 5.00  | U    | 1  | 5.00     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 11104-28-2        | Aroclor-1221         | 5.10  | U    | 1  | 5.10     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 11141-16-5        | Aroclor-1232         | 4.70  | U    | 1  | 4.70     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 53469-21-9        | Aroclor-1242         | 5.10  | U    | 1  | 5.10     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 12672-29-6        | Aroclor-1248         | 7.50  | U    | 1  | 7.50     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 11097-69-1        | Aroclor-1254         | 59.7  |      | 1  | 4.10     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 37324-23-5        | Aroclor-1262         | 6.40  | U    | 1  | 6.40     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 11100-14-4        | Aroclor-1268         | 4.60  | U    | 1  | 4.60     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| 11096-82-5        | Aroclor-1260         | 41.1  |      | 1  | 4.10     | 21.7       | ug/kg   | 10/10/25 17:18 | PB170053 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 21.3  |      |    | 32 - 144 | 107%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.6  |      |    | 32 - 175 | 98%        | 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\_P\Data\PP101025\  
 Data File : PP075724.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 17:18  
 Operator : YP\AJ  
 Sample : Q3321-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 P001-DS-01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 13 03:50:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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... | 4.649  | 3.790 | 27125363 | 130.0E6  | 20.730   | 21.309   |
| 2)                          | SA Decachlor... | 10.421 | 8.787 | 16344143 | 118.0E6  | 16.384   | 19.552   |
| Target Compounds            |                 |        |       |          |          |          |          |
| 26)                         | L6 AR-1254-1    | 6.646  | 5.664 | 7520662  | 49255125 | 117.101m | 98.747m  |
| 27)                         | L6 AR-1254-2    | 6.863  | 5.813 | 10777209 | 46507595 | 125.413m | 116.507  |
| 28)                         | L6 AR-1254-3    | 7.226  | 6.214 | 14234342 | 90129170 | 154.014  | 135.589m |
| 29)                         | L6 AR-1254-4    | 7.508  | 6.441 | 7451846  | 57131996 | 104.442  | 115.734  |
| 30)                         | L6 AR-1254-5    | 7.923  | 6.856 | 16554574 | 91958093 | 202.361  | 161.134  |
| 31)                         | L7 AR-1260-1    | 7.390  | 6.347 | 7363390  | 45986148 | 122.479  | 113.284  |
| 32)                         | L7 AR-1260-2    | 7.642  | 6.531 | 8287584  | 57965159 | 113.844  | 100.664  |
| 33)                         | L7 AR-1260-3    | 7.999  | 6.682 | 3312761  | 27921950 | 61.183   | 65.225   |
| 34)                         | L7 AR-1260-4    | 8.213  | 7.152 | 7166902  | 9298703  | 126.764  | 21.564 # |
| 35)                         | L7 AR-1260-5    | 8.554  | 7.391 | 6594907  | 40978558 | 60.058   | 38.953 # |
| -----                       |                 |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075724.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 17:18  
Operator : YP\AJ  
Sample : Q3321-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

P001-DS-01

## Manual Integrations

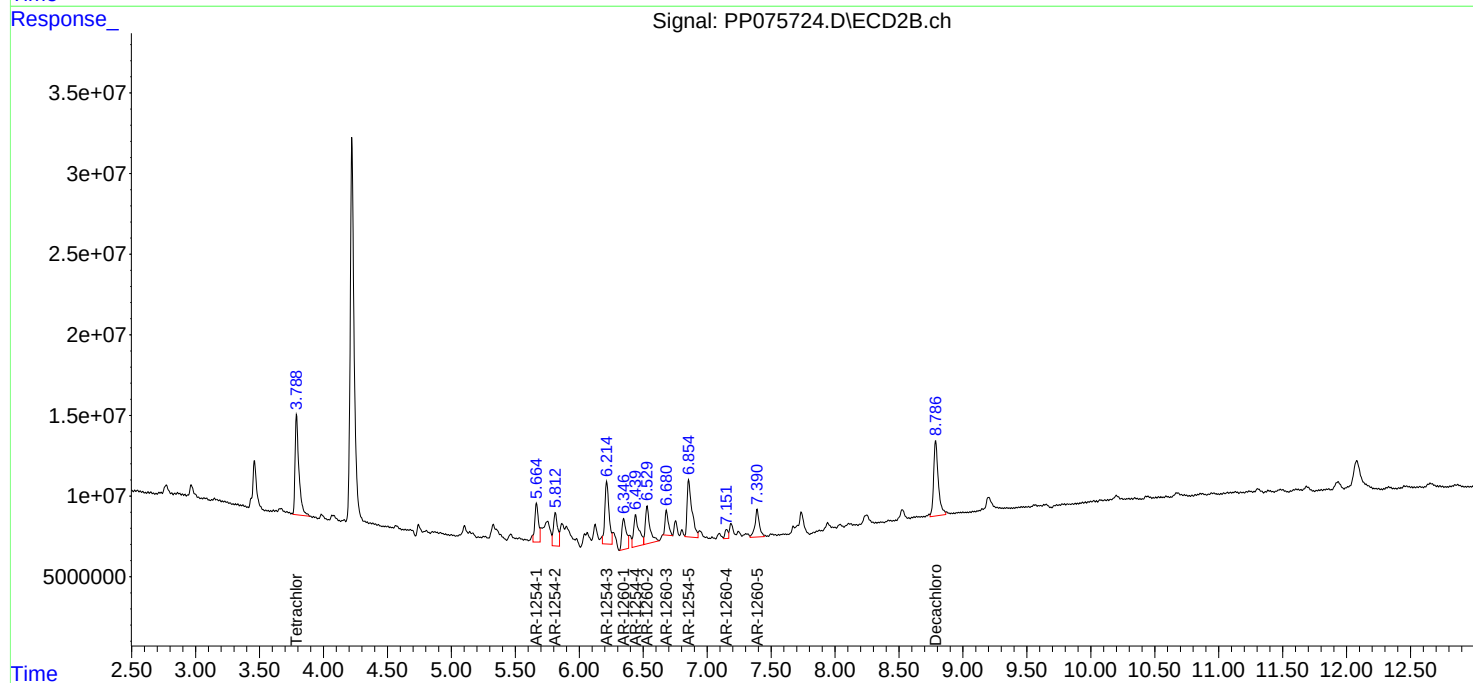
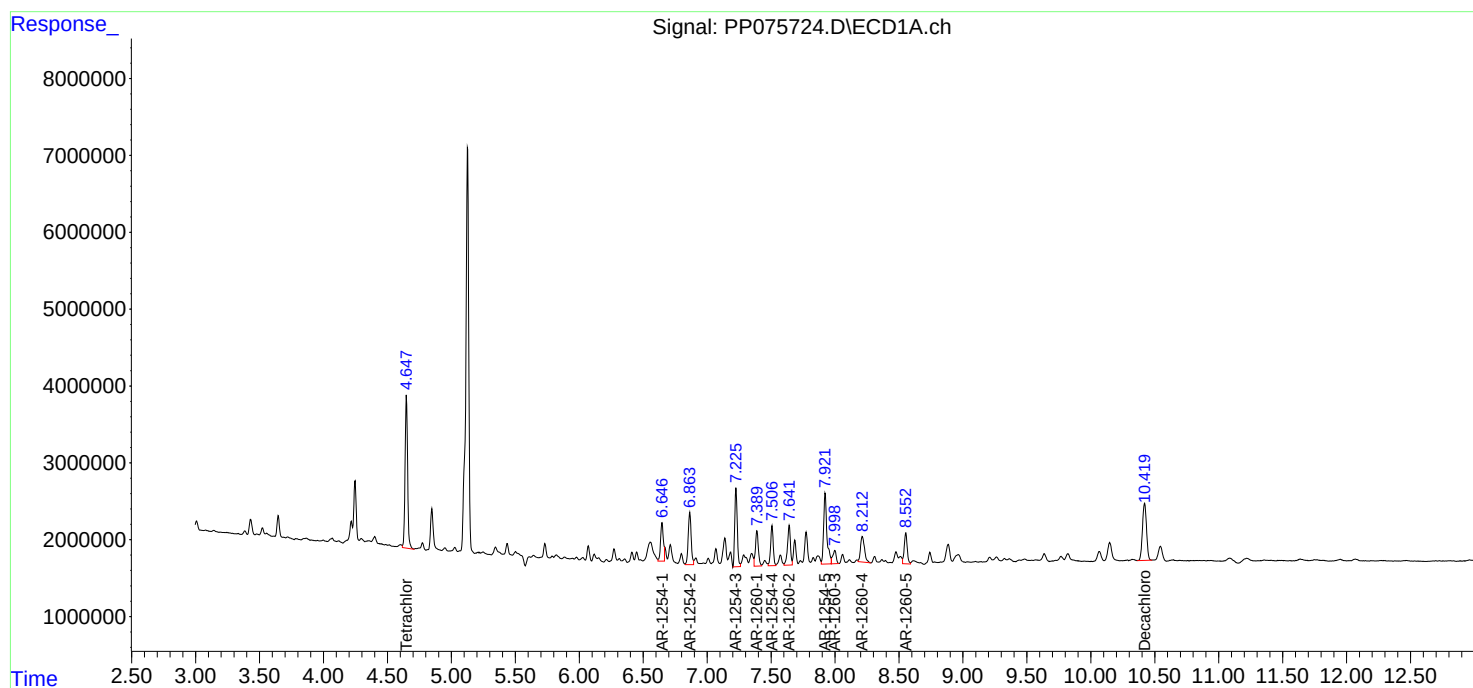
## APPROVED

Reviewed By :Yogesh Patel 10/14/2025

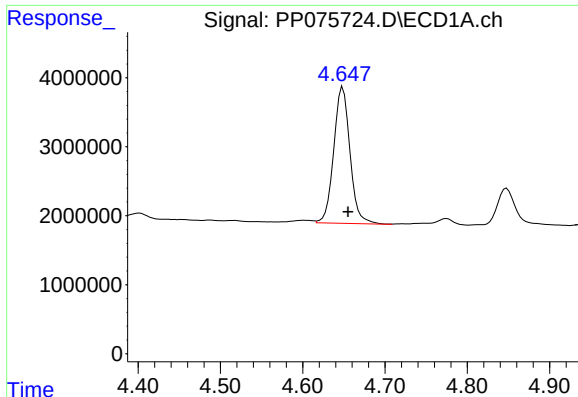
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 13 03:50:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







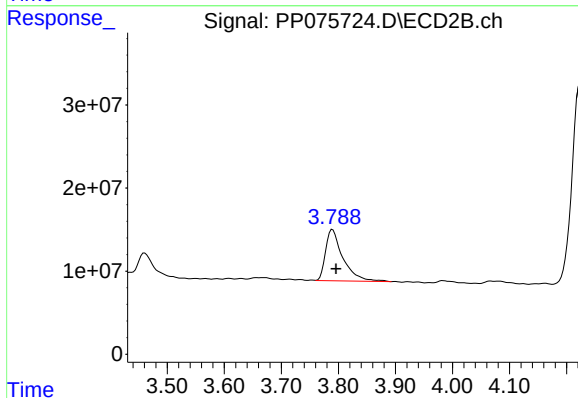
## #1 Tetrachloro-m-xylene

R.T.: 4.649 min  
Delta R.T.: -0.006 min  
Response: 27125363  
Conc: 20.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

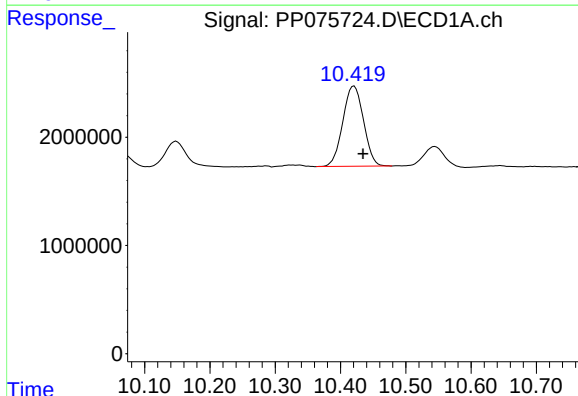
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



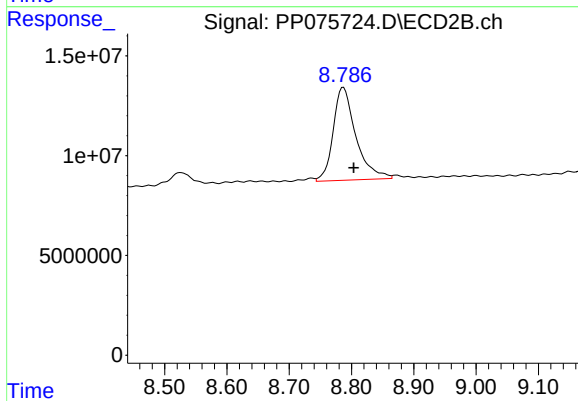
## #1 Tetrachloro-m-xylene

R.T.: 3.790 min  
Delta R.T.: -0.006 min  
Response: 130002443  
Conc: 21.31 ng/ml



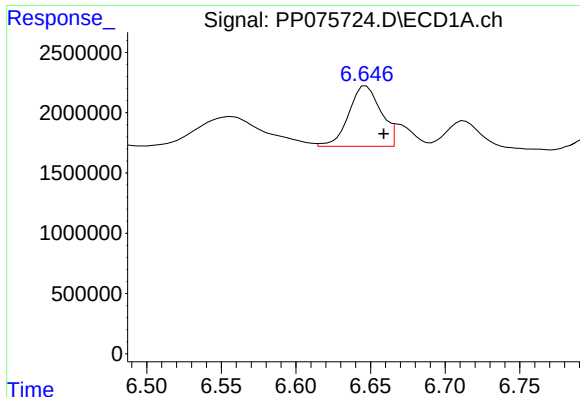
## #2 Decachlorobiphenyl

R.T.: 10.421 min  
Delta R.T.: -0.014 min  
Response: 16344143  
Conc: 16.38 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.787 min  
Delta R.T.: -0.017 min  
Response: 117950461  
Conc: 19.55 ng/ml



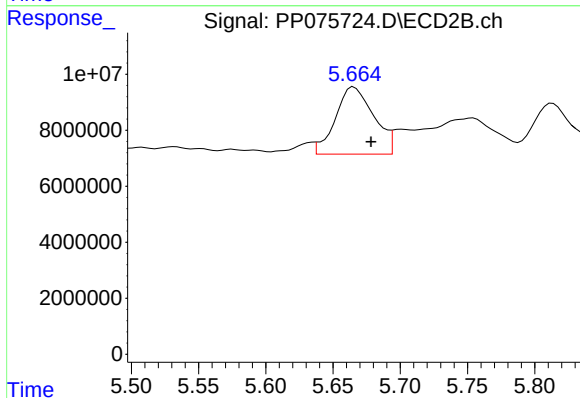
#26 AR-1254-1

R.T.: 6.646 min  
Delta R.T.: -0.013 min  
Response: 7520662  
Conc: 117.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

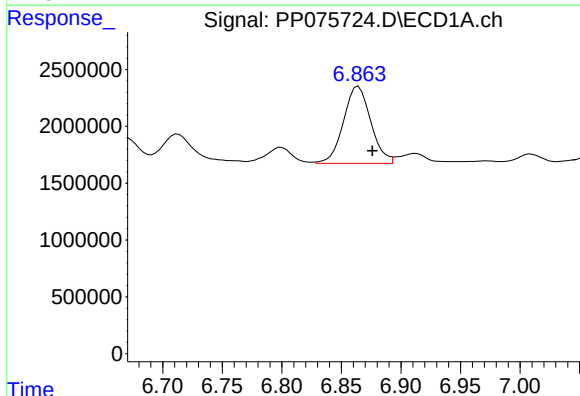
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



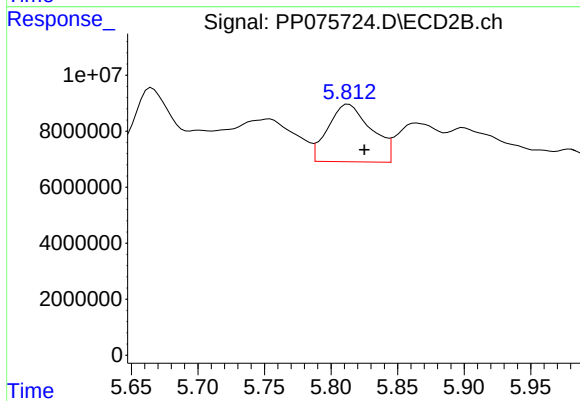
#26 AR-1254-1

R.T.: 5.664 min  
Delta R.T.: -0.014 min  
Response: 49255125  
Conc: 98.75 ng/ml m



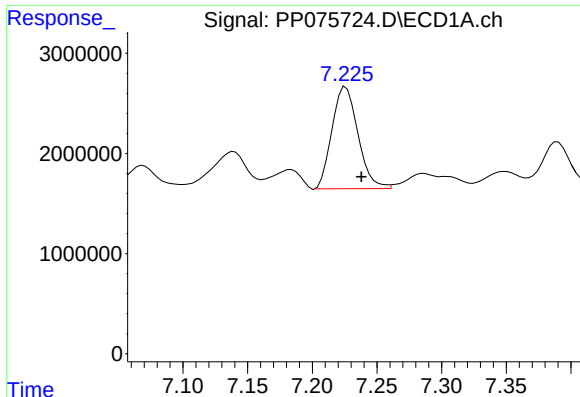
#27 AR-1254-2

R.T.: 6.863 min  
Delta R.T.: -0.013 min  
Response: 10777209  
Conc: 125.41 ng/ml m



#27 AR-1254-2

R.T.: 5.813 min  
Delta R.T.: -0.012 min  
Response: 46507595  
Conc: 116.51 ng/ml



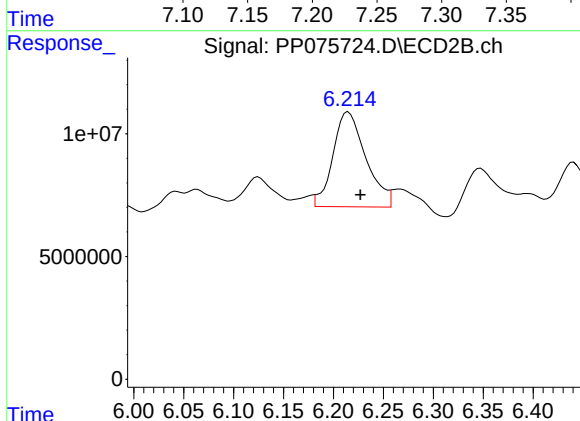
#28 AR-1254-3

R.T.: 7.226 min  
Delta R.T.: -0.012 min  
Response: 14234342  
Conc: 154.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

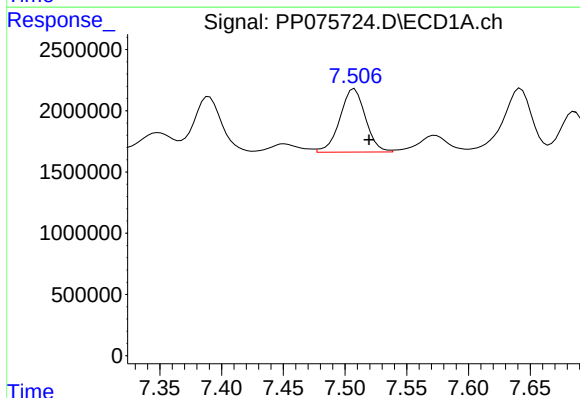
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



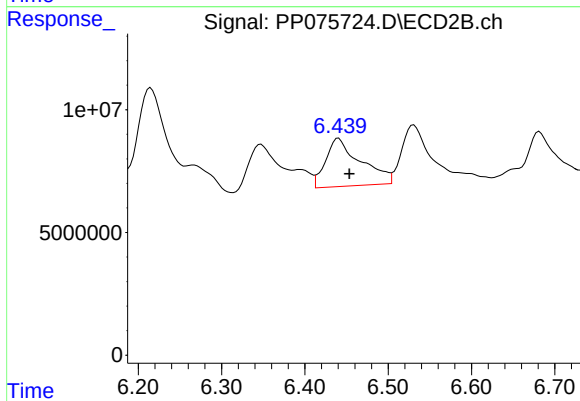
#28 AR-1254-3

R.T.: 6.214 min  
Delta R.T.: -0.013 min  
Response: 90129170  
Conc: 135.59 ng/ml m



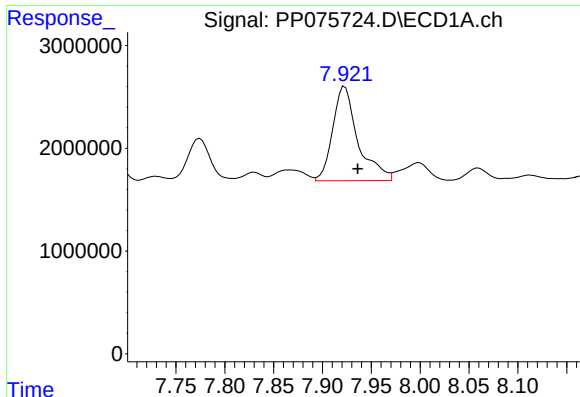
#29 AR-1254-4

R.T.: 7.508 min  
Delta R.T.: -0.012 min  
Response: 7451846  
Conc: 104.44 ng/ml



#29 AR-1254-4

R.T.: 6.441 min  
Delta R.T.: -0.013 min  
Response: 57131996  
Conc: 115.73 ng/ml



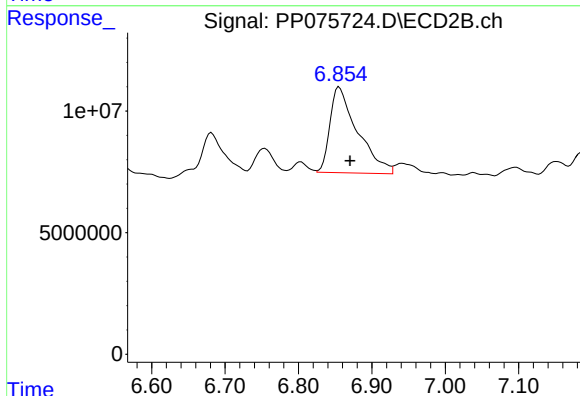
#30 AR-1254-5

R.T.: 7.923 min  
Delta R.T.: -0.013 min  
Response: 16554574  
Conc: 202.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

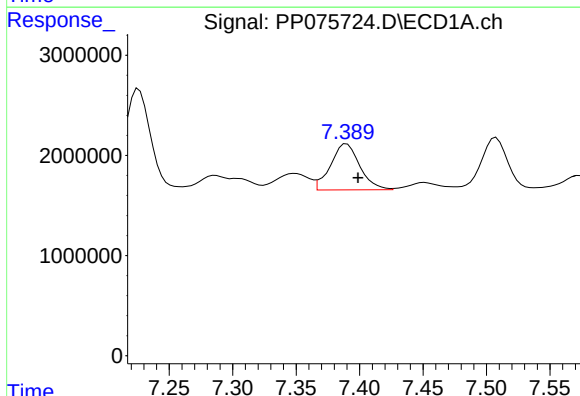
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



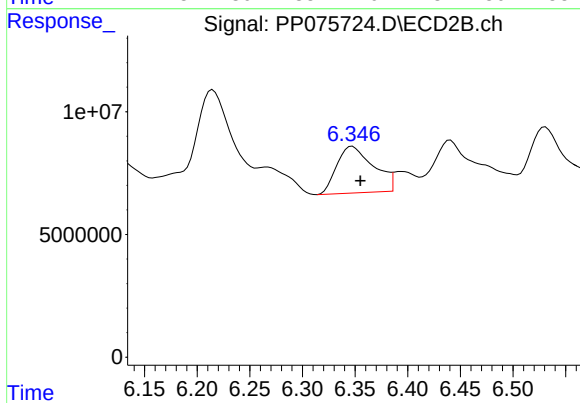
#30 AR-1254-5

R.T.: 6.856 min  
Delta R.T.: -0.015 min  
Response: 91958093  
Conc: 161.13 ng/ml



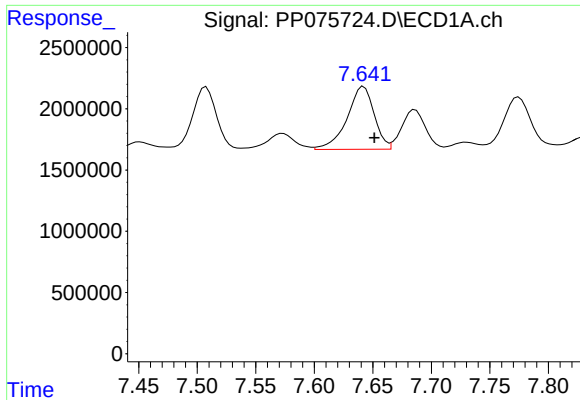
#31 AR-1260-1

R.T.: 7.390 min  
Delta R.T.: -0.009 min  
Response: 7363390  
Conc: 122.48 ng/ml



#31 AR-1260-1

R.T.: 6.347 min  
Delta R.T.: -0.008 min  
Response: 45986148  
Conc: 113.28 ng/ml



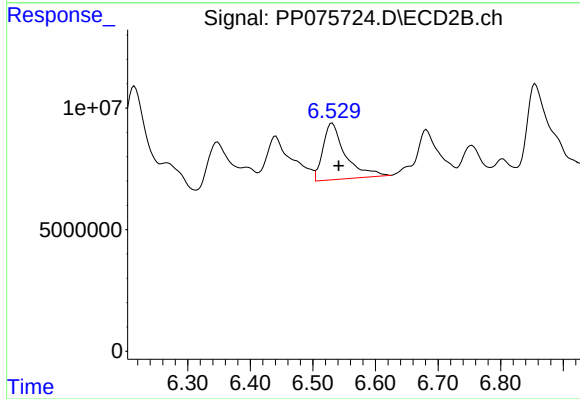
#32 AR-1260-2

R.T.: 7.642 min  
Delta R.T.: -0.009 min  
Response: 8287584  
Conc: 113.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

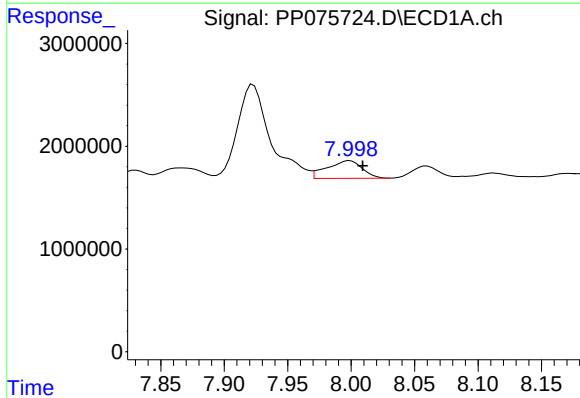
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



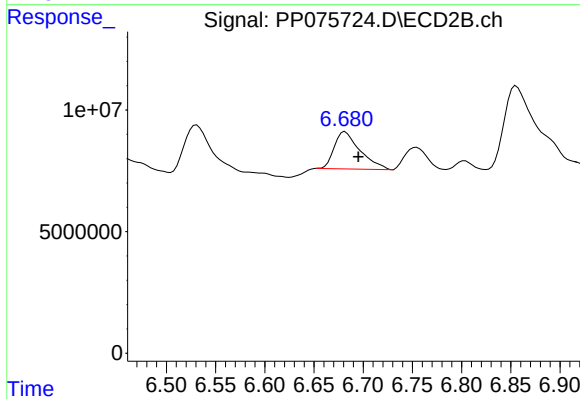
#32 AR-1260-2

R.T.: 6.531 min  
Delta R.T.: -0.010 min  
Response: 57965159  
Conc: 100.66 ng/ml



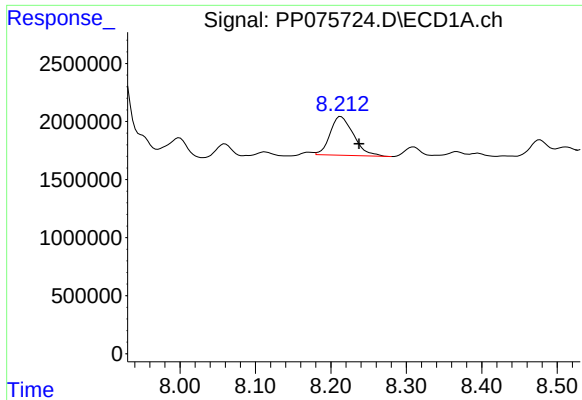
#33 AR-1260-3

R.T.: 7.999 min  
Delta R.T.: -0.010 min  
Response: 3312761  
Conc: 61.18 ng/ml



#33 AR-1260-3

R.T.: 6.682 min  
Delta R.T.: -0.014 min  
Response: 27921950  
Conc: 65.23 ng/ml



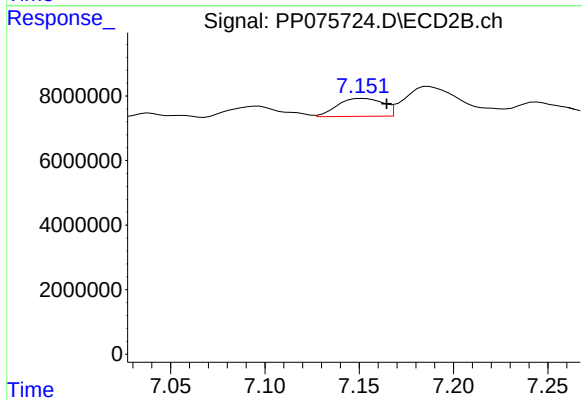
#34 AR-1260-4

R.T.: 8.213 min  
Delta R.T.: -0.024 min  
Response: 7166902  
Conc: 126.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
P001-DS-01

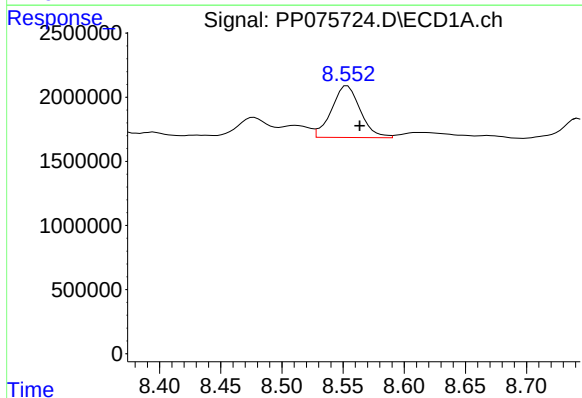
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/14/2025  
Supervised By :mohammad ahmed 10/15/2025



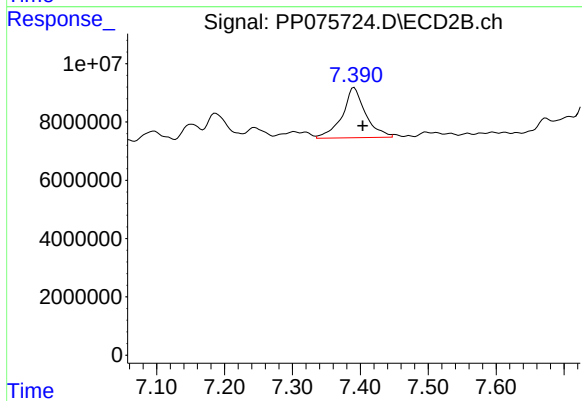
#34 AR-1260-4

R.T.: 7.152 min  
Delta R.T.: -0.013 min  
Response: 9298703  
Conc: 21.56 ng/ml



#35 AR-1260-5

R.T.: 8.554 min  
Delta R.T.: -0.010 min  
Response: 6594907  
Conc: 60.06 ng/ml



#35 AR-1260-5

R.T.: 7.391 min  
Delta R.T.: -0.013 min  
Response: 40978558  
Conc: 38.95 ng/ml



# CALIBRATION SUMMARY

## RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>ROYF02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q3321</u>                        |
| <b>Instrument ID:</b> | <u>ECD_P</u>    | <b>Calibration Date(s):</b> | <u>09/23/2025</u> <u>09/23/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>08:45</u> <u>17:14</u>           |

 GC Column: ZB-MR1      ID: 0.32 (mm)

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PP075247.D</u> | <b>RT 750 =</b> <u>PP075248.D</u> |
| <b>RT 500 =</b> <u>PP075249.D</u> | <b>RT 250 =</b> <u>PP075250.D</u>  | <b>RT 050 =</b> <u>PP075251.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.81    | 5.81   | 5.81   | 5.81   | 5.82   | 5.81       | 5.71      | 5.91  |
| Aroclor-1016-2       | (2) | 5.83    | 5.83   | 5.83   | 5.83   | 5.84   | 5.83       | 5.73      | 5.93  |
| Aroclor-1016-3       | (3) | 5.89    | 5.90   | 5.89   | 5.89   | 5.90   | 5.89       | 5.79      | 5.99  |
| Aroclor-1016-4       | (4) | 5.99    | 5.99   | 5.99   | 5.99   | 6.00   | 5.99       | 5.89      | 6.09  |
| Aroclor-1016-5       | (5) | 6.28    | 6.29   | 6.28   | 6.28   | 6.29   | 6.28       | 6.18      | 6.38  |
| Aroclor-1260-1       | (1) | 7.40    | 7.40   | 7.40   | 7.40   | 7.41   | 7.40       | 7.30      | 7.50  |
| Aroclor-1260-2       | (2) | 7.65    | 7.66   | 7.65   | 7.65   | 7.66   | 7.65       | 7.55      | 7.75  |
| Aroclor-1260-3       | (3) | 8.01    | 8.01   | 8.01   | 8.01   | 8.02   | 8.01       | 7.91      | 8.11  |
| Aroclor-1260-4       | (4) | 8.24    | 8.24   | 8.24   | 8.24   | 8.25   | 8.24       | 8.14      | 8.34  |
| Aroclor-1260-5       | (5) | 8.56    | 8.57   | 8.56   | 8.56   | 8.57   | 8.57       | 8.47      | 8.67  |
| Decachlorobiphenyl   |     | 10.43   | 10.44  | 10.43  | 10.43  | 10.45  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.65    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1242-1       | (1) | 5.81    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91  |
| Aroclor-1242-2       | (2) | 5.83    | 5.83   | 5.83   | 5.83   | 5.83   | 5.83       | 5.73      | 5.93  |
| Aroclor-1242-3       | (3) | 5.90    | 5.89   | 5.90   | 5.90   | 5.90   | 5.90       | 5.80      | 6.00  |
| Aroclor-1242-4       | (4) | 5.99    | 5.99   | 5.99   | 5.99   | 5.99   | 5.99       | 5.89      | 6.09  |
| Aroclor-1242-5       | (5) | 6.72    | 6.72   | 6.72   | 6.72   | 6.72   | 6.72       | 6.62      | 6.82  |
| Decachlorobiphenyl   |     | 10.44   | 10.44  | 10.44  | 10.44  | 10.44  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1248-1       | (1) | 5.81    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91  |
| Aroclor-1248-2       | (2) | 6.08    | 6.08   | 6.08   | 6.08   | 6.08   | 6.08       | 5.98      | 6.18  |
| Aroclor-1248-3       | (3) | 6.28    | 6.28   | 6.29   | 6.28   | 6.28   | 6.28       | 6.18      | 6.38  |
| Aroclor-1248-4       | (4) | 6.68    | 6.68   | 6.68   | 6.68   | 6.68   | 6.68       | 6.58      | 6.78  |
| Aroclor-1248-5       | (5) | 6.72    | 6.72   | 6.72   | 6.72   | 6.72   | 6.72       | 6.62      | 6.82  |
| Decachlorobiphenyl   |     | 10.43   | 10.44  | 10.44  | 10.44  | 10.44  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1254-1       | (1) | 6.66    | 6.66   | 6.66   | 6.66   | 6.66   | 6.66       | 6.56      | 6.76  |
| Aroclor-1254-2       | (2) | 6.88    | 6.87   | 6.88   | 6.88   | 6.87   | 6.87       | 6.77      | 6.97  |
| Aroclor-1254-3       | (3) | 7.24    | 7.24   | 7.24   | 7.24   | 7.23   | 7.24       | 7.14      | 7.34  |
| Aroclor-1254-4       | (4) | 7.52    | 7.52   | 7.52   | 7.52   | 7.52   | 7.52       | 7.42      | 7.62  |
| Aroclor-1254-5       | (5) | 7.94    | 7.93   | 7.94   | 7.94   | 7.93   | 7.93       | 7.83      | 8.03  |
| Decachlorobiphenyl   |     | 10.44   | 10.44  | 10.44  | 10.44  | 10.43  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1268-1       | (1) | 8.89    | 8.89   | 8.89   | 8.89   | 8.89   | 8.89       | 8.79      | 8.99  |
| Aroclor-1268-2       | (2) | 8.99    | 8.99   | 8.99   | 8.98   | 8.98   | 8.99       | 8.89      | 9.09  |
| Aroclor-1268-3       | (3) | 9.23    | 9.23   | 9.23   | 9.23   | 9.22   | 9.23       | 9.13      | 9.33  |
| Aroclor-1268-4       | (4) | 9.66    | 9.66   | 9.66   | 9.65   | 9.65   | 9.65       | 9.55      | 9.75  |
| Aroclor-1268-5       | (5) | 10.09   | 10.09  | 10.09  | 10.09  | 10.08  | 10.09      | 9.99      | 10.19 |



[illegible]

## RETENTION TIMES OF INITIAL CALIBRATION

|                       |                 |                             |                                     |
|-----------------------|-----------------|-----------------------------|-------------------------------------|
| <b>Lab Name:</b>      | <u>Alliance</u> | <b>Contract:</b>            | <u>ROYF02</u>                       |
| <b>Lab Code:</b>      | <u>ACE</u>      | <b>SDG NO.:</b>             | <u>Q3321</u>                        |
| <b>Instrument ID:</b> | <u>ECD_P</u>    | <b>Calibration Date(s):</b> | <u>09/23/2025</u> <u>09/23/2025</u> |
|                       |                 | <b>Calibration Times:</b>   | <u>08:45</u> <u>17:14</u>           |

 GC Column: ZB-MR2      ID: 0.32 (mm)

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PP075247.D</u> | <b>RT 750 =</b> <u>PP075248.D</u> |
| <b>RT 500 =</b> <u>PP075249.D</u> | <b>RT 250 =</b> <u>PP075250.D</u>  | <b>RT 050 =</b> <u>PP075251.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.90    | 4.89   | 4.89   | 4.89   | 4.90   | 4.90       | 4.80      | 5.00 |
| Aroclor-1016-2       | (2) | 4.95    | 4.95   | 4.95   | 4.95   | 4.95   | 4.95       | 4.85      | 5.05 |
| Aroclor-1016-3       | (3) | 5.07    | 5.07   | 5.07   | 5.07   | 5.07   | 5.07       | 4.97      | 5.17 |
| Aroclor-1016-4       | (4) | 5.11    | 5.11   | 5.11   | 5.11   | 5.12   | 5.11       | 5.01      | 5.21 |
| Aroclor-1016-5       | (5) | 5.33    | 5.33   | 5.33   | 5.33   | 5.33   | 5.33       | 5.23      | 5.43 |
| Aroclor-1260-1       | (1) | 6.36    | 6.36   | 6.36   | 6.35   | 6.36   | 6.36       | 6.26      | 6.46 |
| Aroclor-1260-2       | (2) | 6.54    | 6.54   | 6.54   | 6.54   | 6.55   | 6.54       | 6.44      | 6.64 |
| Aroclor-1260-3       | (3) | 6.70    | 6.70   | 6.70   | 6.70   | 6.70   | 6.70       | 6.60      | 6.80 |
| Aroclor-1260-4       | (4) | 7.17    | 7.17   | 7.17   | 7.16   | 7.17   | 7.17       | 7.07      | 7.27 |
| Aroclor-1260-5       | (5) | 7.41    | 7.40   | 7.40   | 7.40   | 7.41   | 7.41       | 7.31      | 7.51 |
| Decachlorobiphenyl   |     | 8.81    | 8.80   | 8.80   | 8.80   | 8.81   | 8.81       | 8.71      | 8.91 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1242-1       | (1) | 4.90    | 4.90   | 4.90   | 4.89   | 4.89   | 4.90       | 4.80      | 5.00 |
| Aroclor-1242-2       | (2) | 4.95    | 4.96   | 4.95   | 4.95   | 4.95   | 4.95       | 4.85      | 5.05 |
| Aroclor-1242-3       | (3) | 5.07    | 5.07   | 5.07   | 5.07   | 5.08   | 5.07       | 4.97      | 5.17 |
| Aroclor-1242-4       | (4) | 5.16    | 5.16   | 5.16   | 5.15   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1242-5       | (5) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78 |
| Decachlorobiphenyl   |     | 8.81    | 8.81   | 8.81   | 8.81   | 8.80   | 8.81       | 8.71      | 8.91 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1248-1       | (1) | 4.89    | 4.90   | 4.89   | 4.90   | 4.90   | 4.90       | 4.80      | 5.00 |
| Aroclor-1248-2       | (2) | 5.11    | 5.12   | 5.11   | 5.12   | 5.11   | 5.11       | 5.01      | 5.21 |
| Aroclor-1248-3       | (3) | 5.15    | 5.16   | 5.15   | 5.16   | 5.15   | 5.16       | 5.06      | 5.26 |
| Aroclor-1248-4       | (4) | 5.33    | 5.33   | 5.33   | 5.33   | 5.33   | 5.33       | 5.23      | 5.43 |
| Aroclor-1248-5       | (5) | 5.72    | 5.72   | 5.71   | 5.72   | 5.73   | 5.72       | 5.62      | 5.82 |
| Decachlorobiphenyl   |     | 8.80    | 8.81   | 8.80   | 8.81   | 8.80   | 8.81       | 8.71      | 8.91 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1254-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78 |
| Aroclor-1254-2       | (2) | 5.83    | 5.83   | 5.83   | 5.83   | 5.83   | 5.83       | 5.73      | 5.93 |
| Aroclor-1254-3       | (3) | 6.23    | 6.23   | 6.23   | 6.23   | 6.23   | 6.23       | 6.13      | 6.33 |
| Aroclor-1254-4       | (4) | 6.45    | 6.45   | 6.46   | 6.45   | 6.45   | 6.45       | 6.35      | 6.55 |
| Aroclor-1254-5       | (5) | 6.87    | 6.87   | 6.87   | 6.87   | 6.87   | 6.87       | 6.77      | 6.97 |
| Decachlorobiphenyl   |     | 8.81    | 8.81   | 8.81   | 8.81   | 8.81   | 8.81       | 8.71      | 8.91 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1268-1       | (1) | 7.69    | 7.69   | 7.69   | 7.69   | 7.69   | 7.69       | 7.59      | 7.79 |
| Aroclor-1268-2       | (2) | 7.75    | 7.75   | 7.75   | 7.75   | 7.75   | 7.75       | 7.65      | 7.85 |
| Aroclor-1268-3       | (3) | 7.96    | 7.96   | 7.96   | 7.96   | 7.96   | 7.96       | 7.86      | 8.06 |
| Aroclor-1268-4       | (4) | 8.25    | 8.25   | 8.25   | 8.25   | 8.25   | 8.25       | 8.15      | 8.35 |
| Aroclor-1268-5       | (5) | 8.55    | 8.55   | 8.55   | 8.54   | 8.54   | 8.54       | 8.44      | 8.64 |

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_P

Contract: ROYF02  
SDG NO.: Q3321

Calibration Date(s): 09/23/2025 09/23/2025  
Calibration Times: 08:45 17:14

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

| LAB FILE ID:               |     | CF 1000 = <u>PP075247.D</u> |            | CF 750 = <u>PP075248.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP075249.D</u> |     | CF 250 = <u>PP075250.D</u>  |            | CF 050 = <u>PP075251.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 42347817                    | 45007967   | 46870170                   | 50153844   | 56144100   | 48104780   |
| Aroclor-1016-2             | (2) | 64402738                    | 67720917   | 69660408                   | 74265036   | 82593880   | 71728596   |
| Aroclor-1016-3             | (3) | 39431965                    | 41872236   | 43807668                   | 47351972   | 60190040   | 46530776   |
| Aroclor-1016-4             | (4) | 32893250                    | 34833364   | 35556514                   | 38336304   | 36563880   | 35636662   |
| Aroclor-1016-5             | (5) | 31586228                    | 33455985   | 34268374                   | 37039376   | 32256580   | 33721309   |
| Aroclor-1260-1             | (1) | 52823399                    | 56388379   | 60551008                   | 64105520   | 66729180   | 60119497   |
| Aroclor-1260-2             | (2) | 63303692                    | 67485644   | 69648556                   | 75704048   | 87848060   | 72798000   |
| Aroclor-1260-3             | (3) | 48177125                    | 50964003   | 52841238                   | 56234364   | 62508960   | 54145138   |
| Aroclor-1260-4             | (4) | 52102929                    | 55158468   | 56921418                   | 59245152   | 59257840   | 56537161   |
| Aroclor-1260-5             | (5) | 102126116                   | 107524053  | 110369268                  | 115809508  | 113212520  | 109808293  |
| Decachlorobiphenyl         |     | 920246130                   | 962712813  | 986576680                  | 1032362440 | 1085842800 | 997548173  |
| Tetrachloro-m-xylene       |     | 1241637260                  | 1308534467 | 1312330580                 | 1382545720 | 1297359400 | 1308481485 |
| Aroclor-1242-1             | (1) | 36886529                    | 39218005   | 41223848                   | 44446876   | 46523260   | 41659704   |
| Aroclor-1242-2             | (2) | 55040068                    | 57977600   | 60249464                   | 64089044   | 60830740   | 59637383   |
| Aroclor-1242-3             | (3) | 34279044                    | 36622237   | 38652038                   | 41896284   | 50681480   | 40426217   |
| Aroclor-1242-4             | (4) | 28461551                    | 29972721   | 31322910                   | 33558448   | 33854640   | 31434054   |
| Aroclor-1242-5             | (5) | 31568865                    | 33442463   | 35656256                   | 39523980   | 35586800   | 35155673   |
| Decachlorobiphenyl         |     | 926627030                   | 968517160  | 1003394580                 | 1047152200 | 937997000  | 976737594  |
| Tetrachloro-m-xylene       |     | 1236238500                  | 1295575613 | 1320312660                 | 1382228640 | 1251655600 | 1297202203 |
| Aroclor-1248-1             | (1) | 29172565                    | 31397577   | 32249970                   | 33755340   | 31223340   | 31559758   |
| Aroclor-1248-2             | (2) | 39359802                    | 41783284   | 43459792                   | 45079104   | 47158200   | 43368036   |
| Aroclor-1248-3             | (3) | 44196144                    | 46704360   | 48478236                   | 50173996   | 49240700   | 47758687   |
| Aroclor-1248-4             | (4) | 53562132                    | 56623921   | 59266248                   | 61341900   | 64765060   | 59111852   |
| Aroclor-1248-5             | (5) | 51867384                    | 54812452   | 57671502                   | 61547912   | 69597980   | 59099446   |
| Decachlorobiphenyl         |     | 936214370                   | 980173387  | 1009425800                 | 1018487400 | 982414600  | 985343111  |
| Tetrachloro-m-xylene       |     | 1235222620                  | 1285172653 | 1318552840                 | 1328682760 | 1313272800 | 1296180735 |
| Aroclor-1254-1             | (1) | 61475917                    | 62734304   | 65986682                   | 62998532   | 67924500   | 64223987   |
| Aroclor-1254-2             | (2) | 77552440                    | 82328021   | 86739650                   | 88146820   | 94902000   | 85933786   |
| Aroclor-1254-3             | (3) | 82845377                    | 87949261   | 92224268                   | 94074964   | 105017660  | 92422306   |
| Aroclor-1254-4             | (4) | 64880438                    | 68693089   | 72666206                   | 72469616   | 78036900   | 71349250   |
| Aroclor-1254-5             | (5) | 77310574                    | 81941501   | 85874638                   | 85948608   | 77961320   | 81807328   |
| Decachlorobiphenyl         |     | 940196120                   | 995283773  | 1040085460                 | 1002732880 | 956220600  | 986903767  |
| Tetrachloro-m-xylene       |     | 1243265480                  | 1304021133 | 1335815700                 | 1326930840 | 1339353000 | 1309877231 |
| Aroclor-1268-1             | (1) | 152883178                   | 159692704  | 169160672                  | 171922300  | 156133040  | 161958379  |



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#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 141133811  | 146979519  | 155825750  | 156513748  | 141348060  | 148360178  | 5 |
| Aroclor-1268-3       | (3) | 118887581  | 123478560  | 131058116  | 130049472  | 116969640  | 124088674  | 5 |
| Aroclor-1268-4       | (4) | 55874289   | 58464284   | 61978114   | 60989252   | 60829860   | 59627160   | 4 |
| Aroclor-1268-5       | (5) | 373677572  | 388367939  | 407123198  | 405183456  | 366620440  | 388194521  | 5 |
| Decachlorobiphenyl   |     | 1657406580 | 1735675800 | 1838831580 | 1851125440 | 1610932200 | 1738794320 | 6 |
| Tetrachloro-m-xylene |     | 1279137450 | 1334222493 | 1390576680 | 1375184440 | 1232599000 | 1322344013 | 5 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

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

**Contract:** ROYF02  
**SDG NO.:** Q3321  
**Calibration Date(s):** 09/23/2025 09/23/2025  
**Calibration Times:** 08:45 17:14

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

| LAB FILE ID: <u>PP075247.D</u> CF 1000 = <u>PP075247.D</u> CF 750 = <u>PP075248.D</u><br>CF 500 = <u>PP075249.D</u> CF 250 = <u>PP075250.D</u> CF 050 = <u>PP075251.D</u> |     |            |            |            |            |            |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|------------|------------|------------|------------|----------|
| COMPOUND                                                                                                                                                                  |     | CF 1000    | CF 750     | CF 500     | CF 250     | CF 050     | %<br>RSD |
| Aroclor-1016-1                                                                                                                                                            | (1) | 550669557  | 575041595  | 570968608  | 557638892  | 550748680  | 2        |
| Aroclor-1016-2                                                                                                                                                            | (2) | 253692272  | 266987116  | 261503738  | 252594292  | 250233300  | 3        |
| Aroclor-1016-3                                                                                                                                                            | (3) | 139883237  | 146298759  | 147016140  | 140568364  | 202575320  | 17       |
| Aroclor-1016-4                                                                                                                                                            | (4) | 139175266  | 149989423  | 152767546  | 146969012  | 145938660  | 3        |
| Aroclor-1016-5                                                                                                                                                            | (5) | 157135257  | 166127832  | 167159970  | 171673236  | 154814600  | 4        |
| Aroclor-1260-1                                                                                                                                                            | (1) | 389924896  | 398807288  | 400126940  | 426602072  | 414215600  | 4        |
| Aroclor-1260-2                                                                                                                                                            | (2) | 565343775  | 583502056  | 582903442  | 580470456  | 566929720  | 2        |
| Aroclor-1260-3                                                                                                                                                            | (3) | 422351862  | 433041807  | 427033404  | 426203564  | 431794540  | 1        |
| Aroclor-1260-4                                                                                                                                                            | (4) | 428778820  | 432299260  | 434882920  | 423190072  | 436968900  | 1        |
| Aroclor-1260-5                                                                                                                                                            | (5) | 1056009939 | 1104491933 | 1106785704 | 1094138908 | 898515660  | 8        |
| Decachlorobiphenyl                                                                                                                                                        |     | 6122260390 | 6260409867 | 6205942400 | 6354732320 | 5219165200 | 8        |
| Tetrachloro-m-xylene                                                                                                                                                      |     | 6636388100 | 6400989987 | 6258078260 | 6278037480 | 4930931000 | 11       |
| Aroclor-1242-1                                                                                                                                                            | (1) | 472236904  | 485846165  | 486239260  | 487321948  | 403955360  | 8        |
| Aroclor-1242-2                                                                                                                                                            | (2) | 217510086  | 216447451  | 216513930  | 219383960  | 174933800  | 9        |
| Aroclor-1242-3                                                                                                                                                            | (3) | 123250580  | 122980740  | 121647250  | 125144732  | 116794760  | 3        |
| Aroclor-1242-4                                                                                                                                                            | (4) | 159270704  | 162580923  | 163635768  | 175639772  | 134330060  | 10       |
| Aroclor-1242-5                                                                                                                                                            | (5) | 192075351  | 196719551  | 194226854  | 201700156  | 188695940  | 3        |
| Decachlorobiphenyl                                                                                                                                                        |     | 6210283890 | 6223405693 | 6336701840 | 6098511680 | 5039253200 | 9        |
| Tetrachloro-m-xylene                                                                                                                                                      |     | 6371057840 | 6261042827 | 6076223420 | 6032393800 | 4834060000 | 10       |
| Aroclor-1248-1                                                                                                                                                            | (1) | 313001525  | 314287516  | 316712298  | 313219832  | 245110400  | 10       |
| Aroclor-1248-2                                                                                                                                                            | (2) | 194621063  | 204942157  | 200519274  | 206042640  | 206270120  | 2        |
| Aroclor-1248-3                                                                                                                                                            | (3) | 238833016  | 244338553  | 263622092  | 258775616  | 243161480  | 4        |
| Aroclor-1248-4                                                                                                                                                            | (4) | 233390044  | 236006324  | 231247510  | 230022068  | 233051700  | 1        |
| Aroclor-1248-5                                                                                                                                                            | (5) | 417516536  | 433645501  | 453462226  | 437040196  | 301192600  | 15       |
| Decachlorobiphenyl                                                                                                                                                        |     | 6280619880 | 6334319187 | 6392002300 | 6030990520 | 5377561400 | 7        |
| Tetrachloro-m-xylene                                                                                                                                                      |     | 6342135760 | 6351132560 | 6173502940 | 5553544360 | 4399164000 | 14       |
| Aroclor-1254-1                                                                                                                                                            | (1) | 503004292  | 535011767  | 531987056  | 521951800  | 402057780  | 11       |
| Aroclor-1254-2                                                                                                                                                            | (2) | 378219544  | 403583375  | 399300676  | 392234176  | 422583680  | 4        |
| Aroclor-1254-3                                                                                                                                                            | (3) | 715208754  | 722755991  | 718569236  | 662347256  | 504737840  | 14       |
| Aroclor-1254-4                                                                                                                                                            | (4) | 505627774  | 538597859  | 544931308  | 492275784  | 386803020  | 13       |
| Aroclor-1254-5                                                                                                                                                            | (5) | 551845651  | 631515513  | 645579268  | 578311224  | 446211920  | 14       |
| Decachlorobiphenyl                                                                                                                                                        |     | 6237706050 | 6279124973 | 6507474640 | 6157241280 | 5410407600 | 7        |
| Tetrachloro-m-xylene                                                                                                                                                      |     | 6240840860 | 6469002347 | 6413333980 | 5502278160 | 4576318000 | 14       |
| Aroclor-1268-1                                                                                                                                                            | (1) | 1460168699 | 1513699808 | 1559348234 | 1460709316 | 1219243940 | 9        |



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Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |             |             |             |             |            |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|------------|-------------|----|
| Aroclor-1268-2       | (2) | 1471677824  | 1500245056  | 1520481630  | 1382554016  | 1099105140 | 1394812733  | 12 |
| Aroclor-1268-3       | (3) | 1142468076  | 1153335345  | 1195510260  | 1093929288  | 869367940  | 1090922182  | 12 |
| Aroclor-1268-4       | (4) | 470517486   | 472924412   | 482908940   | 460922856   | 362513880  | 449957515   | 11 |
| Aroclor-1268-5       | (5) | 3043336629  | 3184766664  | 3278330982  | 3285110680  | 2399968480 | 3038302687  | 12 |
| Decachlorobiphenyl   |     | 12094690940 | 12187875973 | 12233092380 | 12124440600 | 9791304400 | 11686280859 | 9  |
| Tetrachloro-m-xylene |     | 6567329620  | 6628773733  | 6640722000  | 6057317560  | 4103278800 | 5999484343  | 18 |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**Instrument ID:** ECD\_P **Date(s) Analyzed:** 09/23/2025 09/23/2025  
**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    | 4.86 | 4.76      | 4.96 | 18490700              |
|              |                | 2    | 4.95 | 4.85      | 5.05 | 13697900              |
|              |                | 3    | 5.02 | 4.92      | 5.12 | 41397800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 5.02 | 4.92      | 5.12 | 32115600              |
|              |                | 2    | 5.54 | 5.44      | 5.64 | 16774900              |
|              |                | 3    | 5.83 | 5.73      | 5.93 | 33440800              |
|              |                | 4    | 5.99 | 5.89      | 6.09 | 17299100              |
|              |                | 5    | 6.08 | 5.98      | 6.18 | 12004400              |
| Aroclor-1262 | 500            | 1    | 8.24 | 8.14      | 8.34 | 75955200              |
|              |                | 2    | 8.57 | 8.47      | 8.67 | 135361000             |
|              |                | 3    | 8.90 | 8.80      | 9.00 | 93451000              |
|              |                | 4    | 8.98 | 8.88      | 9.08 | 72237200              |
|              |                | 5    | 9.66 | 9.56      | 9.76 | 52135400              |





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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**Instrument ID:** ECD\_P **Date(s) Analyzed:** 09/23/2025 09/23/2025  
**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    | 4.01 | 3.91      | 4.11 | 76477600              |
|              |                | 2    | 4.09 | 3.99      | 4.19 | 52263200              |
|              |                | 3    | 4.17 | 4.07      | 4.27 | 190406000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.17 | 4.07      | 4.27 | 146566000             |
|              |                | 2    | 4.89 | 4.79      | 4.99 | 252198000             |
|              |                | 3    | 5.07 | 4.97      | 5.17 | 63015000              |
|              |                | 4    | 5.15 | 5.05      | 5.25 | 103164000             |
|              |                | 5    | 5.33 | 5.23      | 5.43 | 64046600              |
| Aroclor-1262 | 500            | 1    | 6.91 | 6.81      | 7.01 | 791116000             |
|              |                | 2    | 7.17 | 7.07      | 7.27 | 552368000             |
|              |                | 3    | 7.69 | 7.59      | 7.79 | 499974000             |
|              |                | 4    | 7.75 | 7.65      | 7.85 | 908084000             |
|              |                | 5    | 8.25 | 8.15      | 8.35 | 429906000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075247.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 08:45  
 Operator : YP\AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:10:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:07:08 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...          | 4.654  | 3.798 | 124.2E6  | 663.6E6  | 97.232  | 102.934 |
| 2) SA Decachlor...          | 10.434 | 8.805 | 92024613 | 612.2E6  | 96.521  | 99.321  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.806  | 4.895 | 42347817 | 550.7E6  | 949.311 | 981.902 |
| 4) L1 AR-1016-2             | 5.828  | 4.954 | 64402738 | 253.7E6  | 960.782 | 984.838 |
| 5) L1 AR-1016-3             | 5.890  | 5.073 | 39431965 | 139.9E6  | 947.432 | 975.138 |
| 6) L1 AR-1016-4             | 5.988  | 5.114 | 32893250 | 139.2E6  | 961.092 | 953.442 |
| 7) L1 AR-1016-5             | 6.280  | 5.328 | 31586228 | 157.1E6  | 959.272 | 969.088 |
| 31) L7 AR-1260-1            | 7.397  | 6.356 | 52823399 | 389.9E6  | 931.840 | 987.087 |
| 32) L7 AR-1260-2            | 7.650  | 6.543 | 63303692 | 565.3E6  | 952.277 | 984.707 |
| 33) L7 AR-1260-3            | 8.009  | 6.696 | 48177125 | 422.4E6  | 953.829 | 994.488 |
| 34) L7 AR-1260-4            | 8.236  | 7.166 | 52102929 | 428.8E6  | 955.804 | 992.932 |
| 35) L7 AR-1260-5            | 8.562  | 7.406 | 102.1E6  | 1056.0E6 | 961.208 | 976.523 |
| -----                       |        |       |          |          |         |         |

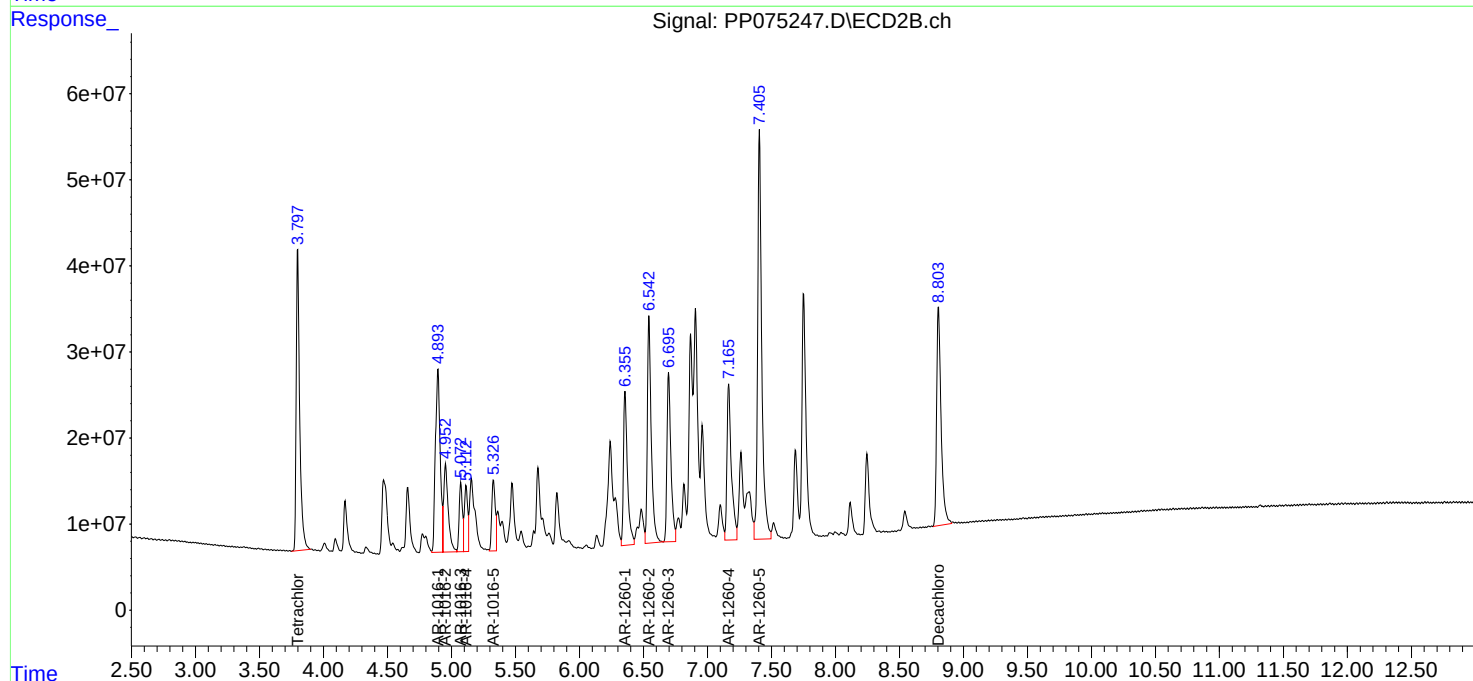
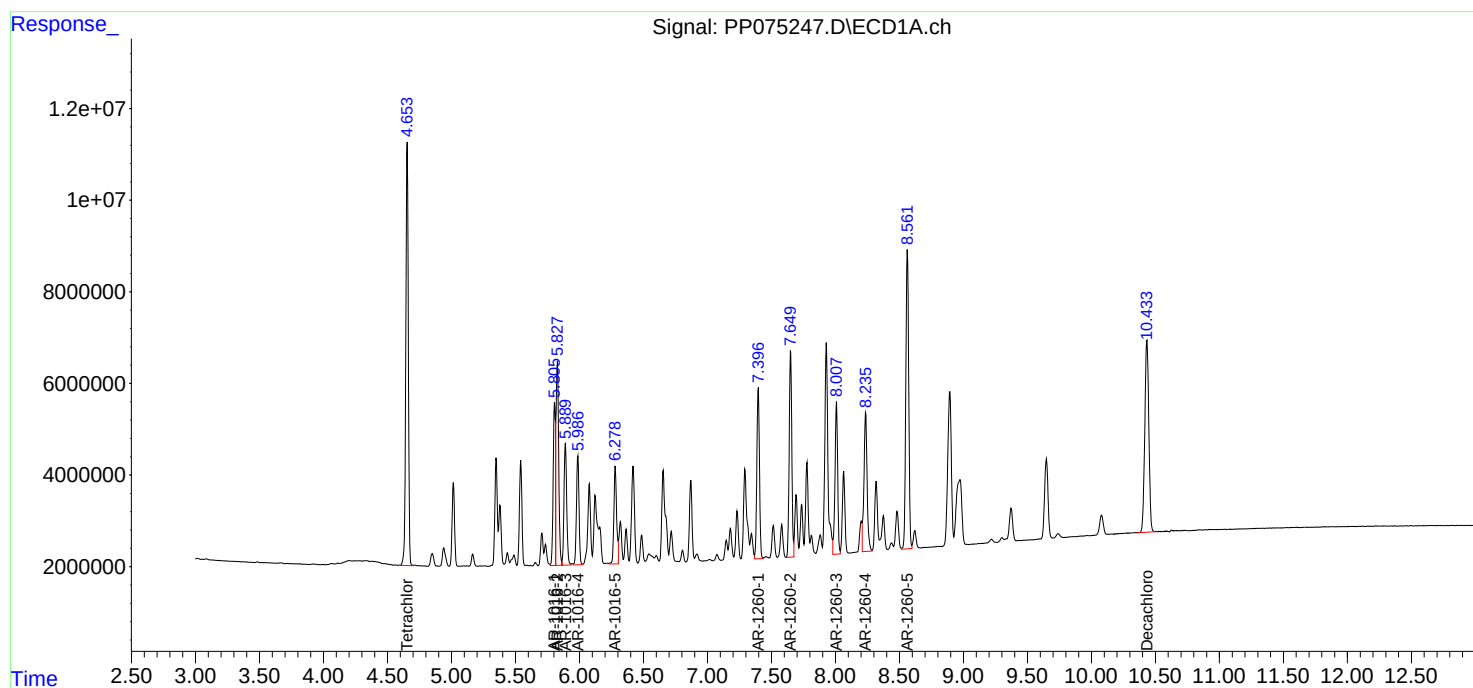
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

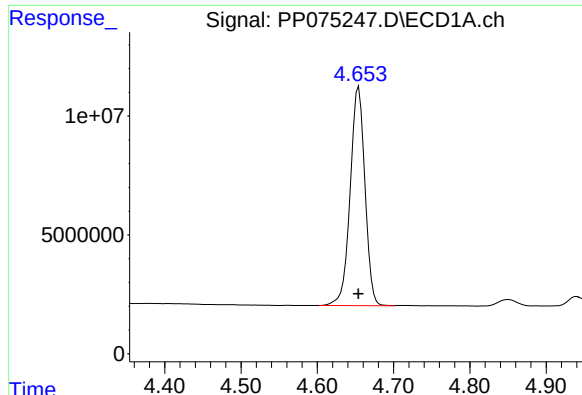
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075247.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 08:45  
Operator : YP\AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:10:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:07:08 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

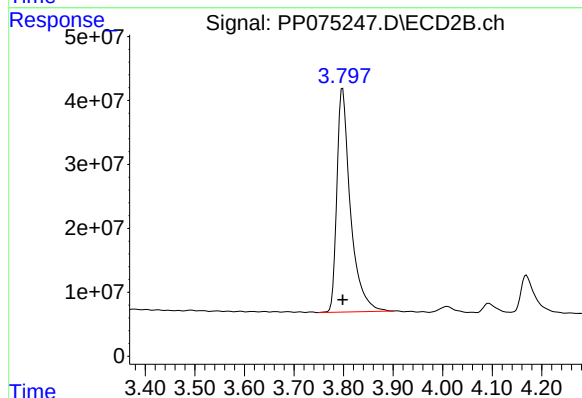




## #1 Tetrachloro-m-xylene

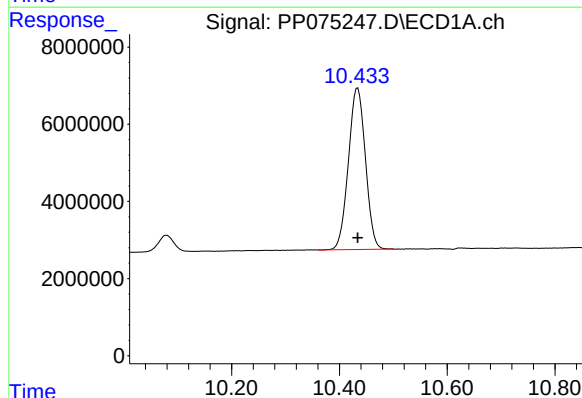
R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 124163726  
Conc: 97.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



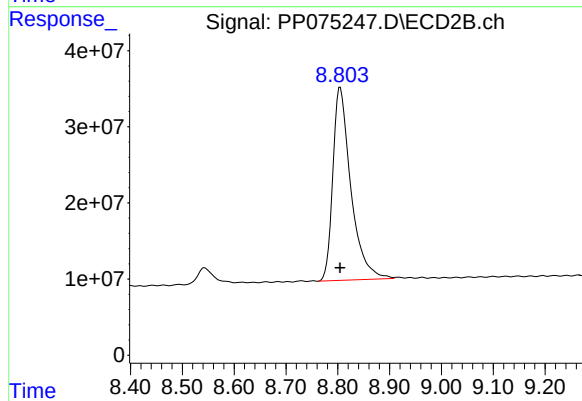
## #1 Tetrachloro-m-xylene

R.T.: 3.798 min  
Delta R.T.: 0.000 min  
Response: 663638810  
Conc: 102.93 ng/ml



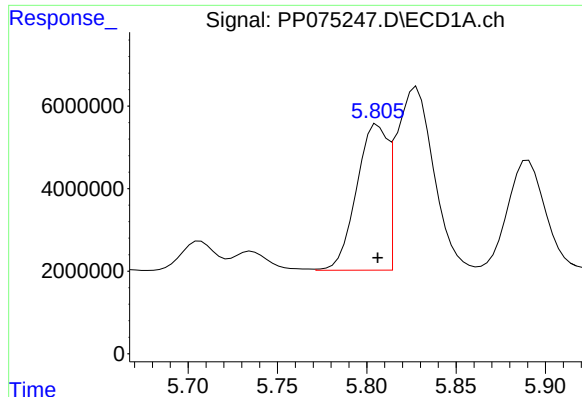
## #2 Decachlorobiphenyl

R.T.: 10.434 min  
Delta R.T.: 0.000 min  
Response: 92024613  
Conc: 96.52 ng/ml



## #2 Decachlorobiphenyl

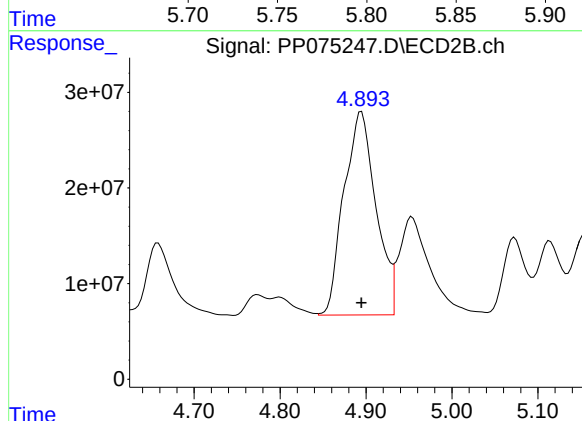
R.T.: 8.805 min  
Delta R.T.: 0.000 min  
Response: 612226039  
Conc: 99.32 ng/ml



#3 AR-1016-1

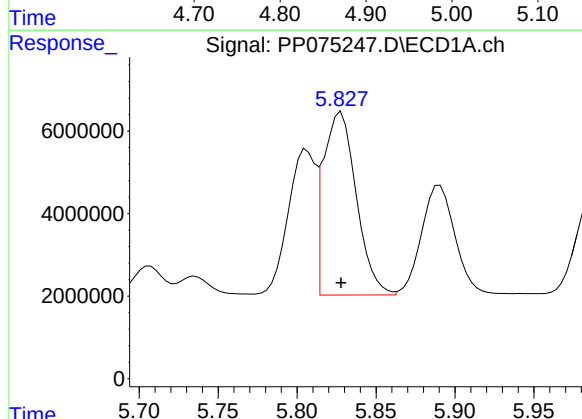
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 42347817  
Conc: 949.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



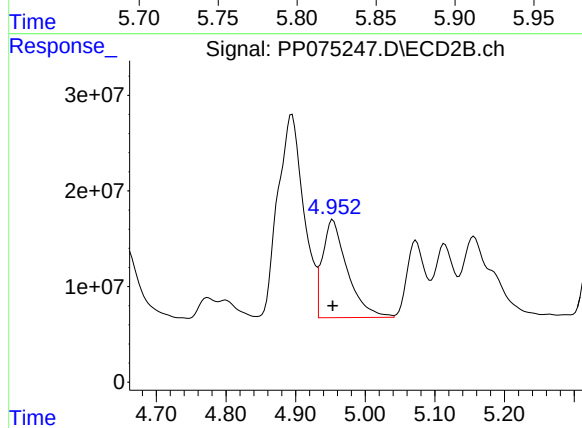
#3 AR-1016-1

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 550669557  
Conc: 981.90 ng/ml



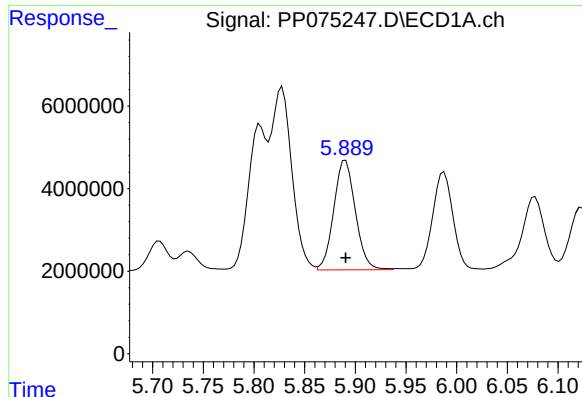
#4 AR-1016-2

R.T.: 5.828 min  
Delta R.T.: 0.000 min  
Response: 64402738  
Conc: 960.78 ng/ml



#4 AR-1016-2

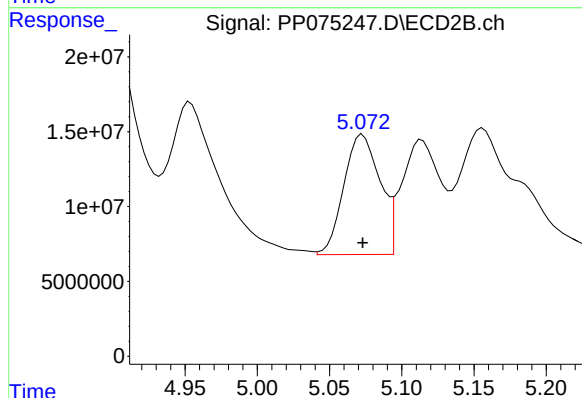
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 253692272  
Conc: 984.84 ng/ml



#5 AR-1016-3

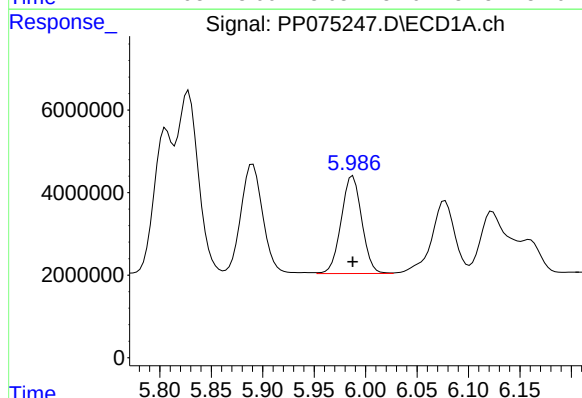
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 39431965  
Conc: 947.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



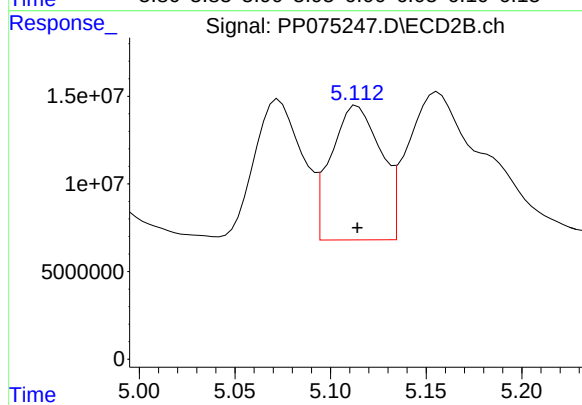
#5 AR-1016-3

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 139883237  
Conc: 975.14 ng/ml



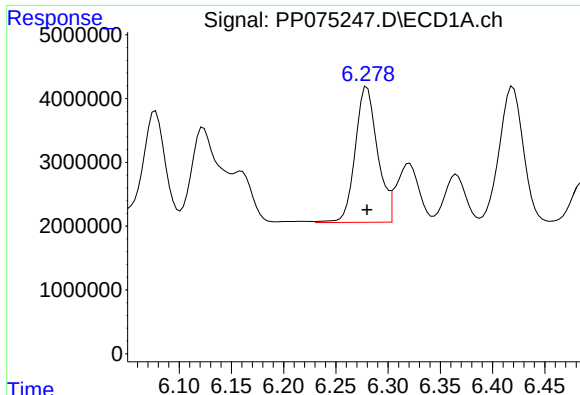
#6 AR-1016-4

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 32893250  
Conc: 961.09 ng/ml



#6 AR-1016-4

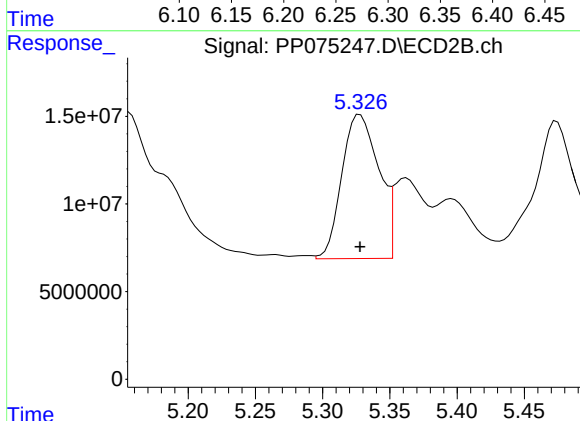
R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 139175266  
Conc: 953.44 ng/ml



#7 AR-1016-5

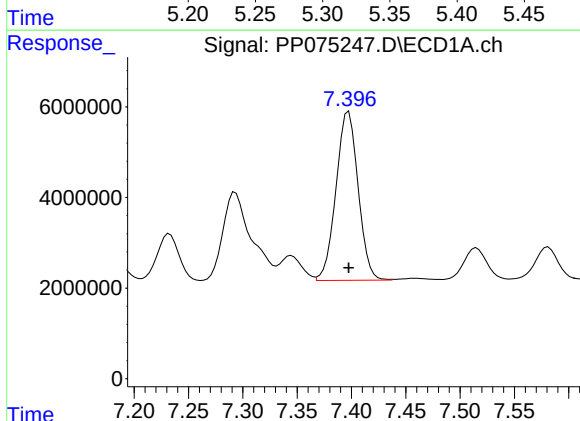
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 31586228  
Conc: 959.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



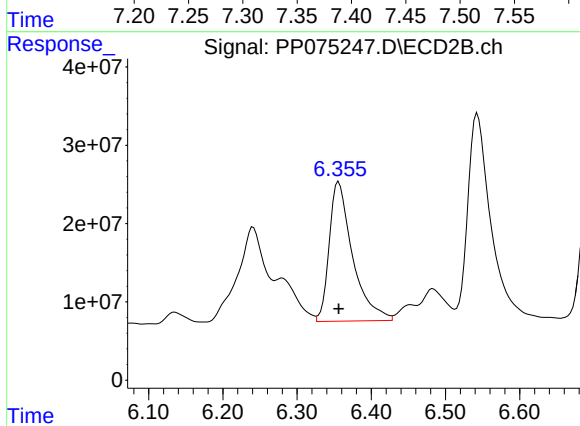
#7 AR-1016-5

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 157135257  
Conc: 969.09 ng/ml



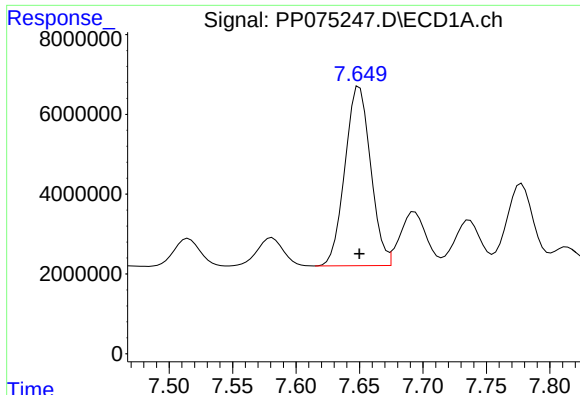
#31 AR-1260-1

R.T.: 7.397 min  
Delta R.T.: 0.000 min  
Response: 52823399  
Conc: 931.84 ng/ml



#31 AR-1260-1

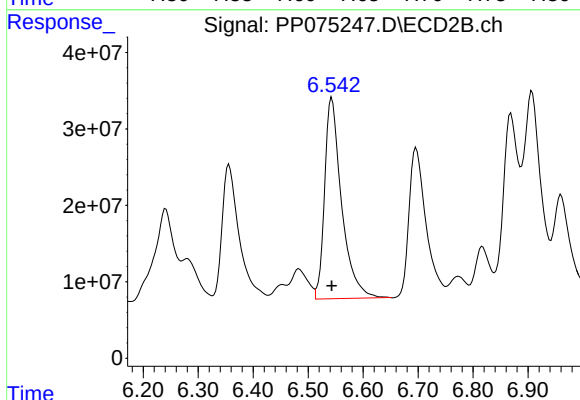
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 389924896  
Conc: 987.09 ng/ml



#32 AR-1260-2

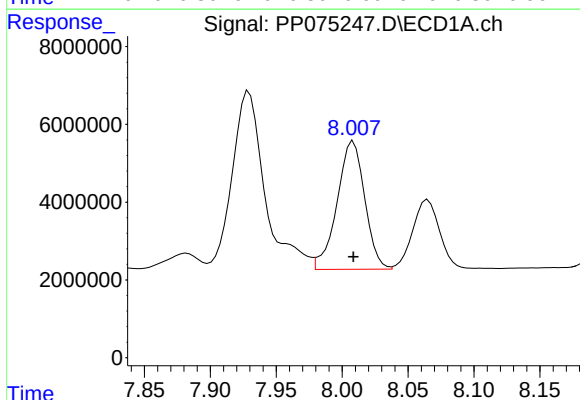
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 63303692  
Conc: 952.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



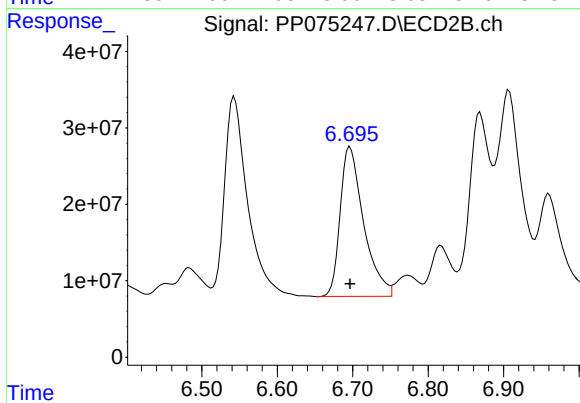
#32 AR-1260-2

R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 565343775  
Conc: 984.71 ng/ml



#33 AR-1260-3

R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 48177125  
Conc: 953.83 ng/ml



#33 AR-1260-3

R.T.: 6.696 min  
Delta R.T.: 0.000 min  
Response: 422351862  
Conc: 994.49 ng/ml

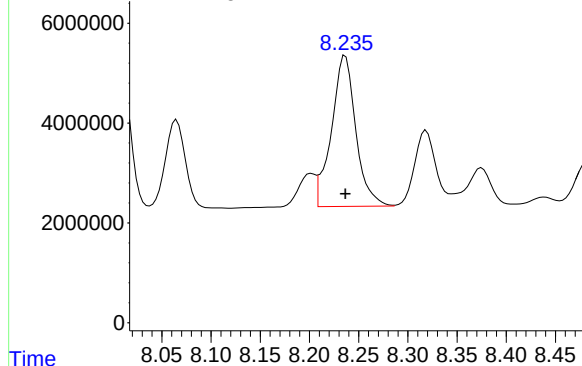


Response\_ Signal: PP075247.D\ECD1A.ch

#34 AR-1260-4

R.T.: 8.236 min  
Delta R.T.: 0.000 min  
Response: 52102929  
Conc: 955.80 ng/ml

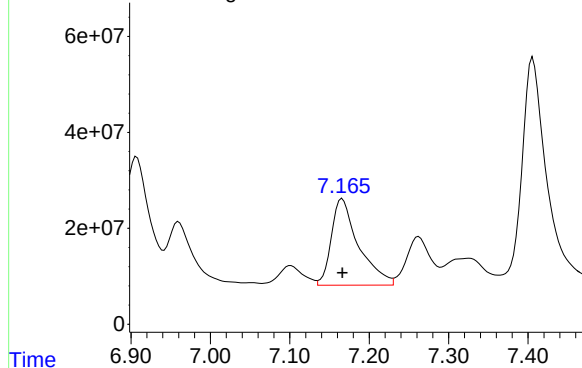
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000



Response\_ Signal: PP075247.D\ECD2B.ch

#34 AR-1260-4

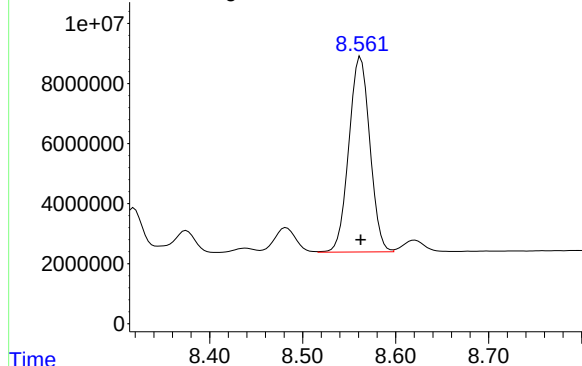
R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 428778820  
Conc: 992.93 ng/ml



Response\_ Signal: PP075247.D\ECD1A.ch

#35 AR-1260-5

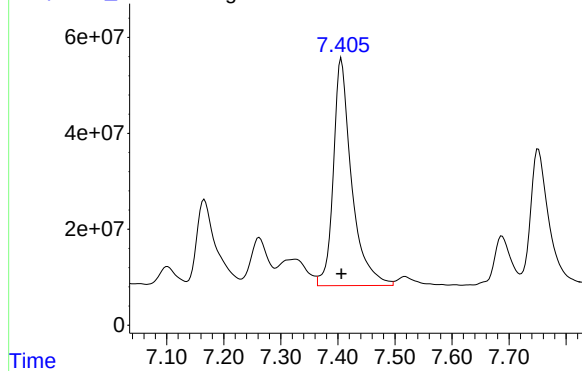
R.T.: 8.562 min  
Delta R.T.: 0.000 min  
Response: 102126116  
Conc: 961.21 ng/ml



Response\_ Signal: PP075247.D\ECD2B.ch

#35 AR-1260-5

R.T.: 7.406 min  
Delta R.T.: 0.000 min  
Response: 1056009939  
Conc: 976.52 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075248.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 09:01  
 Operator : YP\AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:21:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:07:08 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... | 4.659  | 3.796 | 98140085 | 480.1E6 | 76.225  | 74.641  |
| 2)                          | SA Decachlor... | 10.438 | 8.803 | 72203461 | 469.5E6 | 75.486  | 75.777  |
| Target Compounds            |                 |        |       |          |         |         |         |
| 3)                          | L1 AR-1016-1    | 5.811  | 4.894 | 33755975 | 431.3E6 | 754.459 | 762.574 |
| 4)                          | L1 AR-1016-2    | 5.832  | 4.952 | 50790688 | 200.2E6 | 755.124 | 768.006 |
| 5)                          | L1 AR-1016-3    | 5.895  | 5.072 | 31404177 | 109.7E6 | 753.026 | 759.865 |
| 6)                          | L1 AR-1016-4    | 5.992  | 5.111 | 26125023 | 112.5E6 | 758.837 | 763.638 |
| 7)                          | L1 AR-1016-5    | 6.285  | 5.326 | 25091989 | 124.6E6 | 757.985 | 762.174 |
| 31)                         | L7 AR-1260-1    | 7.402  | 6.355 | 42291284 | 299.1E6 | 747.360 | 754.771 |
| 32)                         | L7 AR-1260-2    | 7.655  | 6.541 | 50614233 | 437.6E6 | 757.555 | 758.123 |
| 33)                         | L7 AR-1260-3    | 8.013  | 6.695 | 38223002 | 324.8E6 | 754.489 | 759.766 |
| 34)                         | L7 AR-1260-4    | 8.241  | 7.165 | 41368851 | 324.2E6 | 755.905 | 750.542 |
| 35)                         | L7 AR-1260-5    | 8.567  | 7.404 | 80643040 | 828.4E6 | 755.983 | 760.602 |
| -----                       |                 |        |       |          |         |         |         |

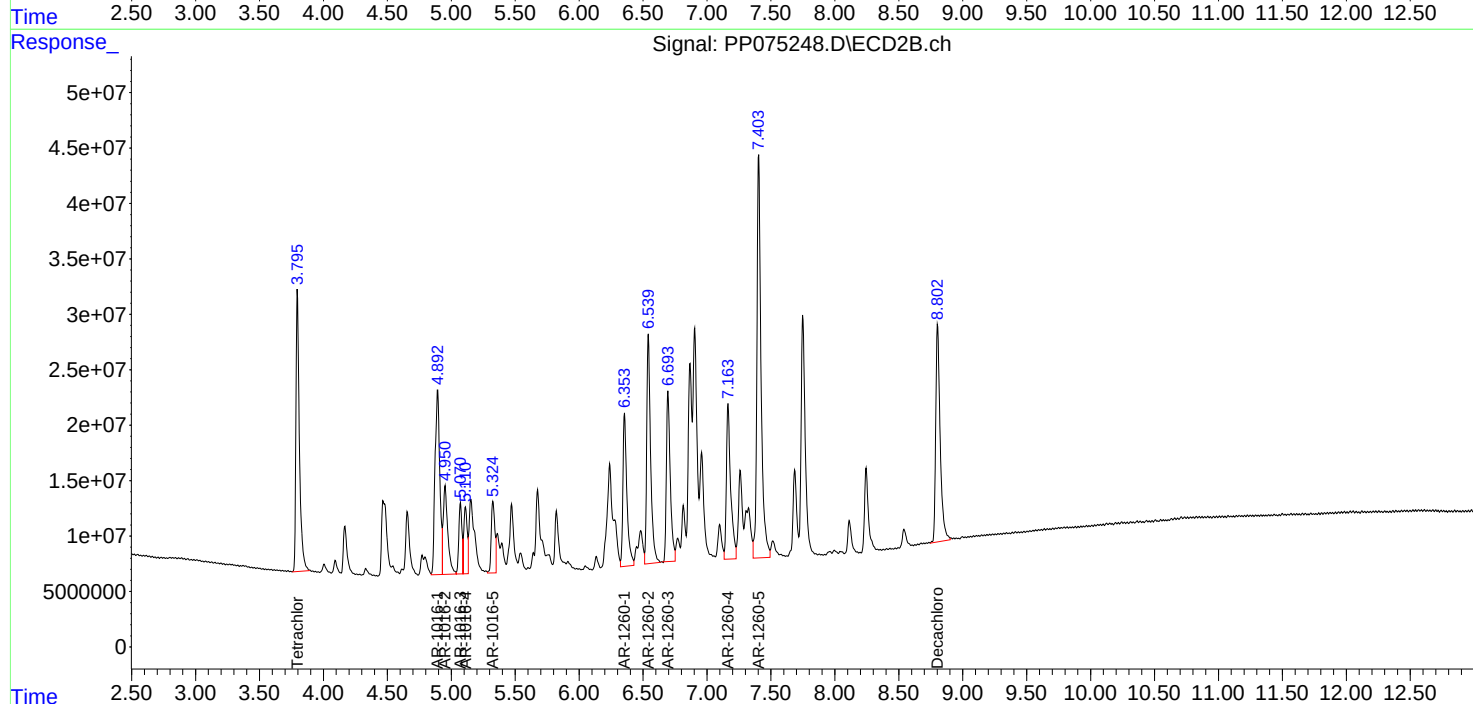
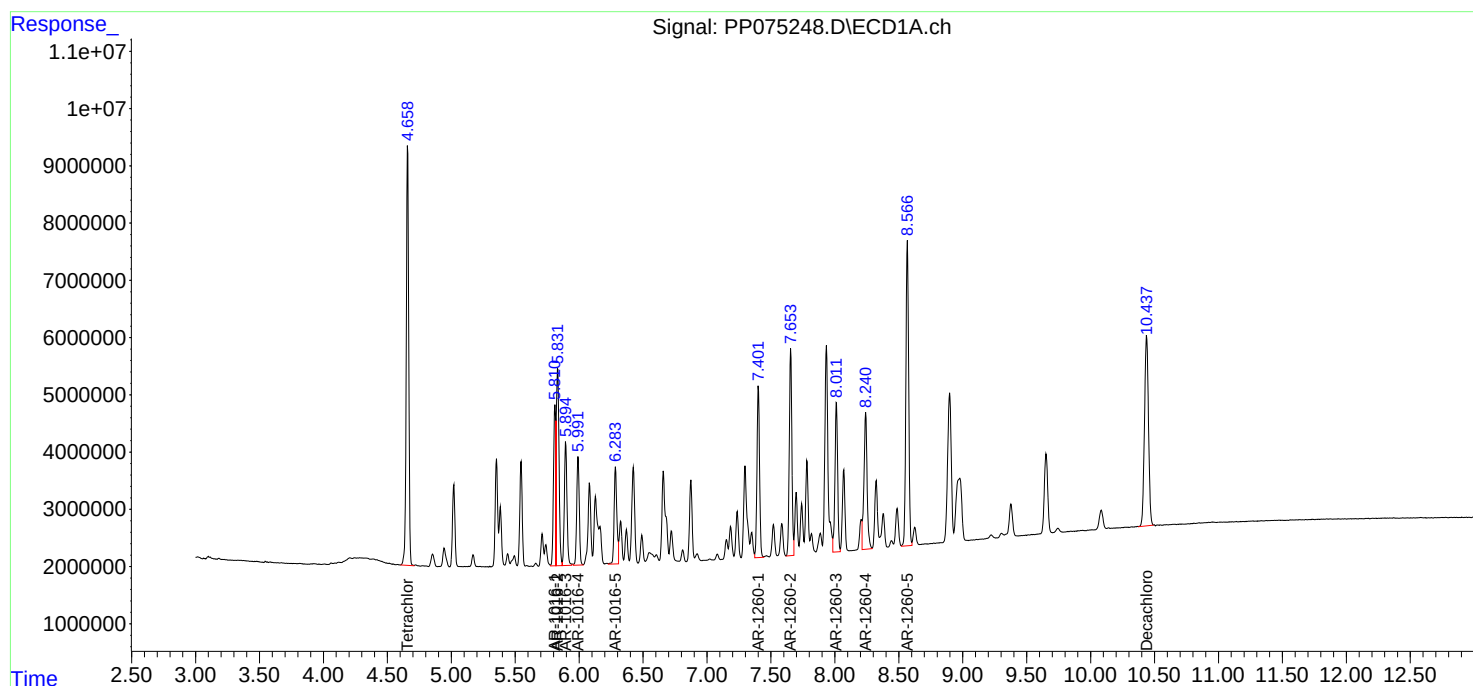
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075248.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 09:01  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

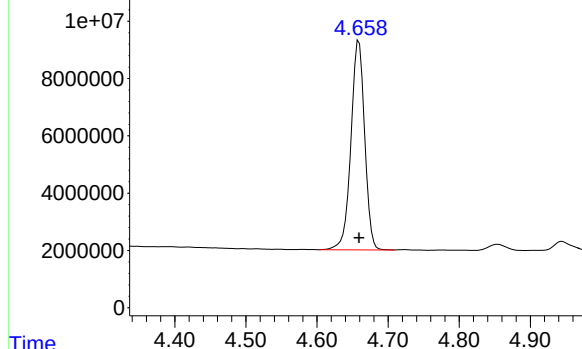
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:21:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:07:08 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



Response\_ Signal: PP075248.D\ECD1A.ch

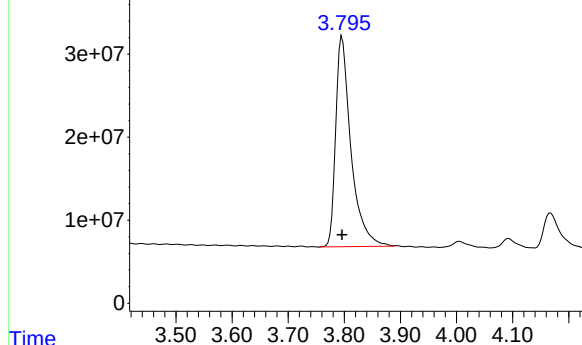


#1 Tetrachloro-m-xylene

R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 98140085  
Conc: 76.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

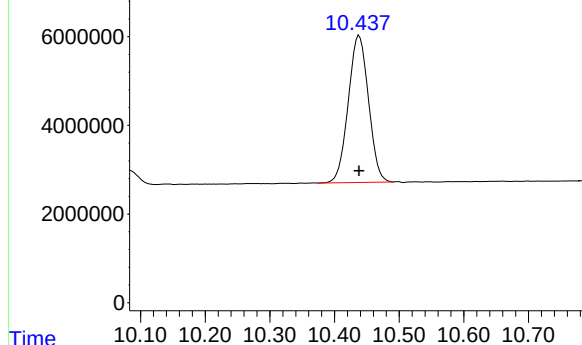
Time Response\_ Signal: PP075248.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 480074249  
Conc: 74.64 ng/ml

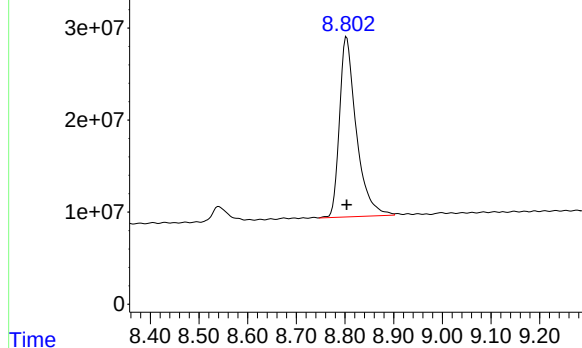
Time Response\_ Signal: PP075248.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.438 min  
Delta R.T.: 0.000 min  
Response: 72203461  
Conc: 75.49 ng/ml

Time Response\_ Signal: PP075248.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 469530740  
Conc: 75.78 ng/ml

Response\_ Signal: PP075248.D\ECD1A.ch

#3 AR-1016-1

R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 33755975  
Conc: 754.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Time

Response\_ Signal: PP075248.D\ECD2B.ch

#3 AR-1016-1

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 431281196  
Conc: 762.57 ng/ml

Time

Response\_ Signal: PP075248.D\ECD1A.ch

#4 AR-1016-2

R.T.: 5.832 min  
Delta R.T.: 0.000 min  
Response: 50790688  
Conc: 755.12 ng/ml

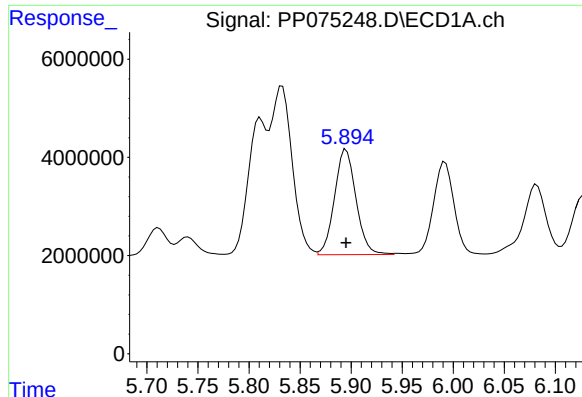
Time

Response\_ Signal: PP075248.D\ECD2B.ch

#4 AR-1016-2

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 200240337  
Conc: 768.01 ng/ml

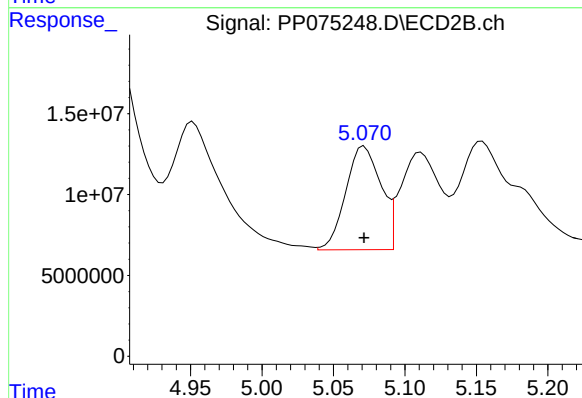
Time



#5 AR-1016-3

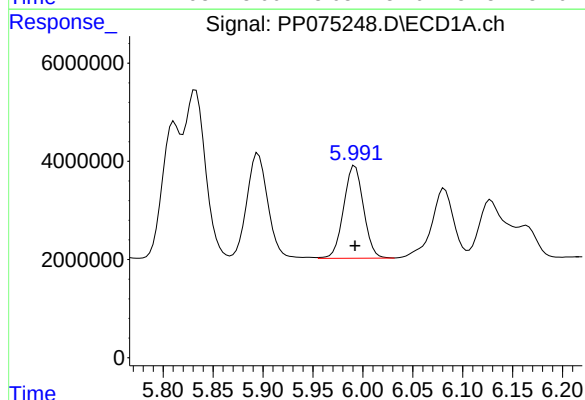
R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 31404177  
Conc: 753.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



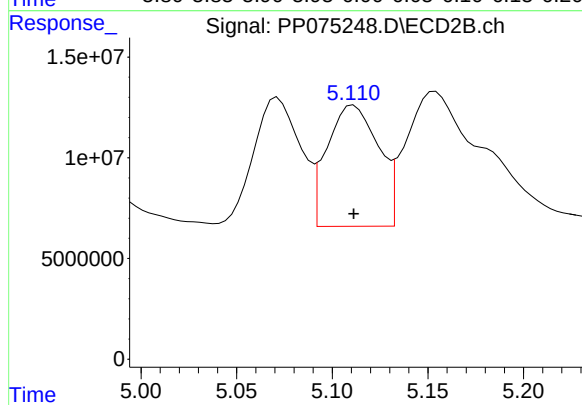
#5 AR-1016-3

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 109724069  
Conc: 759.87 ng/ml



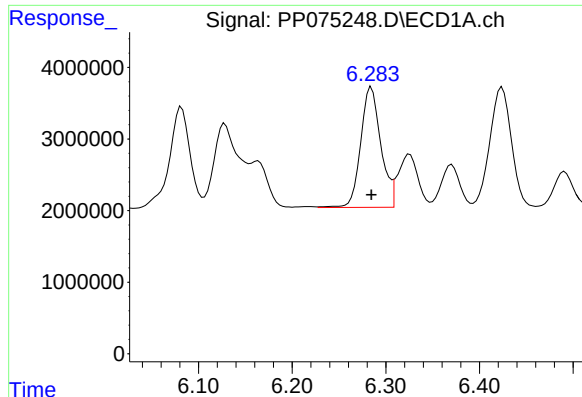
#6 AR-1016-4

R.T.: 5.992 min  
Delta R.T.: 0.000 min  
Response: 26125023  
Conc: 758.84 ng/ml



#6 AR-1016-4

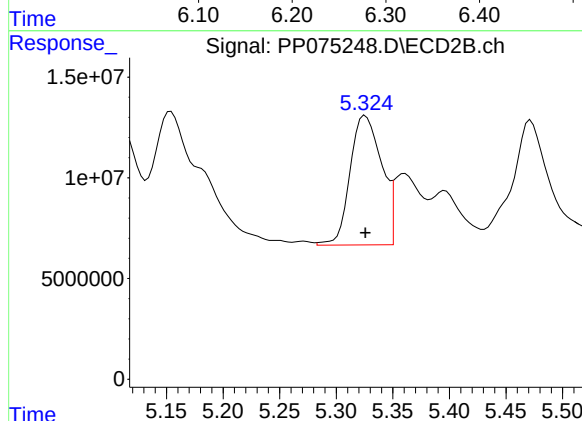
R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 112492067  
Conc: 763.64 ng/ml



#7 AR-1016-5

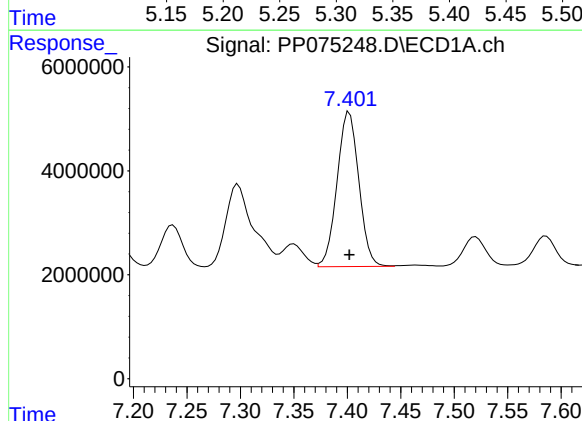
R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 25091989  
Conc: 757.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750



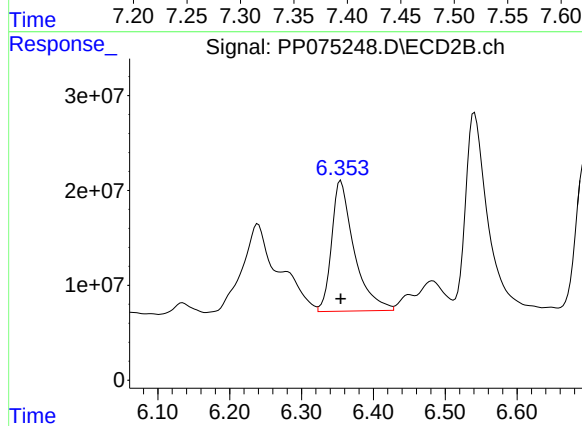
#7 AR-1016-5

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 124595874  
Conc: 762.17 ng/ml



#31 AR-1260-1

R.T.: 7.402 min  
Delta R.T.: 0.000 min  
Response: 42291284  
Conc: 747.36 ng/ml



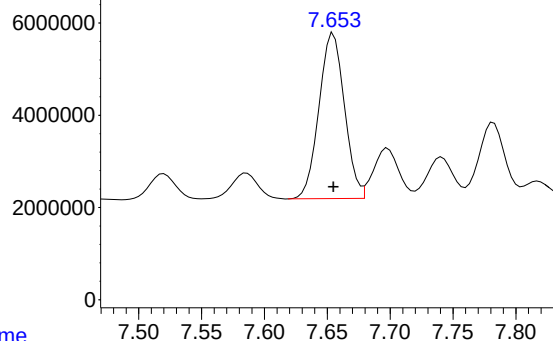
#31 AR-1260-1

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 299105466  
Conc: 754.77 ng/ml

Response\_

Signal: PP075248.D\ECD1A.ch

#32 AR-1260-2



R.T.: 7.655 min  
Delta R.T.: 0.000 min  
Response: 50614233  
Conc: 757.55 ng/ml

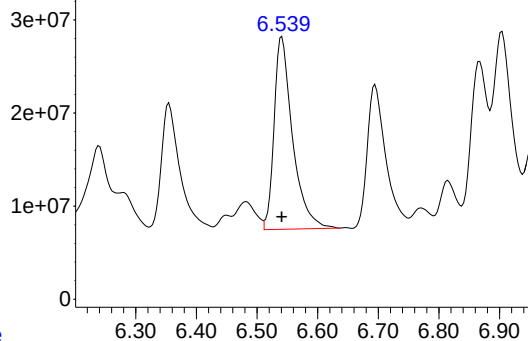
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Time

Response\_

Signal: PP075248.D\ECD2B.ch

#32 AR-1260-2



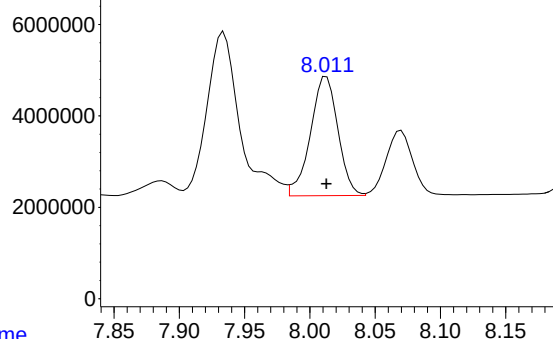
R.T.: 6.541 min  
Delta R.T.: 0.000 min  
Response: 437626542  
Conc: 758.12 ng/ml

Time

Response\_

Signal: PP075248.D\ECD1A.ch

#33 AR-1260-3



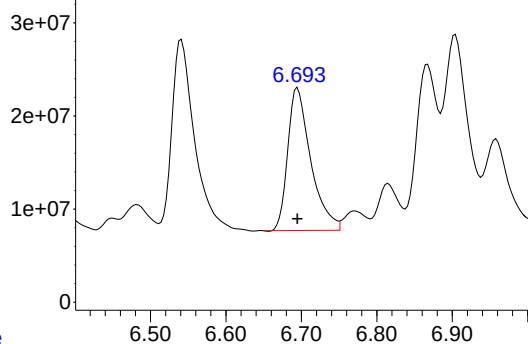
R.T.: 8.013 min  
Delta R.T.: 0.000 min  
Response: 38223002  
Conc: 754.49 ng/ml

Time

Response\_

Signal: PP075248.D\ECD2B.ch

#33 AR-1260-3

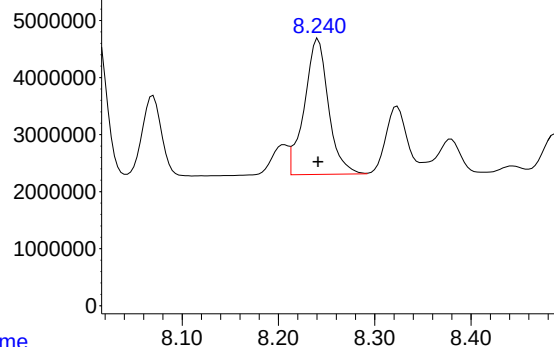


R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 324781355  
Conc: 759.77 ng/ml

Time



Response\_ Signal: PP075248.D\ECD1A.ch

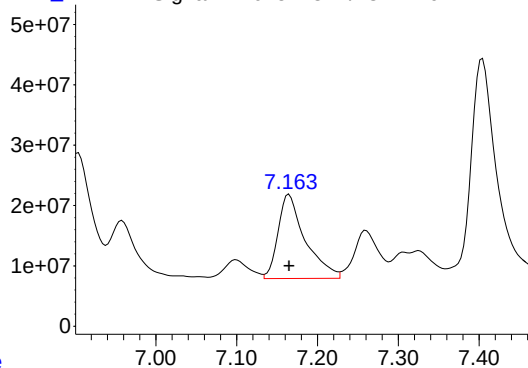


#34 AR-1260-4

R.T.: 8.241 min  
Delta R.T.: 0.000 min  
Response: 41368851  
Conc: 755.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

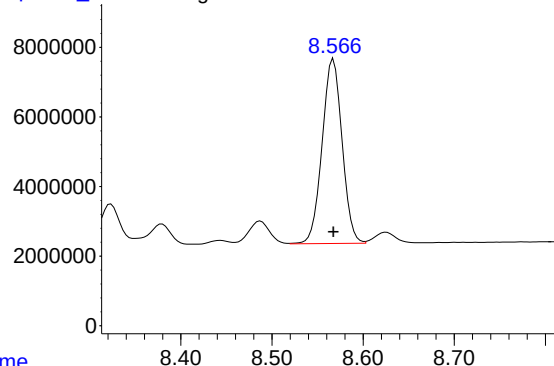
Time Response\_ Signal: PP075248.D\ECD2B.ch



#34 AR-1260-4

R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 324224445  
Conc: 750.54 ng/ml

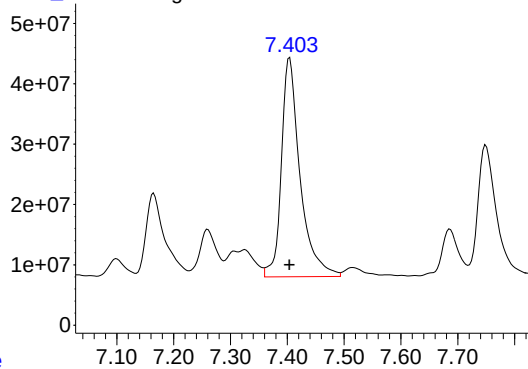
Time Response\_ Signal: PP075248.D\ECD1A.ch



#35 AR-1260-5

R.T.: 8.567 min  
Delta R.T.: 0.000 min  
Response: 80643040  
Conc: 755.98 ng/ml

Time Response\_ Signal: PP075248.D\ECD2B.ch



#35 AR-1260-5

R.T.: 7.404 min  
Delta R.T.: 0.000 min  
Response: 828368950  
Conc: 760.60 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 09:18  
 Operator : YP\AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:07:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:07:08 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...          | 4.655  | 3.796 | 65616529 | 312.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.434 | 8.803 | 49328834 | 310.3E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.808  | 4.893 | 23435085 | 285.5E6  | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.829  | 4.951 | 34830204 | 130.8E6  | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.892  | 5.071 | 21903834 | 73508070 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.989  | 5.111 | 17778257 | 76383773 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.281  | 5.325 | 17134187 | 83579985 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.399  | 6.355 | 30275504 | 200.1E6  | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.651  | 6.541 | 34824278 | 291.5E6  | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 8.009  | 6.695 | 26420619 | 213.5E6  | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.237  | 7.165 | 28460709 | 217.4E6  | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.564  | 7.404 | 55184634 | 553.4E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

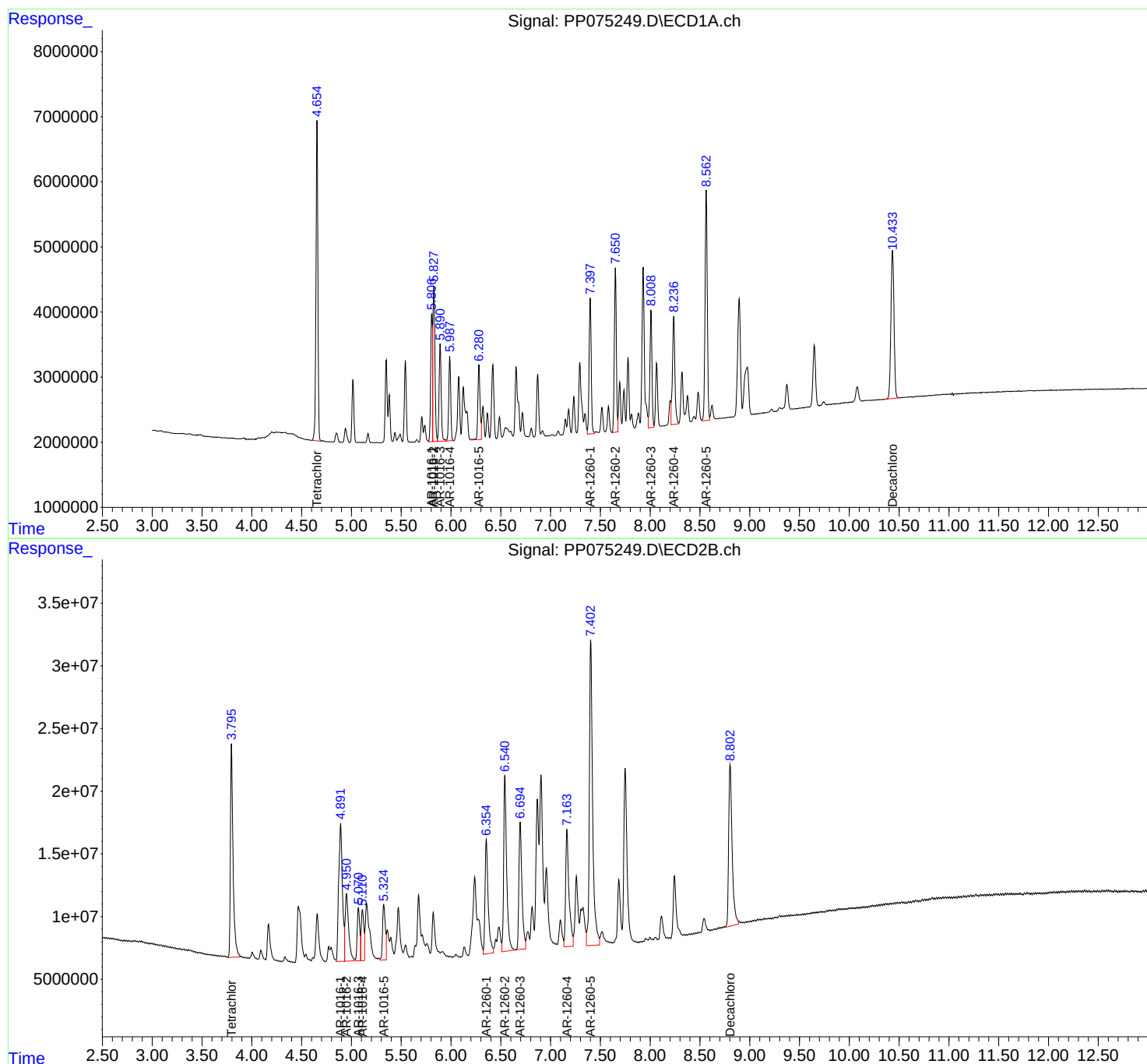
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

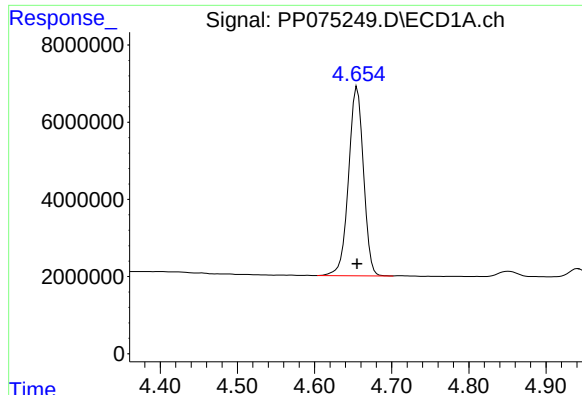
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 09:18  
Operator : YP\AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:07:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:07:08 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

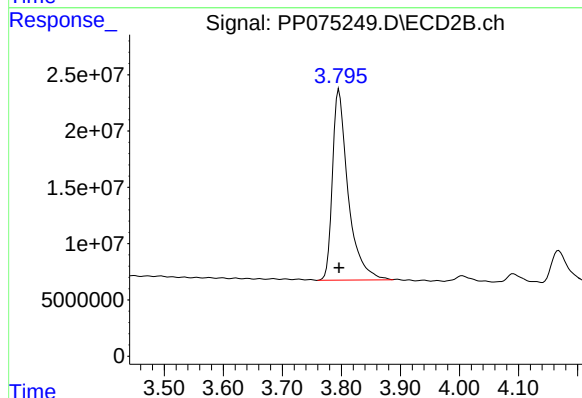




## #1 Tetrachloro-m-xylene

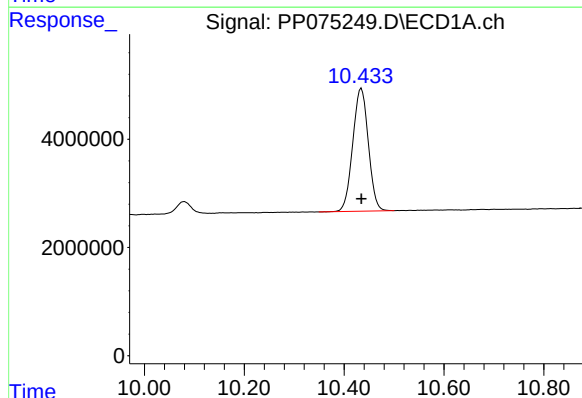
R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 65616529  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



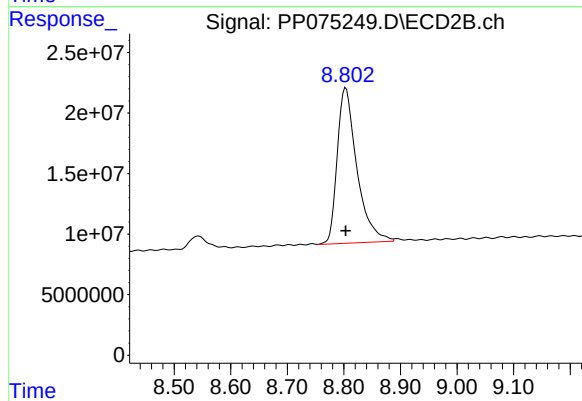
## #1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 312903913  
Conc: 50.00 ng/ml



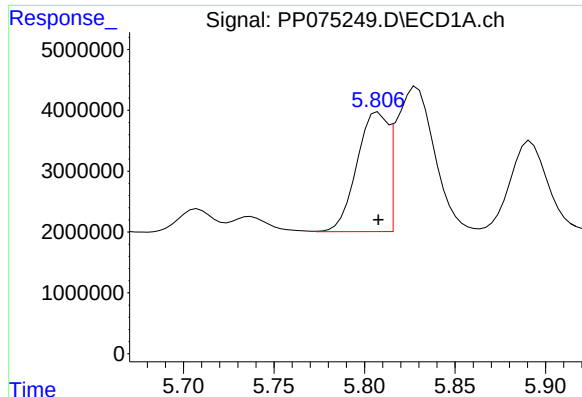
## #2 Decachlorobiphenyl

R.T.: 10.434 min  
Delta R.T.: 0.000 min  
Response: 49328834  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

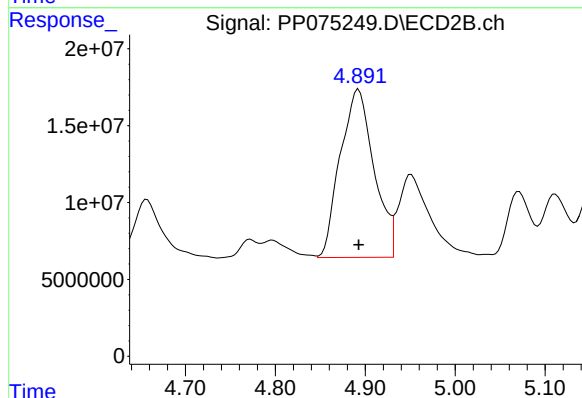
R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 310297120  
Conc: 50.00 ng/ml



#3 AR-1016-1

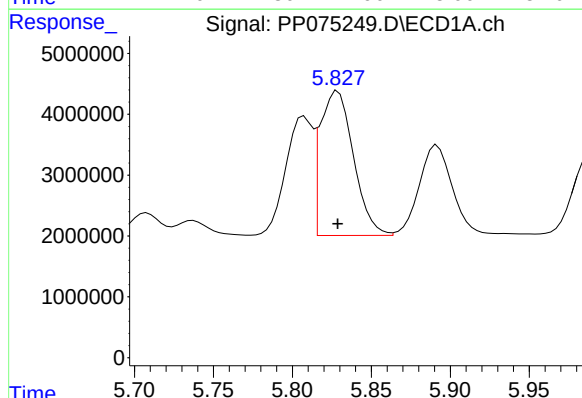
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 23435085  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



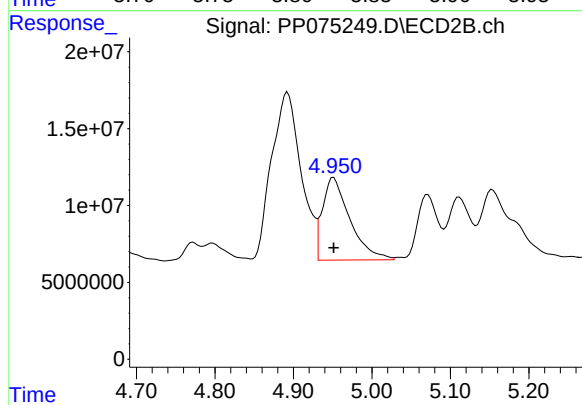
#3 AR-1016-1

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 285484304  
Conc: 500.00 ng/ml



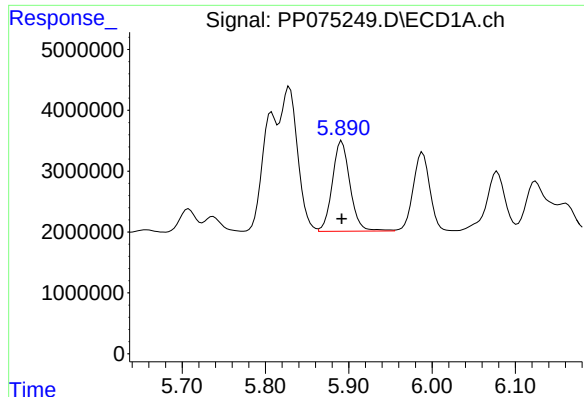
#4 AR-1016-2

R.T.: 5.829 min  
Delta R.T.: 0.000 min  
Response: 34830204  
Conc: 500.00 ng/ml



#4 AR-1016-2

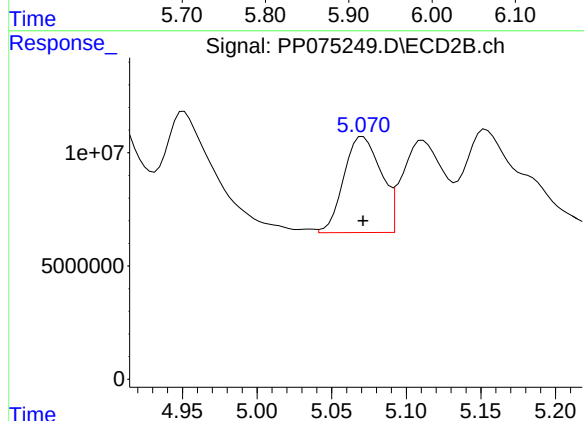
R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 130751869  
Conc: 500.00 ng/ml



#5 AR-1016-3

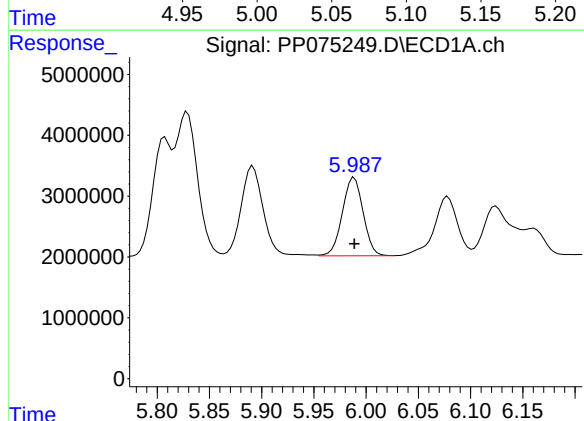
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 21903834  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



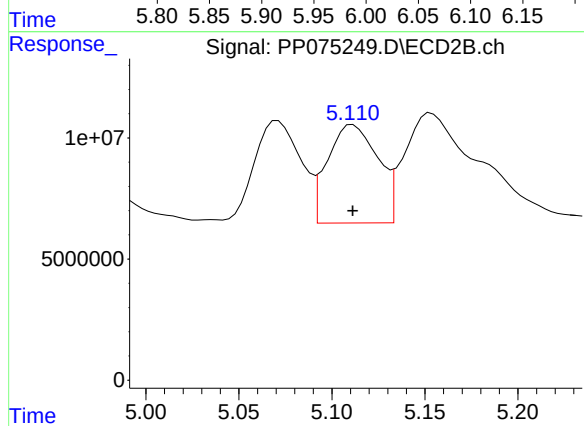
#5 AR-1016-3

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 73508070  
Conc: 500.00 ng/ml



#6 AR-1016-4

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 17778257  
Conc: 500.00 ng/ml



#6 AR-1016-4

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 76383773  
Conc: 500.00 ng/ml

Response\_ Signal: PP075249.D\ECD1A.ch

#7 AR-1016-5

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 17134187  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500

Time

Response\_ Signal: PP075249.D\ECD2B.ch

#7 AR-1016-5

R.T.: 5.325 min  
Delta R.T.: 0.000 min  
Response: 83579985  
Conc: 500.00 ng/ml

Time

Response\_ Signal: PP075249.D\ECD1A.ch

#31 AR-1260-1

R.T.: 7.399 min  
Delta R.T.: 0.000 min  
Response: 30275504  
Conc: 500.00 ng/ml

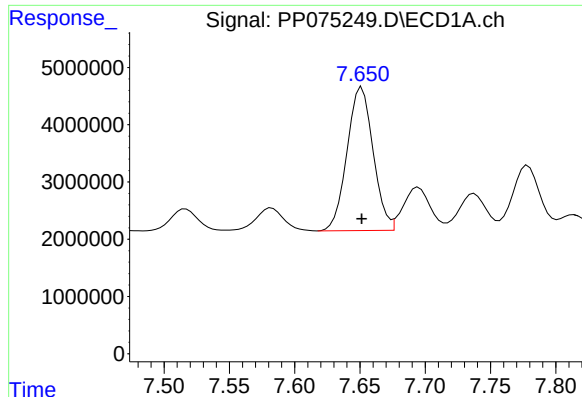
Time

Response\_ Signal: PP075249.D\ECD2B.ch

#31 AR-1260-1

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 200063470  
Conc: 500.00 ng/ml

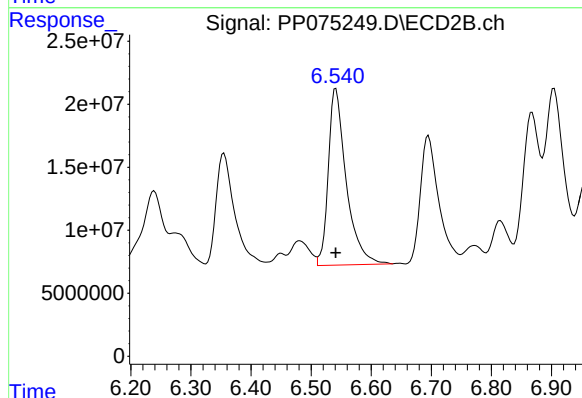
Time



#32 AR-1260-2

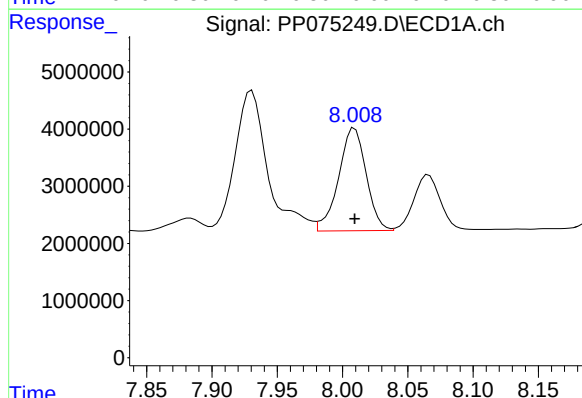
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 34824278  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



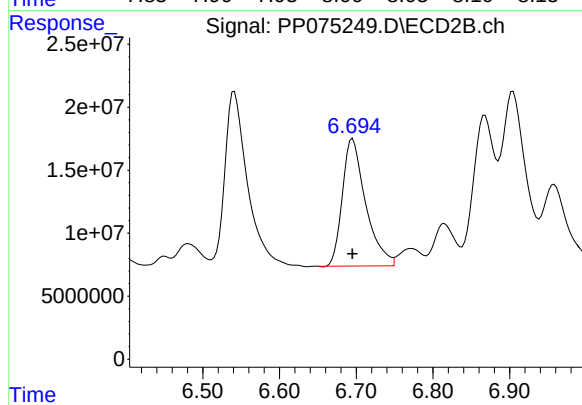
#32 AR-1260-2

R.T.: 6.541 min  
Delta R.T.: 0.000 min  
Response: 291451721  
Conc: 500.00 ng/ml



#33 AR-1260-3

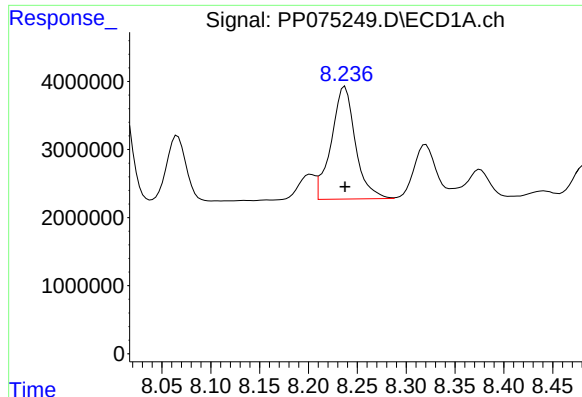
R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 26420619  
Conc: 500.00 ng/ml



#33 AR-1260-3

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 213516702  
Conc: 500.00 ng/ml

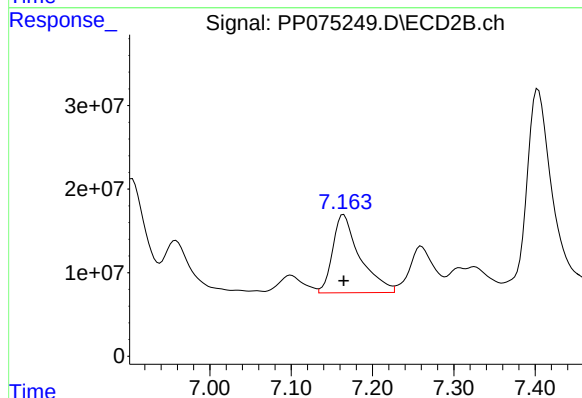




#34 AR-1260-4

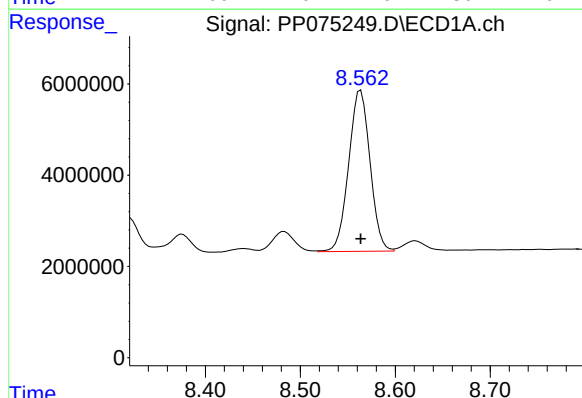
R.T.: 8.237 min  
Delta R.T.: 0.000 min  
Response: 28460709  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500



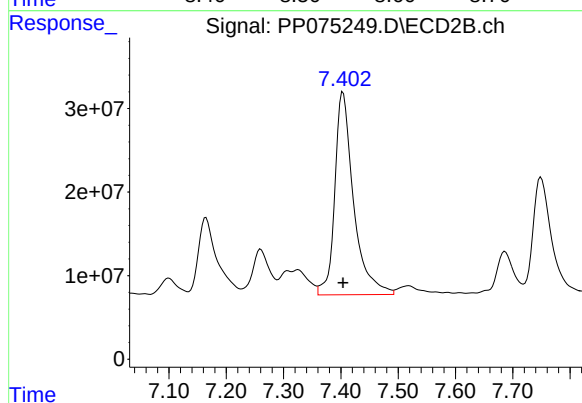
#34 AR-1260-4

R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 217441460  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.564 min  
Delta R.T.: 0.000 min  
Response: 55184634  
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.404 min  
Delta R.T.: 0.000 min  
Response: 553392852  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075250.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 09:34  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:25:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:07:08 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... | 4.655  | 3.796 | 34563643 | 157.0E6  | 26.359   | 24.549  |
| 2)                          | SA Decachlor... | 10.434 | 8.803 | 25809061 | 158.9E6  | 26.458   | 25.477  |
| Target Compounds            |                 |        |       |          |          |          |         |
| 3)                          | L1 AR-1016-1    | 5.807  | 4.894 | 12538461 | 139.4E6  | 272.014  | 247.365 |
| 4)                          | L1 AR-1016-2    | 5.828  | 4.952 | 18566259 | 63148573 | 269.028  | 244.105 |
| 5)                          | L1 AR-1016-3    | 5.891  | 5.072 | 11837993 | 35142091 | 274.562  | 244.992 |
| 6)                          | L1 AR-1016-4    | 5.988  | 5.113 | 9584076  | 36742253 | 270.699  | 249.565 |
| 7)                          | L1 AR-1016-5    | 6.280  | 5.326 | 9259844  | 42918309 | 271.649  | 259.287 |
| 31)                         | L7 AR-1260-1    | 7.398  | 6.354 | 16026380 | 106.7E6  | 274.109  | 264.074 |
| 32)                         | L7 AR-1260-2    | 7.651  | 6.542 | 18926012 | 145.1E6  | 274.149  | 251.045 |
| 33)                         | L7 AR-1260-3    | 8.009  | 6.695 | 14058591 | 106.6E6  | 270.076  | 249.442 |
| 34)                         | L7 AR-1260-4    | 8.236  | 7.164 | 14811288 | 105.8E6  | 254.816m | 246.162 |
| 35)                         | L7 AR-1260-5    | 8.563  | 7.404 | 28952377 | 273.5E6  | 265.722  | 250.867 |
| -----                       |                 |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075250.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 09:34  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

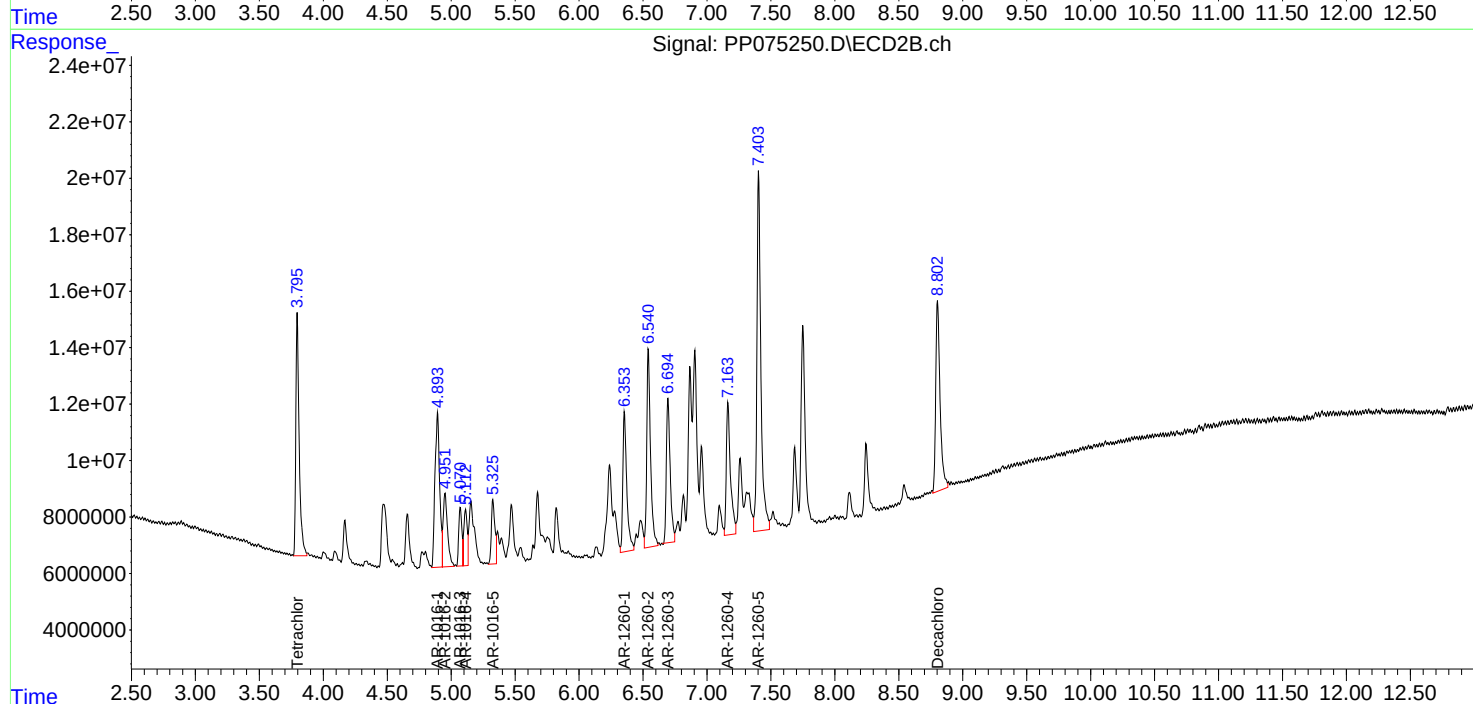
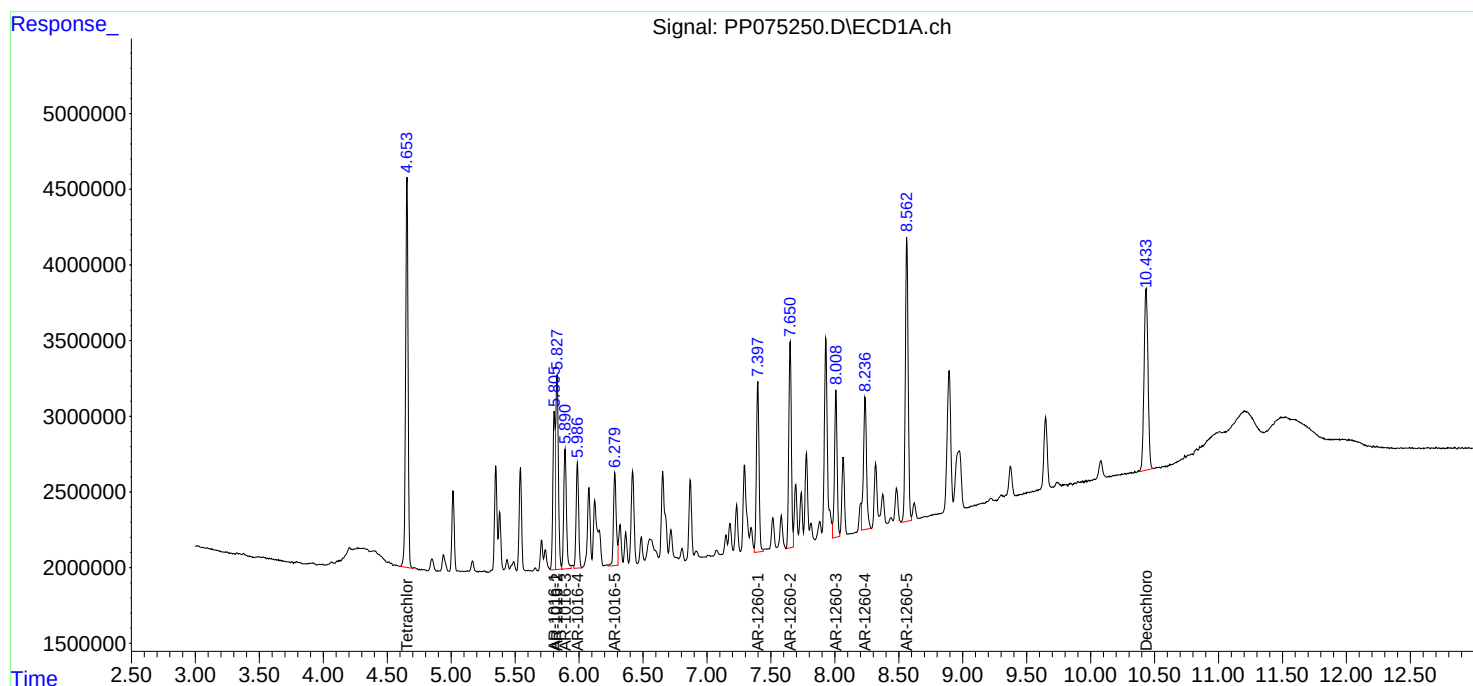
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

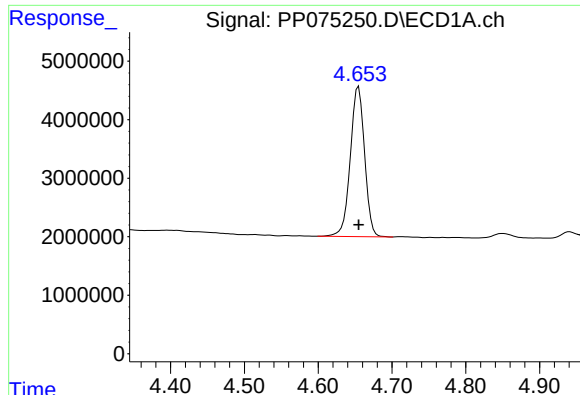
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:25:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:07:08 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





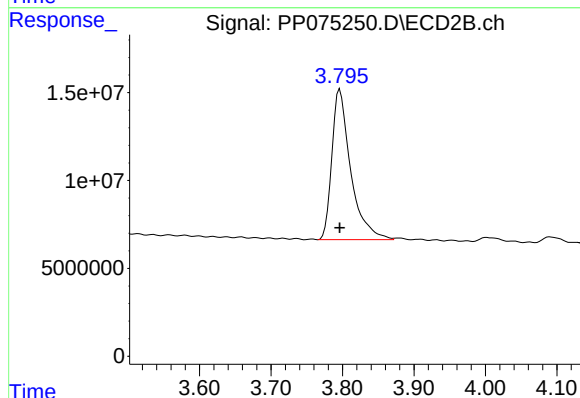
## #1 Tetrachloro-m-xylene

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 34563643  
Conc: 26.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

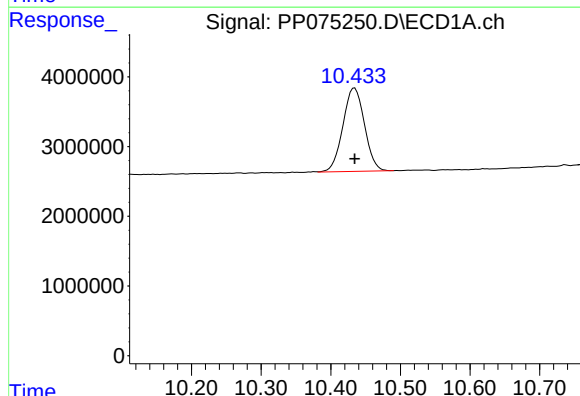
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



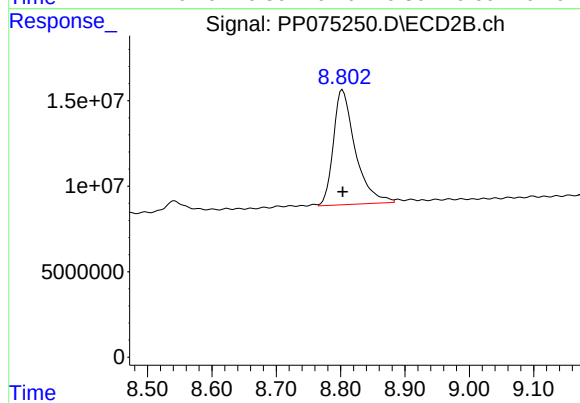
## #1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 156950937  
Conc: 24.55 ng/ml



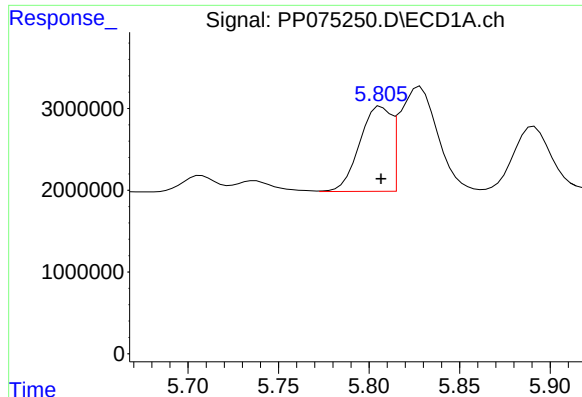
## #2 Decachlorobiphenyl

R.T.: 10.434 min  
Delta R.T.: 0.000 min  
Response: 25809061  
Conc: 26.46 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 158868308  
Conc: 25.48 ng/ml



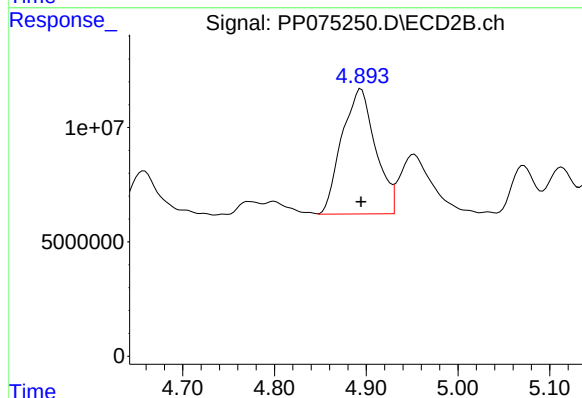
#3 AR-1016-1

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 12538461  
Conc: 272.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

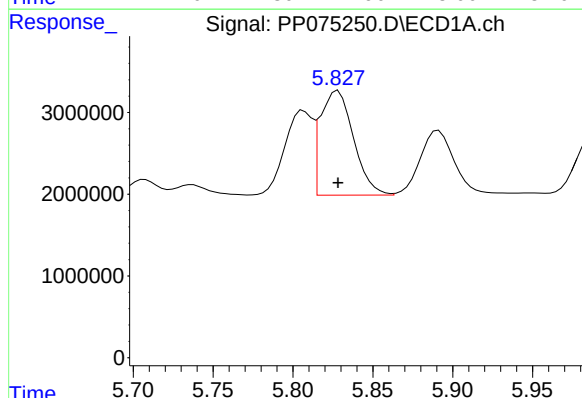
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



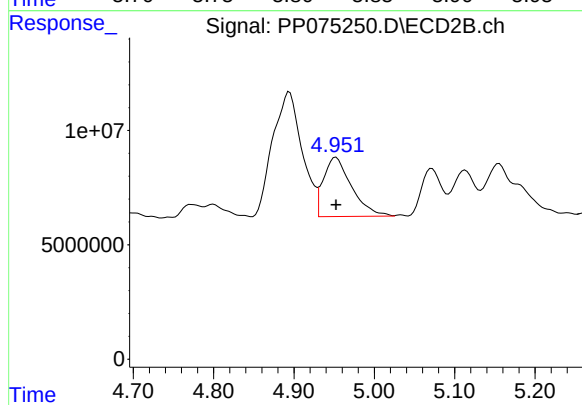
#3 AR-1016-1

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 139409723  
Conc: 247.36 ng/ml



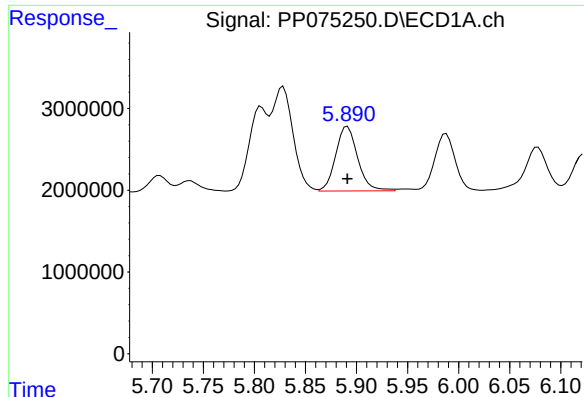
#4 AR-1016-2

R.T.: 5.828 min  
Delta R.T.: 0.000 min  
Response: 18566259  
Conc: 269.03 ng/ml



#4 AR-1016-2

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 63148573  
Conc: 244.10 ng/ml



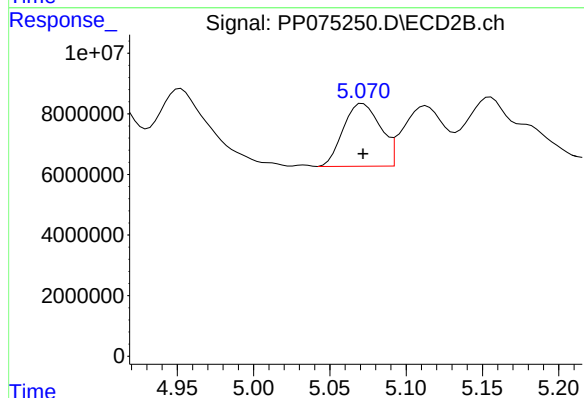
#5 AR-1016-3

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 11837993  
Conc: 274.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

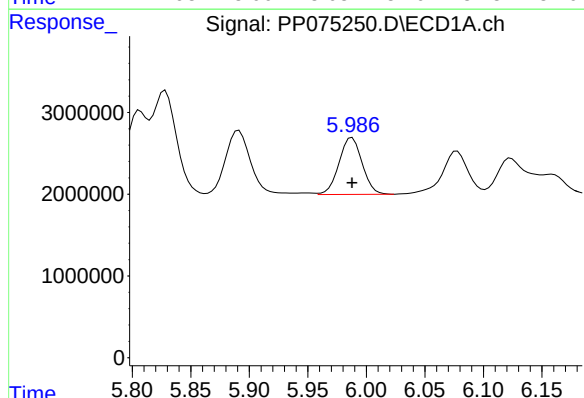
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



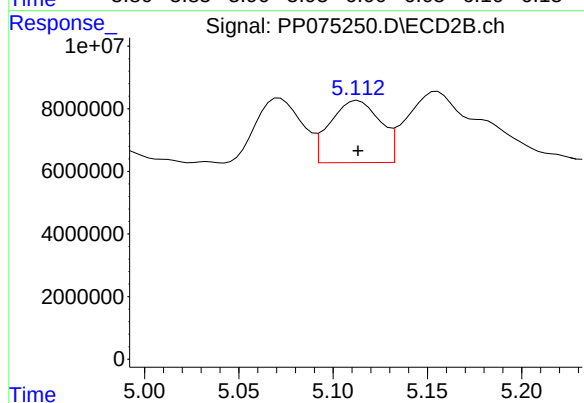
#5 AR-1016-3

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 35142091  
Conc: 244.99 ng/ml



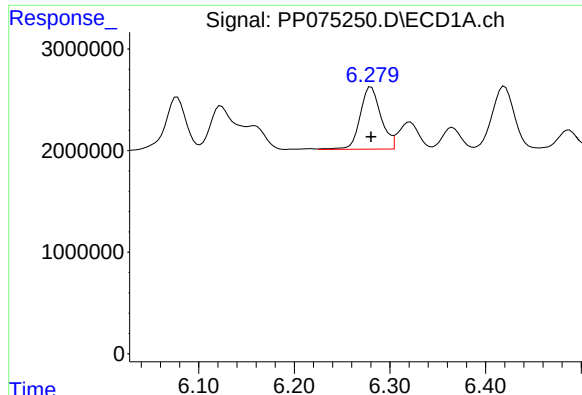
#6 AR-1016-4

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 9584076  
Conc: 270.70 ng/ml



#6 AR-1016-4

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 36742253  
Conc: 249.56 ng/ml



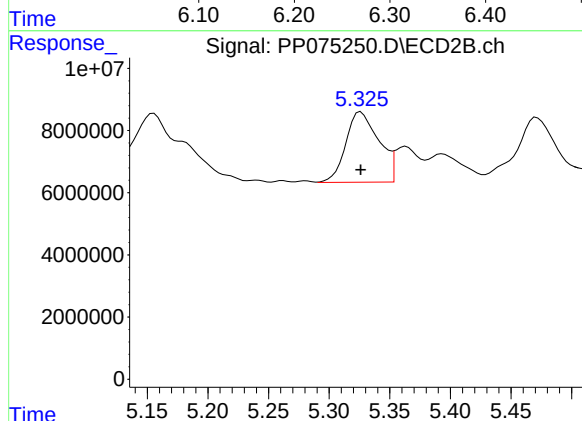
#7 AR-1016-5

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 9259844  
Conc: 271.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

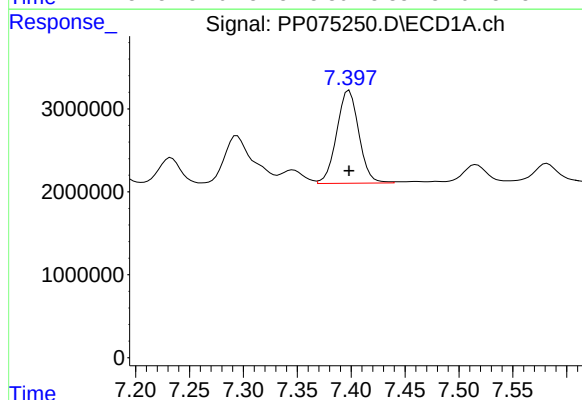
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



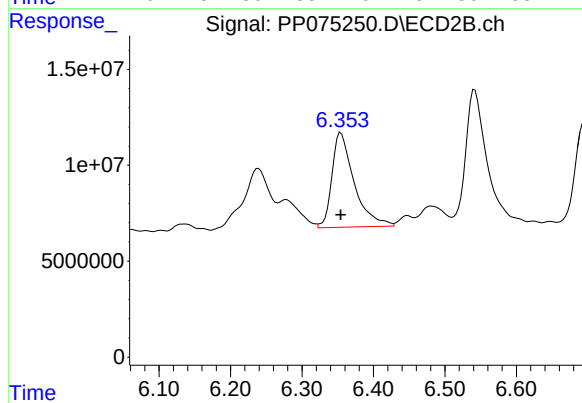
#7 AR-1016-5

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 42918309  
Conc: 259.29 ng/ml



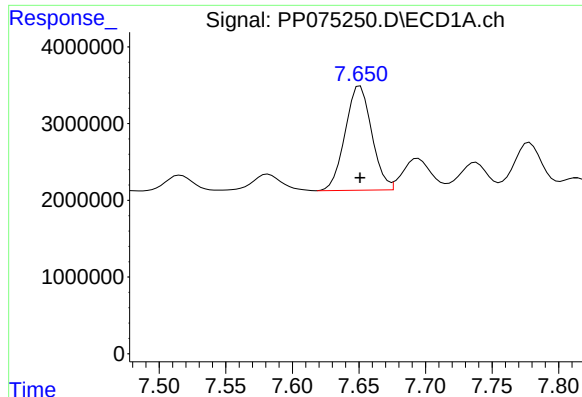
#31 AR-1260-1

R.T.: 7.398 min  
Delta R.T.: 0.000 min  
Response: 16026380  
Conc: 274.11 ng/ml



#31 AR-1260-1

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 106650518  
Conc: 264.07 ng/ml



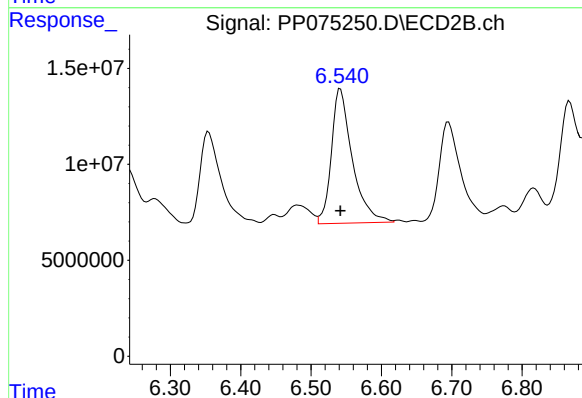
#32 AR-1260-2

R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 18926012  
Conc: 274.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

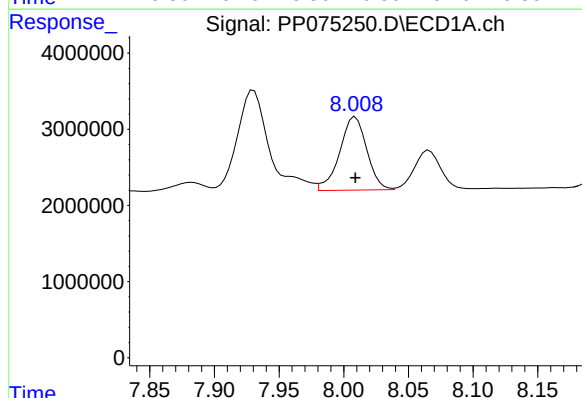
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



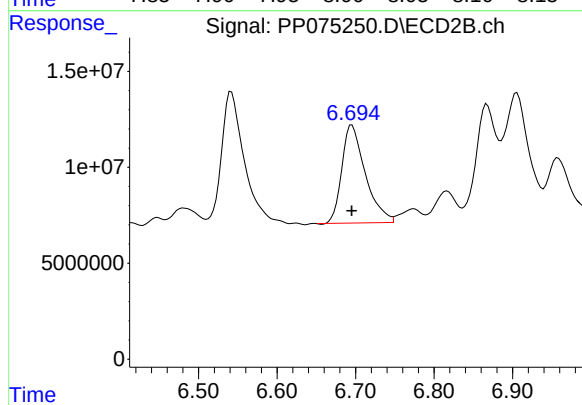
#32 AR-1260-2

R.T.: 6.542 min  
Delta R.T.: 0.000 min  
Response: 145117614  
Conc: 251.04 ng/ml



#33 AR-1260-3

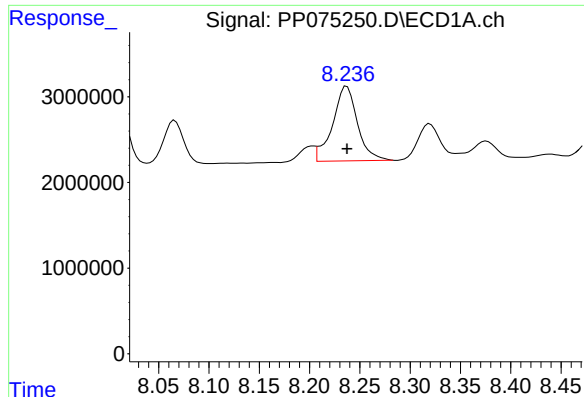
R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 14058591  
Conc: 270.08 ng/ml



#33 AR-1260-3

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 106550891  
Conc: 249.44 ng/ml





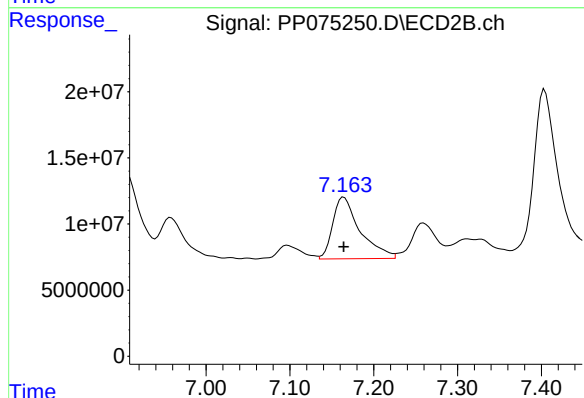
#34 AR-1260-4

R.T.: 8.236 min  
Delta R.T.: -0.001 min  
Response: 14811288  
Conc: 254.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

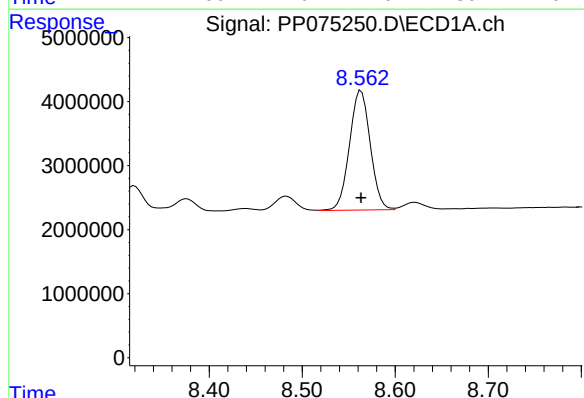
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



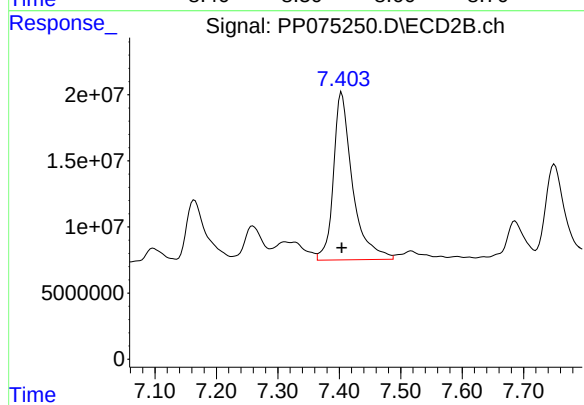
#34 AR-1260-4

R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 105797518  
Conc: 246.16 ng/ml



#35 AR-1260-5

R.T.: 8.563 min  
Delta R.T.: 0.000 min  
Response: 28952377  
Conc: 265.72 ng/ml



#35 AR-1260-5

R.T.: 7.404 min  
Delta R.T.: 0.000 min  
Response: 273534727  
Conc: 250.87 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075251.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 10:11  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:30:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:07:08 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...          | 4.662  | 3.796 | 6486797 | 24654655 | 4.958   | 4.041   |
| 2) SA Decachlor...          | 10.447 | 8.810 | 5429214 | 26095826 | 5.432m  | 4.326   |
| Target Compounds            |        |       |         |          |         |         |
| 3) L1 AR-1016-1             | 5.815  | 4.897 | 2807205 | 27537434 | 58.356  | 49.085  |
| 4) L1 AR-1016-2             | 5.837  | 4.954 | 4129694 | 12511665 | 57.574  | 48.683  |
| 5) L1 AR-1016-3             | 5.898  | 5.071 | 3009502 | 10128766 | 65.402m | 65.234  |
| 6) L1 AR-1016-4             | 5.997  | 5.115 | 1828194 | 7296933  | 51.301  | 49.650  |
| 7) L1 AR-1016-5             | 6.288  | 5.331 | 1612829 | 7740730  | 48.062m | 47.378  |
| 31) L7 AR-1260-1            | 7.406  | 6.357 | 3336459 | 20710780 | 56.486m | 51.020  |
| 32) L7 AR-1260-2            | 7.660  | 6.545 | 4392403 | 28346486 | 62.449  | 49.227  |
| 33) L7 AR-1260-3            | 8.018  | 6.695 | 3125448 | 21589727 | 57.724  | 50.432m |
| 34) L7 AR-1260-4            | 8.246  | 7.168 | 2962892 | 21848445 | 51.832m | 52.185  |
| 35) L7 AR-1260-5            | 8.573  | 7.405 | 5660626 | 44925783 | 51.550  | 43.361m |
| -----                       |        |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075251.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 10:11  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

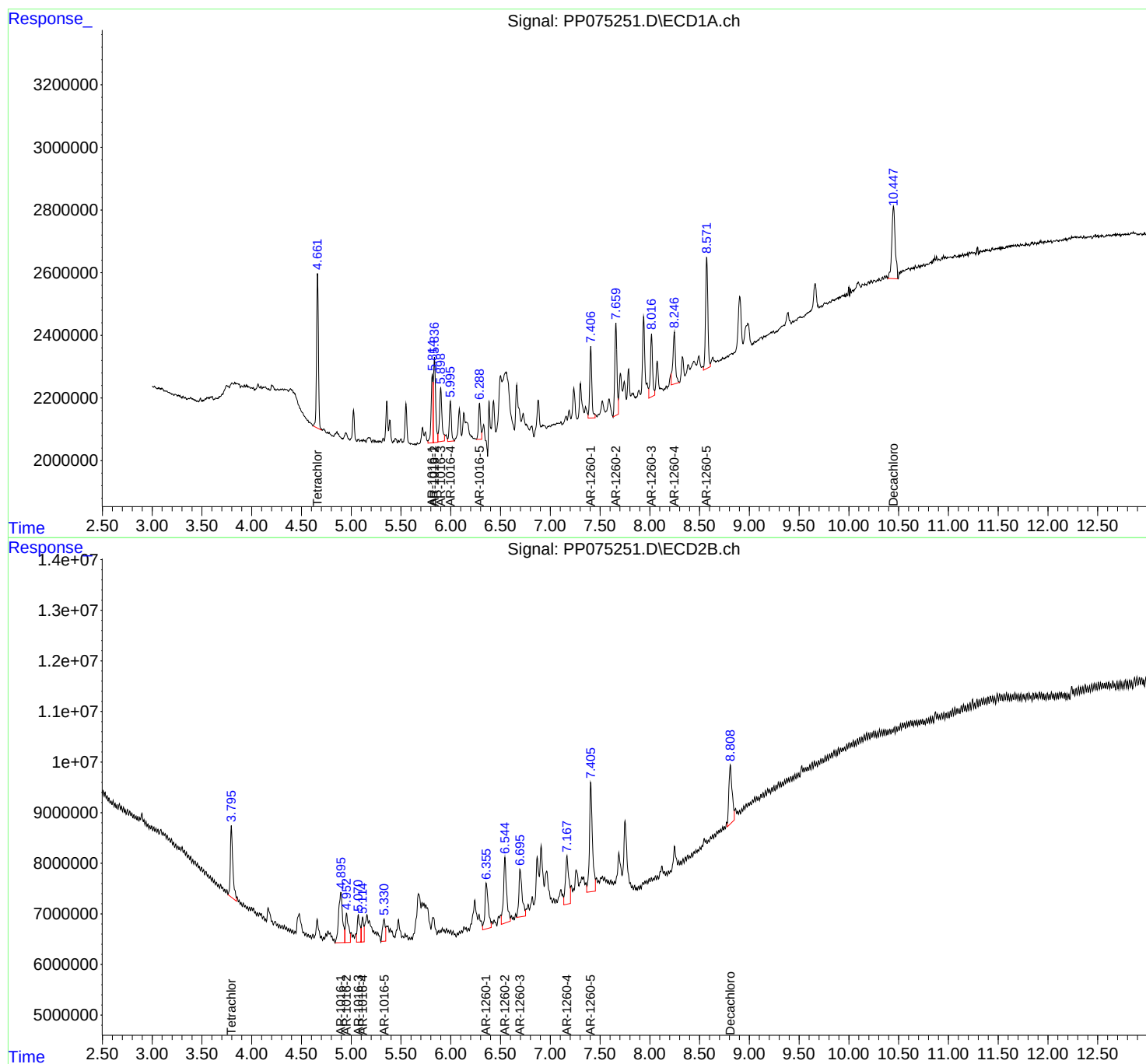
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

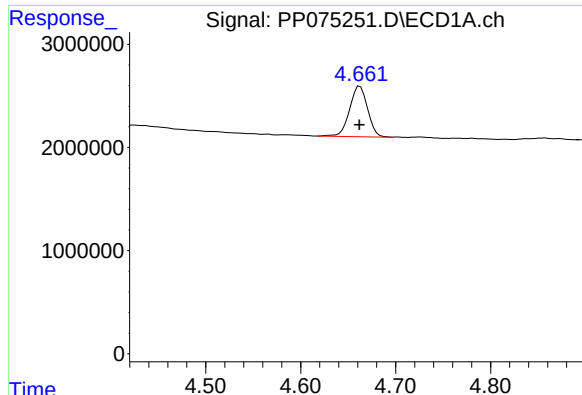
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:30:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:07:08 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.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 6486797  
Conc: 4.96 ng/ml

Instrument :

ECD\_P

ClientSampleId :

AR1660ICC050

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/24/2025

Supervised By :mohammad ahmed 09/25/2025

## #1 Tetrachloro-m-xylene

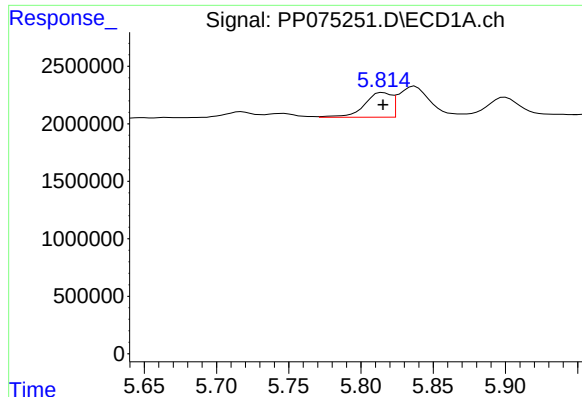
R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 24654655  
Conc: 4.04 ng/ml

## #2 Decachlorobiphenyl

R.T.: 10.447 min  
Delta R.T.: 0.000 min  
Response: 5429214  
Conc: 5.43 ng/ml m

## #2 Decachlorobiphenyl

R.T.: 8.810 min  
Delta R.T.: 0.000 min  
Response: 26095826  
Conc: 4.33 ng/ml



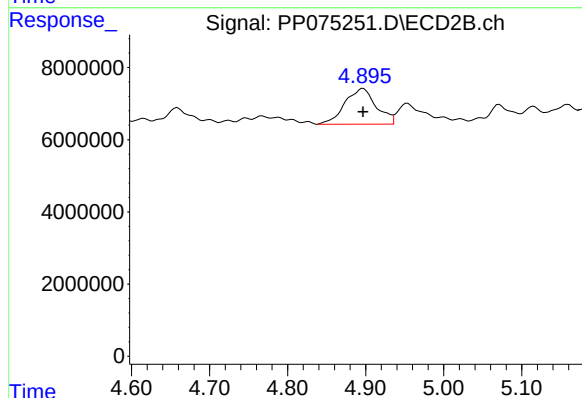
#3 AR-1016-1

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 2807205  
Conc: 58.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

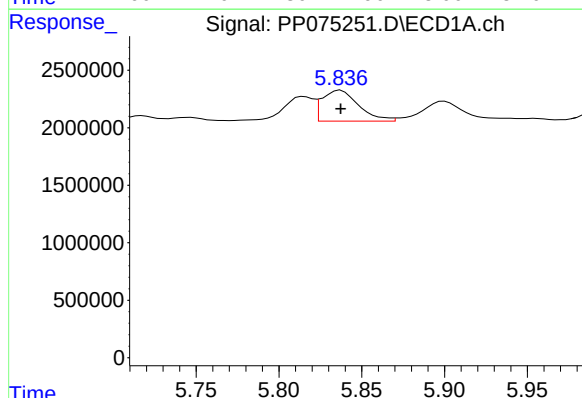
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



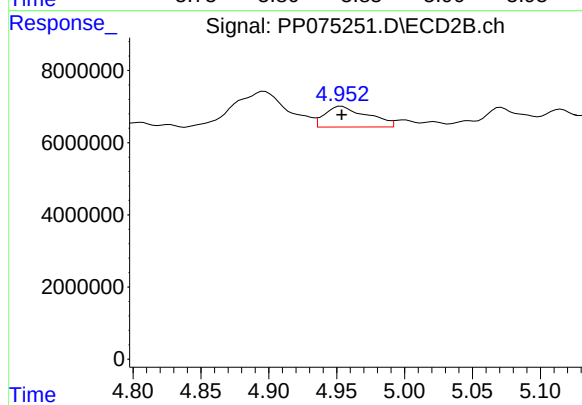
#3 AR-1016-1

R.T.: 4.897 min  
Delta R.T.: 0.000 min  
Response: 27537434  
Conc: 49.09 ng/ml



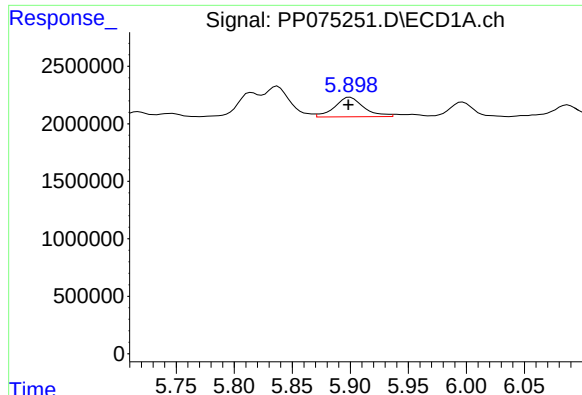
#4 AR-1016-2

R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 4129694  
Conc: 57.57 ng/ml



#4 AR-1016-2

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 12511665  
Conc: 48.68 ng/ml



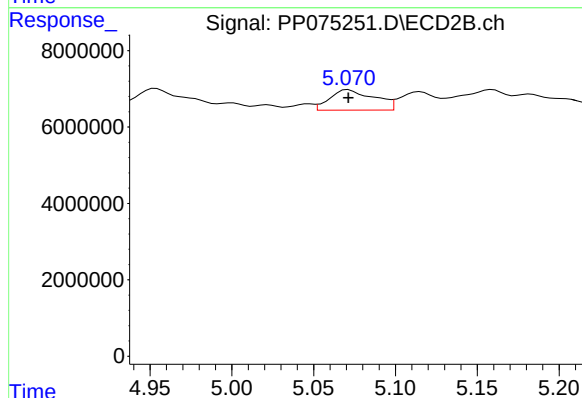
#5 AR-1016-3

R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 3009502  
Conc: 65.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

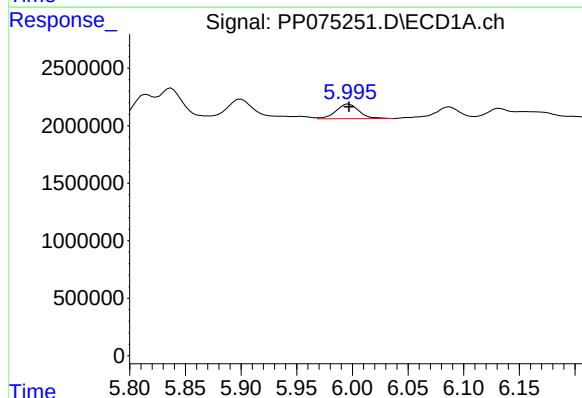
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



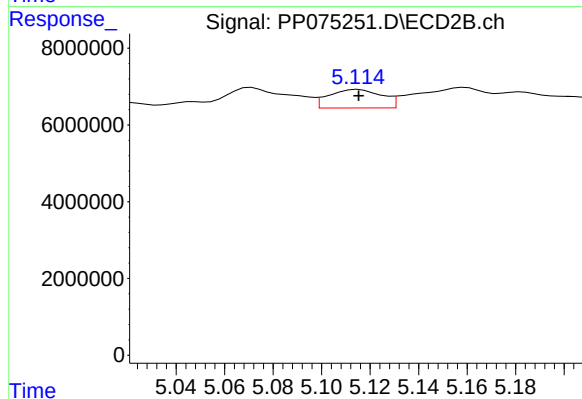
#5 AR-1016-3

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 10128766  
Conc: 65.23 ng/ml



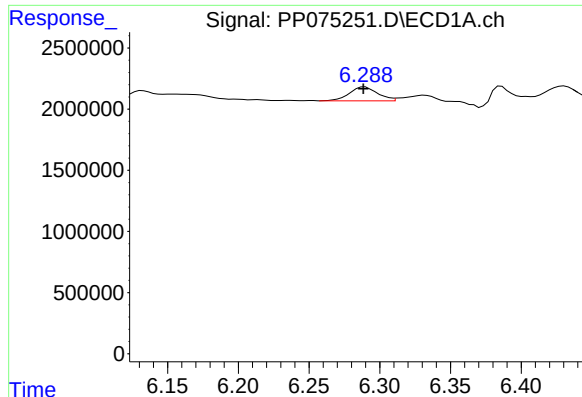
#6 AR-1016-4

R.T.: 5.997 min  
Delta R.T.: 0.000 min  
Response: 1828194  
Conc: 51.30 ng/ml



#6 AR-1016-4

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 7296933  
Conc: 49.65 ng/ml



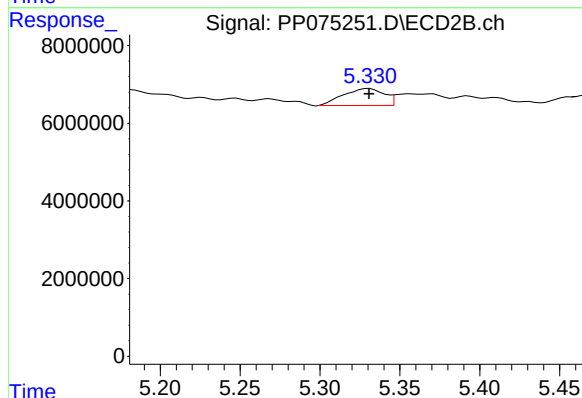
#7 AR-1016-5

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 1612829  
Conc: 48.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

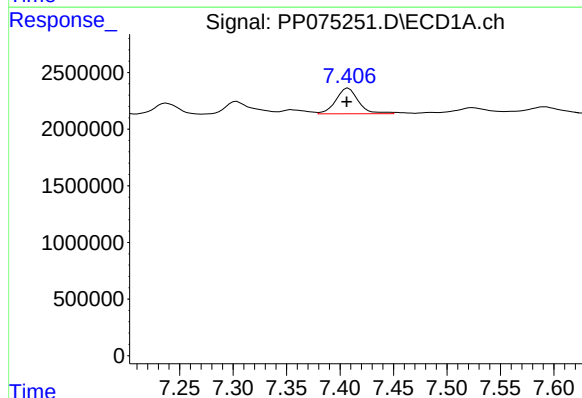
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



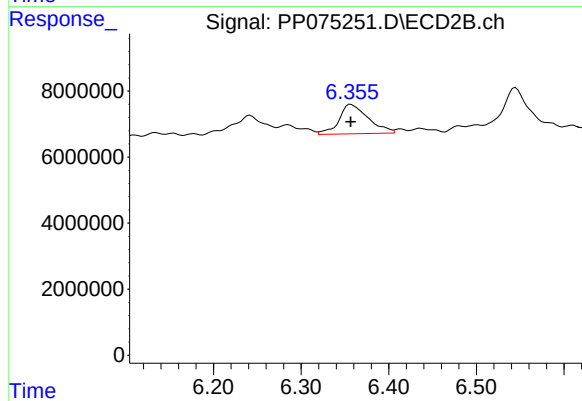
#7 AR-1016-5

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 7740730  
Conc: 47.38 ng/ml



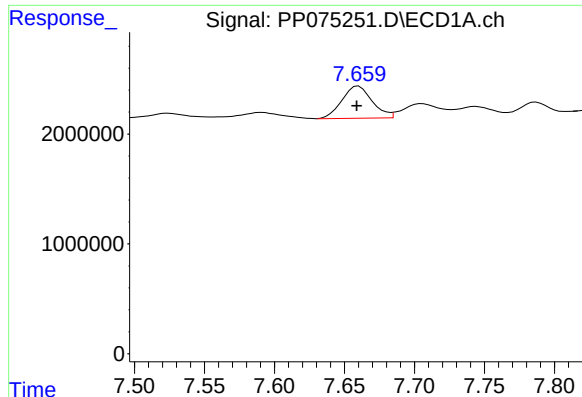
#31 AR-1260-1

R.T.: 7.406 min  
Delta R.T.: 0.000 min  
Response: 3336459  
Conc: 56.49 ng/ml m



#31 AR-1260-1

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 20710780  
Conc: 51.02 ng/ml



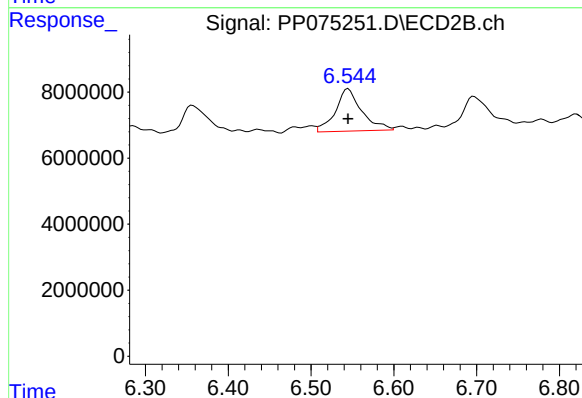
#32 AR-1260-2

R.T.: 7.660 min  
Delta R.T.: 0.001 min  
Response: 4392403  
Conc: 62.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

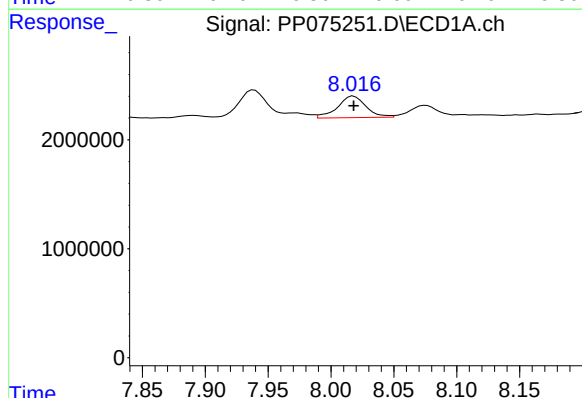
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



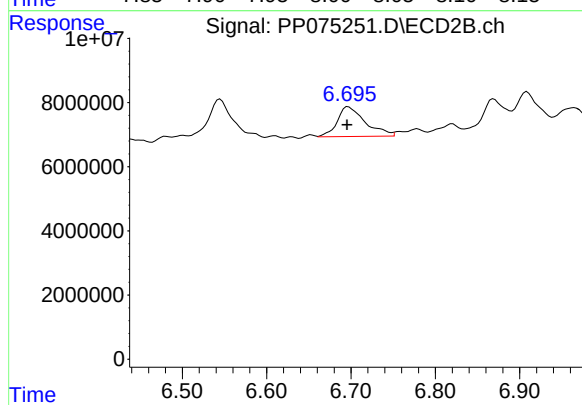
#32 AR-1260-2

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 28346486  
Conc: 49.23 ng/ml



#33 AR-1260-3

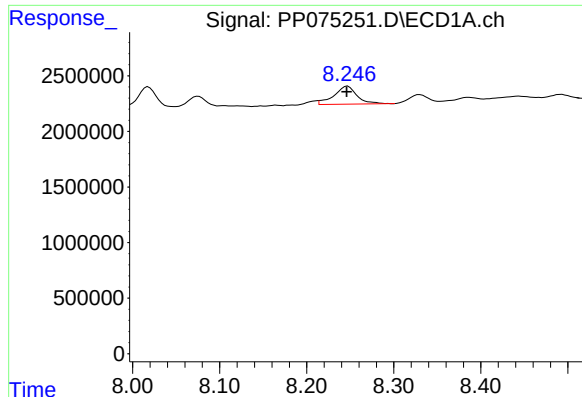
R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 3125448  
Conc: 57.72 ng/ml



#33 AR-1260-3

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 21589727  
Conc: 50.43 ng/ml m





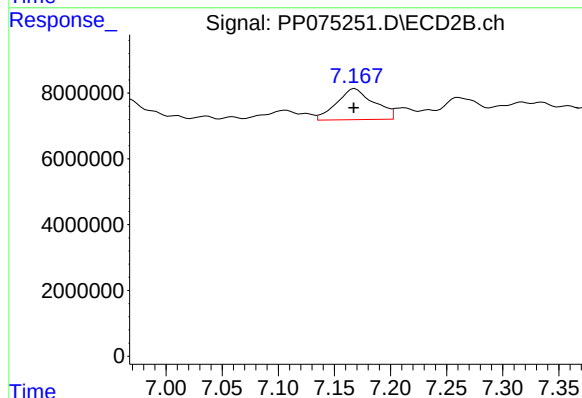
#34 AR-1260-4

R.T.: 8.246 min  
Delta R.T.: 0.000 min  
Response: 2962892  
Conc: 51.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

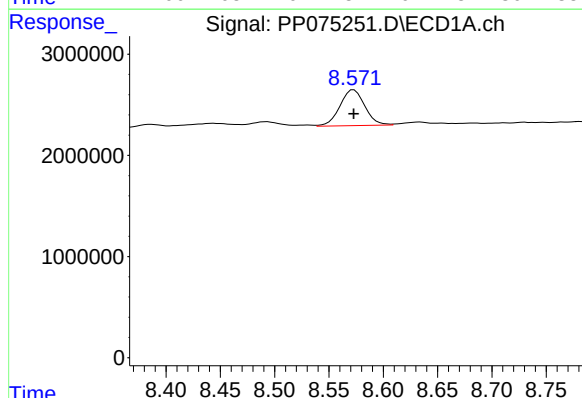
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



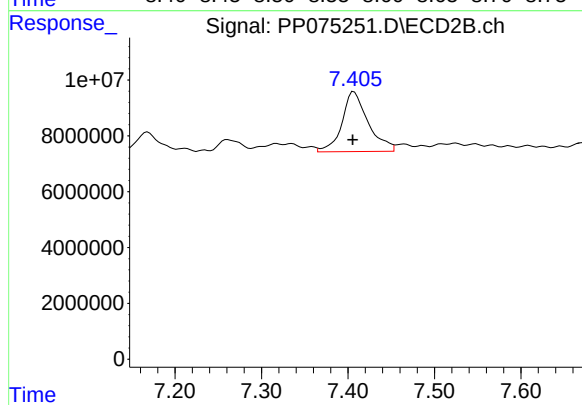
#34 AR-1260-4

R.T.: 7.168 min  
Delta R.T.: 0.001 min  
Response: 21848445  
Conc: 52.18 ng/ml



#35 AR-1260-5

R.T.: 8.573 min  
Delta R.T.: 0.000 min  
Response: 5660626  
Conc: 51.55 ng/ml



#35 AR-1260-5

R.T.: 7.405 min  
Delta R.T.: 0.000 min  
Response: 44925783  
Conc: 43.36 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075252.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 10:27  
 Operator : YP\AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 12:52:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 12:52:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.660  | 3.797 | 66333410 | 311.2E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.443 | 8.805 | 49168629 | 311.8E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.860  | 4.008 | 9245327  | 38238805 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.946  | 4.093 | 6848929  | 26131566 | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 5.021  | 4.168 | 20698858 | 95202751 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

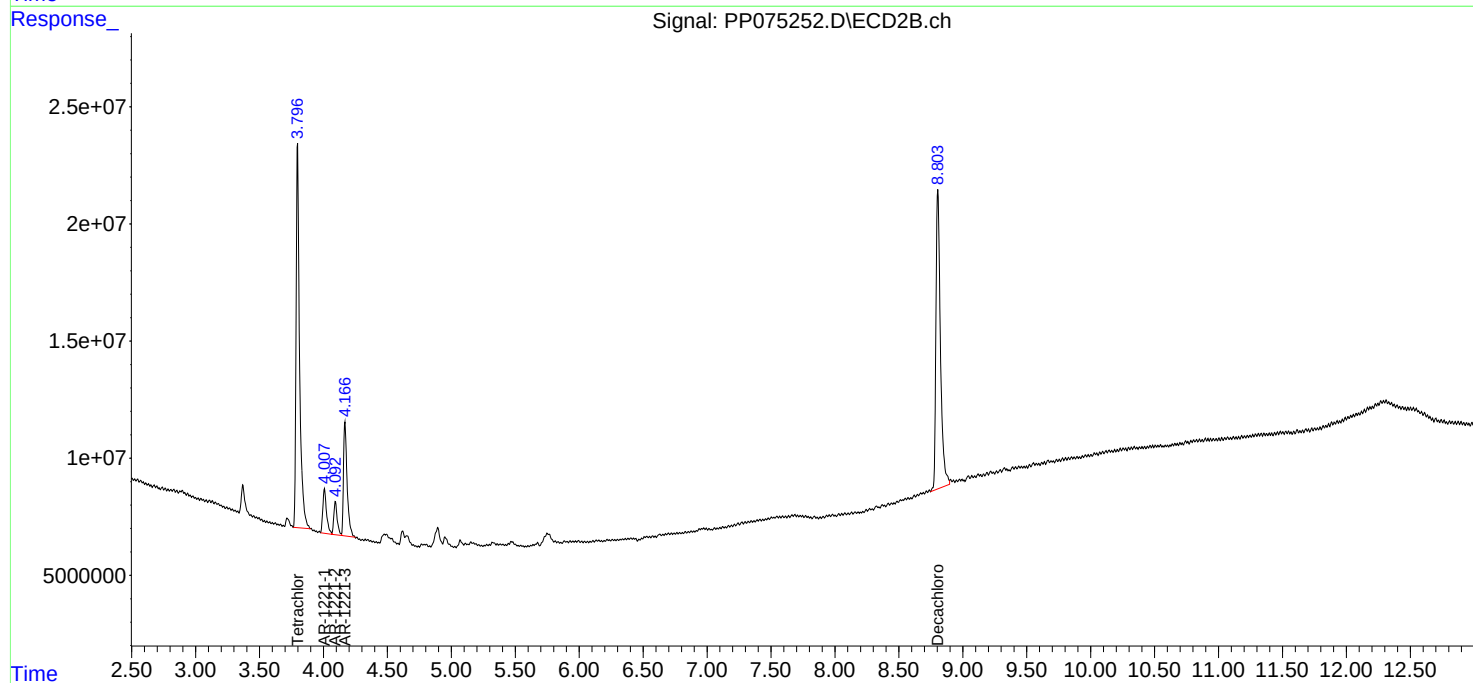
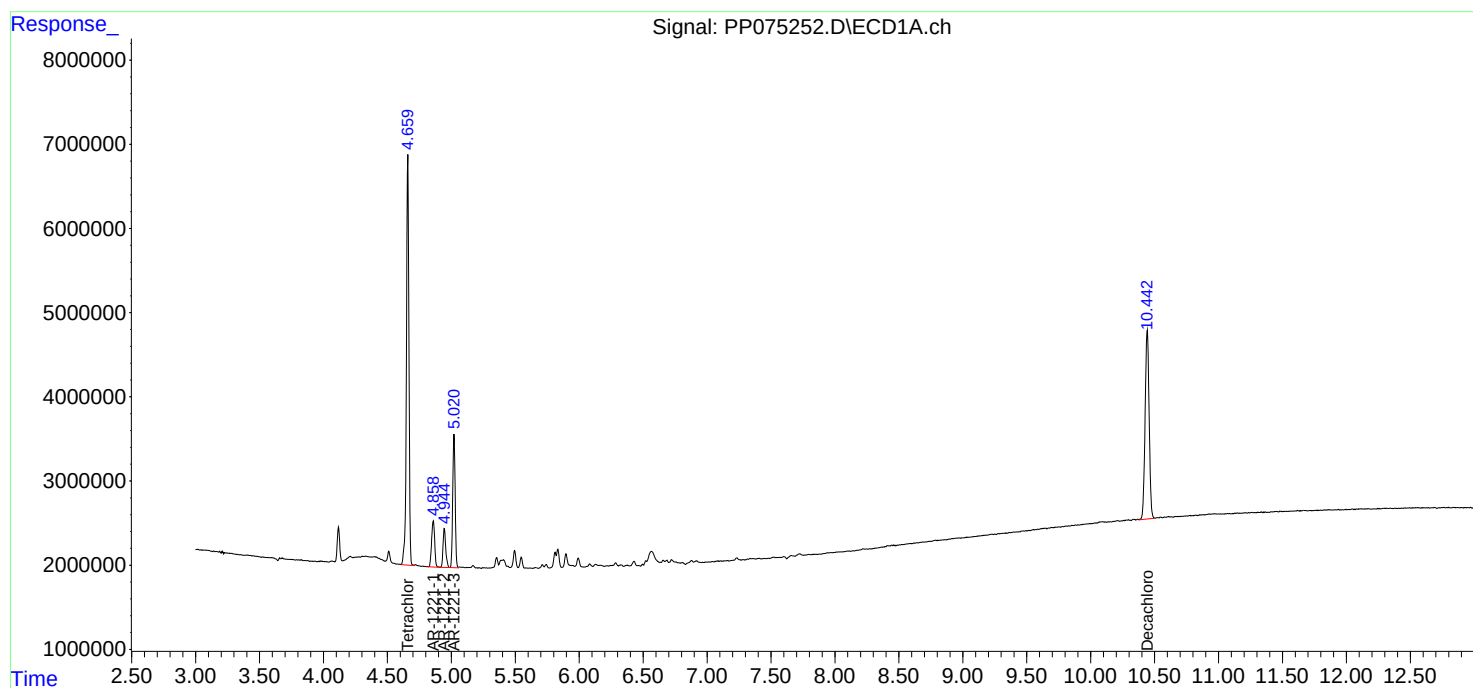
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

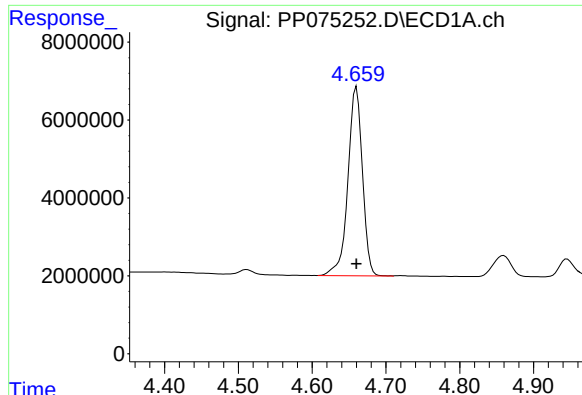
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075252.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 10:27  
Operator : YP\AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 12:52:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 12:52:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

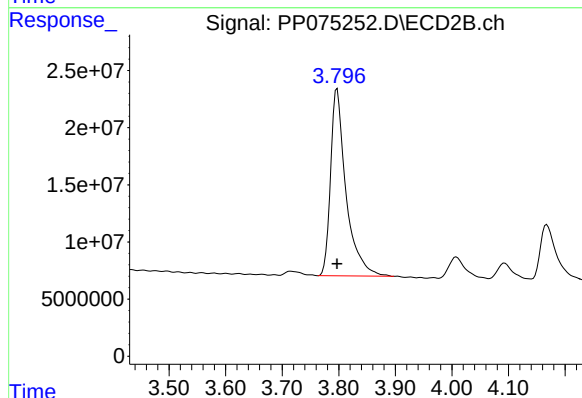




## #1 Tetrachloro-m-xylene

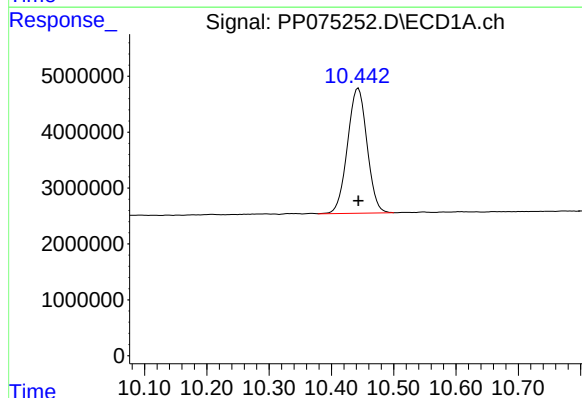
R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 66333410  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500



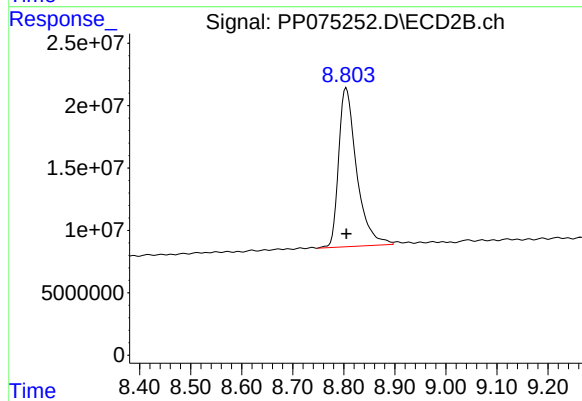
## #1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 311163134  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.443 min  
Delta R.T.: 0.000 min  
Response: 49168629  
Conc: 50.00 ng/ml

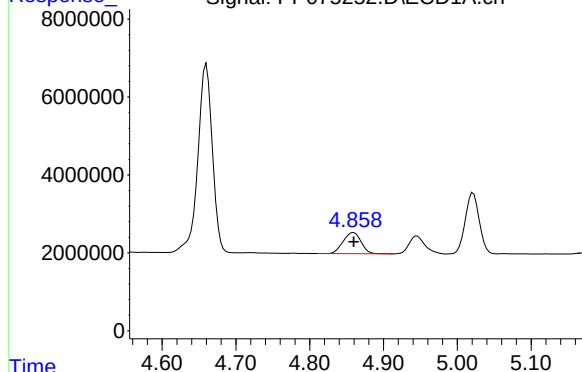


## #2 Decachlorobiphenyl

R.T.: 8.805 min  
Delta R.T.: 0.000 min  
Response: 311812597  
Conc: 50.00 ng/ml

Signal: PP075252.D\ECD1A.ch

#8 AR-1221-1

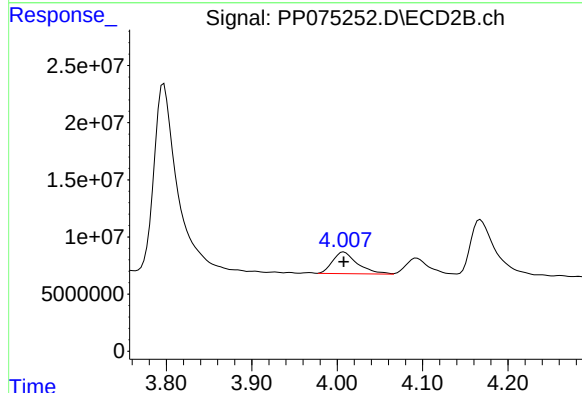


R.T.: 4.860 min  
Delta R.T.: 0.000 min  
Response: 9245327  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500

Signal: PP075252.D\ECD2B.ch

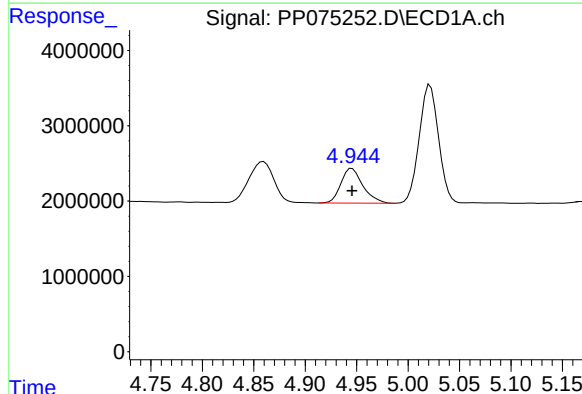
#8 AR-1221-1



R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 38238805  
Conc: 500.00 ng/ml

Signal: PP075252.D\ECD1A.ch

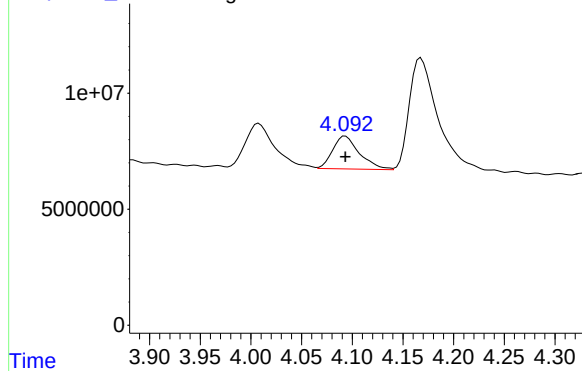
#9 AR-1221-2



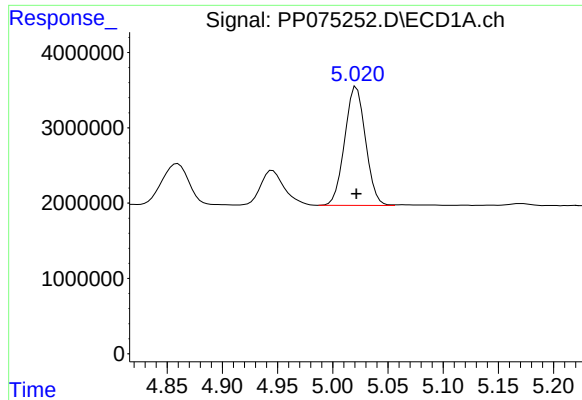
R.T.: 4.946 min  
Delta R.T.: 0.000 min  
Response: 6848929  
Conc: 500.00 ng/ml

Signal: PP075252.D\ECD2B.ch

#9 AR-1221-2



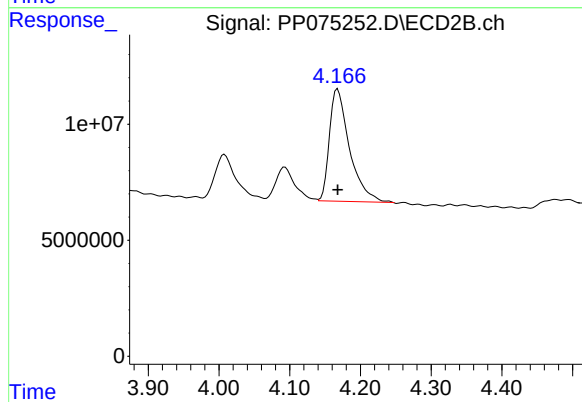
R.T.: 4.093 min  
Delta R.T.: 0.000 min  
Response: 26131566  
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 20698858  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500



#10 AR-1221-3

R.T.: 4.168 min  
Delta R.T.: 0.000 min  
Response: 95202751  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075253.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 10:43  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:16:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:16:43 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...          | 4.657  | 3.797 | 66756778 | 323.1E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.440 | 8.805 | 50078510 | 307.1E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 5.018  | 4.168 | 16057787 | 73283142 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.544  | 4.894 | 8387436  | 126.1E6  | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.831  | 5.071 | 16720373 | 31507455 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.990  | 5.154 | 8649563  | 51581797 | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 6.080  | 5.326 | 6002207  | 32023272 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

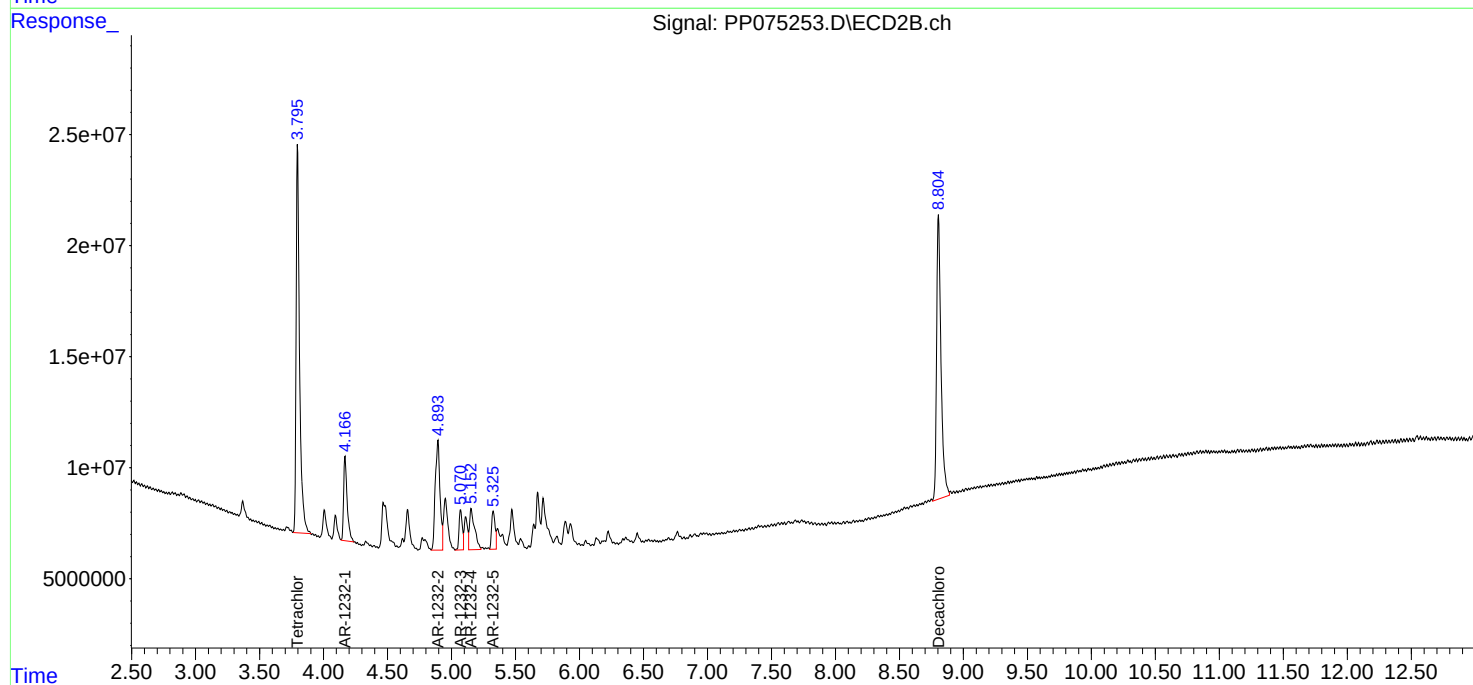
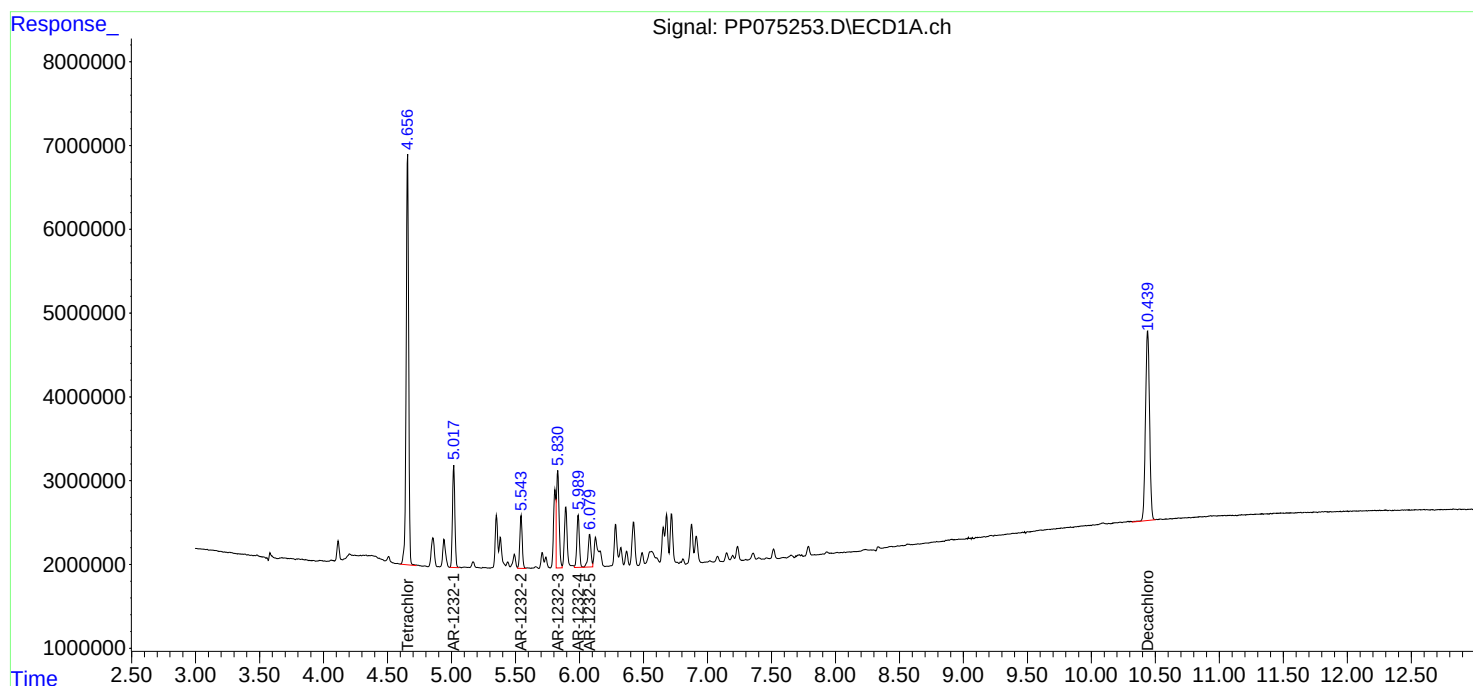
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075253.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 10:43  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

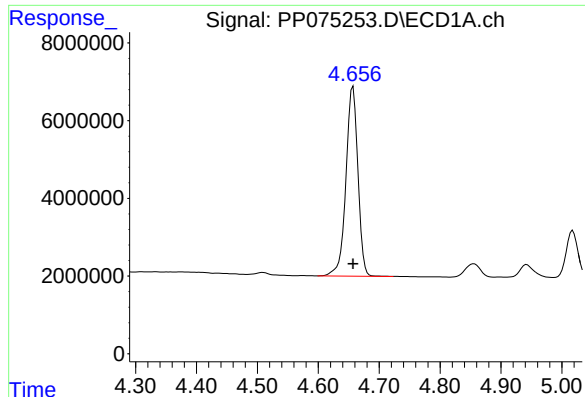
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:16:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:16:43 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



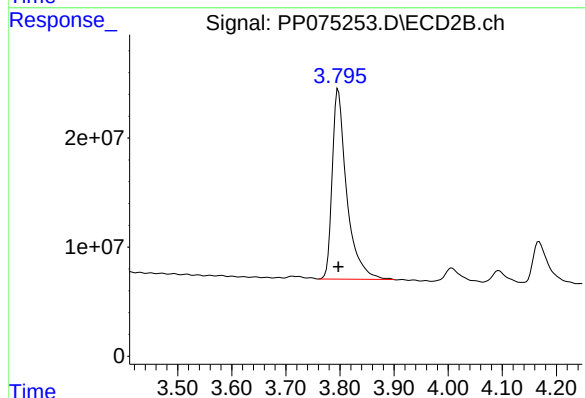




## #1 Tetrachloro-m-xylene

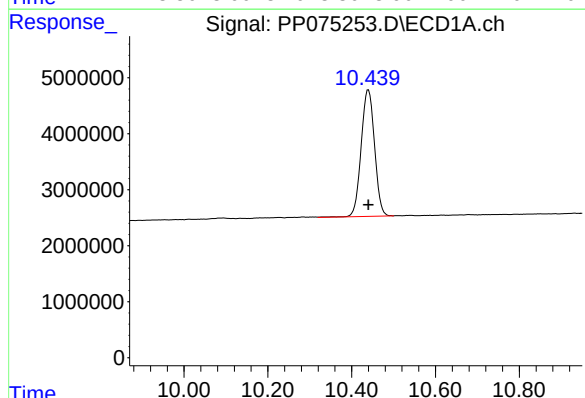
R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 66756778  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



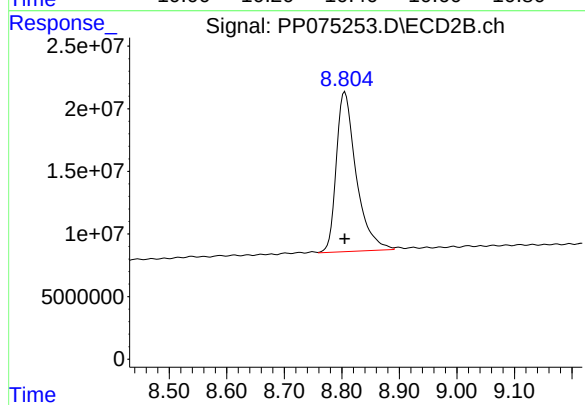
## #1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 323108376  
Conc: 50.00 ng/ml



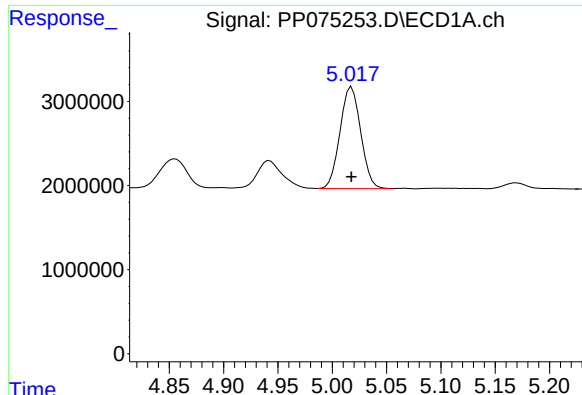
## #2 Decachlorobiphenyl

R.T.: 10.440 min  
Delta R.T.: 0.000 min  
Response: 50078510  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

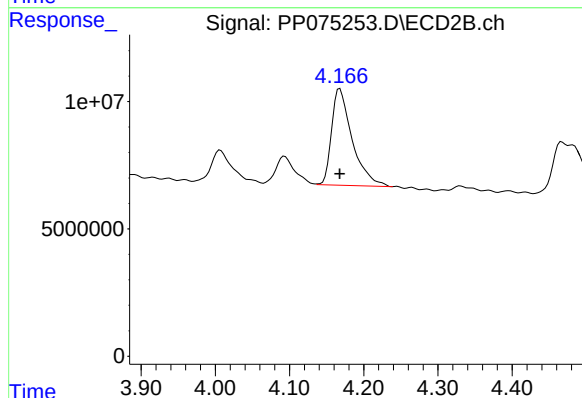
R.T.: 8.805 min  
Delta R.T.: 0.000 min  
Response: 307122792  
Conc: 50.00 ng/ml



#11 AR-1232-1

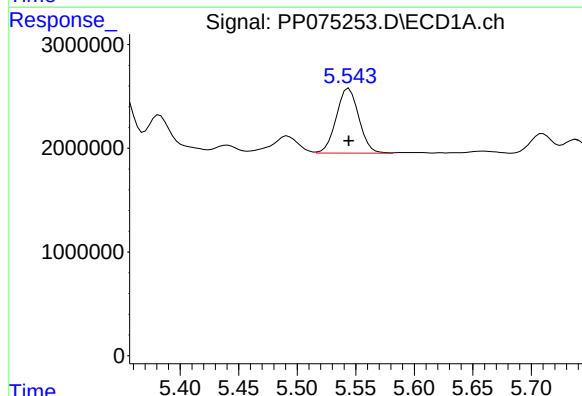
R.T.: 5.018 min  
Delta R.T.: 0.000 min  
Response: 16057787  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



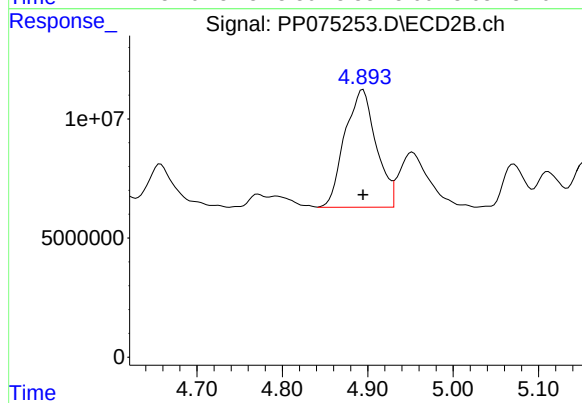
#11 AR-1232-1

R.T.: 4.168 min  
Delta R.T.: 0.000 min  
Response: 73283142  
Conc: 500.00 ng/ml



#12 AR-1232-2

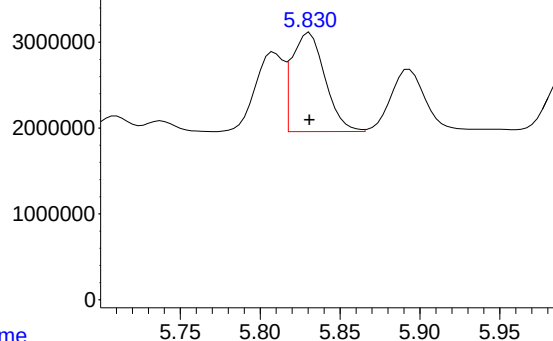
R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 8387436  
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 126098814  
Conc: 500.00 ng/ml

Response\_ Signal: PP075253.D\ECD1A.ch

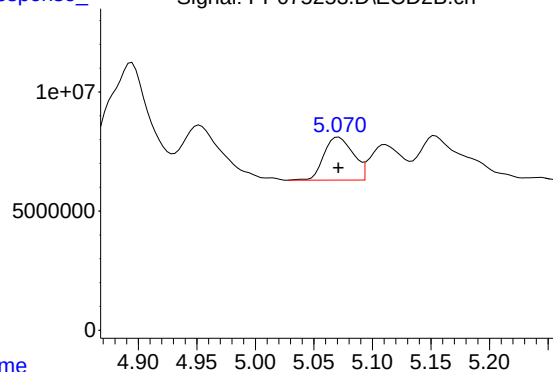


#13 AR-1232-3

R.T.: 5.831 min  
Delta R.T.: 0.000 min  
Response: 16720373  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

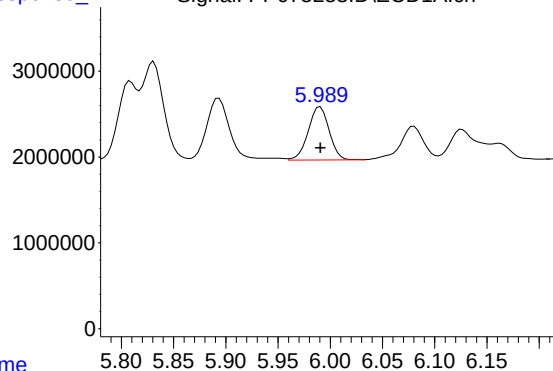
Time Response\_ Signal: PP075253.D\ECD2B.ch



#13 AR-1232-3

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 31507455  
Conc: 500.00 ng/ml

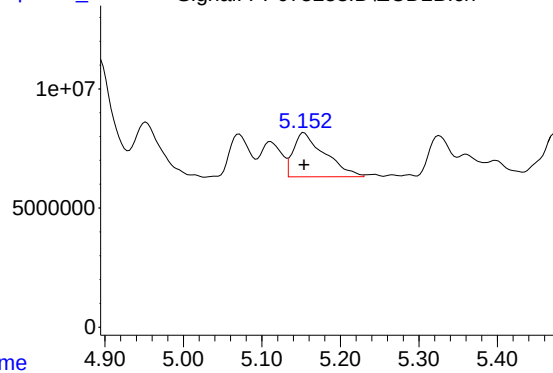
Time Response\_ Signal: PP075253.D\ECD1A.ch



#14 AR-1232-4

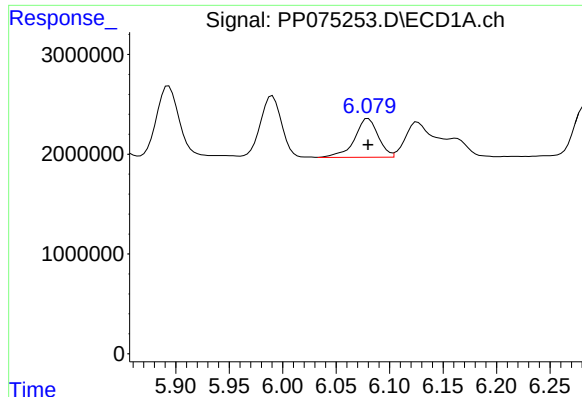
R.T.: 5.990 min  
Delta R.T.: 0.000 min  
Response: 8649563  
Conc: 500.00 ng/ml

Time Response\_ Signal: PP075253.D\ECD2B.ch



#14 AR-1232-4

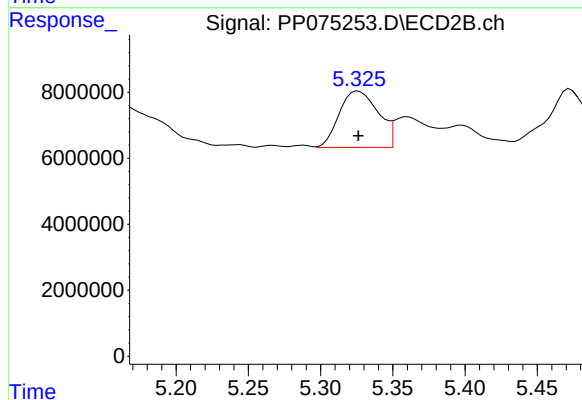
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 51581797  
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 6002207  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500



#15 AR-1232-5

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 32023272  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075254.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 11:00  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC1000

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:48:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:43:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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... | 4.660  | 3.799 | 123.6E6  | 637.1E6 | 96.711  | 102.369  |
| 2)                          | SA Decachlor... | 10.443 | 8.807 | 92662703 | 621.0E6 | 96.022  | 98.992   |
|                             |                 |        |       |          |         |         |          |
| Target Compounds            |                 |        |       |          |         |         |          |
| 16)                         | L4 AR-1242-1    | 5.812  | 4.896 | 36886529 | 472.2E6 | 944.472 | 985.391  |
| 17)                         | L4 AR-1242-2    | 5.834  | 4.954 | 55040068 | 217.5E6 | 954.815 | 1002.295 |
| 18)                         | L4 AR-1242-3    | 5.896  | 5.073 | 34279044 | 123.3E6 | 940.039 | 1006.547 |
| 19)                         | L4 AR-1242-4    | 5.993  | 5.155 | 28461551 | 159.3E6 | 952.139 | 958.832m |
| 20)                         | L4 AR-1242-5    | 6.723  | 5.677 | 31568865 | 192.1E6 | 939.198 | 994.431  |
| -----                       |                 |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075254.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 11:00  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

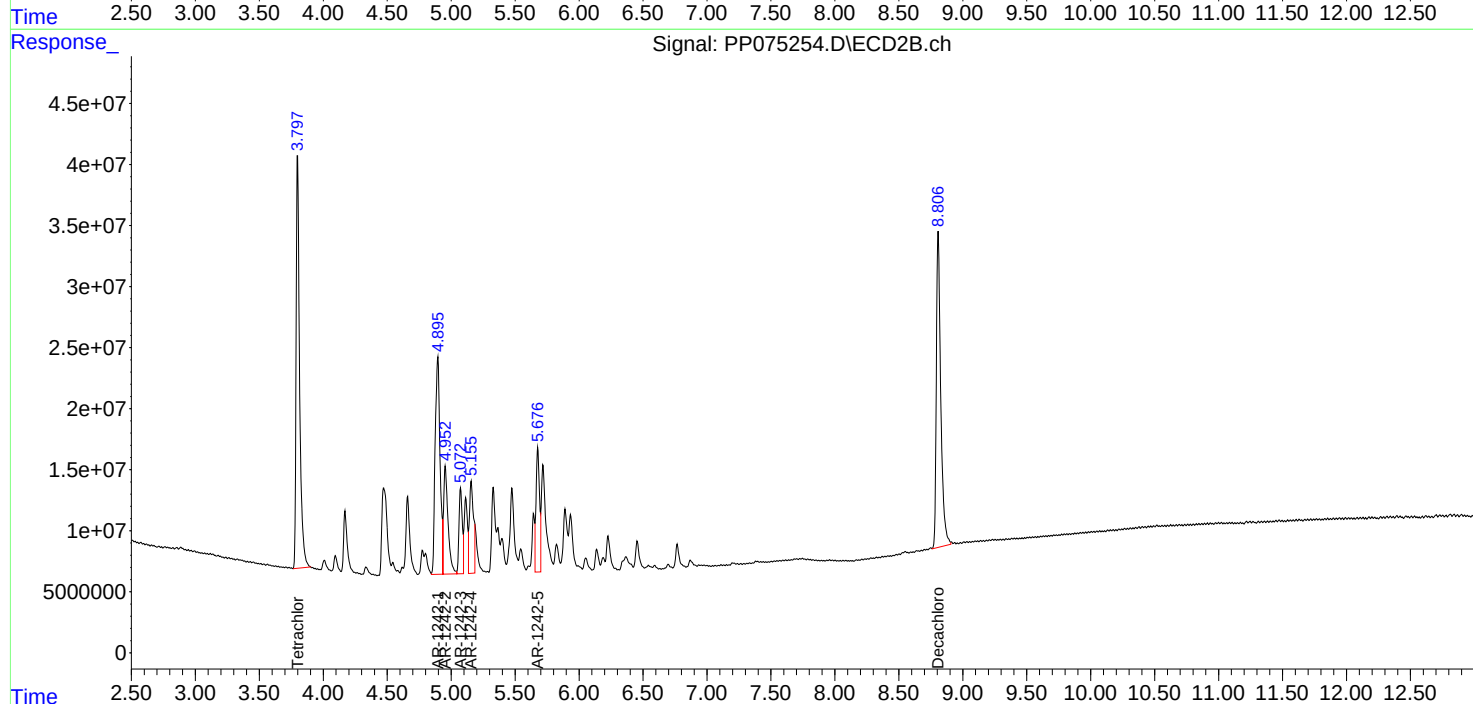
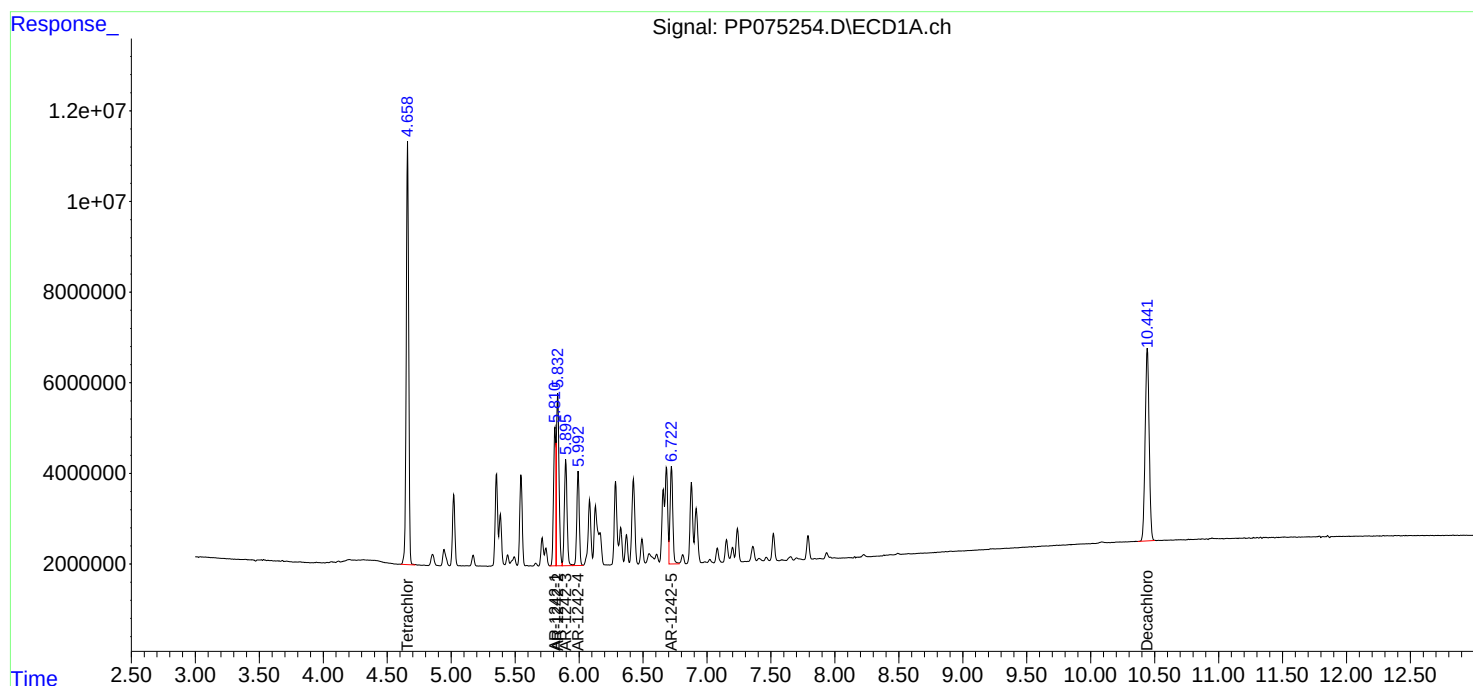
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:48:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:43:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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: PP075254.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 123623850  
Conc: 96.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
APPROVED

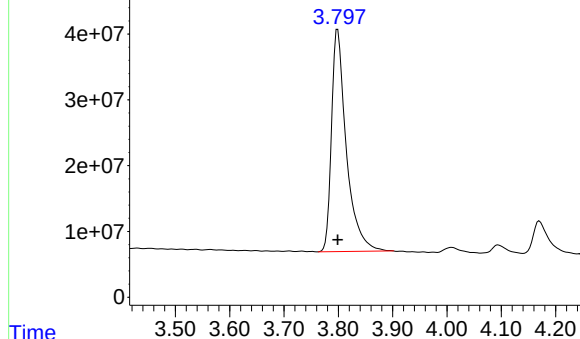
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Time

Response\_ Signal: PP075254.D\ECD2B.ch

#1 Tetrachloro-m-xylene

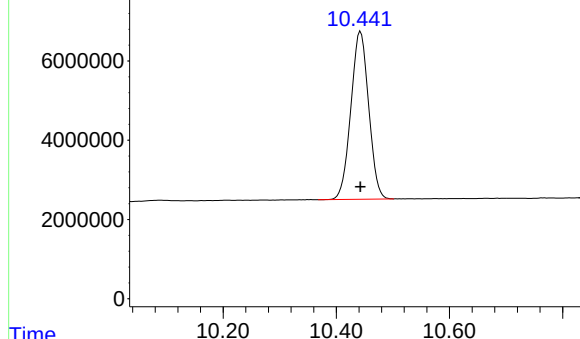
R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 637105784  
Conc: 102.37 ng/ml



Response\_ Signal: PP075254.D\ECD1A.ch

#2 Decachlorobiphenyl

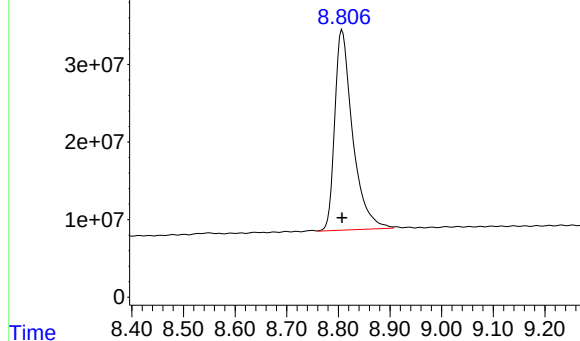
R.T.: 10.443 min  
Delta R.T.: 0.000 min  
Response: 92662703  
Conc: 96.02 ng/ml



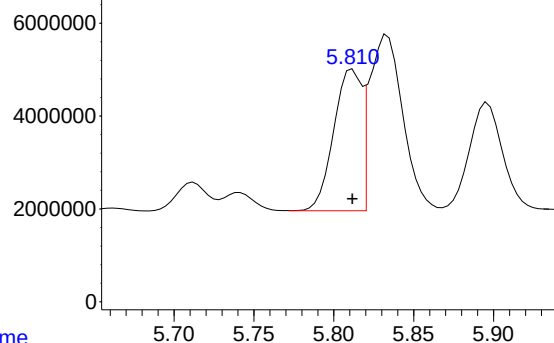
Response\_ Signal: PP075254.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 621028389  
Conc: 98.99 ng/ml



Response\_ Signal: PP075254.D\ECD1A.ch



#16 AR-1242-1

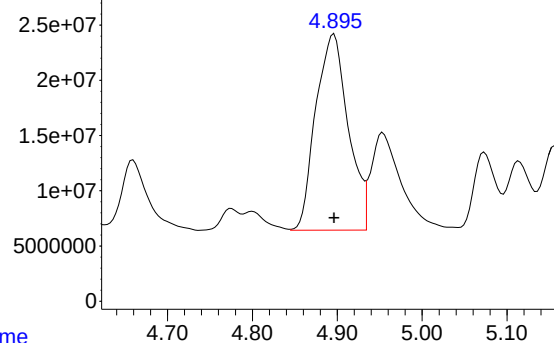
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 36886529  
Conc: 944.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

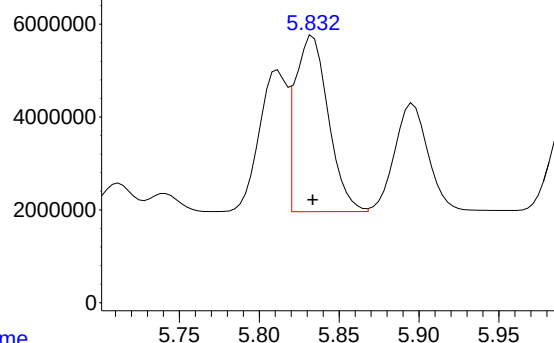
Time Response\_ Signal: PP075254.D\ECD2B.ch



#16 AR-1242-1

R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 472236904  
Conc: 985.39 ng/ml

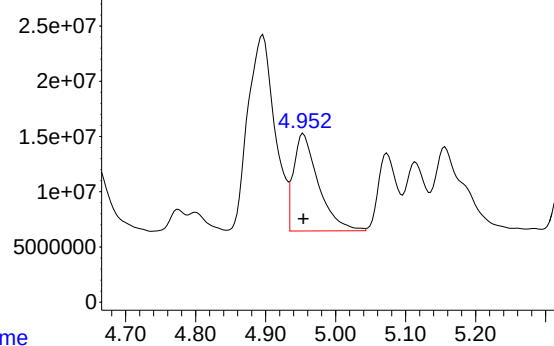
Time Response\_ Signal: PP075254.D\ECD1A.ch



#17 AR-1242-2

R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 55040068  
Conc: 954.81 ng/ml

Time Response\_ Signal: PP075254.D\ECD2B.ch

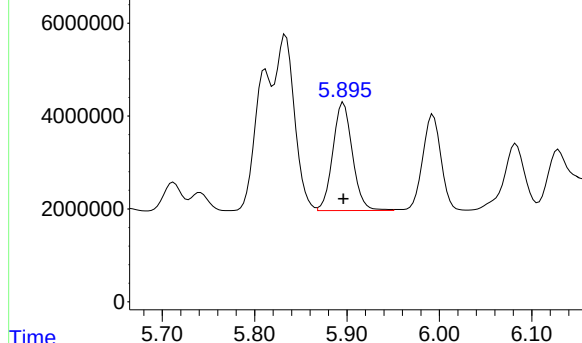


#17 AR-1242-2

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 217510086  
Conc: 1002.30 ng/ml



Response\_ Signal: PP075254.D\ECD1A.ch



#18 AR-1242-3

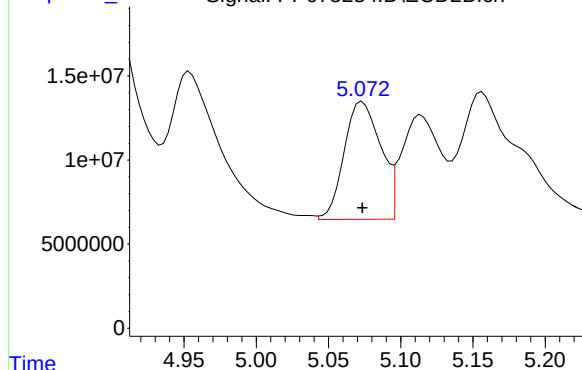
R.T.: 5.896 min  
Delta R.T.: 0.000 min  
Response: 34279044  
Conc: 940.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

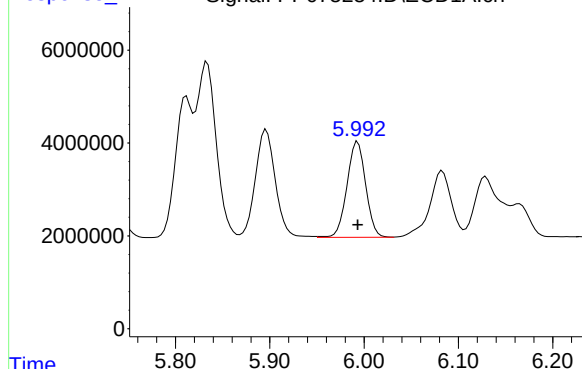
Time Response\_ Signal: PP075254.D\ECD2B.ch



#18 AR-1242-3

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 123250580  
Conc: 1006.55 ng/ml

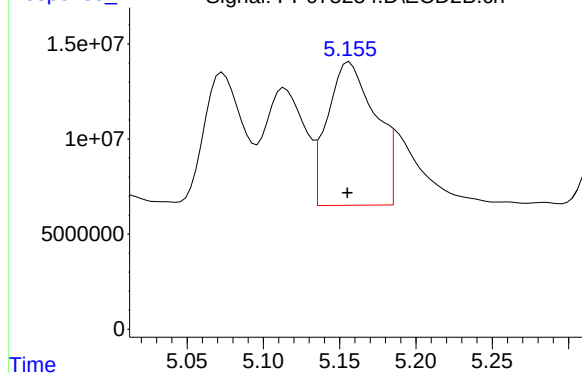
Time Response\_ Signal: PP075254.D\ECD1A.ch



#19 AR-1242-4

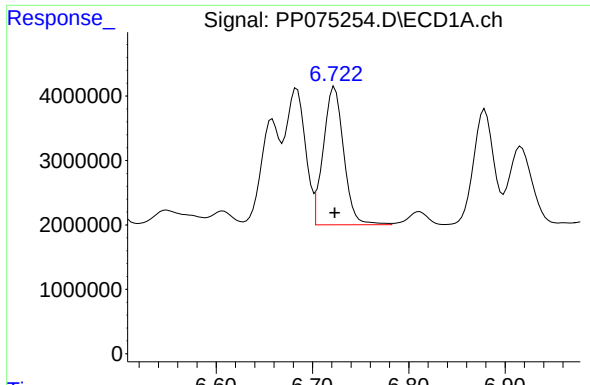
R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 28461551  
Conc: 952.14 ng/ml

Time Response\_ Signal: PP075254.D\ECD2B.ch



#19 AR-1242-4

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 159270704  
Conc: 958.83 ng/ml m



#20 AR-1242-5

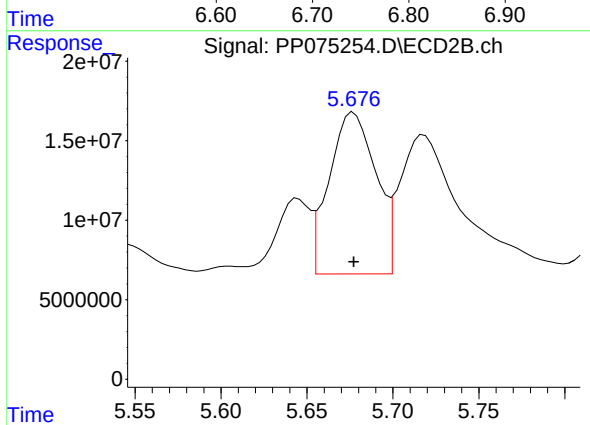
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 31568865  
Conc: 939.20 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 192075351  
Conc: 994.43 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075255.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 11:16  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:51:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:43:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.656  | 3.800 | 97168171 | 469.6E6  | 75.674  | 75.300   |
| 2) SA Decachlor...          | 10.439 | 8.807 | 72638787 | 466.8E6  | 75.181  | 74.600   |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.808  | 4.897 | 29413504 | 364.4E6  | 752.082 | 756.863  |
| 17) L4 AR-1242-2            | 5.830  | 4.955 | 43483200 | 162.3E6  | 752.881 | 748.698  |
| 18) L4 AR-1242-3            | 5.892  | 5.073 | 27466678 | 92235555 | 752.145 | 752.168  |
| 19) L4 AR-1242-4            | 5.989  | 5.156 | 22479541 | 121.9E6  | 751.345 | 763.610m |
| 20) L4 AR-1242-5            | 6.719  | 5.678 | 25081847 | 147.5E6  | 747.465 | 759.181  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075255.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 11:16  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

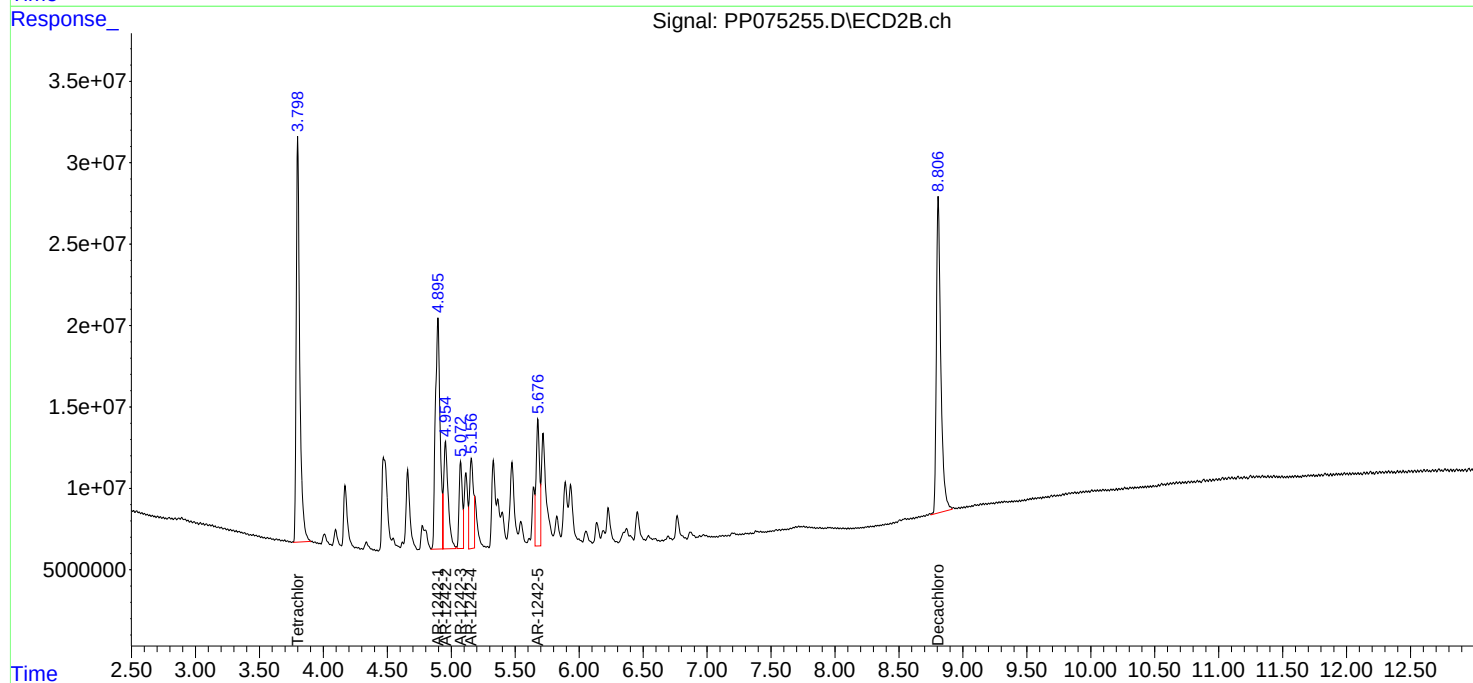
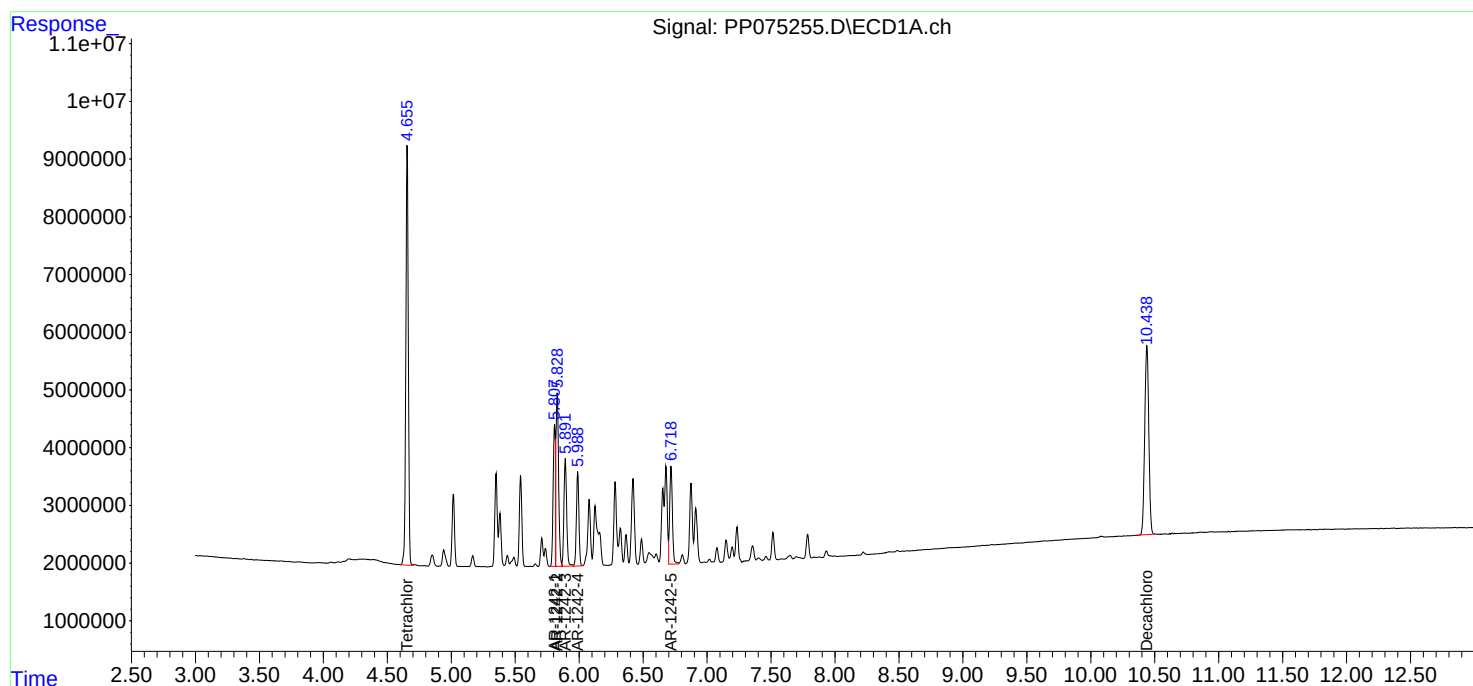
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

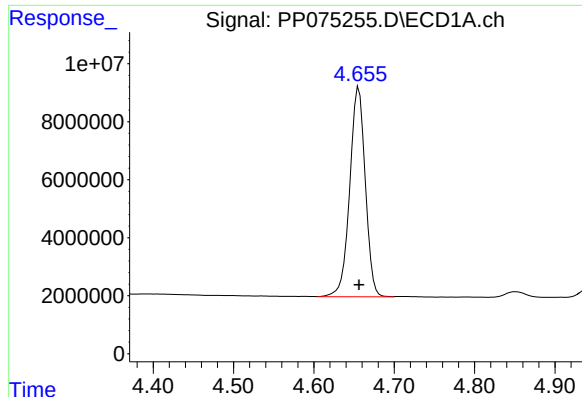
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:51:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:43:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





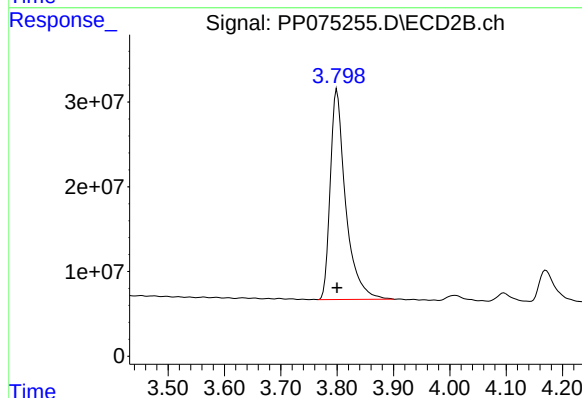
## #1 Tetrachloro-m-xylene

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 97168171  
Conc: 75.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

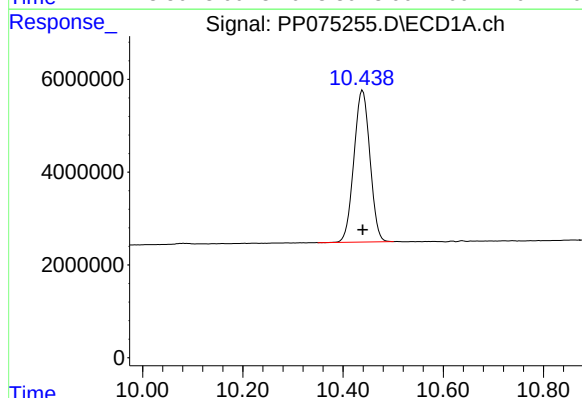
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



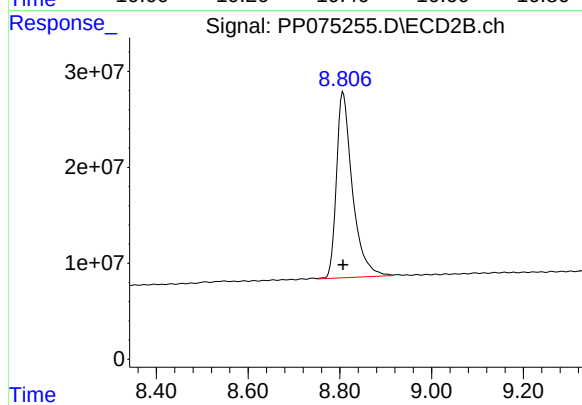
## #1 Tetrachloro-m-xylene

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 469578212  
Conc: 75.30 ng/ml



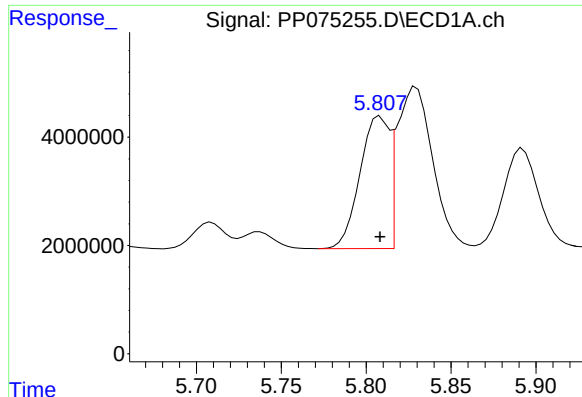
## #2 Decachlorobiphenyl

R.T.: 10.439 min  
Delta R.T.: 0.000 min  
Response: 72638787  
Conc: 75.18 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 466755427  
Conc: 74.60 ng/ml



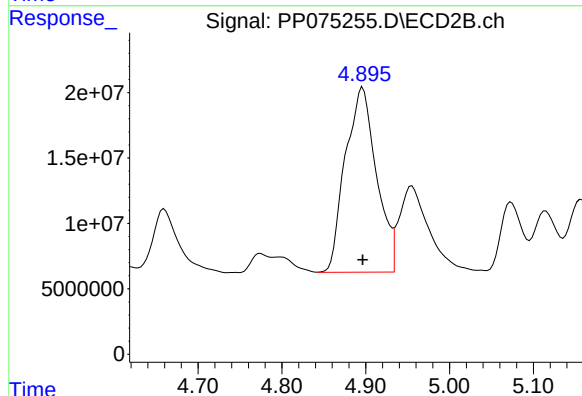
#16 AR-1242-1

R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 29413504  
Conc: 752.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

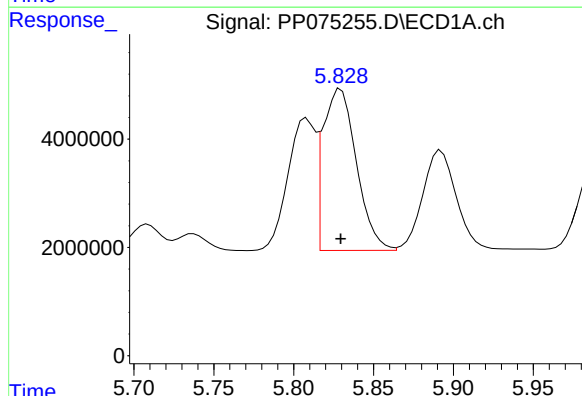
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



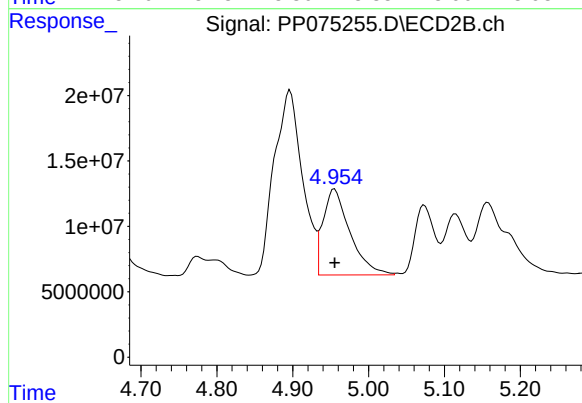
#16 AR-1242-1

R.T.: 4.897 min  
Delta R.T.: 0.000 min  
Response: 364384624  
Conc: 756.86 ng/ml



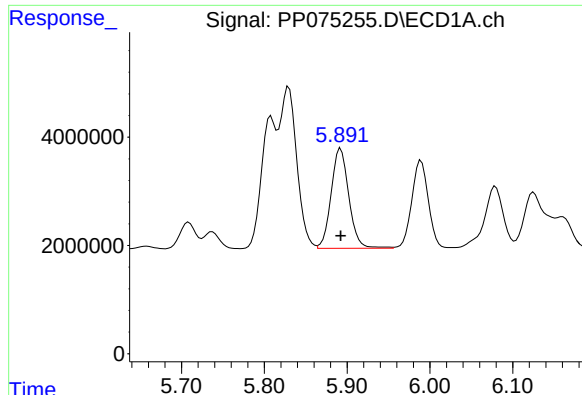
#17 AR-1242-2

R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 43483200  
Conc: 752.88 ng/ml



#17 AR-1242-2

R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 162335588  
Conc: 748.70 ng/ml



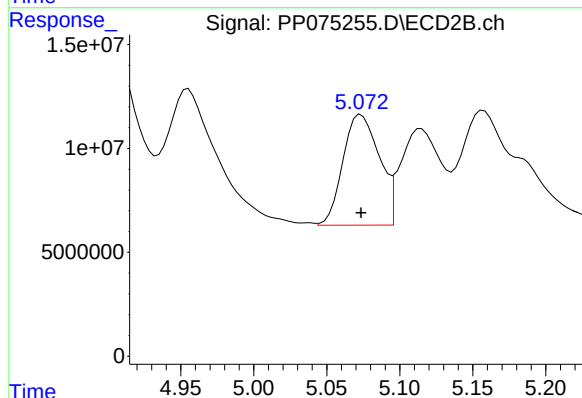
#18 AR-1242-3

R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 27466678  
Conc: 752.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

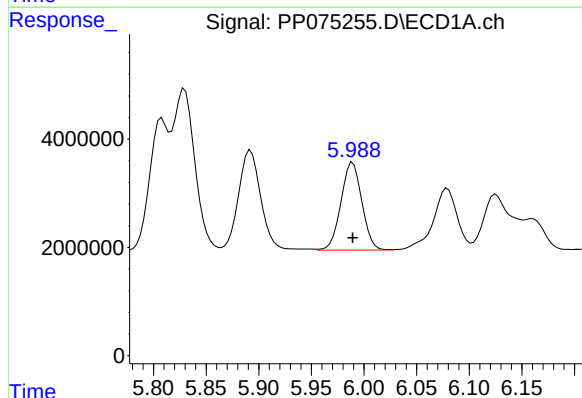
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



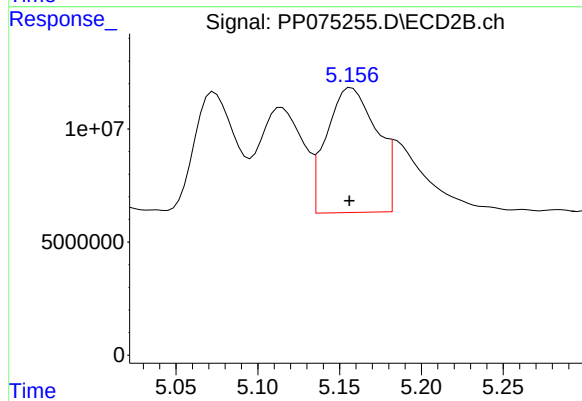
#18 AR-1242-3

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 92235555  
Conc: 752.17 ng/ml



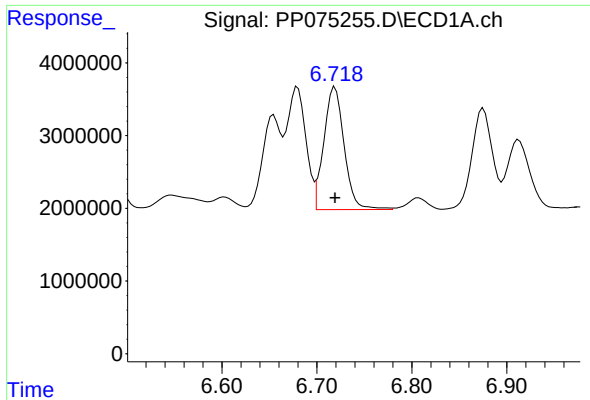
#19 AR-1242-4

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 22479541  
Conc: 751.35 ng/ml



#19 AR-1242-4

R.T.: 5.156 min  
Delta R.T.: 0.000 min  
Response: 121935692  
Conc: 763.61 ng/ml m



#20 AR-1242-5

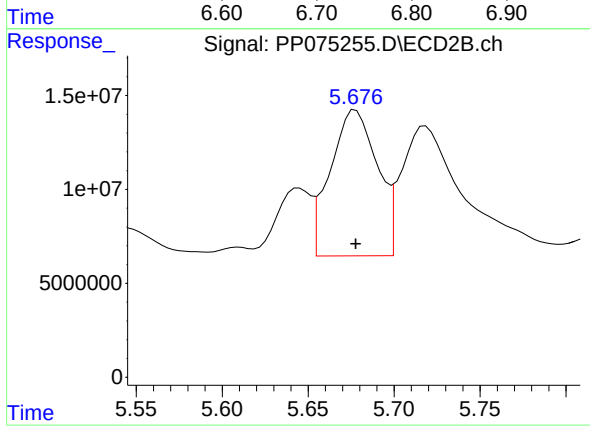
R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 25081847  
Conc: 747.47 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 147539663  
Conc: 759.18 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075256.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 11:32  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:45:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:43:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.659  | 3.799 | 66015633 | 303.8E6  | 50.000  | 50.000   |
| 2) SA Decachlor...          | 10.443 | 8.808 | 50169729 | 316.8E6  | 50.000  | 50.000   |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.811  | 4.895 | 20611924 | 243.1E6  | 500.000 | 500.000  |
| 17) L4 AR-1242-2            | 5.832  | 4.954 | 30124732 | 108.3E6  | 500.000 | 500.000  |
| 18) L4 AR-1242-3            | 5.895  | 5.073 | 19326019 | 60823625 | 500.000 | 500.000  |
| 19) L4 AR-1242-4            | 5.992  | 5.155 | 15661455 | 81817884 | 500.000 | 481.178m |
| 20) L4 AR-1242-5            | 6.722  | 5.676 | 17828128 | 97113427 | 500.000 | 500.000  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075256.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 11:32  
Operator : YP\AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

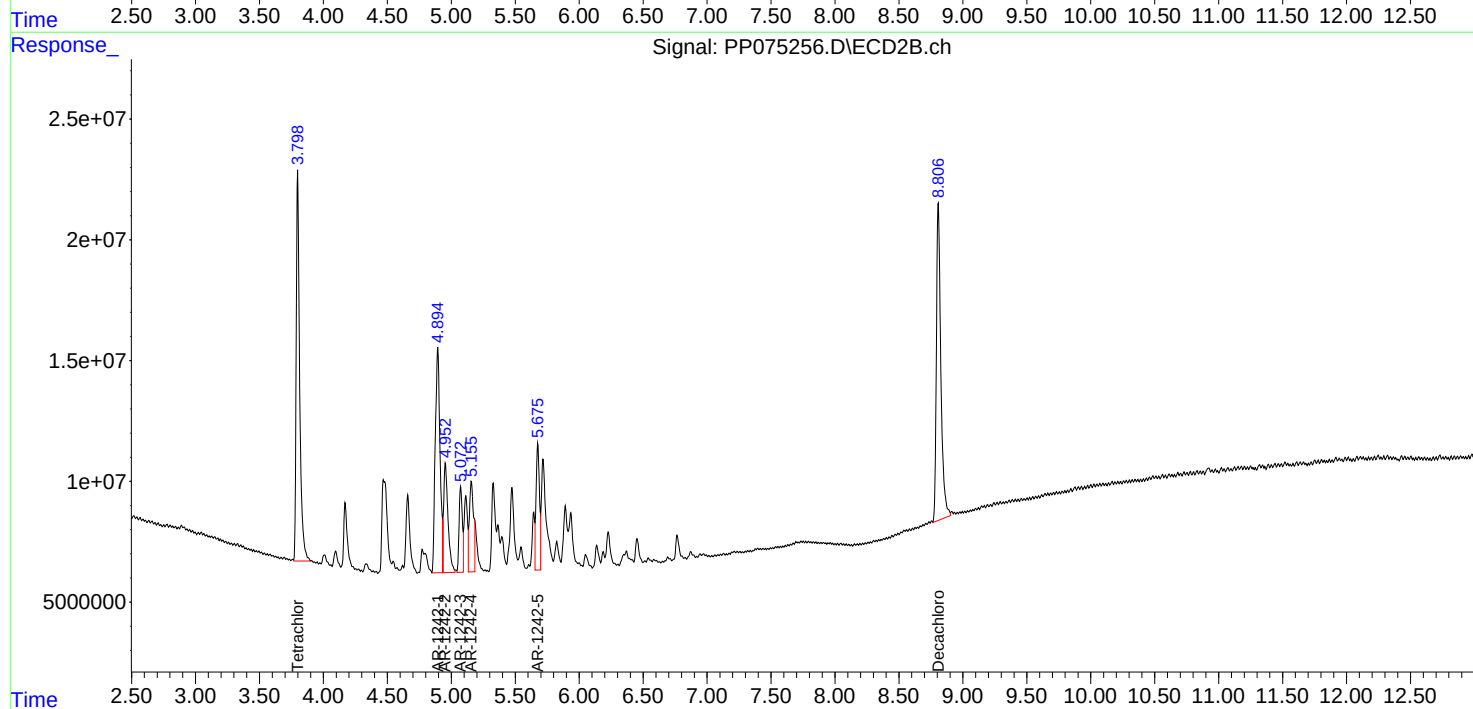
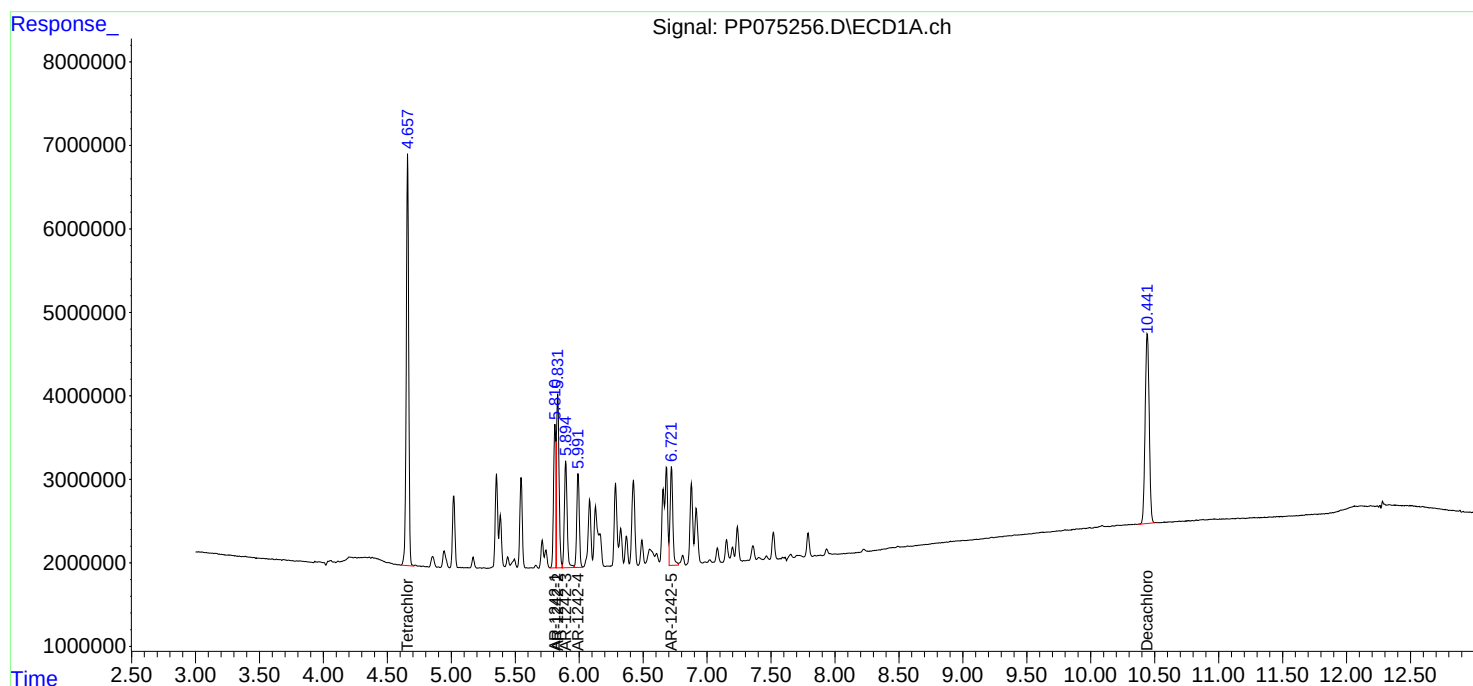
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

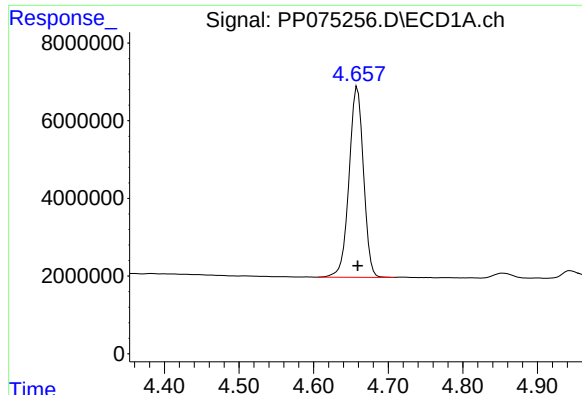
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:45:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:43:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





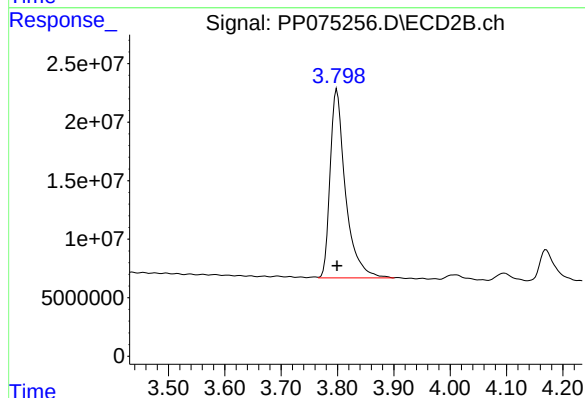
## #1 Tetrachloro-m-xylene

R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 66015633  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

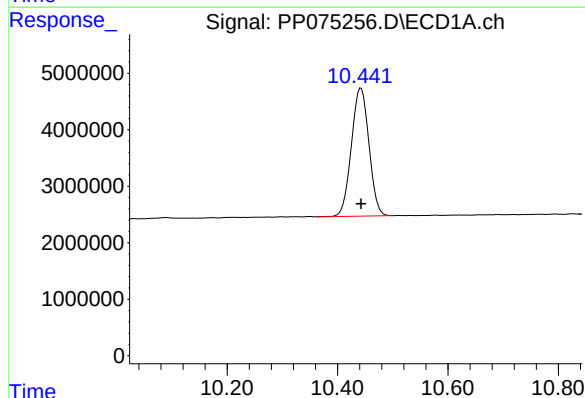
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



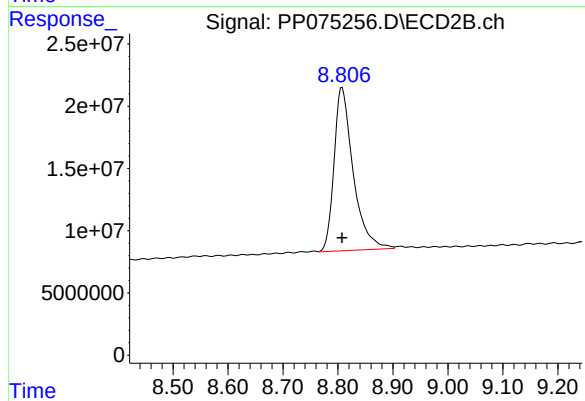
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 303811171  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

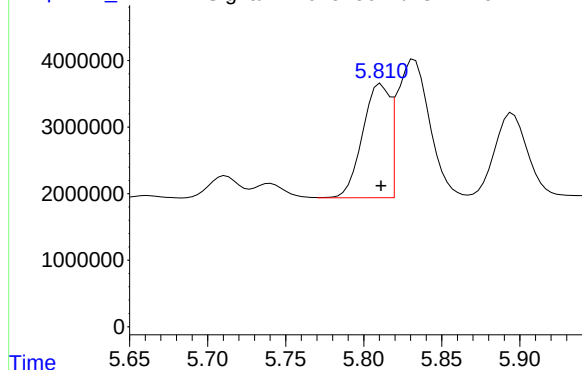
R.T.: 10.443 min  
Delta R.T.: 0.000 min  
Response: 50169729  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.808 min  
Delta R.T.: 0.000 min  
Response: 316835092  
Conc: 50.00 ng/ml

Response\_ Signal: PP075256.D\ECD1A.ch



#16 AR-1242-1

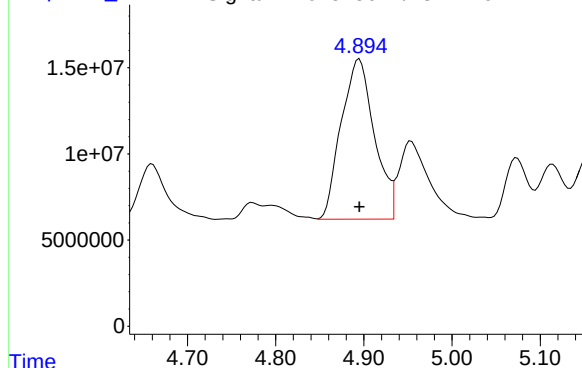
R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 20611924  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

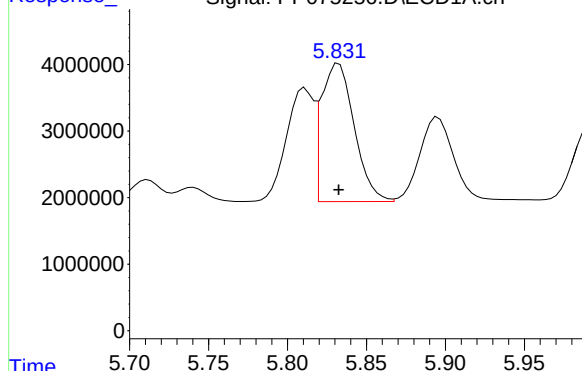
Response\_ Signal: PP075256.D\ECD2B.ch



#16 AR-1242-1

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 243119630  
Conc: 500.00 ng/ml

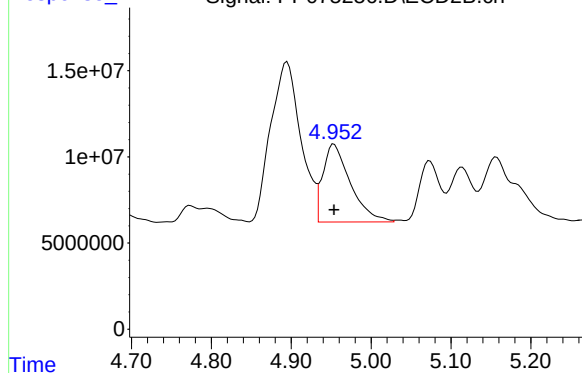
Response\_ Signal: PP075256.D\ECD1A.ch



#17 AR-1242-2

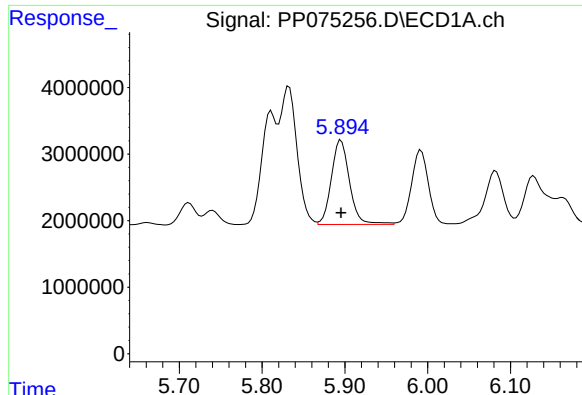
R.T.: 5.832 min  
Delta R.T.: 0.000 min  
Response: 30124732  
Conc: 500.00 ng/ml

Response\_ Signal: PP075256.D\ECD2B.ch



#17 AR-1242-2

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 108256965  
Conc: 500.00 ng/ml



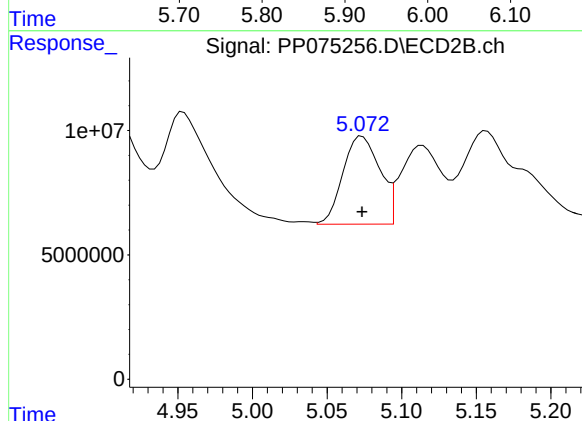
#18 AR-1242-3

R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 19326019  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

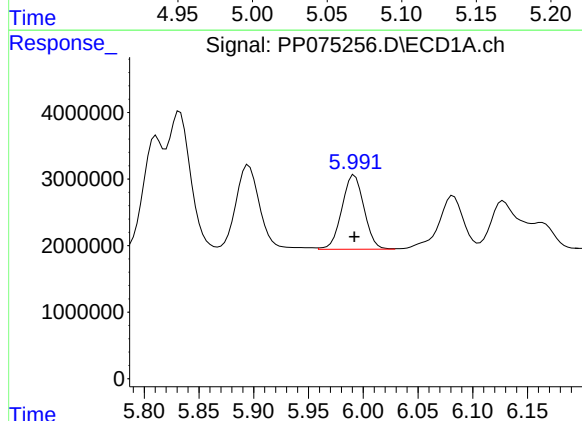
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



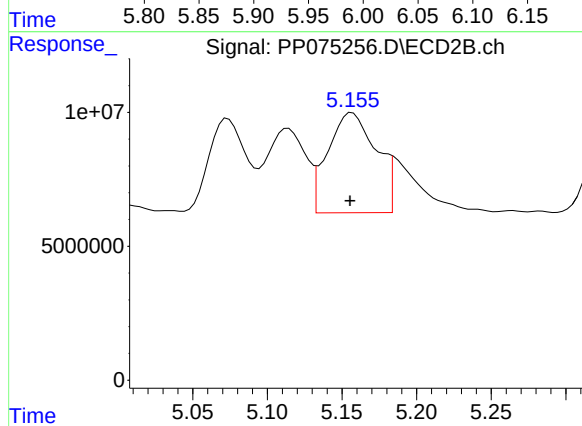
#18 AR-1242-3

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 60823625  
Conc: 500.00 ng/ml



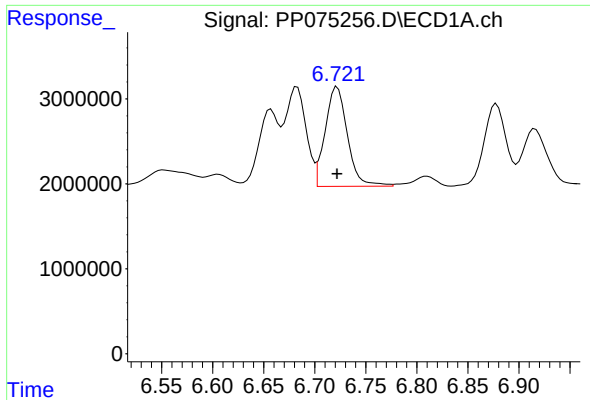
#19 AR-1242-4

R.T.: 5.992 min  
Delta R.T.: 0.000 min  
Response: 15661455  
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 81817884  
Conc: 481.18 ng/ml m



#20 AR-1242-5

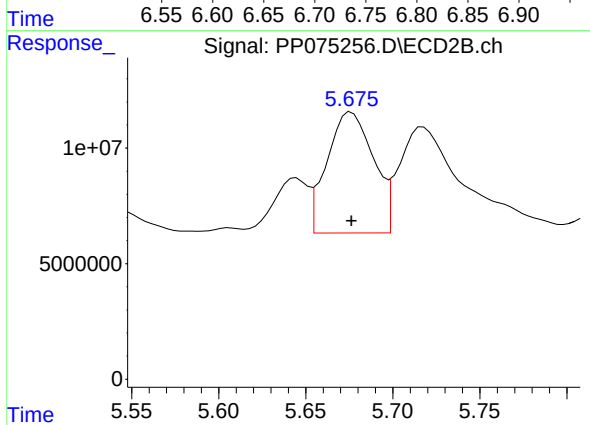
R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 17828128  
Conc: 500.00 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 97113427  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075257.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 11:48  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC250

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 13:55:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:54:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.661  | 3.797 | 34555716 | 150.8E6  | 26.407  | 24.382   |
| 2) SA Decachlor...          | 10.444 | 8.805 | 26178805 | 152.5E6  | 26.539  | 24.523   |
|                             |        |       |          |          |         |          |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.813  | 4.894 | 11111719 | 121.8E6  | 274.745 | 252.283  |
| 17) L4 AR-1242-2            | 5.834  | 4.952 | 16022261 | 54845990 | 270.012 | 252.207  |
| 18) L4 AR-1242-3            | 5.897  | 5.072 | 10474071 | 31286183 | 276.635 | 253.831  |
| 19) L4 AR-1242-4            | 5.994  | 5.153 | 8389612  | 43909943 | 272.135 | 267.938m |
| 20) L4 AR-1242-5            | 6.724  | 5.675 | 9880995  | 50425039 | 281.928 | 257.034  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075257.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 11:48  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

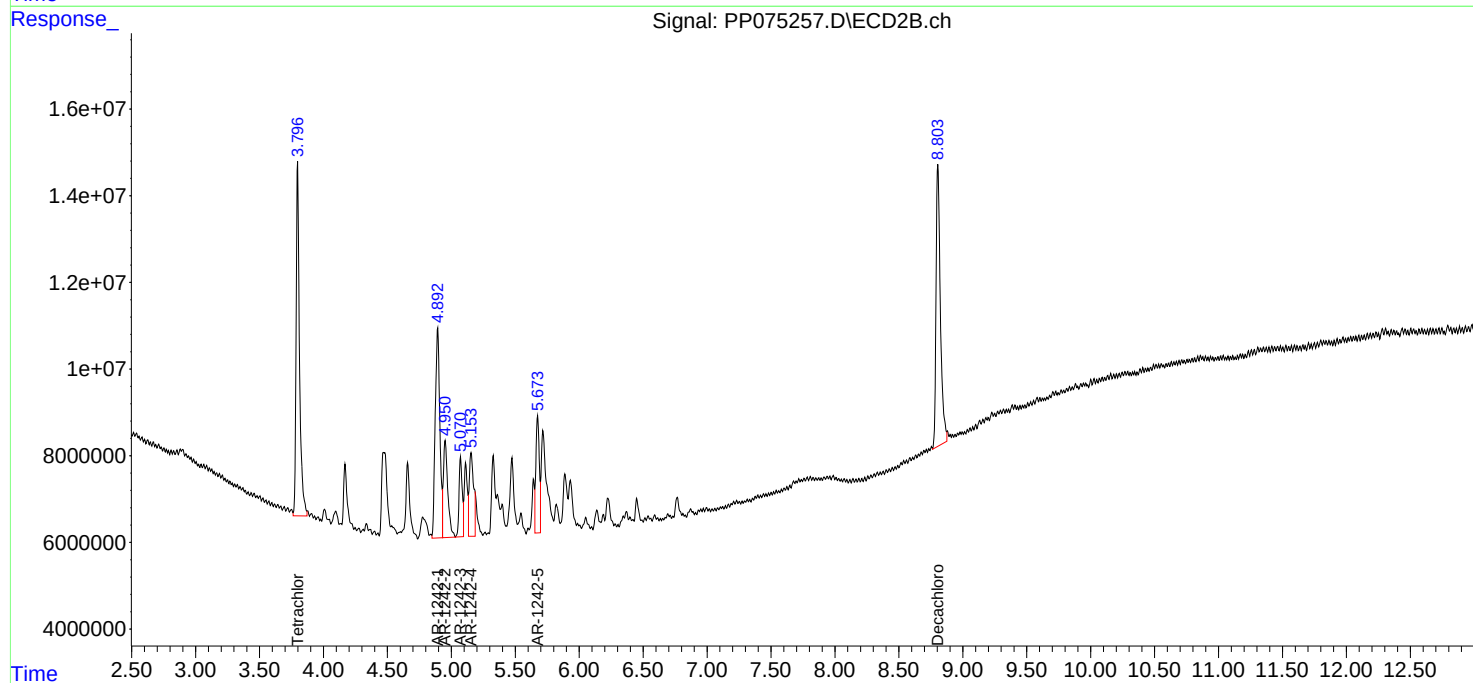
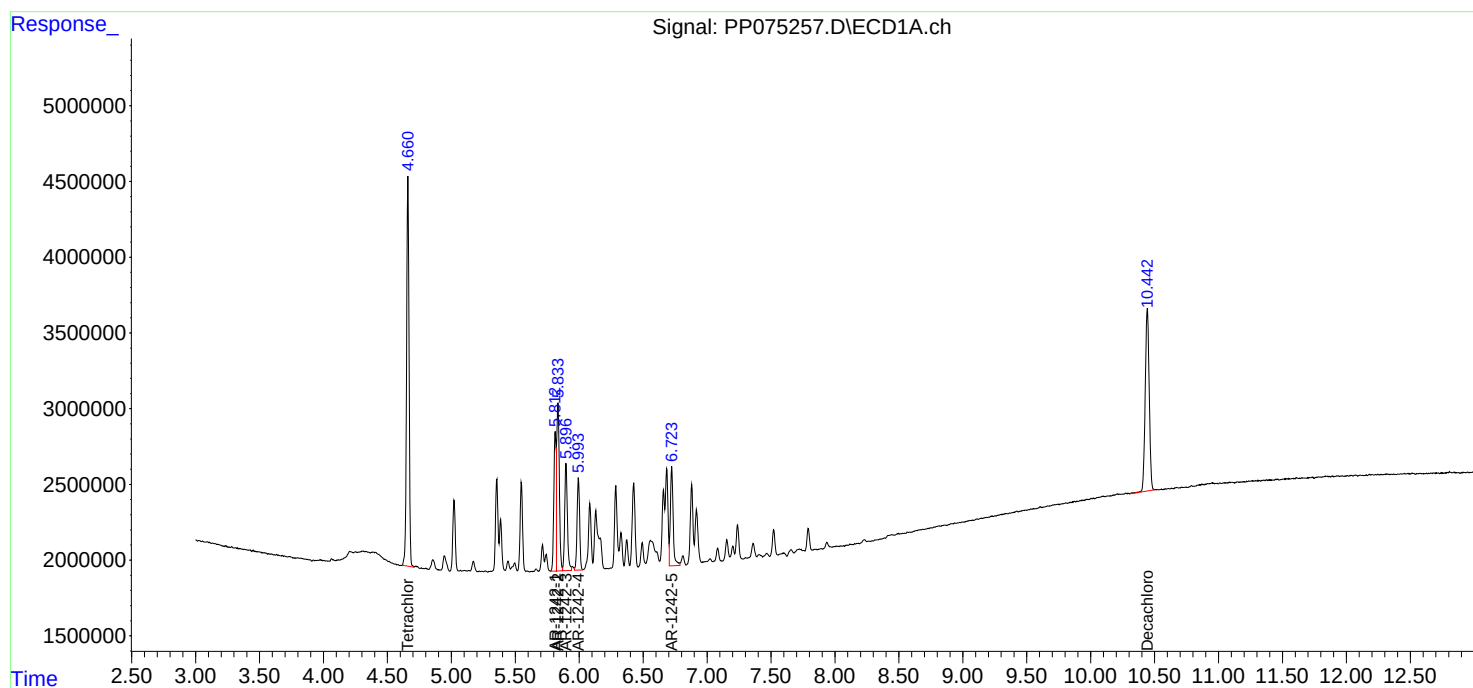
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Manual Integrations  
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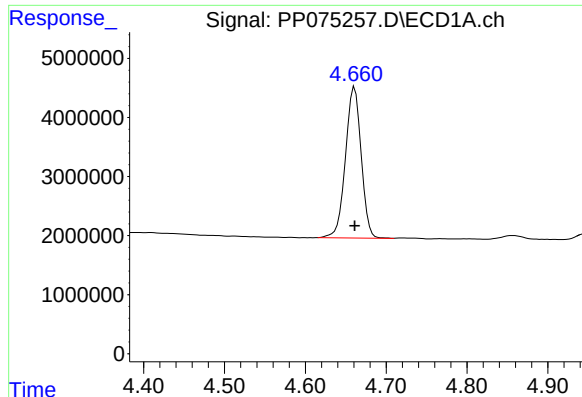
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 13:55:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:54:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







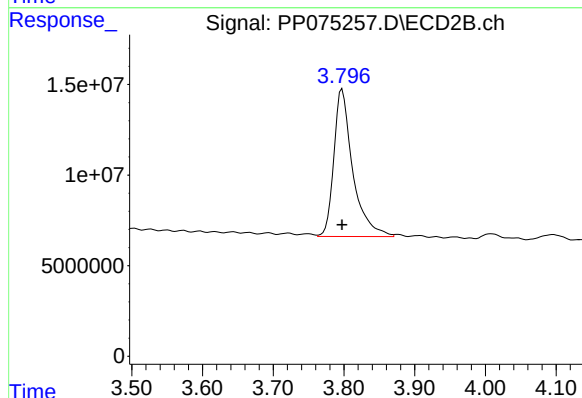
## #1 Tetrachloro-m-xylene

R.T.: 4.661 min  
Delta R.T.: 0.000 min  
Response: 34555716  
Conc: 26.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

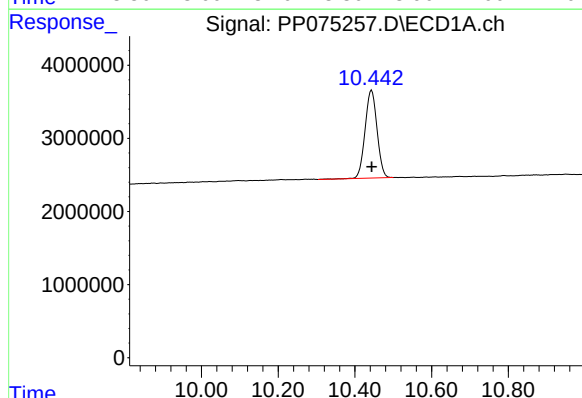
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



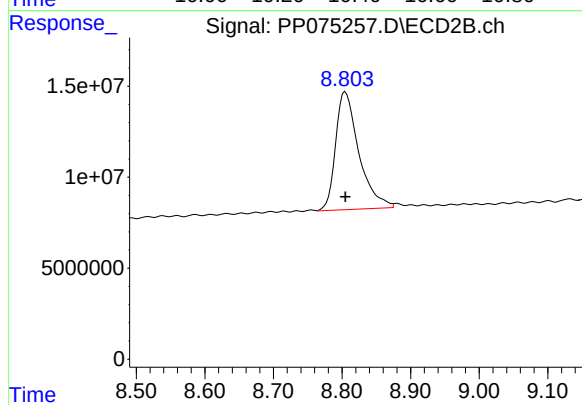
## #1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 150809845  
Conc: 24.38 ng/ml



## #2 Decachlorobiphenyl

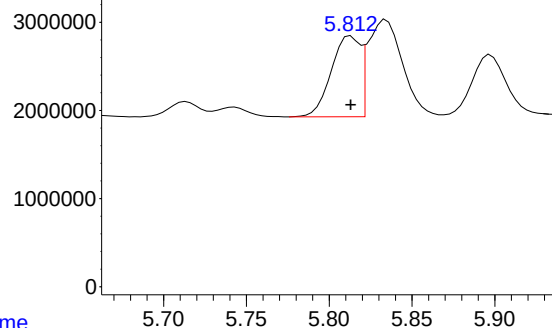
R.T.: 10.444 min  
Delta R.T.: 0.000 min  
Response: 26178805  
Conc: 26.54 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.805 min  
Delta R.T.: 0.000 min  
Response: 152462792  
Conc: 24.52 ng/ml

Response\_ Signal: PP075257.D\ECD1A.ch



#16 AR-1242-1

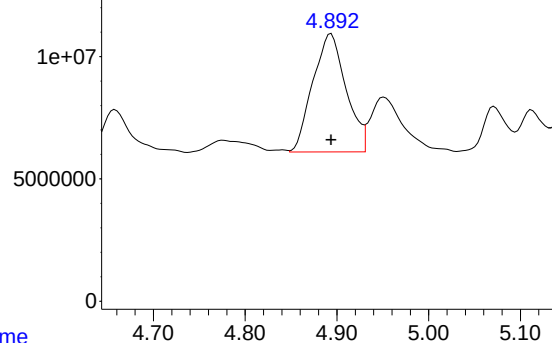
R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 11111719  
Conc: 274.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

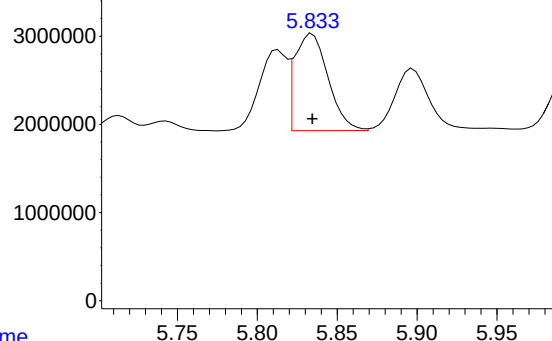
Time Response\_ Signal: PP075257.D\ECD2B.ch



#16 AR-1242-1

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 121830487  
Conc: 252.28 ng/ml

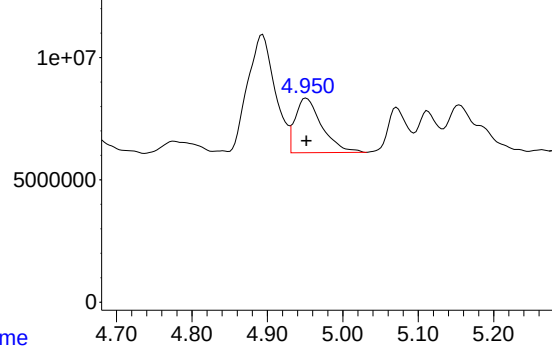
Time Response\_ Signal: PP075257.D\ECD1A.ch



#17 AR-1242-2

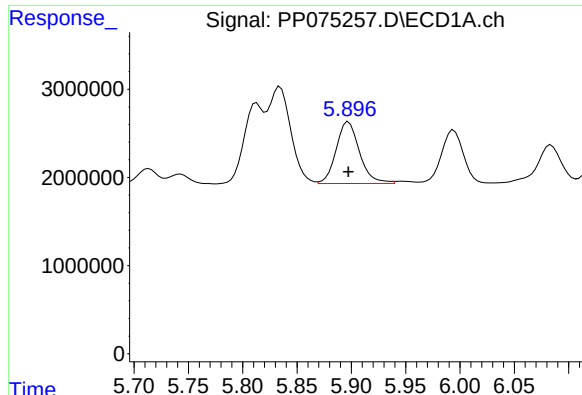
R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 16022261  
Conc: 270.01 ng/ml

Time Response\_ Signal: PP075257.D\ECD2B.ch



#17 AR-1242-2

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 54845990  
Conc: 252.21 ng/ml



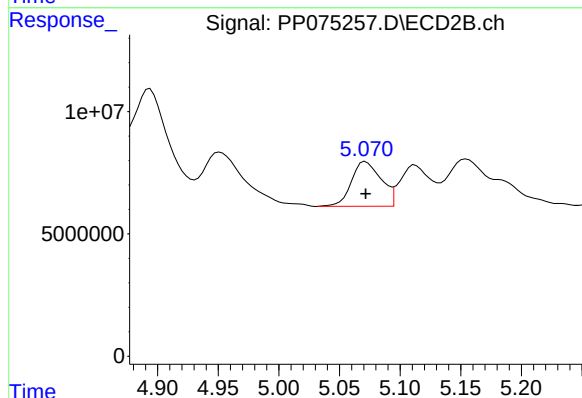
#18 AR-1242-3

R.T.: 5.897 min  
Delta R.T.: 0.000 min  
Response: 10474071  
Conc: 276.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

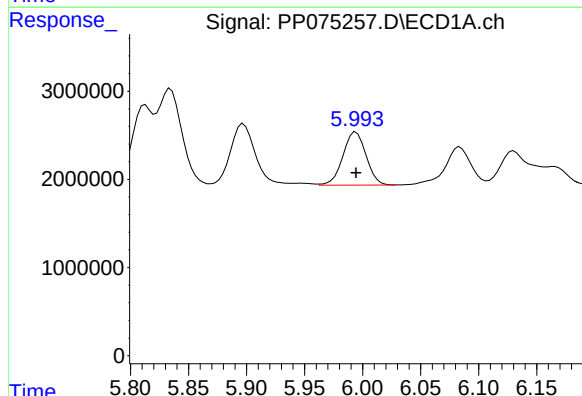
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



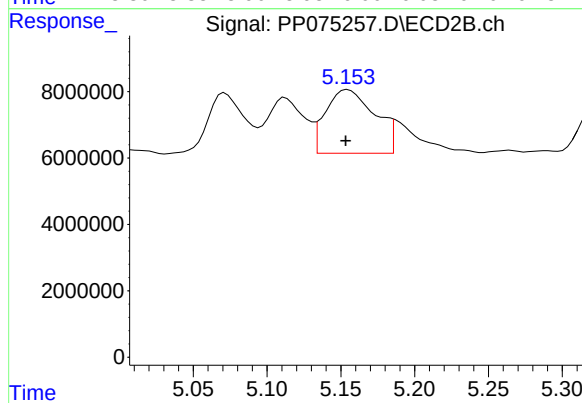
#18 AR-1242-3

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 31286183  
Conc: 253.83 ng/ml



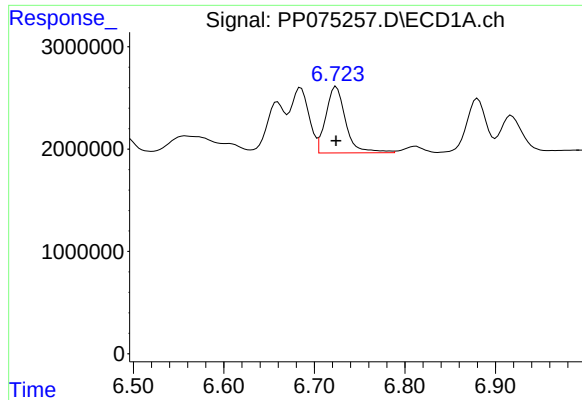
#19 AR-1242-4

R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 8389612  
Conc: 272.13 ng/ml



#19 AR-1242-4

R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 43909943  
Conc: 267.94 ng/ml m



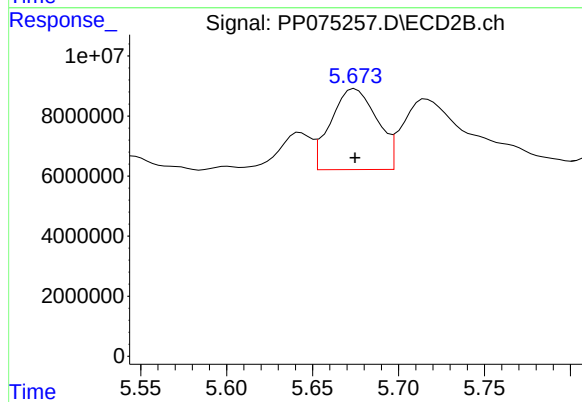
#20 AR-1242-5

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 9880995  
Conc: 281.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.675 min  
Delta R.T.: 0.000 min  
Response: 50425039  
Conc: 257.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075258.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 12:05  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:00:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 13:59:11 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.657  | 3.796 | 6258278 | 24170300 | 4.827m  | 4.086  |
| 2) SA Decachlor...          | 10.437 | 8.803 | 4689985 | 25196266 | 4.802   | 4.212  |
| Target Compounds            |        |       |         |          |         |        |
| 16) L4 AR-1242-1            | 5.810  | 4.893 | 2326163 | 20197768 | 55.837  | 43.239 |
| 17) L4 AR-1242-2            | 5.831  | 4.952 | 3041537 | 8746690  | 51.001  | 41.859 |
| 18) L4 AR-1242-3            | 5.895  | 5.076 | 2534074 | 5839738  | 62.684  | 47.881 |
| 19) L4 AR-1242-4            | 5.991  | 5.155 | 1692732 | 6716503  | 53.850  | 42.218 |
| 20) L4 AR-1242-5            | 6.719  | 5.676 | 1779340 | 9434797  | 50.613m | 48.462 |
| -----                       |        |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075258.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 12:05  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

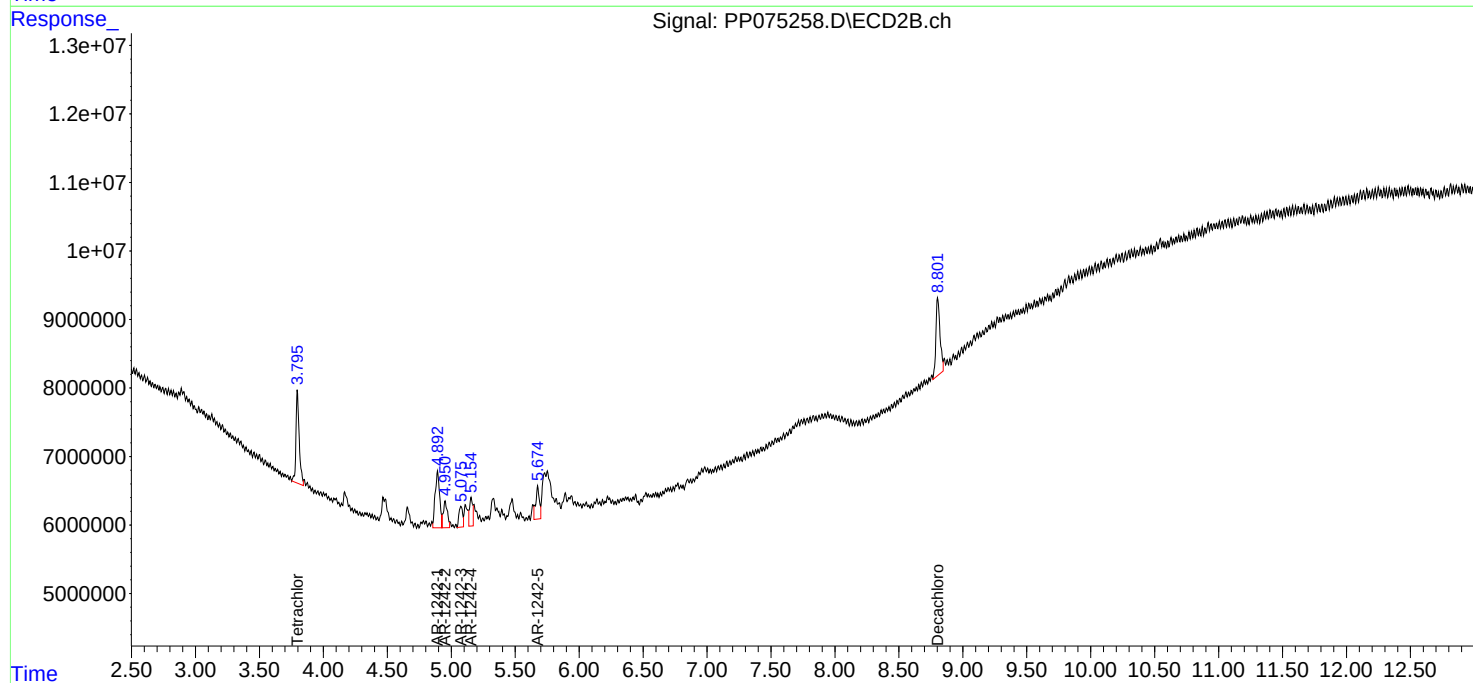
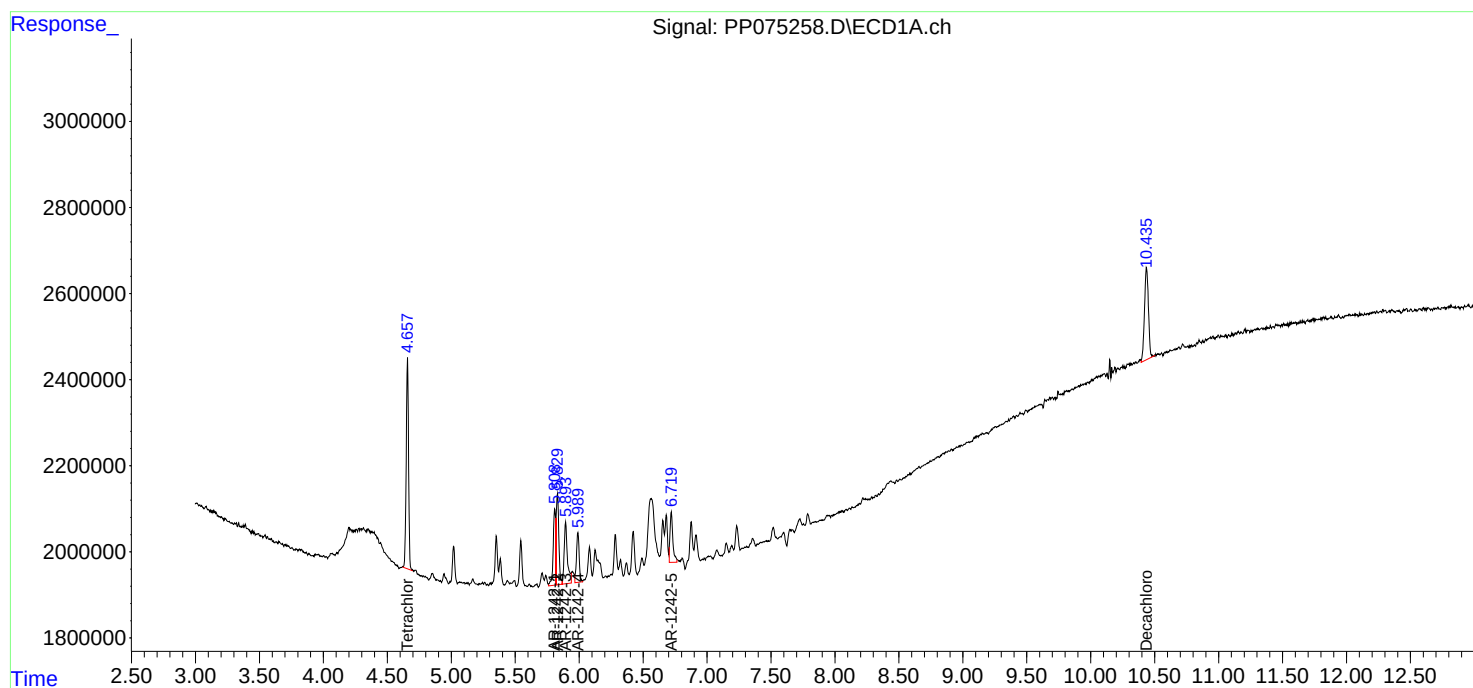
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

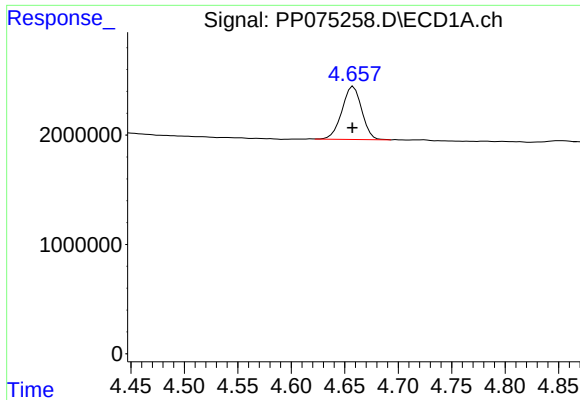
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:00:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 13:59:11 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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

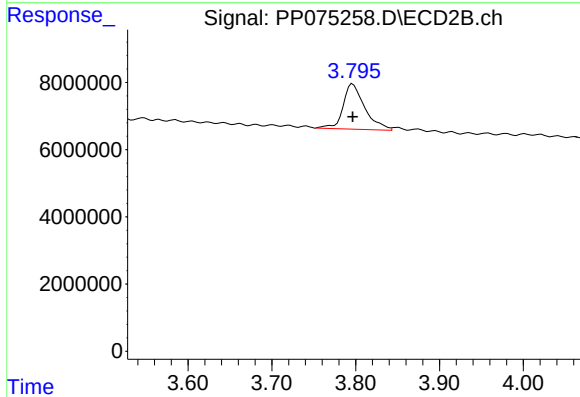
R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 6258278  
Conc: 4.83 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

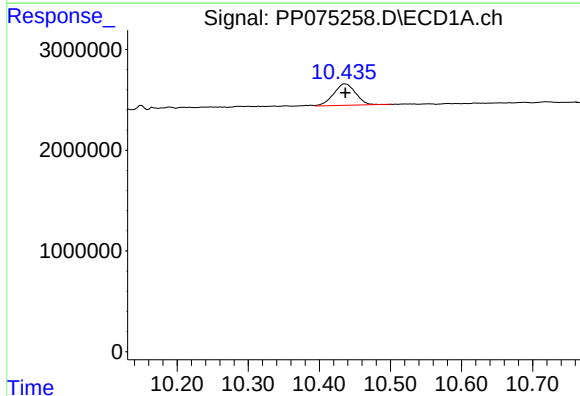
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



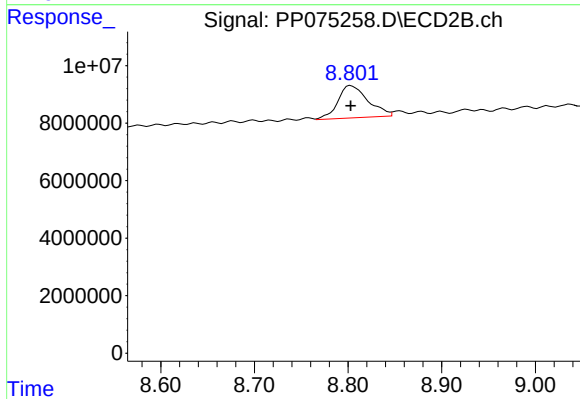
#1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 24170300  
Conc: 4.09 ng/ml



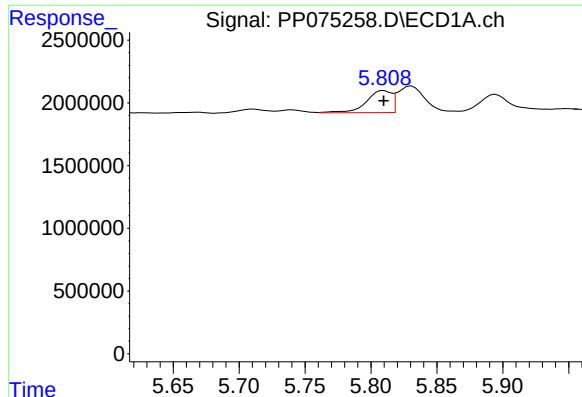
#2 Decachlorobiphenyl

R.T.: 10.437 min  
Delta R.T.: 0.000 min  
Response: 4689985  
Conc: 4.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 25196266  
Conc: 4.21 ng/ml



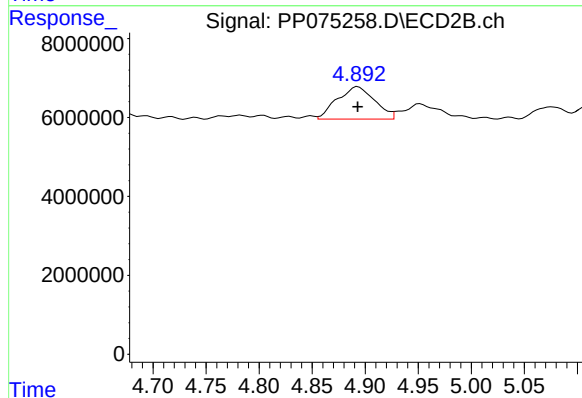
#16 AR-1242-1

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 2326163  
Conc: 55.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

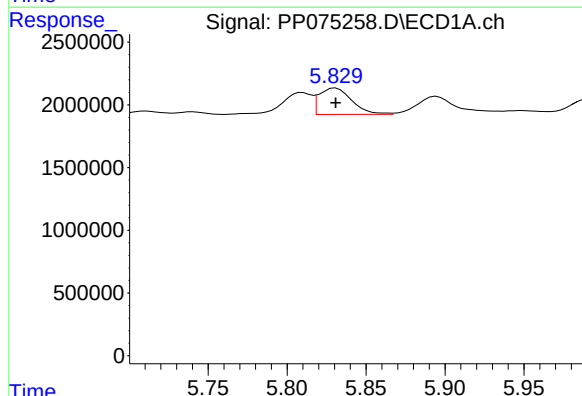
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



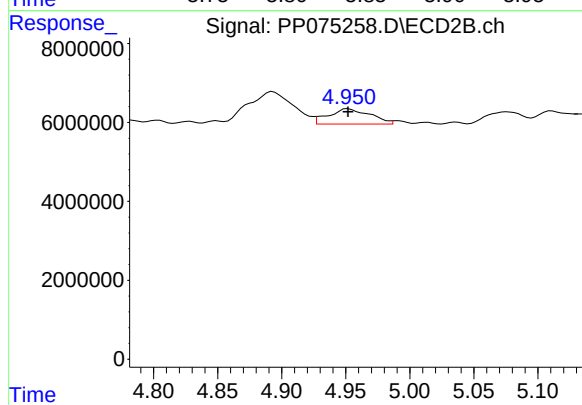
#16 AR-1242-1

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 20197768  
Conc: 43.24 ng/ml



#17 AR-1242-2

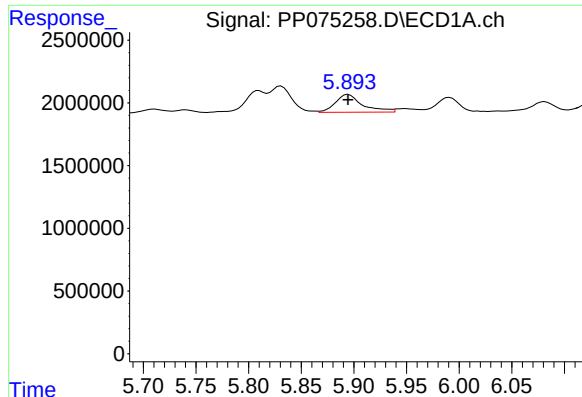
R.T.: 5.831 min  
Delta R.T.: 0.000 min  
Response: 3041537  
Conc: 51.00 ng/ml



#17 AR-1242-2

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 8746690  
Conc: 41.86 ng/ml





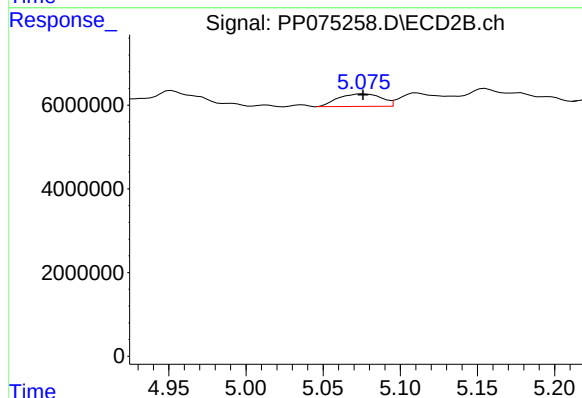
#18 AR-1242-3

R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 2534074  
Conc: 62.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

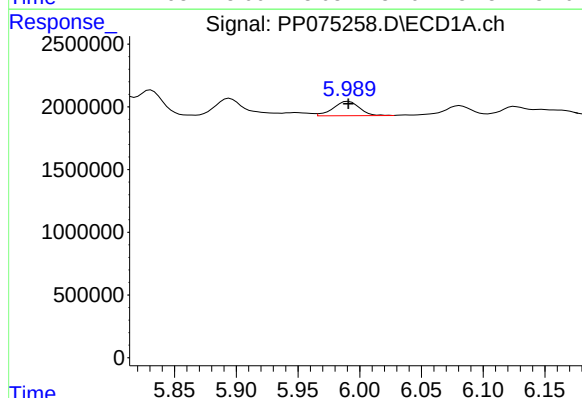
Manual Integrations  
APPROVED

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Supervised By :mohammad ahmed 09/25/2025



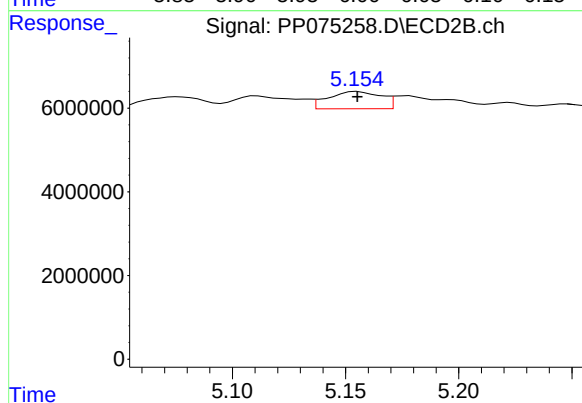
#18 AR-1242-3

R.T.: 5.076 min  
Delta R.T.: 0.000 min  
Response: 5839738  
Conc: 47.88 ng/ml



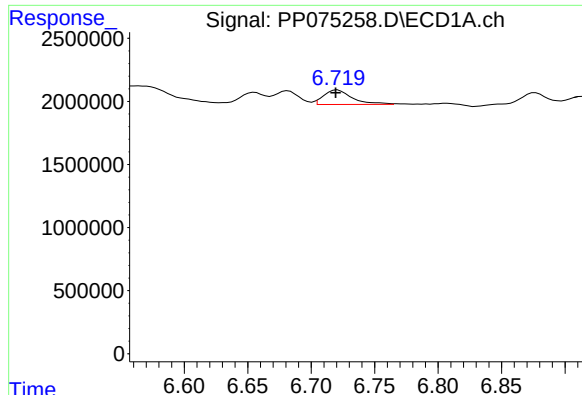
#19 AR-1242-4

R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 1692732  
Conc: 53.85 ng/ml



#19 AR-1242-4

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 6716503  
Conc: 42.22 ng/ml



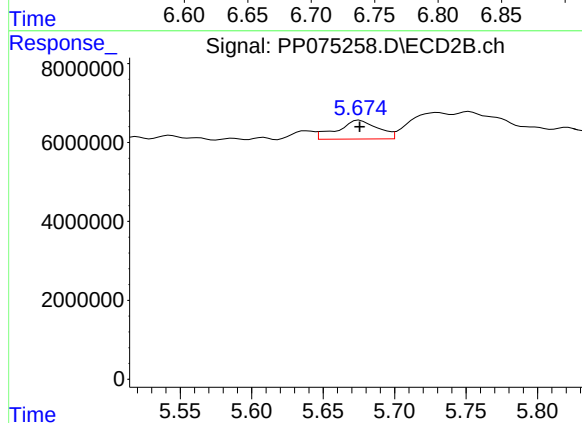
#20 AR-1242-5

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 1779340  
Conc: 50.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 9434797  
Conc: 48.46 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075259.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 12:37  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC1000

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:08:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 14:04:14 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...          | 4.656  | 3.797 | 123.5E6  | 634.2E6 | 96.737  | 101.347  |
| 2) SA Decachlor...          | 10.430 | 8.803 | 93621437 | 628.1E6 | 96.237  | 99.121   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.807  | 4.893 | 29172565 | 313.0E6 | 949.898 | 994.107  |
| 22) L5 AR-1248-2            | 6.078  | 5.113 | 39359802 | 194.6E6 | 950.495 | 985.073  |
| 23) L5 AR-1248-3            | 6.281  | 5.153 | 44196144 | 238.8E6 | 953.794 | 934.027m |
| 24) L5 AR-1248-4            | 6.678  | 5.326 | 53562132 | 233.4E6 | 949.444 | 1004.611 |
| 25) L5 AR-1248-5            | 6.718  | 5.716 | 51867384 | 417.5E6 | 947.013 | 958.730  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075259.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 12:37  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

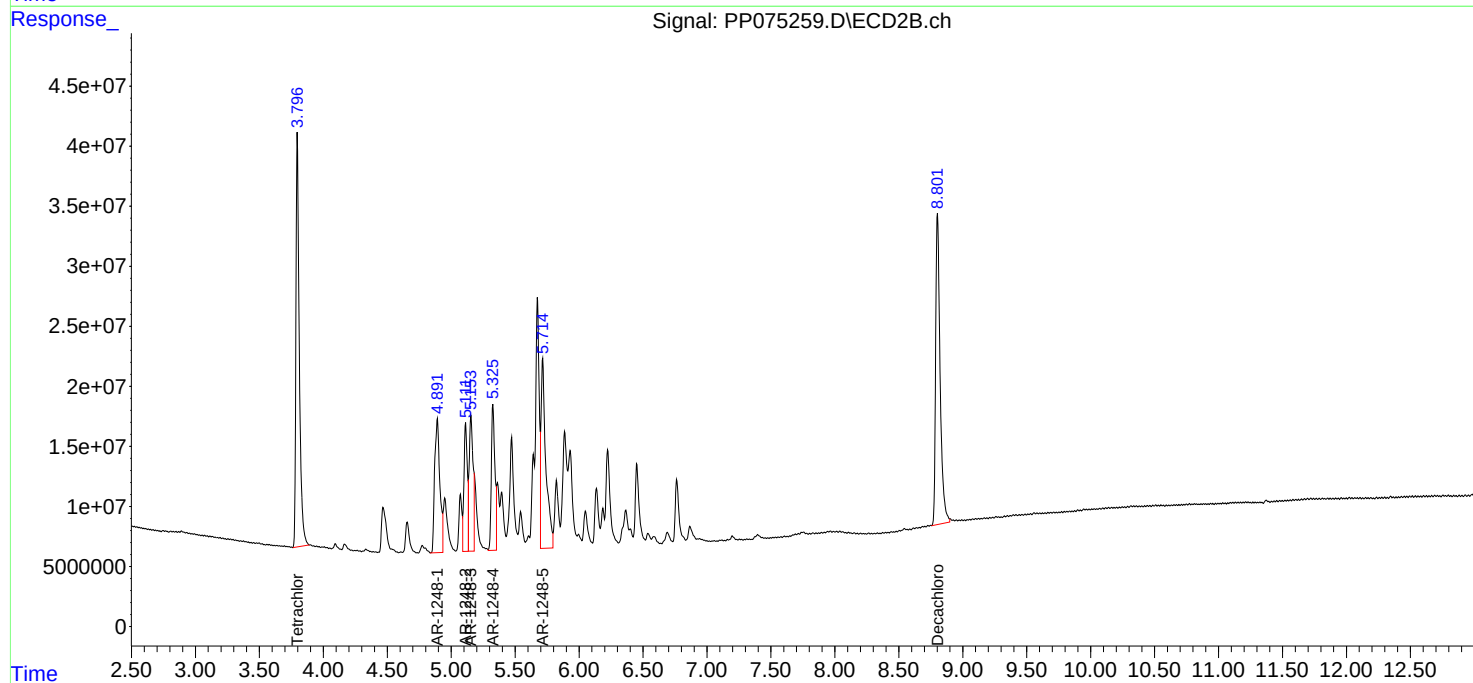
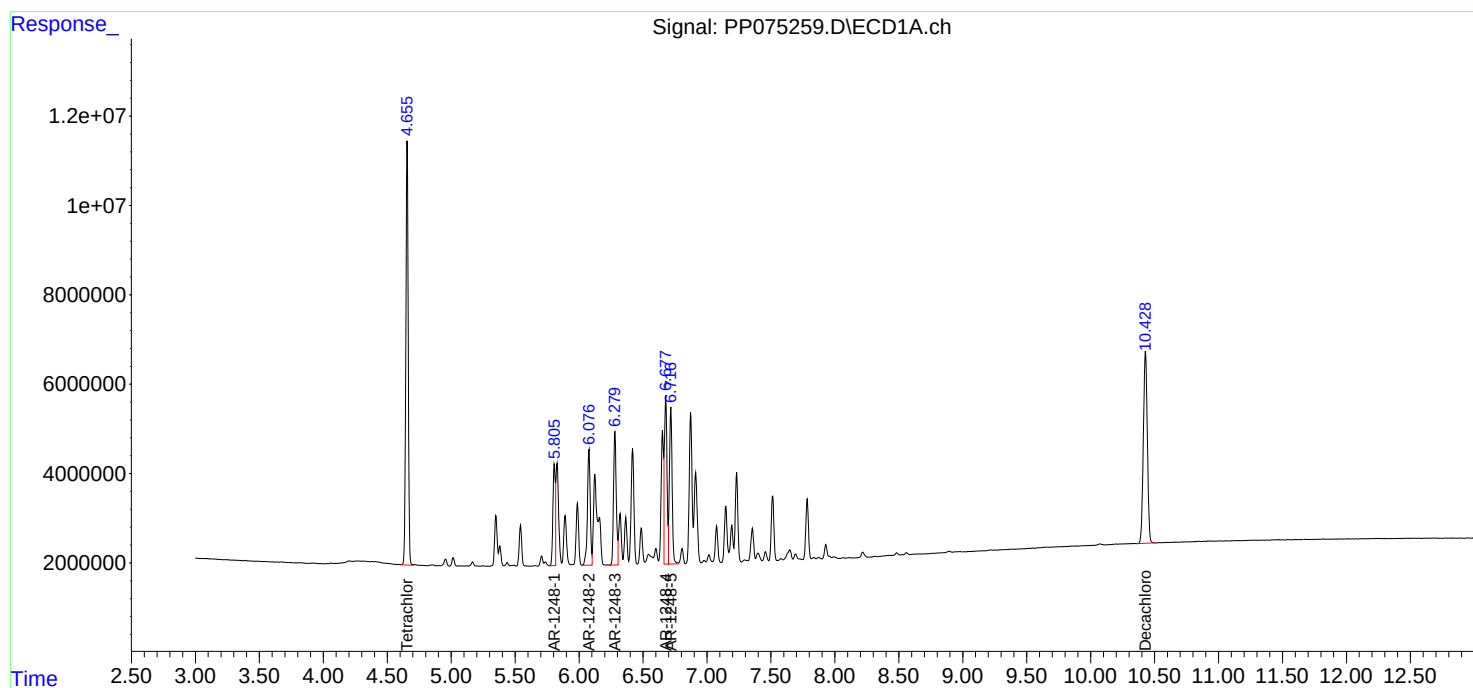
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

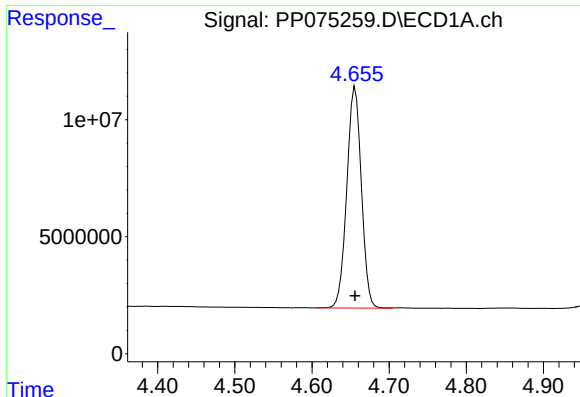
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:08:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 14:04:14 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

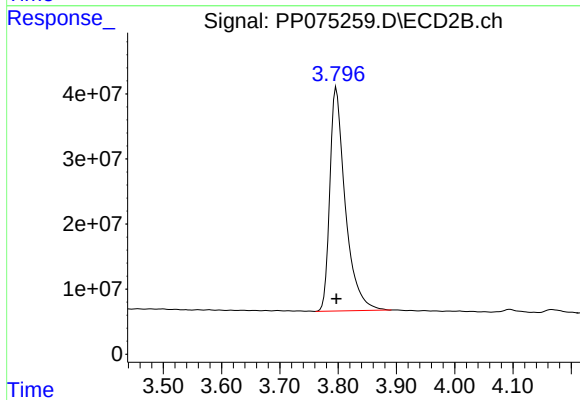
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 123522262  
Conc: 96.74 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

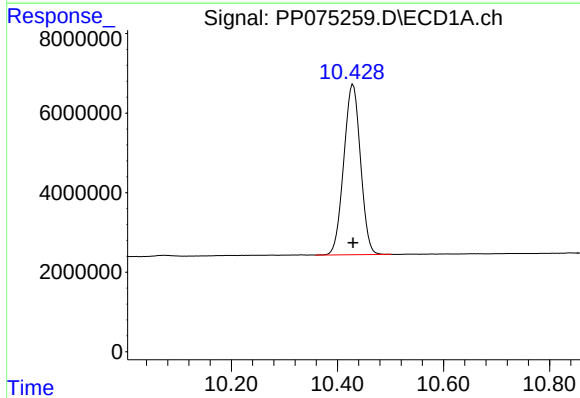
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



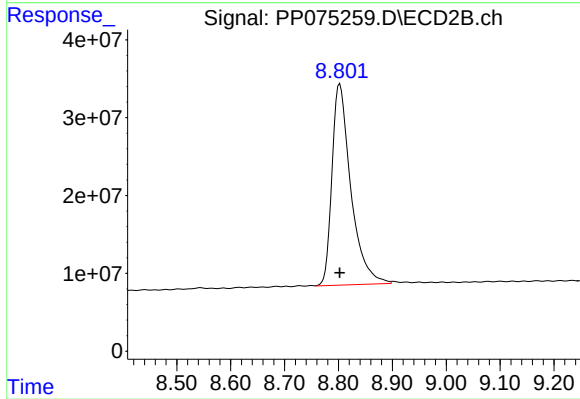
#1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 634213576  
Conc: 101.35 ng/ml



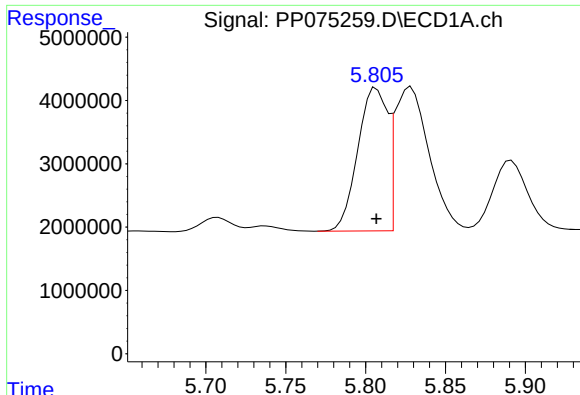
#2 Decachlorobiphenyl

R.T.: 10.430 min  
Delta R.T.: 0.000 min  
Response: 93621437  
Conc: 96.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 628061988  
Conc: 99.12 ng/ml



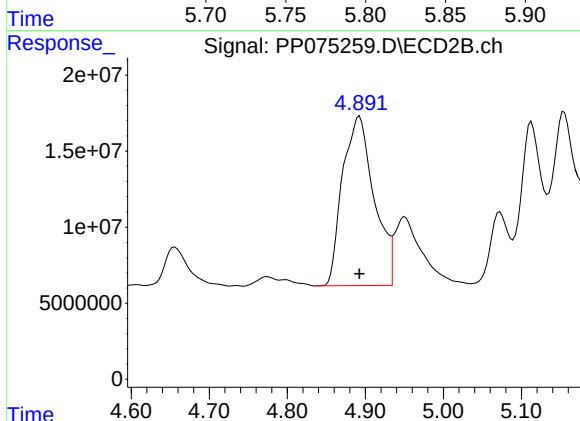
#21 AR-1248-1

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 29172565  
Conc: 949.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

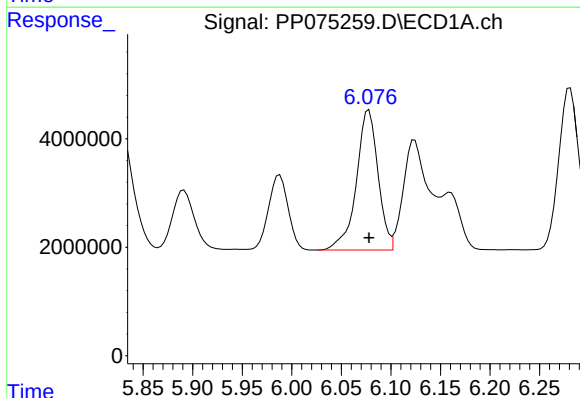
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



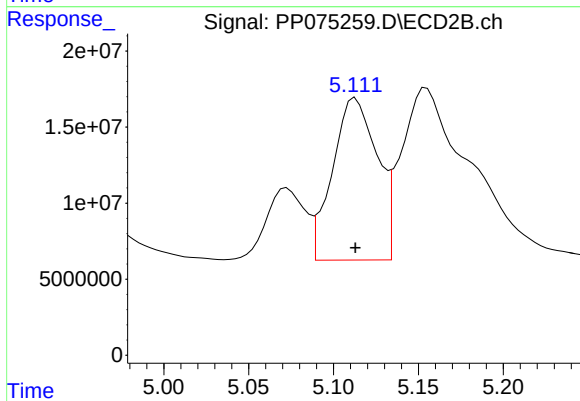
#21 AR-1248-1

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 313001525  
Conc: 994.11 ng/ml



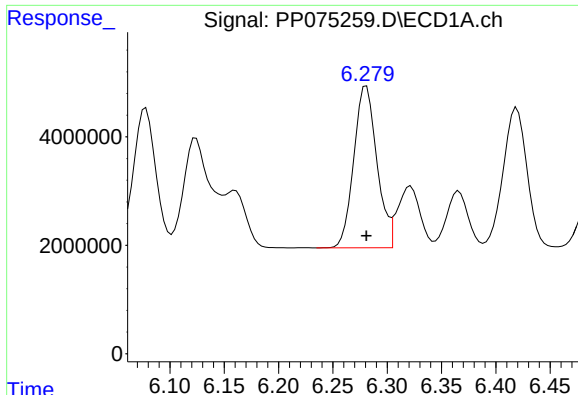
#22 AR-1248-2

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 39359802  
Conc: 950.49 ng/ml



#22 AR-1248-2

R.T.: 5.113 min  
Delta R.T.: 0.000 min  
Response: 194621063  
Conc: 985.07 ng/ml



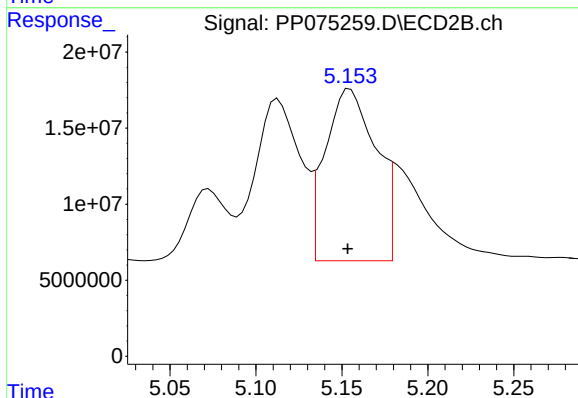
#23 AR-1248-3

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 44196144  
Conc: 953.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

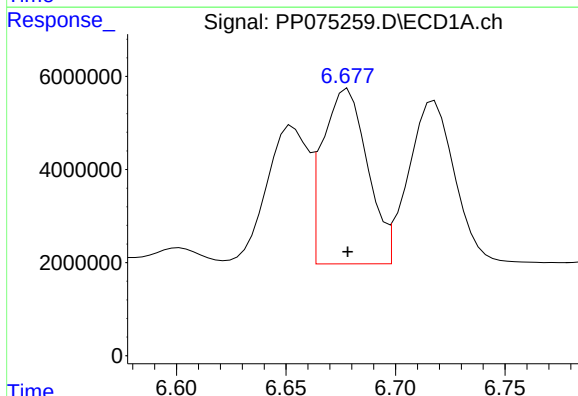
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



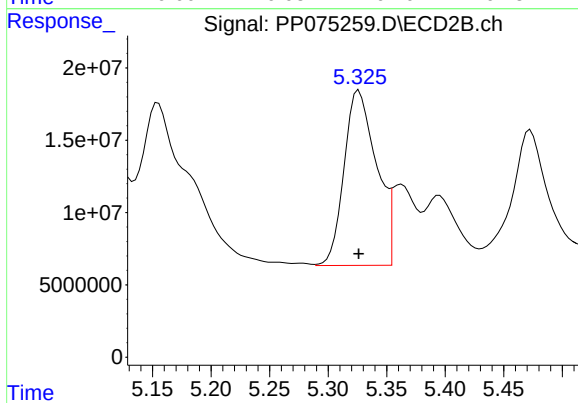
#23 AR-1248-3

R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 238833016  
Conc: 934.03 ng/ml m



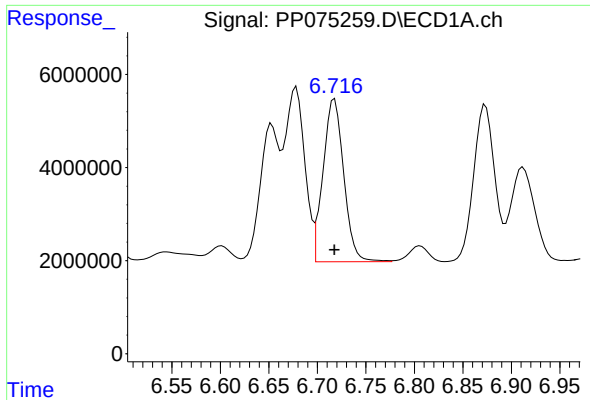
#24 AR-1248-4

R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 53562132  
Conc: 949.44 ng/ml



#24 AR-1248-4

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 233390044  
Conc: 1004.61 ng/ml



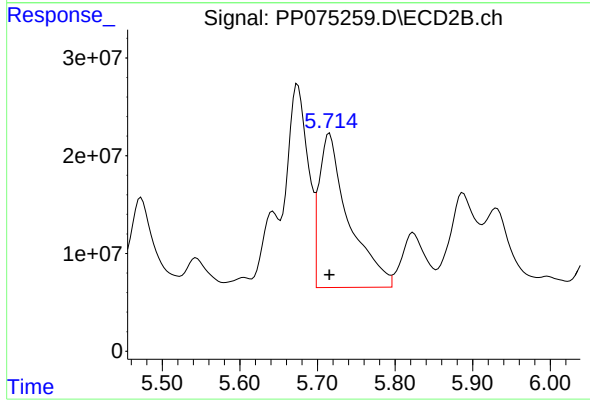
#25 AR-1248-5

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 51867384  
Conc: 947.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.716 min  
Delta R.T.: 0.000 min  
Response: 417516536  
Conc: 958.73 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075260.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 12:53  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC750

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:11:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 14:04:14 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...          | 4.658  | 3.801 | 96387949 | 476.3E6 | 75.324  | 75.742   |
| 2) SA Decachlor...          | 10.437 | 8.808 | 73513004 | 475.1E6 | 75.377  | 74.984   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.810  | 4.897 | 23548183 | 235.7E6 | 761.091 | 749.095  |
| 22) L5 AR-1248-2            | 6.081  | 5.117 | 31337463 | 153.7E6 | 754.496 | 768.427  |
| 23) L5 AR-1248-3            | 6.284  | 5.157 | 35028270 | 183.3E6 | 753.951 | 722.769m |
| 24) L5 AR-1248-4            | 6.681  | 5.331 | 42467941 | 177.0E6 | 751.857 | 757.895  |
| 25) L5 AR-1248-5            | 6.721  | 5.719 | 41109339 | 325.2E6 | 750.393 | 747.880  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 12:53  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

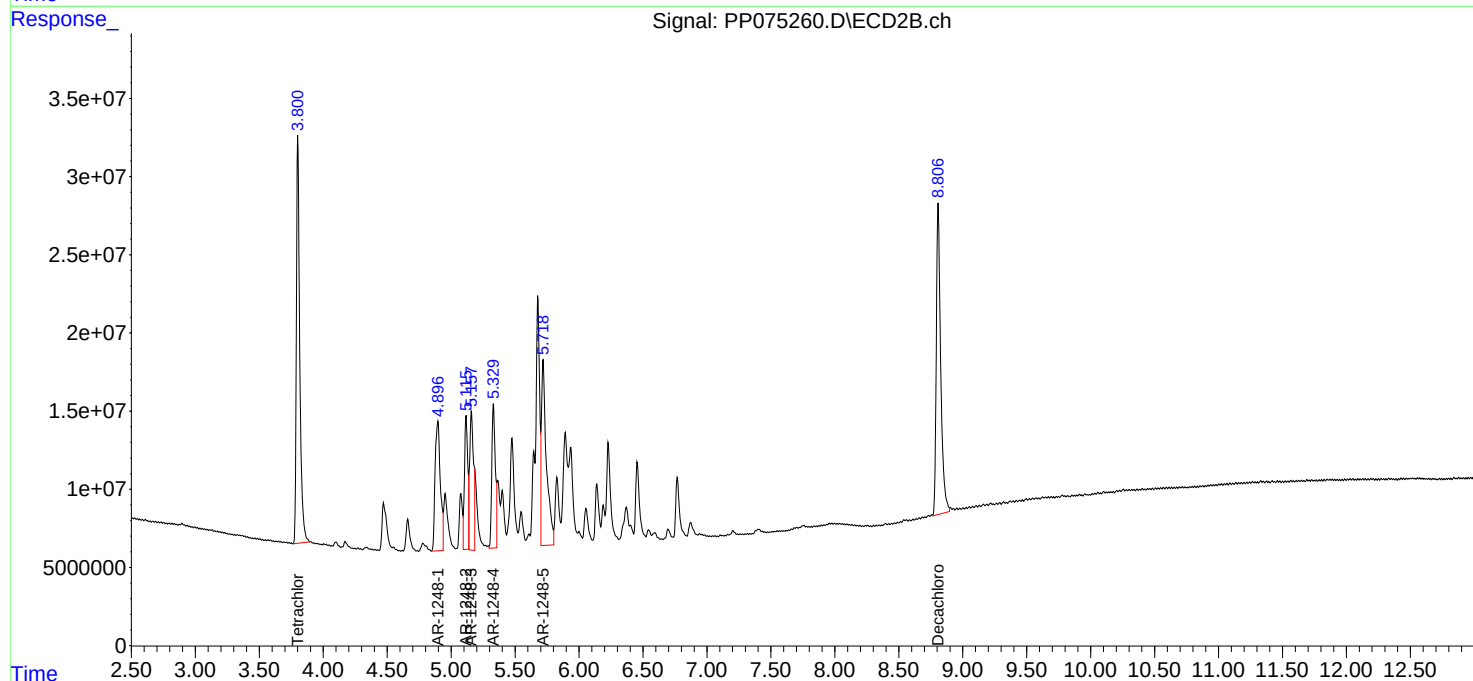
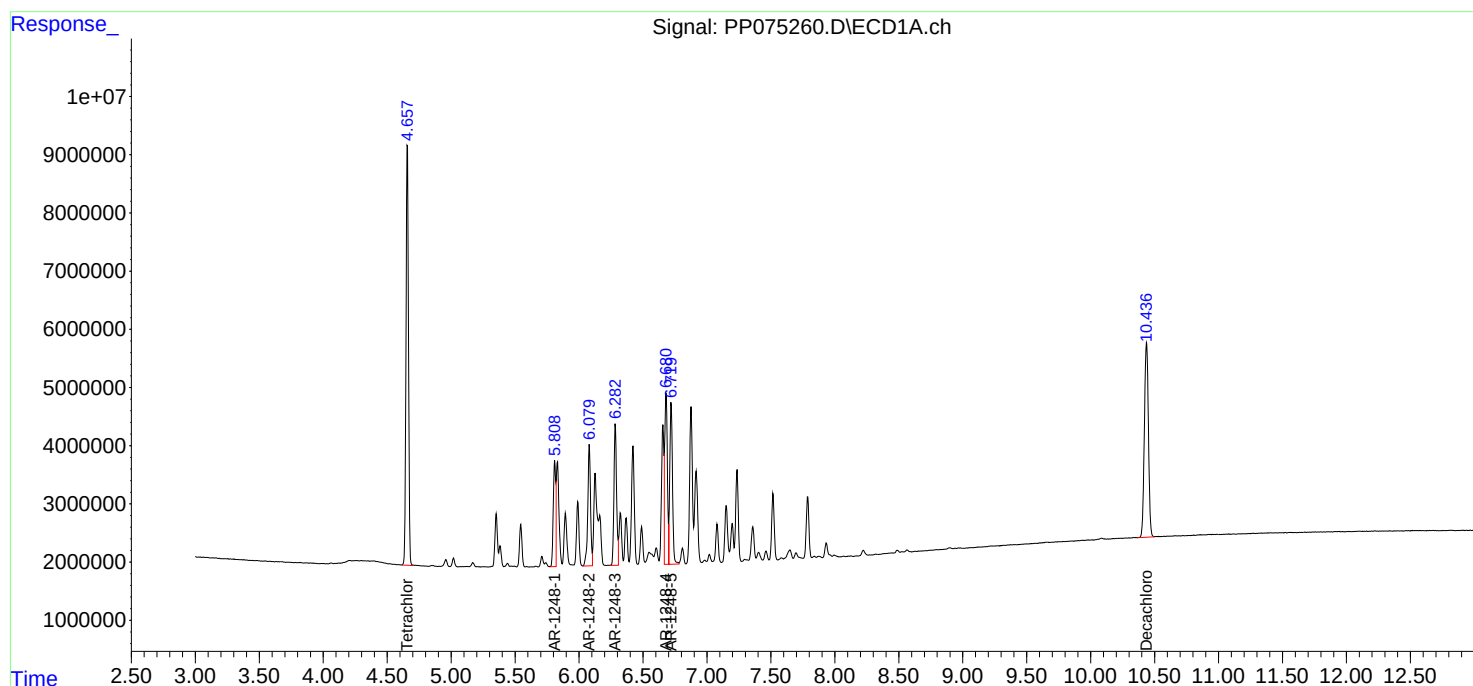
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

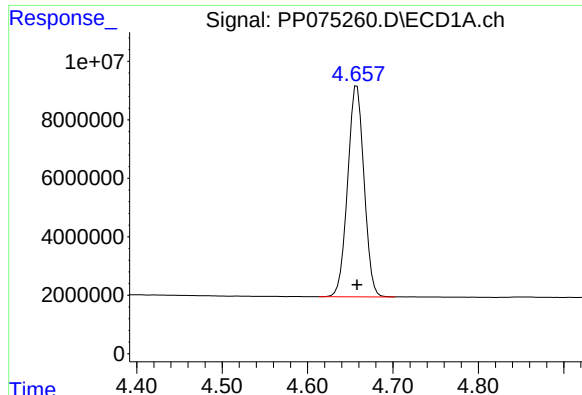
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:11:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 14:04:14 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





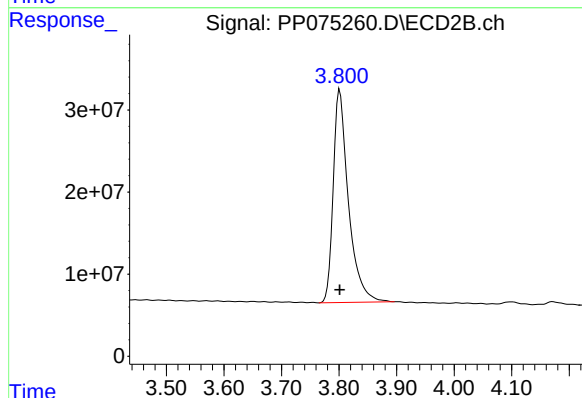
## #1 Tetrachloro-m-xylene

R.T.: 4.658 min  
Delta R.T.: 0.000 min  
Response: 96387949  
Conc: 75.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

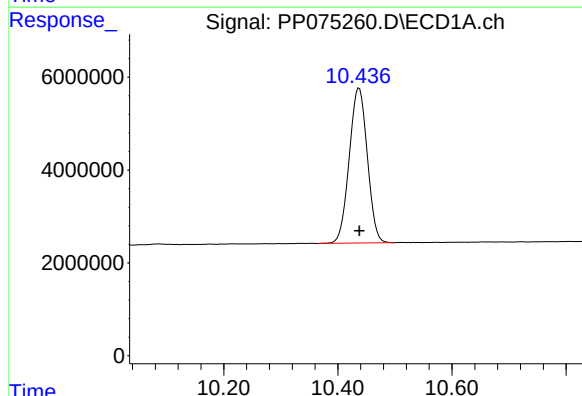
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



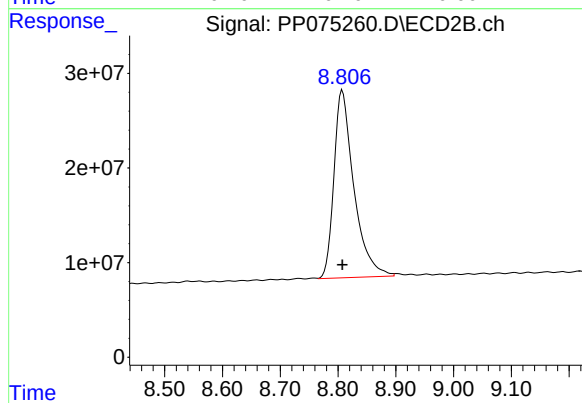
## #1 Tetrachloro-m-xylene

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 476334942  
Conc: 75.74 ng/ml



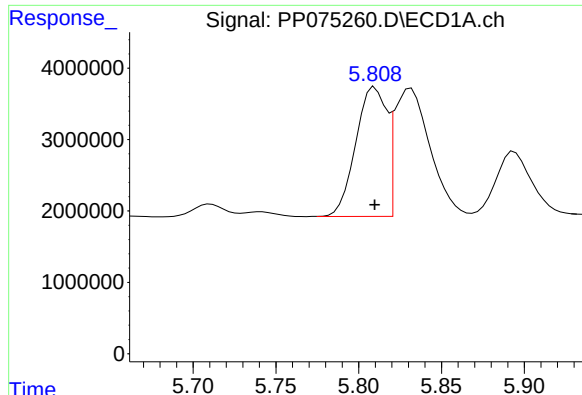
## #2 Decachlorobiphenyl

R.T.: 10.437 min  
Delta R.T.: 0.000 min  
Response: 73513004  
Conc: 75.38 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.808 min  
Delta R.T.: 0.000 min  
Response: 475073939  
Conc: 74.98 ng/ml



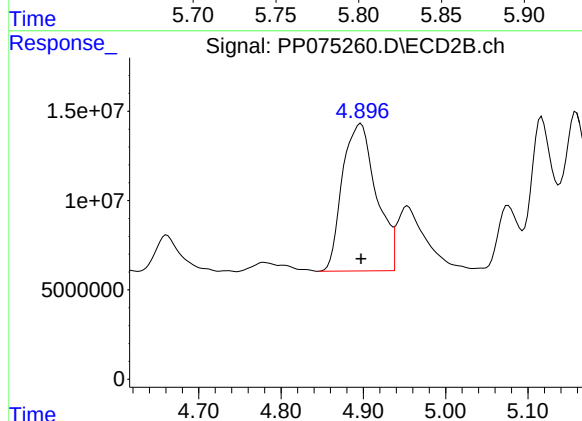
#21 AR-1248-1

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 23548183  
Conc: 761.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

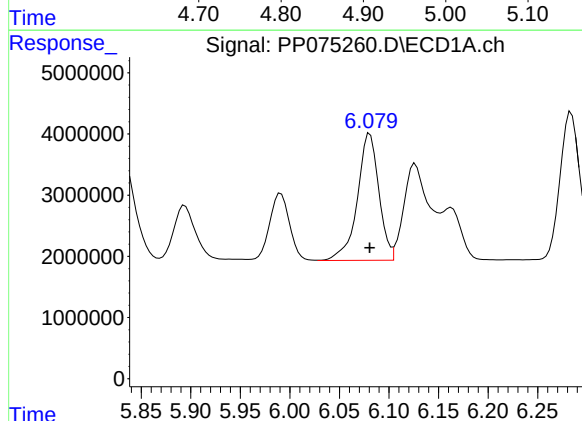
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



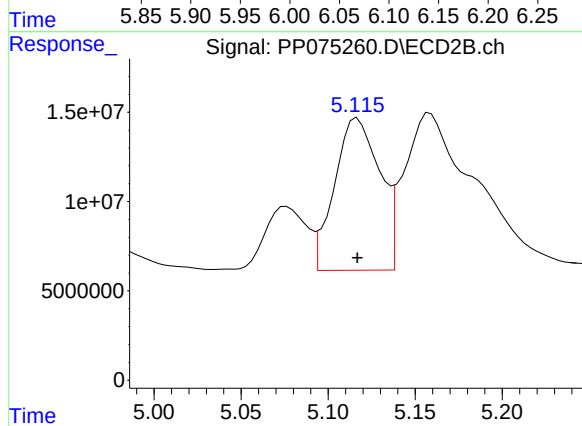
#21 AR-1248-1

R.T.: 4.897 min  
Delta R.T.: 0.000 min  
Response: 235715637  
Conc: 749.10 ng/ml



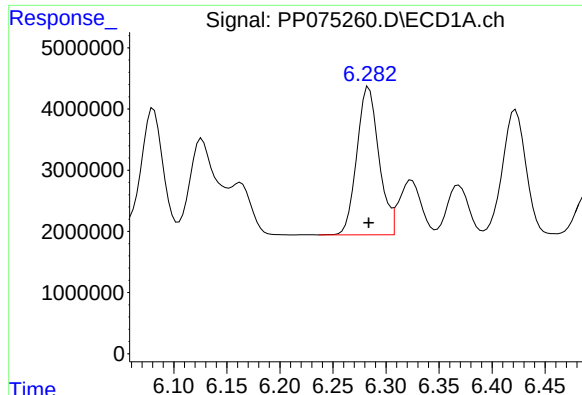
#22 AR-1248-2

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 31337463  
Conc: 754.50 ng/ml



#22 AR-1248-2

R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 153706618  
Conc: 768.43 ng/ml



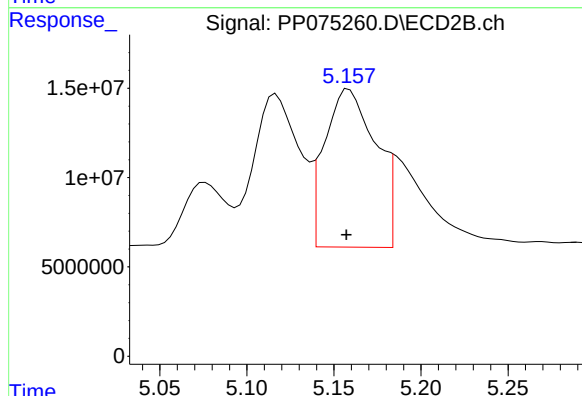
#23 AR-1248-3

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 35028270  
Conc: 753.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

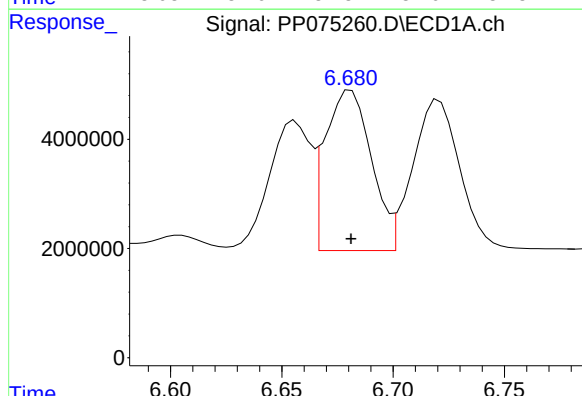
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



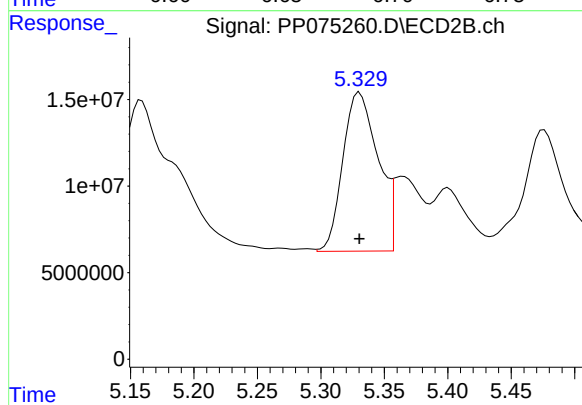
#23 AR-1248-3

R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 183253915  
Conc: 722.77 ng/ml m



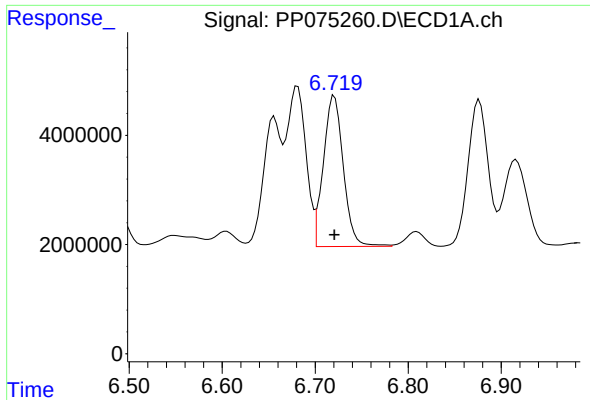
#24 AR-1248-4

R.T.: 6.681 min  
Delta R.T.: 0.000 min  
Response: 42467941  
Conc: 751.86 ng/ml



#24 AR-1248-4

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 177004743  
Conc: 757.89 ng/ml



#25 AR-1248-5

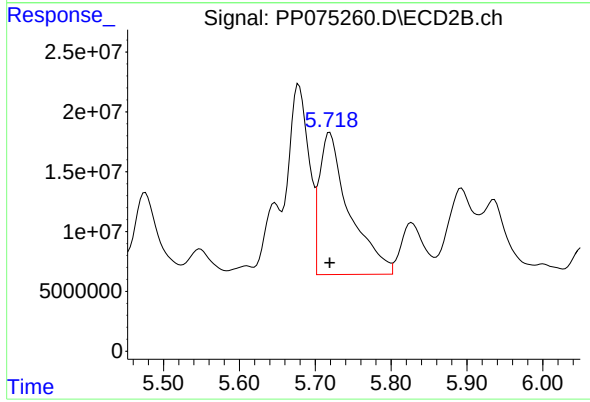
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 41109339  
Conc: 750.39 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 325234126  
Conc: 747.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075261.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 13:10  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:04:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 14:04:14 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...          | 4.660  | 3.796 | 65927642 | 308.7E6 | 50.000  | 50.000   |
| 2) SA Decachlor...          | 10.439 | 8.803 | 50471290 | 319.6E6 | 50.000  | 50.000   |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.811  | 4.892 | 16124985 | 158.4E6 | 500.000 | 500.000  |
| 22) L5 AR-1248-2            | 6.083  | 5.112 | 21729896 | 100.3E6 | 500.000 | 500.000  |
| 23) L5 AR-1248-3            | 6.285  | 5.152 | 24239118 | 131.8E6 | 500.000 | 515.550m |
| 24) L5 AR-1248-4            | 6.683  | 5.325 | 29633124 | 115.6E6 | 500.000 | 500.000  |
| 25) L5 AR-1248-5            | 6.723  | 5.714 | 28835751 | 226.7E6 | 500.000 | 500.000  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075261.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 13:10  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

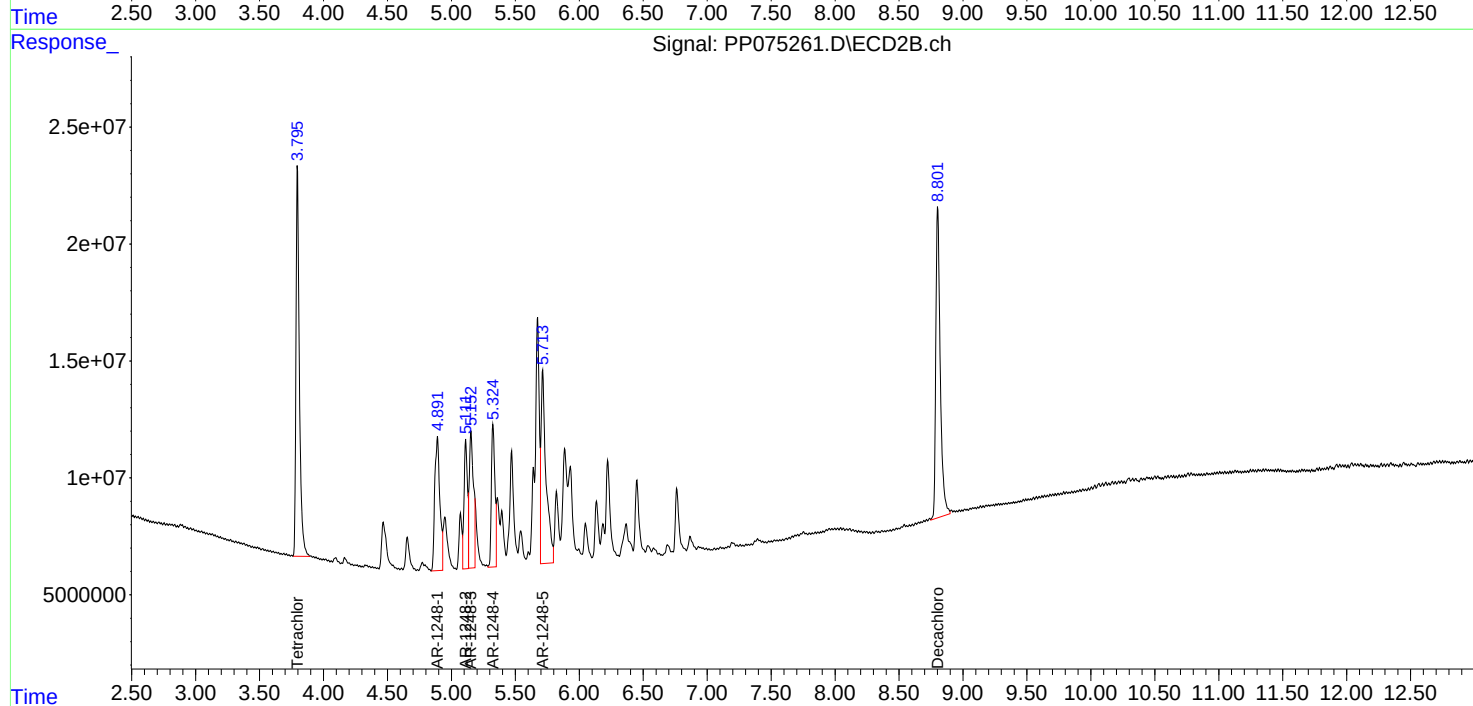
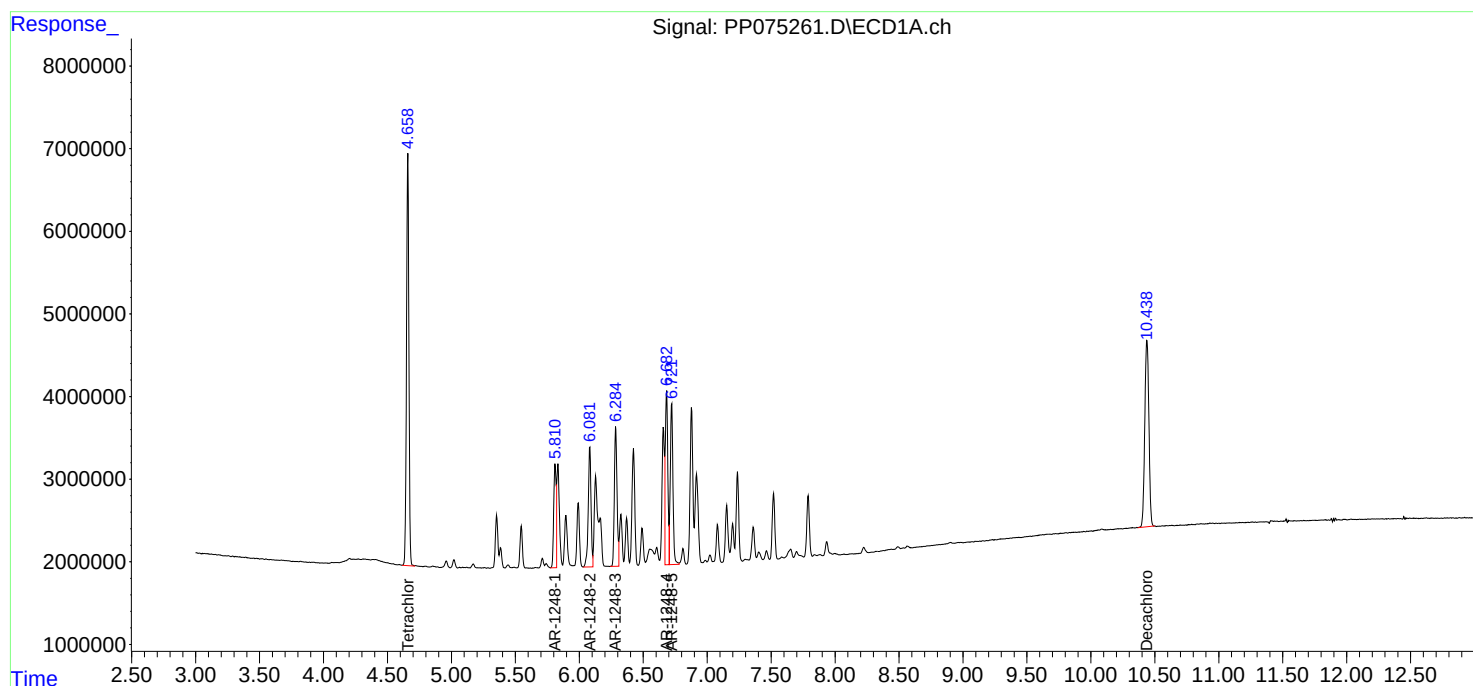
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

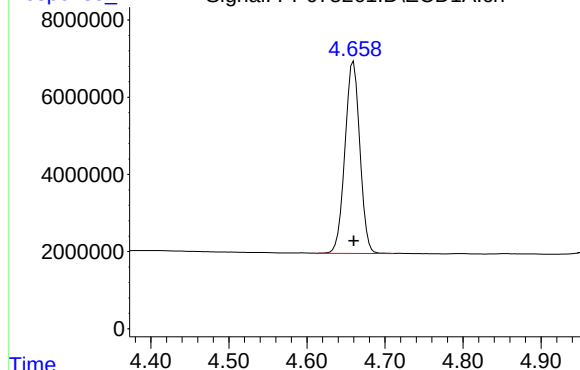
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:04:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 14:04:14 2025  
Response via : Initial Calibration  
Integrator: 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





Signal: PP075261.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 65927642  
Conc: 50.00 ng/ml

Instrument :

ECD\_P

ClientSampleId :

AR1248ICC500

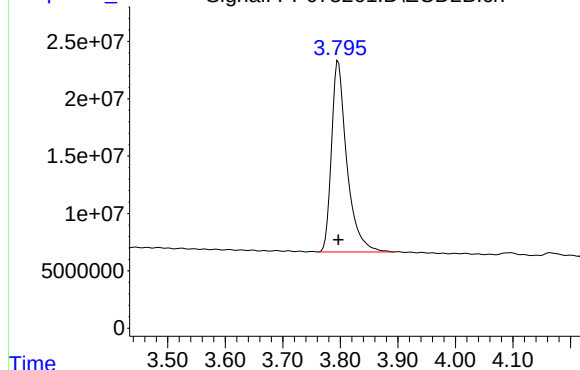
Manual Integrations

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Reviewed By :Yogesh Patel 09/24/2025

Supervised By :mohammad ahmed 09/25/2025

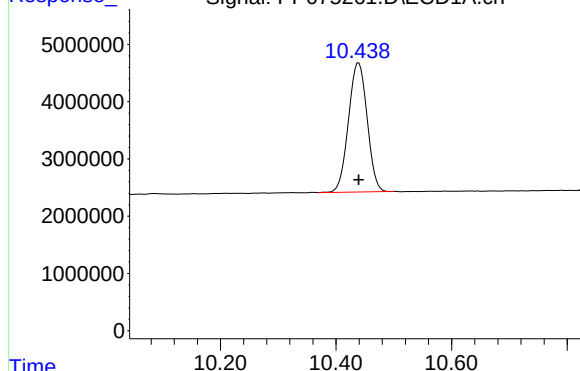
Signal: PP075261.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 308675147  
Conc: 50.00 ng/ml

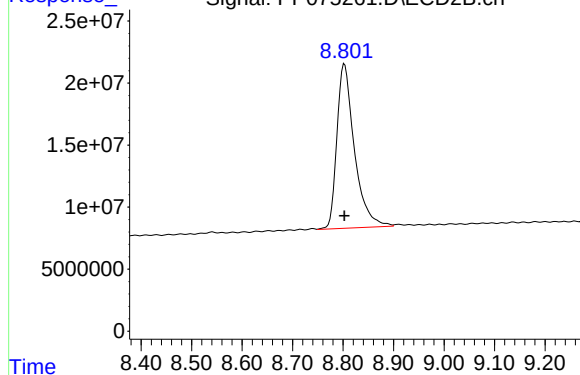
Signal: PP075261.D\ECD1A.ch



#2 Decachlorobiphenyl

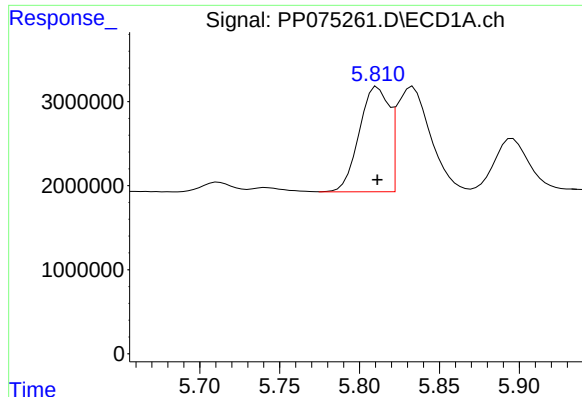
R.T.: 10.439 min  
Delta R.T.: 0.000 min  
Response: 50471290  
Conc: 50.00 ng/ml

Signal: PP075261.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 319600115  
Conc: 50.00 ng/ml



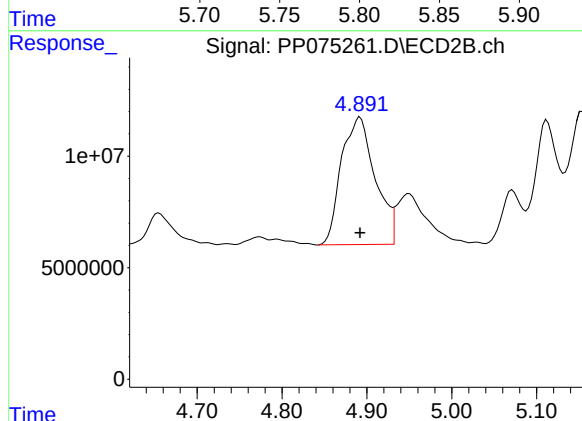
#21 AR-1248-1

R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 16124985  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

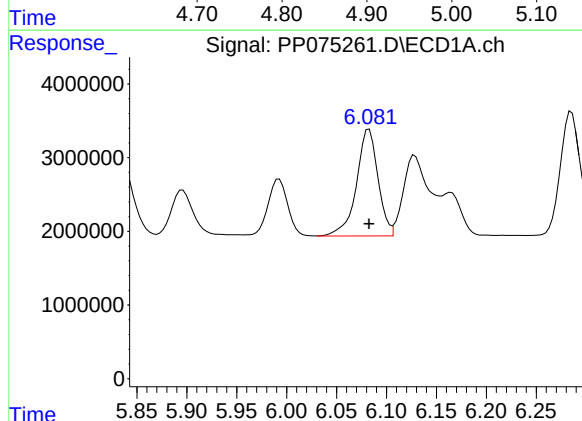
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



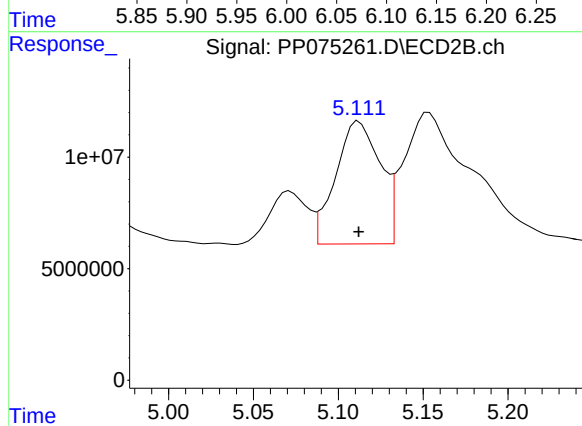
#21 AR-1248-1

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 158356149  
Conc: 500.00 ng/ml



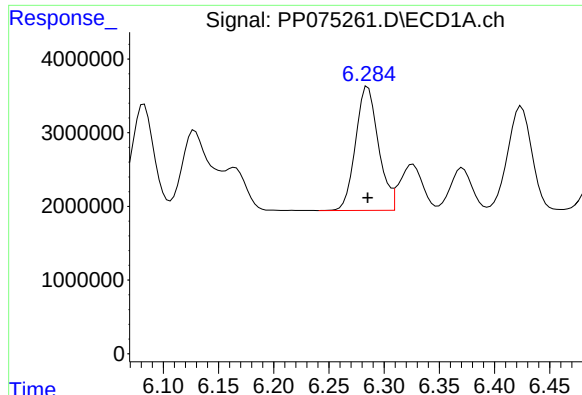
#22 AR-1248-2

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 21729896  
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 100259637  
Conc: 500.00 ng/ml



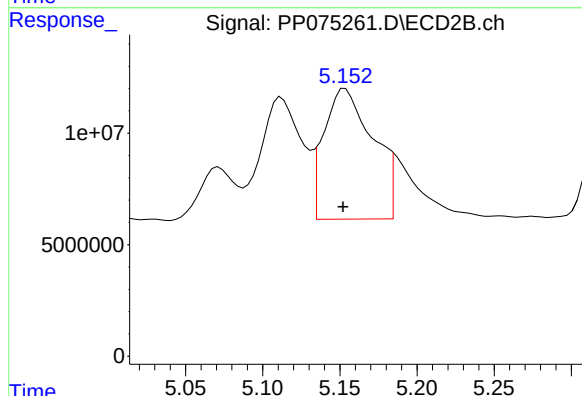
#23 AR-1248-3

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 24239118  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

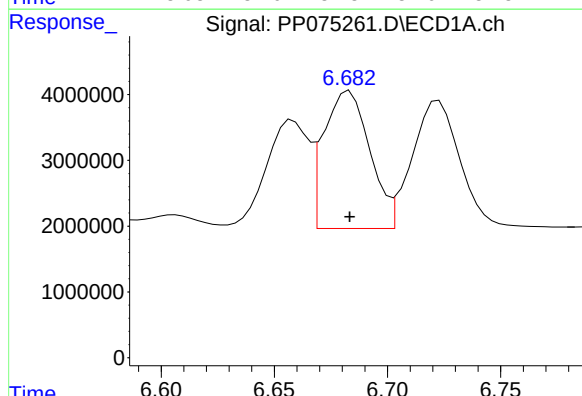
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



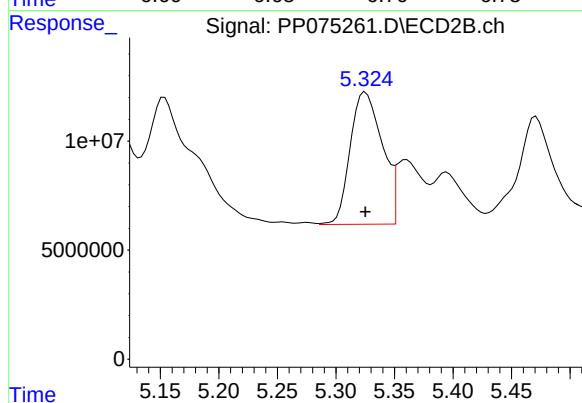
#23 AR-1248-3

R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 131811046  
Conc: 515.55 ng/ml m



#24 AR-1248-4

R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 29633124  
Conc: 500.00 ng/ml



#24 AR-1248-4

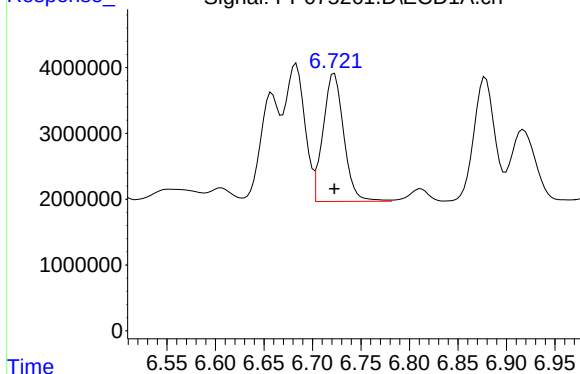
R.T.: 5.325 min  
Delta R.T.: 0.000 min  
Response: 115623755  
Conc: 500.00 ng/ml

Response\_

Signal: PP075261.D\ECD1A.ch

#25 AR-1248-5

ICAL Form



R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 28835751  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Manual Integrations  
APPROVED

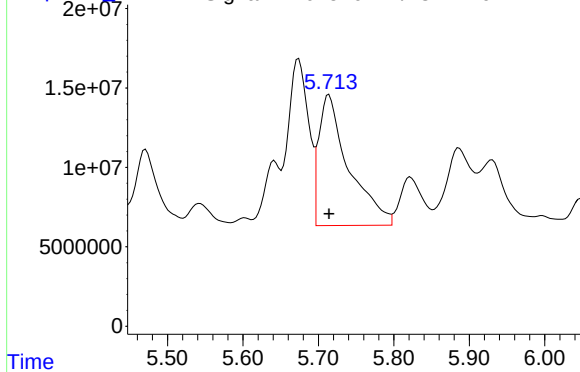
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Time

Response

Signal: PP075261.D\ECD2B.ch

#25 AR-1248-5



R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 226731113  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075262.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 13:26  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC250

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:14:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 14:04:14 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...          | 4.657  | 3.801 | 33217069 | 138.8E6  | 25.712  | 22.741   |
| 2) SA Decachlor...          | 10.437 | 8.806 | 25462185 | 150.8E6  | 25.822  | 24.087   |
| Target Compounds            |        |       |          |          |         |          |
| 21) L5 AR-1248-1            | 5.809  | 4.895 | 8438835  | 78304958 | 266.682 | 249.137  |
| 22) L5 AR-1248-2            | 6.080  | 5.116 | 11269776 | 51510660 | 265.668 | 255.596  |
| 23) L5 AR-1248-3            | 6.282  | 5.157 | 12543499 | 64693904 | 264.697 | 262.977m |
| 24) L5 AR-1248-4            | 6.681  | 5.329 | 15335475 | 57505517 | 265.786 | 247.159  |
| 25) L5 AR-1248-5            | 6.720  | 5.719 | 15386978 | 109.3E6  | 272.457 | 250.932  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075262.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 13:26  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

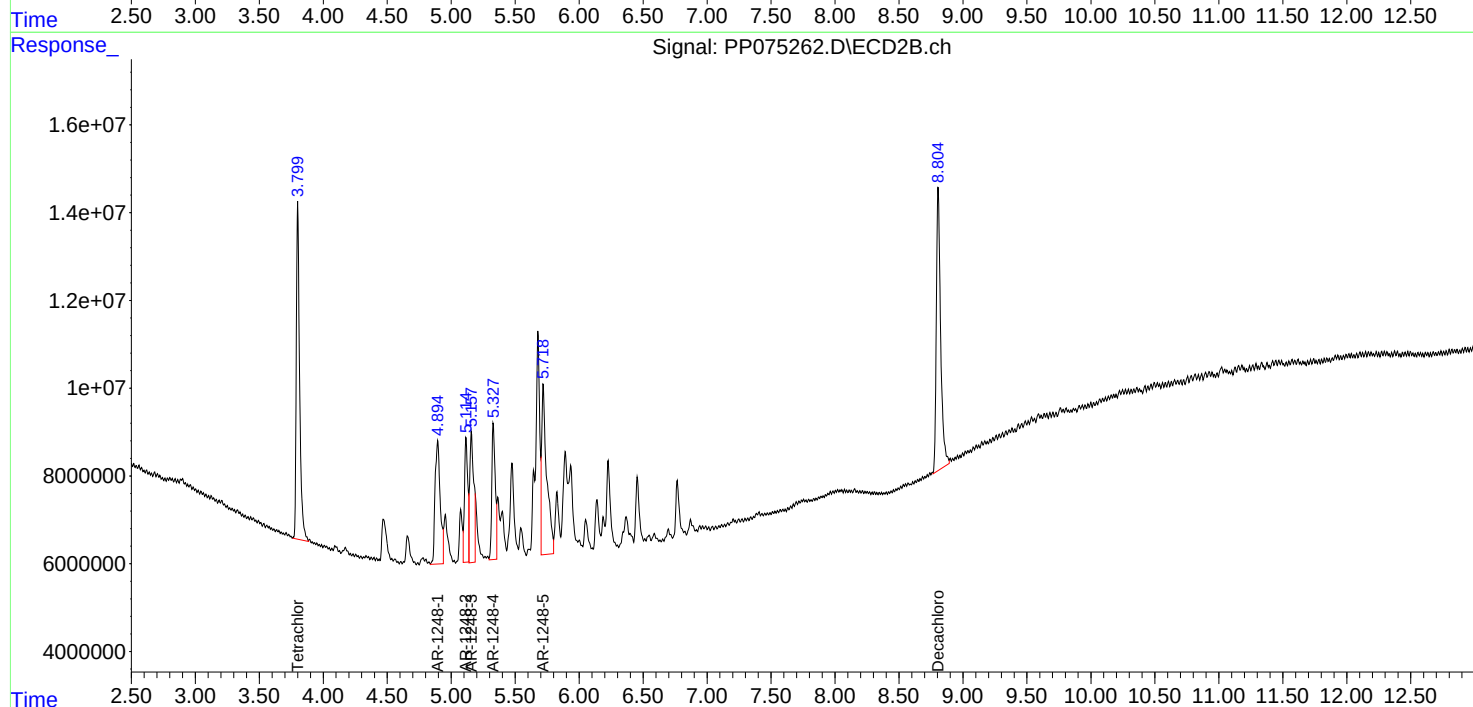
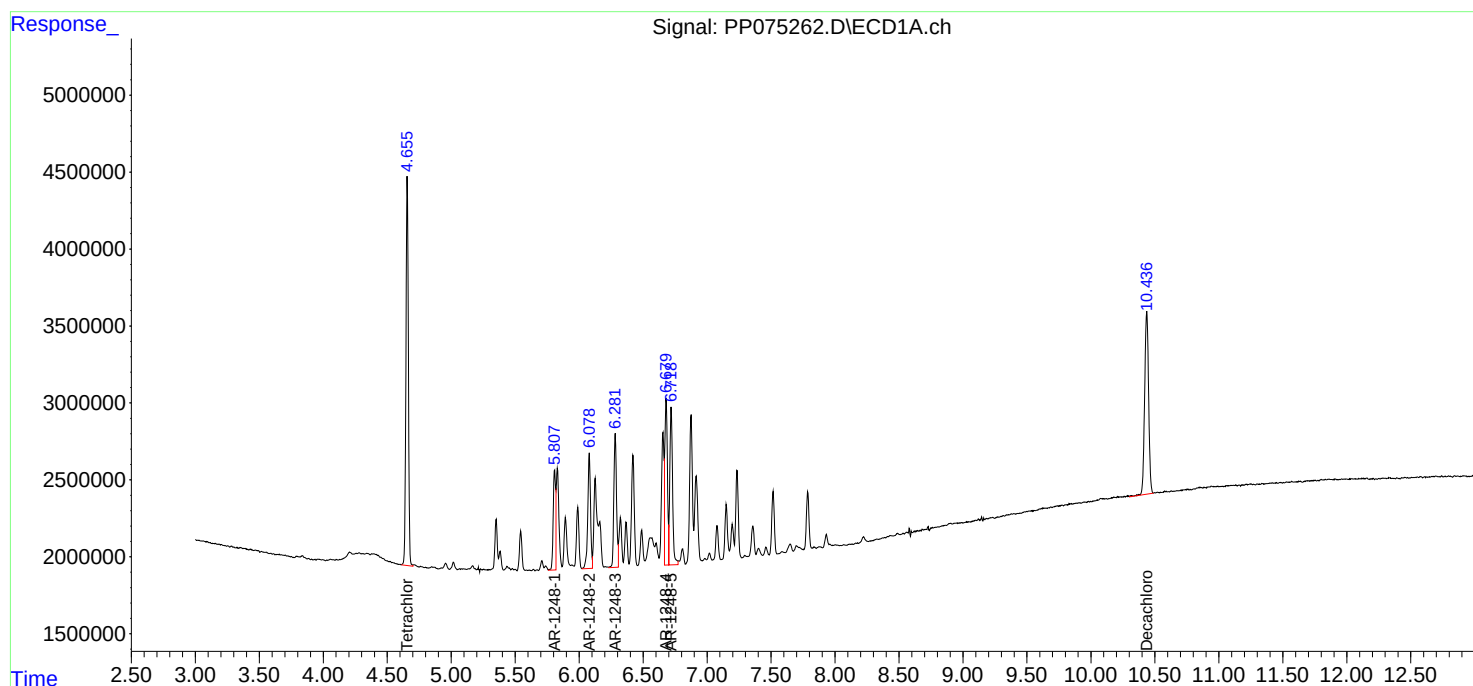
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

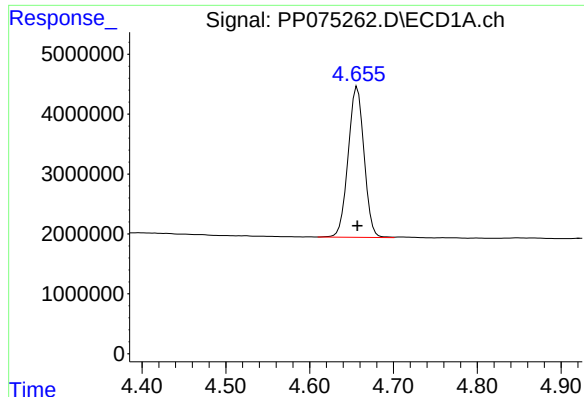
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:14:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 14:04:14 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





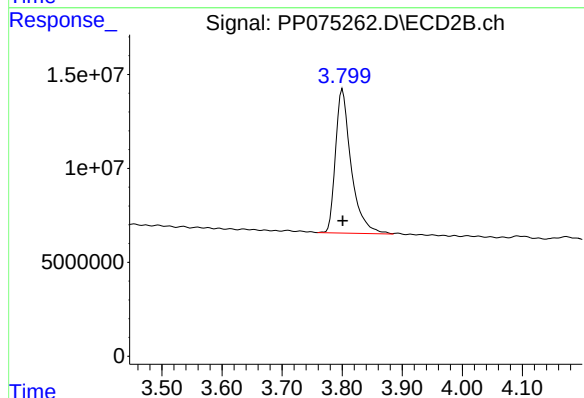
## #1 Tetrachloro-m-xylene

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 33217069  
Conc: 25.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

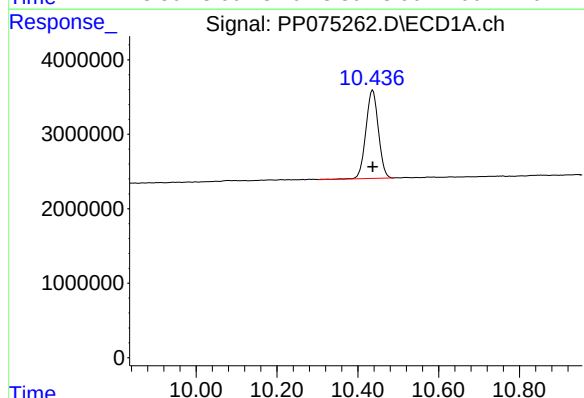
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



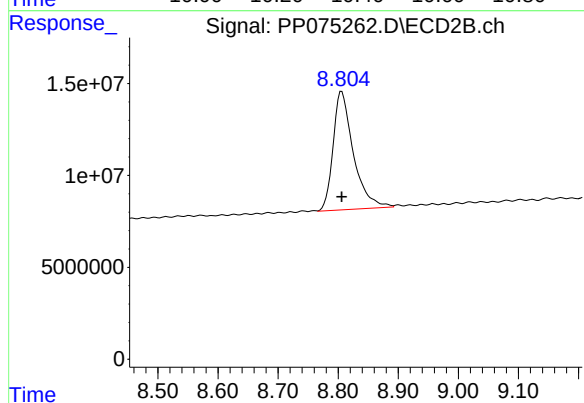
## #1 Tetrachloro-m-xylene

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 138838609  
Conc: 22.74 ng/ml



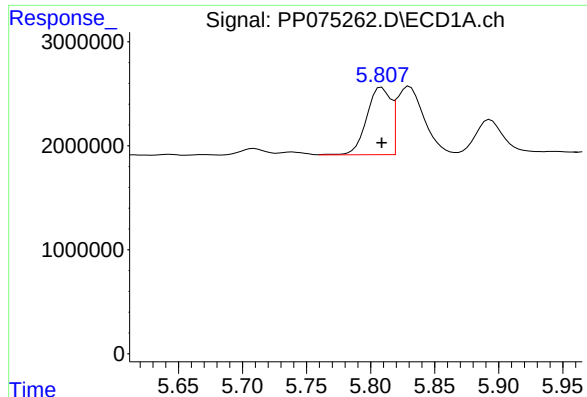
## #2 Decachlorobiphenyl

R.T.: 10.437 min  
Delta R.T.: 0.000 min  
Response: 25462185  
Conc: 25.82 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 150774763  
Conc: 24.09 ng/ml



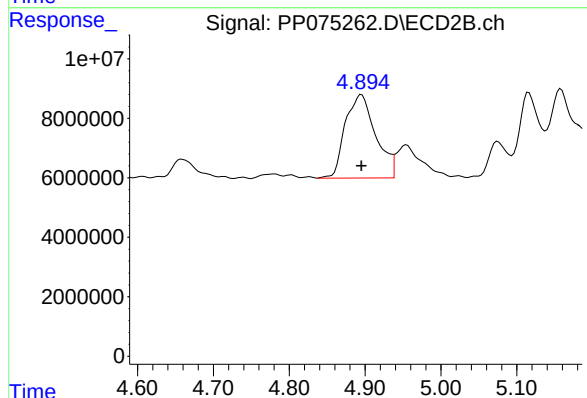
#21 AR-1248-1

R.T.: 5.809 min  
Delta R.T.: 0.000 min  
Response: 8438835  
Conc: 266.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

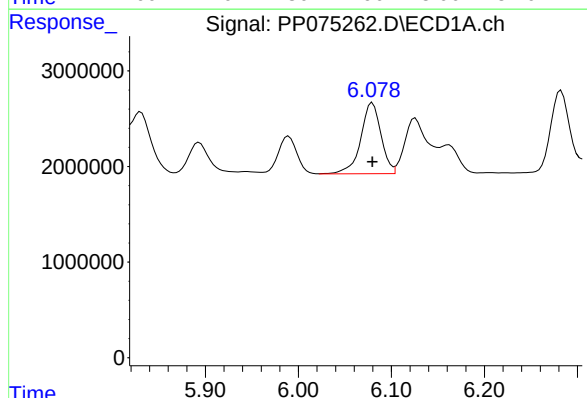
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



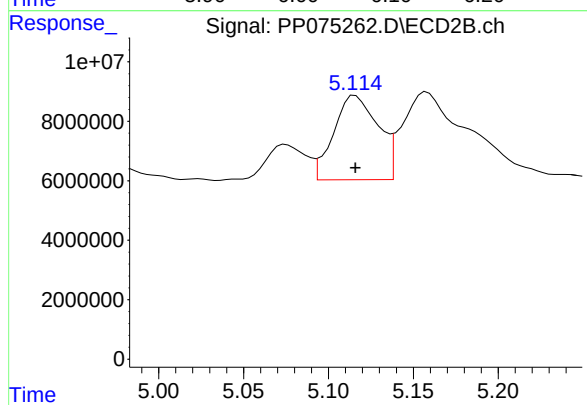
#21 AR-1248-1

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 78304958  
Conc: 249.14 ng/ml



#22 AR-1248-2

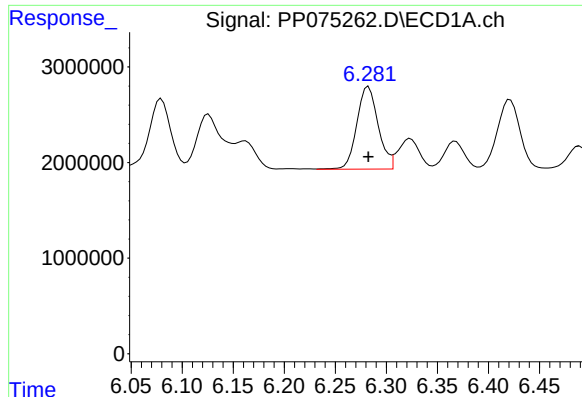
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 11269776  
Conc: 265.67 ng/ml



#22 AR-1248-2

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 51510660  
Conc: 255.60 ng/ml





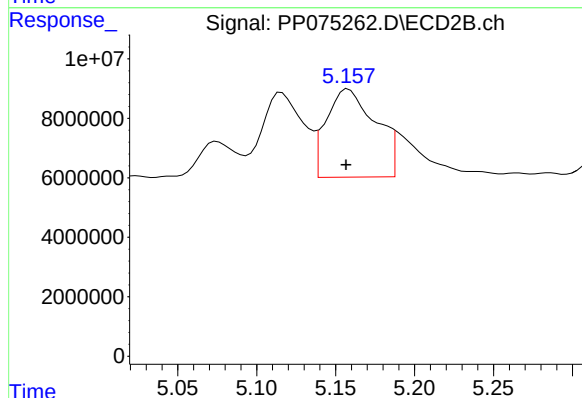
#23 AR-1248-3

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 12543499  
Conc: 264.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

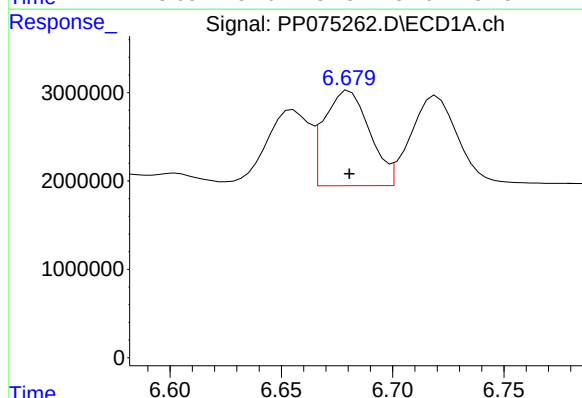
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



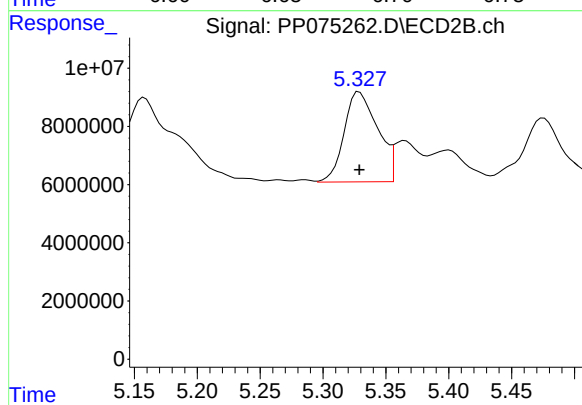
#23 AR-1248-3

R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 64693904  
Conc: 262.98 ng/ml m



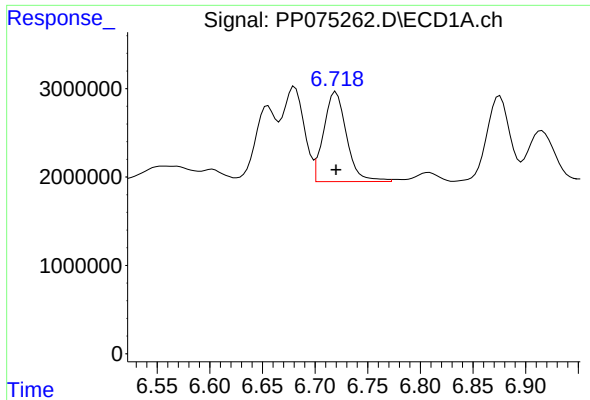
#24 AR-1248-4

R.T.: 6.681 min  
Delta R.T.: 0.000 min  
Response: 15335475  
Conc: 265.79 ng/ml



#24 AR-1248-4

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 57505517  
Conc: 247.16 ng/ml



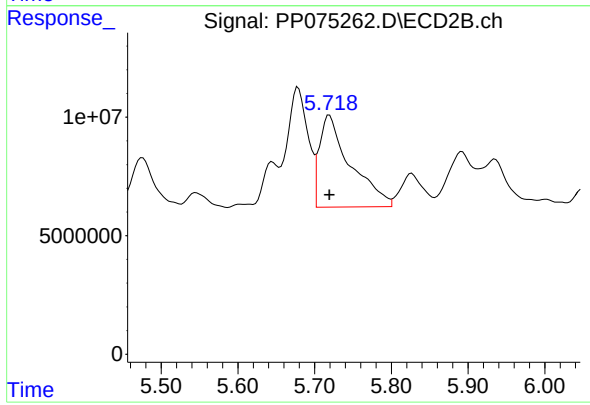
#25 AR-1248-5

R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 15386978  
Conc: 272.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 109260049  
Conc: 250.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 13:42  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 14:19:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 14:04:14 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...          | 4.655  | 3.797 | 6566364 | 21995820 | 5.074m  | 3.816    |
| 2) SA Decachlor...          | 10.437 | 8.804 | 4912073 | 26887807 | 4.985   | 4.420    |
| Target Compounds            |        |       |         |          |         |          |
| 21) L5 AR-1248-1            | 5.809  | 4.897 | 1561167 | 12255520 | 49.467  | 40.788   |
| 22) L5 AR-1248-2            | 6.080  | 5.114 | 2357910 | 10313506 | 54.370  | 50.936   |
| 23) L5 AR-1248-3            | 6.282  | 5.154 | 2462035 | 12158074 | 51.552  | 45.736m  |
| 24) L5 AR-1248-4            | 6.681  | 5.326 | 3238253 | 11652585 | 54.782  | 50.066   |
| 25) L5 AR-1248-5            | 6.719  | 5.728 | 3479899 | 15059630 | 59.114m | 36.859 # |
| -----                       |        |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 13:42  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

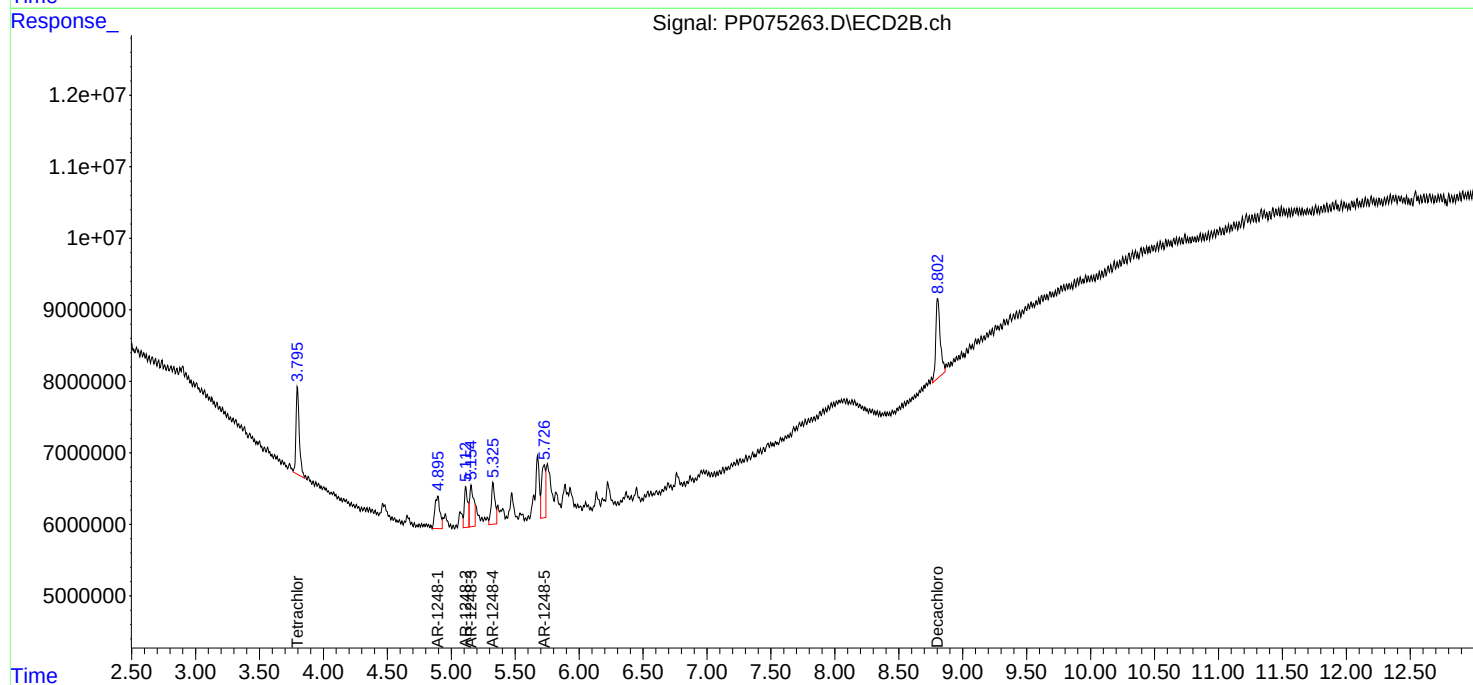
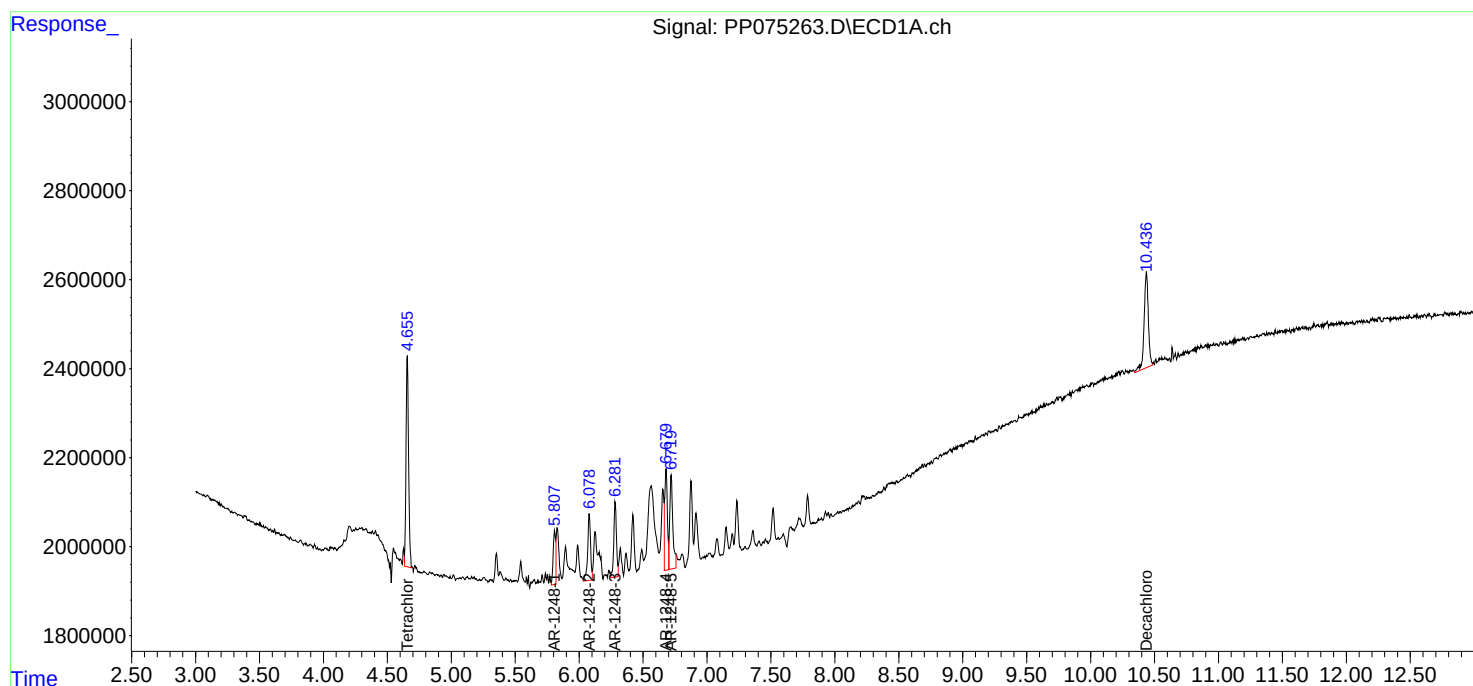
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
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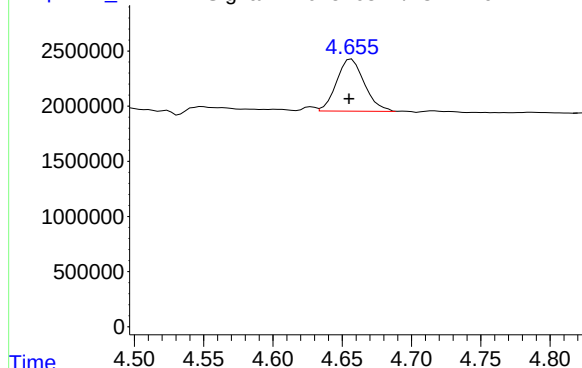
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 14:19:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 14:04:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP075263.D\ECD1A.ch



#1 Tetrachloro-m-xylene

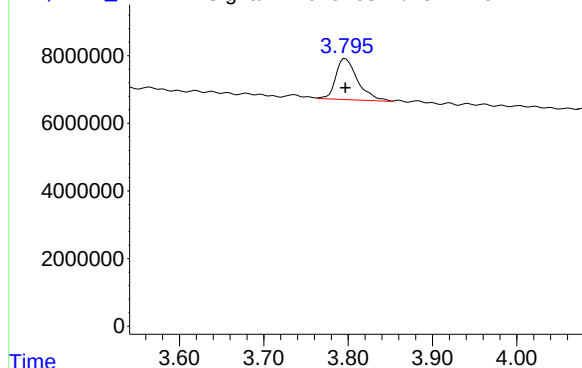
R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 6566364  
Conc: 5.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

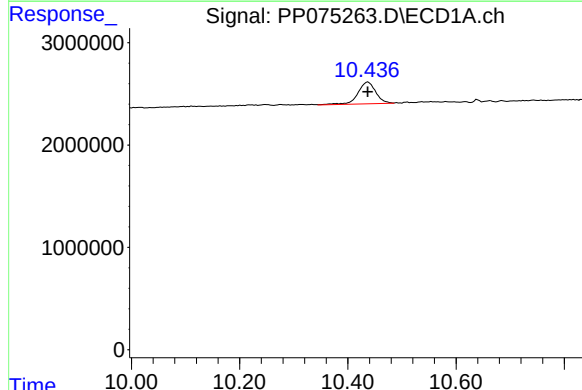
Response\_ Signal: PP075263.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 21995820  
Conc: 3.82 ng/ml

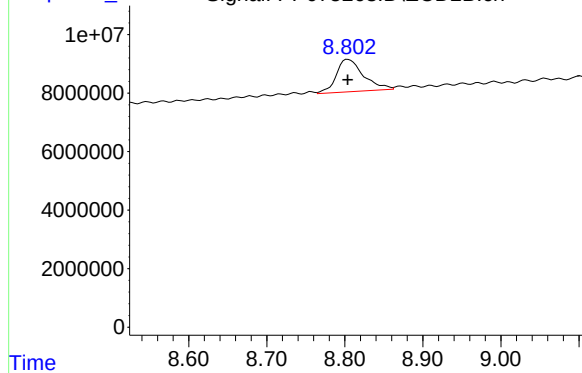
Response\_ Signal: PP075263.D\ECD1A.ch



#2 Decachlorobiphenyl

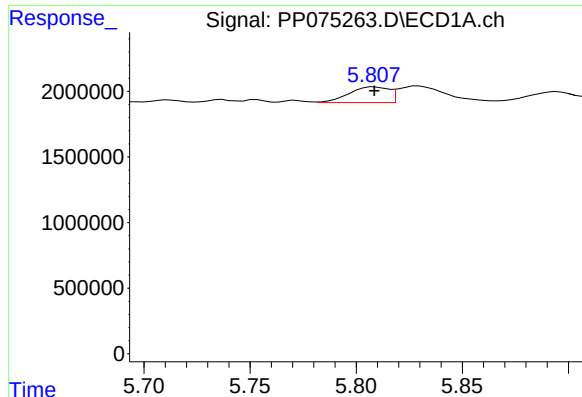
R.T.: 10.437 min  
Delta R.T.: 0.000 min  
Response: 4912073  
Conc: 4.99 ng/ml

Response\_ Signal: PP075263.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.804 min  
Delta R.T.: 0.000 min  
Response: 26887807  
Conc: 4.42 ng/ml



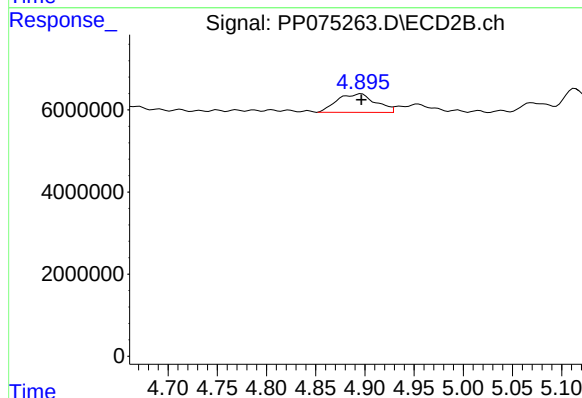
#21 AR-1248-1

R.T.: 5.809 min  
Delta R.T.: 0.000 min  
Response: 1561167  
Conc: 49.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

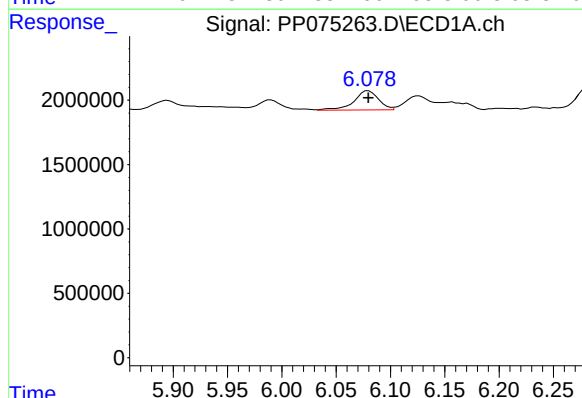
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



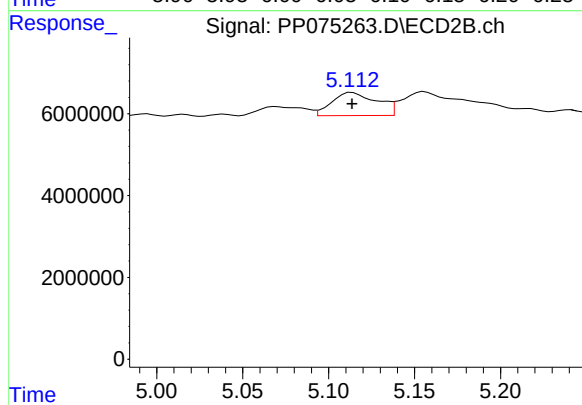
#21 AR-1248-1

R.T.: 4.897 min  
Delta R.T.: 0.000 min  
Response: 12255520  
Conc: 40.79 ng/ml



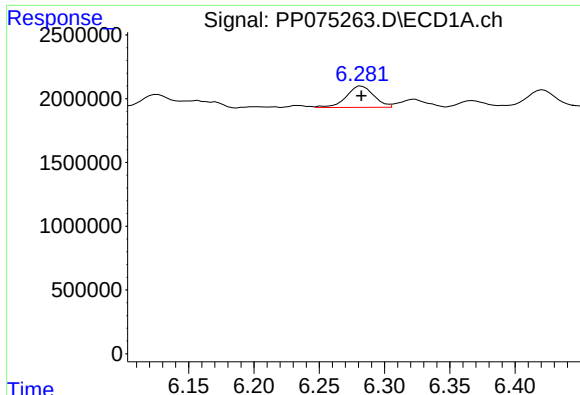
#22 AR-1248-2

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 2357910  
Conc: 54.37 ng/ml



#22 AR-1248-2

R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 10313506  
Conc: 50.94 ng/ml



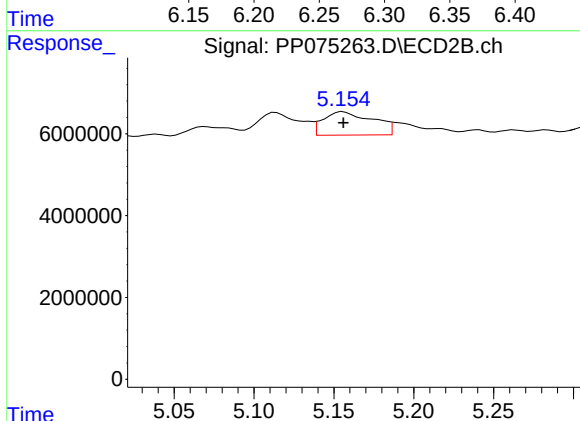
#23 AR-1248-3

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 2462035  
Conc: 51.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

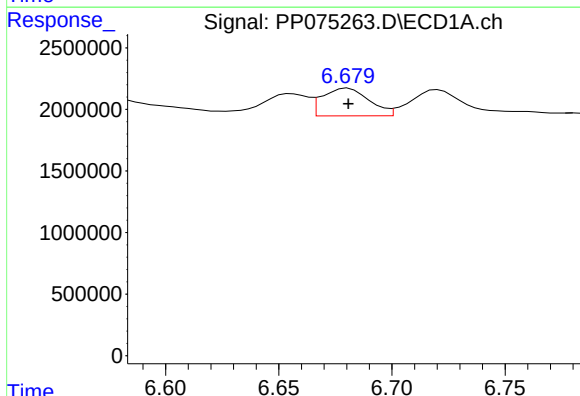
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



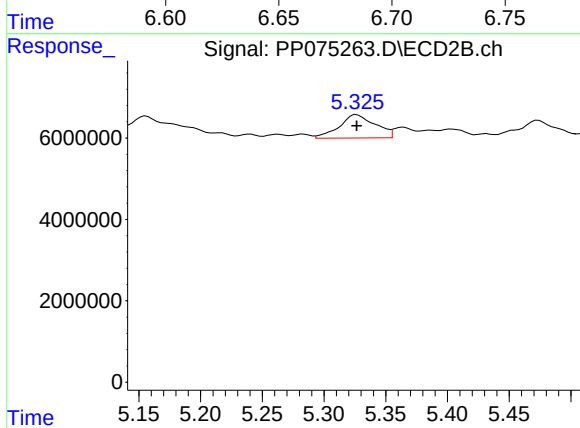
#23 AR-1248-3

R.T.: 5.154 min  
Delta R.T.: -0.001 min  
Response: 12158074  
Conc: 45.74 ng/ml m



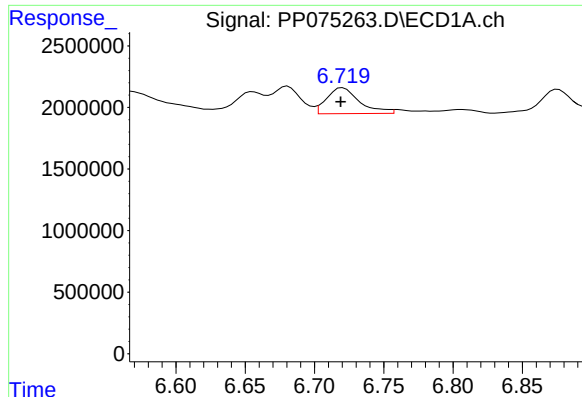
#24 AR-1248-4

R.T.: 6.681 min  
Delta R.T.: 0.000 min  
Response: 3238253  
Conc: 54.78 ng/ml



#24 AR-1248-4

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 11652585  
Conc: 50.07 ng/ml



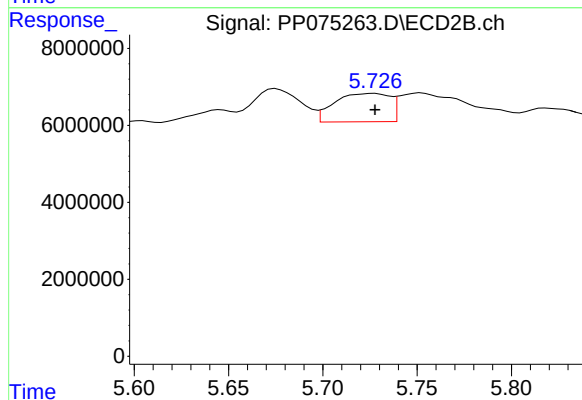
#25 AR-1248-5

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 3479899  
Conc: 59.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#25 AR-1248-5

R.T.: 5.728 min  
Delta R.T.: 0.000 min  
Response: 15059630  
Conc: 36.86 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075264.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 14:15  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC1000

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 15:27:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 15:25:14 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...          | 4.660  | 3.799 | 124.3E6  | 624.1E6 | 96.412   | 98.637  |
| 2) SA Decachlor...          | 10.440 | 8.805 | 94019612 | 623.8E6 | 94.956   | 97.883  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.659  | 5.678 | 61475917 | 503.0E6 | 968.019m | 971.997 |
| 27) L6 AR-1254-2            | 6.876  | 5.825 | 77552440 | 378.2E6 | 944.080  | 972.887 |
| 28) L6 AR-1254-3            | 7.238  | 6.227 | 82845377 | 715.2E6 | 946.428  | 997.656 |
| 29) L6 AR-1254-4            | 7.520  | 6.453 | 64880438 | 505.6E6 | 943.395  | 962.588 |
| 30) L6 AR-1254-5            | 7.936  | 6.870 | 77310574 | 551.8E6 | 947.519  | 921.721 |
| -----                       |        |       |          |         |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075264.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 14:15  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

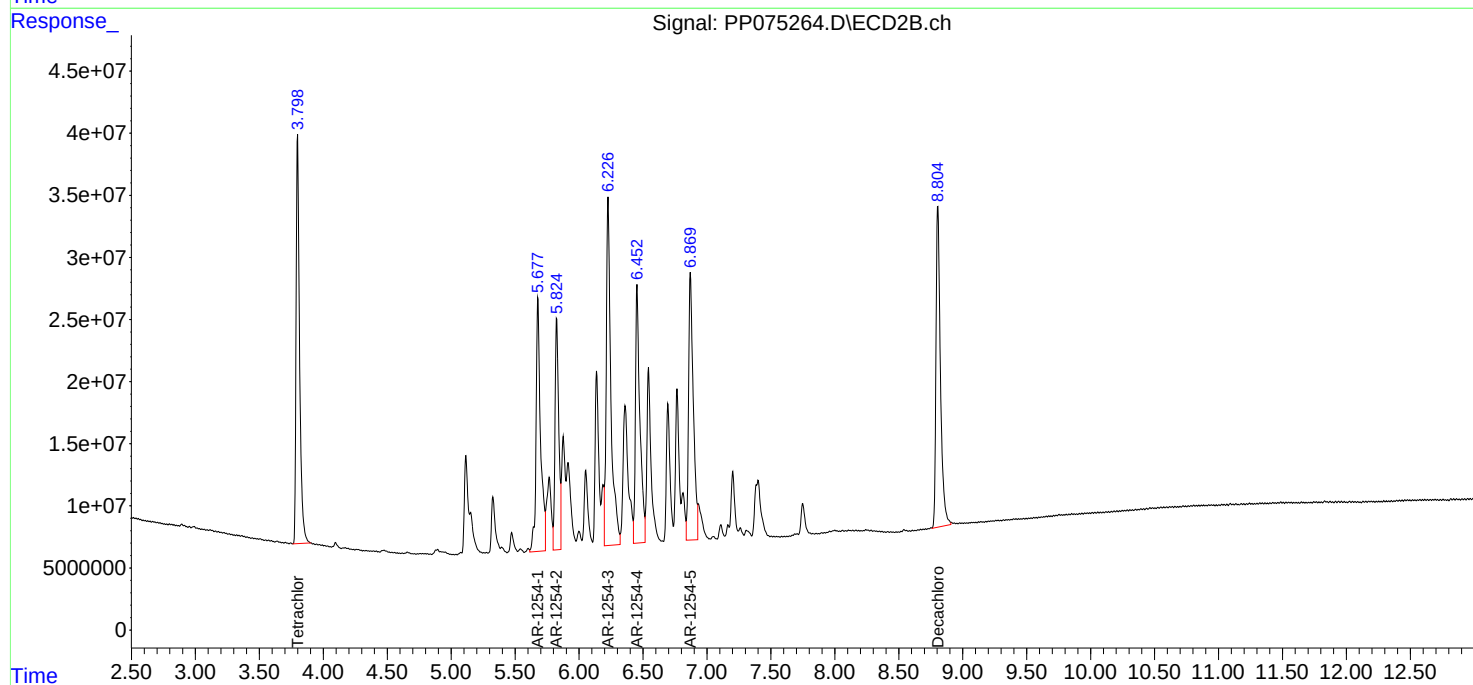
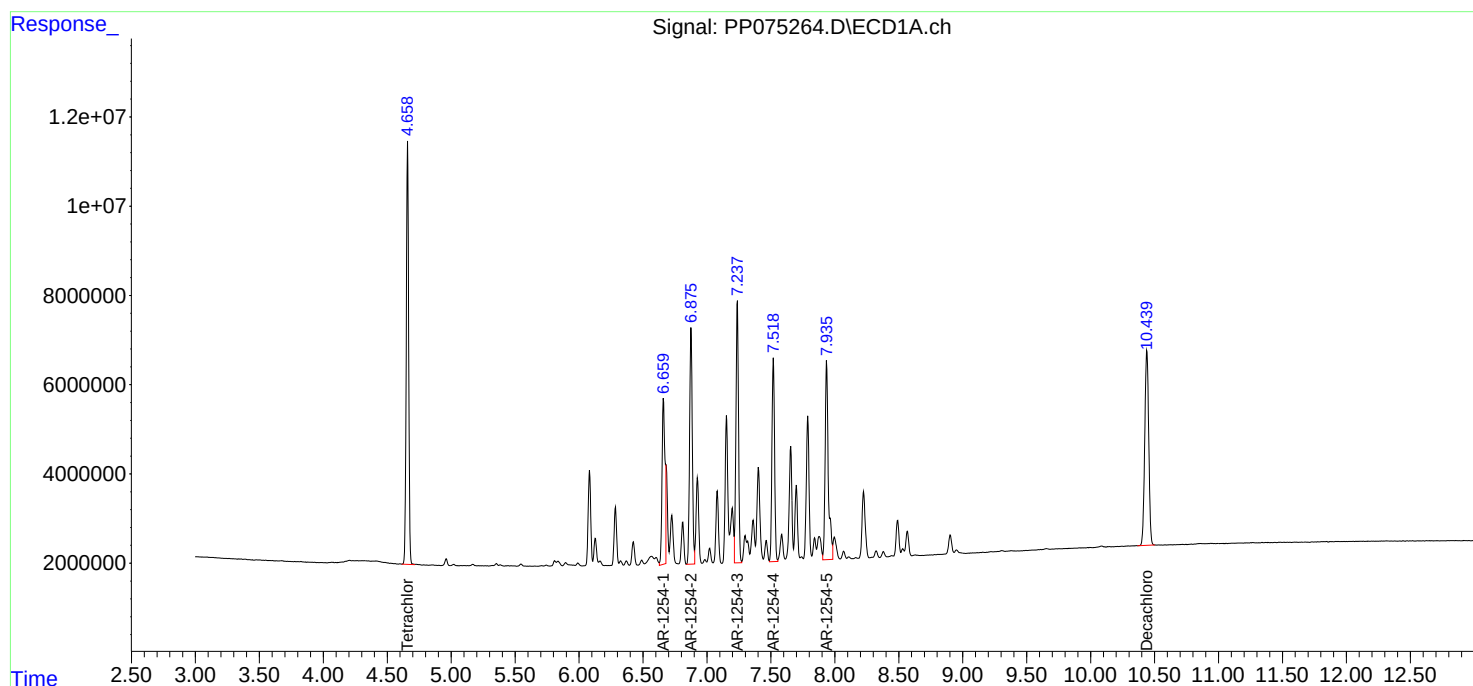
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

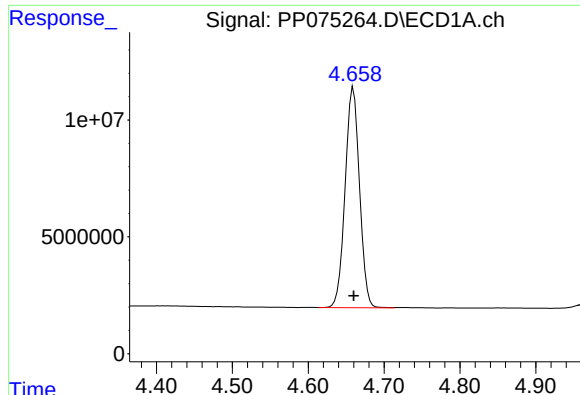
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 15:27:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 15:25:14 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





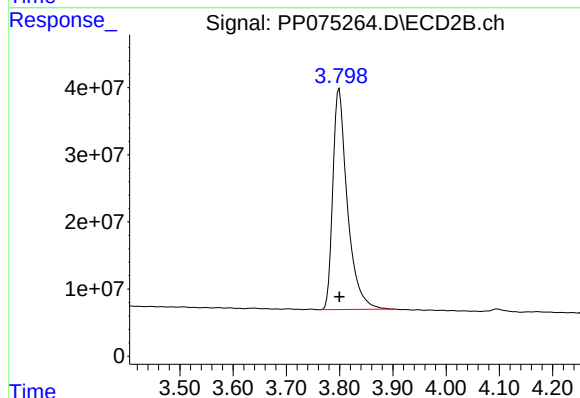
## #1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 124326548  
Conc: 96.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

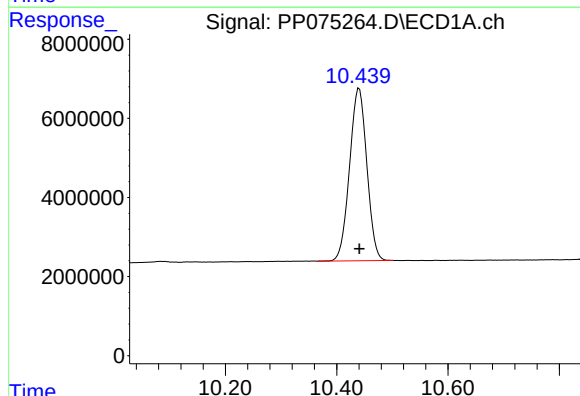
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



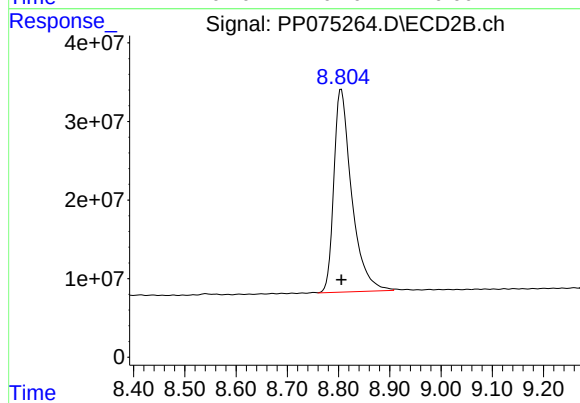
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 624084086  
Conc: 98.64 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.440 min  
Delta R.T.: 0.000 min  
Response: 94019612  
Conc: 94.96 ng/ml

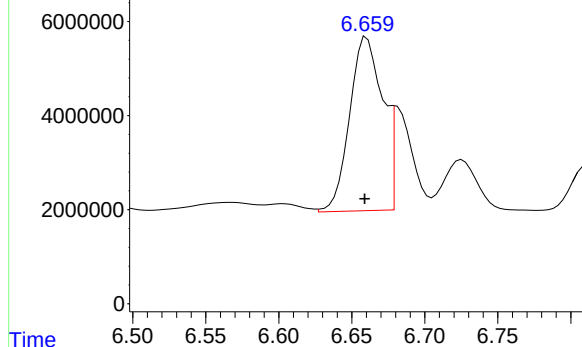


## #2 Decachlorobiphenyl

R.T.: 8.805 min  
Delta R.T.: 0.000 min  
Response: 623770605  
Conc: 97.88 ng/ml

Response\_ Signal: PP075264.D\ECD1A.ch

#26 AR-1254-1



R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 61475917  
Conc: 968.02 ng/ml

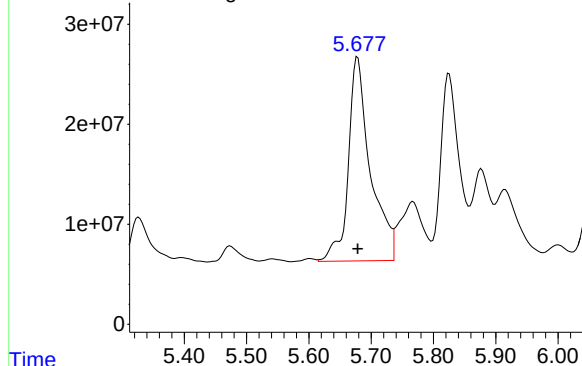
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Response\_ Signal: PP075264.D\ECD2B.ch

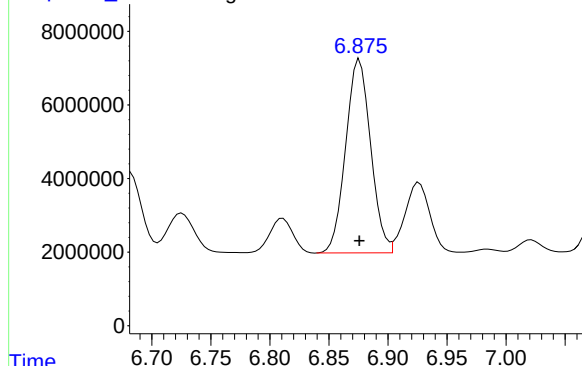
#26 AR-1254-1



R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 503004292  
Conc: 972.00 ng/ml

Response\_ Signal: PP075264.D\ECD1A.ch

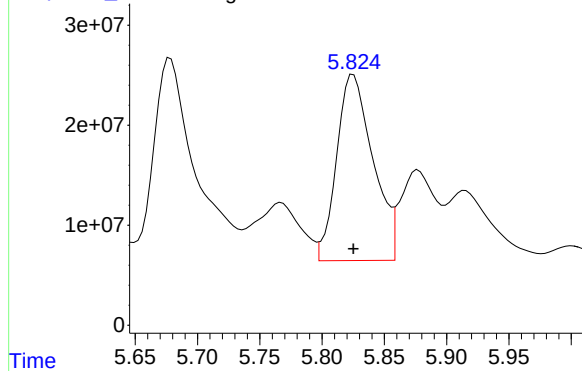
#27 AR-1254-2



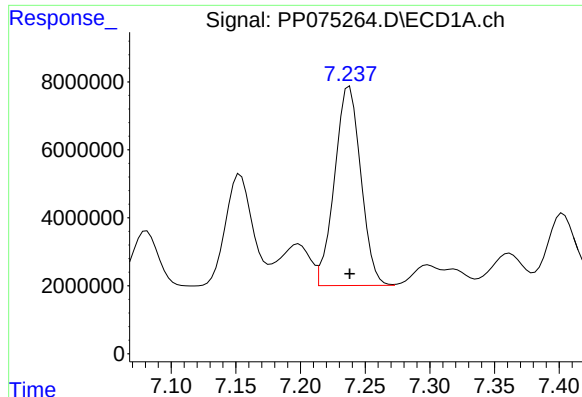
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 77552440  
Conc: 944.08 ng/ml

Response\_ Signal: PP075264.D\ECD2B.ch

#27 AR-1254-2



R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 378219544  
Conc: 972.89 ng/ml



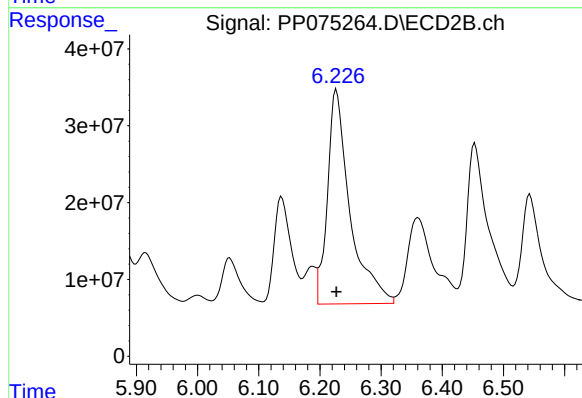
#28 AR-1254-3

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 82845377  
Conc: 946.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

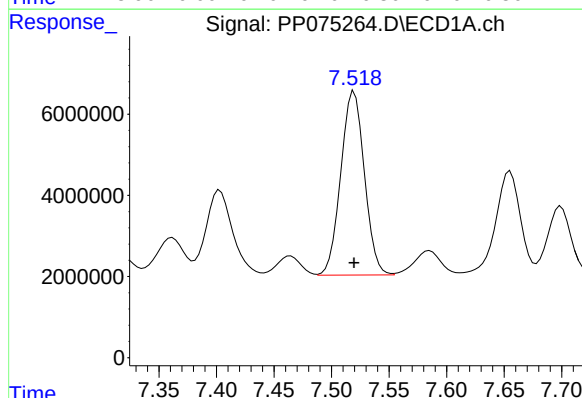
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



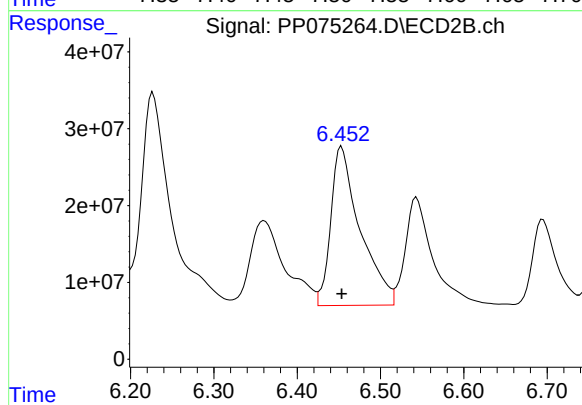
#28 AR-1254-3

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 715208754  
Conc: 997.66 ng/ml



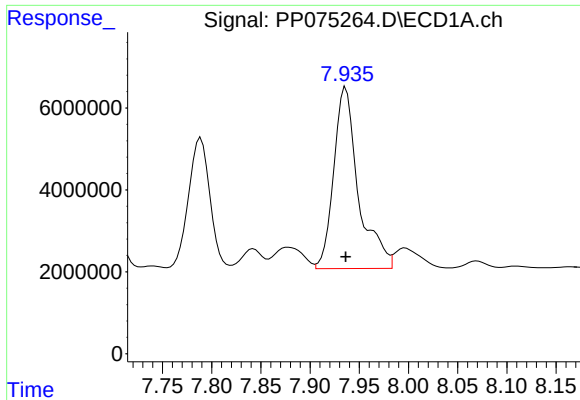
#29 AR-1254-4

R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 64880438  
Conc: 943.40 ng/ml



#29 AR-1254-4

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 505627774  
Conc: 962.59 ng/ml



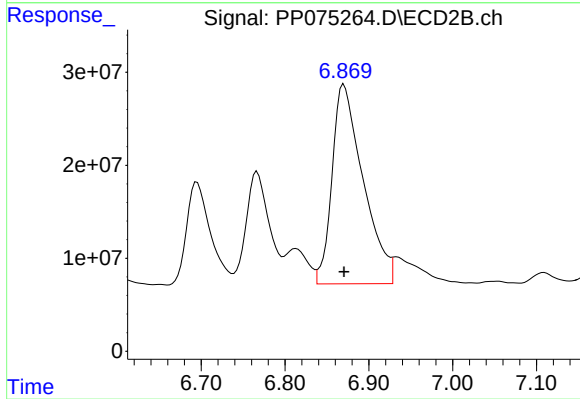
#30 AR-1254-5

R.T.: 7.936 min  
Delta R.T.: 0.000 min  
Response: 77310574  
Conc: 947.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 551845651  
Conc: 921.72 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075265.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 14:31  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 15:30:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 15:25:14 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...          | 4.656  | 3.799 | 97801585 | 485.2E6 | 75.559   | 76.113  |
| 2) SA Decachlor...          | 10.437 | 8.806 | 74646283 | 470.9E6 | 75.259   | 74.263  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.656  | 5.678 | 47050728 | 401.3E6 | 729.090m | 766.735 |
| 27) L6 AR-1254-2            | 6.873  | 5.825 | 61746016 | 302.7E6 | 751.107  | 768.826 |
| 28) L6 AR-1254-3            | 7.235  | 6.227 | 65961946 | 542.1E6 | 752.364  | 754.081 |
| 29) L6 AR-1254-4            | 7.517  | 6.454 | 51519817 | 403.9E6 | 749.416  | 762.571 |
| 30) L6 AR-1254-5            | 7.933  | 6.871 | 61456126 | 473.6E6 | 752.135  | 776.903 |
| -----                       |        |       |          |         |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075265.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 14:31  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

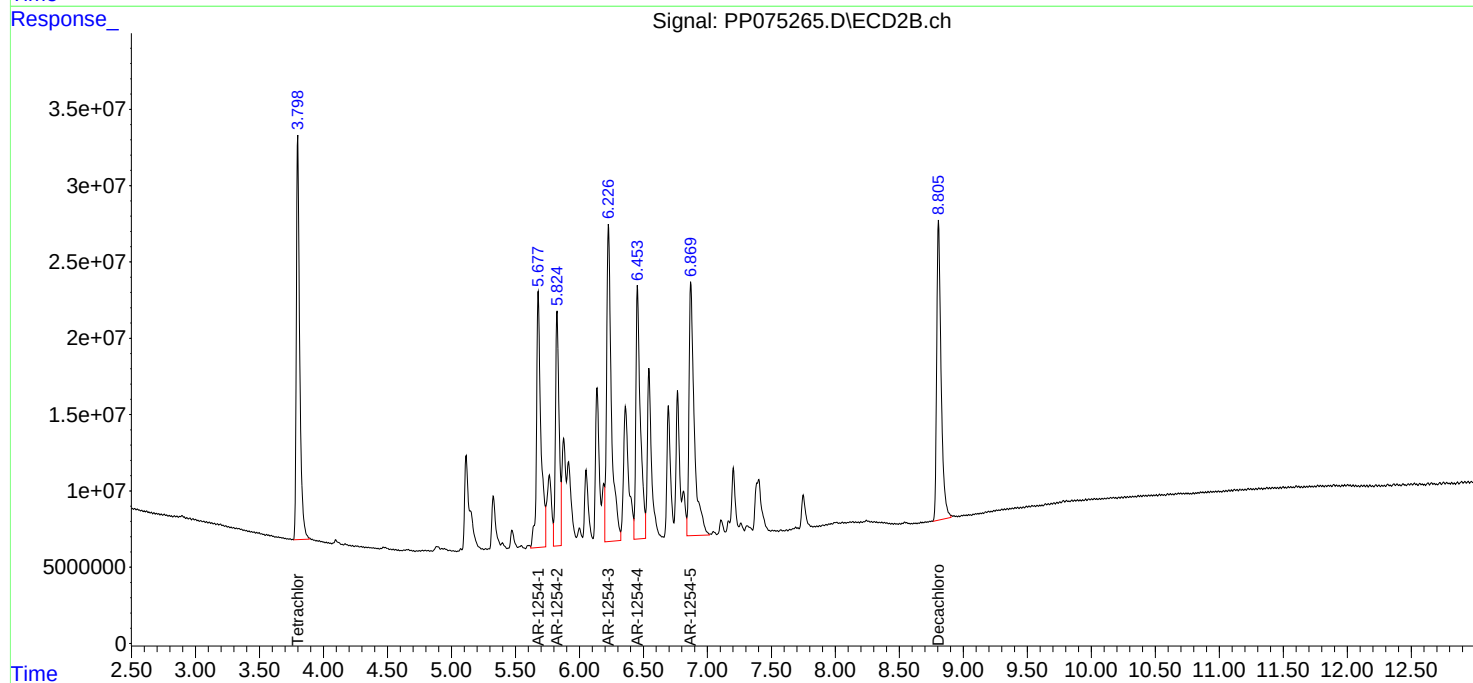
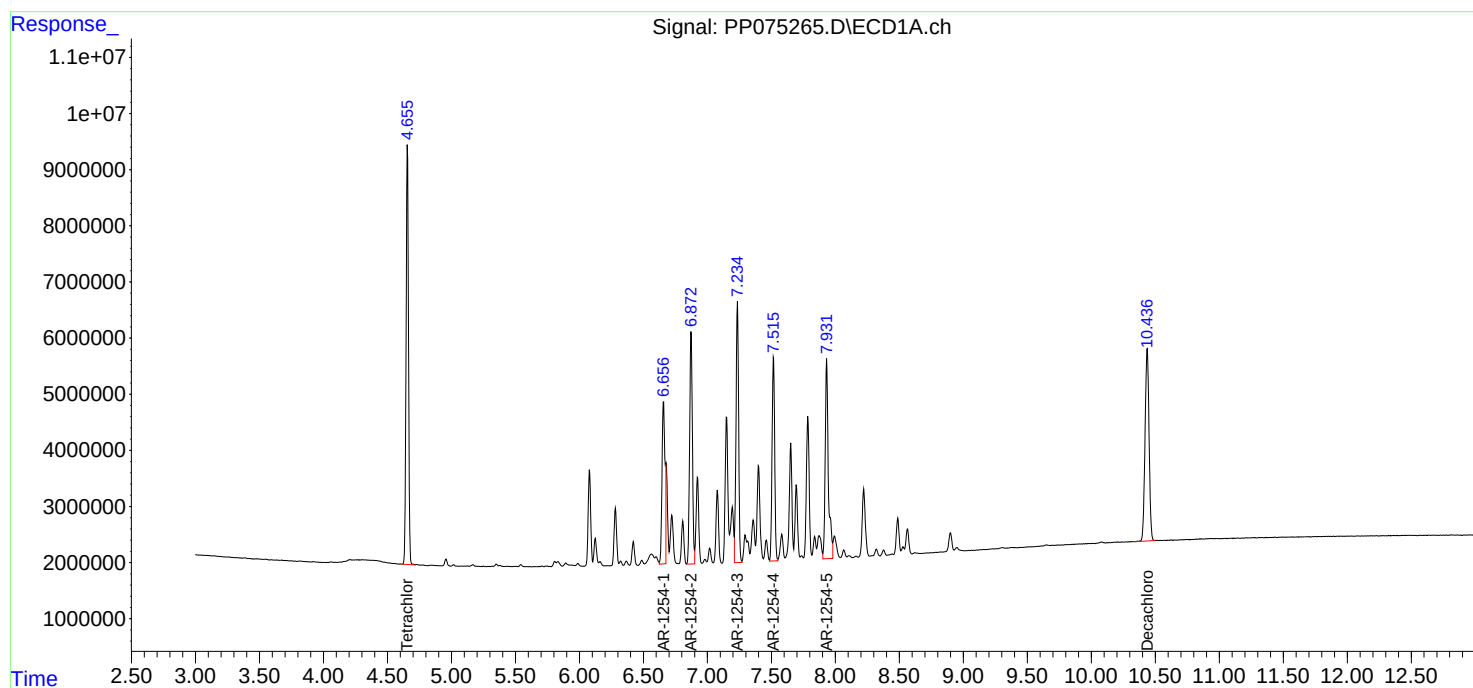
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025

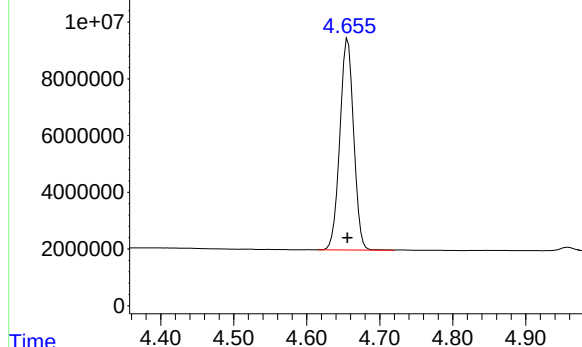
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 15:30:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 15:25:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





Response\_ Signal: PP075265.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 97801585  
Conc: 75.56 ng/ml

Instrument :

ECD\_P

ClientSampleId :

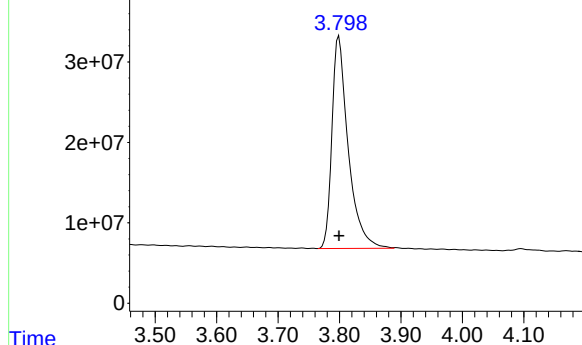
AR1254ICC750

Manual Integrations

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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

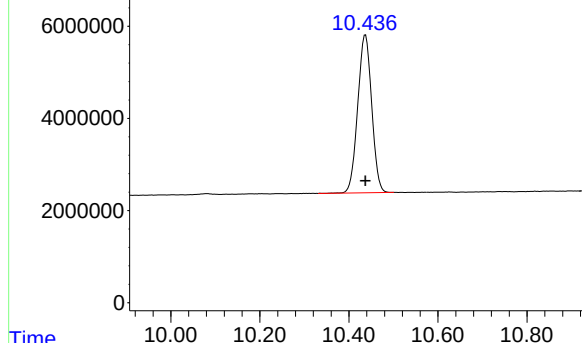
Time Response\_ Signal: PP075265.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 485175176  
Conc: 76.11 ng/ml

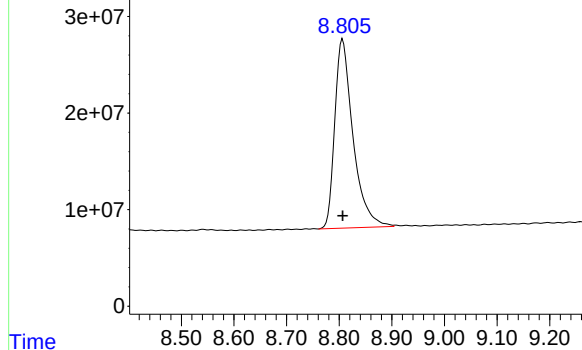
Time Response\_ Signal: PP075265.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.437 min  
Delta R.T.: 0.000 min  
Response: 74646283  
Conc: 75.26 ng/ml

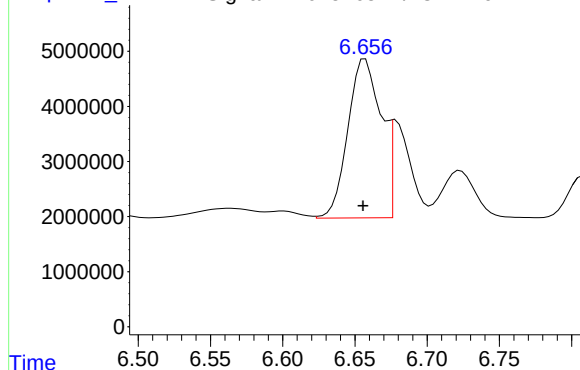
Time Response\_ Signal: PP075265.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 470934373  
Conc: 74.26 ng/ml

Response\_ Signal: PP075265.D\ECD1A.ch



#26 AR-1254-1

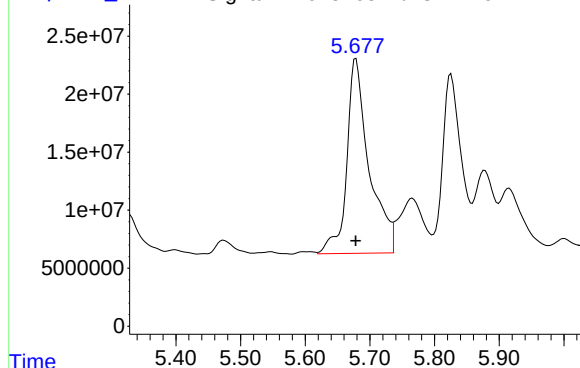
R.T.: 6.656 min  
Delta R.T.: 0.000 min  
Response: 47050728  
Conc: 729.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025

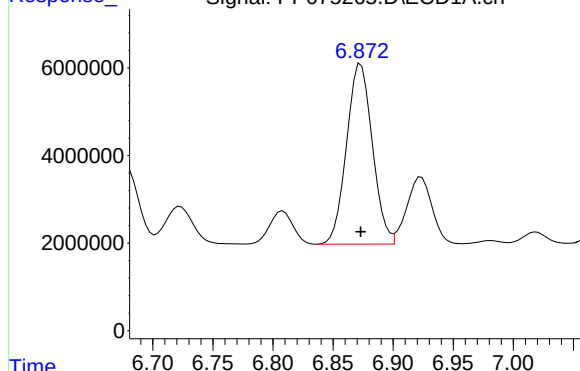
Response\_ Signal: PP075265.D\ECD2B.ch



#26 AR-1254-1

R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 401258825  
Conc: 766.74 ng/ml

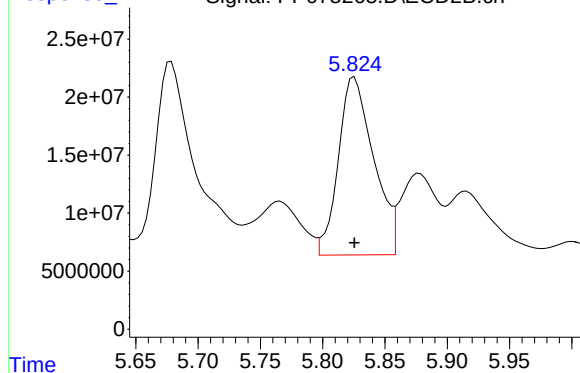
Response\_ Signal: PP075265.D\ECD1A.ch



#27 AR-1254-2

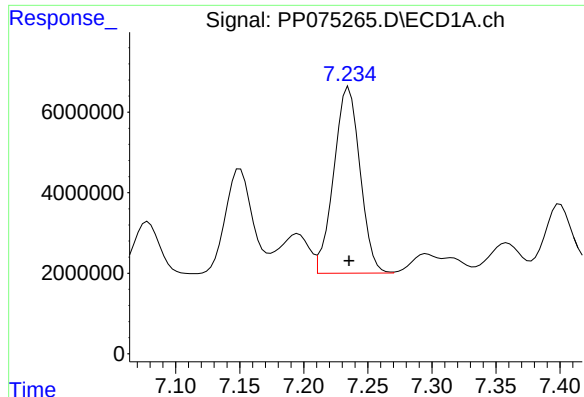
R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 61746016  
Conc: 751.11 ng/ml

Response\_ Signal: PP075265.D\ECD2B.ch



#27 AR-1254-2

R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 302687531  
Conc: 768.83 ng/ml



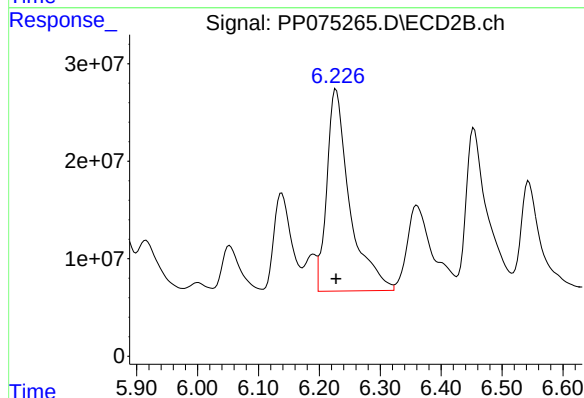
#28 AR-1254-3

R.T.: 7.235 min  
Delta R.T.: 0.000 min  
Response: 65961946  
Conc: 752.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

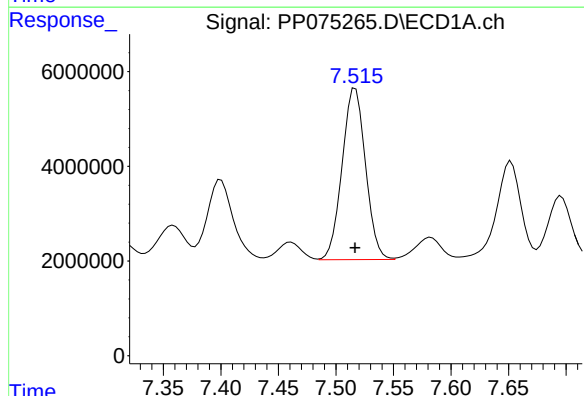
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



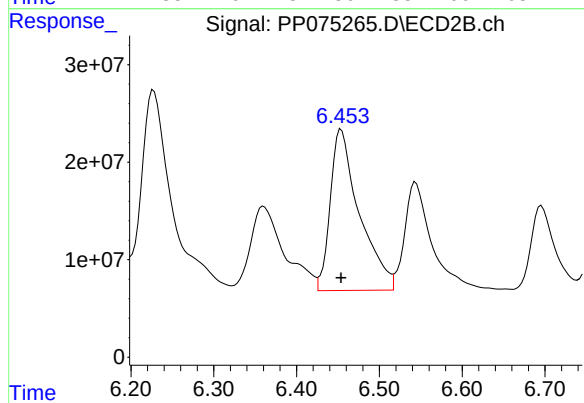
#28 AR-1254-3

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 542066993  
Conc: 754.08 ng/ml



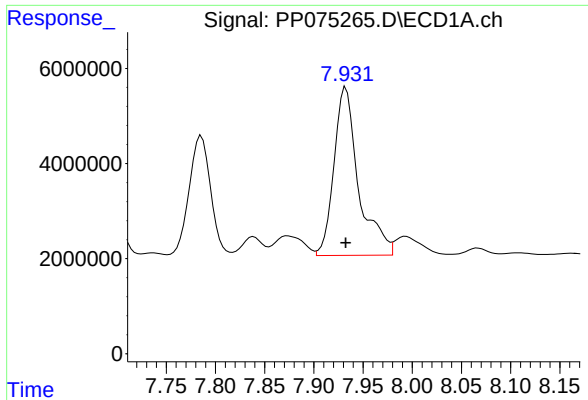
#29 AR-1254-4

R.T.: 7.517 min  
Delta R.T.: 0.000 min  
Response: 51519817  
Conc: 749.42 ng/ml



#29 AR-1254-4

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 403948394  
Conc: 762.57 ng/ml



#30 AR-1254-5

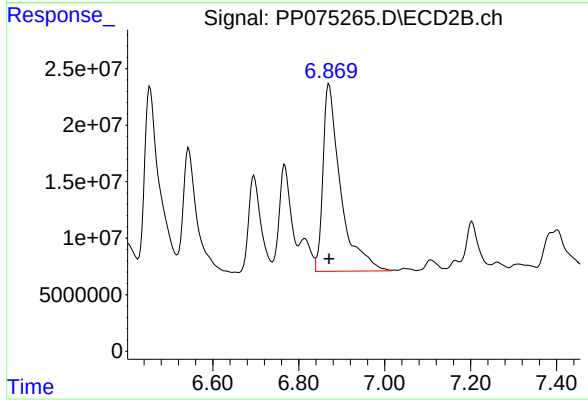
R.T.: 7.933 min  
Delta R.T.: 0.000 min  
Response: 61456126  
Conc: 752.13 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Manual Integrations  
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#30 AR-1254-5

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 473636635  
Conc: 776.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075266.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 14:47  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 15:14:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 15:13:57 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...          | 4.660  | 3.799 | 66790785 | 320.7E6 | 50.000   | 50.000  |
| 2) SA Decachlor...          | 10.441 | 8.806 | 52004273 | 325.4E6 | 50.000   | 50.000  |
| Target Compounds            |        |       |          |         |          |         |
| 26) L6 AR-1254-1            | 6.659  | 5.679 | 32993341 | 266.0E6 | 519.163m | 500.000 |
| 27) L6 AR-1254-2            | 6.876  | 5.826 | 43369825 | 199.7E6 | 500.000  | 500.000 |
| 28) L6 AR-1254-3            | 7.238  | 6.228 | 46112134 | 359.3E6 | 500.000  | 500.000 |
| 29) L6 AR-1254-4            | 7.520  | 6.455 | 36333103 | 272.5E6 | 500.000  | 500.000 |
| 30) L6 AR-1254-5            | 7.936  | 6.871 | 42937319 | 322.8E6 | 500.000  | 500.000 |
| -----                       |        |       |          |         |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075266.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 14:47  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

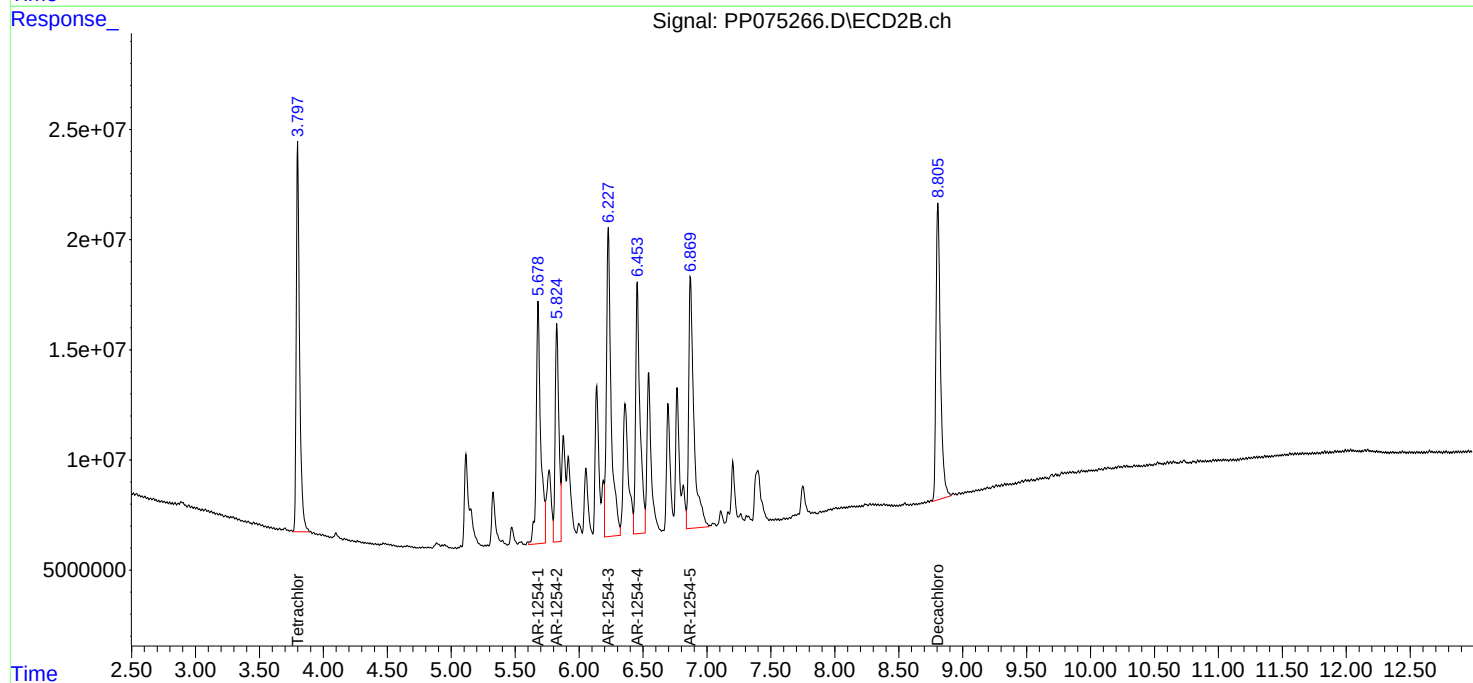
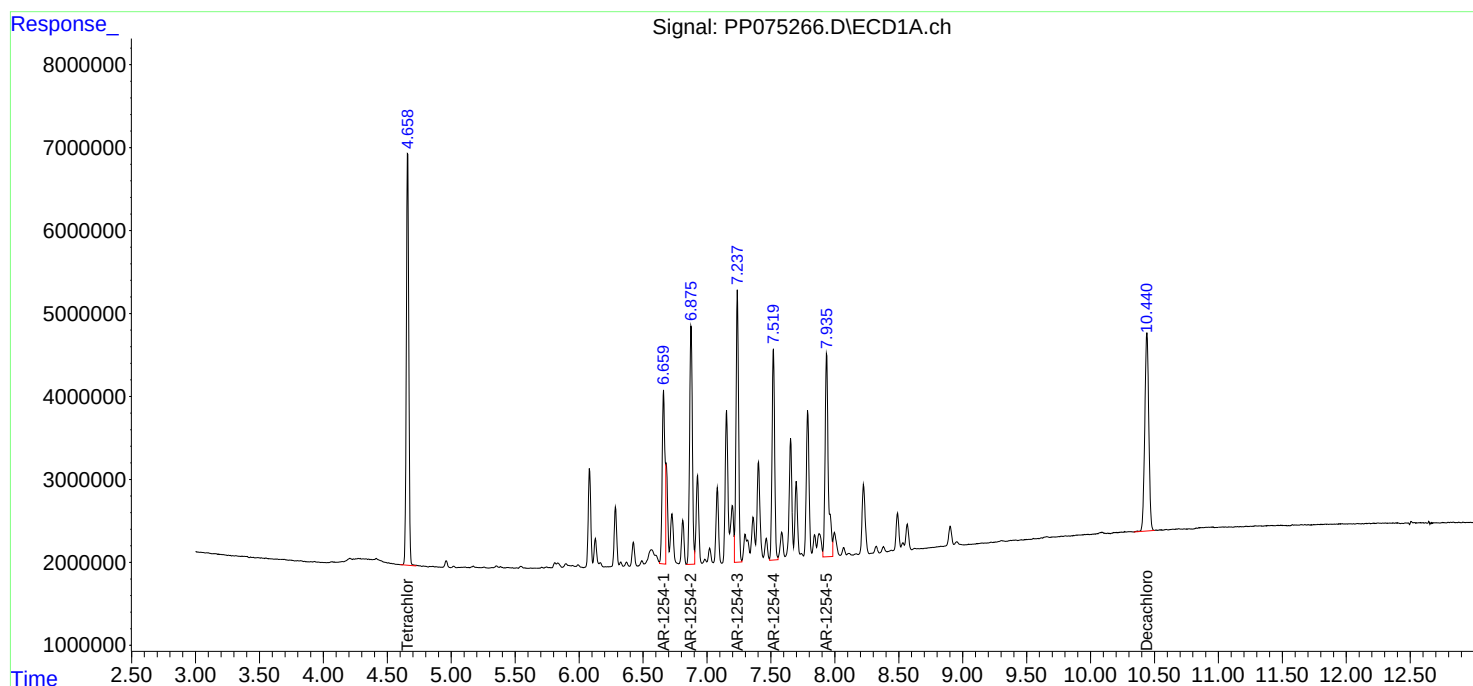
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

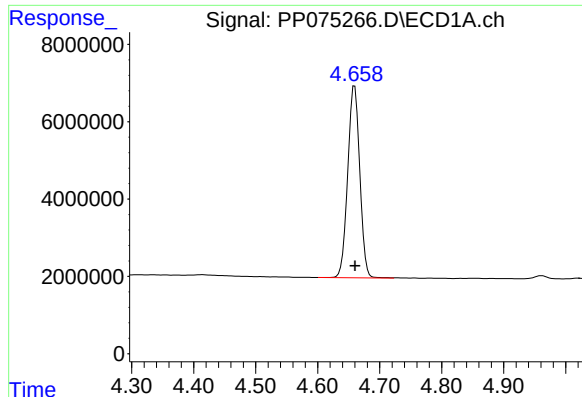
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 15:14:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 15:13:57 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





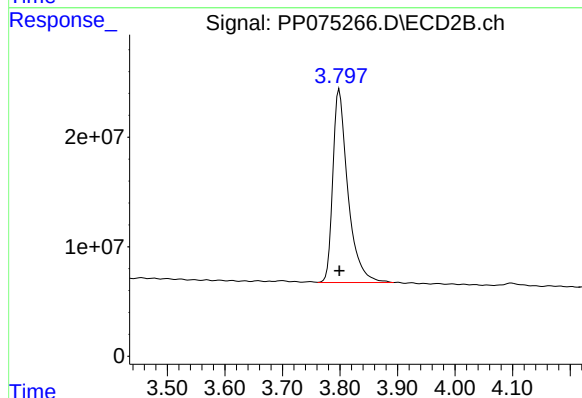
## #1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 66790785  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

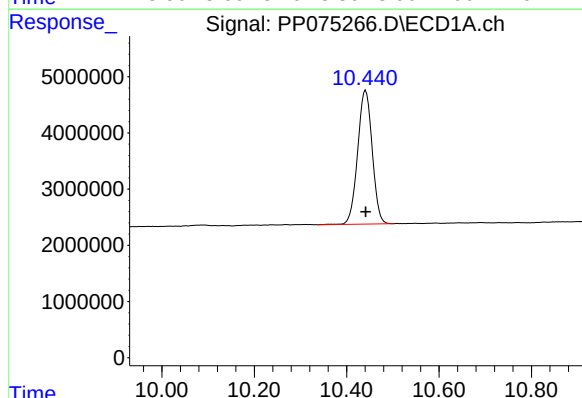
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



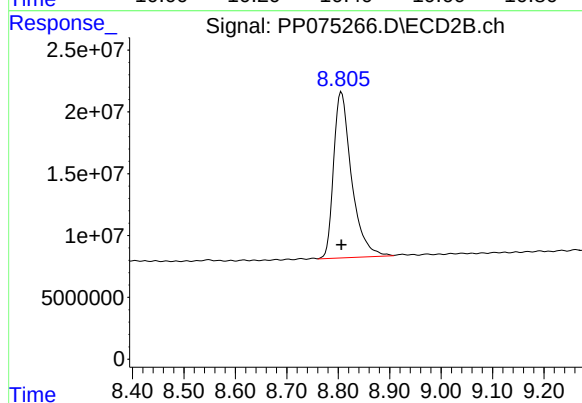
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 320666699  
Conc: 50.00 ng/ml



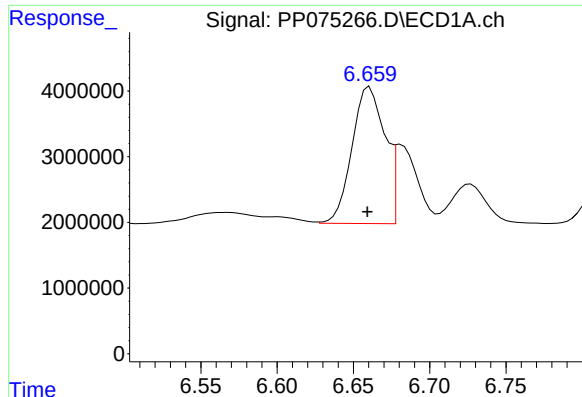
## #2 Decachlorobiphenyl

R.T.: 10.441 min  
Delta R.T.: 0.000 min  
Response: 52004273  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 325373732  
Conc: 50.00 ng/ml



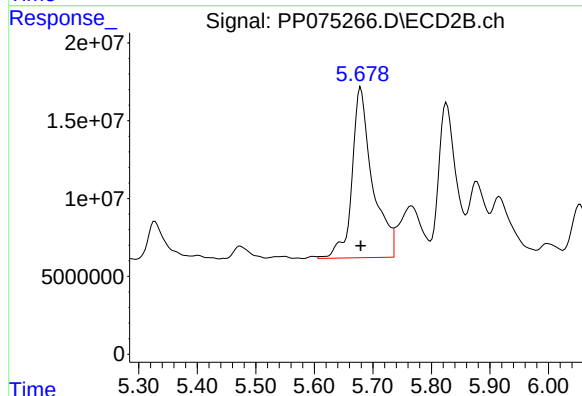
#26 AR-1254-1

R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 32993341  
Conc: 519.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

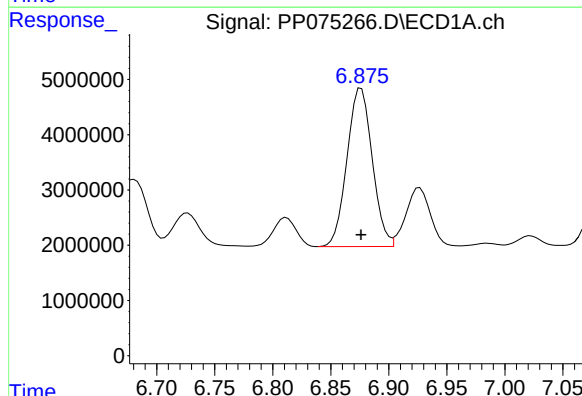
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



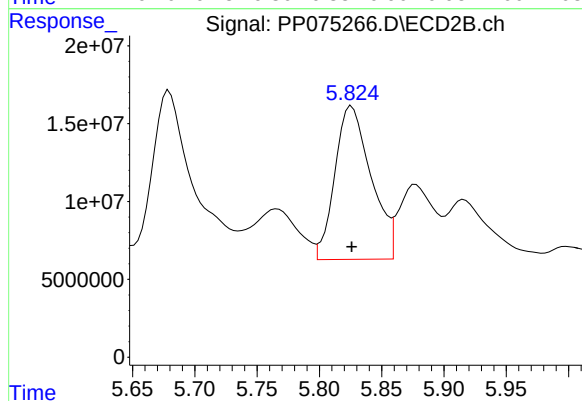
#26 AR-1254-1

R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 265993528  
Conc: 500.00 ng/ml



#27 AR-1254-2

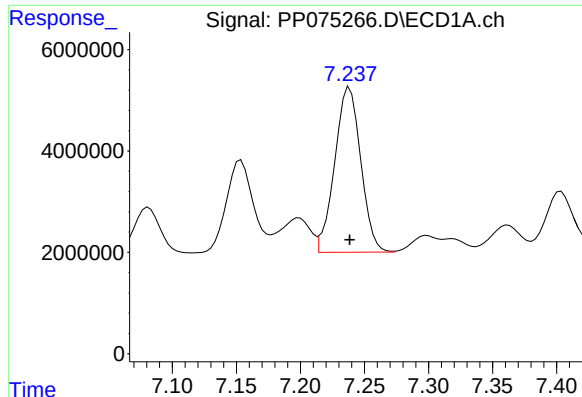
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 43369825  
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 199650338  
Conc: 500.00 ng/ml





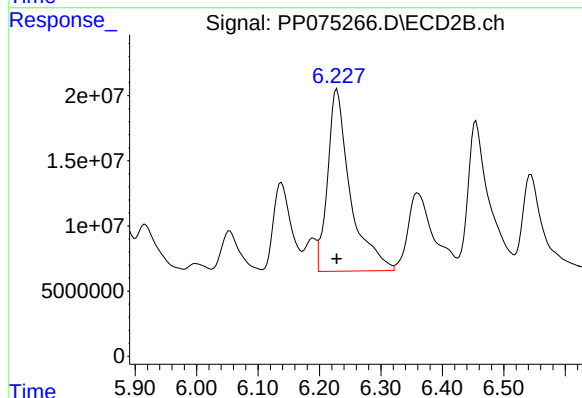
#28 AR-1254-3

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 46112134  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

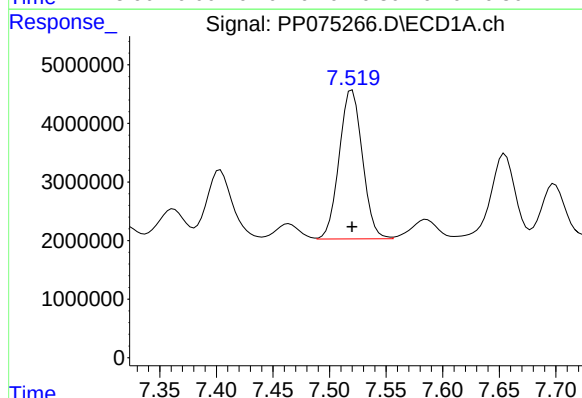
Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



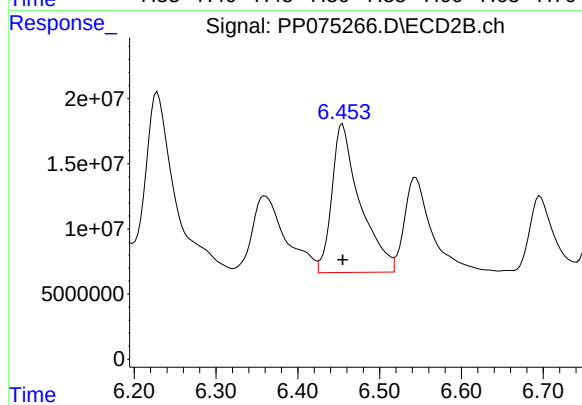
#28 AR-1254-3

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 359284618  
Conc: 500.00 ng/ml



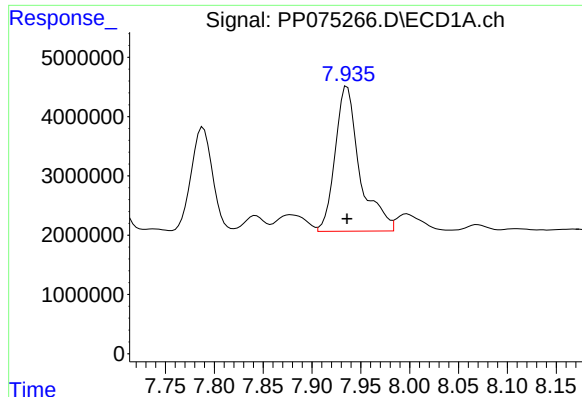
#29 AR-1254-4

R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 36333103  
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 272465654  
Conc: 500.00 ng/ml



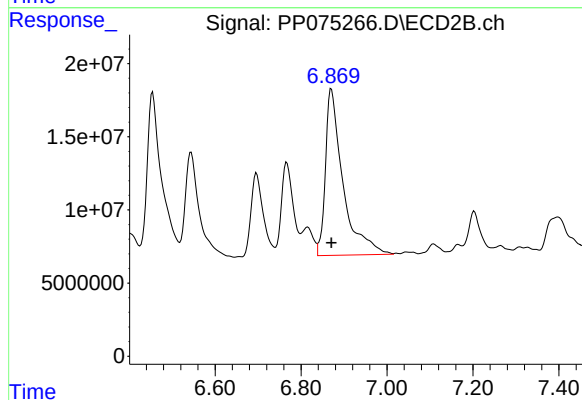
#30 AR-1254-5

R.T.: 7.936 min  
Delta R.T.: 0.000 min  
Response: 42937319  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

Manual Integrations  
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#30 AR-1254-5

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 322789634  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075267.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 15:04  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC250

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 15:34:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 15:25:14 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...          | 4.659  | 3.798 | 33173271 | 137.6E6  | 25.469   | 22.344  |
| 2) SA Decachlor...          | 10.440 | 8.806 | 25068322 | 153.9E6  | 25.205   | 24.451  |
| Target Compounds            |        |       |          |          |          |         |
| 26) L6 AR-1254-1            | 6.658  | 5.678 | 15749633 | 130.5E6  | 242.688m | 249.504 |
| 27) L6 AR-1254-2            | 6.875  | 5.825 | 22036705 | 98058544 | 263.308  | 249.301 |
| 28) L6 AR-1254-3            | 7.238  | 6.227 | 23518741 | 165.6E6  | 263.446  | 234.968 |
| 29) L6 AR-1254-4            | 7.519  | 6.453 | 18117404 | 123.1E6  | 260.019  | 236.508 |
| 30) L6 AR-1254-5            | 7.935  | 6.870 | 21487152 | 144.6E6  | 259.604  | 240.237 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075267.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 15:04  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

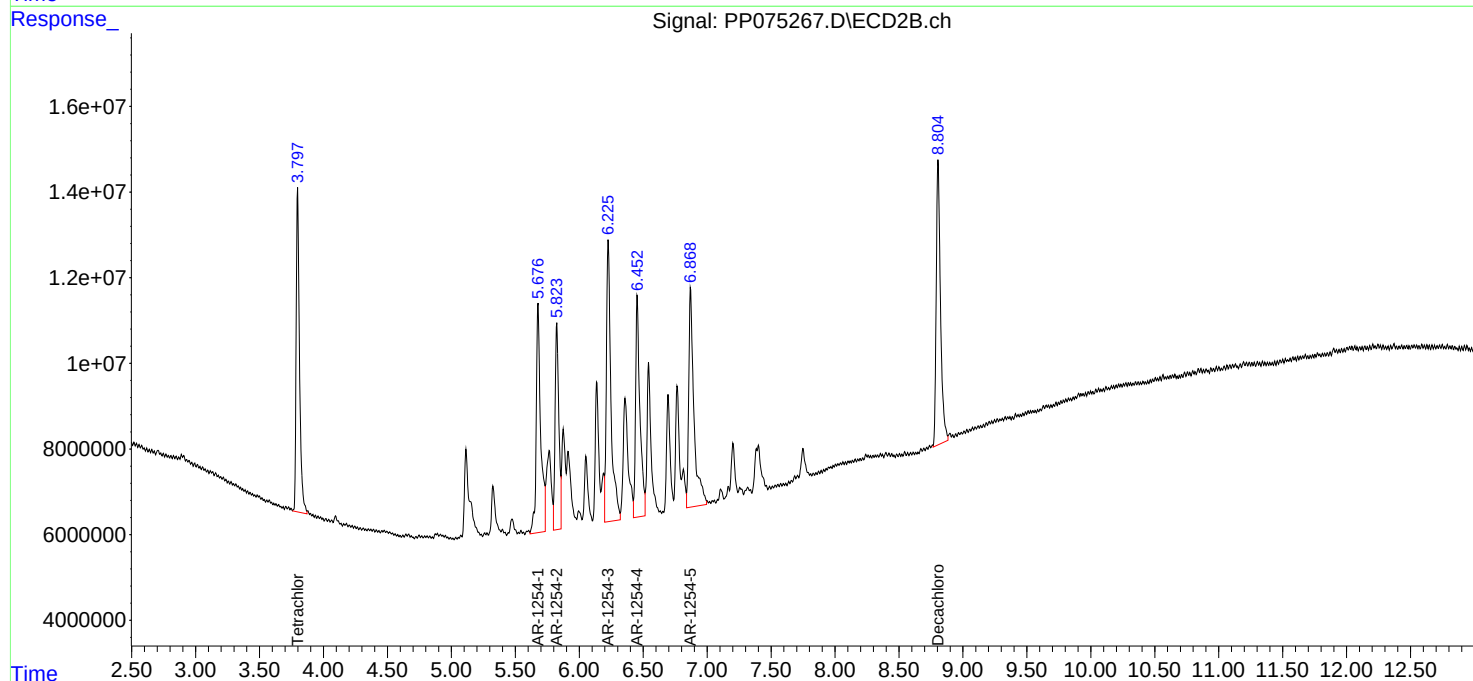
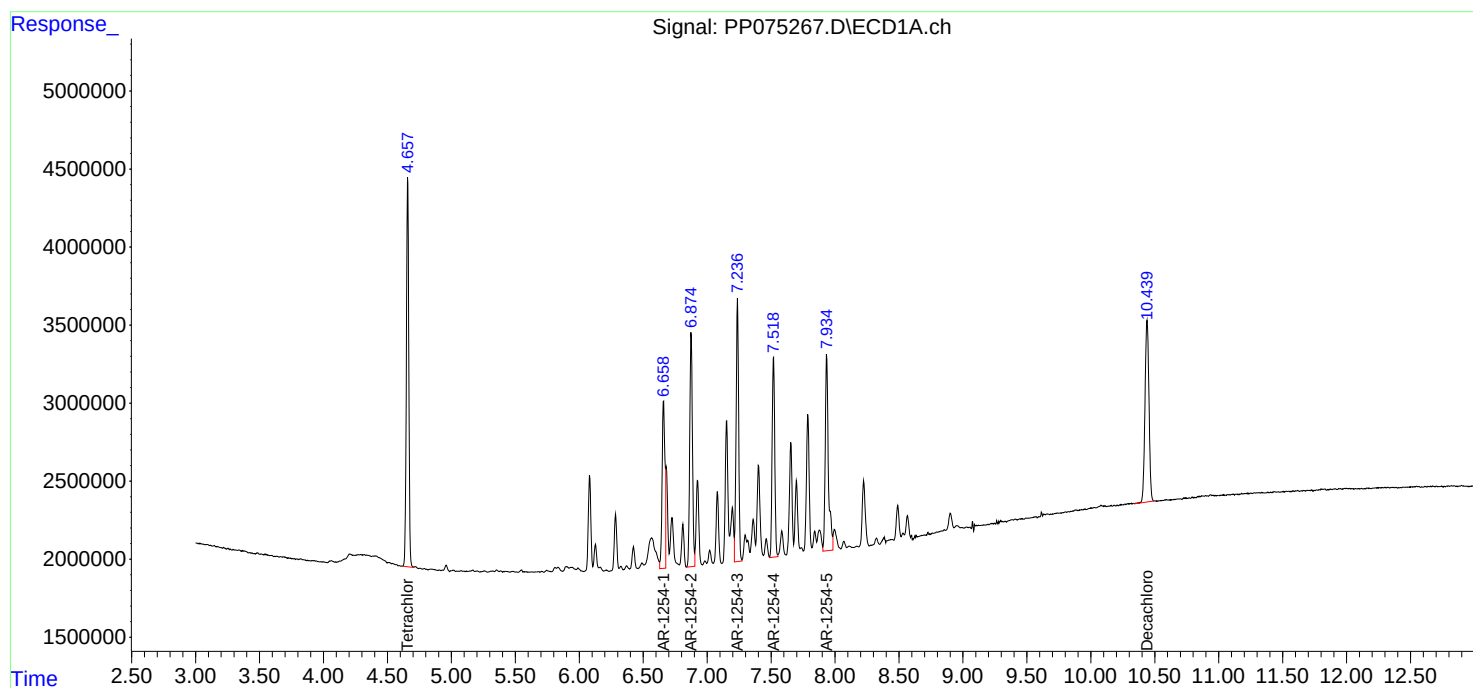
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

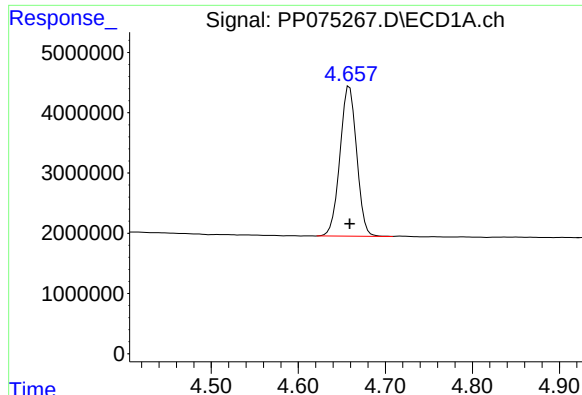
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 15:34:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 15:25:14 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





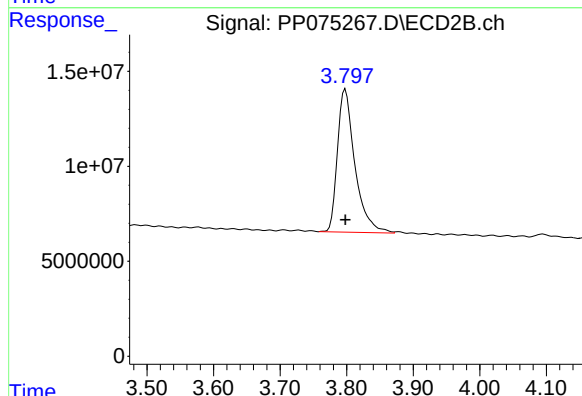
## #1 Tetrachloro-m-xylene

R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 33173271  
Conc: 25.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

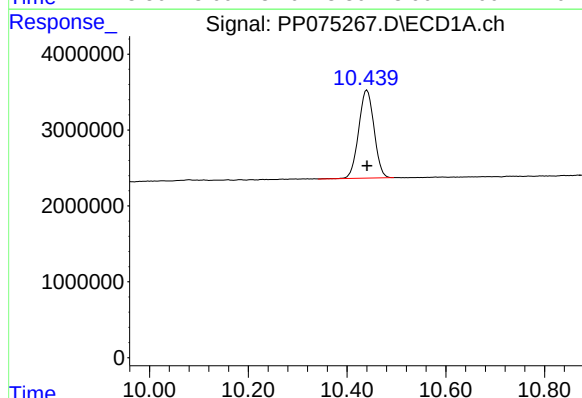
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



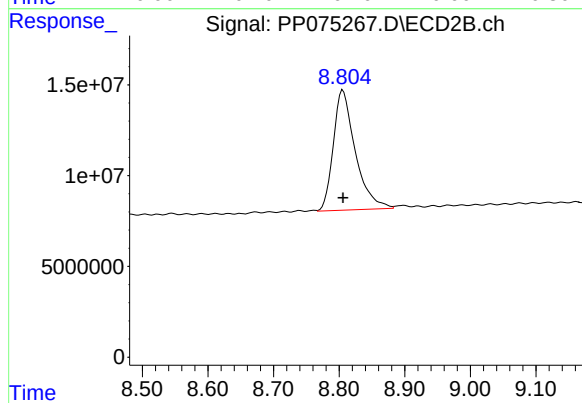
## #1 Tetrachloro-m-xylene

R.T.: 3.798 min  
Delta R.T.: 0.000 min  
Response: 137556954  
Conc: 22.34 ng/ml



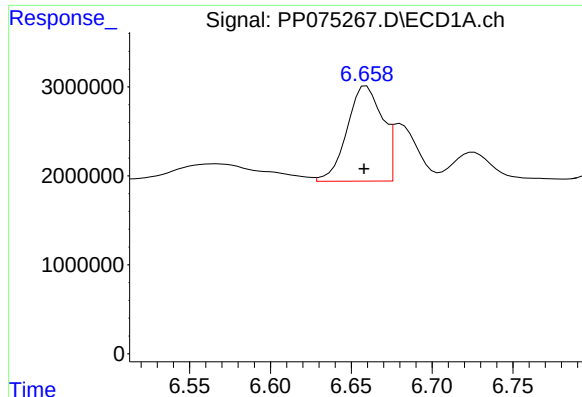
## #2 Decachlorobiphenyl

R.T.: 10.440 min  
Delta R.T.: 0.000 min  
Response: 25068322  
Conc: 25.21 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 153931032  
Conc: 24.45 ng/ml



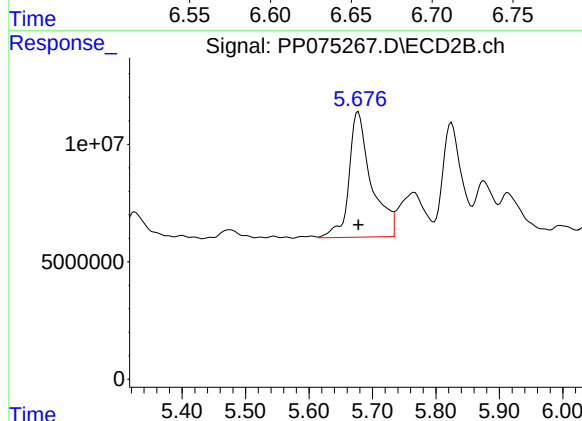
#26 AR-1254-1

R.T.: 6.658 min  
Delta R.T.: 0.000 min  
Response: 15749633  
Conc: 242.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

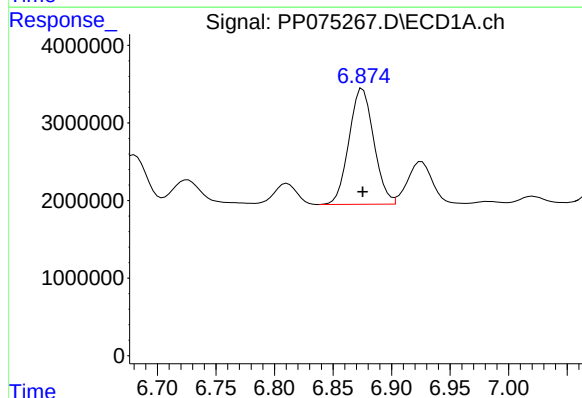
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



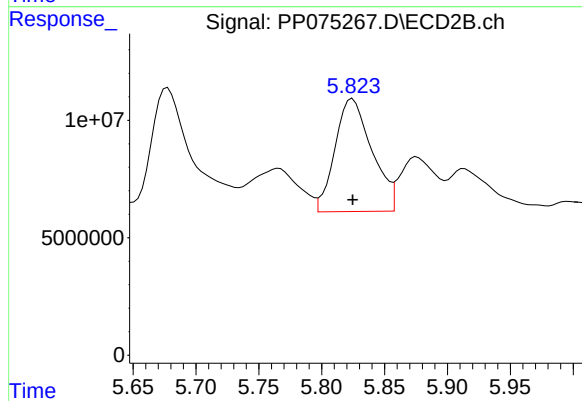
#26 AR-1254-1

R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 130487950  
Conc: 249.50 ng/ml



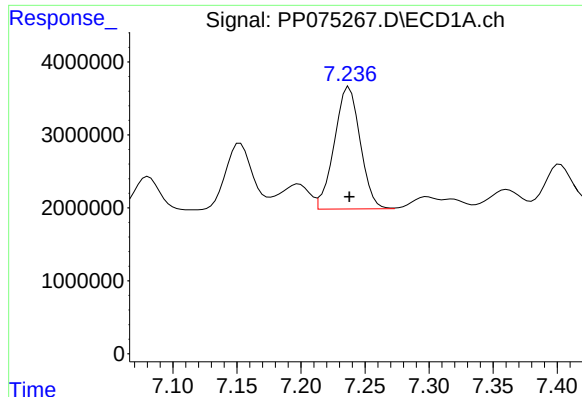
#27 AR-1254-2

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 22036705  
Conc: 263.31 ng/ml



#27 AR-1254-2

R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 98058544  
Conc: 249.30 ng/ml



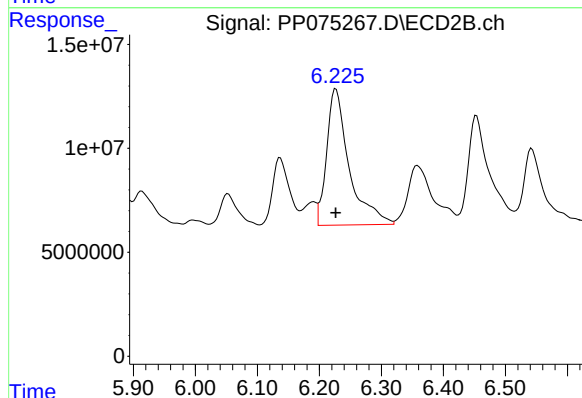
#28 AR-1254-3

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 23518741  
Conc: 263.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

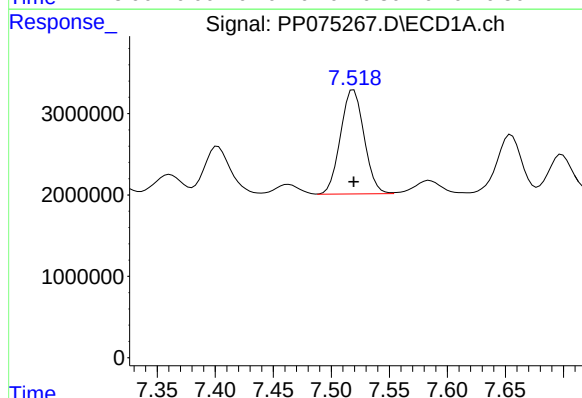
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



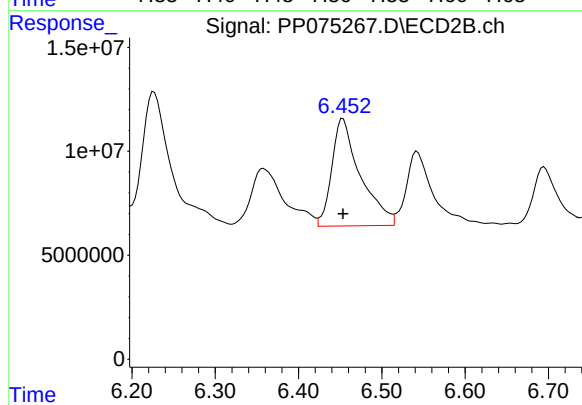
#28 AR-1254-3

R.T.: 6.227 min  
Delta R.T.: 0.000 min  
Response: 165586814  
Conc: 234.97 ng/ml



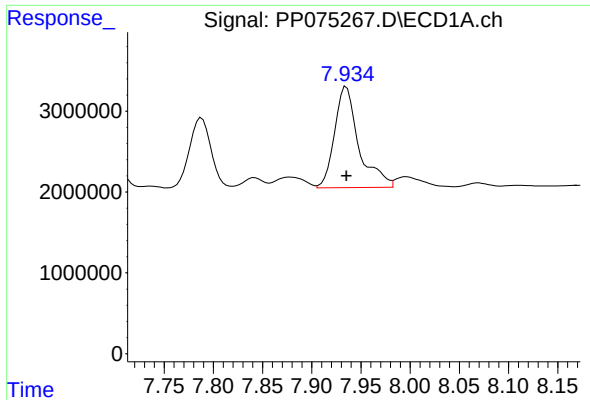
#29 AR-1254-4

R.T.: 7.519 min  
Delta R.T.: 0.000 min  
Response: 18117404  
Conc: 260.02 ng/ml



#29 AR-1254-4

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 123068946  
Conc: 236.51 ng/ml



#30 AR-1254-5

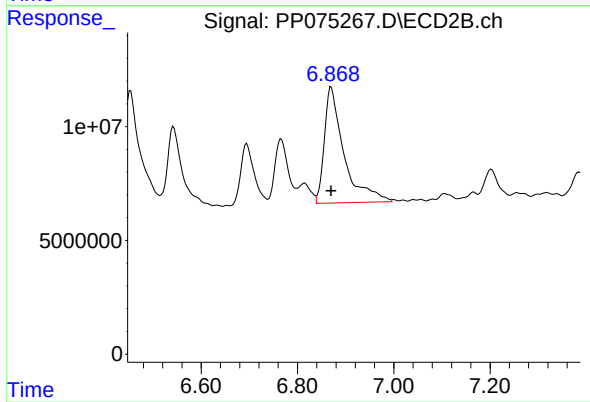
R.T.: 7.935 min  
Delta R.T.: 0.000 min  
Response: 21487152  
Conc: 259.60 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 144577806  
Conc: 240.24 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075268.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 15:20  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 15:51:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 15:51:36 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|----------|---------|----------|
| -----                       |                 |        |       |         |          |         |          |
| System Monitoring Compounds |                 |        |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 4.655  | 3.799 | 6696765 | 22881590 | 5.113   | 3.918    |
| 2)                          | SA Decachlor... | 10.433 | 8.807 | 4781103 | 27052038 | 4.845   | 4.421    |
|                             |                 |        |       |         |          |         |          |
| Target Compounds            |                 |        |       |         |          |         |          |
| 26)                         | L6 AR-1254-1    | 6.655  | 5.680 | 3396225 | 20102889 | 52.688m | 40.302   |
| 27)                         | L6 AR-1254-2    | 6.872  | 5.827 | 4745100 | 21129184 | 55.218  | 52.931   |
| 28)                         | L6 AR-1254-3    | 7.234  | 6.228 | 5250883 | 25236892 | 56.814  | 37.966 # |
| 29)                         | L6 AR-1254-4    | 7.516  | 6.453 | 3901845 | 19340151 | 54.687  | 39.178 # |
| 30)                         | L6 AR-1254-5    | 7.932  | 6.871 | 3898066 | 22310596 | 47.649  | 39.094   |
| -----                       |                 |        |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075268.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 15:20  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

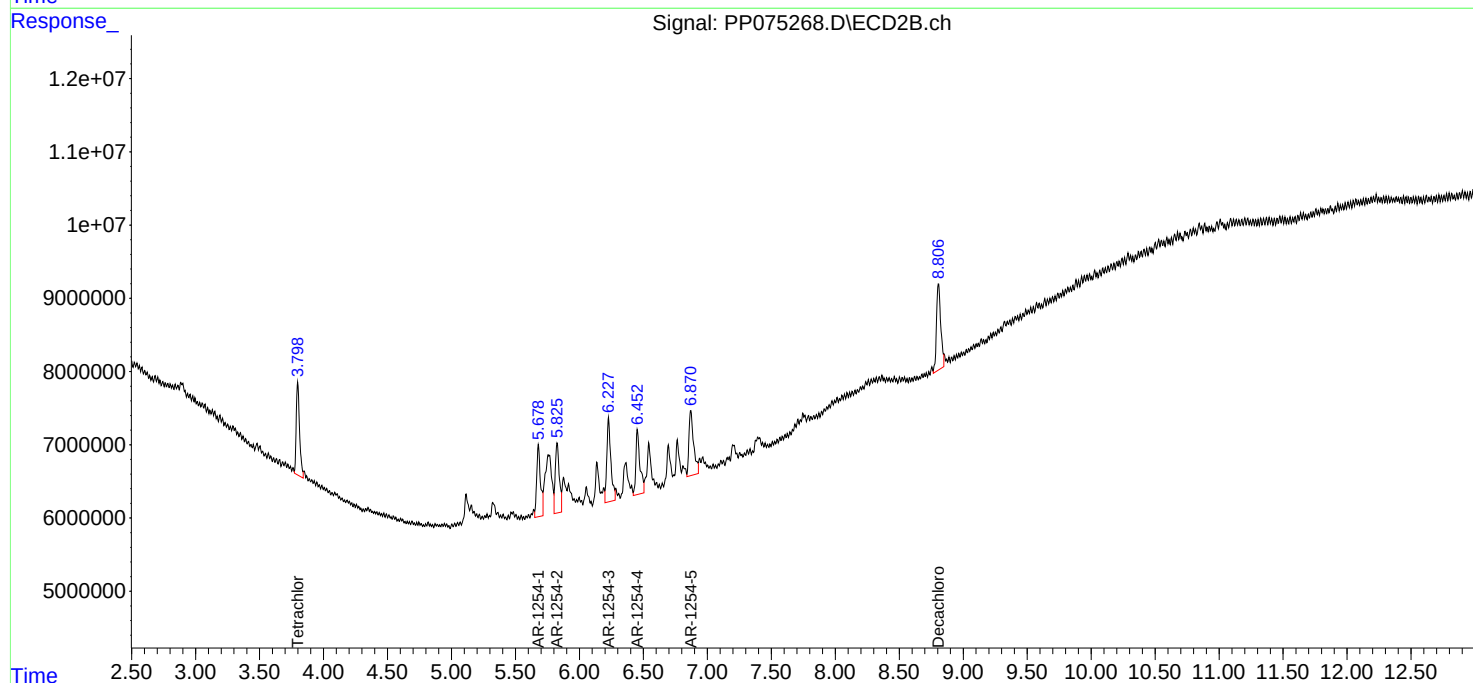
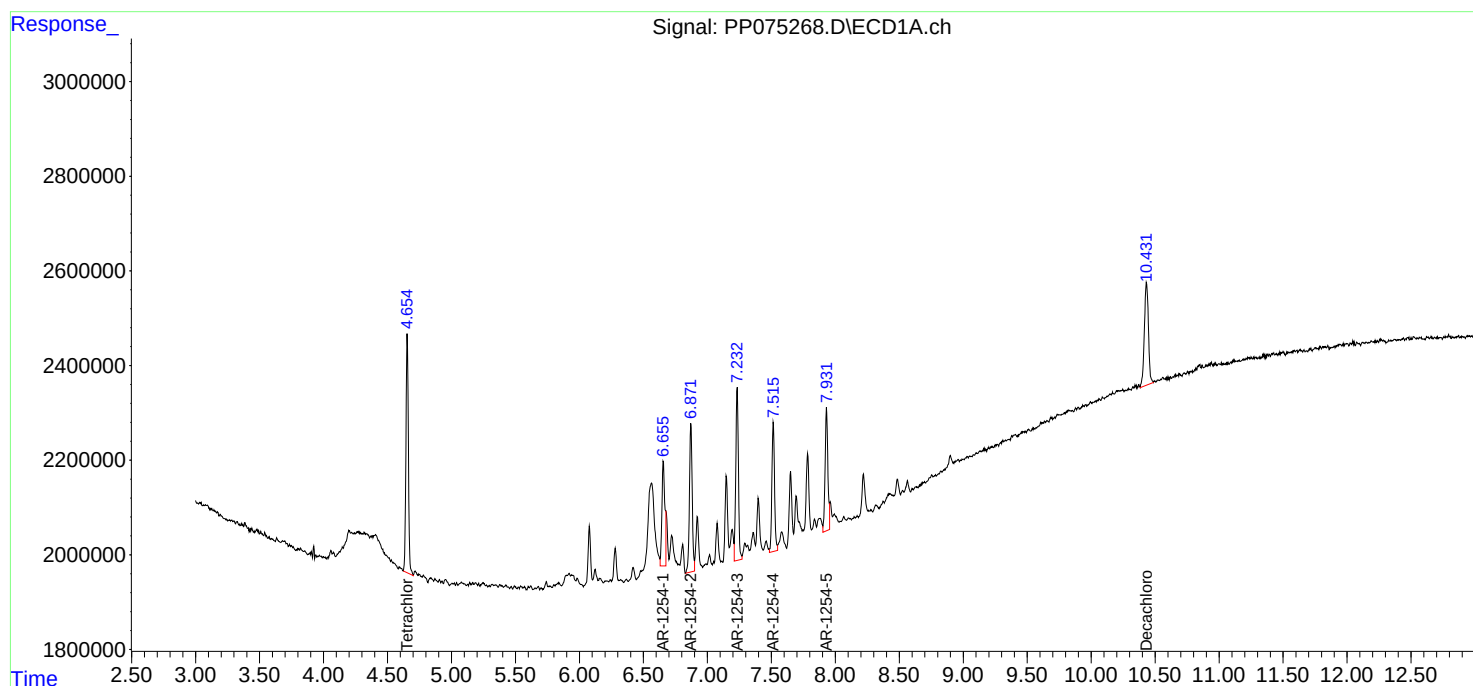
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

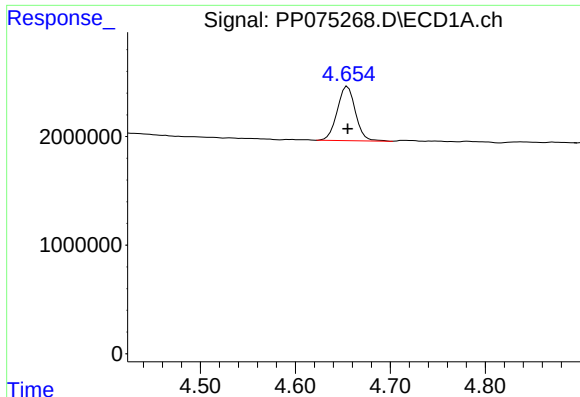
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 15:51:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 15:51:36 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





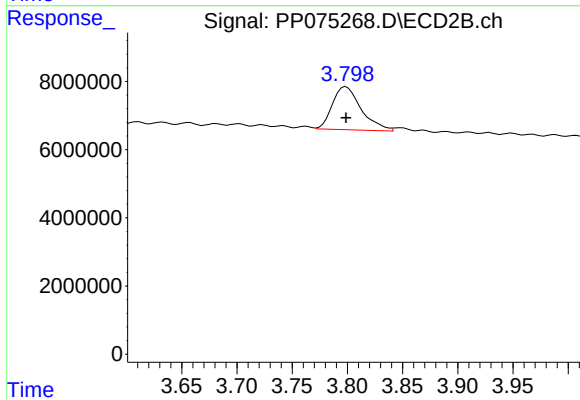
#1 Tetrachloro-m-xylene

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 6696765  
Conc: 5.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

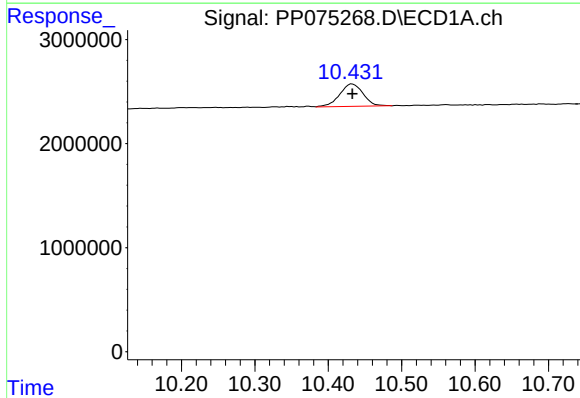
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



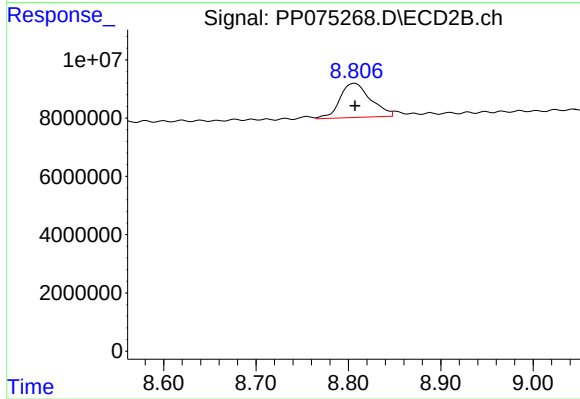
#1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 22881590  
Conc: 3.92 ng/ml



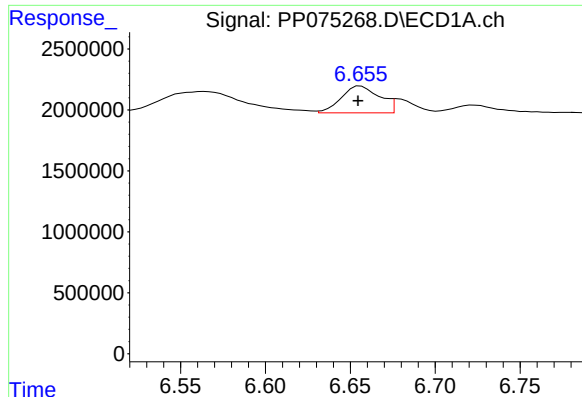
#2 Decachlorobiphenyl

R.T.: 10.433 min  
Delta R.T.: 0.000 min  
Response: 4781103  
Conc: 4.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 27052038  
Conc: 4.42 ng/ml



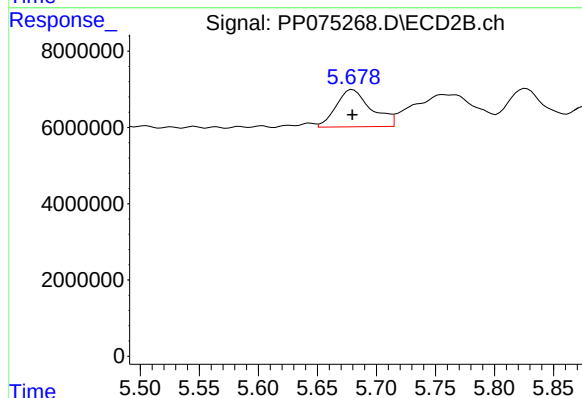
#26 AR-1254-1

R.T.: 6.655 min  
Delta R.T.: 0.000 min  
Response: 3396225  
Conc: 52.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

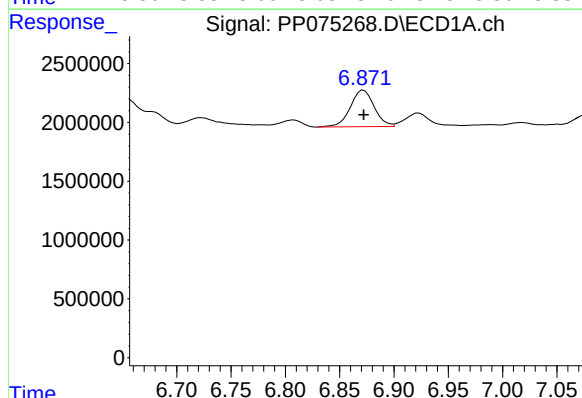
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



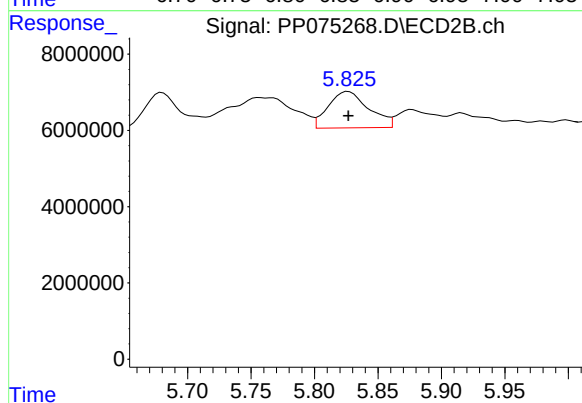
#26 AR-1254-1

R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 20102889  
Conc: 40.30 ng/ml



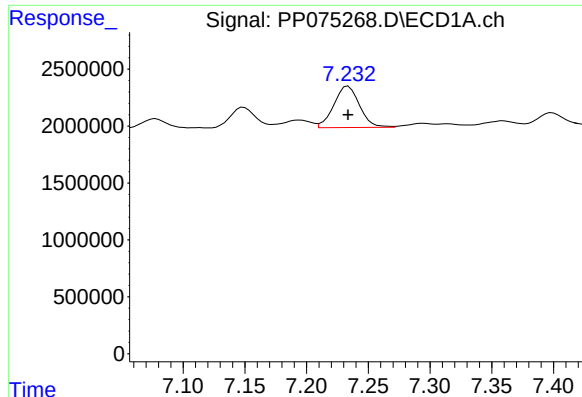
#27 AR-1254-2

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 4745100  
Conc: 55.22 ng/ml



#27 AR-1254-2

R.T.: 5.827 min  
Delta R.T.: 0.000 min  
Response: 21129184  
Conc: 52.93 ng/ml



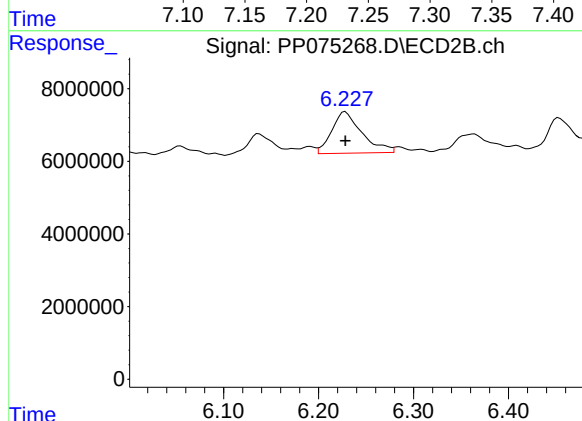
#28 AR-1254-3

R.T.: 7.234 min  
Delta R.T.: 0.000 min  
Response: 5250883  
Conc: 56.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

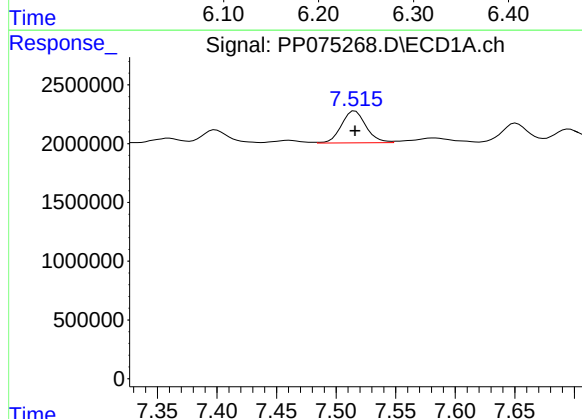
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



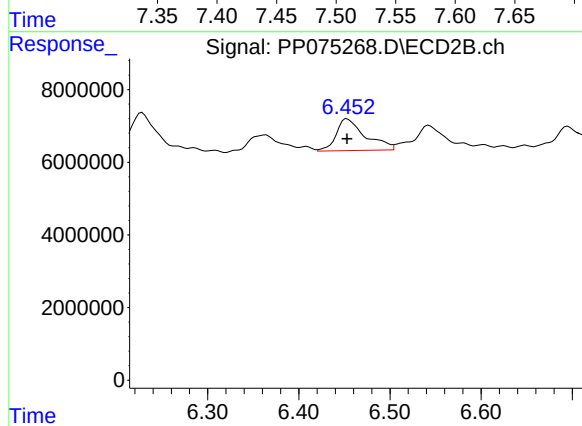
#28 AR-1254-3

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 25236892  
Conc: 37.97 ng/ml



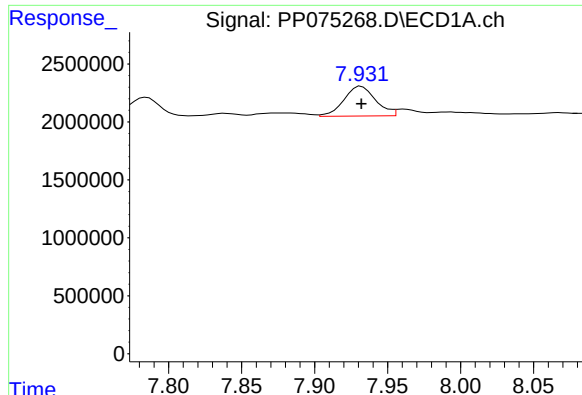
#29 AR-1254-4

R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 3901845  
Conc: 54.69 ng/ml



#29 AR-1254-4

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 19340151  
Conc: 39.18 ng/ml



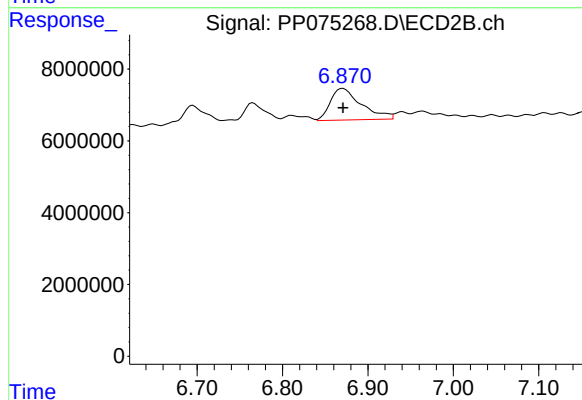
#30 AR-1254-5

R.T.: 7.932 min  
Delta R.T.: 0.000 min  
Response: 3898066  
Conc: 47.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#30 AR-1254-5

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 22310596  
Conc: 39.09 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075269.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 15:52  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 16:11:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 16:09:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|---------|---------|---------|
| -----                       |        |       |          |         |         |         |
| System Monitoring Compounds |        |       |          |         |         |         |
| 1) SA Tetrachlo...          | 4.659  | 3.800 | 64525262 | 296.7E6 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.443 | 8.807 | 49716283 | 321.5E6 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |         |         |         |
| 36) L8 AR-1262-1            | 8.243  | 6.909 | 37977598 | 395.6E6 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.569  | 7.168 | 67680488 | 276.2E6 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.895  | 7.690 | 46725485 | 250.0E6 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.984  | 7.753 | 36118617 | 454.0E6 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.656  | 8.247 | 26067736 | 215.0E6 | 500.000 | 500.000 |
| -----                       |        |       |          |         |         |         |

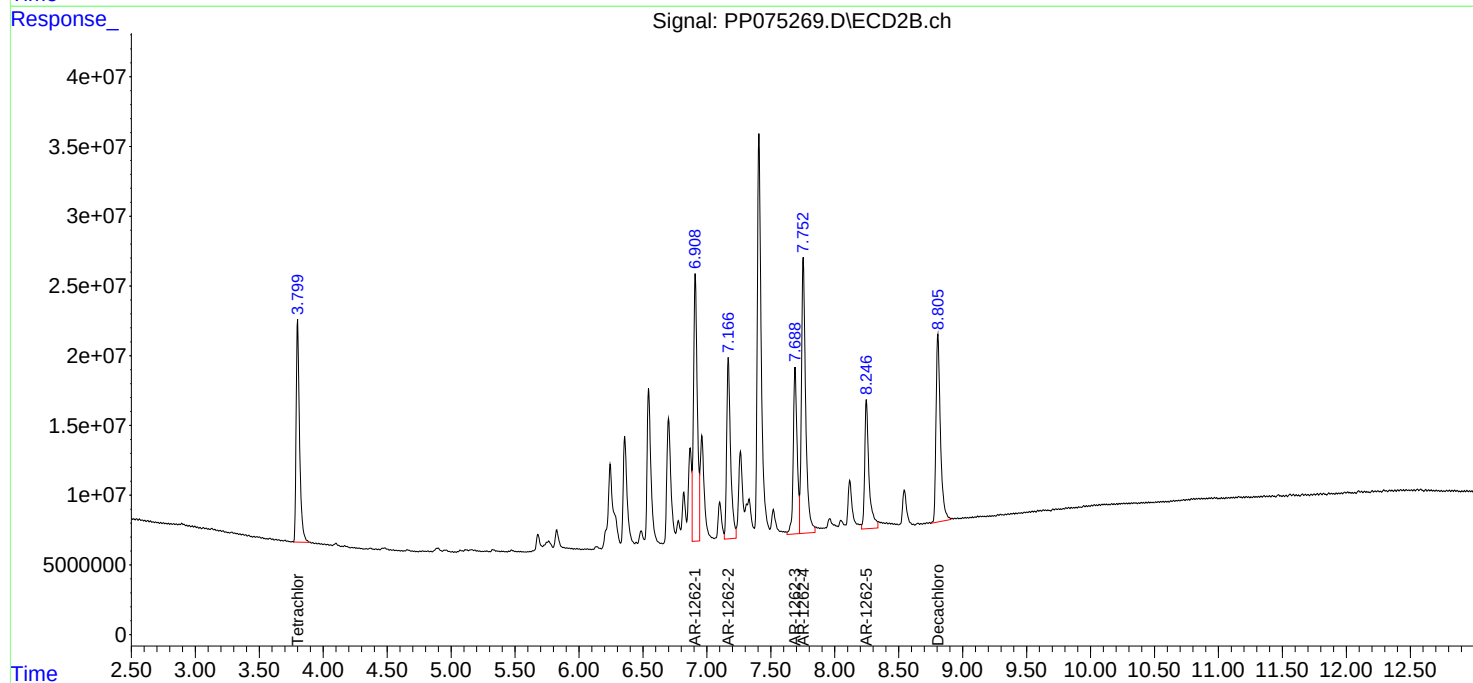
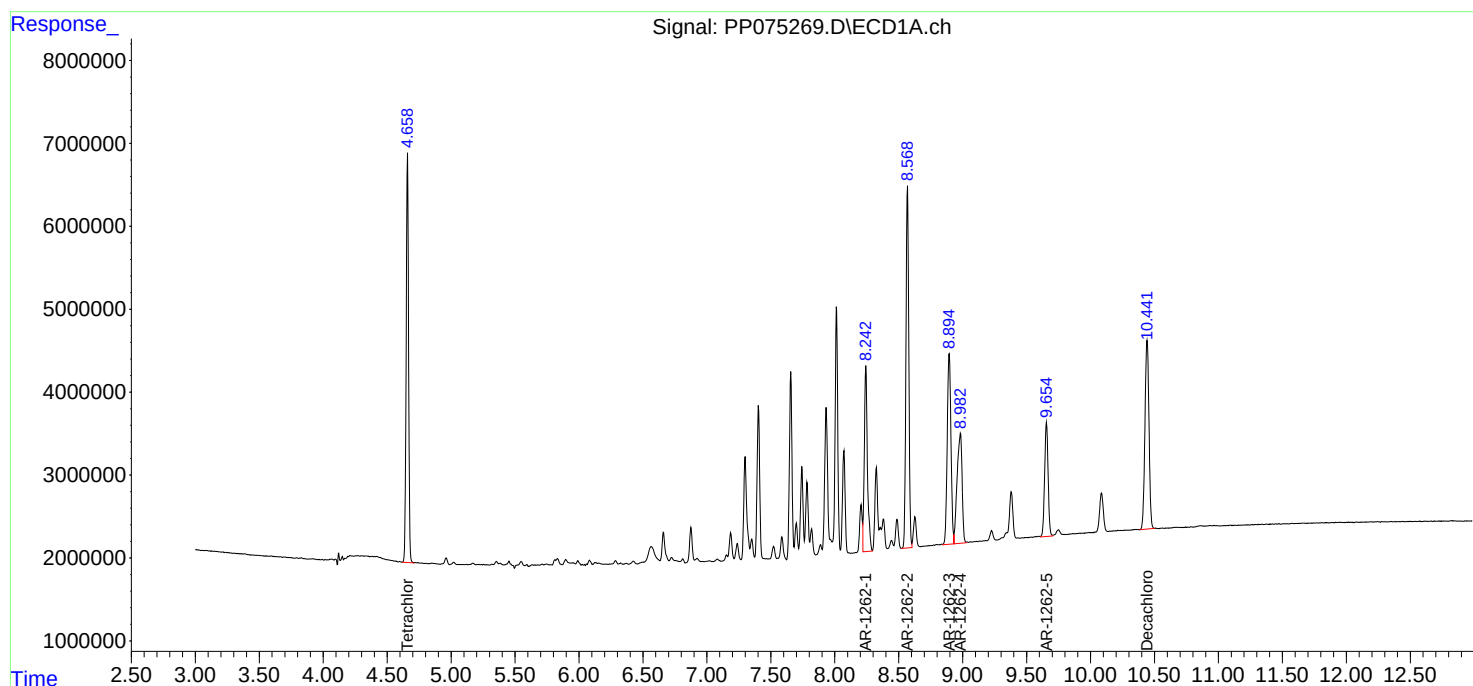
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075269.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 15:52  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

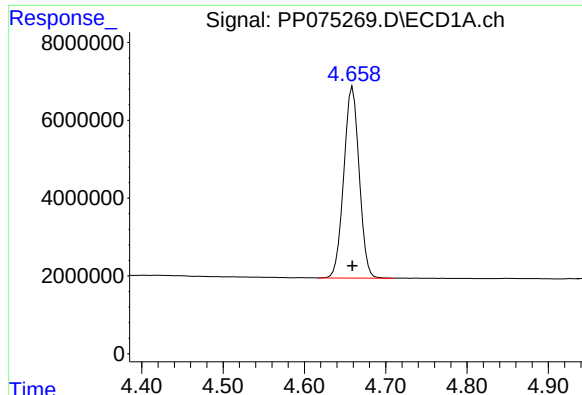
Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 16:11:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 16:09:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



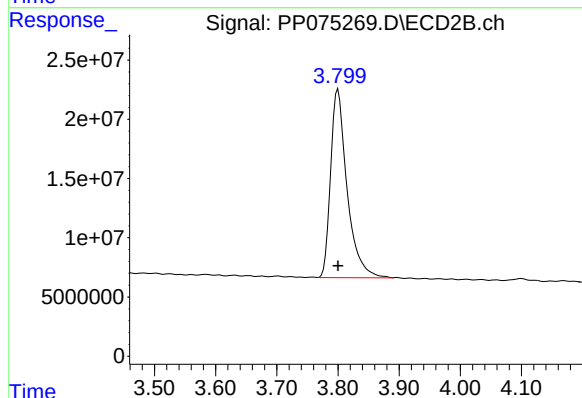




## #1 Tetrachloro-m-xylene

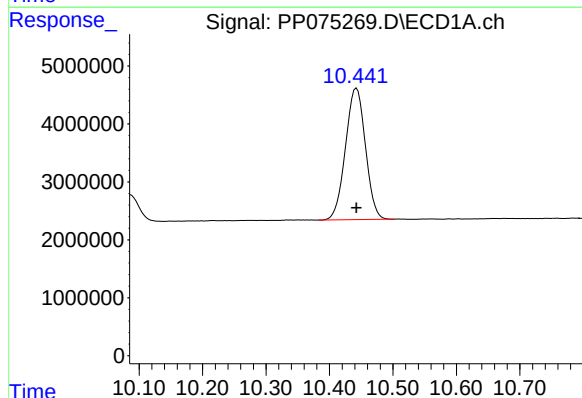
R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 64525262  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



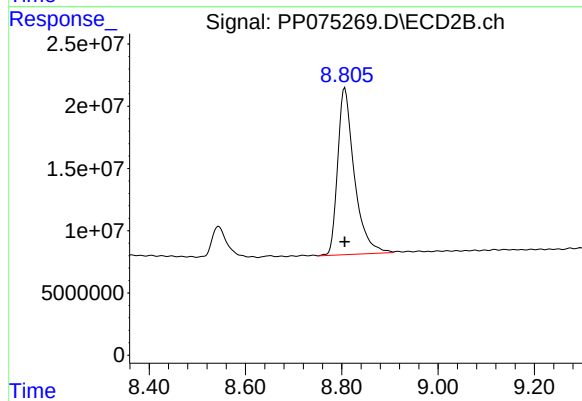
## #1 Tetrachloro-m-xylene

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 296718295  
Conc: 50.00 ng/ml



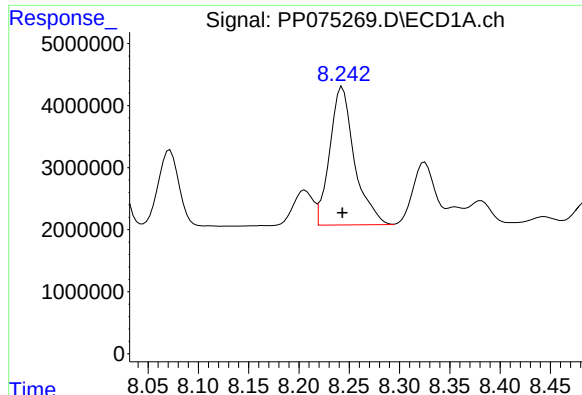
## #2 Decachlorobiphenyl

R.T.: 10.443 min  
Delta R.T.: 0.000 min  
Response: 49716283  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

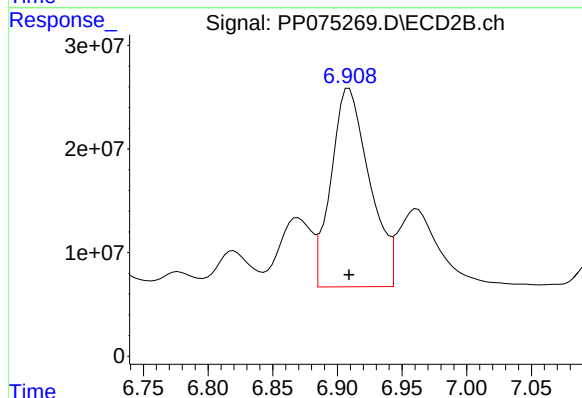
R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 321471739  
Conc: 50.00 ng/ml



#36 AR-1262-1

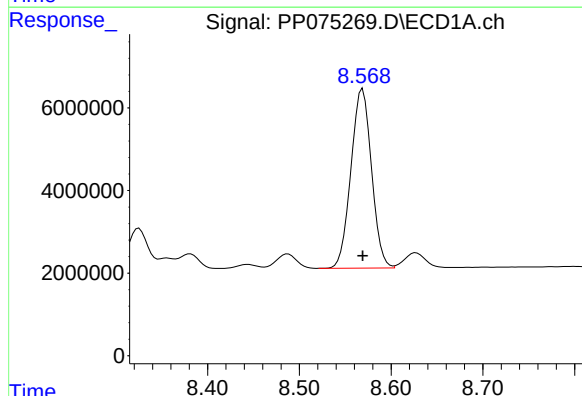
R.T.: 8.243 min  
Delta R.T.: 0.000 min  
Response: 37977598  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



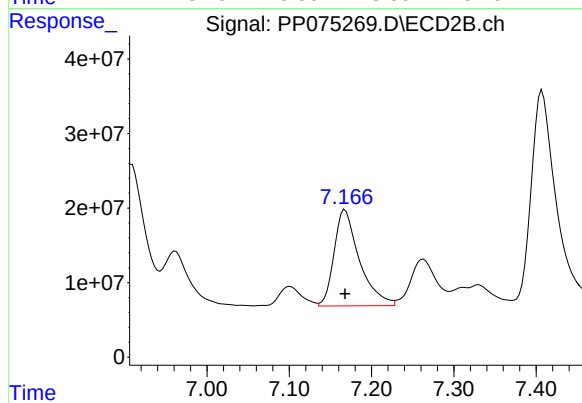
#36 AR-1262-1

R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 395558471  
Conc: 500.00 ng/ml



#37 AR-1262-2

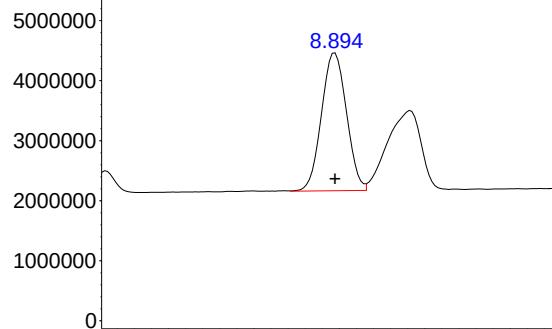
R.T.: 8.569 min  
Delta R.T.: 0.000 min  
Response: 67680488  
Conc: 500.00 ng/ml



#37 AR-1262-2

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 276184209  
Conc: 500.00 ng/ml

Response\_ Signal: PP075269.D\ECD1A.ch

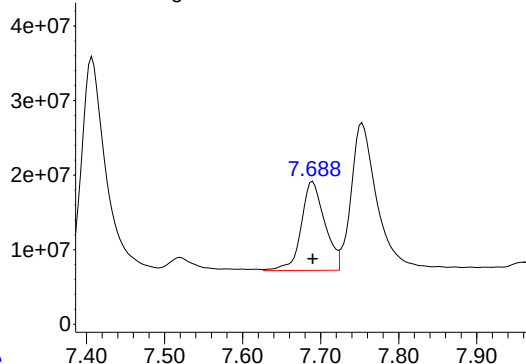


#38 AR-1262-3

R.T.: 8.895 min  
Delta R.T.: 0.000 min  
Response: 46725485  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

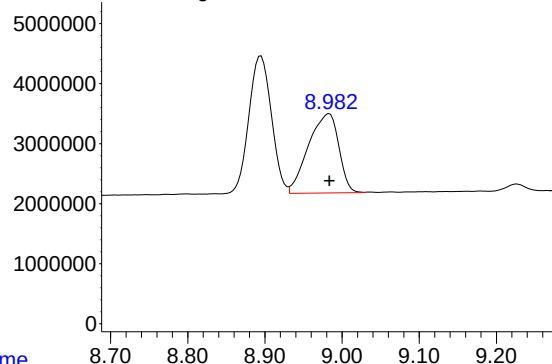
Time Response\_ Signal: PP075269.D\ECD2B.ch



#38 AR-1262-3

R.T.: 7.690 min  
Delta R.T.: 0.000 min  
Response: 249986782  
Conc: 500.00 ng/ml

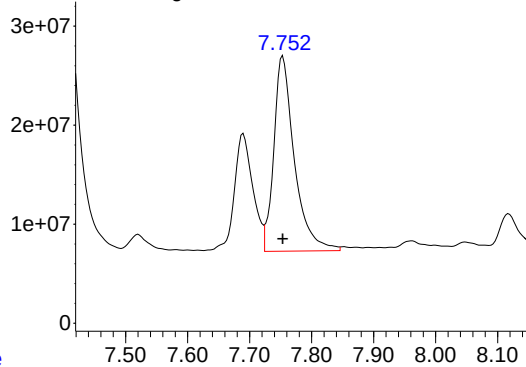
Time Response\_ Signal: PP075269.D\ECD1A.ch



#39 AR-1262-4

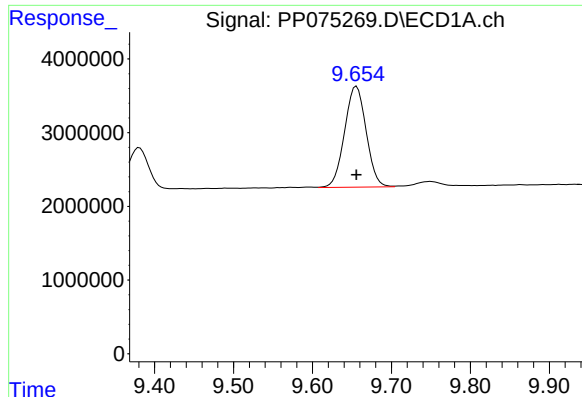
R.T.: 8.984 min  
Delta R.T.: 0.000 min  
Response: 36118617  
Conc: 500.00 ng/ml

Time Response\_ Signal: PP075269.D\ECD2B.ch



#39 AR-1262-4

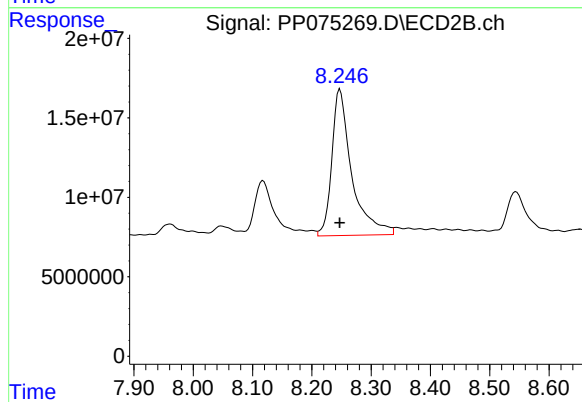
R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 454041768  
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.656 min  
Delta R.T.: 0.000 min  
Response: 26067736  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500



#40 AR-1262-5

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 214953059  
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075270.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 16:09  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 17:03:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 16:59:51 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.659  | 3.799 | 127.9E6  | 656.7E6  | 95.826  | 99.444  |
| 2) SA Decachlor...          | 10.442 | 8.807 | 165.7E6  | 1209.5E6 | 94.811  | 99.431  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.890  | 7.690 | 152.9E6  | 1460.2E6 | 949.456 | 967.154 |
| 42) L9 AR-1268-2            | 8.986  | 7.754 | 141.1E6  | 1471.7E6 | 950.525 | 983.689 |
| 43) L9 AR-1268-3            | 9.226  | 7.961 | 118.9E6  | 1142.5E6 | 951.307 | 977.313 |
| 44) L9 AR-1268-4            | 9.655  | 8.247 | 55874289 | 470.5E6  | 948.208 | 987.003 |
| 45) L9 AR-1268-5            | 10.086 | 8.545 | 373.7E6  | 3043.3E6 | 957.165 | 962.827 |
| -----                       |        |       |          |          |         |         |

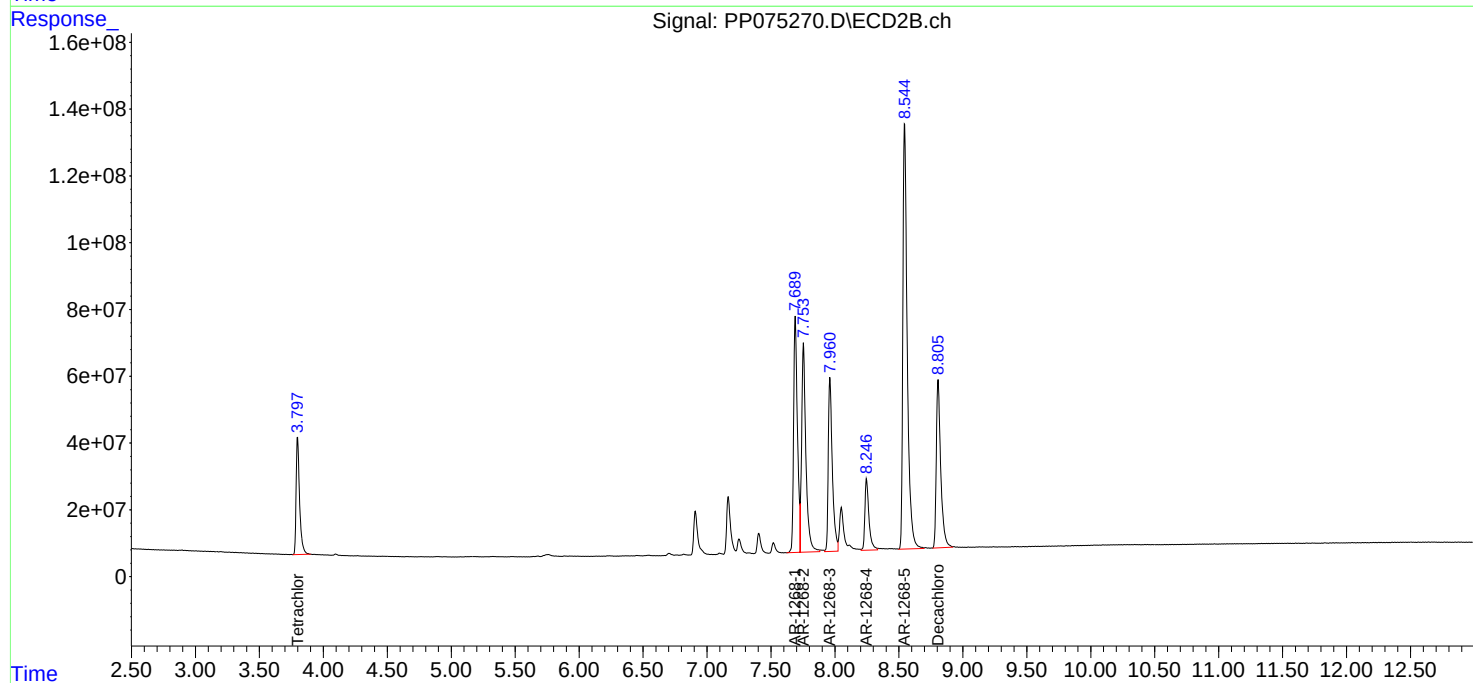
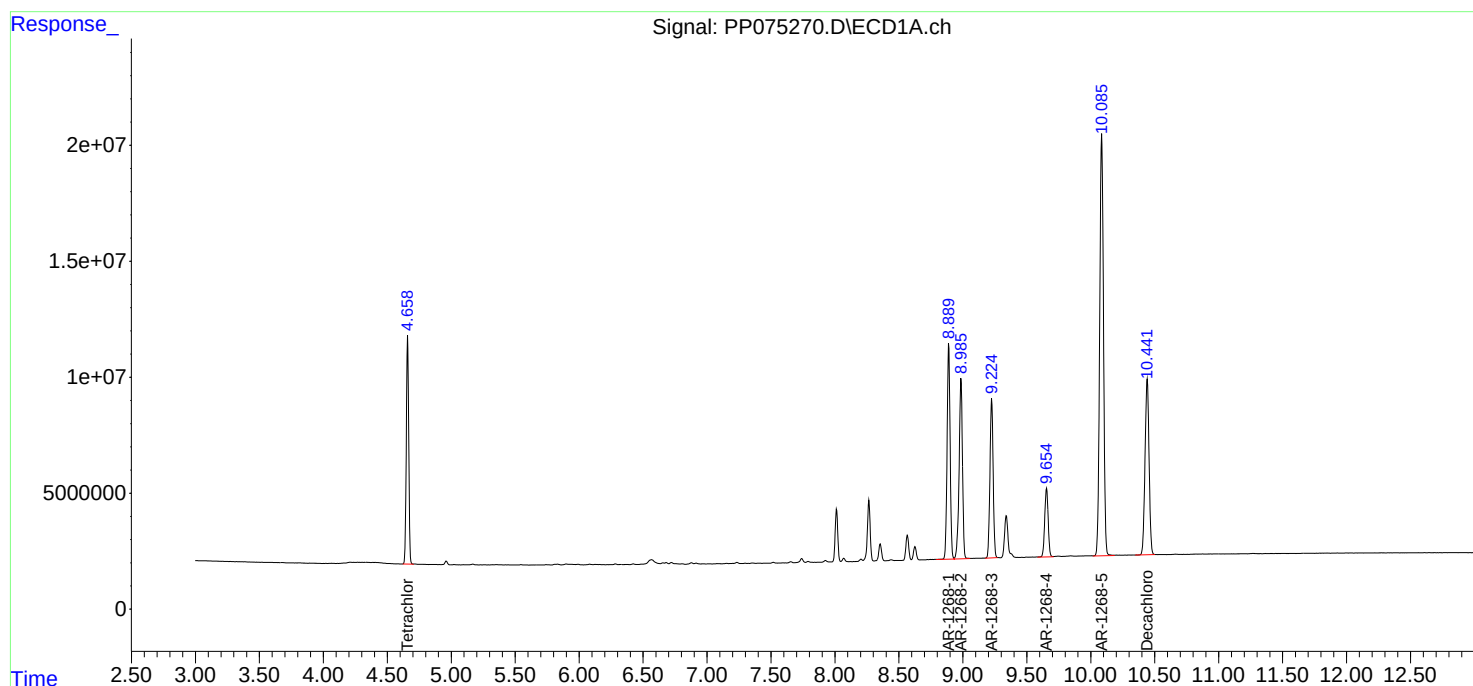
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075270.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 16:09  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

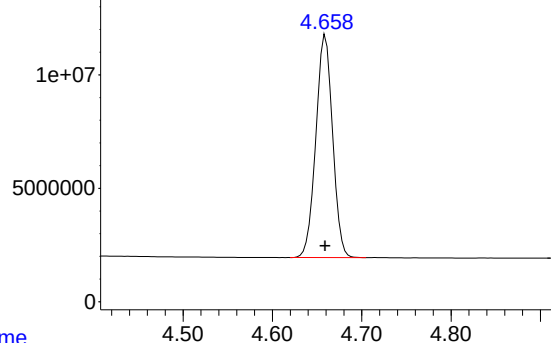
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:03:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 16:59:51 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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: PP075270.D\ECD1A.ch

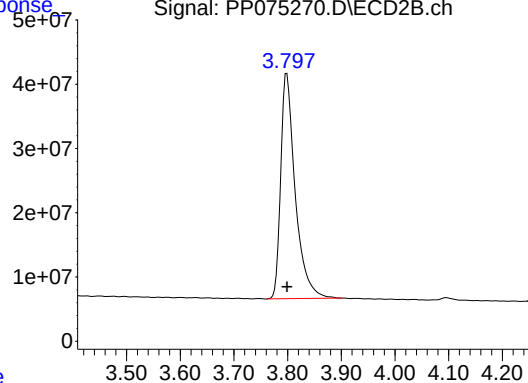


#1 Tetrachloro-m-xylene

R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 127913745  
Conc: 95.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

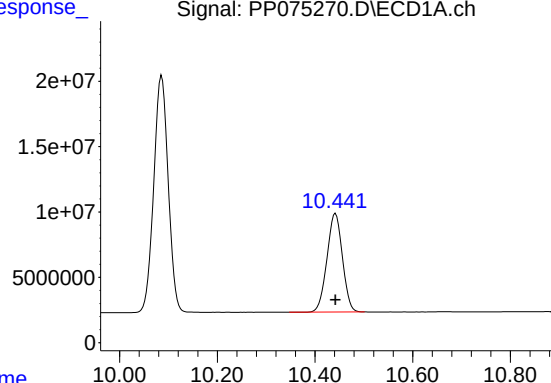
Time Response\_ Signal: PP075270.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 656732962  
Conc: 99.44 ng/ml

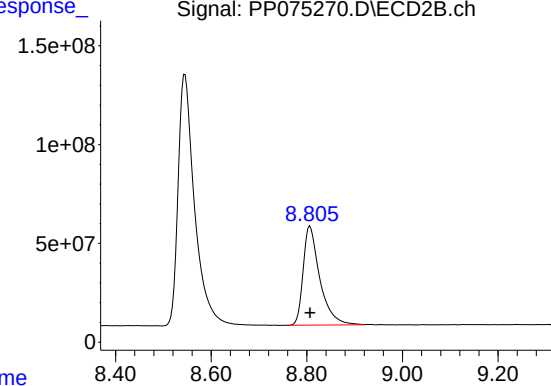
Time Response\_ Signal: PP075270.D\ECD1A.ch



#2 Decachlorobiphenyl

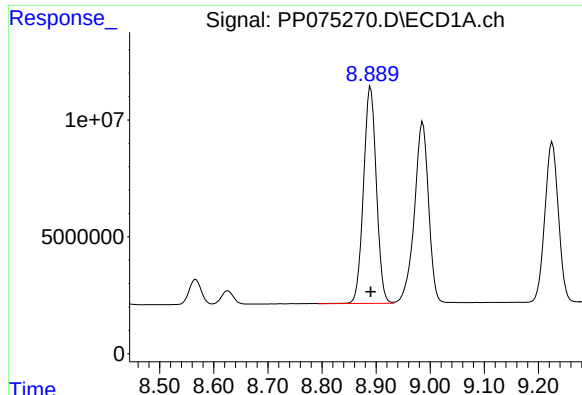
R.T.: 10.442 min  
Delta R.T.: 0.000 min  
Response: 165740658  
Conc: 94.81 ng/ml

Time Response\_ Signal: PP075270.D\ECD2B.ch



#2 Decachlorobiphenyl

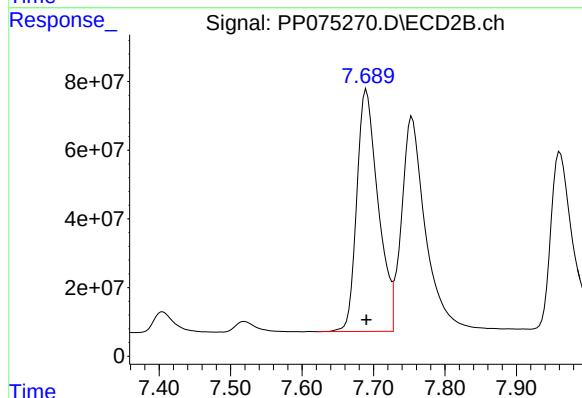
R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 1209469094  
Conc: 99.43 ng/ml



#41 AR-1268-1

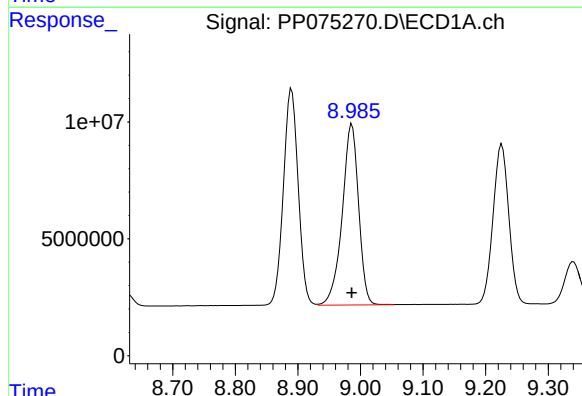
R.T.: 8.890 min  
Delta R.T.: 0.000 min  
Response: 152883178  
Conc: 949.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000



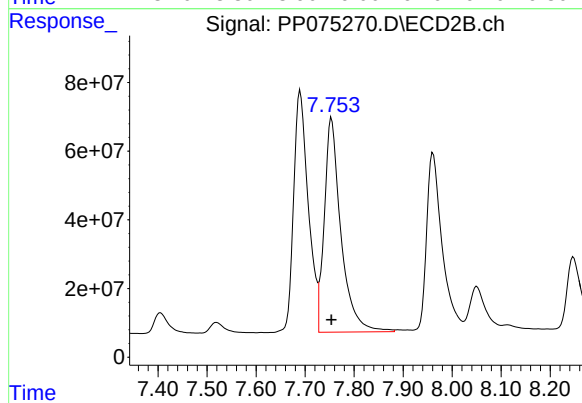
#41 AR-1268-1

R.T.: 7.690 min  
Delta R.T.: 0.000 min  
Response: 1460168699  
Conc: 967.15 ng/ml



#42 AR-1268-2

R.T.: 8.986 min  
Delta R.T.: 0.000 min  
Response: 141133811  
Conc: 950.53 ng/ml



#42 AR-1268-2

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 1471677824  
Conc: 983.69 ng/ml



Response\_ Signal: PP075270.D\ECD1A.ch

#43 AR-1268-3

R.T.: 9.226 min  
Delta R.T.: 0.000 min  
Response: 118887581  
Conc: 951.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Time

Response\_ Signal: PP075270.D\ECD2B.ch

#43 AR-1268-3

R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 1142468076  
Conc: 977.31 ng/ml

Time

Response\_ Signal: PP075270.D\ECD1A.ch

#44 AR-1268-4

R.T.: 9.655 min  
Delta R.T.: 0.000 min  
Response: 55874289  
Conc: 948.21 ng/ml

Time

Response\_ Signal: PP075270.D\ECD2B.ch

#44 AR-1268-4

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 470517486  
Conc: 987.00 ng/ml

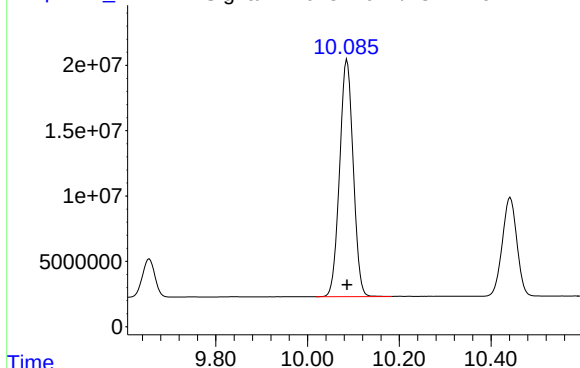
Time

Response\_

Signal: PP075270.D\ECD1A.ch

#45 AR-1268-5

ICAL Form



R.T.: 10.086 min  
Delta R.T.: 0.000 min  
Response: 373677572  
Conc: 957.16 ng/ml

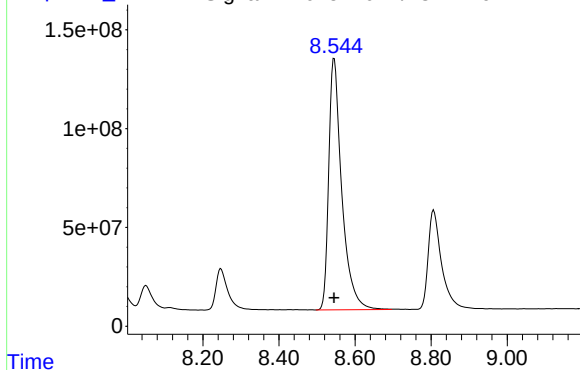
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Time

Response\_

Signal: PP075270.D\ECD2B.ch

#45 AR-1268-5



R.T.: 8.545 min  
Delta R.T.: 0.000 min  
Response: 3043336629  
Conc: 962.83 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 16:25  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 17:05:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 16:59:51 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.660  | 3.799 | 100.1E6  | 497.2E6  | 74.976  | 75.187  |
| 2) SA Decachlor...          | 10.442 | 8.807 | 130.2E6  | 914.1E6  | 74.643  | 75.099  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.892  | 7.690 | 119.8E6  | 1135.3E6 | 745.861 | 751.304 |
| 42) L9 AR-1268-2            | 8.988  | 7.754 | 110.2E6  | 1125.2E6 | 744.931 | 751.391 |
| 43) L9 AR-1268-3            | 9.228  | 7.962 | 92608920 | 865.0E6  | 743.998 | 743.275 |
| 44) L9 AR-1268-4            | 9.656  | 8.248 | 43848213 | 354.7E6  | 746.070 | 746.016 |
| 45) L9 AR-1268-5            | 10.088 | 8.546 | 291.3E6  | 2388.6E6 | 747.392 | 753.776 |
| -----                       |        |       |          |          |         |         |

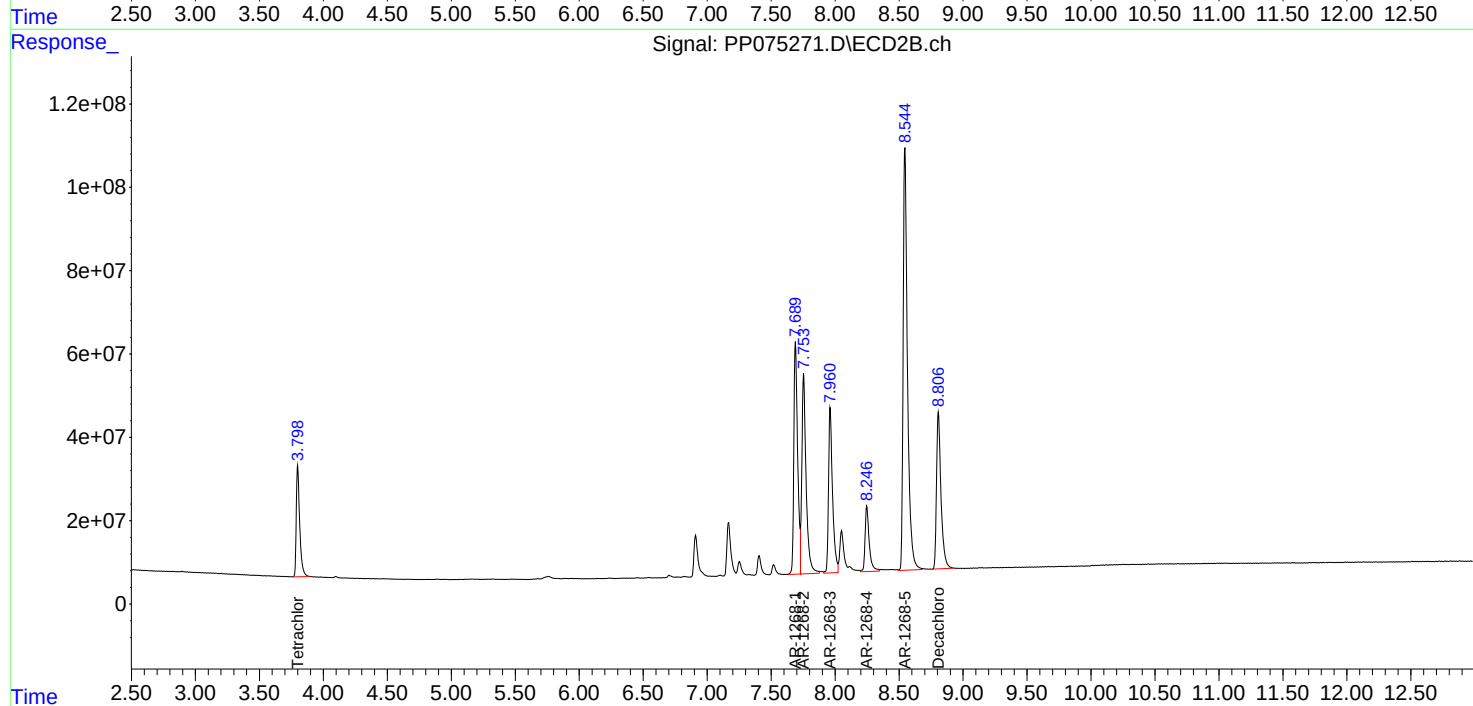
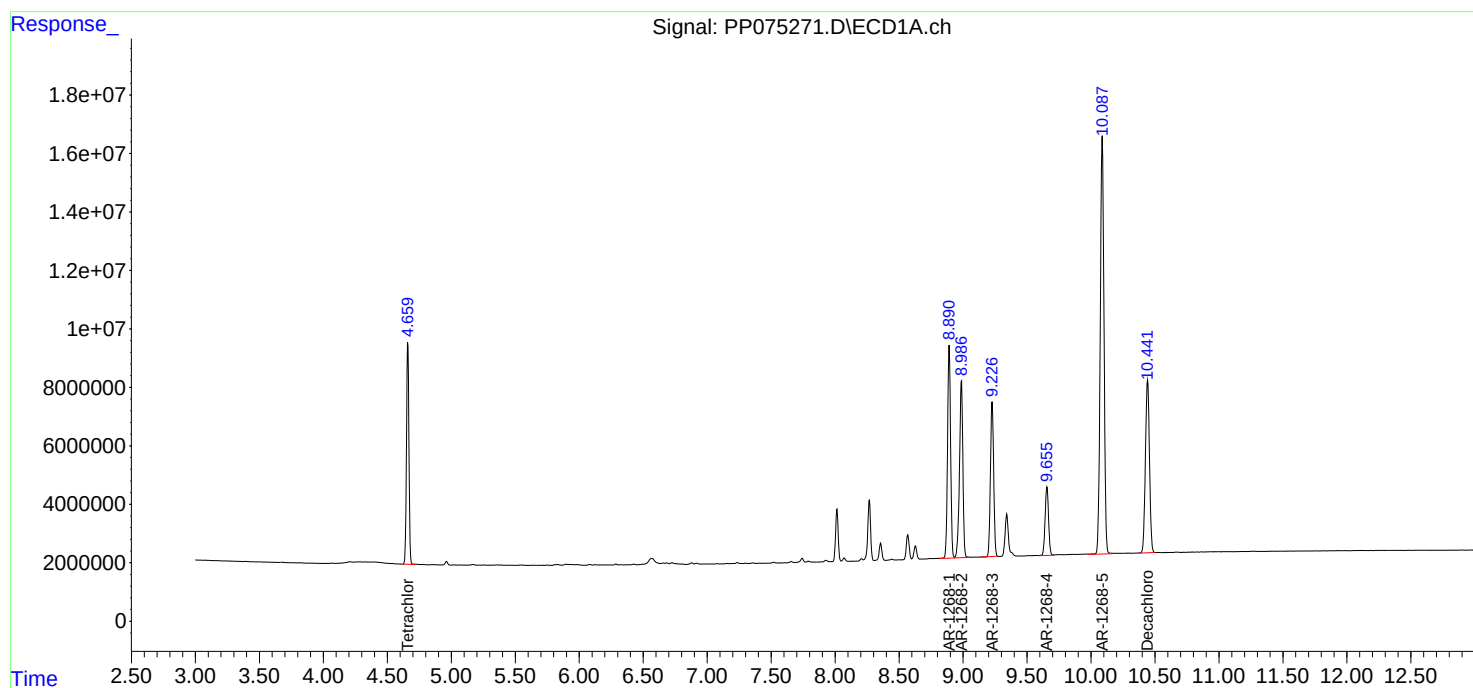
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075271.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 16:25  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

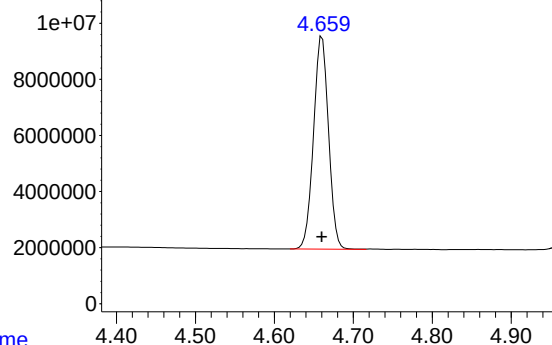
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:05:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 16:59:51 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Response\_ Signal: PP075271.D\ECD1A.ch

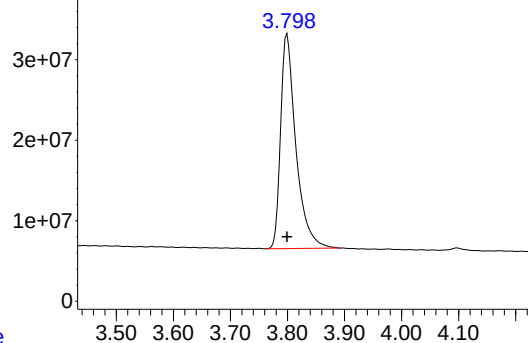


#1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 100066687  
Conc: 74.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

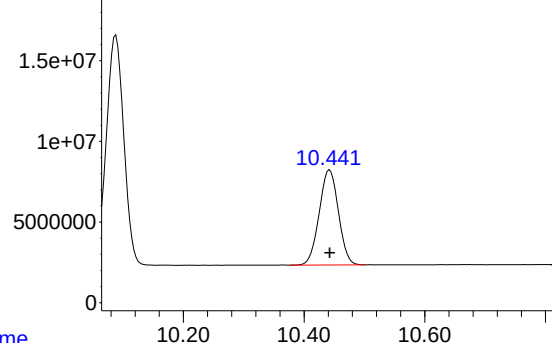
Time Response\_ Signal: PP075271.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 497158030  
Conc: 75.19 ng/ml

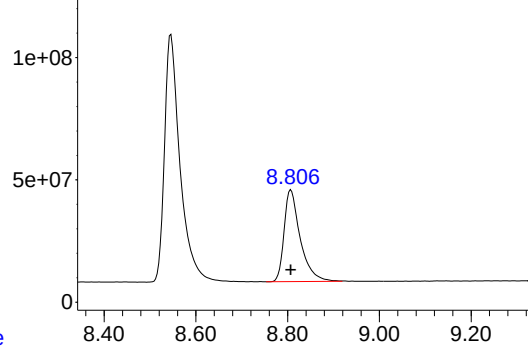
Time Response\_ Signal: PP075271.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.442 min  
Delta R.T.: 0.000 min  
Response: 130175685  
Conc: 74.64 ng/ml

Time Response\_ Signal: PP075271.D\ECD2B.ch



#2 Decachlorobiphenyl

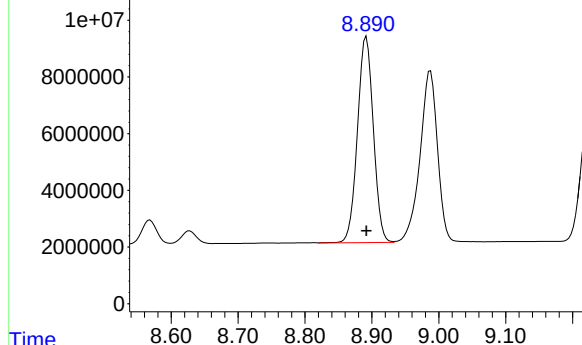
R.T.: 8.807 min  
Delta R.T.: 0.000 min  
Response: 914090698  
Conc: 75.10 ng/ml

Response\_ Signal: PP075271.D\ECD1A.ch

#41 AR-1268-1

R.T.: 8.892 min  
Delta R.T.: 0.000 min  
Response: 119769528  
Conc: 745.86 ng/ml

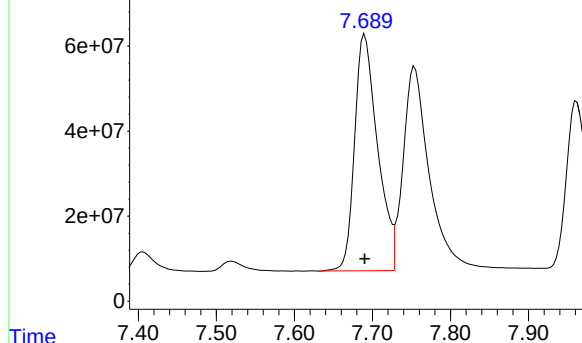
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



Time Response\_ Signal: PP075271.D\ECD2B.ch

#41 AR-1268-1

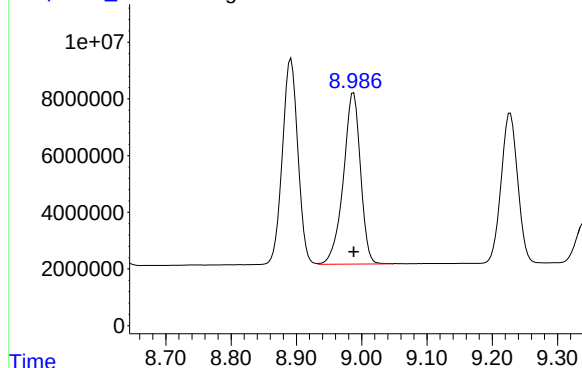
R.T.: 7.690 min  
Delta R.T.: 0.000 min  
Response: 1135274856  
Conc: 751.30 ng/ml



Time Response\_ Signal: PP075271.D\ECD1A.ch

#42 AR-1268-2

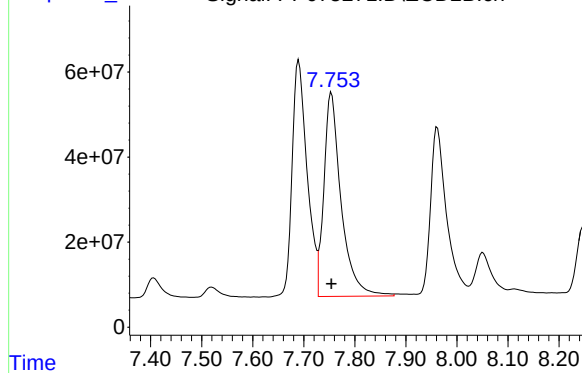
R.T.: 8.988 min  
Delta R.T.: 0.000 min  
Response: 110234639  
Conc: 744.93 ng/ml

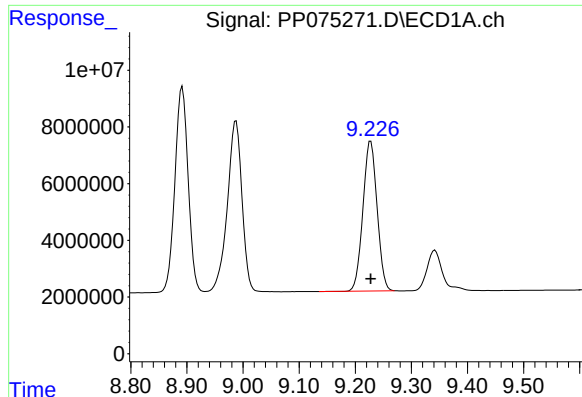


Time Response\_ Signal: PP075271.D\ECD2B.ch

#42 AR-1268-2

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 1125183792  
Conc: 751.39 ng/ml

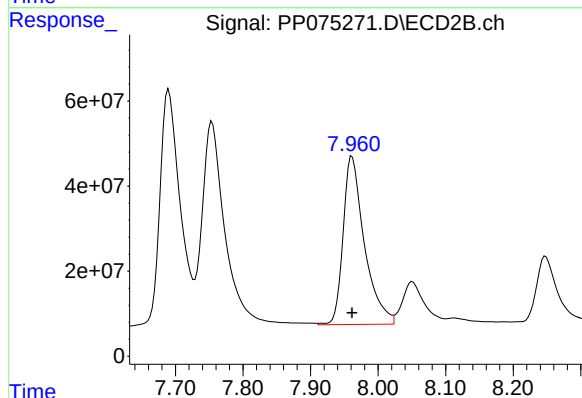




#43 AR-1268-3

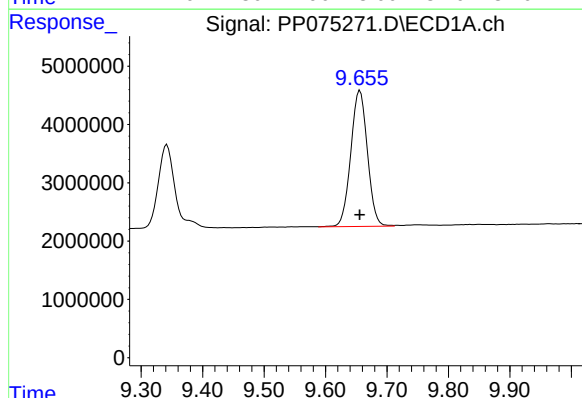
R.T.: 9.228 min  
Delta R.T.: 0.000 min  
Response: 92608920  
Conc: 744.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750



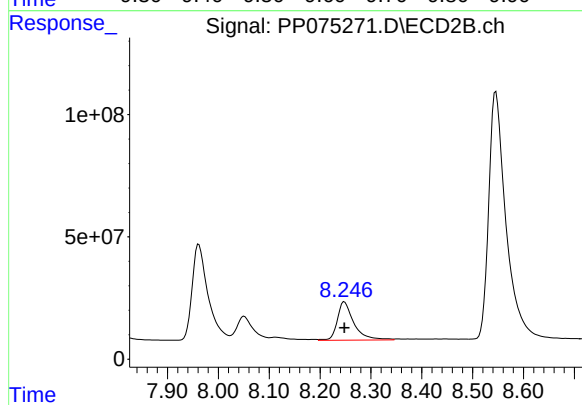
#43 AR-1268-3

R.T.: 7.962 min  
Delta R.T.: 0.000 min  
Response: 865001509  
Conc: 743.27 ng/ml



#44 AR-1268-4

R.T.: 9.656 min  
Delta R.T.: 0.000 min  
Response: 43848213  
Conc: 746.07 ng/ml



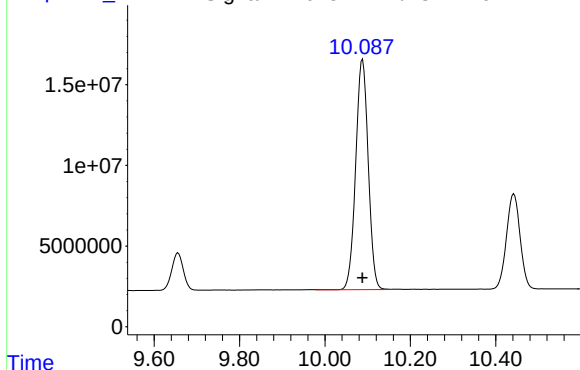
#44 AR-1268-4

R.T.: 8.248 min  
Delta R.T.: 0.000 min  
Response: 354693309  
Conc: 746.02 ng/ml

Response\_

Signal: PP075271.D\ECD1A.ch

#45 AR-1268-5



R.T.: 10.088 min  
Delta R.T.: 0.000 min  
Response: 291275954  
Conc: 747.39 ng/ml

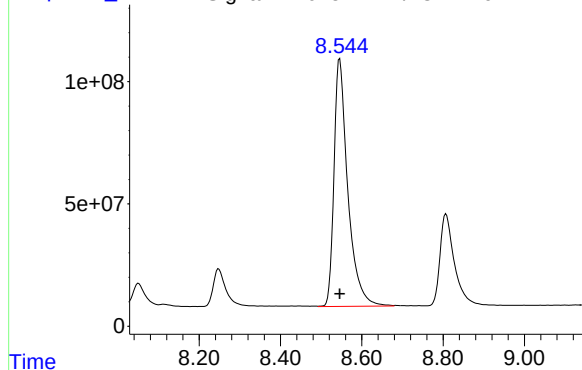
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Time

Response\_

Signal: PP075271.D\ECD2B.ch

#45 AR-1268-5



R.T.: 8.546 min  
Delta R.T.: 0.000 min  
Response: 2388574998  
Conc: 753.78 ng/ml

Time



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075272.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 16:41  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 17:00:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 16:59:51 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.660  | 3.799 | 69528834 | 332.0E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.443 | 8.806 | 91941579 | 611.7E6  | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.891  | 7.689 | 84580336 | 779.7E6  | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.987  | 7.753 | 77912875 | 760.2E6  | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 9.228  | 7.960 | 65529058 | 597.8E6  | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.655  | 8.246 | 30989057 | 241.5E6  | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 10.087 | 8.545 | 203.6E6  | 1639.2E6 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

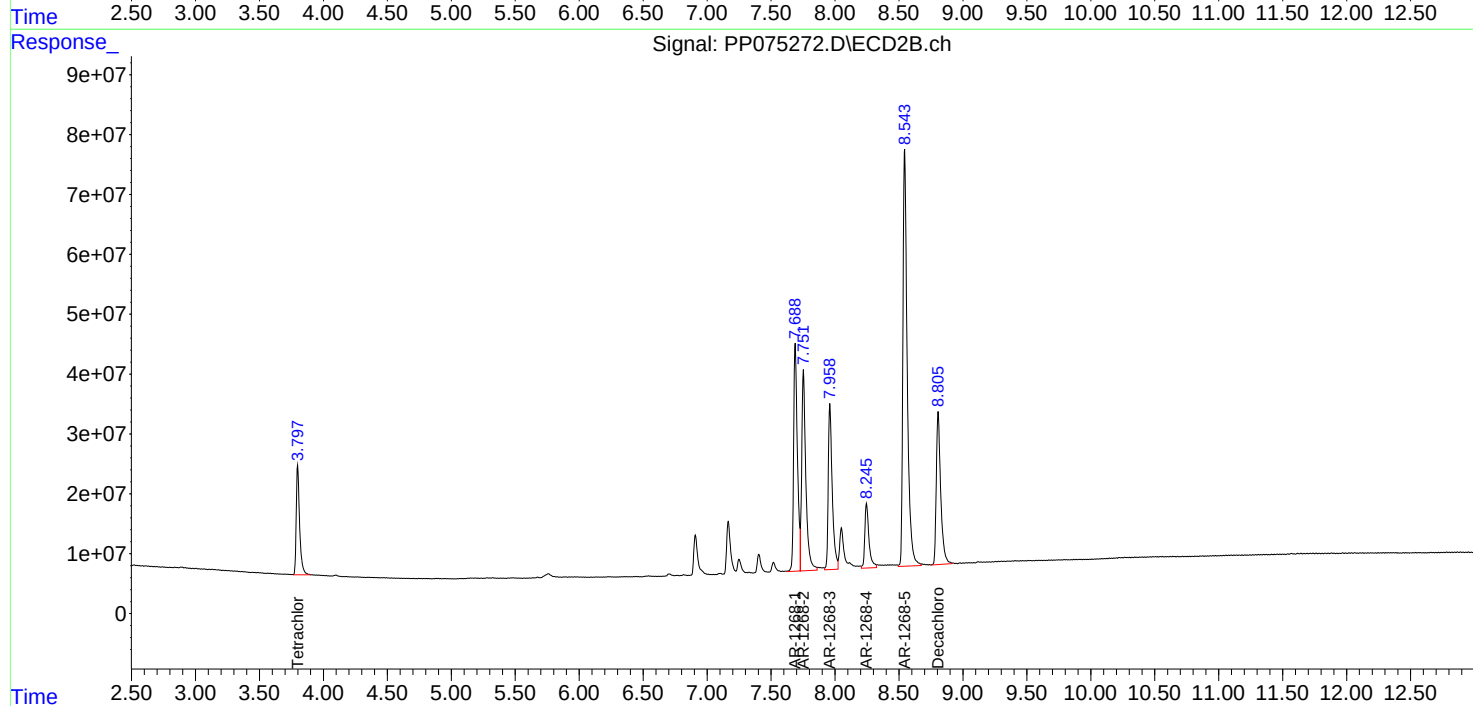
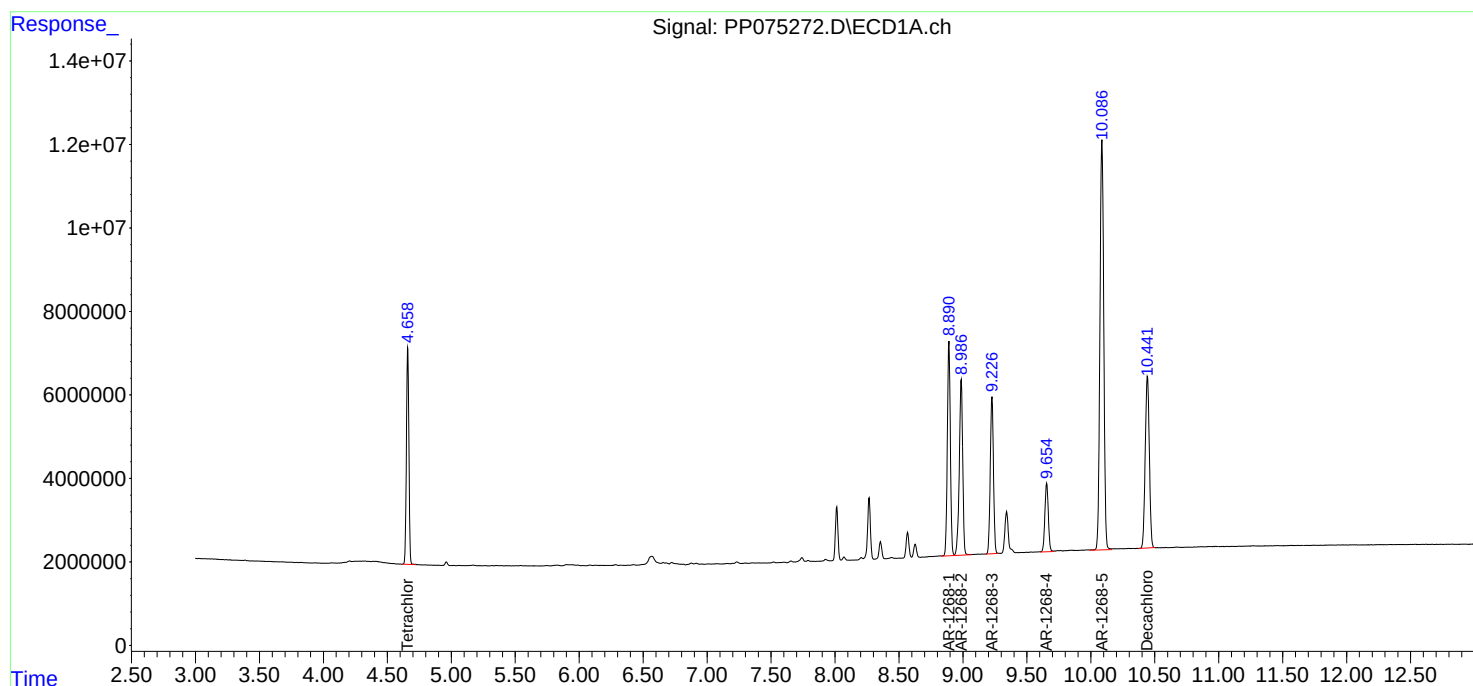
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

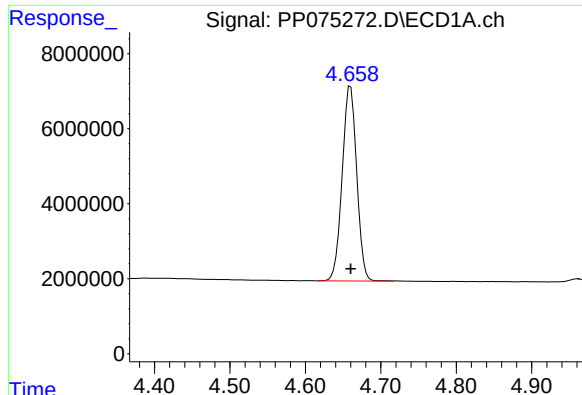
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075272.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 16:41  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:00:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 16:59:51 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

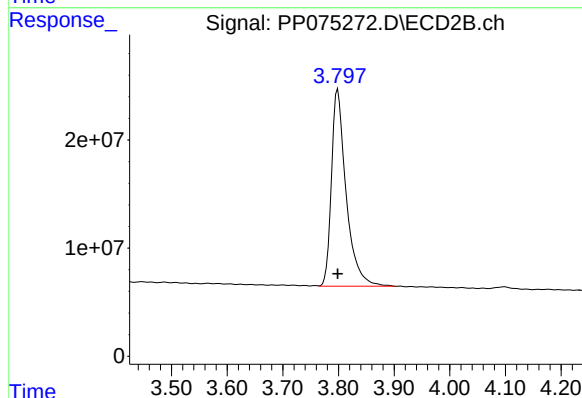




## #1 Tetrachloro-m-xylene

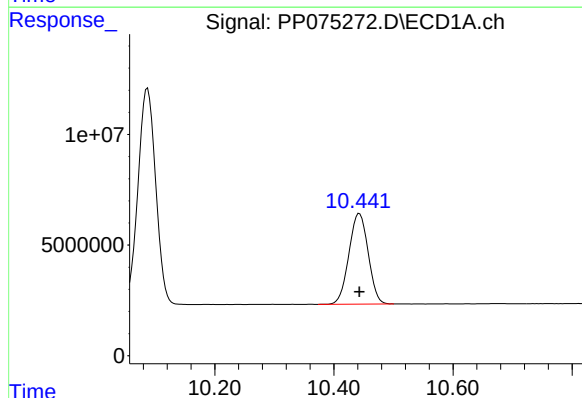
R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 69528834  
Conc: 50.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



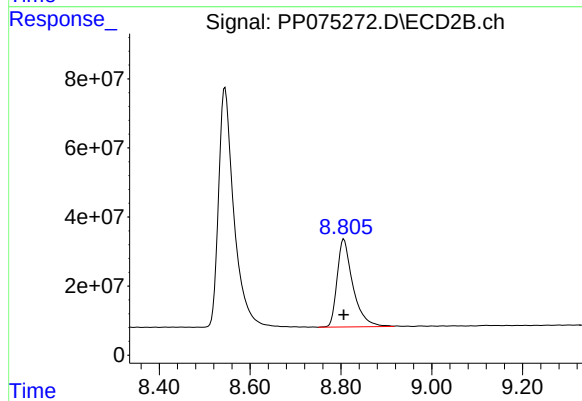
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 332036100  
Conc: 50.00 ng/ml



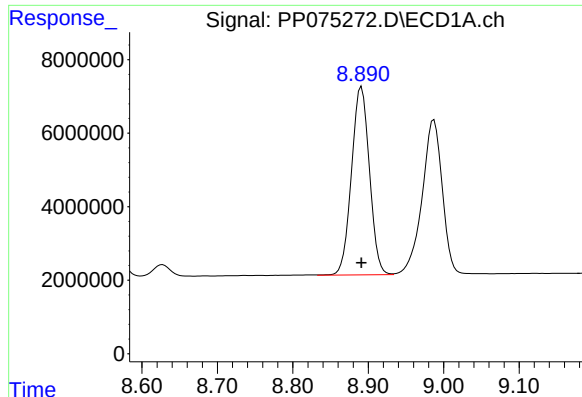
## #2 Decachlorobiphenyl

R.T.: 10.443 min  
Delta R.T.: 0.000 min  
Response: 91941579  
Conc: 50.00 ng/ml



## #2 Decachlorobiphenyl

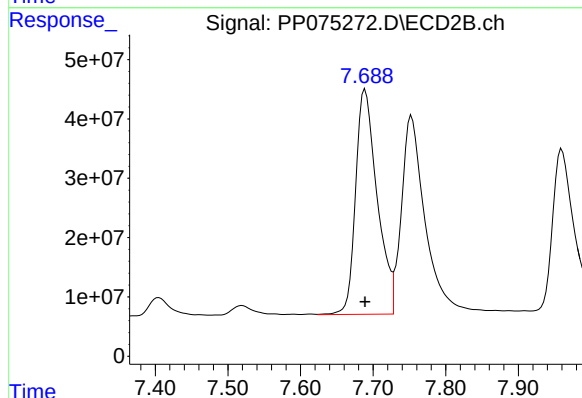
R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 611654619  
Conc: 50.00 ng/ml



#41 AR-1268-1

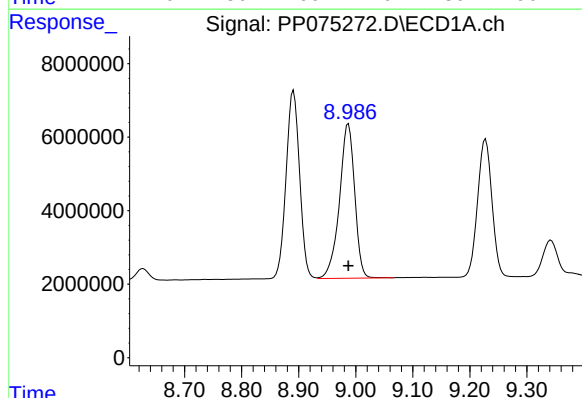
R.T.: 8.891 min  
Delta R.T.: 0.000 min  
Response: 84580336  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



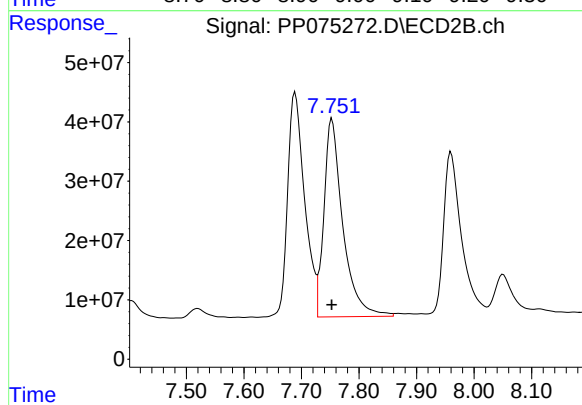
#41 AR-1268-1

R.T.: 7.689 min  
Delta R.T.: 0.000 min  
Response: 779674117  
Conc: 500.00 ng/ml



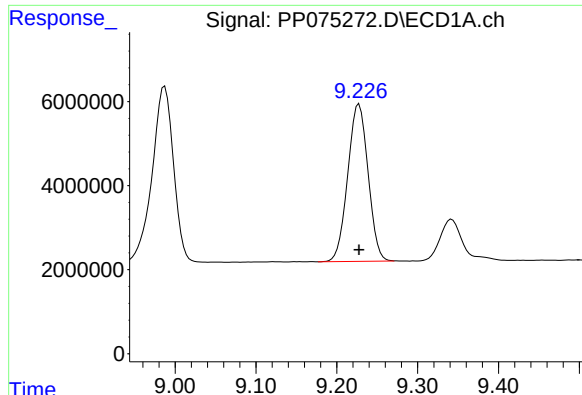
#42 AR-1268-2

R.T.: 8.987 min  
Delta R.T.: 0.000 min  
Response: 77912875  
Conc: 500.00 ng/ml



#42 AR-1268-2

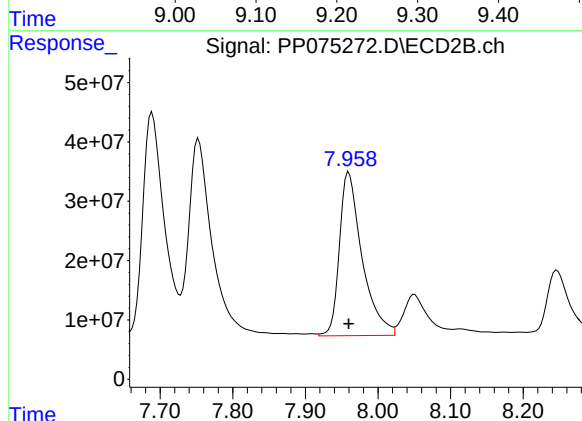
R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 760240815  
Conc: 500.00 ng/ml



#43 AR-1268-3

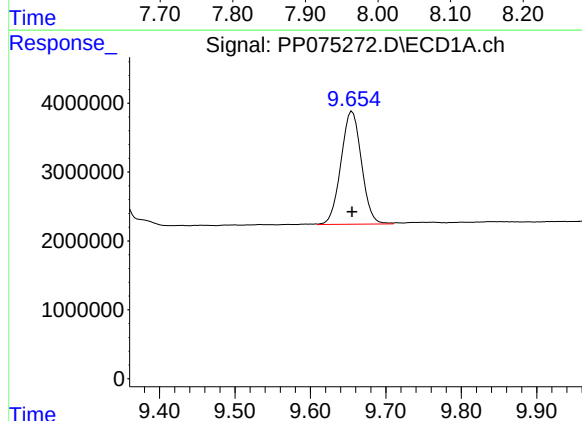
R.T.: 9.228 min  
Delta R.T.: 0.000 min  
Response: 65529058  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500



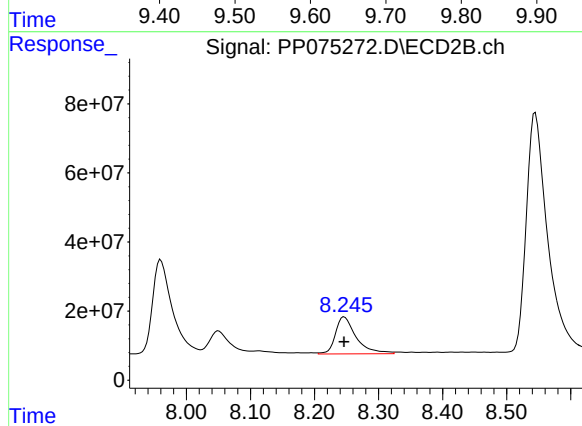
#43 AR-1268-3

R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 597755130  
Conc: 500.00 ng/ml



#44 AR-1268-4

R.T.: 9.655 min  
Delta R.T.: 0.000 min  
Response: 30989057  
Conc: 500.00 ng/ml



#44 AR-1268-4

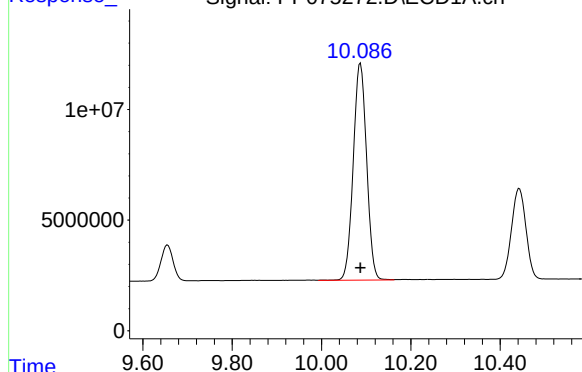
R.T.: 8.246 min  
Delta R.T.: 0.000 min  
Response: 241454470  
Conc: 500.00 ng/ml

Response\_

Signal: PP075272.D\ECD1A.ch

#45 AR-1268-5

ICAL Form



R.T.: 10.087 min  
Delta R.T.: 0.000 min  
Response: 203561599  
Conc: 500.00 ng/ml

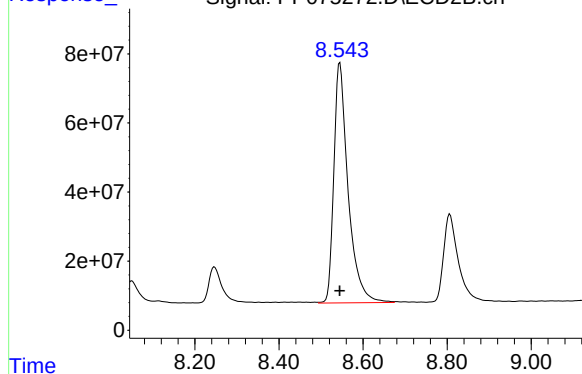
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Time

Response\_

Signal: PP075272.D\ECD2B.ch

#45 AR-1268-5



R.T.: 8.545 min  
Delta R.T.: 0.000 min  
Response: 1639165491  
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 16:58  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 17:12:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 17:12:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.658  | 3.796 | 34379611 | 151.4E6 | 25.565  | 23.393  |
| 2) SA Decachlor...          | 10.439 | 8.804 | 46278136 | 303.1E6 | 26.135  | 24.927  |
| Target Compounds            |        |       |          |         |         |         |
| 41) L9 AR-1268-1            | 8.889  | 7.687 | 42980575 | 365.2E6 | 263.015 | 243.698 |
| 42) L9 AR-1268-2            | 8.984  | 7.751 | 39128437 | 345.6E6 | 260.660 | 235.330 |
| 43) L9 AR-1268-3            | 9.225  | 7.958 | 32512368 | 273.5E6 | 258.304 | 238.576 |
| 44) L9 AR-1268-4            | 9.653  | 8.245 | 15247313 | 115.2E6 | 257.007 | 244.227 |
| 45) L9 AR-1268-5            | 10.085 | 8.542 | 101.3E6  | 821.3E6 | 257.365 | 256.819 |
| -----                       |        |       |          |         |         |         |

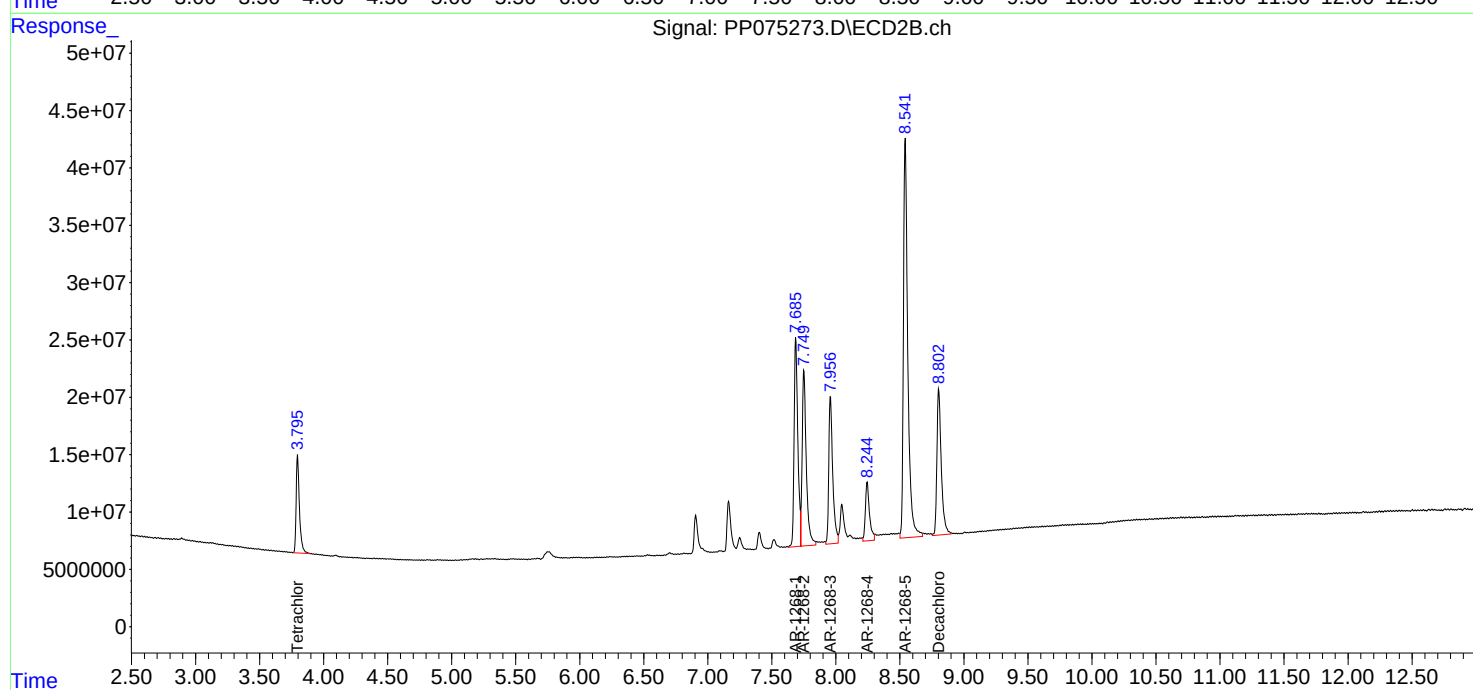
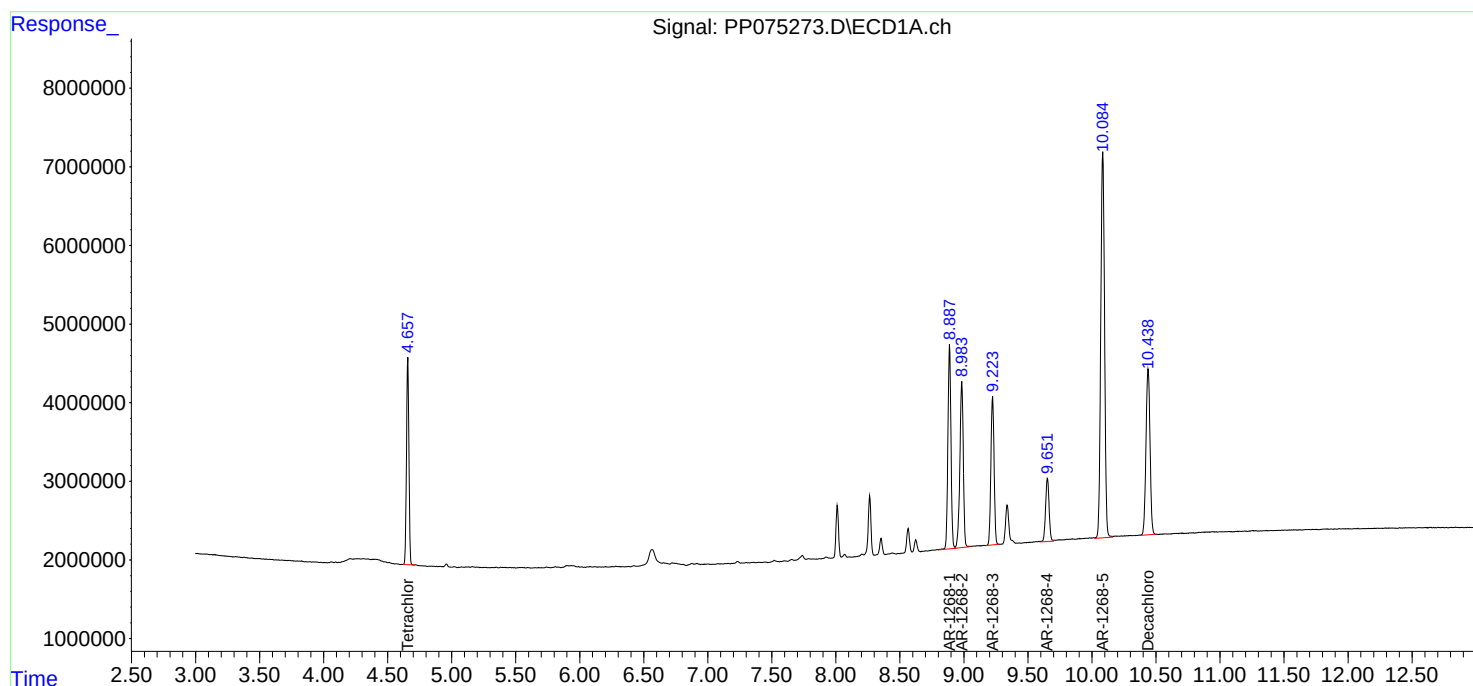
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075273.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 16:58  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

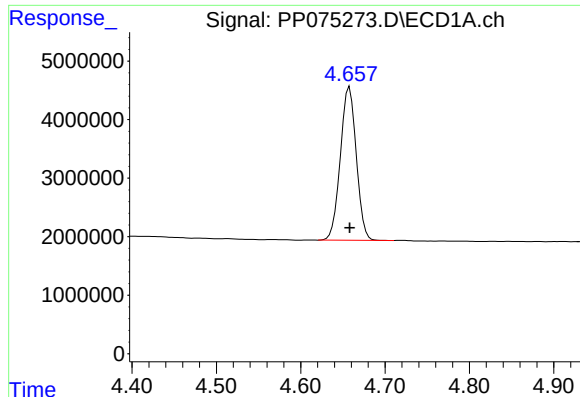
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:12:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:12:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



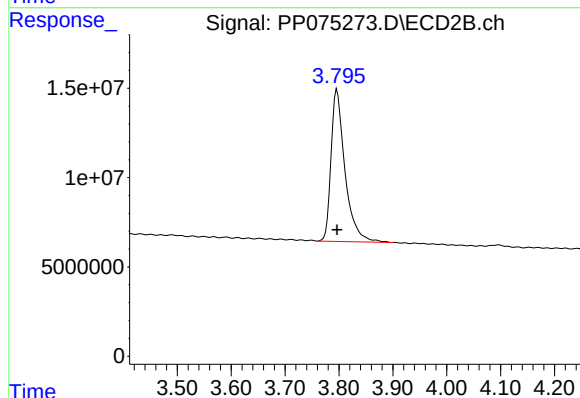




## #1 Tetrachloro-m-xylene

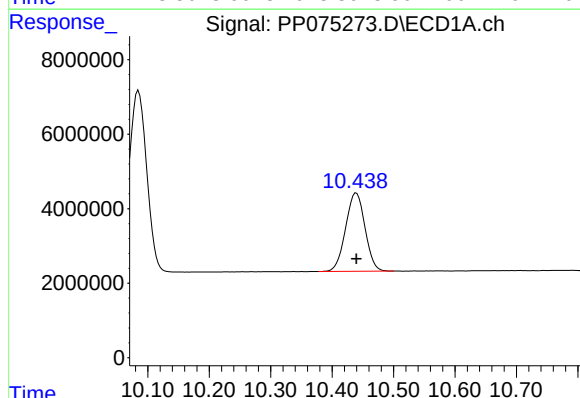
R.T.: 4.658 min  
Delta R.T.: 0.000 min  
Response: 34379611  
Conc: 25.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



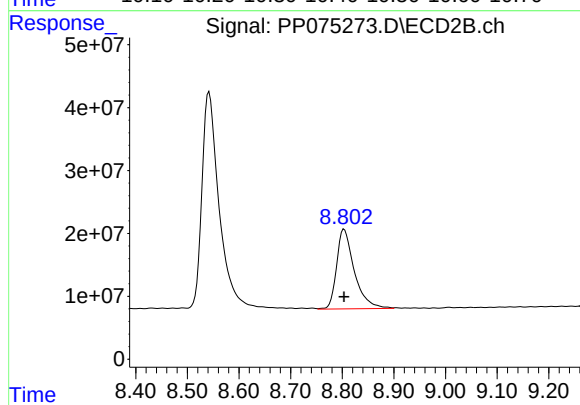
## #1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 151432939  
Conc: 23.39 ng/ml



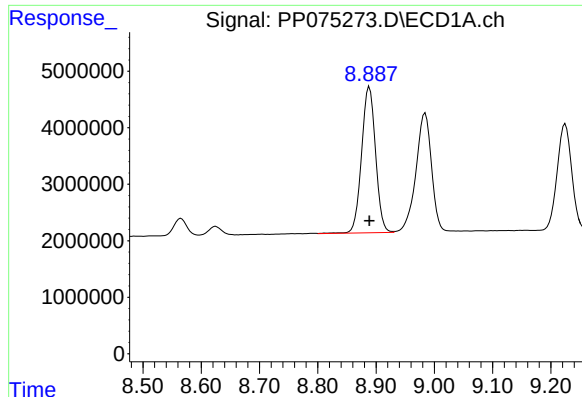
## #2 Decachlorobiphenyl

R.T.: 10.439 min  
Delta R.T.: 0.000 min  
Response: 46278136  
Conc: 26.13 ng/ml



## #2 Decachlorobiphenyl

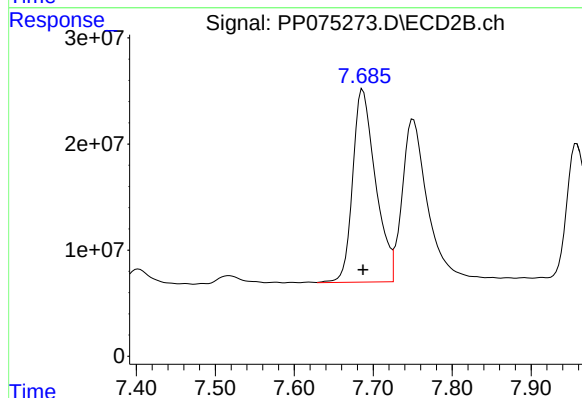
R.T.: 8.804 min  
Delta R.T.: 0.000 min  
Response: 303111015  
Conc: 24.93 ng/ml



#41 AR-1268-1

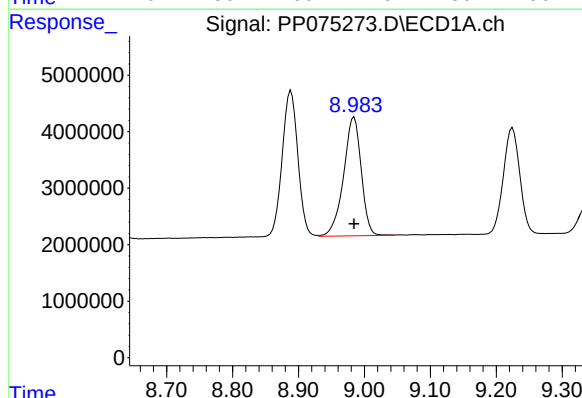
R.T.: 8.889 min  
Delta R.T.: 0.000 min  
Response: 42980575  
Conc: 263.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



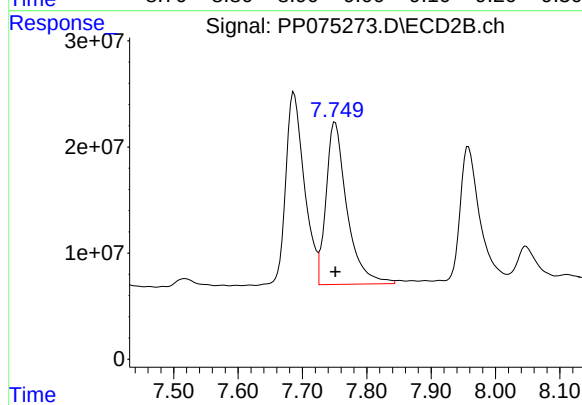
#41 AR-1268-1

R.T.: 7.687 min  
Delta R.T.: 0.000 min  
Response: 365177329  
Conc: 243.70 ng/ml



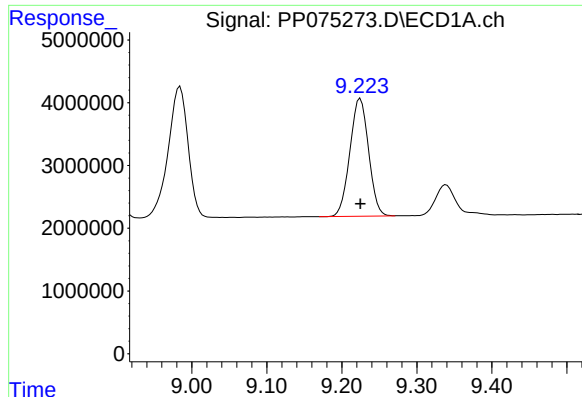
#42 AR-1268-2

R.T.: 8.984 min  
Delta R.T.: 0.000 min  
Response: 39128437  
Conc: 260.66 ng/ml



#42 AR-1268-2

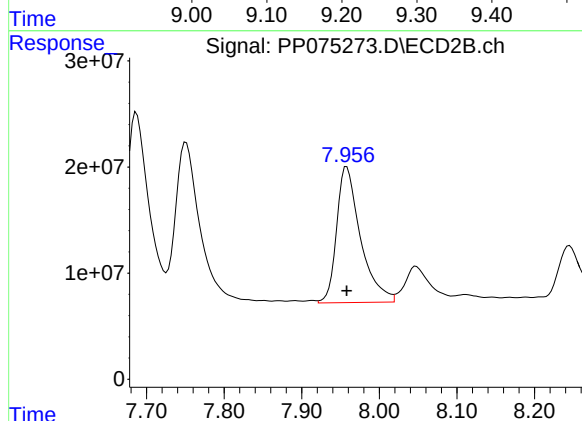
R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 345638504  
Conc: 235.33 ng/ml



#43 AR-1268-3

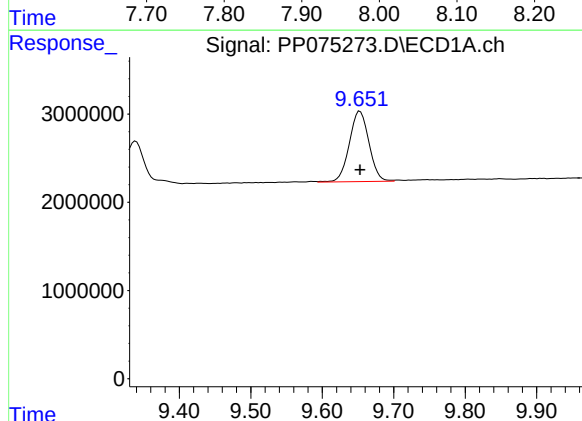
R.T.: 9.225 min  
Delta R.T.: 0.000 min  
Response: 32512368  
Conc: 258.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



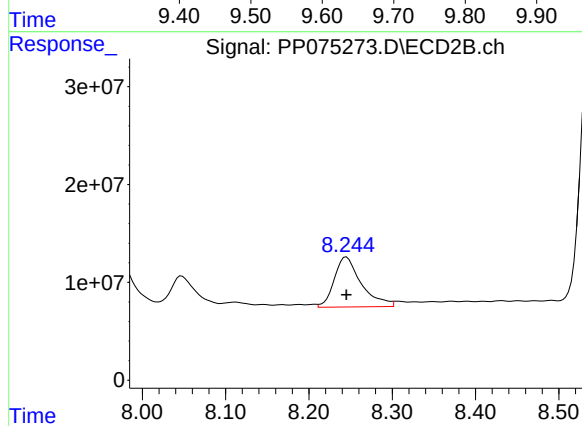
#43 AR-1268-3

R.T.: 7.958 min  
Delta R.T.: 0.000 min  
Response: 273482322  
Conc: 238.58 ng/ml



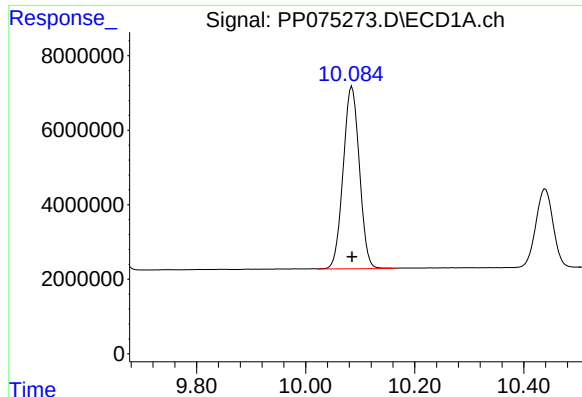
#44 AR-1268-4

R.T.: 9.653 min  
Delta R.T.: 0.000 min  
Response: 15247313  
Conc: 257.01 ng/ml



#44 AR-1268-4

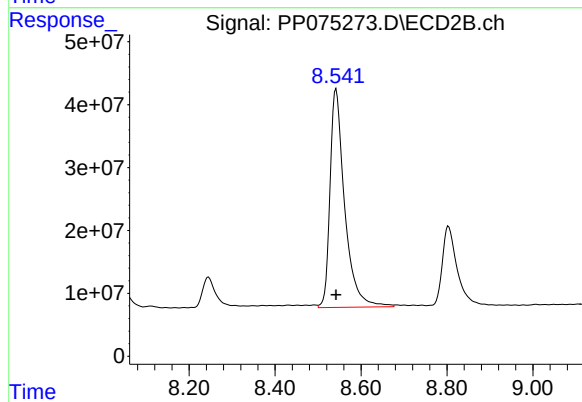
R.T.: 8.245 min  
Delta R.T.: 0.000 min  
Response: 115230714  
Conc: 244.23 ng/ml



#45 AR-1268-5

R.T.: 10.085 min  
Delta R.T.: 0.000 min  
Response: 101295864  
Conc: 257.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250



#45 AR-1268-5

R.T.: 8.542 min  
Delta R.T.: 0.000 min  
Response: 821277670  
Conc: 256.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075274.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 17:14  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 17:35:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 17:35:25 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...          | 4.656  | 3.796 | 6162995  | 20516394 | 4.661   | 3.375m# |
| 2) SA Decachlor...          | 10.438 | 8.806 | 8054661  | 48956522 | 4.632   | 4.189   |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.887  | 7.689 | 7806652  | 60962197 | 48.257m | 42.258  |
| 42) L9 AR-1268-2            | 8.984  | 7.753 | 7067403  | 54955257 | 47.637  | 39.400  |
| 43) L9 AR-1268-3            | 9.224  | 7.960 | 5848482  | 43468397 | 47.131  | 39.653m |
| 44) L9 AR-1268-4            | 9.653  | 8.247 | 3041493  | 18125694 | 51.009  | 40.754m |
| 45) L9 AR-1268-5            | 10.084 | 8.544 | 18331022 | 120.0E6  | 47.221  | 39.458m |
| -----                       |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075274.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 17:14  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

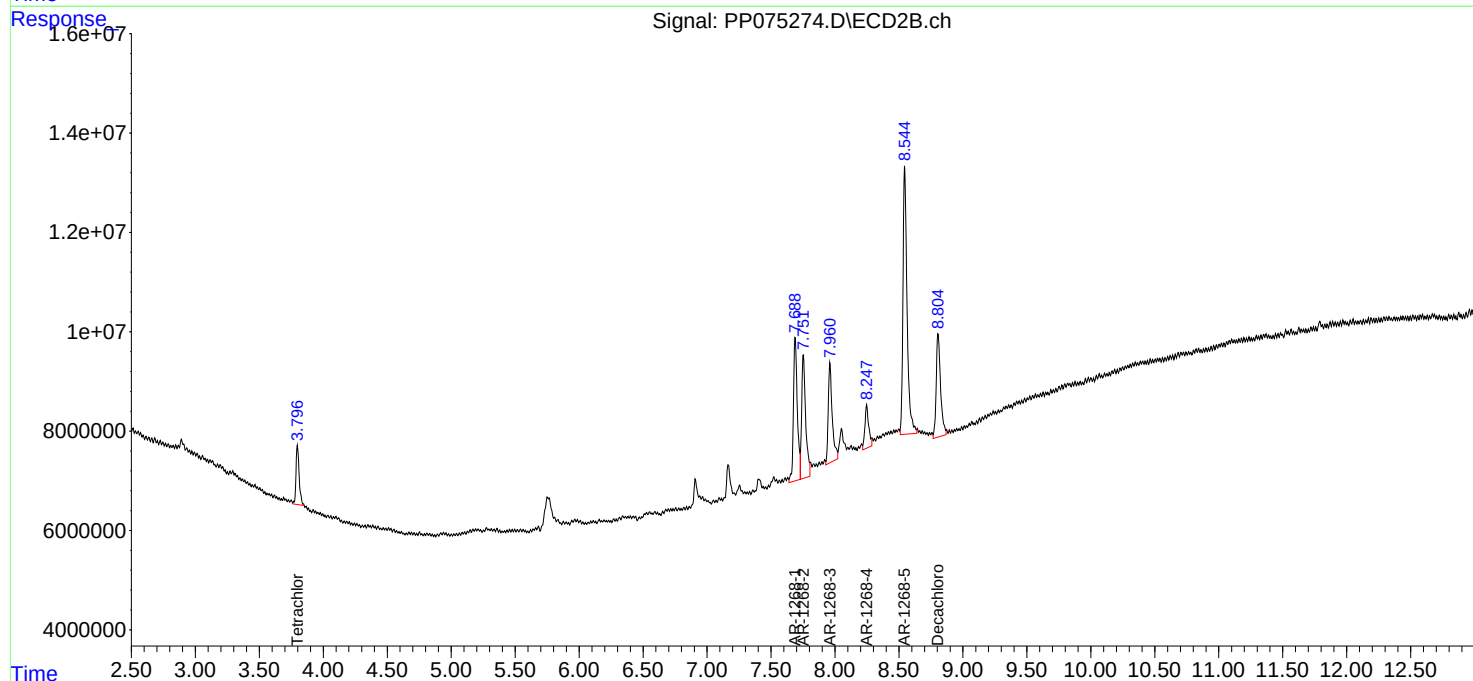
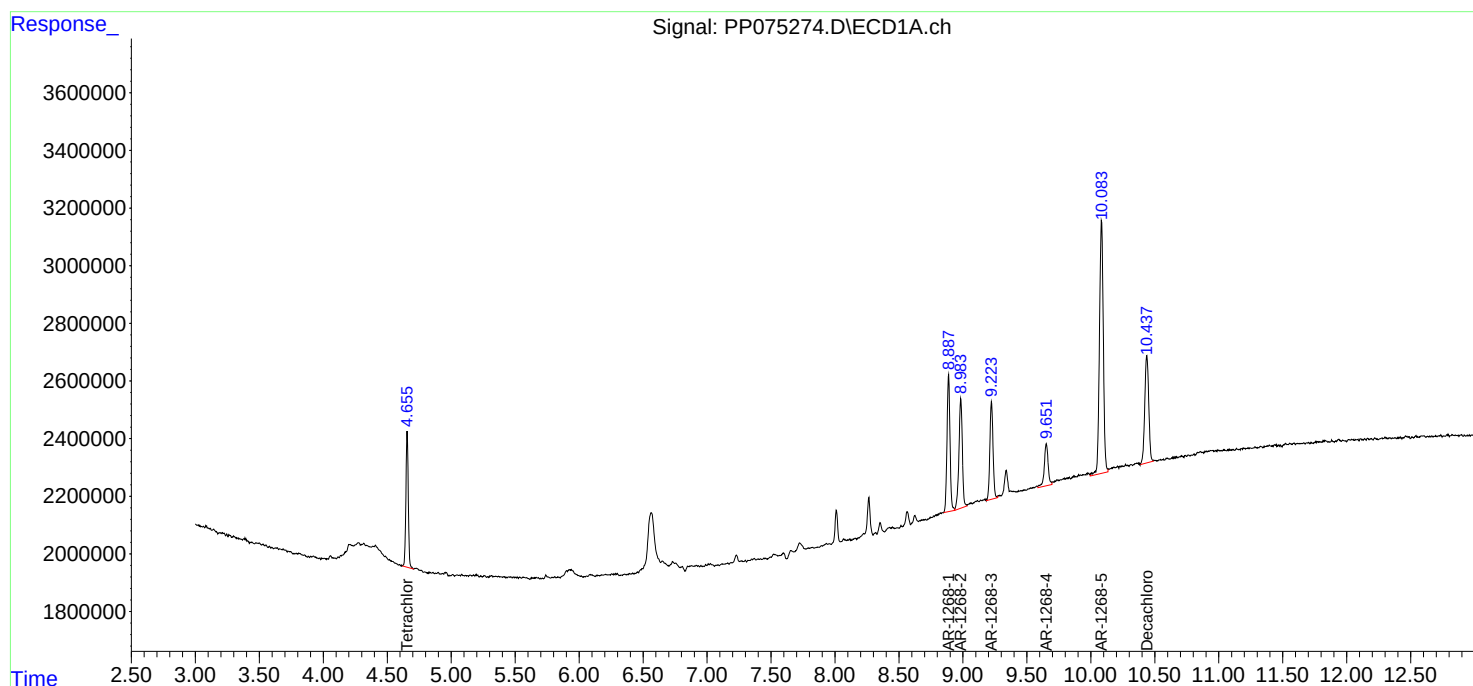
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

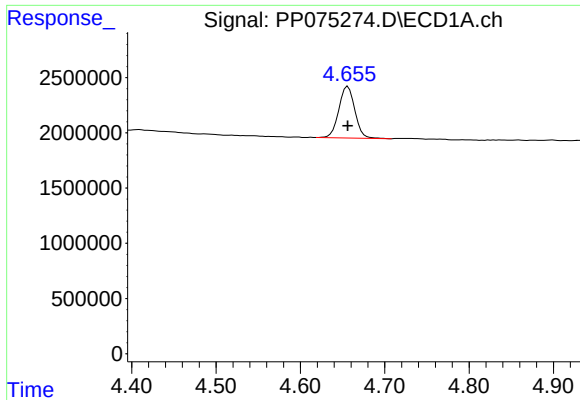
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:35:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:35:25 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

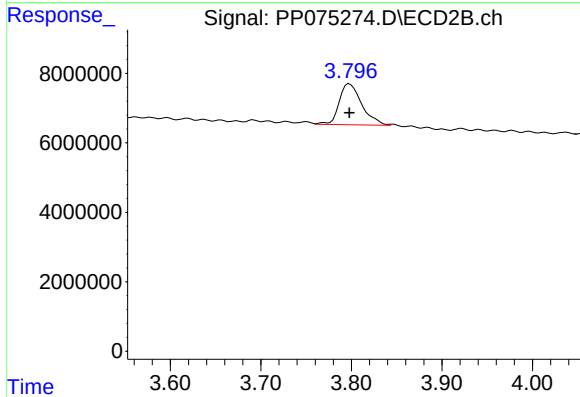
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 6162995  
Conc: 4.66 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

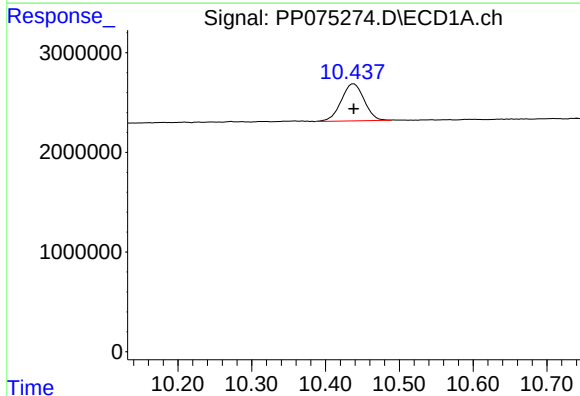
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



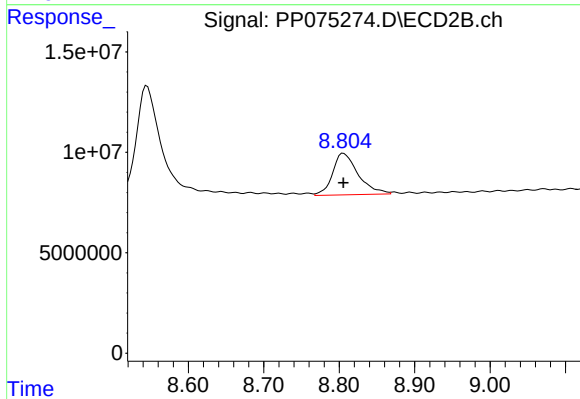
#1 Tetrachloro-m-xylene

R.T.: 3.796 min  
Delta R.T.: -0.001 min  
Response: 20516394  
Conc: 3.38 ng/ml m



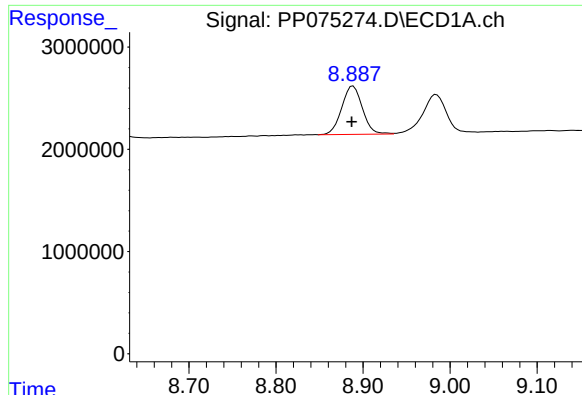
#2 Decachlorobiphenyl

R.T.: 10.438 min  
Delta R.T.: 0.000 min  
Response: 8054661  
Conc: 4.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 48956522  
Conc: 4.19 ng/ml



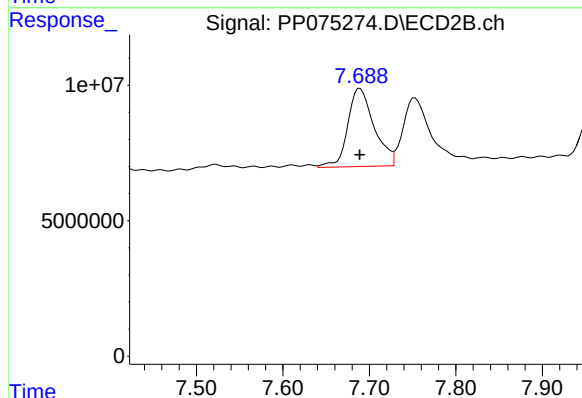
#41 AR-1268-1

R.T.: 8.887 min  
Delta R.T.: 0.000 min  
Response: 7806652  
Conc: 48.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

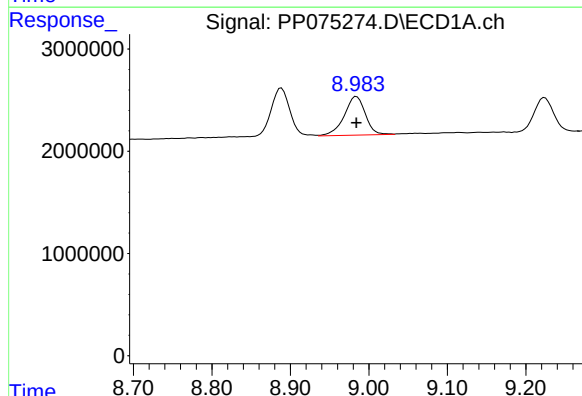
Manual Integrations  
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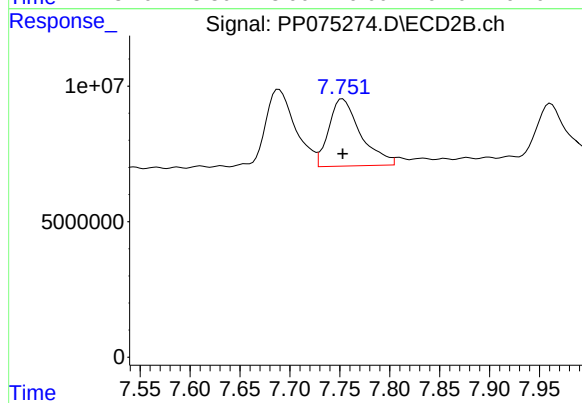
#41 AR-1268-1

R.T.: 7.689 min  
Delta R.T.: 0.000 min  
Response: 60962197  
Conc: 42.26 ng/ml



#42 AR-1268-2

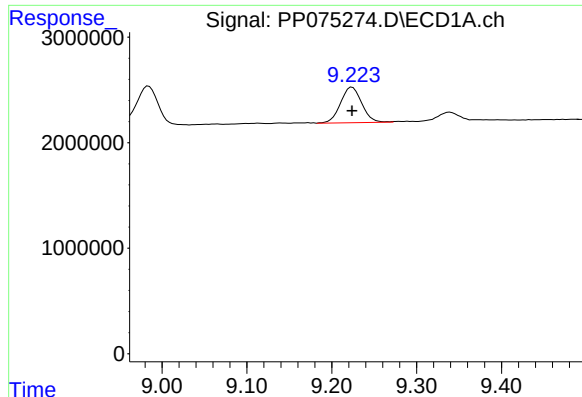
R.T.: 8.984 min  
Delta R.T.: 0.000 min  
Response: 7067403  
Conc: 47.64 ng/ml



#42 AR-1268-2

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 54955257  
Conc: 39.40 ng/ml





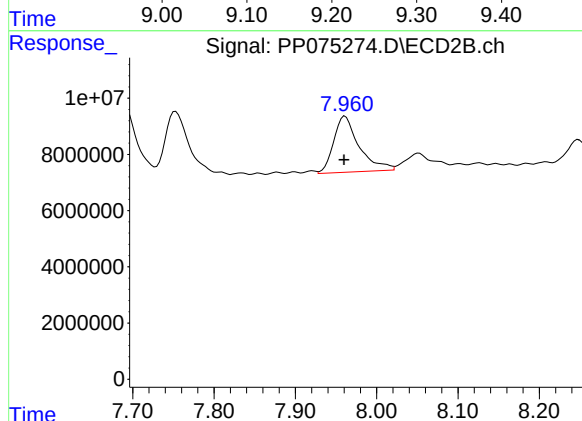
#43 AR-1268-3

R.T.: 9.224 min  
Delta R.T.: 0.000 min  
Response: 5848482  
Conc: 47.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

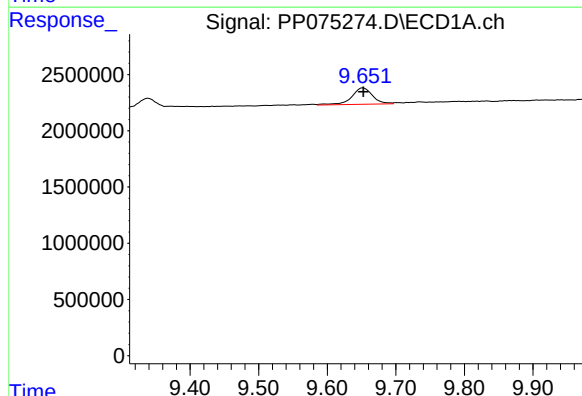
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



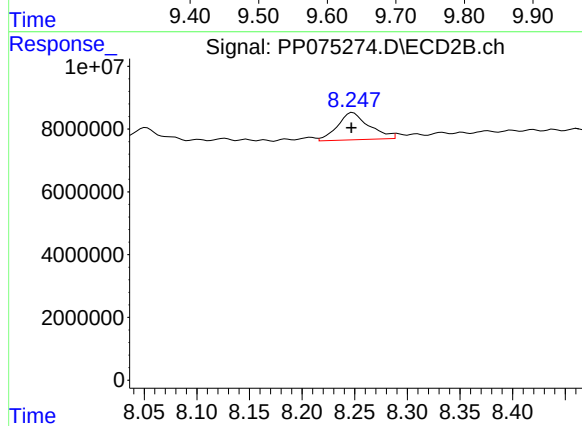
#43 AR-1268-3

R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 43468397  
Conc: 39.65 ng/ml m



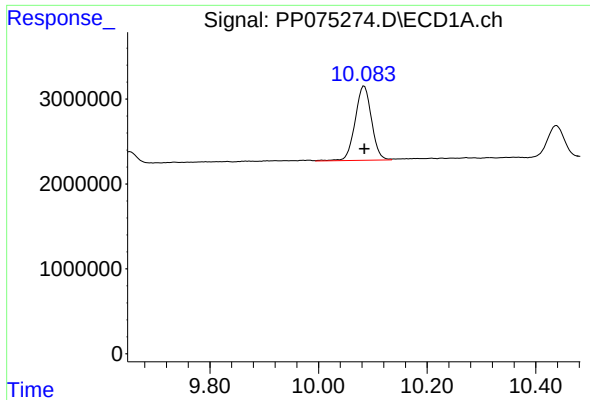
#44 AR-1268-4

R.T.: 9.653 min  
Delta R.T.: 0.000 min  
Response: 3041493  
Conc: 51.01 ng/ml



#44 AR-1268-4

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 18125694  
Conc: 40.75 ng/ml m



#45 AR-1268-5

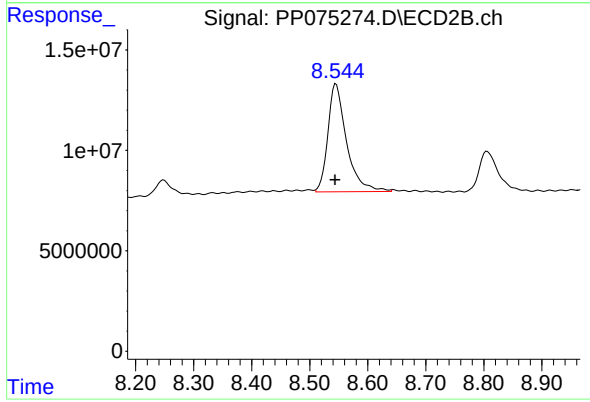
ICAL Form

R.T.: 10.084 min  
Delta R.T.: 0.000 min  
Response: 18331022  
Conc: 47.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



#45 AR-1268-5

R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 119998424  
Conc: 39.46 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075275.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 17:46  
 Operator : YP\AJ  
 Sample : PP092325ICV500  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP092325

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 18:28:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 17:43:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.663  | 3.799 | 70190259 | 330.4E6  | 53.643  | 54.154  |
| 2) SA Decachlor...          | 10.445 | 8.804 | 53037838 | 358.3E6  | 53.168  | 59.392m |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.815  | 4.896 | 25480532 | 304.2E6  | 529.688 | 542.185 |
| 4) L1 AR-1016-2             | 5.836  | 4.953 | 36891066 | 135.1E6  | 514.315 | 525.487 |
| 5) L1 AR-1016-3             | 5.899  | 5.073 | 23781479 | 76410296 | 511.091 | 492.118 |
| 6) L1 AR-1016-4             | 5.996  | 5.114 | 19445011 | 76331861 | 545.646 | 519.377 |
| 7) L1 AR-1016-5             | 6.289  | 5.328 | 18500980 | 85017958 | 548.644 | 520.362 |
| 31) L7 AR-1260-1            | 7.406  | 6.357 | 33314276 | 213.7E6  | 554.134 | 526.554 |
| 32) L7 AR-1260-2            | 7.659  | 6.543 | 39216271 | 298.7E6  | 538.700 | 518.643 |
| 33) L7 AR-1260-3            | 8.017  | 6.697 | 31022586 | 223.0E6  | 572.952 | 520.892 |
| 34) L7 AR-1260-4            | 8.245  | 7.166 | 33773955 | 216.2E6  | 597.376 | 501.440 |
| 35) L7 AR-1260-5            | 8.571  | 7.405 | 61446307 | 573.0E6  | 559.578 | 544.665 |
| -----                       |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075275.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 17:46  
Operator : YP\AJ  
Sample : PP092325ICV500  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

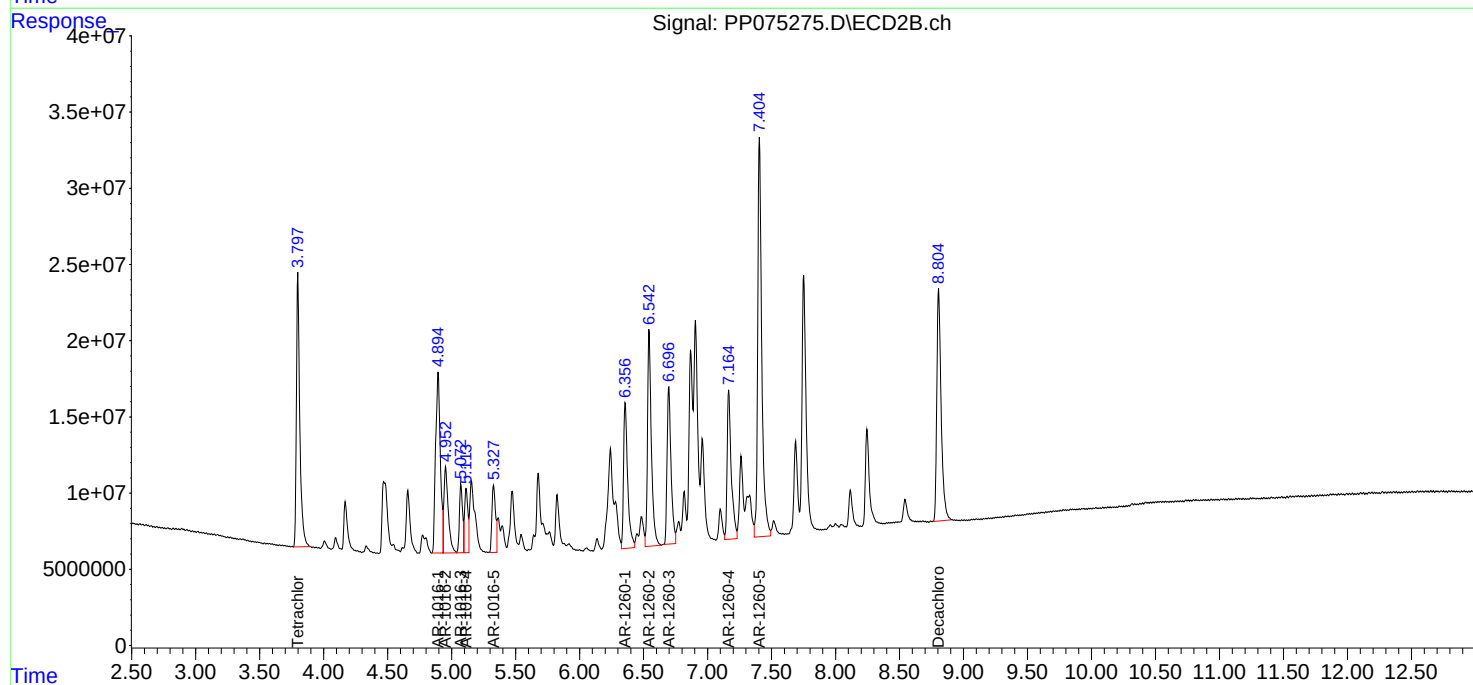
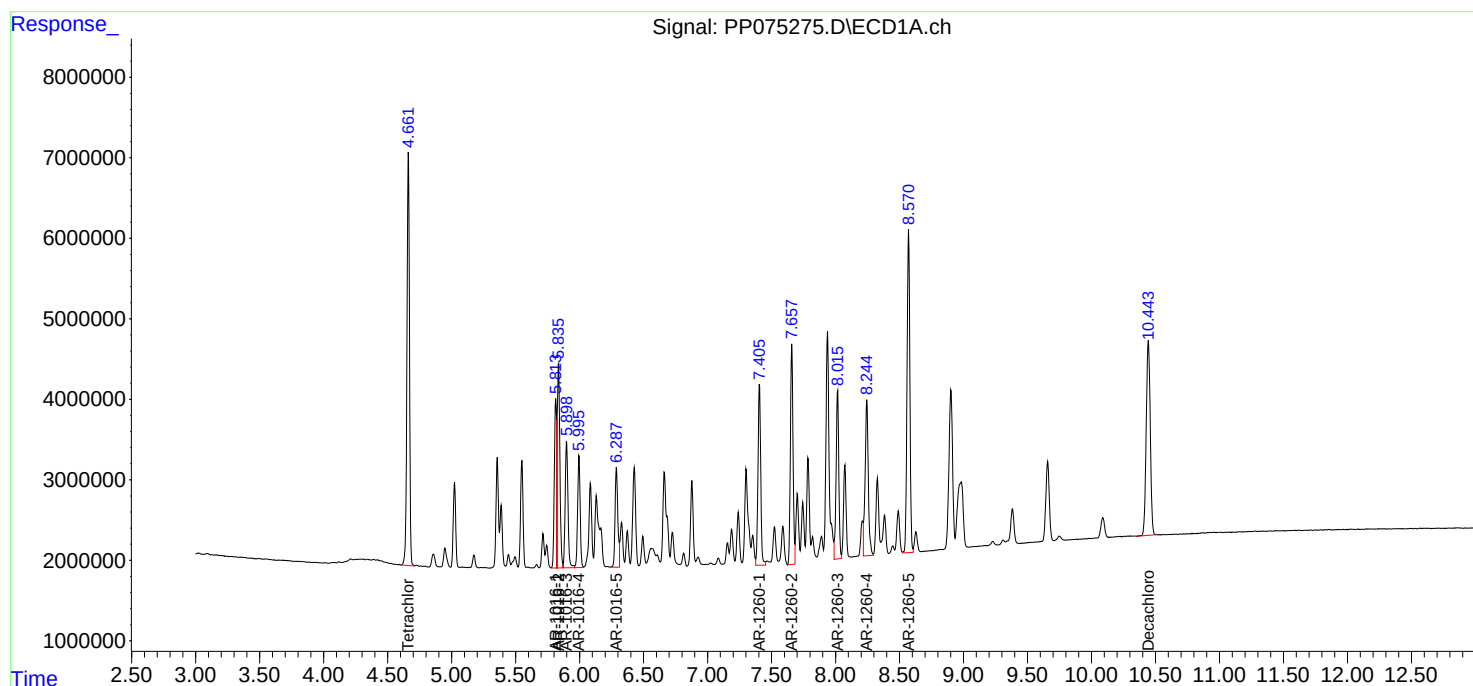
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

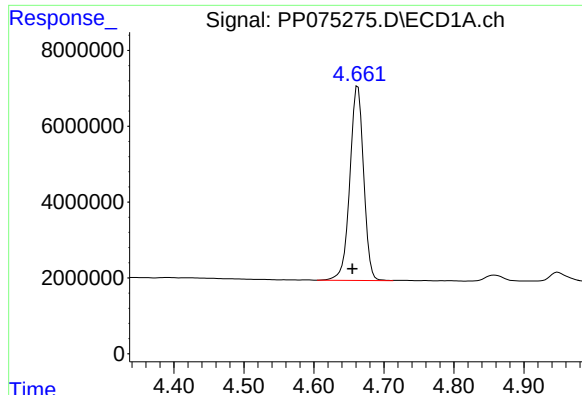
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 18:28:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:43:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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.: 4.663 min  
Delta R.T.: 0.008 min  
Response: 70190259  
Conc: 53.64 ng/ml

Instrument :

ECD\_P

ClientSampleId :

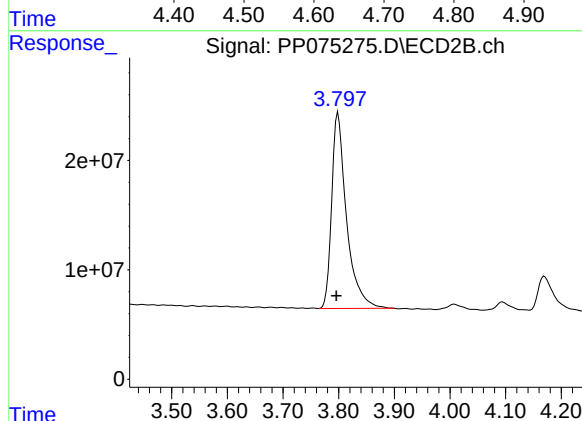
ICVPP092325

## Manual Integrations

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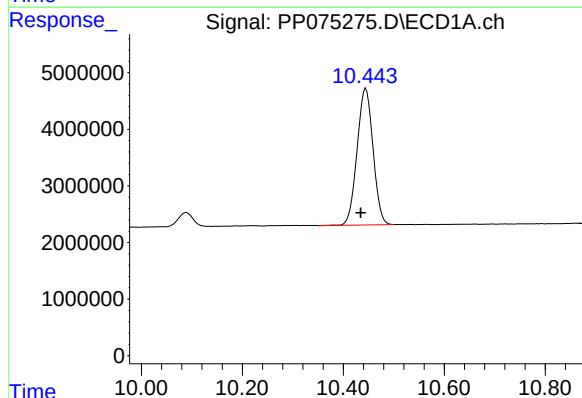
Reviewed By :Yogesh Patel 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



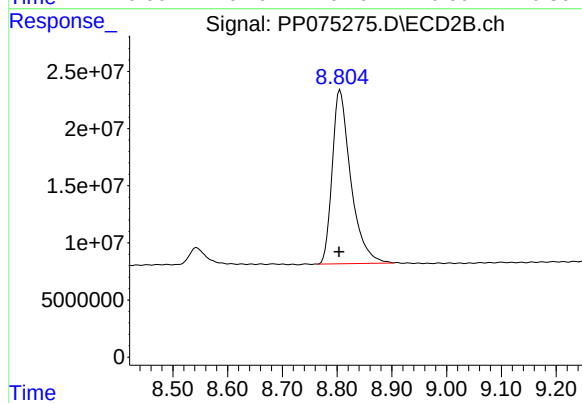
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.003 min  
Response: 330389764  
Conc: 54.15 ng/ml



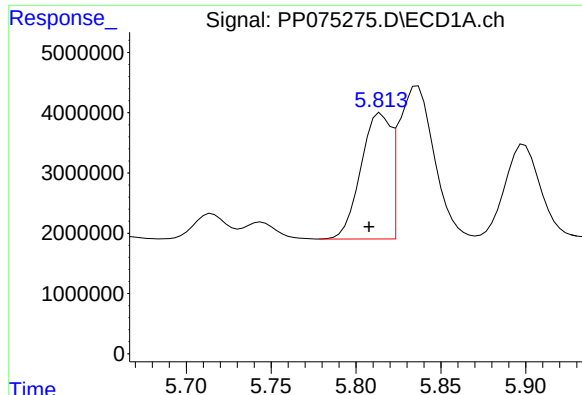
## #2 Decachlorobiphenyl

R.T.: 10.445 min  
Delta R.T.: 0.010 min  
Response: 53037838  
Conc: 53.17 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.804 min  
Delta R.T.: 0.000 min  
Response: 358284034  
Conc: 59.39 ng/ml m



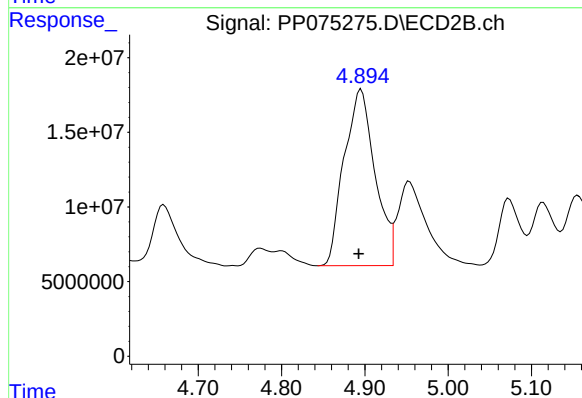
#3 AR-1016-1

R.T.: 5.815 min  
Delta R.T.: 0.007 min  
Response: 25480532  
Conc: 529.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

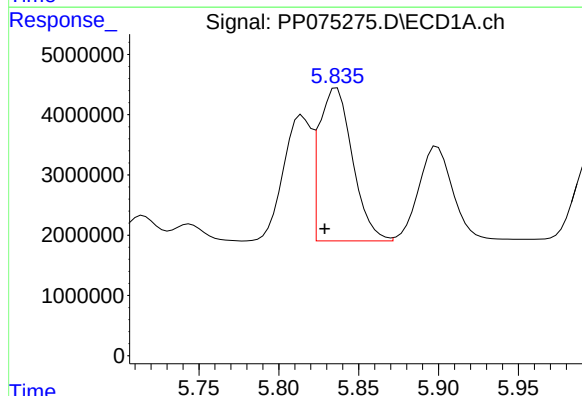
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



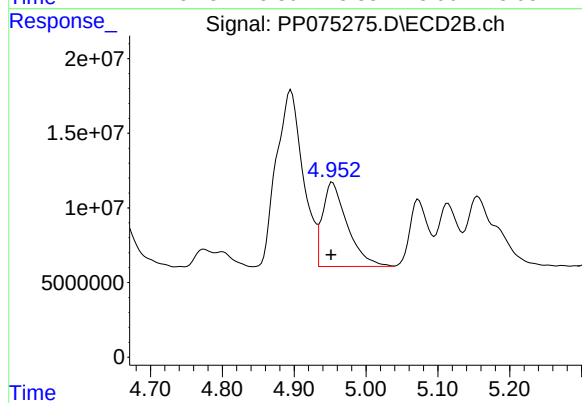
#3 AR-1016-1

R.T.: 4.896 min  
Delta R.T.: 0.003 min  
Response: 304173227  
Conc: 542.19 ng/ml



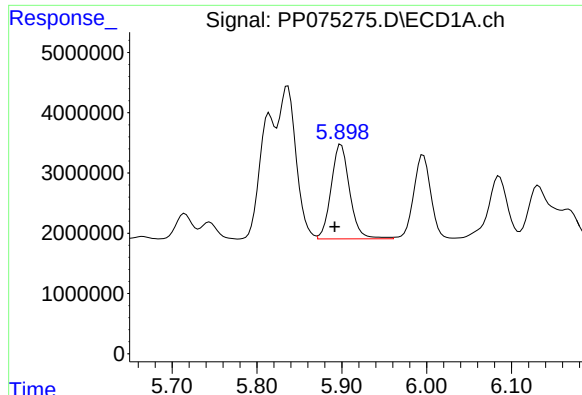
#4 AR-1016-2

R.T.: 5.836 min  
Delta R.T.: 0.008 min  
Response: 36891066  
Conc: 514.31 ng/ml



#4 AR-1016-2

R.T.: 4.953 min  
Delta R.T.: 0.002 min  
Response: 135051180  
Conc: 525.49 ng/ml



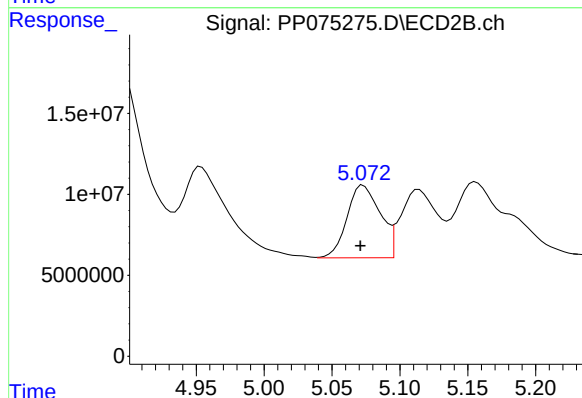
#5 AR-1016-3

R.T.: 5.899 min  
Delta R.T.: 0.007 min  
Response: 23781479  
Conc: 511.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

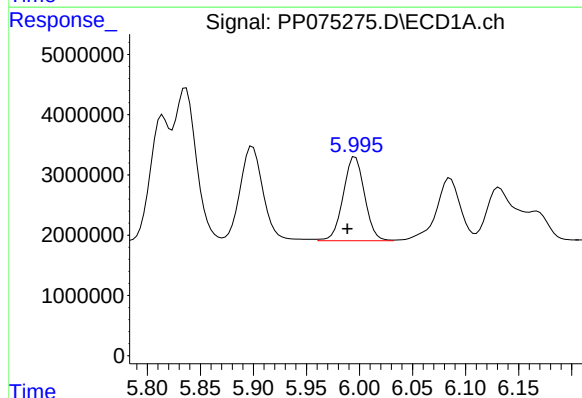
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



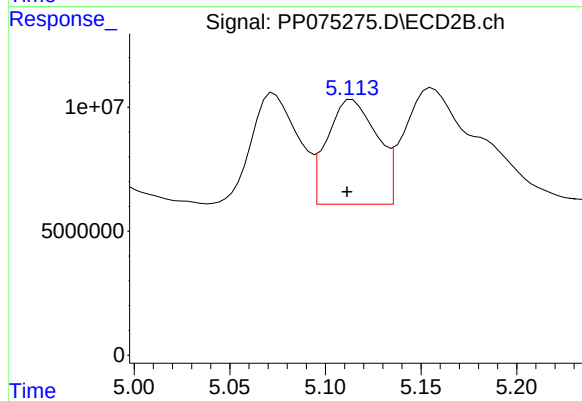
#5 AR-1016-3

R.T.: 5.073 min  
Delta R.T.: 0.002 min  
Response: 76410296  
Conc: 492.12 ng/ml



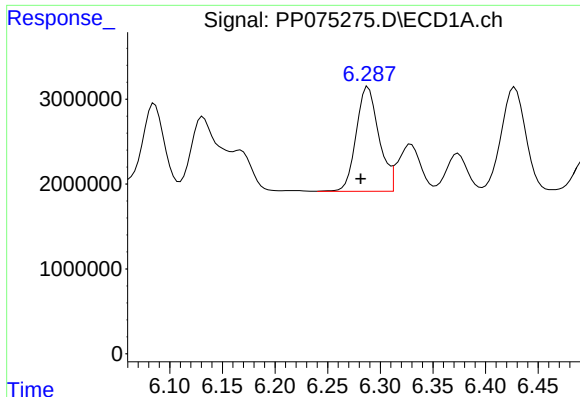
#6 AR-1016-4

R.T.: 5.996 min  
Delta R.T.: 0.007 min  
Response: 19445011  
Conc: 545.65 ng/ml



#6 AR-1016-4

R.T.: 5.114 min  
Delta R.T.: 0.003 min  
Response: 76331861  
Conc: 519.38 ng/ml



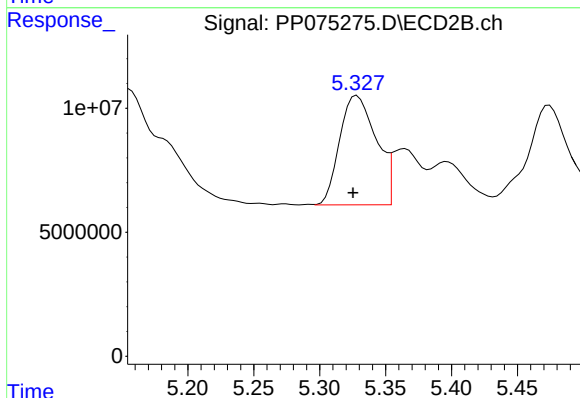
#7 AR-1016-5

R.T.: 6.289 min  
Delta R.T.: 0.007 min  
Response: 18500980  
Conc: 548.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

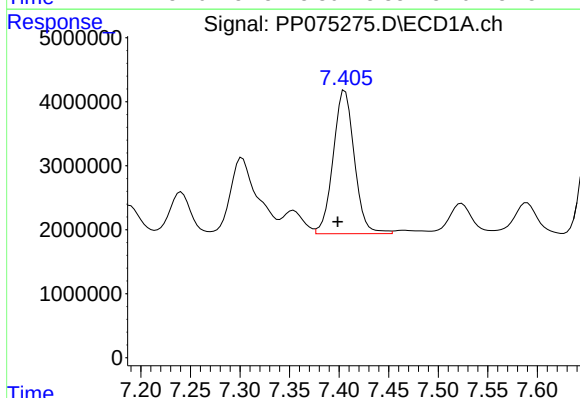
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



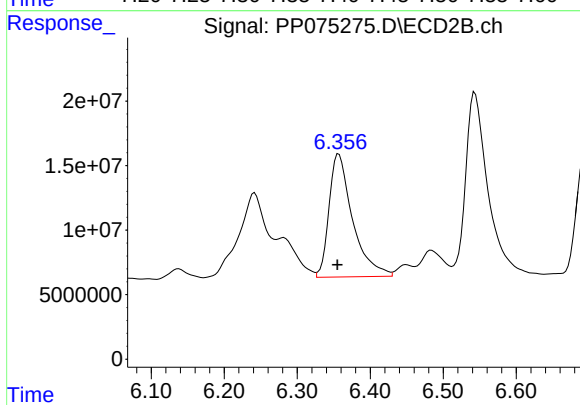
#7 AR-1016-5

R.T.: 5.328 min  
Delta R.T.: 0.003 min  
Response: 85017958  
Conc: 520.36 ng/ml



#31 AR-1260-1

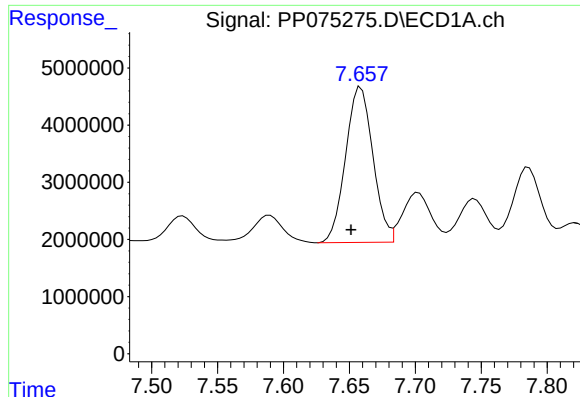
R.T.: 7.406 min  
Delta R.T.: 0.007 min  
Response: 33314276  
Conc: 554.13 ng/ml



#31 AR-1260-1

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 213746874  
Conc: 526.55 ng/ml





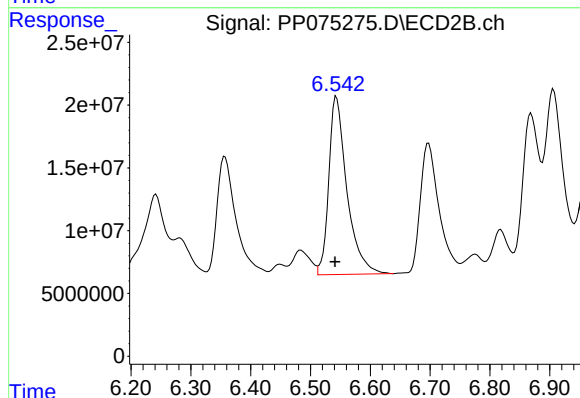
#32 AR-1260-2

R.T.: 7.659 min  
Delta R.T.: 0.007 min  
Response: 39216271  
Conc: 538.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

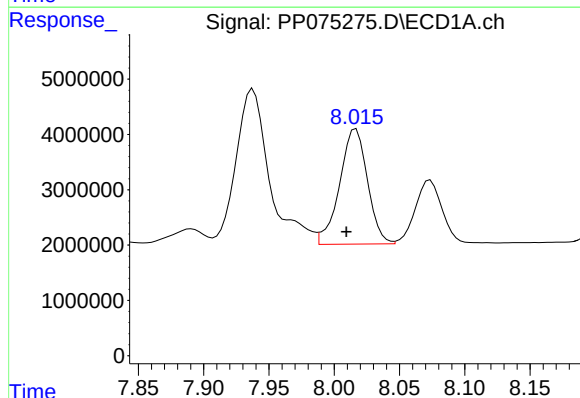
Manual Integrations  
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Supervised By :mohammad ahmed 09/25/2025



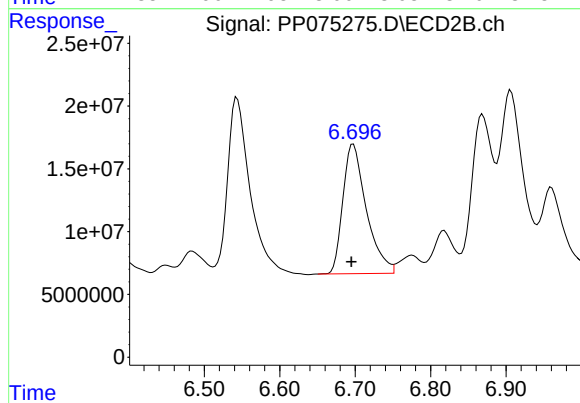
#32 AR-1260-2

R.T.: 6.543 min  
Delta R.T.: 0.002 min  
Response: 298650131  
Conc: 518.64 ng/ml



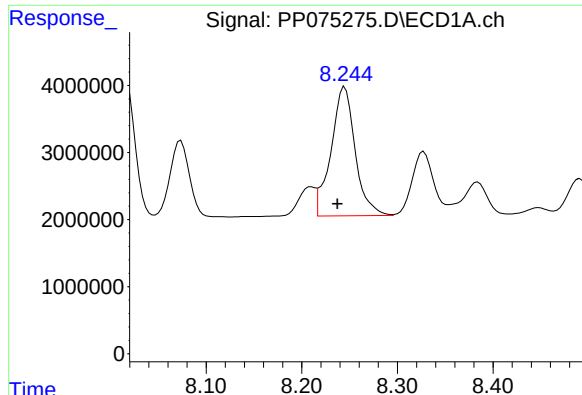
#33 AR-1260-3

R.T.: 8.017 min  
Delta R.T.: 0.007 min  
Response: 31022586  
Conc: 572.95 ng/ml



#33 AR-1260-3

R.T.: 6.697 min  
Delta R.T.: 0.002 min  
Response: 222985953  
Conc: 520.89 ng/ml



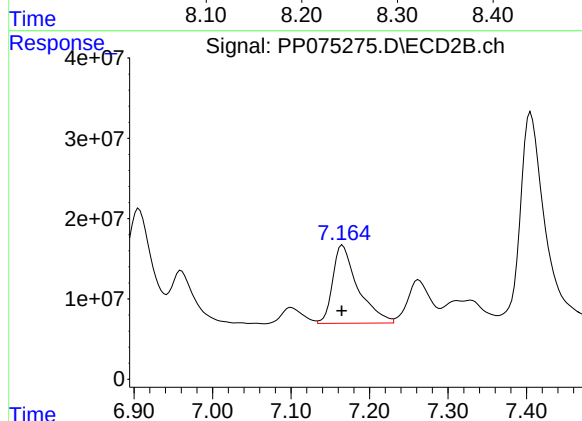
#34 AR-1260-4

R.T.: 8.245 min  
Delta R.T.: 0.008 min  
Response: 33773955  
Conc: 597.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325

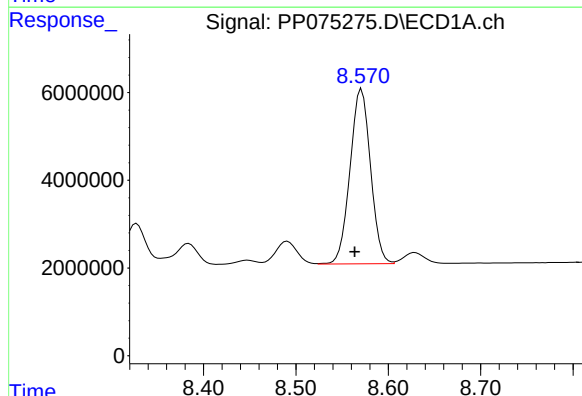
Manual Integrations  
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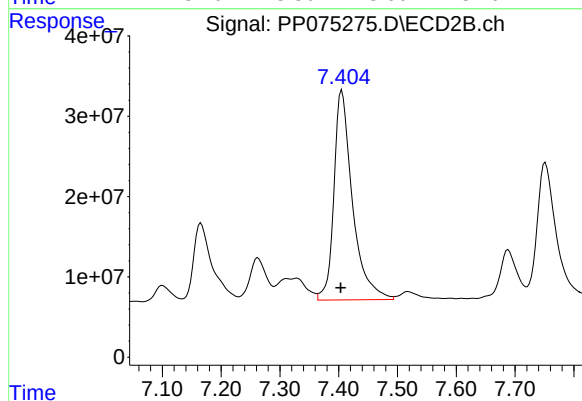
#34 AR-1260-4

R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 216232762  
Conc: 501.44 ng/ml



#35 AR-1260-5

R.T.: 8.571 min  
Delta R.T.: 0.008 min  
Response: 61446307  
Conc: 559.58 ng/ml



#35 AR-1260-5

R.T.: 7.405 min  
Delta R.T.: 0.002 min  
Response: 572980909  
Conc: 544.66 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075276.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 18:35  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP092325AR1242

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 04:35:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 17:43:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.660  | 3.799 | 69296262 | 322.8E6  | 52.959  | 52.905   |
| 2) SA Decachlor...          | 10.440 | 8.803 | 52620761 | 359.1E6  | 52.750  | 59.525m  |
| Target Compounds            |        |       |          |          |         |          |
| 16) L4 AR-1242-1            | 5.812  | 4.896 | 21512826 | 253.0E6  | 516.394 | 541.693  |
| 17) L4 AR-1242-2            | 5.834  | 4.954 | 31427273 | 115.0E6  | 526.973 | 550.426  |
| 18) L4 AR-1242-3            | 5.897  | 5.074 | 20323849 | 64997022 | 502.739 | 532.921  |
| 19) L4 AR-1242-4            | 5.993  | 5.155 | 16403438 | 83515061 | 521.837 | 524.950m |
| 20) L4 AR-1242-5            | 6.723  | 5.676 | 18943732 | 103.0E6  | 538.853 | 528.983  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075276.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 18:35  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

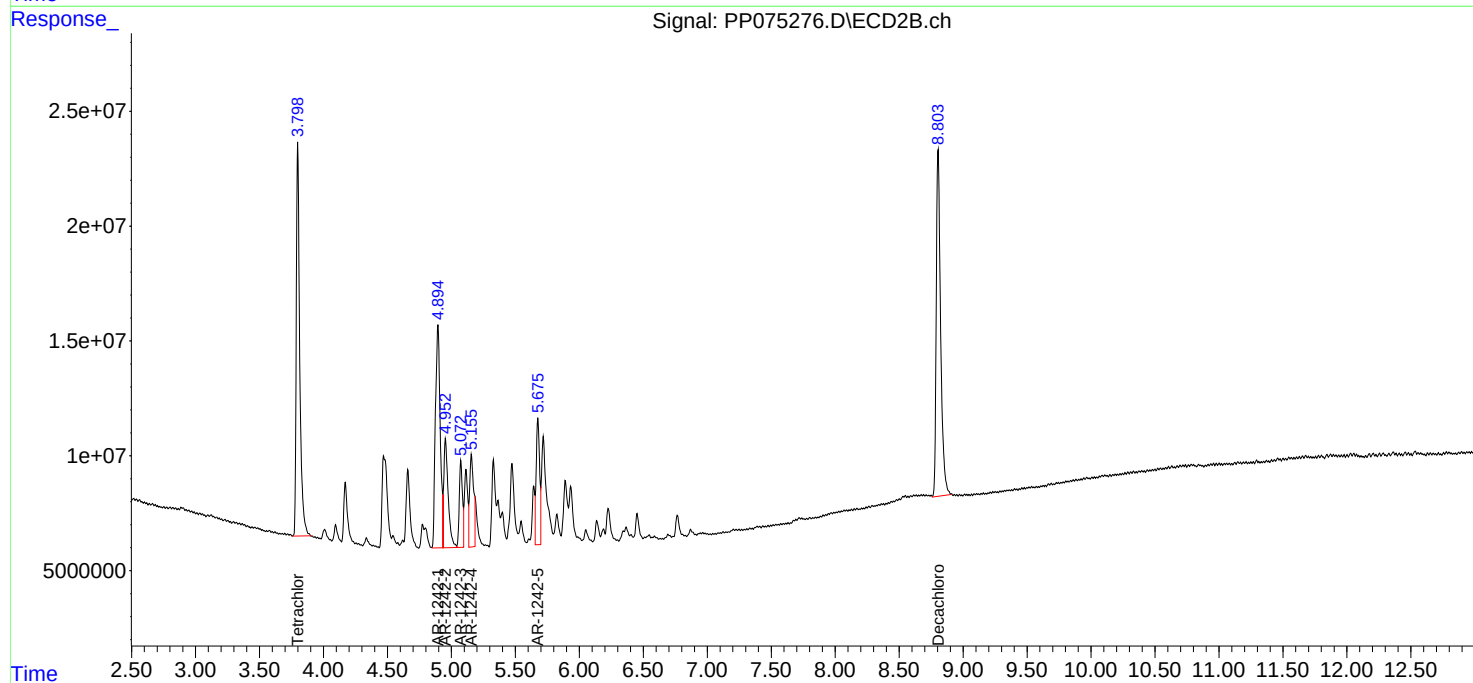
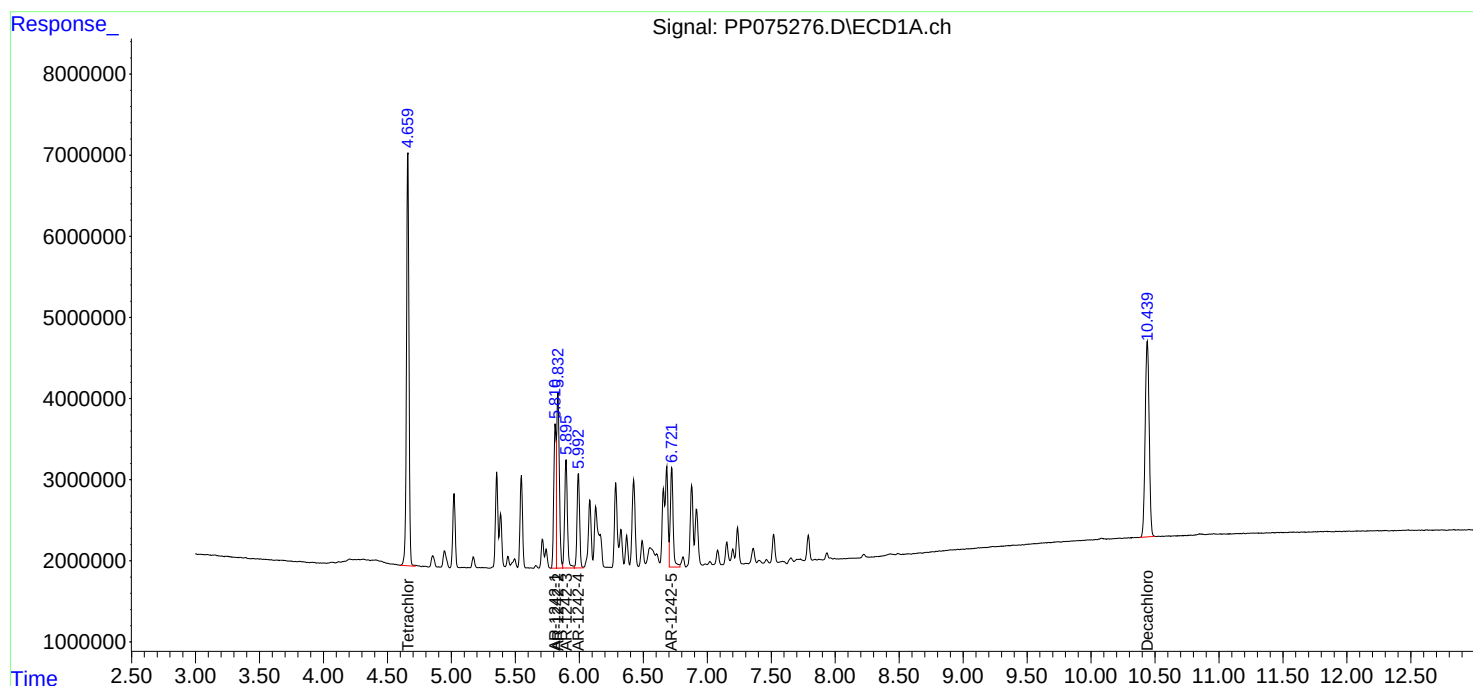
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1242

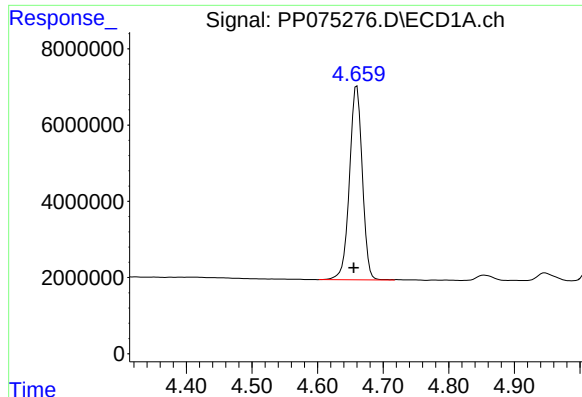
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 04:35:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:43:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





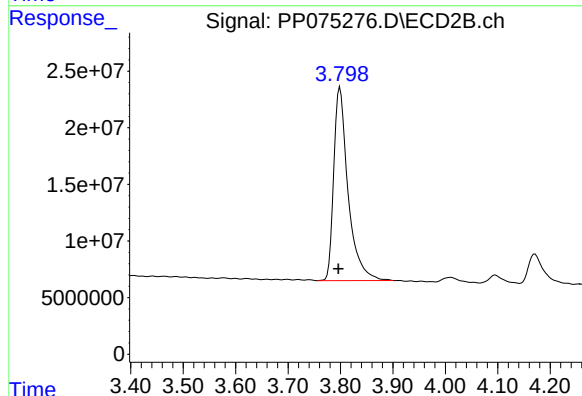
## #1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.005 min  
Response: 69296262  
Conc: 52.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1242

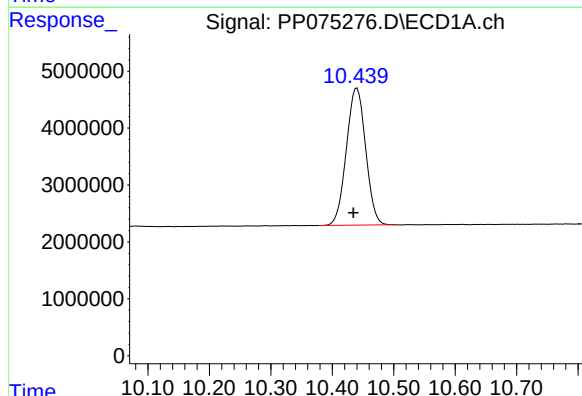
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



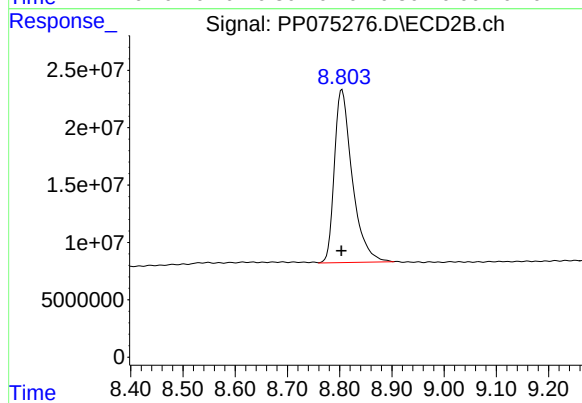
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.003 min  
Response: 322766613  
Conc: 52.90 ng/ml



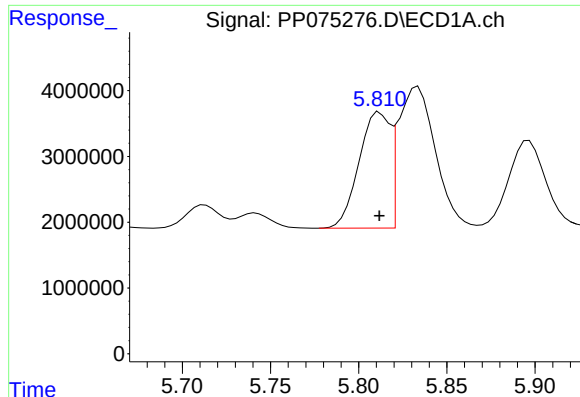
## #2 Decachlorobiphenyl

R.T.: 10.440 min  
Delta R.T.: 0.006 min  
Response: 52620761  
Conc: 52.75 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.803 min  
Delta R.T.: 0.000 min  
Response: 359083335  
Conc: 59.52 ng/ml m



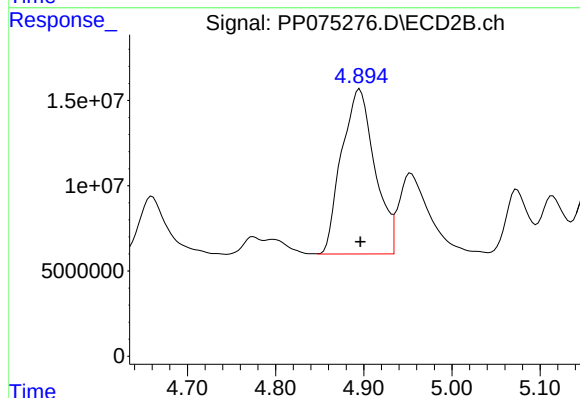
#16 AR-1242-1

R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 21512826  
Conc: 516.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1242

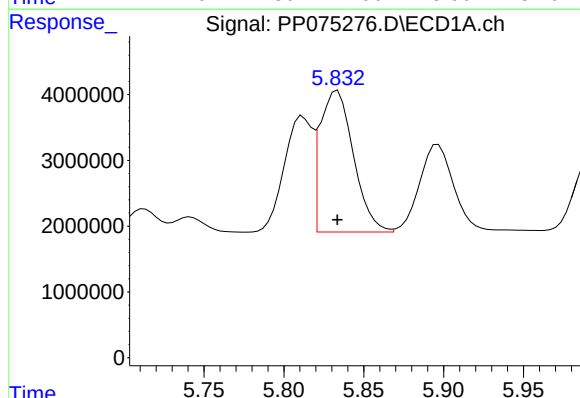
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



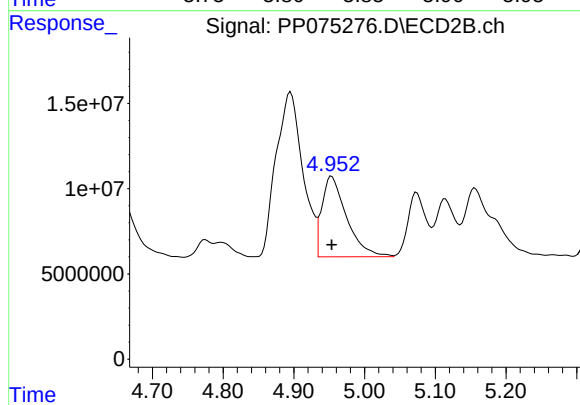
#16 AR-1242-1

R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 253035792  
Conc: 541.69 ng/ml



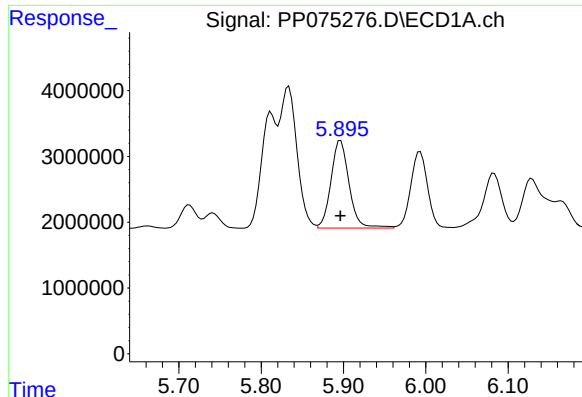
#17 AR-1242-2

R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 31427273  
Conc: 526.97 ng/ml



#17 AR-1242-2

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 115015732  
Conc: 550.43 ng/ml



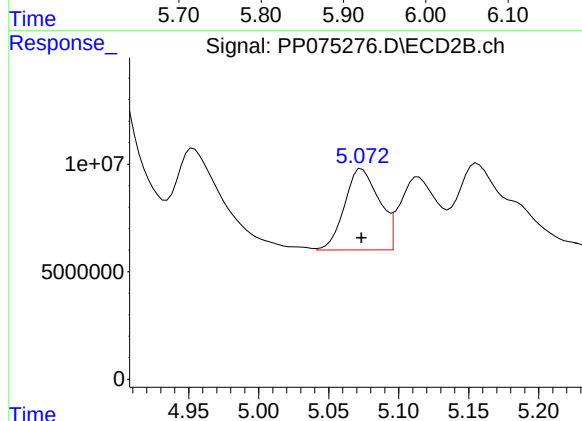
#18 AR-1242-3

R.T.: 5.897 min  
Delta R.T.: 0.000 min  
Response: 20323849  
Conc: 502.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1242

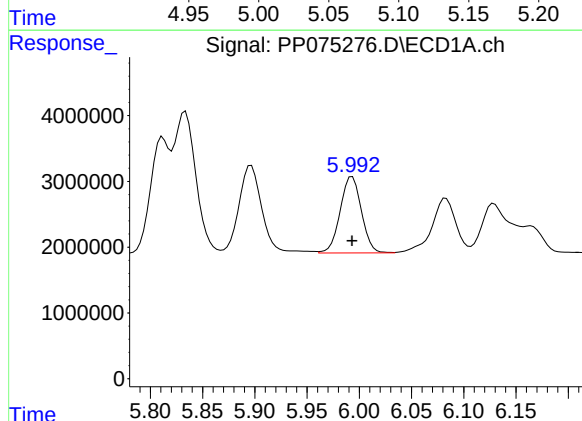
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



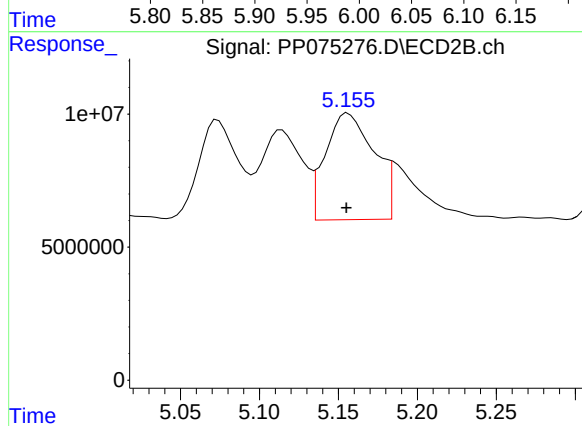
#18 AR-1242-3

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 64997022  
Conc: 532.92 ng/ml



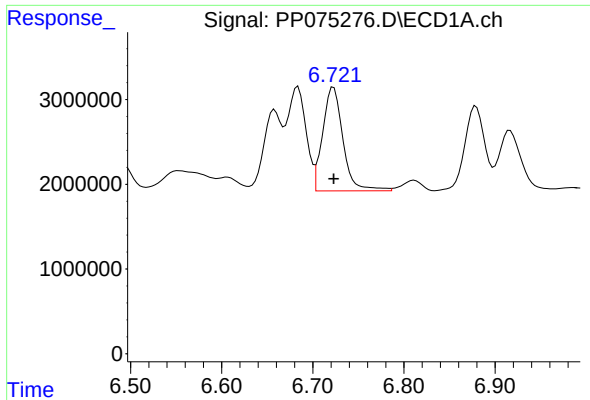
#19 AR-1242-4

R.T.: 5.993 min  
Delta R.T.: 0.000 min  
Response: 16403438  
Conc: 521.84 ng/ml



#19 AR-1242-4

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 83515061  
Conc: 524.95 ng/ml m



#20 AR-1242-5

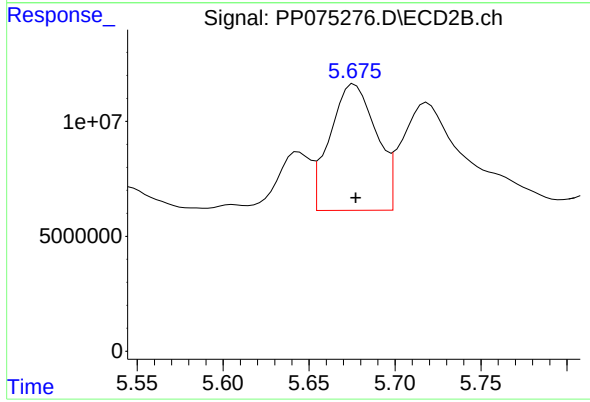
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 18943732  
Conc: 538.85 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1242

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



#20 AR-1242-5

R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 102984369  
Conc: 528.98 ng/ml



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075277.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 19:08  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP092325AR1248

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 04:30:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 23 17:43:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.660  | 3.798 | 67690061 | 321.9E6 | 51.732  | 52.757   |
| 2) SA Decachlor...          | 10.441 | 8.804 | 52715950 | 361.4E6 | 52.846  | 59.916m  |
| Target Compounds            |        |       |          |         |         |          |
| 21) L5 AR-1248-1            | 5.811  | 4.894 | 16390127 | 167.0E6 | 519.336 | 555.702  |
| 22) L5 AR-1248-2            | 6.082  | 5.114 | 22503142 | 105.0E6 | 518.888 | 518.581  |
| 23) L5 AR-1248-3            | 6.285  | 5.154 | 25155093 | 135.3E6 | 526.712 | 541.550m |
| 24) L5 AR-1248-4            | 6.683  | 5.327 | 30695144 | 119.4E6 | 519.272 | 513.196  |
| 25) L5 AR-1248-5            | 6.723  | 5.718 | 29807919 | 227.8E6 | 504.369 | 557.543  |
| -----                       |        |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075277.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 19:08  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

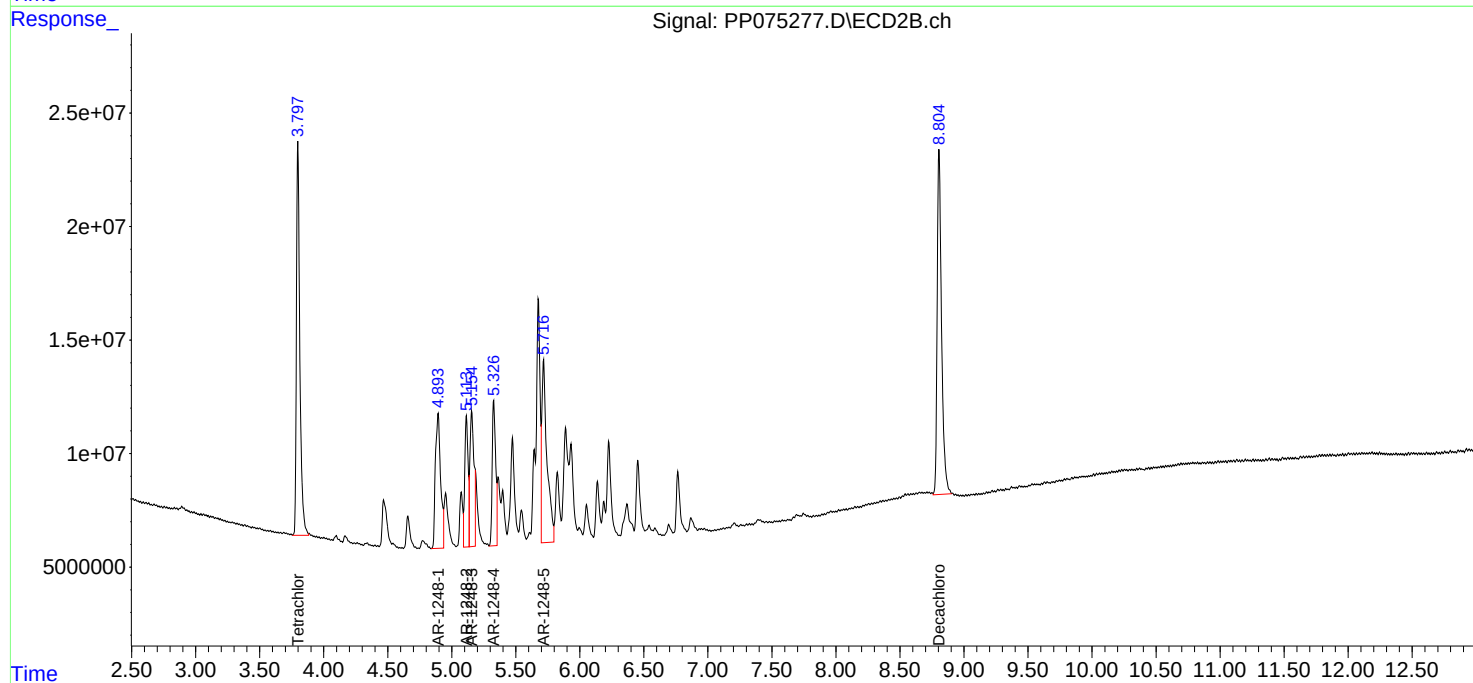
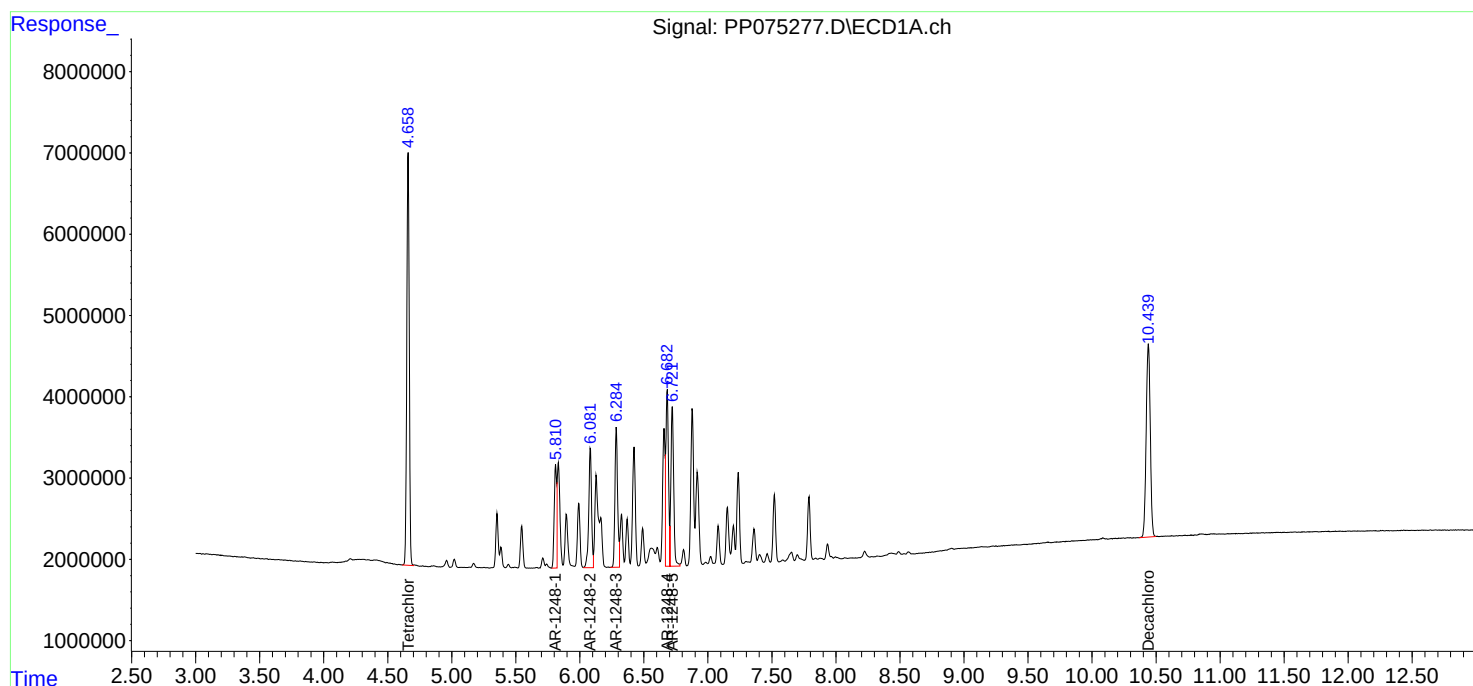
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1248

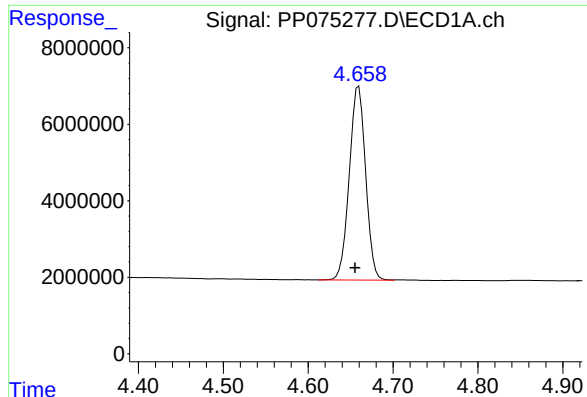
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 04:30:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:43:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





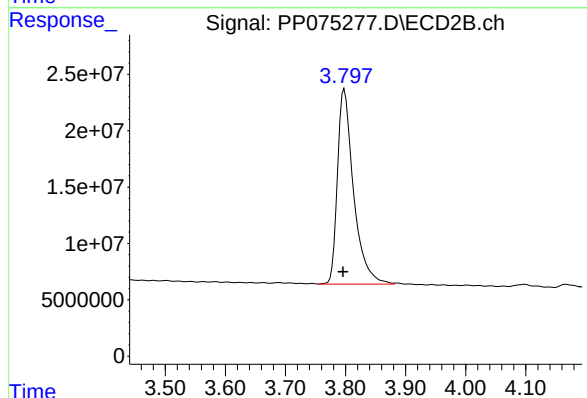
## #1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.005 min  
Response: 67690061  
Conc: 51.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1248

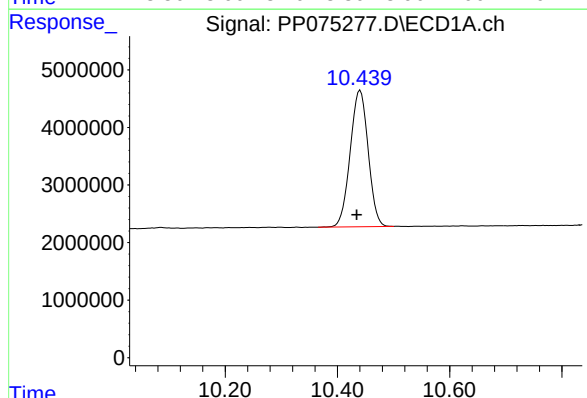
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



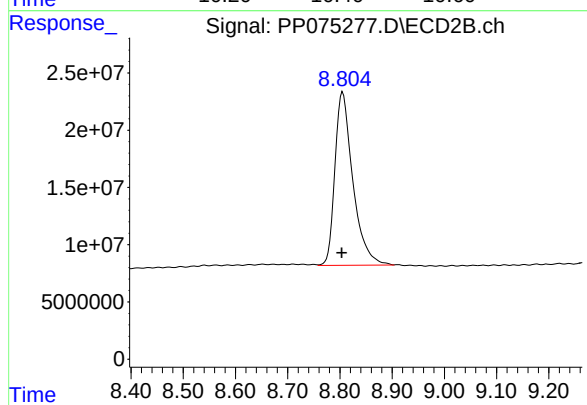
## #1 Tetrachloro-m-xylene

R.T.: 3.798 min  
Delta R.T.: 0.002 min  
Response: 321866586  
Conc: 52.76 ng/ml



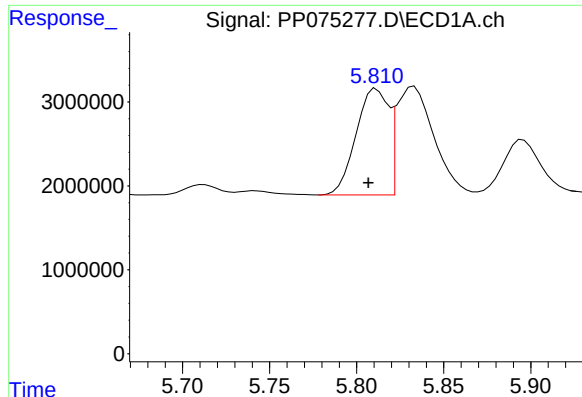
## #2 Decachlorobiphenyl

R.T.: 10.441 min  
Delta R.T.: 0.006 min  
Response: 52715950  
Conc: 52.85 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.804 min  
Delta R.T.: 0.000 min  
Response: 361445303  
Conc: 59.92 ng/ml m



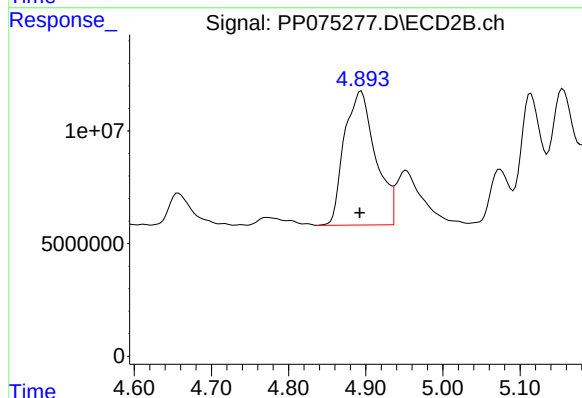
#21 AR-1248-1

R.T.: 5.811 min  
Delta R.T.: 0.005 min  
Response: 16390127  
Conc: 519.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1248

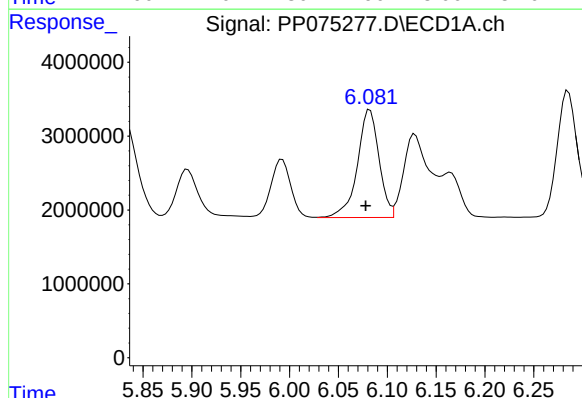
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



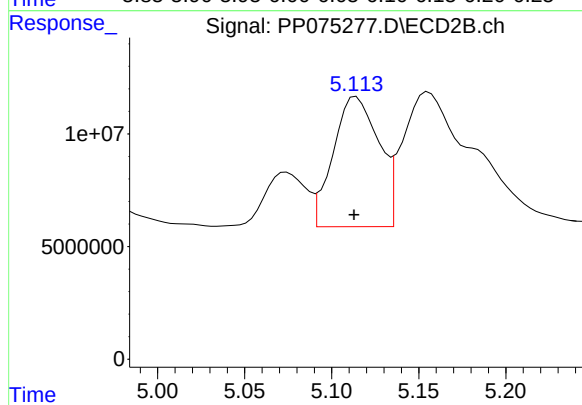
#21 AR-1248-1

R.T.: 4.894 min  
Delta R.T.: 0.002 min  
Response: 166969869  
Conc: 555.70 ng/ml



#22 AR-1248-2

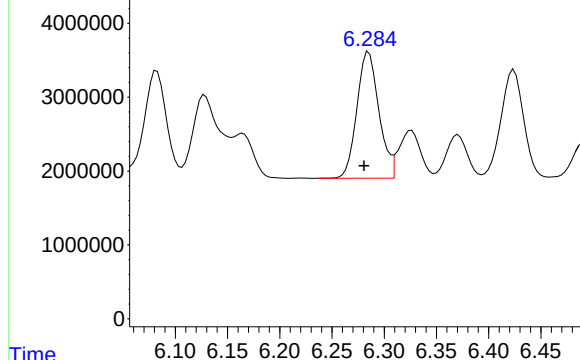
R.T.: 6.082 min  
Delta R.T.: 0.004 min  
Response: 22503142  
Conc: 518.89 ng/ml



#22 AR-1248-2

R.T.: 5.114 min  
Delta R.T.: 0.001 min  
Response: 105001722  
Conc: 518.58 ng/ml

Response\_ Signal: PP075277.D\ECD1A.ch



#23 AR-1248-3

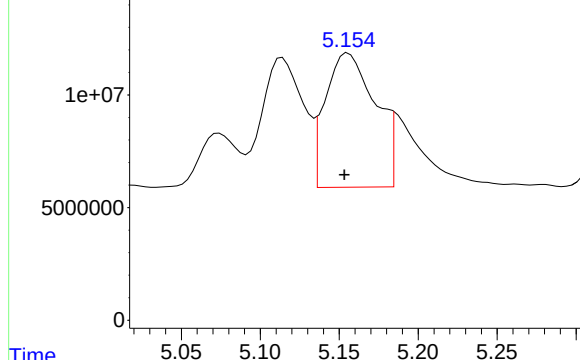
R.T.: 6.285 min  
Delta R.T.: 0.004 min  
Response: 25155093  
Conc: 526.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1248

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

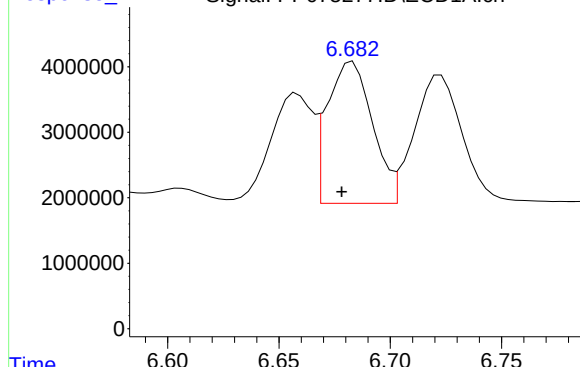
Time Response\_ Signal: PP075277.D\ECD2B.ch



#23 AR-1248-3

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 135250085  
Conc: 541.55 ng/ml m

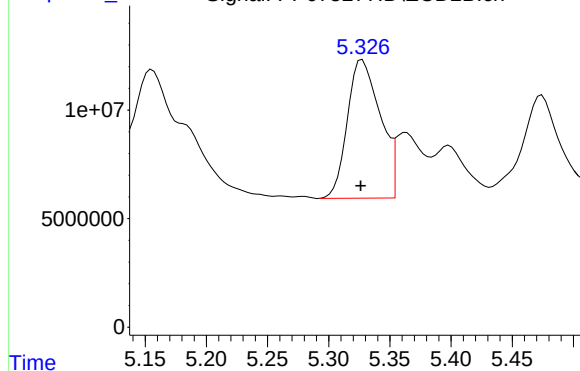
Time Response\_ Signal: PP075277.D\ECD1A.ch



#24 AR-1248-4

R.T.: 6.683 min  
Delta R.T.: 0.005 min  
Response: 30695144  
Conc: 519.27 ng/ml

Time Response\_ Signal: PP075277.D\ECD2B.ch



#24 AR-1248-4

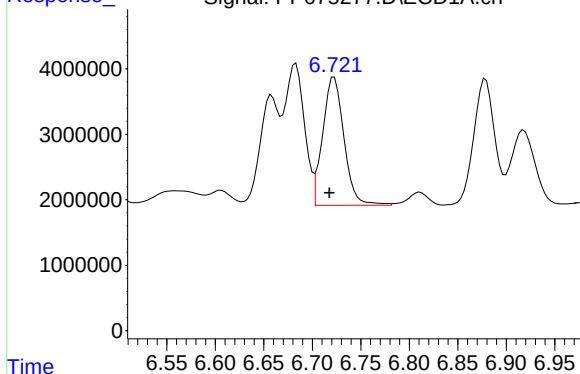
R.T.: 5.327 min  
Delta R.T.: 0.001 min  
Response: 119442983  
Conc: 513.20 ng/ml

Response\_

Signal: PP075277.D\ECD1A.ch

#25 AR-1248-5

ICAL Form



R.T.: 6.723 min  
Delta R.T.: 0.005 min  
Response: 29807919  
Conc: 504.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1248

Manual Integrations  
APPROVED

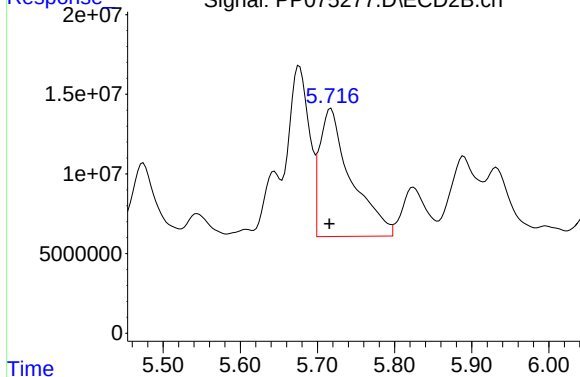
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Time

Response

Signal: PP075277.D\ECD2B.ch

#25 AR-1248-5



R.T.: 5.718 min  
Delta R.T.: 0.002 min  
Response: 227795946  
Conc: 557.54 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075278.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 19:40  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP092325AR1254

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 05:12:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 05:07:55 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...          | 4.660  | 3.799 | 68095844 | 321.3E6 | 52.042   | 52.664    |
| 2) SA Decachlor...          | 10.441 | 8.804 | 51811352 | 358.5E6 | 51.939   | 59.429m   |
| Target Compounds            |        |       |          |         |          |           |
| 26) L6 AR-1254-1            | 6.659  | 5.678 | 28467743 | 276.6E6 | 443.257m | 554.578 # |
| 27) L6 AR-1254-2            | 6.876  | 5.826 | 43938129 | 209.1E6 | 511.302  | 523.737   |
| 28) L6 AR-1254-3            | 7.238  | 6.227 | 46807513 | 363.2E6 | 506.453  | 546.317   |
| 29) L6 AR-1254-4            | 7.520  | 6.454 | 36595686 | 272.7E6 | 512.909  | 552.441   |
| 30) L6 AR-1254-5            | 7.936  | 6.870 | 43699326 | 290.3E6 | 534.174  | 508.619   |
| -----                       |        |       |          |         |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075278.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 19:40  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

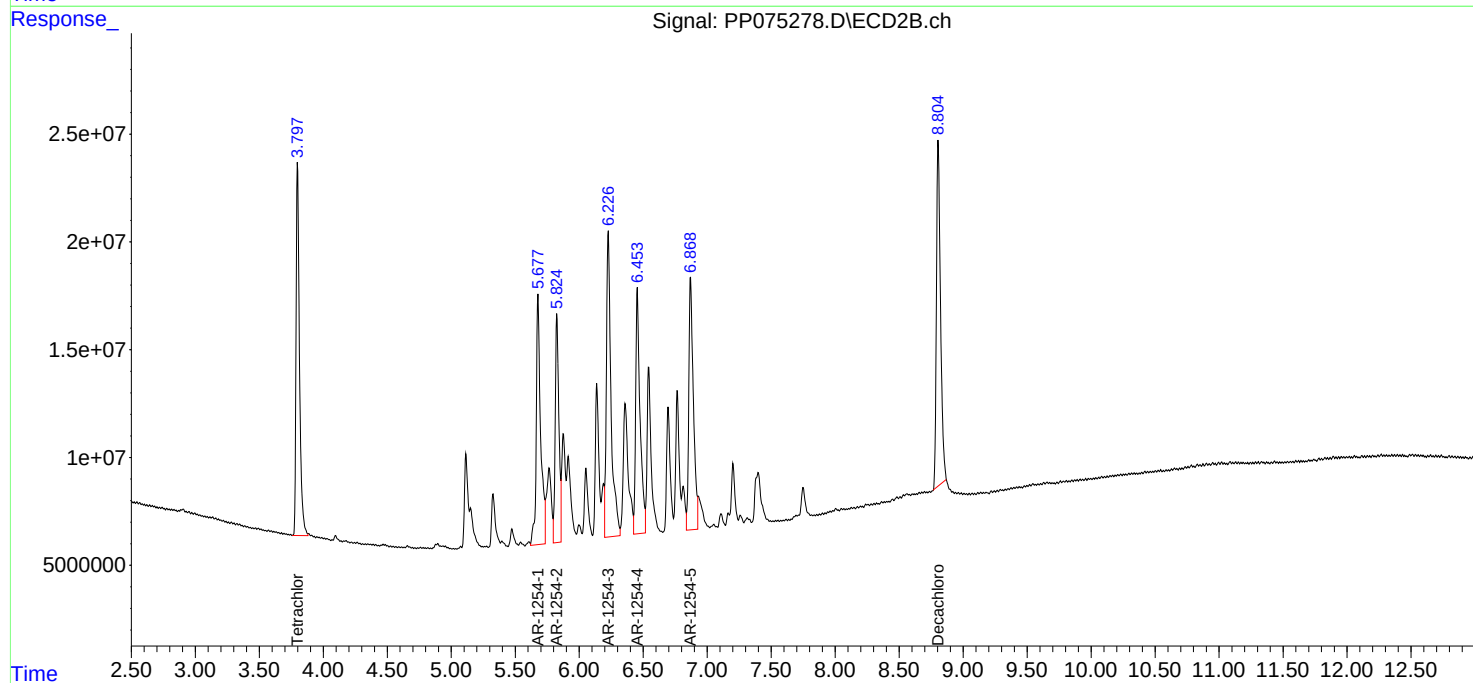
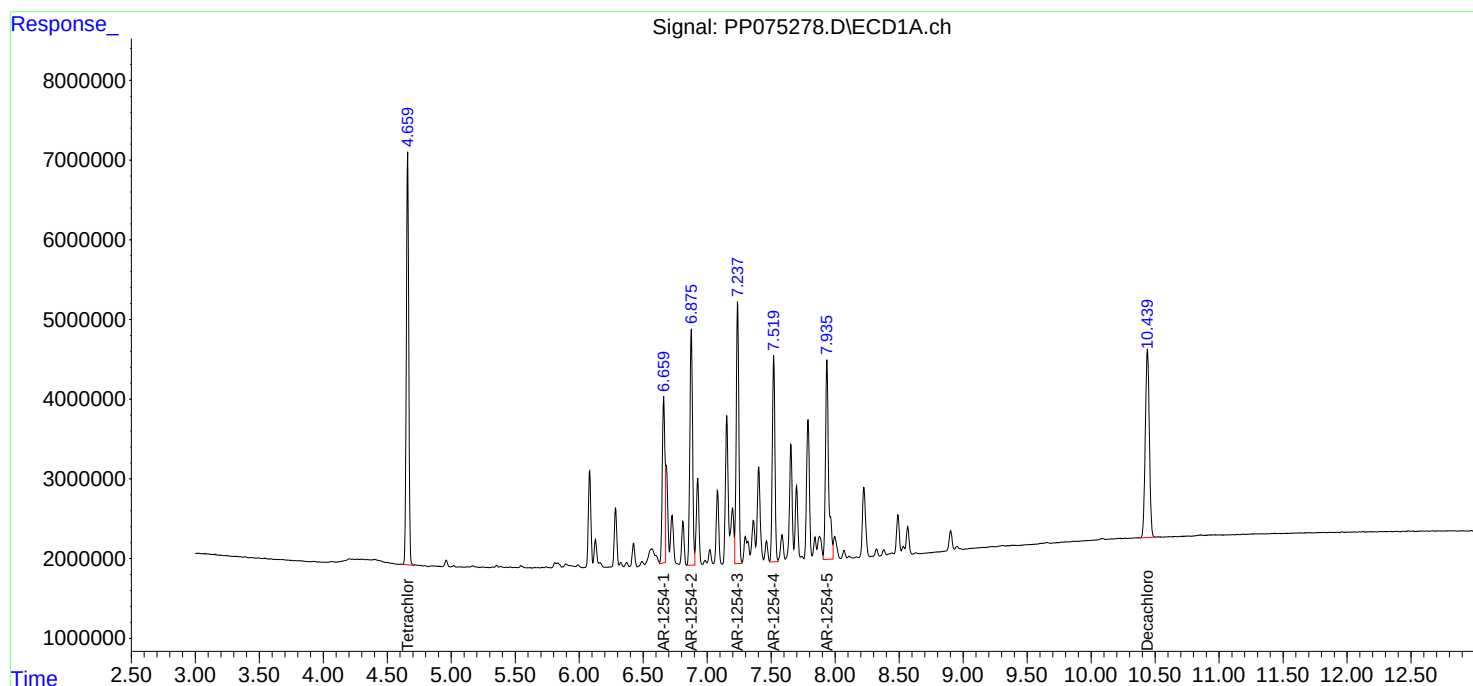
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1254

Manual Integrations  
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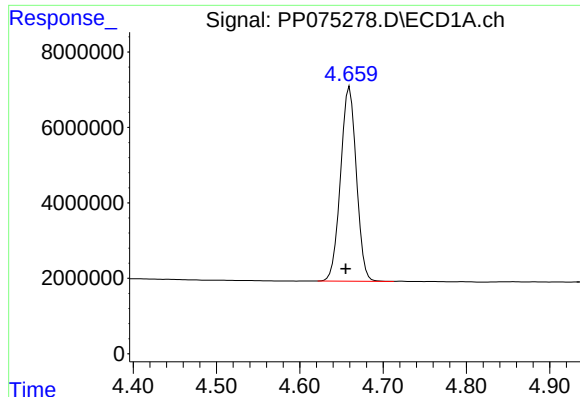
Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 05:12:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 05:07:55 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm







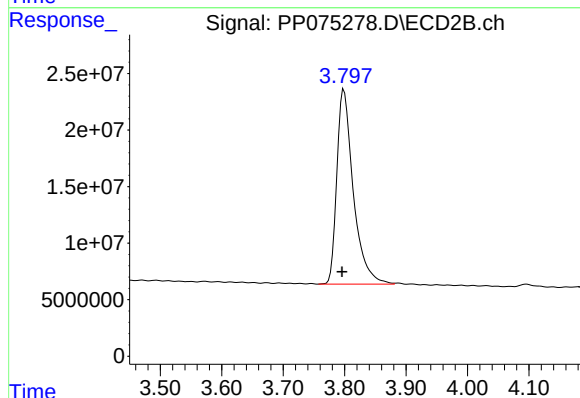
## #1 Tetrachloro-m-xylene

R.T.: 4.660 min  
Delta R.T.: 0.005 min  
Response: 68095844  
Conc: 52.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1254

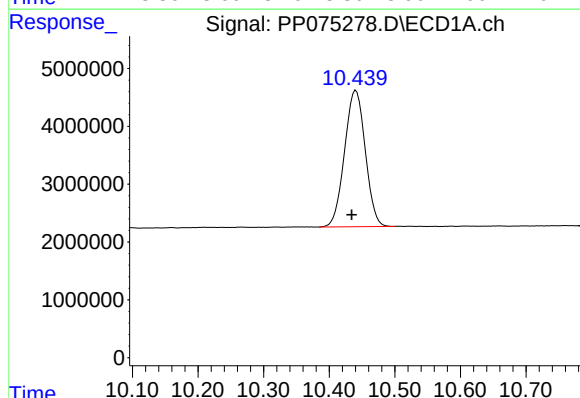
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



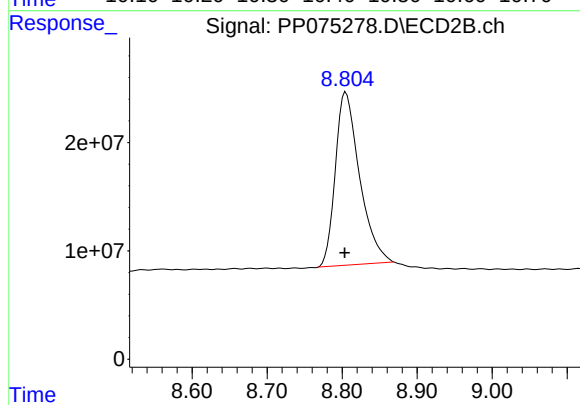
## #1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.003 min  
Response: 321296251  
Conc: 52.66 ng/ml



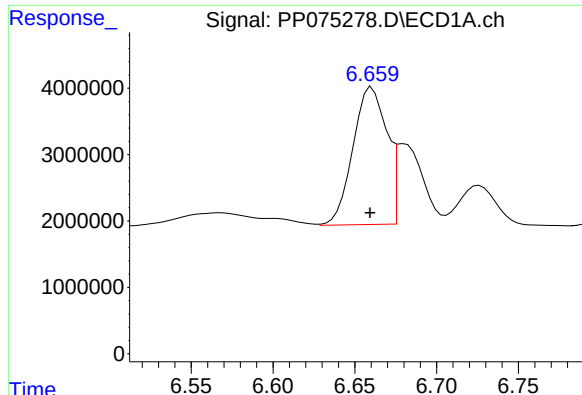
## #2 Decachlorobiphenyl

R.T.: 10.441 min  
Delta R.T.: 0.006 min  
Response: 51811352  
Conc: 51.94 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.804 min  
Delta R.T.: 0.000 min  
Response: 358504884  
Conc: 59.43 ng/ml m



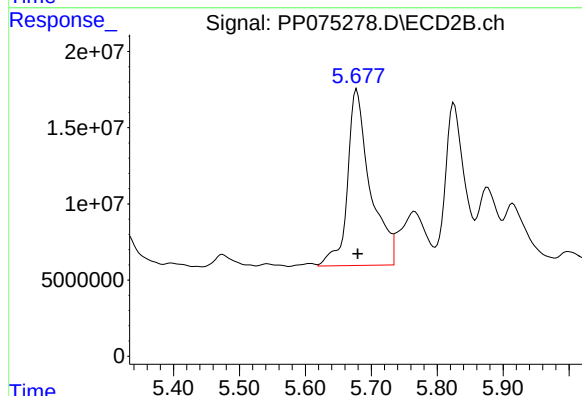
#26 AR-1254-1

R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 28467743  
Conc: 443.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1254

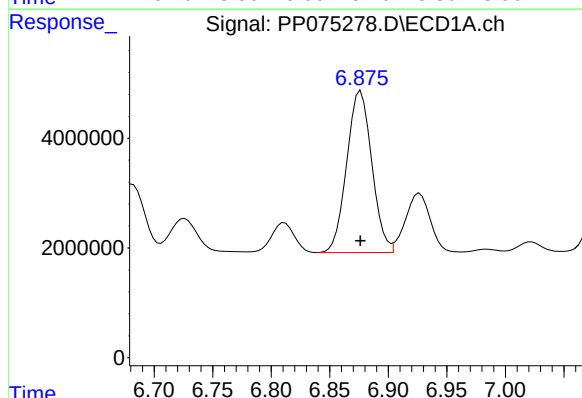
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



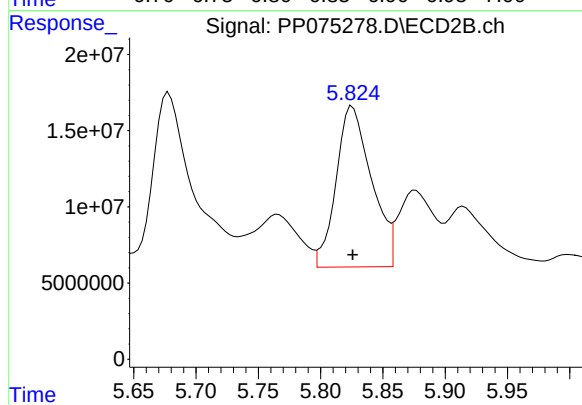
#26 AR-1254-1

R.T.: 5.678 min  
Delta R.T.: -0.001 min  
Response: 276624835  
Conc: 554.58 ng/ml



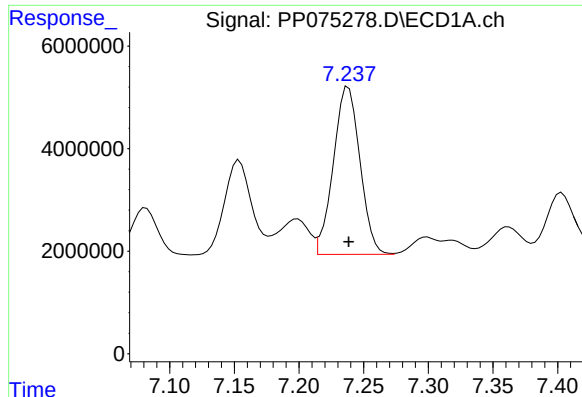
#27 AR-1254-2

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 43938129  
Conc: 511.30 ng/ml



#27 AR-1254-2

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 209067406  
Conc: 523.74 ng/ml



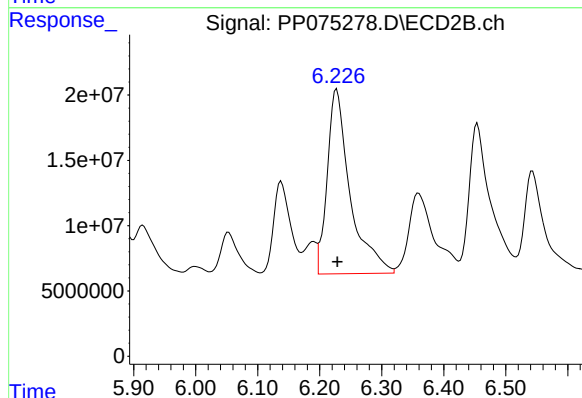
#28 AR-1254-3

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 46807513  
Conc: 506.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1254

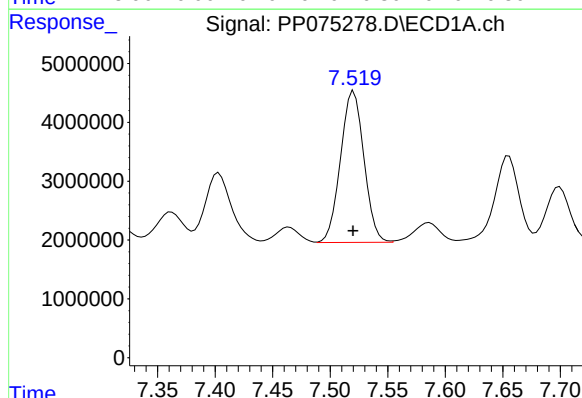
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



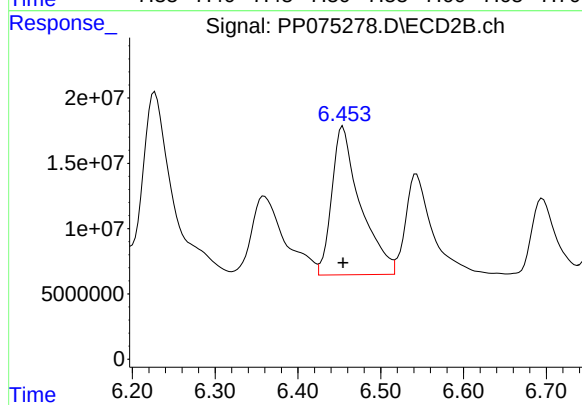
#28 AR-1254-3

R.T.: 6.227 min  
Delta R.T.: -0.001 min  
Response: 363150092  
Conc: 546.32 ng/ml



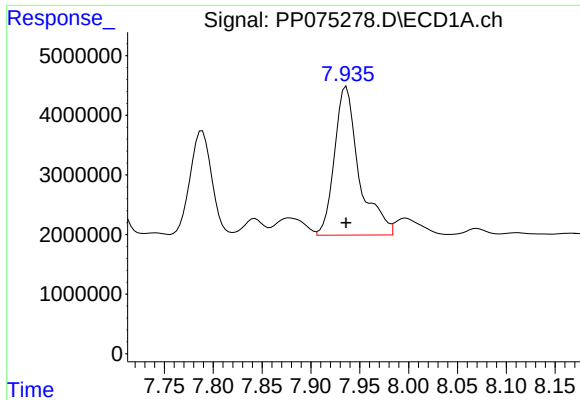
#29 AR-1254-4

R.T.: 7.520 min  
Delta R.T.: 0.000 min  
Response: 36595686  
Conc: 512.91 ng/ml



#29 AR-1254-4

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 272711111  
Conc: 552.44 ng/ml



#30 AR-1254-5

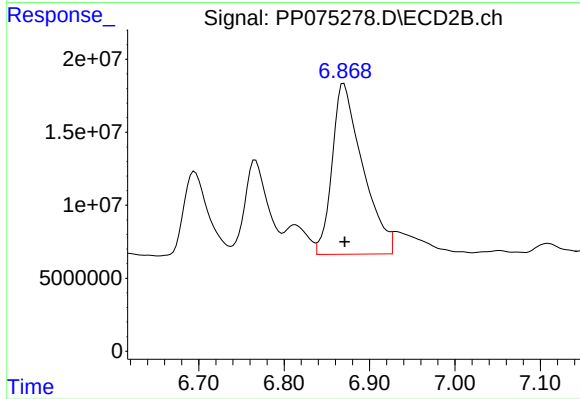
R.T.: 7.936 min  
Delta R.T.: 0.000 min  
Response: 43699326  
Conc: 534.17 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1254

Manual Integrations  
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#30 AR-1254-5

R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 290265404  
Conc: 508.62 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
 Data File : PP075279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2025 19:57  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP092325AR1268

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 04:49:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 04:47:34 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.659  | 3.799 | 71353406 | 332.9E6  | 53.960  | 55.485  |
| 2) SA Decachlor...          | 10.440 | 8.804 | 92871605 | 696.3E6  | 53.411  | 59.581m |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.890  | 7.689 | 89479292 | 799.5E6  | 552.483 | 554.201 |
| 42) L9 AR-1268-2            | 8.985  | 7.753 | 81657272 | 782.2E6  | 550.399 | 560.767 |
| 43) L9 AR-1268-3            | 9.226  | 7.960 | 67147736 | 596.0E6  | 541.127 | 546.351 |
| 44) L9 AR-1268-4            | 9.653  | 8.246 | 31706205 | 236.0E6  | 531.741 | 524.416 |
| 45) L9 AR-1268-5            | 10.085 | 8.544 | 206.8E6  | 1813.0E6 | 532.693 | 596.714 |
| -----                       |        |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075279.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 19:57  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

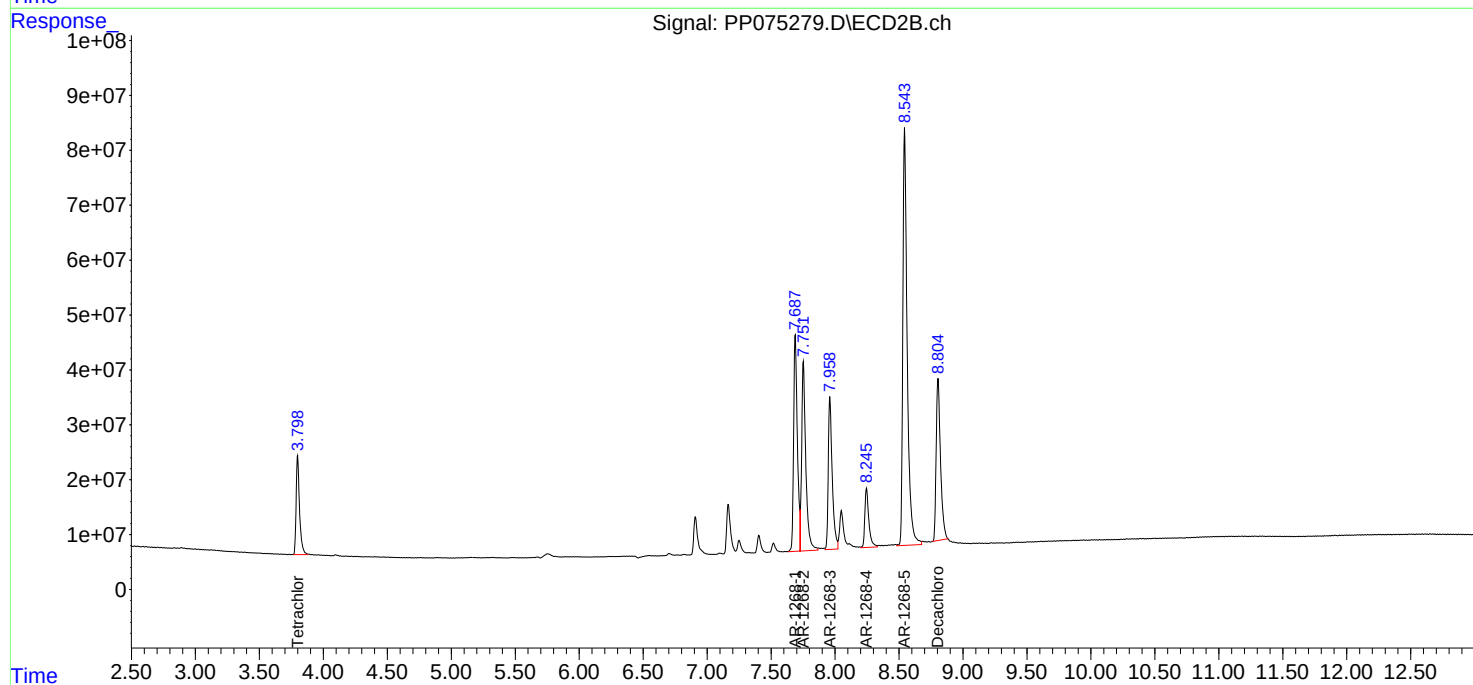
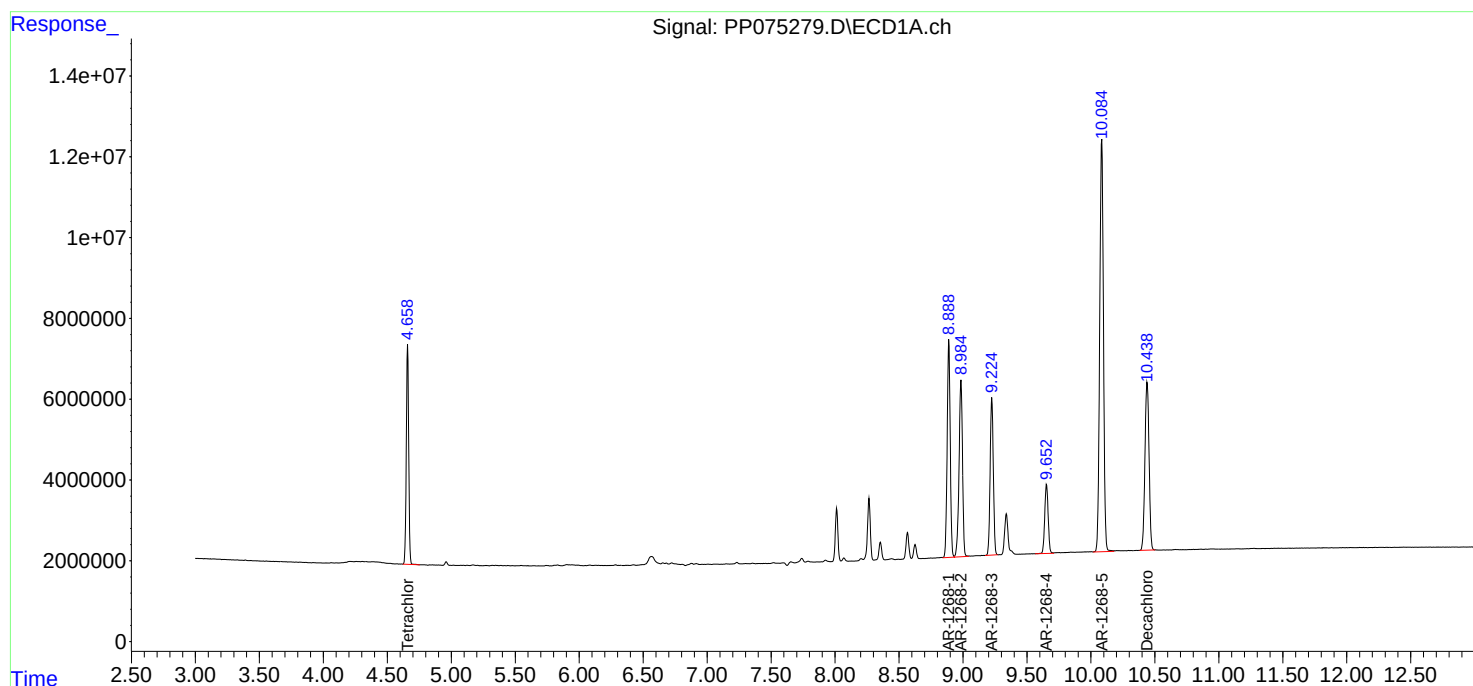
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1268

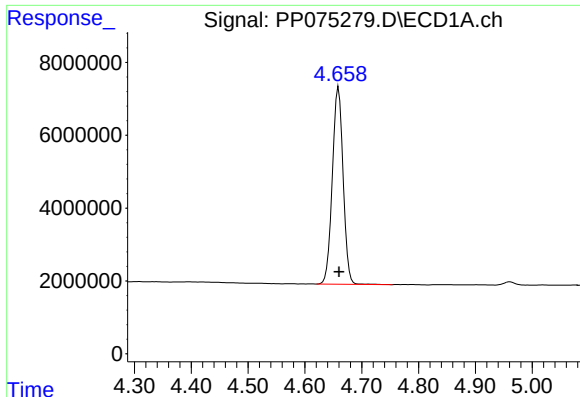
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 04:49:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 04:47:34 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





#1 Tetrachloro-m-xylene

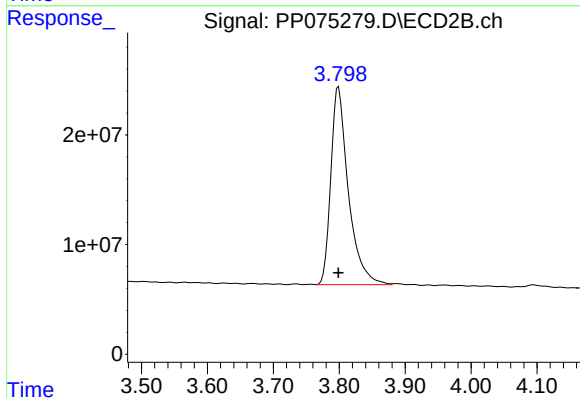
R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 71353406  
Conc: 53.96 ng/ml

ICAL Form

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1268

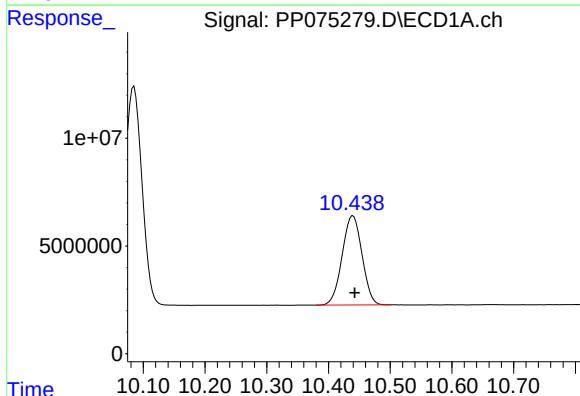
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025



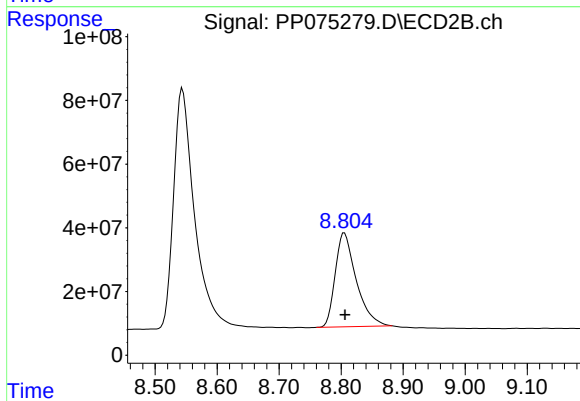
#1 Tetrachloro-m-xylene

R.T.: 3.799 min  
Delta R.T.: 0.000 min  
Response: 332881910  
Conc: 55.49 ng/ml



#2 Decachlorobiphenyl

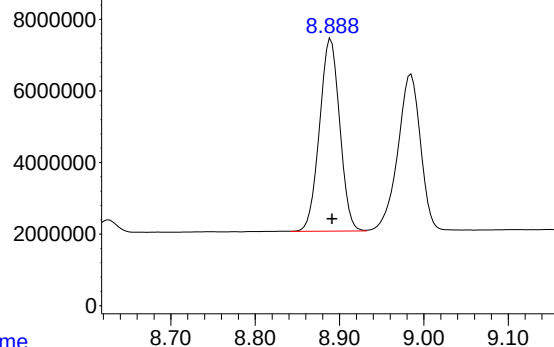
R.T.: 10.440 min  
Delta R.T.: -0.003 min  
Response: 92871605  
Conc: 53.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.804 min  
Delta R.T.: -0.003 min  
Response: 696275481  
Conc: 59.58 ng/ml m

Response\_ Signal: PP075279.D\ECD1A.ch



#41 AR-1268-1

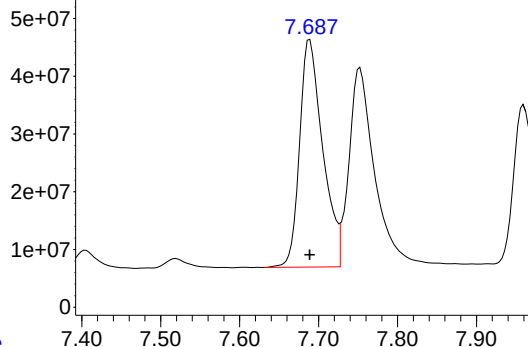
R.T.: 8.890 min  
Delta R.T.: -0.001 min  
Response: 89479292  
Conc: 552.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1268

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

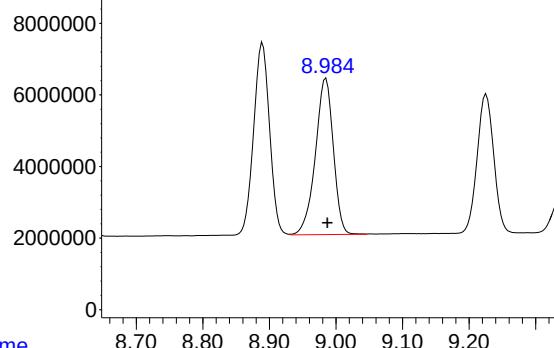
Time Response\_ Signal: PP075279.D\ECD2B.ch



#41 AR-1268-1

R.T.: 7.689 min  
Delta R.T.: 0.000 min  
Response: 799509513  
Conc: 554.20 ng/ml

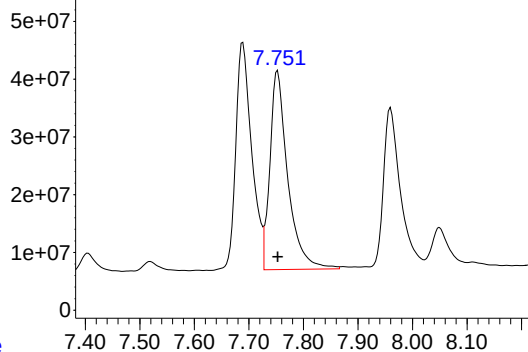
Time Response\_ Signal: PP075279.D\ECD1A.ch



#42 AR-1268-2

R.T.: 8.985 min  
Delta R.T.: -0.002 min  
Response: 81657272  
Conc: 550.40 ng/ml

Time Response\_ Signal: PP075279.D\ECD2B.ch

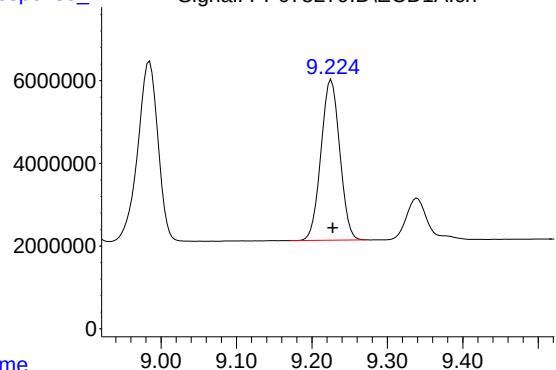


#42 AR-1268-2

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 782164395  
Conc: 560.77 ng/ml



Response\_ Signal: PP075279.D\ECD1A.ch



#43 AR-1268-3

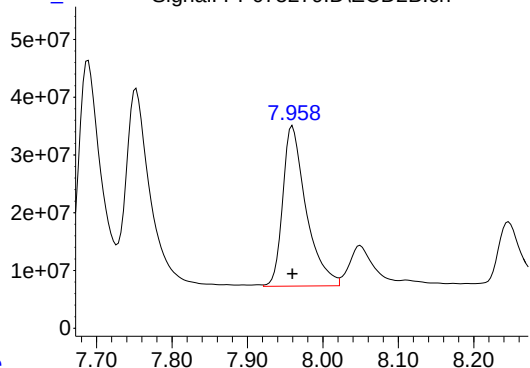
R.T.: 9.226 min  
Delta R.T.: -0.002 min  
Response: 67147736  
Conc: 541.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1268

Manual Integrations  
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Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

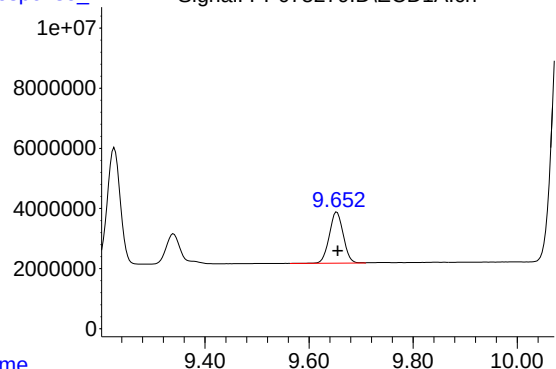
Time Response\_ Signal: PP075279.D\ECD2B.ch



#43 AR-1268-3

R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 596026528  
Conc: 546.35 ng/ml

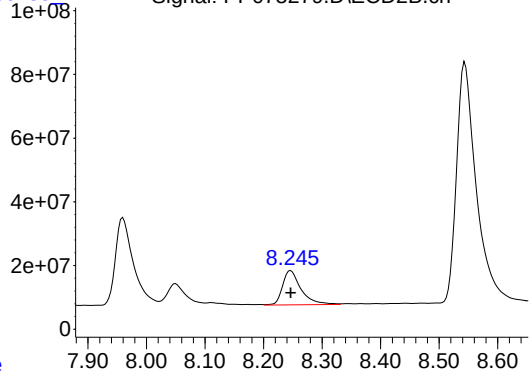
Time Response\_ Signal: PP075279.D\ECD1A.ch



#44 AR-1268-4

R.T.: 9.653 min  
Delta R.T.: -0.002 min  
Response: 31706205  
Conc: 531.74 ng/ml

Time Response\_ Signal: PP075279.D\ECD2B.ch



#44 AR-1268-4

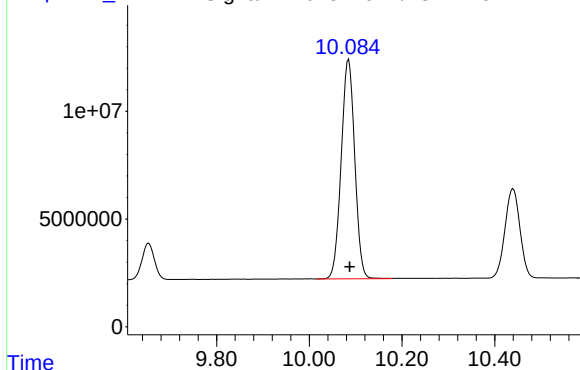
R.T.: 8.246 min  
Delta R.T.: 0.000 min  
Response: 235964707  
Conc: 524.42 ng/ml

Response\_

Signal: PP075279.D\ECD1A.ch

#45 AR-1268-5

ICAL Form



R.T.: 10.085 min  
Delta R.T.: -0.002 min  
Response: 206788671  
Conc: 532.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP092325AR1268

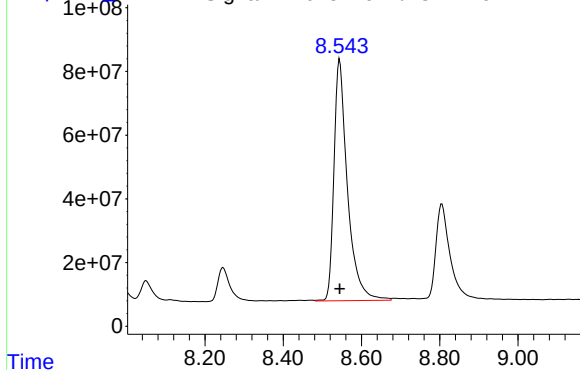
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/24/2025  
Supervised By :mohammad ahmed 09/25/2025

Time  
Response

Signal: PP075279.D\ECD2B.ch

#45 AR-1268-5



R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 1812996598  
Conc: 596.71 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 08:51

Initial Calibration Time(s): 08:45 17:14

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) | 5.80       | 5.81      | 5.71      | 5.91  | 0.01       |
| Aroclor-1016-2       | (2) | 5.82       | 5.83      | 5.73      | 5.93  | 0.01       |
| Aroclor-1016-3       | (3) | 5.88       | 5.89      | 5.79      | 5.99  | 0.01       |
| Aroclor-1016-4       | (4) | 5.98       | 5.99      | 5.89      | 6.09  | 0.01       |
| Aroclor-1016-5       | (5) | 6.27       | 6.28      | 6.18      | 6.38  | 0.01       |
| Aroclor-1260-1       | (1) | 7.39       | 7.40      | 7.30      | 7.50  | 0.01       |
| Aroclor-1260-2       | (2) | 7.64       | 7.65      | 7.55      | 7.75  | 0.01       |
| Aroclor-1260-3       | (3) | 8.00       | 8.01      | 7.91      | 8.11  | 0.01       |
| Aroclor-1260-4       | (4) | 8.23       | 8.24      | 8.14      | 8.34  | 0.01       |
| Aroclor-1260-5       | (5) | 8.55       | 8.56      | 8.46      | 8.66  | 0.01       |
| Tetrachloro-m-xylene |     | 4.65       | 4.66      | 4.56      | 4.76  | 0.01       |
| Decachlorobiphenyl   |     | 10.42      | 10.43     | 10.33     | 10.53 | 0.01       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 08:51

Initial Calibration Time(s): 08:45 17:14

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.88       | 4.89      | 4.79                   | 4.99 | 0.01       |
| Aroclor-1016-2       | (2) | 4.94       | 4.95      | 4.85                   | 5.05 | 0.01       |
| Aroclor-1016-3       | (3) | 5.06       | 5.07      | 4.97                   | 5.17 | 0.01       |
| Aroclor-1016-4       | (4) | 5.10       | 5.11      | 5.01                   | 5.21 | 0.01       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23                   | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.34       | 6.36      | 6.26                   | 6.46 | 0.02       |
| Aroclor-1260-2       | (2) | 6.53       | 6.54      | 6.44                   | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.68       | 6.70      | 6.60                   | 6.80 | 0.02       |
| Aroclor-1260-4       | (4) | 7.15       | 7.17      | 7.07                   | 7.27 | 0.02       |
| Aroclor-1260-5       | (5) | 7.39       | 7.40      | 7.30                   | 7.50 | 0.01       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70                   | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70                   | 8.90 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075704.D **Time Analyzed:** 08:51

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.799  | 5.708     | 5.908  | 521.150            | 500.000           | 4.2  |
| Aroclor-1016-2       | 5.820  | 5.729     | 5.929  | 524.570            | 500.000           | 4.9  |
| Aroclor-1016-3       | 5.883  | 5.792     | 5.992  | 506.450            | 500.000           | 1.3  |
| Aroclor-1016-4       | 5.980  | 5.889     | 6.089  | 547.300            | 500.000           | 9.5  |
| Aroclor-1016-5       | 6.272  | 6.181     | 6.381  | 560.740            | 500.000           | 12.1 |
| Aroclor-1260-1       | 7.389  | 7.299     | 7.499  | 513.460            | 500.000           | 2.7  |
| Aroclor-1260-2       | 7.641  | 7.551     | 7.751  | 504.300            | 500.000           | 0.9  |
| Aroclor-1260-3       | 8.000  | 7.909     | 8.109  | 542.520            | 500.000           | 8.5  |
| Aroclor-1260-4       | 8.227  | 8.137     | 8.337  | 558.320            | 500.000           | 11.7 |
| Aroclor-1260-5       | 8.553  | 8.464     | 8.664  | 543.040            | 500.000           | 8.6  |
| Decachlorobiphenyl   | 10.419 | 10.334    | 10.534 | 52.610             | 50.000            | 5.2  |
| Tetrachloro-m-xylene | 4.647  | 4.555     | 4.755  | 55.450             | 50.000            | 10.9 |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075704.D **Time Analyzed:** 08:51

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.884 | 4.793     | 4.993 | 600.150            | 500.000           | 20.0 |
| Aroclor-1016-2       | 4.940 | 4.851     | 5.051 | 574.760            | 500.000           | 15.0 |
| Aroclor-1016-3       | 5.062 | 4.971     | 5.171 | 539.830            | 500.000           | 8.0  |
| Aroclor-1016-4       | 5.102 | 5.011     | 5.211 | 569.380            | 500.000           | 13.9 |
| Aroclor-1016-5       | 5.316 | 5.225     | 5.425 | 543.520            | 500.000           | 8.7  |
| Aroclor-1260-1       | 6.344 | 6.255     | 6.455 | 547.260            | 500.000           | 9.5  |
| Aroclor-1260-2       | 6.530 | 6.441     | 6.641 | 559.980            | 500.000           | 12.0 |
| Aroclor-1260-3       | 6.684 | 6.595     | 6.795 | 540.760            | 500.000           | 8.2  |
| Aroclor-1260-4       | 7.152 | 7.065     | 7.265 | 487.630            | 500.000           | -2.5 |
| Aroclor-1260-5       | 7.392 | 7.304     | 7.504 | 503.720            | 500.000           | 0.7  |
| Decachlorobiphenyl   | 8.788 | 8.703     | 8.903 | 58.990             | 50.000            | 18.0 |
| Tetrachloro-m-xylene | 3.789 | 3.696     | 3.896 | 61.290             | 50.000            | 22.6 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
 Data File : PP075704.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 08:51  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 11:35:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.647  | 3.789 | 72561515 | 373.9E6  | 55.455  | 61.292   |
| 2) SA Decachlor...          | 10.419 | 8.788 | 52482846 | 355.9E6  | 52.612  | 58.993   |
| Target Compounds            |        |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.799  | 4.884 | 25070018 | 336.7E6  | 521.154 | 600.151  |
| 4) L1 AR-1016-2             | 5.820  | 4.940 | 37626783 | 147.7E6  | 524.572 | 574.763m |
| 5) L1 AR-1016-3             | 5.883  | 5.062 | 23565552 | 83819064 | 506.451 | 539.833  |
| 6) L1 AR-1016-4             | 5.980  | 5.102 | 19504057 | 83681008 | 547.303 | 569.383  |
| 7) L1 AR-1016-5             | 6.272  | 5.316 | 18908895 | 88801439 | 560.740 | 543.520  |
| 31) L7 AR-1260-1            | 7.389  | 6.344 | 30868918 | 222.2E6  | 513.459 | 547.258  |
| 32) L7 AR-1260-2            | 7.641  | 6.530 | 36711952 | 322.5E6  | 504.299 | 559.977  |
| 33) L7 AR-1260-3            | 8.000  | 6.684 | 29374768 | 231.5E6  | 542.519 | 540.764  |
| 34) L7 AR-1260-4            | 8.227  | 7.152 | 31565614 | 210.3E6  | 558.316 | 487.633  |
| 35) L7 AR-1260-5            | 8.553  | 7.392 | 59629765 | 529.9E6  | 543.035 | 503.716  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075704.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 08:51  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

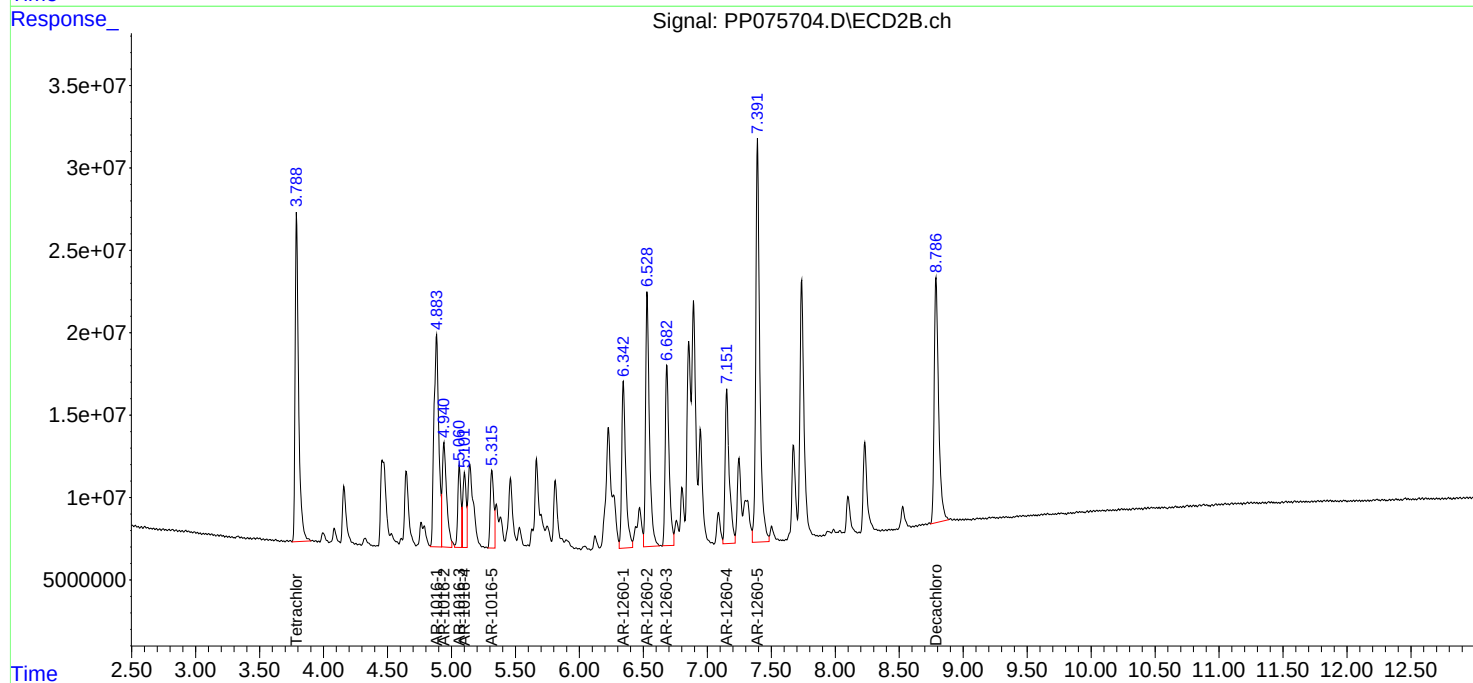
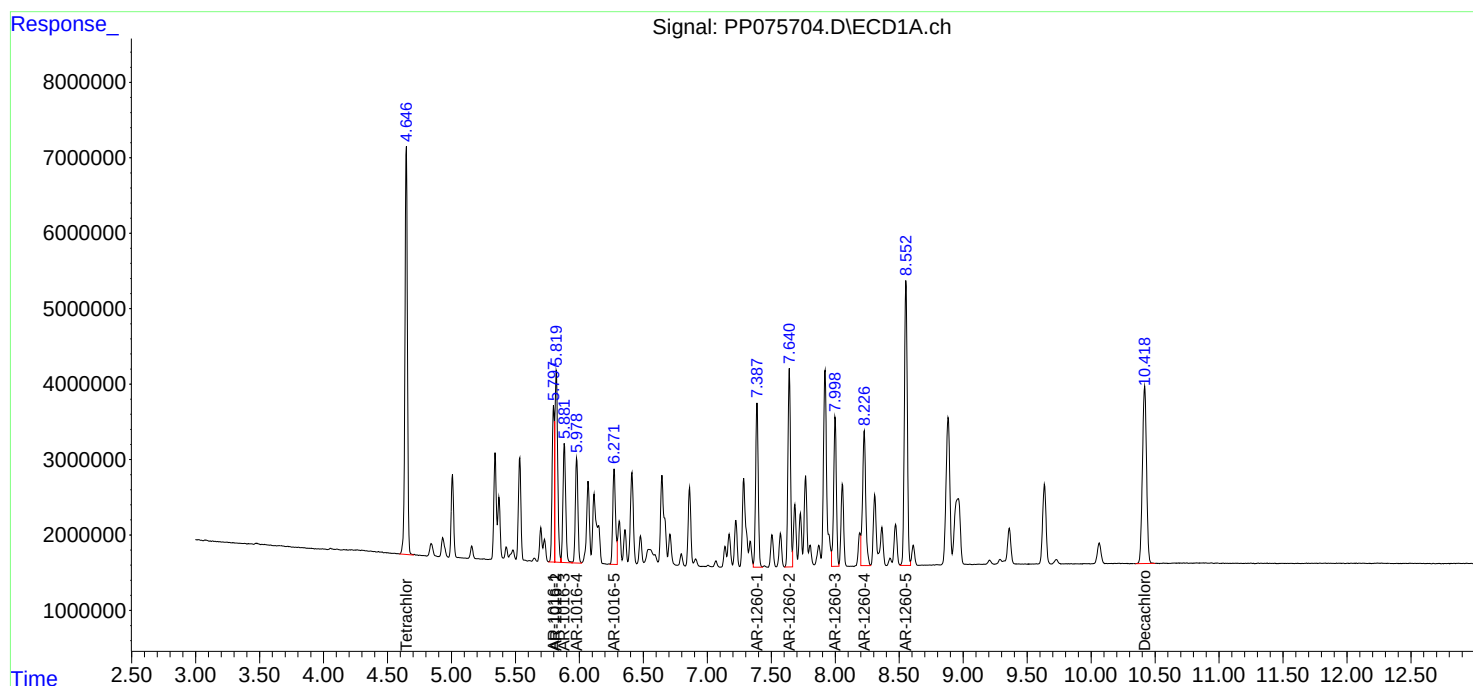
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

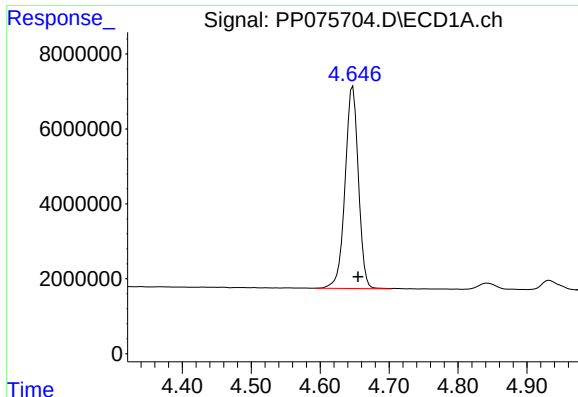
Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:35:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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







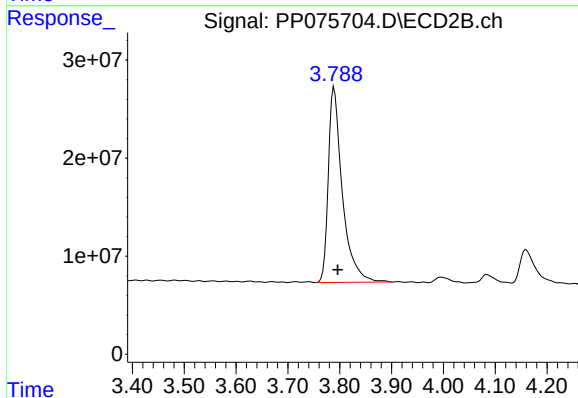
## #1 Tetrachloro-m-xylene

R.T.: 4.647 min  
Delta R.T.: -0.008 min  
Response: 72561515  
Conc: 55.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

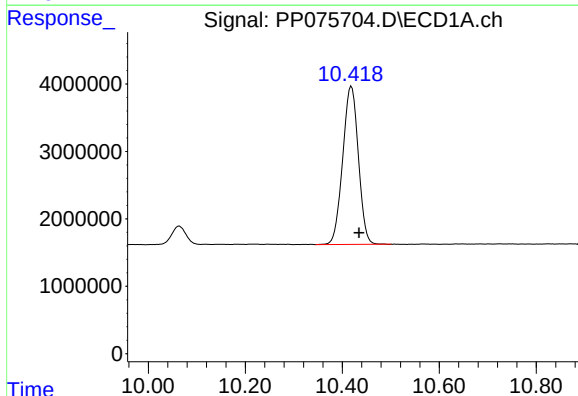
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



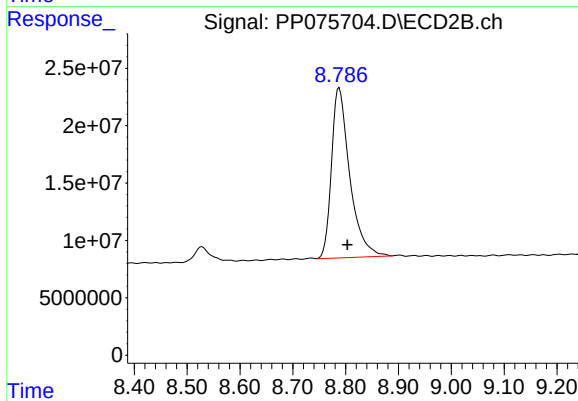
## #1 Tetrachloro-m-xylene

R.T.: 3.789 min  
Delta R.T.: -0.007 min  
Response: 373938134  
Conc: 61.29 ng/ml



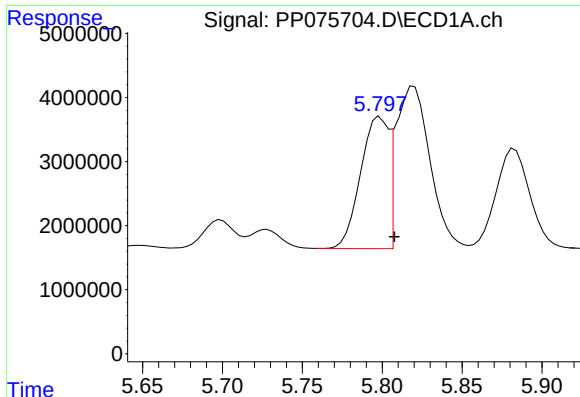
## #2 Decachlorobiphenyl

R.T.: 10.419 min  
Delta R.T.: -0.016 min  
Response: 52482846  
Conc: 52.61 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.016 min  
Response: 355874214  
Conc: 58.99 ng/ml



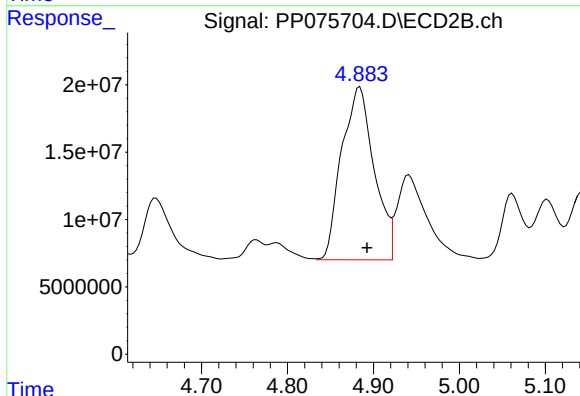
#3 AR-1016-1

R.T.: 5.799 min  
Delta R.T.: -0.009 min  
Response: 25070018  
Conc: 521.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

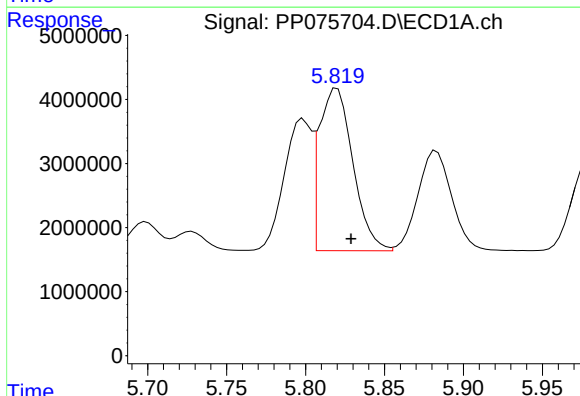
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



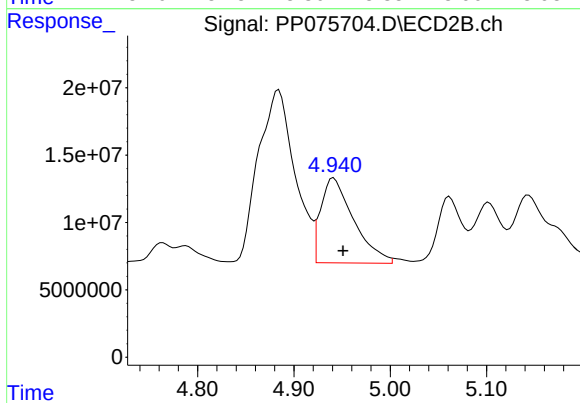
#3 AR-1016-1

R.T.: 4.884 min  
Delta R.T.: -0.008 min  
Response: 336692907  
Conc: 600.15 ng/ml



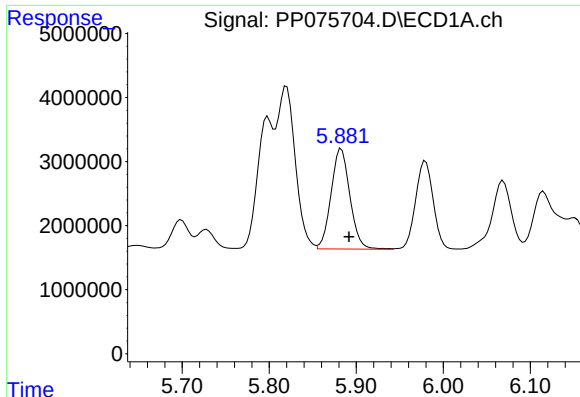
#4 AR-1016-2

R.T.: 5.820 min  
Delta R.T.: -0.009 min  
Response: 37626783  
Conc: 524.57 ng/ml



#4 AR-1016-2

R.T.: 4.940 min  
Delta R.T.: -0.011 min  
Response: 147715325  
Conc: 574.76 ng/ml m



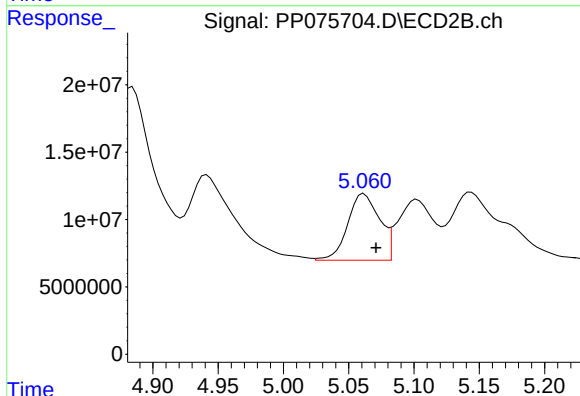
#5 AR-1016-3

R.T.: 5.883 min  
Delta R.T.: -0.009 min  
Response: 23565552  
Conc: 506.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

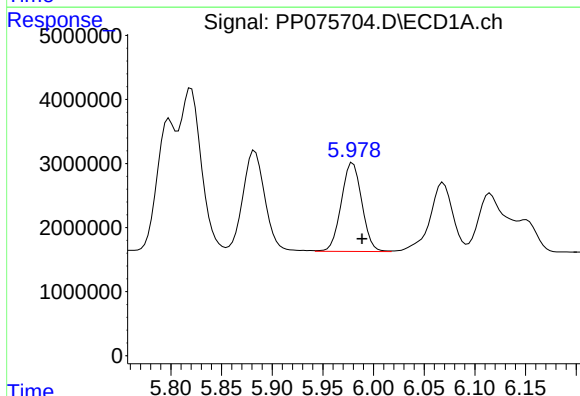
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



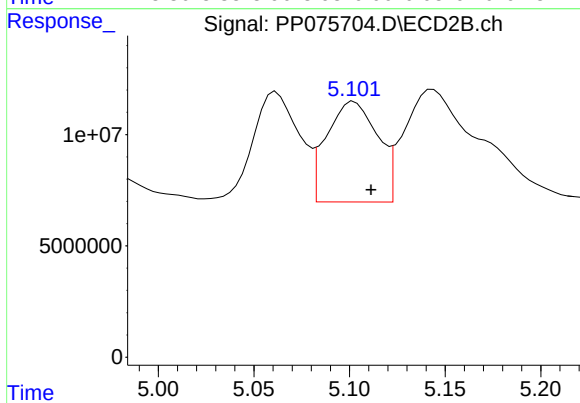
#5 AR-1016-3

R.T.: 5.062 min  
Delta R.T.: -0.009 min  
Response: 83819064  
Conc: 539.83 ng/ml



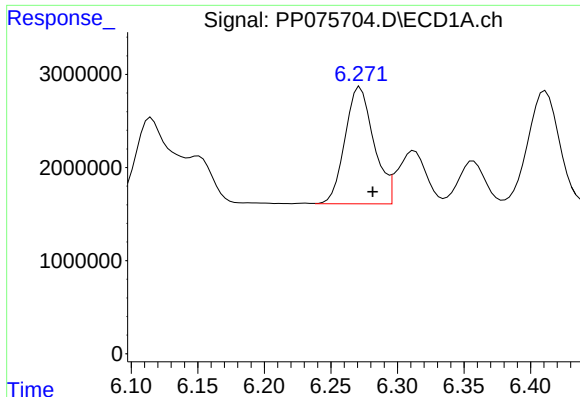
#6 AR-1016-4

R.T.: 5.980 min  
Delta R.T.: -0.009 min  
Response: 19504057  
Conc: 547.30 ng/ml



#6 AR-1016-4

R.T.: 5.102 min  
Delta R.T.: -0.009 min  
Response: 83681008  
Conc: 569.38 ng/ml



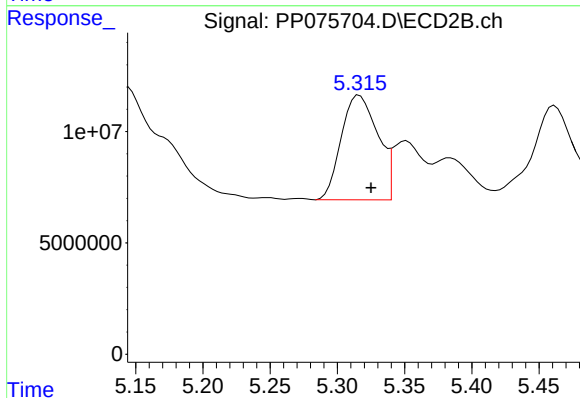
#7 AR-1016-5

R.T.: 6.272 min  
Delta R.T.: -0.009 min  
Response: 18908895  
Conc: 560.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

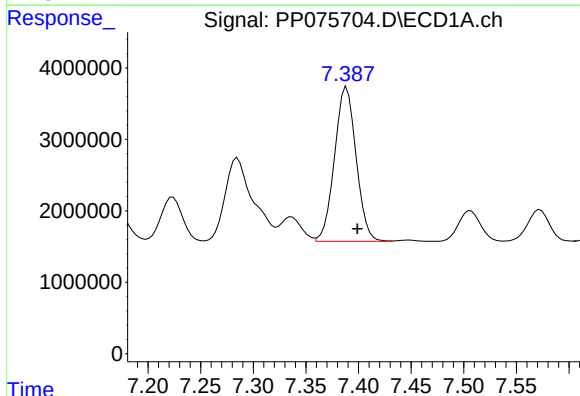
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



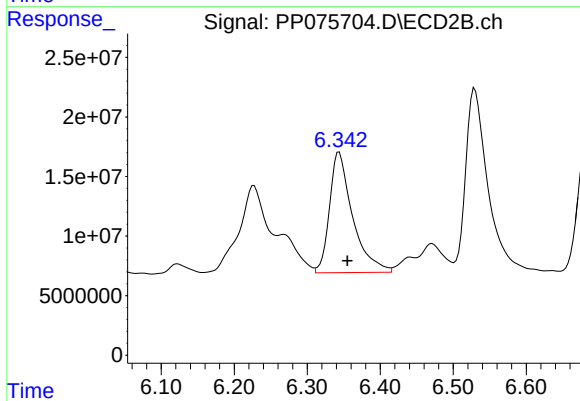
#7 AR-1016-5

R.T.: 5.316 min  
Delta R.T.: -0.009 min  
Response: 88801439  
Conc: 543.52 ng/ml



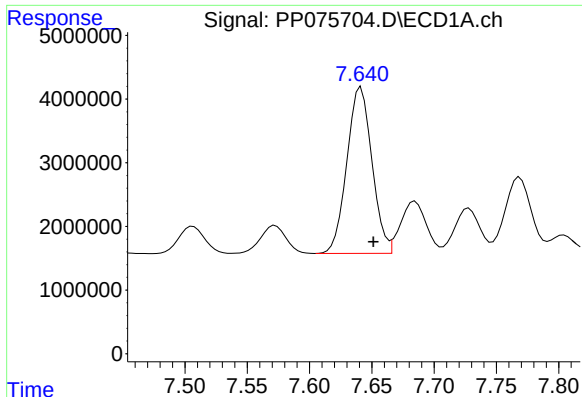
#31 AR-1260-1

R.T.: 7.389 min  
Delta R.T.: -0.010 min  
Response: 30868918  
Conc: 513.46 ng/ml



#31 AR-1260-1

R.T.: 6.344 min  
Delta R.T.: -0.011 min  
Response: 222151267  
Conc: 547.26 ng/ml



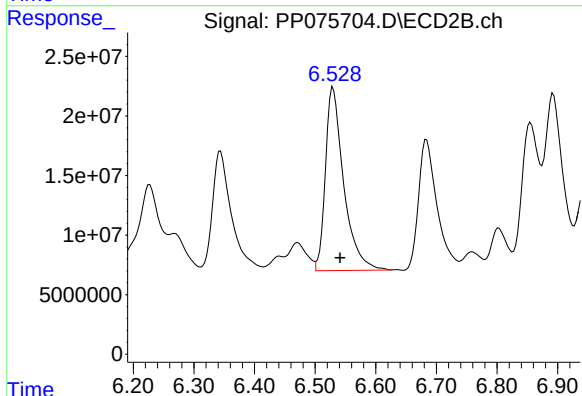
#32 AR-1260-2

R.T.: 7.641 min  
Delta R.T.: -0.010 min  
Response: 36711952  
Conc: 504.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

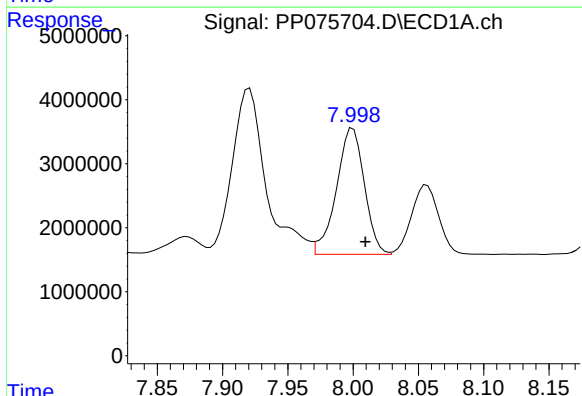
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



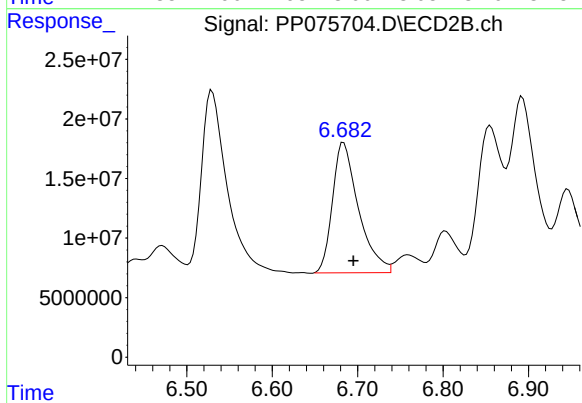
#32 AR-1260-2

R.T.: 6.530 min  
Delta R.T.: -0.012 min  
Response: 322451737  
Conc: 559.98 ng/ml



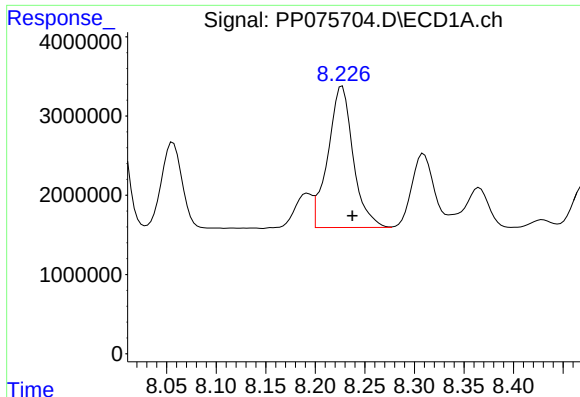
#33 AR-1260-3

R.T.: 8.000 min  
Delta R.T.: -0.009 min  
Response: 29374768  
Conc: 542.52 ng/ml



#33 AR-1260-3

R.T.: 6.684 min  
Delta R.T.: -0.011 min  
Response: 231493183  
Conc: 540.76 ng/ml



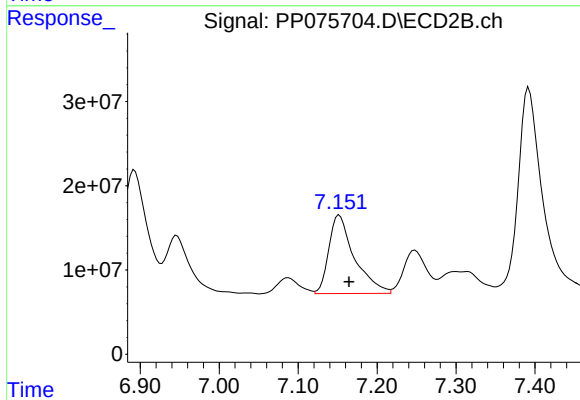
#34 AR-1260-4

R.T.: 8.227 min  
Delta R.T.: -0.010 min  
Response: 31565614  
Conc: 558.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

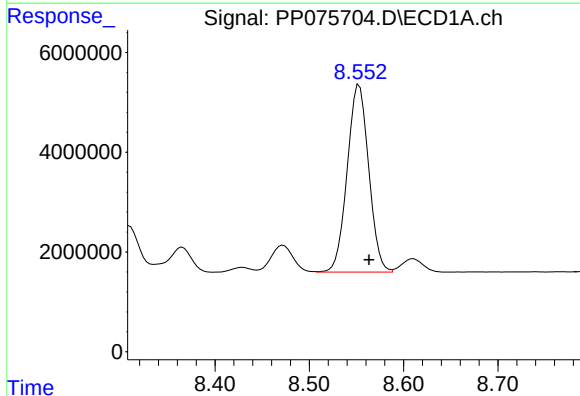
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/10/2025  
Supervised By :mohammad ahmed 10/15/2025



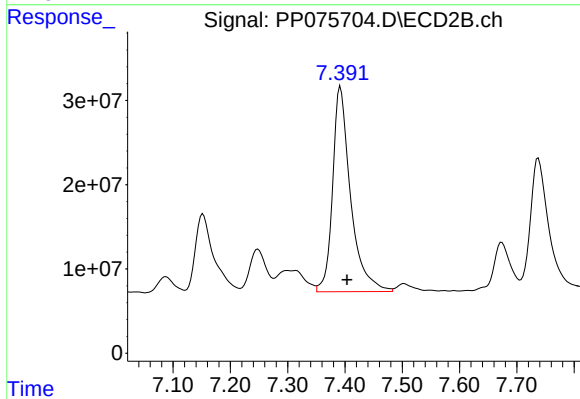
#34 AR-1260-4

R.T.: 7.152 min  
Delta R.T.: -0.013 min  
Response: 210279169  
Conc: 487.63 ng/ml



#35 AR-1260-5

R.T.: 8.553 min  
Delta R.T.: -0.011 min  
Response: 59629765  
Conc: 543.04 ng/ml



#35 AR-1260-5

R.T.: 7.392 min  
Delta R.T.: -0.011 min  
Response: 529903193  
Conc: 503.72 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 15:57

Initial Calibration Time(s): 08:45 17:14

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) | 5.80       | 5.81      | 5.71      | 5.91  | 0.01       |
| Aroclor-1016-2       | (2) | 5.82       | 5.83      | 5.73      | 5.93  | 0.01       |
| Aroclor-1016-3       | (3) | 5.89       | 5.89      | 5.79      | 5.99  | 0.00       |
| Aroclor-1016-4       | (4) | 5.98       | 5.99      | 5.89      | 6.09  | 0.01       |
| Aroclor-1016-5       | (5) | 6.28       | 6.28      | 6.18      | 6.38  | 0.00       |
| Aroclor-1260-1       | (1) | 7.39       | 7.40      | 7.30      | 7.50  | 0.01       |
| Aroclor-1260-2       | (2) | 7.65       | 7.65      | 7.55      | 7.75  | 0.00       |
| Aroclor-1260-3       | (3) | 8.00       | 8.01      | 7.91      | 8.11  | 0.01       |
| Aroclor-1260-4       | (4) | 8.23       | 8.24      | 8.14      | 8.34  | 0.01       |
| Aroclor-1260-5       | (5) | 8.56       | 8.56      | 8.46      | 8.66  | 0.00       |
| Tetrachloro-m-xylene |     | 4.65       | 4.66      | 4.56      | 4.76  | 0.01       |
| Decachlorobiphenyl   |     | 10.42      | 10.43     | 10.33     | 10.53 | 0.01       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 15:57

Initial Calibration Time(s): 08:45 17:14

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) | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Aroclor-1016-2       | (2) | 4.95       | 4.95      | 4.85      | 5.05 | 0.00       |
| Aroclor-1016-3       | (3) | 5.07       | 5.07      | 4.97      | 5.17 | 0.00       |
| Aroclor-1016-4       | (4) | 5.11       | 5.11      | 5.01      | 5.21 | 0.00       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23      | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26      | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.53       | 6.54      | 6.44      | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.70      | 6.60      | 6.80 | 0.01       |
| Aroclor-1260-4       | (4) | 7.16       | 7.17      | 7.07      | 7.27 | 0.01       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30      | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70      | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70      | 8.90 | 0.01       |





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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075719.D **Time Analyzed:** 15:57

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.802  | 5.708     | 5.908  | 487.160            | 500.000           | -2.6 |
| Aroclor-1016-2       | 5.823  | 5.729     | 5.929  | 496.470            | 500.000           | -0.7 |
| Aroclor-1016-3       | 5.887  | 5.792     | 5.992  | 475.660            | 500.000           | -4.9 |
| Aroclor-1016-4       | 5.983  | 5.889     | 6.089  | 515.150            | 500.000           | 3.0  |
| Aroclor-1016-5       | 6.276  | 6.181     | 6.381  | 522.770            | 500.000           | 4.6  |
| Aroclor-1260-1       | 7.393  | 7.299     | 7.499  | 487.010            | 500.000           | -2.6 |
| Aroclor-1260-2       | 7.646  | 7.551     | 7.751  | 482.090            | 500.000           | -3.6 |
| Aroclor-1260-3       | 8.003  | 7.909     | 8.109  | 516.070            | 500.000           | 3.2  |
| Aroclor-1260-4       | 8.231  | 8.137     | 8.337  | 539.600            | 500.000           | 7.9  |
| Aroclor-1260-5       | 8.557  | 8.464     | 8.664  | 524.180            | 500.000           | 4.8  |
| Decachlorobiphenyl   | 10.423 | 10.334    | 10.534 | 49.780             | 50.000            | -0.4 |
| Tetrachloro-m-xylene | 4.650  | 4.555     | 4.755  | 52.690             | 50.000            | 5.4  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075719.D **Time Analyzed:** 15:57

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.887 | 4.793     | 4.993 | 545.000            | 500.000           | 9.0  |
| Aroclor-1016-2       | 4.945 | 4.851     | 5.051 | 567.840            | 500.000           | 13.6 |
| Aroclor-1016-3       | 5.065 | 4.971     | 5.171 | 504.620            | 500.000           | 0.9  |
| Aroclor-1016-4       | 5.105 | 5.011     | 5.211 | 549.820            | 500.000           | 10.0 |
| Aroclor-1016-5       | 5.319 | 5.225     | 5.425 | 522.850            | 500.000           | 4.6  |
| Aroclor-1260-1       | 6.347 | 6.255     | 6.455 | 498.140            | 500.000           | -0.4 |
| Aroclor-1260-2       | 6.534 | 6.441     | 6.641 | 499.880            | 500.000           | 0.0  |
| Aroclor-1260-3       | 6.687 | 6.595     | 6.795 | 483.000            | 500.000           | -3.4 |
| Aroclor-1260-4       | 7.155 | 7.065     | 7.265 | 455.280            | 500.000           | -8.9 |
| Aroclor-1260-5       | 7.396 | 7.304     | 7.504 | 464.890            | 500.000           | -7.0 |
| Decachlorobiphenyl   | 8.791 | 8.703     | 8.903 | 56.430             | 50.000            | 12.9 |
| Tetrachloro-m-xylene | 3.793 | 3.696     | 3.896 | 56.550             | 50.000            | 13.1 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
 Data File : PP075719.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 15:57  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 96 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 06:02:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.650  | 3.793 | 68944323 | 345.0E6  | 52.690  | 56.553  |
| 2) SA Decachlor...          | 10.423 | 8.791 | 49659240 | 340.4E6  | 49.781  | 56.433  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.802  | 4.887 | 23434775 | 305.7E6  | 487.161 | 544.995 |
| 4) L1 AR-1016-2             | 5.823  | 4.945 | 35610972 | 145.9E6  | 496.468 | 567.838 |
| 5) L1 AR-1016-3             | 5.887  | 5.065 | 22132648 | 78352034 | 475.656 | 504.623 |
| 6) L1 AR-1016-4             | 5.983  | 5.105 | 18358073 | 80806383 | 515.146 | 549.823 |
| 7) L1 AR-1016-5             | 6.276  | 5.319 | 17628641 | 85424025 | 522.775 | 522.848 |
| 31) L7 AR-1260-1            | 7.393  | 6.347 | 29278781 | 202.2E6  | 487.010 | 498.137 |
| 32) L7 AR-1260-2            | 7.646  | 6.534 | 35095116 | 287.8E6  | 482.089 | 499.881 |
| 33) L7 AR-1260-3            | 8.003  | 6.687 | 27942710 | 206.8E6  | 516.071 | 482.995 |
| 34) L7 AR-1260-4            | 8.231  | 7.155 | 30507548 | 196.3E6  | 539.602 | 455.276 |
| 35) L7 AR-1260-5            | 8.557  | 7.396 | 57559217 | 489.1E6  | 524.179 | 464.888 |
| -----                       |        |       |          |          |         |         |

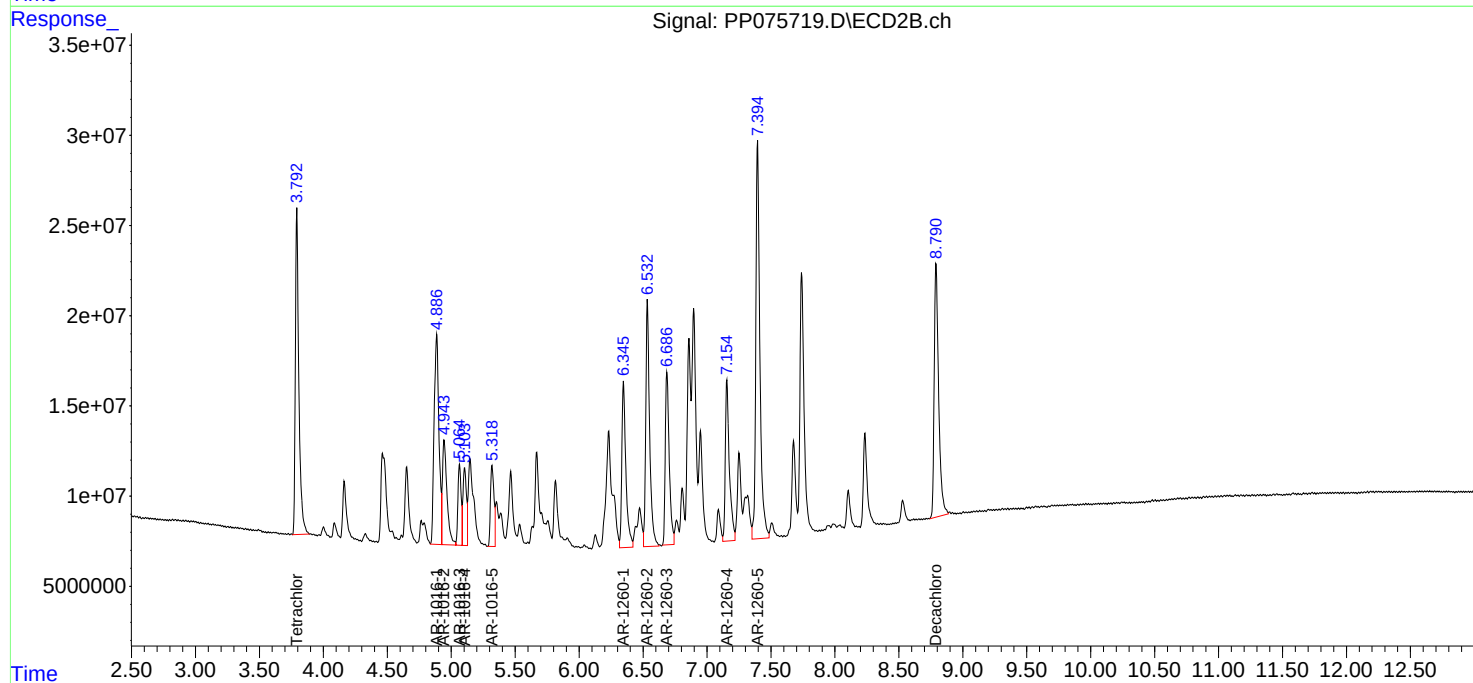
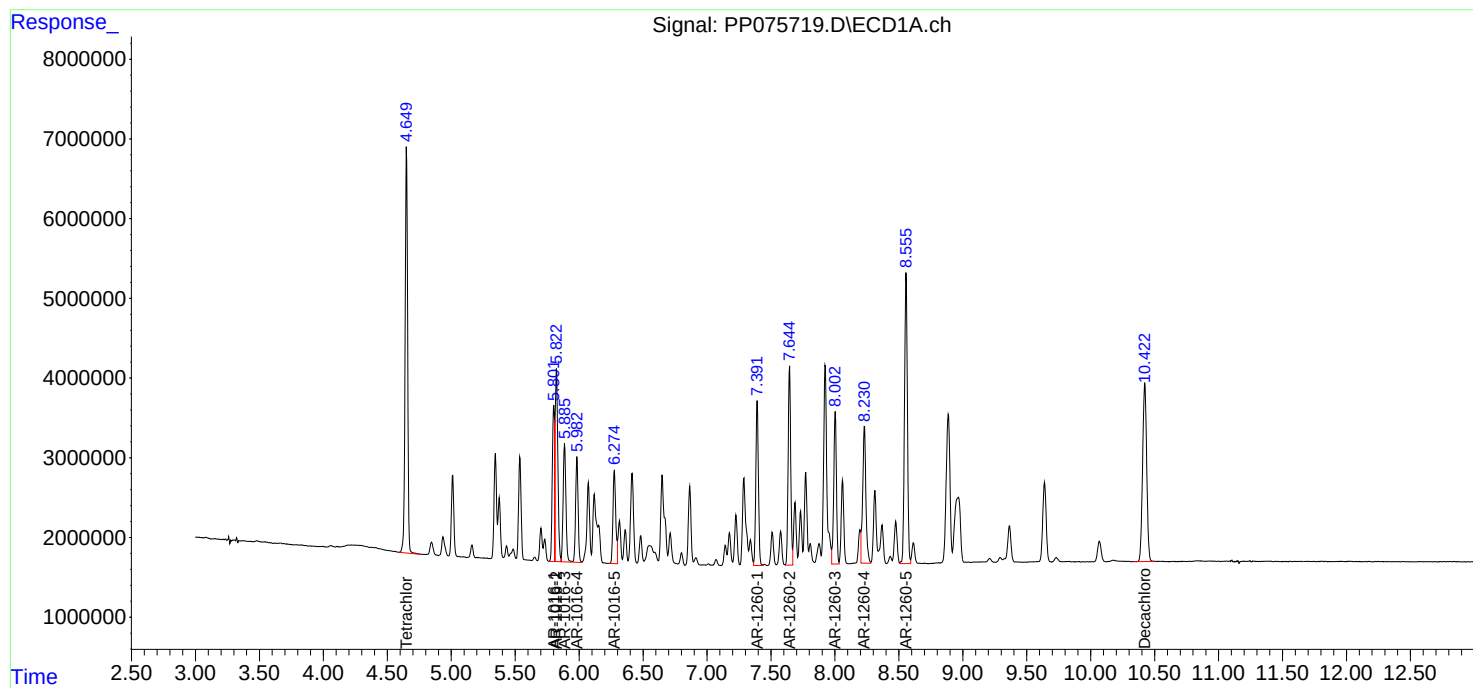
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

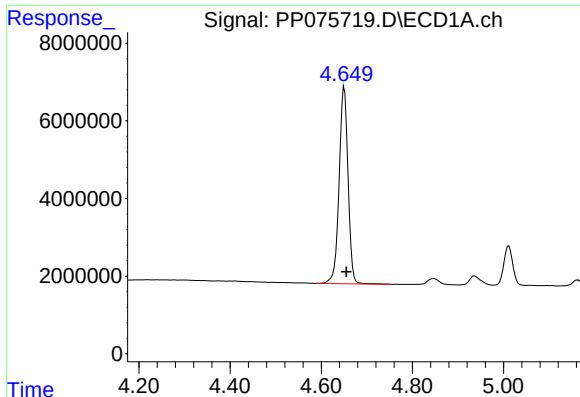
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075719.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 15:57  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 96 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 06:02:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

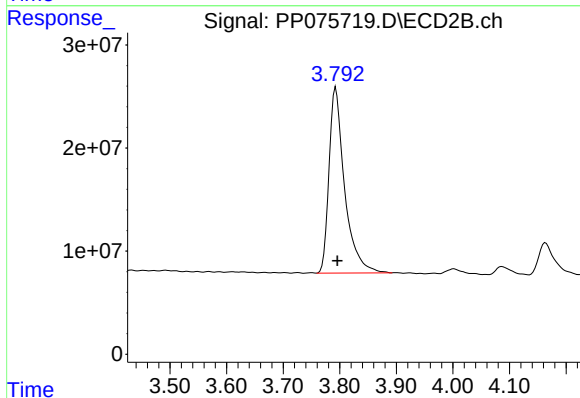




## #1 Tetrachloro-m-xylene

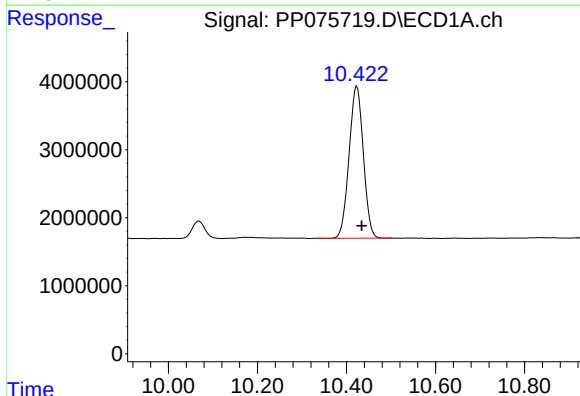
R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 68944323  
Conc: 52.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



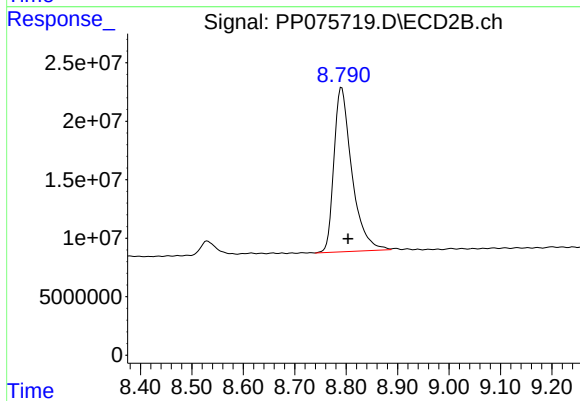
## #1 Tetrachloro-m-xylene

R.T.: 3.793 min  
Delta R.T.: -0.003 min  
Response: 345025507  
Conc: 56.55 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: -0.011 min  
Response: 49659240  
Conc: 49.78 ng/ml

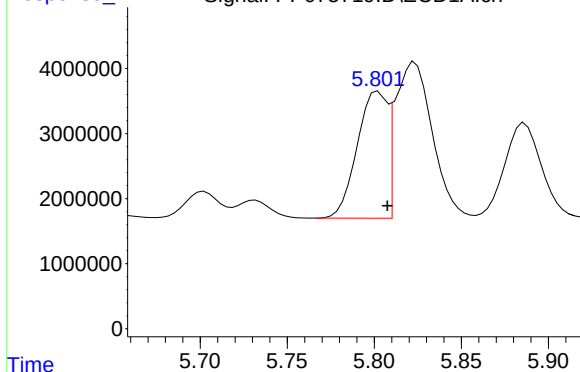


## #2 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.012 min  
Response: 340434447  
Conc: 56.43 ng/ml

Signal: PP075719.D\ECD1A.ch

#3 AR-1016-1

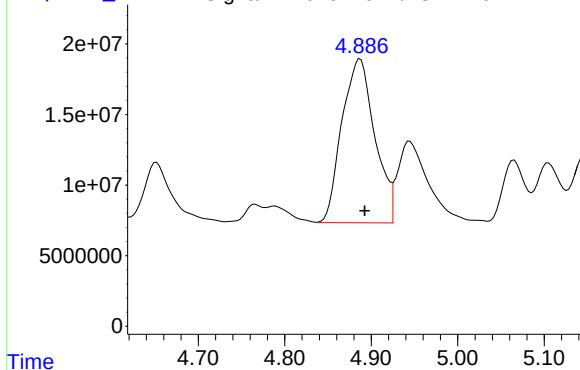


R.T.: 5.802 min  
Delta R.T.: -0.005 min  
Response: 23434775  
Conc: 487.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Signal: PP075719.D\ECD2B.ch

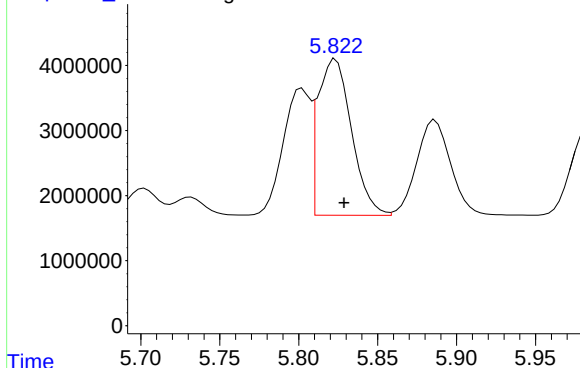
#3 AR-1016-1



R.T.: 4.887 min  
Delta R.T.: -0.005 min  
Response: 305749587  
Conc: 545.00 ng/ml

Signal: PP075719.D\ECD1A.ch

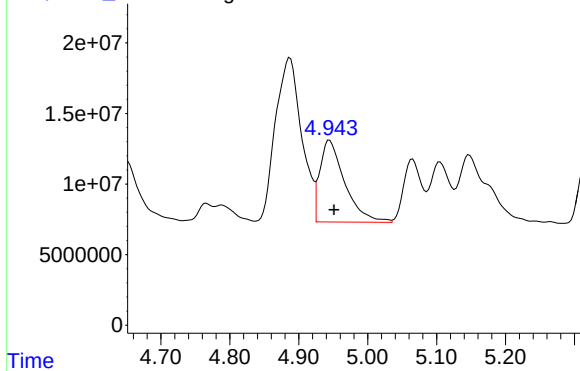
#4 AR-1016-2



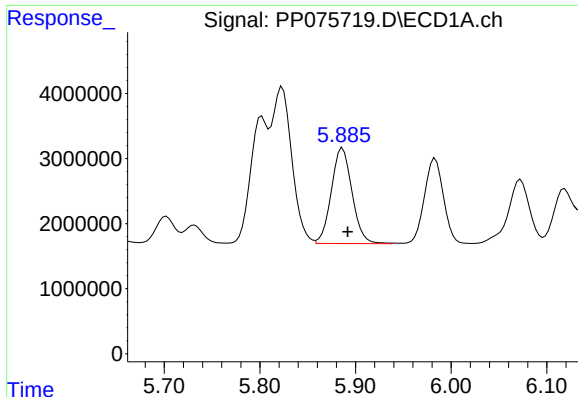
R.T.: 5.823 min  
Delta R.T.: -0.005 min  
Response: 35610972  
Conc: 496.47 ng/ml

Signal: PP075719.D\ECD2B.ch

#4 AR-1016-2



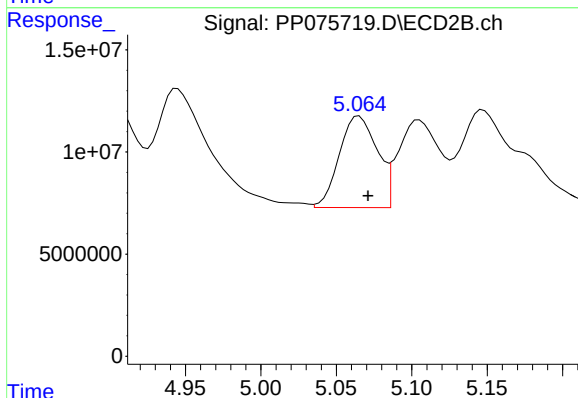
R.T.: 4.945 min  
Delta R.T.: -0.006 min  
Response: 145935573  
Conc: 567.84 ng/ml



#5 AR-1016-3

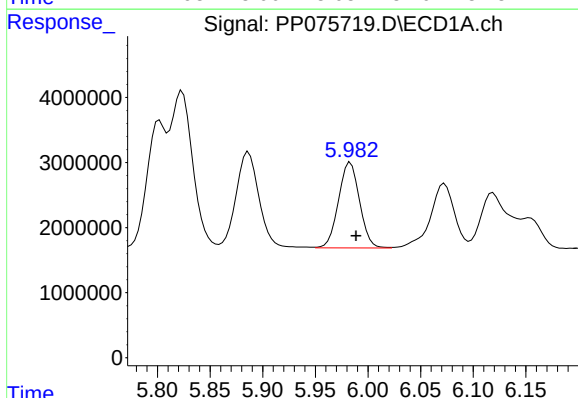
R.T.: 5.887 min  
Delta R.T.: -0.005 min  
Response: 22132648  
Conc: 475.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



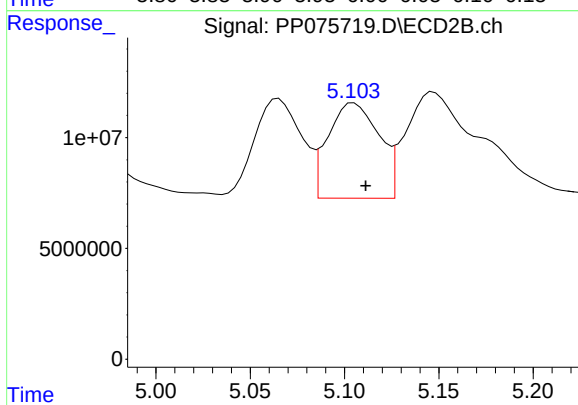
#5 AR-1016-3

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 78352034  
Conc: 504.62 ng/ml



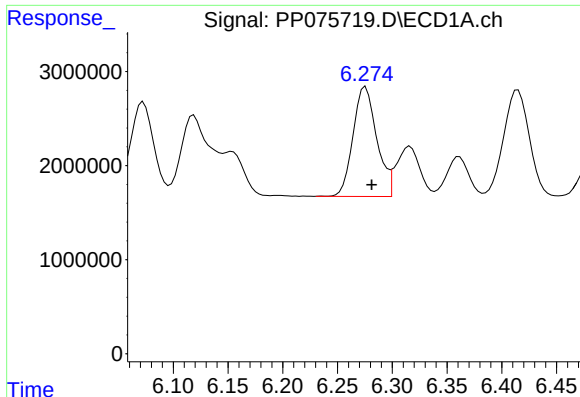
#6 AR-1016-4

R.T.: 5.983 min  
Delta R.T.: -0.005 min  
Response: 18358073  
Conc: 515.15 ng/ml



#6 AR-1016-4

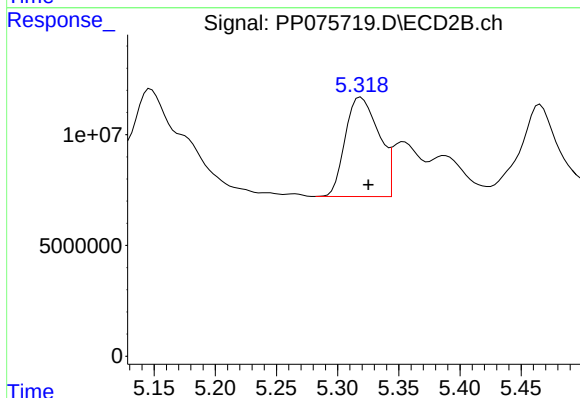
R.T.: 5.105 min  
Delta R.T.: -0.006 min  
Response: 80806383  
Conc: 549.82 ng/ml



#7 AR-1016-5

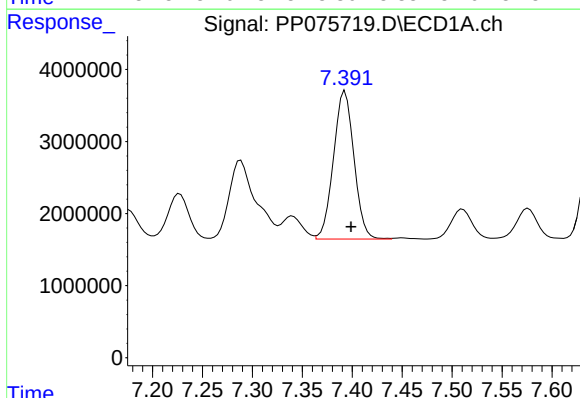
R.T.: 6.276 min  
Delta R.T.: -0.006 min  
Response: 17628641  
Conc: 522.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



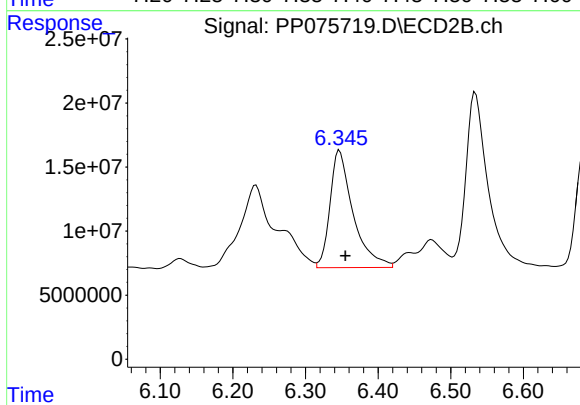
#7 AR-1016-5

R.T.: 5.319 min  
Delta R.T.: -0.006 min  
Response: 85424025  
Conc: 522.85 ng/ml



#31 AR-1260-1

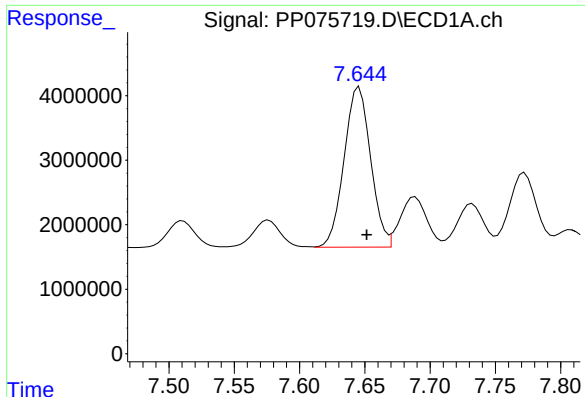
R.T.: 7.393 min  
Delta R.T.: -0.006 min  
Response: 29278781  
Conc: 487.01 ng/ml



#31 AR-1260-1

R.T.: 6.347 min  
Delta R.T.: -0.008 min  
Response: 202211470  
Conc: 498.14 ng/ml

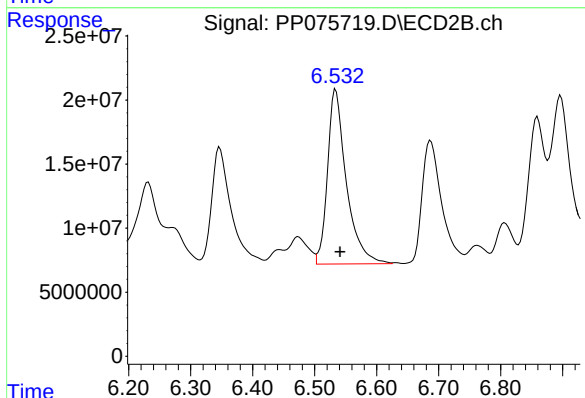




#32 AR-1260-2

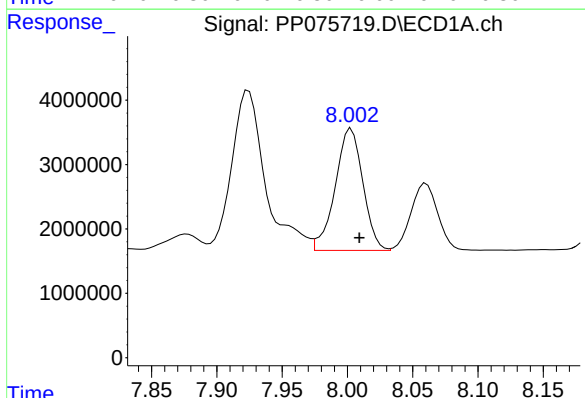
R.T.: 7.646 min  
Delta R.T.: -0.006 min  
Response: 35095116  
Conc: 482.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



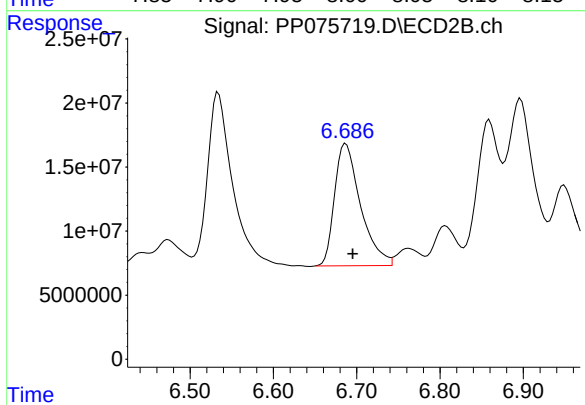
#32 AR-1260-2

R.T.: 6.534 min  
Delta R.T.: -0.007 min  
Response: 287846280  
Conc: 499.88 ng/ml



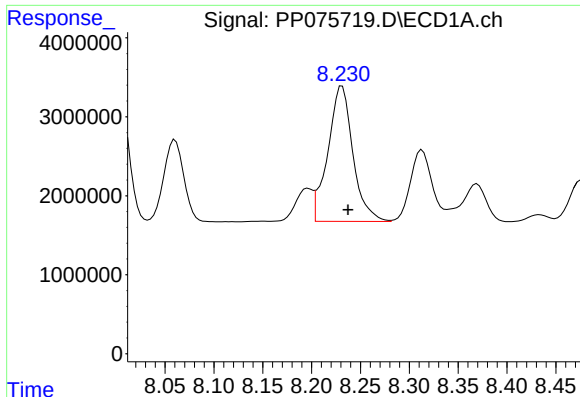
#33 AR-1260-3

R.T.: 8.003 min  
Delta R.T.: -0.006 min  
Response: 27942710  
Conc: 516.07 ng/ml



#33 AR-1260-3

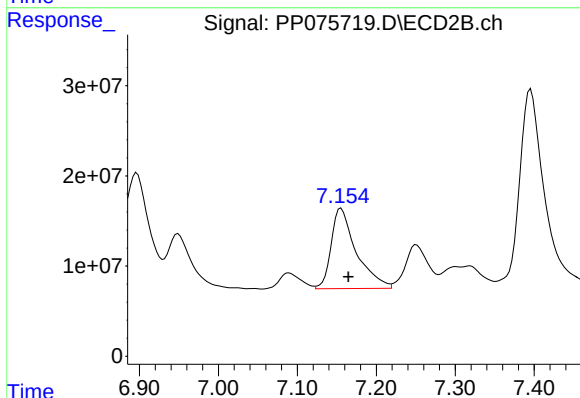
R.T.: 6.687 min  
Delta R.T.: -0.008 min  
Response: 206762996  
Conc: 483.00 ng/ml



#34 AR-1260-4

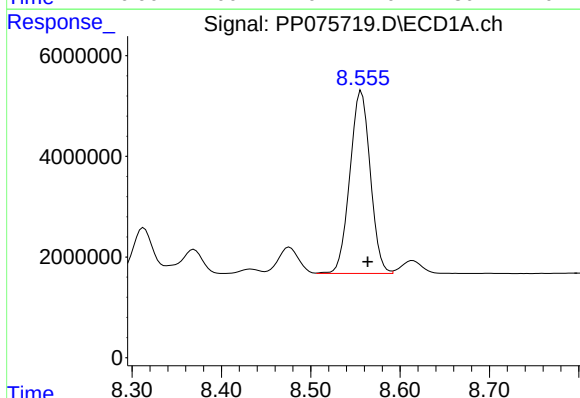
R.T.: 8.231 min  
Delta R.T.: -0.006 min  
Response: 30507548  
Conc: 539.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



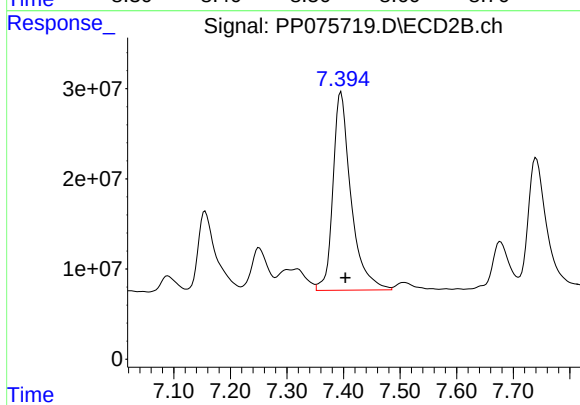
#34 AR-1260-4

R.T.: 7.155 min  
Delta R.T.: -0.009 min  
Response: 196325963  
Conc: 455.28 ng/ml



#35 AR-1260-5

R.T.: 8.557 min  
Delta R.T.: -0.007 min  
Response: 57559217  
Conc: 524.18 ng/ml



#35 AR-1260-5

R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 489056521  
Conc: 464.89 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 18:55

Initial Calibration Time(s): 08:45 17:14

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) | 5.81       | 5.81      | 5.71      | 5.91  | 0.01       |
| Aroclor-1016-2       | (2) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-3       | (3) | 5.89       | 5.89      | 5.79      | 5.99  | 0.00       |
| Aroclor-1016-4       | (4) | 5.99       | 5.99      | 5.89      | 6.09  | 0.00       |
| Aroclor-1016-5       | (5) | 6.28       | 6.28      | 6.18      | 6.38  | 0.00       |
| Aroclor-1260-1       | (1) | 7.39       | 7.40      | 7.30      | 7.50  | 0.01       |
| Aroclor-1260-2       | (2) | 7.65       | 7.65      | 7.55      | 7.75  | 0.00       |
| Aroclor-1260-3       | (3) | 8.01       | 8.01      | 7.91      | 8.11  | 0.00       |
| Aroclor-1260-4       | (4) | 8.23       | 8.24      | 8.14      | 8.34  | 0.01       |
| Aroclor-1260-5       | (5) | 8.56       | 8.56      | 8.46      | 8.66  | 0.00       |
| Tetrachloro-m-xylene |     | 4.65       | 4.66      | 4.56      | 4.76  | 0.01       |
| Decachlorobiphenyl   |     | 10.43      | 10.43     | 10.33     | 10.53 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 18:55

Initial Calibration Time(s): 08:45 17:14

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.89       | 4.89      | 4.79                   | 4.99 | 0.00       |
| Aroclor-1016-2       | (2) | 4.95       | 4.95      | 4.85                   | 5.05 | 0.00       |
| Aroclor-1016-3       | (3) | 5.07       | 5.07      | 4.97                   | 5.17 | 0.00       |
| Aroclor-1016-4       | (4) | 5.11       | 5.11      | 5.01                   | 5.21 | 0.00       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23                   | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26                   | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.54       | 6.54      | 6.44                   | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.70      | 6.60                   | 6.80 | 0.01       |
| Aroclor-1260-4       | (4) | 7.16       | 7.17      | 7.07                   | 7.27 | 0.01       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30                   | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70                   | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70                   | 8.90 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075726.D **Time Analyzed:** 18:55

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.805  | 5.708     | 5.908  | 500.590            | 500.000           | 0.1  |
| Aroclor-1016-2       | 5.826  | 5.729     | 5.929  | 505.510            | 500.000           | 1.1  |
| Aroclor-1016-3       | 5.889  | 5.792     | 5.992  | 486.290            | 500.000           | -2.7 |
| Aroclor-1016-4       | 5.986  | 5.889     | 6.089  | 524.170            | 500.000           | 4.8  |
| Aroclor-1016-5       | 6.278  | 6.181     | 6.381  | 526.640            | 500.000           | 5.3  |
| Aroclor-1260-1       | 7.394  | 7.299     | 7.499  | 491.160            | 500.000           | -1.8 |
| Aroclor-1260-2       | 7.647  | 7.551     | 7.751  | 482.040            | 500.000           | -3.6 |
| Aroclor-1260-3       | 8.005  | 7.909     | 8.109  | 522.530            | 500.000           | 4.5  |
| Aroclor-1260-4       | 8.233  | 8.137     | 8.337  | 537.420            | 500.000           | 7.5  |
| Aroclor-1260-5       | 8.558  | 8.464     | 8.664  | 527.050            | 500.000           | 5.4  |
| Decachlorobiphenyl   | 10.425 | 10.334    | 10.534 | 50.070             | 50.000            | 0.1  |
| Tetrachloro-m-xylene | 4.653  | 4.555     | 4.755  | 53.860             | 50.000            | 7.7  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/10/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075726.D **Time Analyzed:** 18:55

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.889 | 4.793     | 4.993 | 559.430            | 500.000           | 11.9  |
| Aroclor-1016-2       | 4.946 | 4.851     | 5.051 | 582.130            | 500.000           | 16.4  |
| Aroclor-1016-3       | 5.065 | 4.971     | 5.171 | 545.950            | 500.000           | 9.2   |
| Aroclor-1016-4       | 5.106 | 5.011     | 5.211 | 554.840            | 500.000           | 11.0  |
| Aroclor-1016-5       | 5.321 | 5.225     | 5.425 | 530.750            | 500.000           | 6.2   |
| Aroclor-1260-1       | 6.348 | 6.255     | 6.455 | 485.170            | 500.000           | -3.0  |
| Aroclor-1260-2       | 6.535 | 6.441     | 6.641 | 495.840            | 500.000           | -0.8  |
| Aroclor-1260-3       | 6.688 | 6.595     | 6.795 | 487.670            | 500.000           | -2.5  |
| Aroclor-1260-4       | 7.157 | 7.065     | 7.265 | 441.990            | 500.000           | -11.6 |
| Aroclor-1260-5       | 7.396 | 7.304     | 7.504 | 471.200            | 500.000           | -5.8  |
| Decachlorobiphenyl   | 8.792 | 8.703     | 8.903 | 57.300             | 50.000            | 14.6  |
| Tetrachloro-m-xylene | 3.793 | 3.696     | 3.896 | 58.270             | 50.000            | 16.5  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
 Data File : PP075726.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 18:55  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 96 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 04:56:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.653  | 3.793 | 70469693 | 355.5E6  | 53.856  | 58.273  |
| 2) SA Decachlor...          | 10.425 | 8.792 | 49951566 | 345.7E6  | 50.074  | 57.303  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.805  | 4.889 | 24080622 | 313.8E6  | 500.587 | 559.428 |
| 4) L1 AR-1016-2             | 5.826  | 4.946 | 36259175 | 149.6E6  | 505.505 | 582.128 |
| 5) L1 AR-1016-3             | 5.889  | 5.065 | 22627275 | 84768716 | 486.286 | 545.950 |
| 6) L1 AR-1016-4             | 5.986  | 5.106 | 18679807 | 81543681 | 524.174 | 554.840 |
| 7) L1 AR-1016-5             | 6.278  | 5.321 | 17759118 | 86715150 | 526.644 | 530.750 |
| 31) L7 AR-1260-1            | 7.394  | 6.348 | 29528502 | 196.9E6  | 491.163 | 485.168 |
| 32) L7 AR-1260-2            | 7.647  | 6.535 | 35091687 | 285.5E6  | 482.042 | 495.842 |
| 33) L7 AR-1260-3            | 8.005  | 6.688 | 28292689 | 208.8E6  | 522.534 | 487.670 |
| 34) L7 AR-1260-4            | 8.233  | 7.157 | 30383968 | 190.6E6  | 537.416 | 441.985 |
| 35) L7 AR-1260-5            | 8.558  | 7.396 | 57874712 | 495.7E6  | 527.052 | 471.204 |
| -----                       |        |       |          |          |         |         |

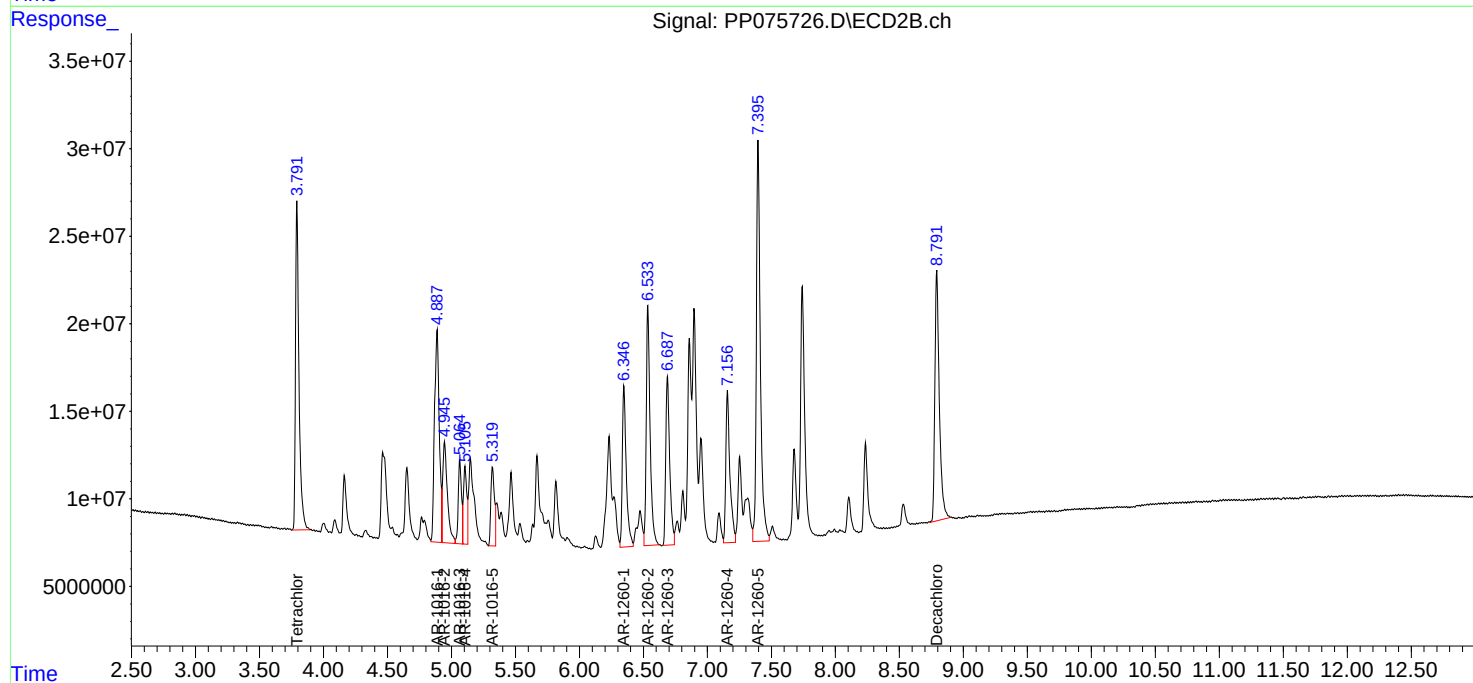
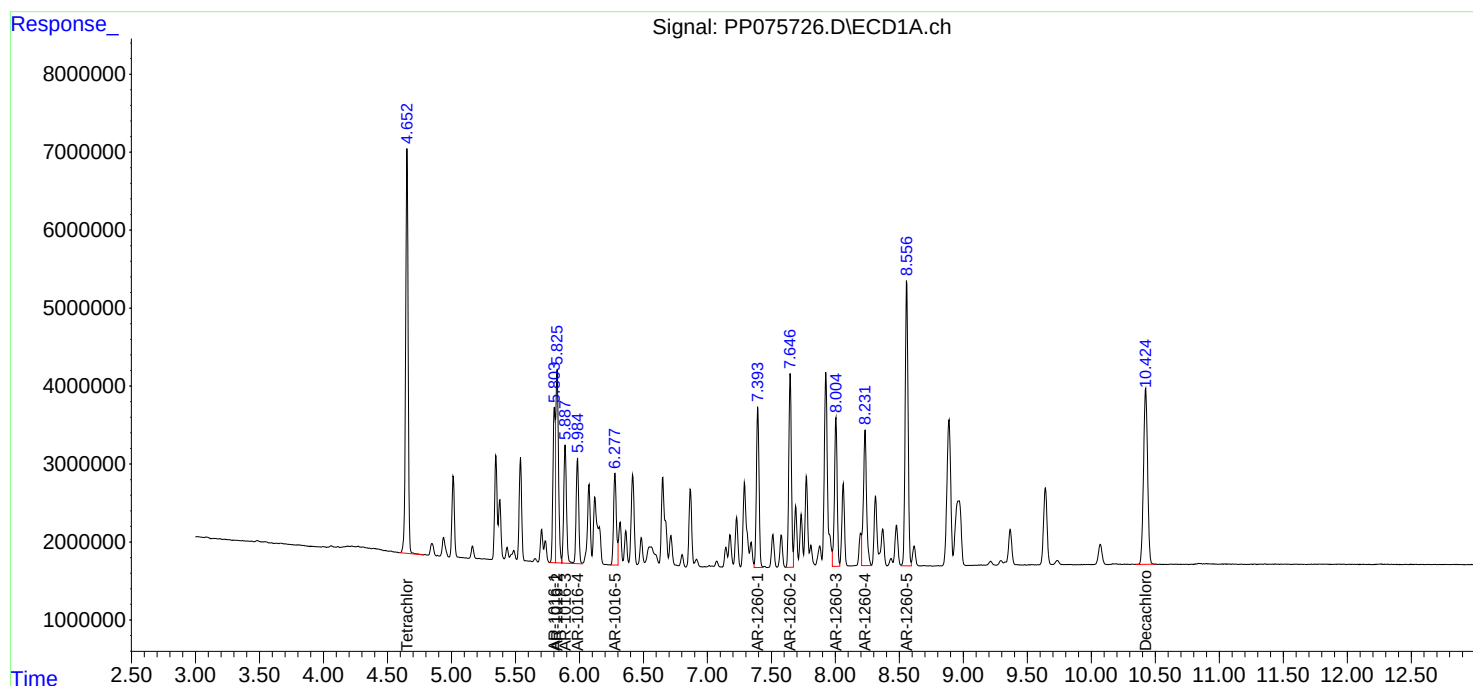
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075726.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 18:55  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 96 Sample Multiplier: 1

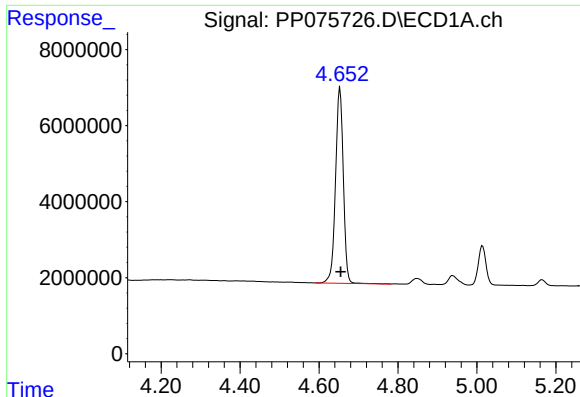
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:56:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



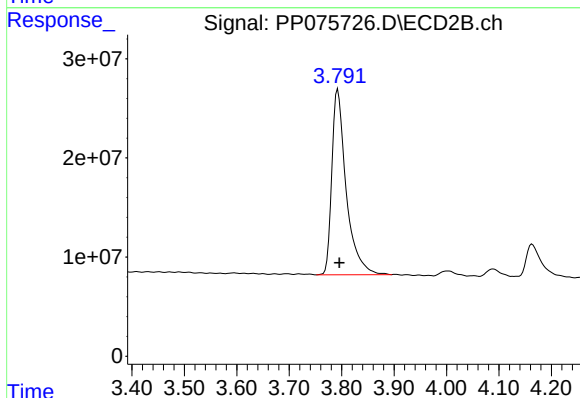




## #1 Tetrachloro-m-xylene

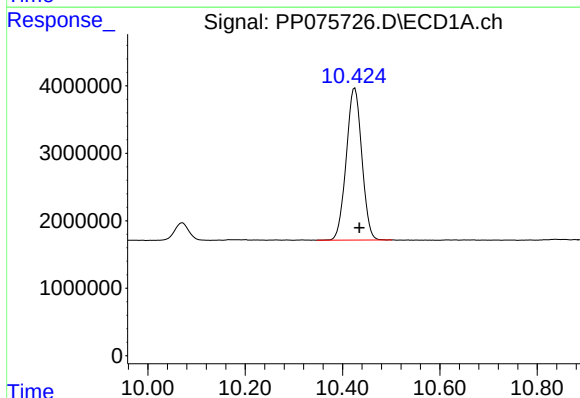
R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 70469693  
Conc: 53.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



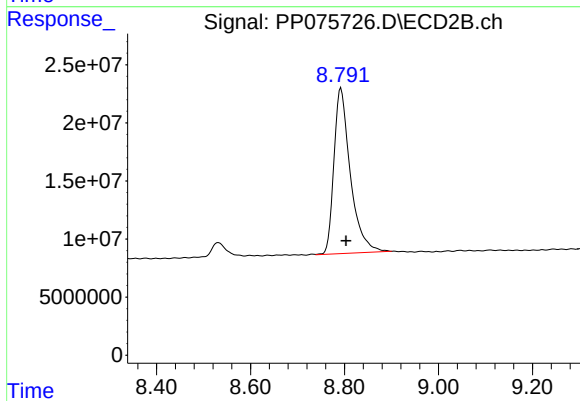
## #1 Tetrachloro-m-xylene

R.T.: 3.793 min  
Delta R.T.: -0.003 min  
Response: 355514745  
Conc: 58.27 ng/ml



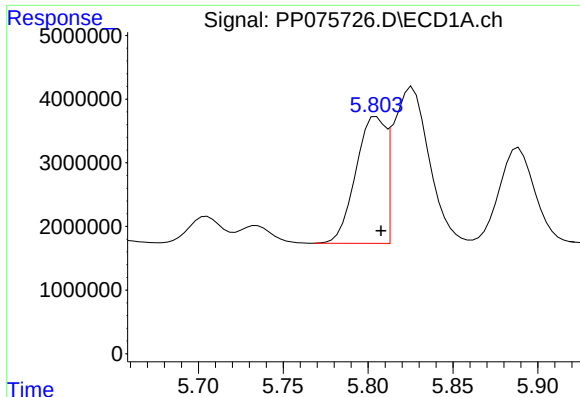
## #2 Decachlorobiphenyl

R.T.: 10.425 min  
Delta R.T.: -0.009 min  
Response: 49951566  
Conc: 50.07 ng/ml



## #2 Decachlorobiphenyl

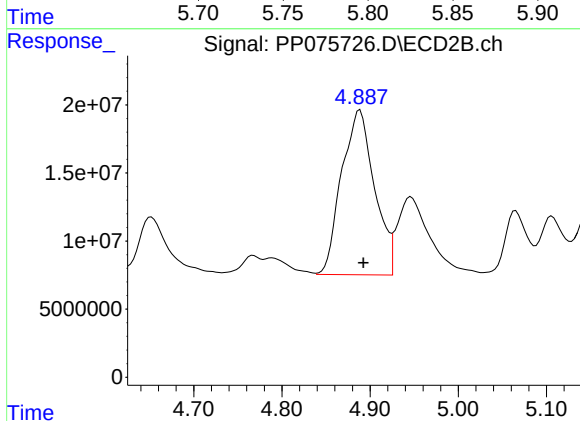
R.T.: 8.792 min  
Delta R.T.: -0.011 min  
Response: 345679752  
Conc: 57.30 ng/ml



#3 AR-1016-1

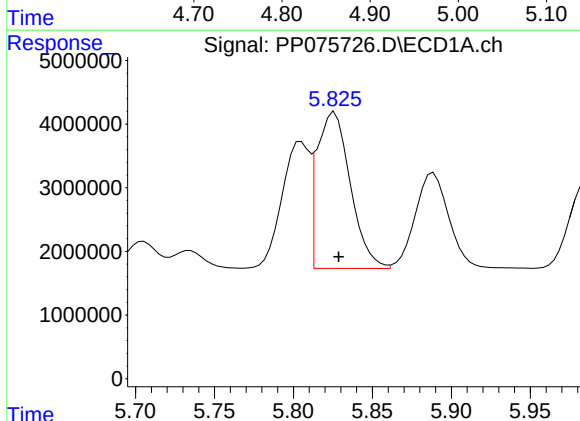
R.T.: 5.805 min  
Delta R.T.: -0.003 min  
Response: 24080622  
Conc: 500.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



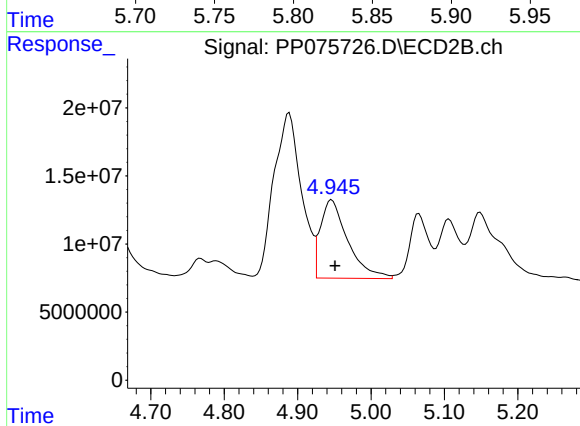
#3 AR-1016-1

R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 313846400  
Conc: 559.43 ng/ml



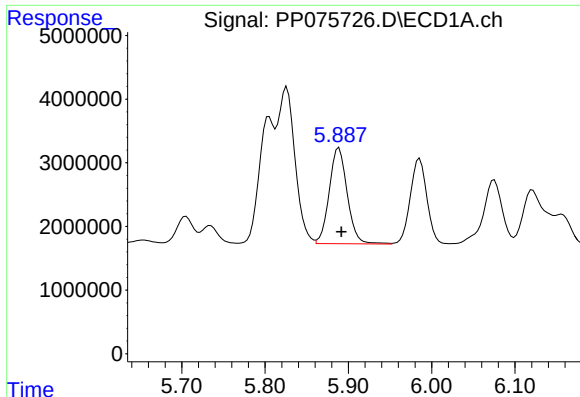
#4 AR-1016-2

R.T.: 5.826 min  
Delta R.T.: -0.003 min  
Response: 36259175  
Conc: 505.51 ng/ml



#4 AR-1016-2

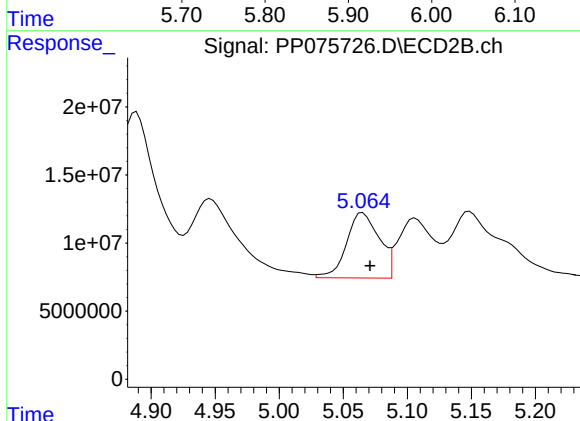
R.T.: 4.946 min  
Delta R.T.: -0.005 min  
Response: 149608254  
Conc: 582.13 ng/ml



#5 AR-1016-3

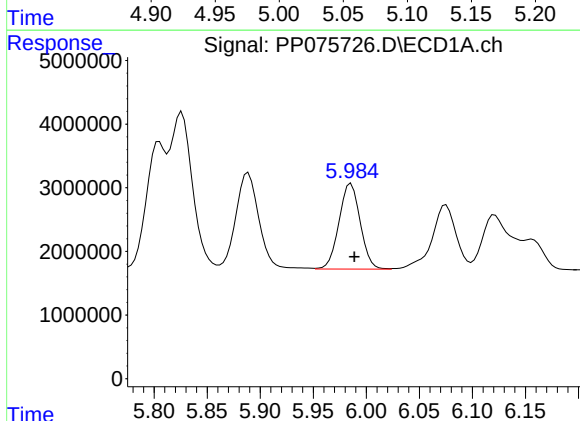
R.T.: 5.889 min  
Delta R.T.: -0.003 min  
Response: 22627275  
Conc: 486.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



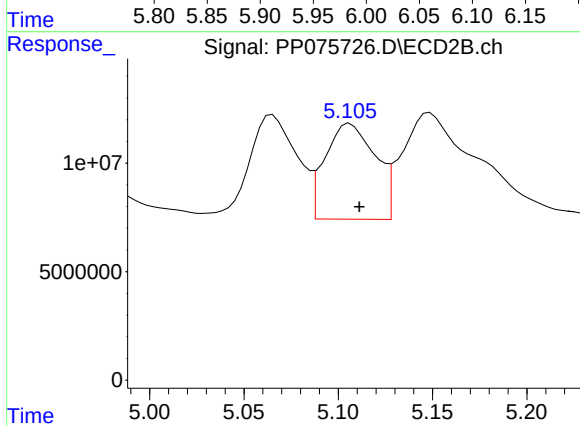
#5 AR-1016-3

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 84768716  
Conc: 545.95 ng/ml



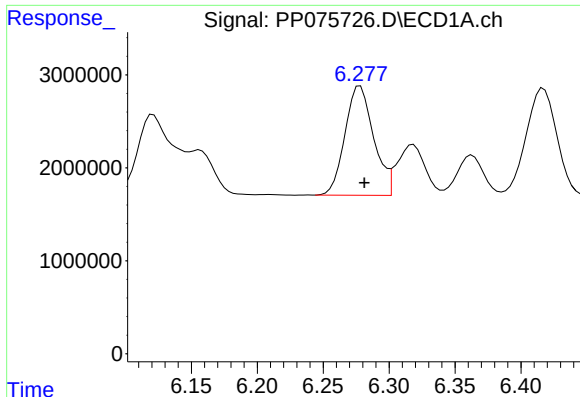
#6 AR-1016-4

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 18679807  
Conc: 524.17 ng/ml



#6 AR-1016-4

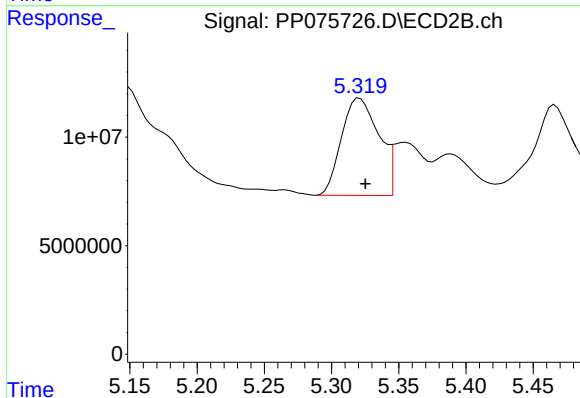
R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 81543681  
Conc: 554.84 ng/ml



#7 AR-1016-5

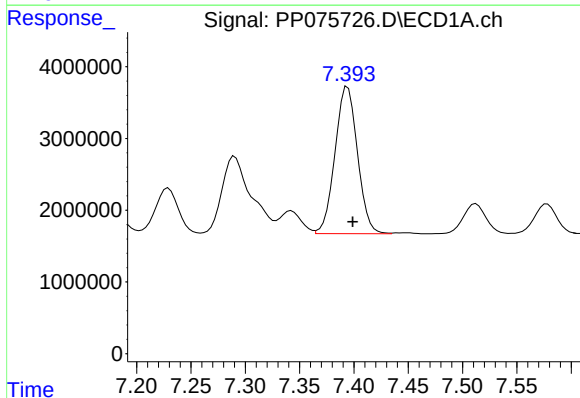
R.T.: 6.278 min  
Delta R.T.: -0.003 min  
Response: 17759118  
Conc: 526.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



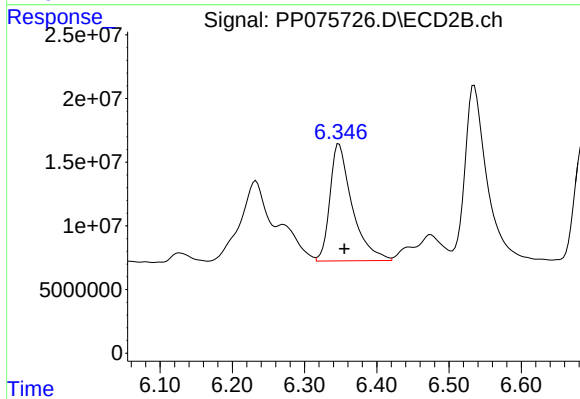
#7 AR-1016-5

R.T.: 5.321 min  
Delta R.T.: -0.004 min  
Response: 86715150  
Conc: 530.75 ng/ml



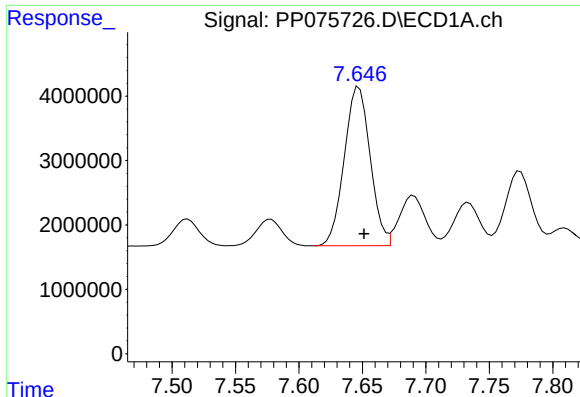
#31 AR-1260-1

R.T.: 7.394 min  
Delta R.T.: -0.005 min  
Response: 29528502  
Conc: 491.16 ng/ml



#31 AR-1260-1

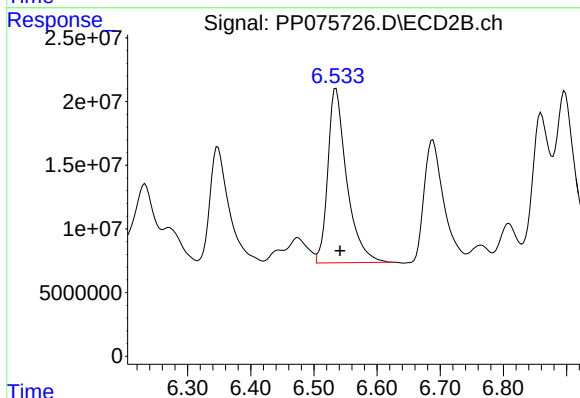
R.T.: 6.348 min  
Delta R.T.: -0.007 min  
Response: 196946827  
Conc: 485.17 ng/ml



#32 AR-1260-2

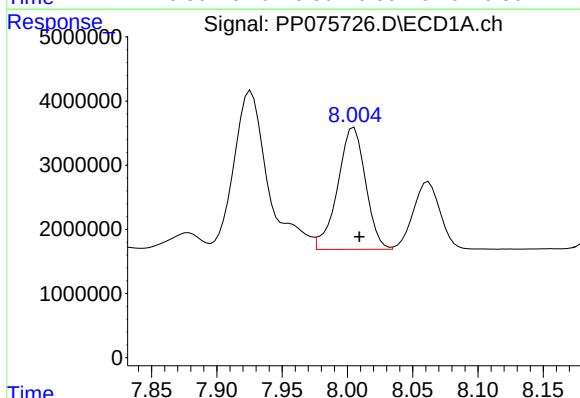
R.T.: 7.647 min  
Delta R.T.: -0.004 min  
Response: 35091687  
Conc: 482.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



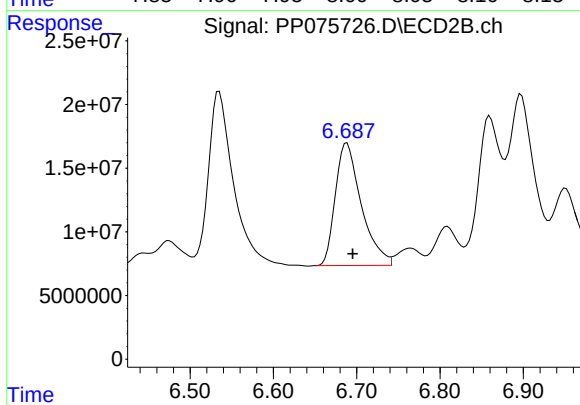
#32 AR-1260-2

R.T.: 6.535 min  
Delta R.T.: -0.006 min  
Response: 285520755  
Conc: 495.84 ng/ml



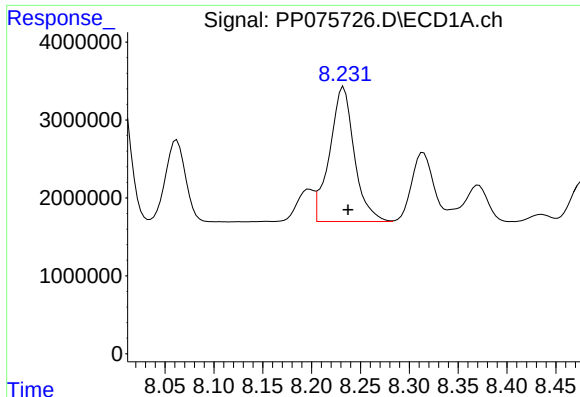
#33 AR-1260-3

R.T.: 8.005 min  
Delta R.T.: -0.004 min  
Response: 28292689  
Conc: 522.53 ng/ml



#33 AR-1260-3

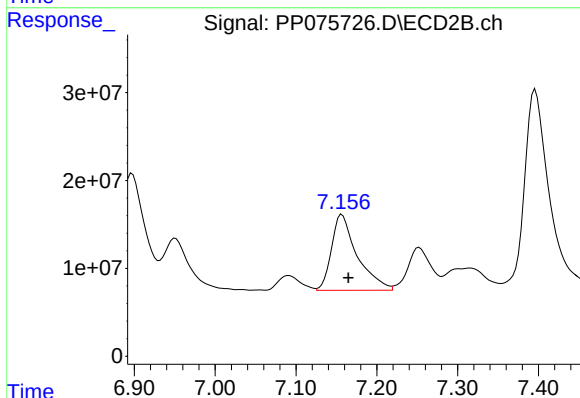
R.T.: 6.688 min  
Delta R.T.: -0.007 min  
Response: 208764068  
Conc: 487.67 ng/ml



#34 AR-1260-4

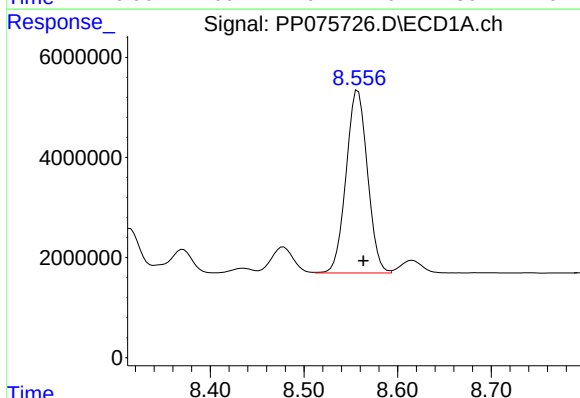
R.T.: 8.233 min  
Delta R.T.: -0.004 min  
Response: 30383968  
Conc: 537.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



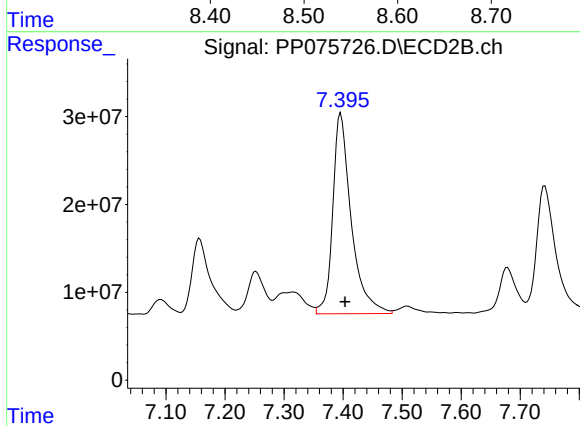
#34 AR-1260-4

R.T.: 7.157 min  
Delta R.T.: -0.008 min  
Response: 190594659  
Conc: 441.99 ng/ml



#35 AR-1260-5

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 57874712  
Conc: 527.05 ng/ml



#35 AR-1260-5

R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 495700787  
Conc: 471.20 ng/ml



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/15/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 09:46

Initial Calibration Time(s): 08:45 17:14

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) | 5.81       | 5.81      | 5.71      | 5.91  | 0.00       |
| Aroclor-1016-2       | (2) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-3       | (3) | 5.89       | 5.89      | 5.79      | 5.99  | 0.00       |
| Aroclor-1016-4       | (4) | 5.99       | 5.99      | 5.89      | 6.09  | 0.00       |
| Aroclor-1016-5       | (5) | 6.28       | 6.28      | 6.18      | 6.38  | 0.00       |
| Aroclor-1260-1       | (1) | 7.40       | 7.40      | 7.30      | 7.50  | 0.00       |
| Aroclor-1260-2       | (2) | 7.65       | 7.65      | 7.55      | 7.75  | 0.00       |
| Aroclor-1260-3       | (3) | 8.01       | 8.01      | 7.91      | 8.11  | 0.00       |
| Aroclor-1260-4       | (4) | 8.24       | 8.24      | 8.14      | 8.34  | 0.00       |
| Aroclor-1260-5       | (5) | 8.56       | 8.56      | 8.46      | 8.66  | 0.00       |
| Tetrachloro-m-xylene |     | 4.65       | 4.66      | 4.56      | 4.76  | 0.01       |
| Decachlorobiphenyl   |     | 10.43      | 10.43     | 10.33     | 10.53 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/15/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 09:46

Initial Calibration Time(s): 08:45

17:14

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) | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Aroclor-1016-2       | (2) | 4.94       | 4.95      | 4.85      | 5.05 | 0.01       |
| Aroclor-1016-3       | (3) | 5.06       | 5.07      | 4.97      | 5.17 | 0.01       |
| Aroclor-1016-4       | (4) | 5.10       | 5.11      | 5.01      | 5.21 | 0.01       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23      | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26      | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.53       | 6.54      | 6.44      | 6.64 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.70      | 6.60      | 6.80 | 0.01       |
| Aroclor-1260-4       | (4) | 7.16       | 7.17      | 7.07      | 7.27 | 0.01       |
| Aroclor-1260-5       | (5) | 7.39       | 7.40      | 7.30      | 7.50 | 0.01       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70      | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.79       | 8.80      | 8.70      | 8.90 | 0.01       |





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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075786.D **Time Analyzed:** 09:46

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.806  | 5.708     | 5.908  | 519.890            | 500.000           | 4.0   |
| Aroclor-1016-2       | 5.828  | 5.729     | 5.929  | 529.600            | 500.000           | 5.9   |
| Aroclor-1016-3       | 5.891  | 5.792     | 5.992  | 503.430            | 500.000           | 0.7   |
| Aroclor-1016-4       | 5.988  | 5.889     | 6.089  | 537.410            | 500.000           | 7.5   |
| Aroclor-1016-5       | 6.280  | 6.181     | 6.381  | 557.250            | 500.000           | 11.5  |
| Aroclor-1260-1       | 7.397  | 7.299     | 7.499  | 516.730            | 500.000           | 3.3   |
| Aroclor-1260-2       | 7.649  | 7.551     | 7.751  | 508.790            | 500.000           | 1.8   |
| Aroclor-1260-3       | 8.008  | 7.909     | 8.109  | 552.740            | 500.000           | 10.5  |
| Aroclor-1260-4       | 8.236  | 8.137     | 8.337  | 572.880            | 500.000           | 14.6  |
| Aroclor-1260-5       | 8.561  | 8.464     | 8.664  | 561.840            | 500.000           | 12.4  |
| Decachlorobiphenyl   | 10.431 | 10.334    | 10.534 | 43.700             | 50.000            | -12.6 |
| Tetrachloro-m-xylene | 4.654  | 4.555     | 4.755  | 47.940             | 50.000            | -4.1  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075786.D **Time Analyzed:** 09:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.886 | 4.793     | 4.993 | 525.300            | 500.000           | 5.1  |
| Aroclor-1016-2       | 4.943 | 4.851     | 5.051 | 548.930            | 500.000           | 9.8  |
| Aroclor-1016-3       | 5.064 | 4.971     | 5.171 | 463.710            | 500.000           | -7.3 |
| Aroclor-1016-4       | 5.104 | 5.011     | 5.211 | 526.750            | 500.000           | 5.4  |
| Aroclor-1016-5       | 5.317 | 5.225     | 5.425 | 517.290            | 500.000           | 3.5  |
| Aroclor-1260-1       | 6.346 | 6.255     | 6.455 | 496.140            | 500.000           | -0.8 |
| Aroclor-1260-2       | 6.533 | 6.441     | 6.641 | 494.070            | 500.000           | -1.2 |
| Aroclor-1260-3       | 6.686 | 6.595     | 6.795 | 491.330            | 500.000           | -1.7 |
| Aroclor-1260-4       | 7.155 | 7.065     | 7.265 | 454.800            | 500.000           | -9.0 |
| Aroclor-1260-5       | 7.394 | 7.304     | 7.504 | 474.360            | 500.000           | -5.1 |
| Decachlorobiphenyl   | 8.791 | 8.703     | 8.903 | 46.510             | 50.000            | -7.0 |
| Tetrachloro-m-xylene | 3.790 | 3.696     | 3.896 | 47.550             | 50.000            | -4.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
 Data File : PP075786.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 09:46  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:44:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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... | 4.654  | 3.790 | 62726735 | 290.1E6  | 47.939  | 47.552  |
| 2)                          | SA Decachlor... | 10.431 | 8.791 | 43592505 | 280.6E6  | 43.700  | 46.509  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 3)                          | L1 AR-1016-1    | 5.806  | 4.886 | 25009370 | 294.7E6  | 519.894 | 525.297 |
| 4)                          | L1 AR-1016-2    | 5.828  | 4.943 | 37987372 | 141.1E6  | 529.599 | 548.932 |
| 5)                          | L1 AR-1016-3    | 5.891  | 5.064 | 23425203 | 71999479 | 503.435 | 463.710 |
| 6)                          | L1 AR-1016-4    | 5.988  | 5.104 | 19151423 | 77416082 | 537.408 | 526.755 |
| 7)                          | L1 AR-1016-5    | 6.280  | 5.317 | 18791291 | 84515379 | 557.253 | 517.286 |
| 31)                         | L7 AR-1260-1    | 7.397  | 6.346 | 31065374 | 201.4E6  | 516.727 | 496.137 |
| 32)                         | L7 AR-1260-2    | 7.649  | 6.533 | 37038590 | 284.5E6  | 508.786 | 494.066 |
| 33)                         | L7 AR-1260-3    | 8.008  | 6.686 | 29928023 | 210.3E6  | 552.737 | 491.331 |
| 34)                         | L7 AR-1260-4    | 8.236  | 7.155 | 32388758 | 196.1E6  | 572.876 | 454.799 |
| 35)                         | L7 AR-1260-5    | 8.561  | 7.394 | 61695014 | 499.0E6  | 561.843 | 474.356 |
| -----                       |                 |        |       |          |          |         |         |

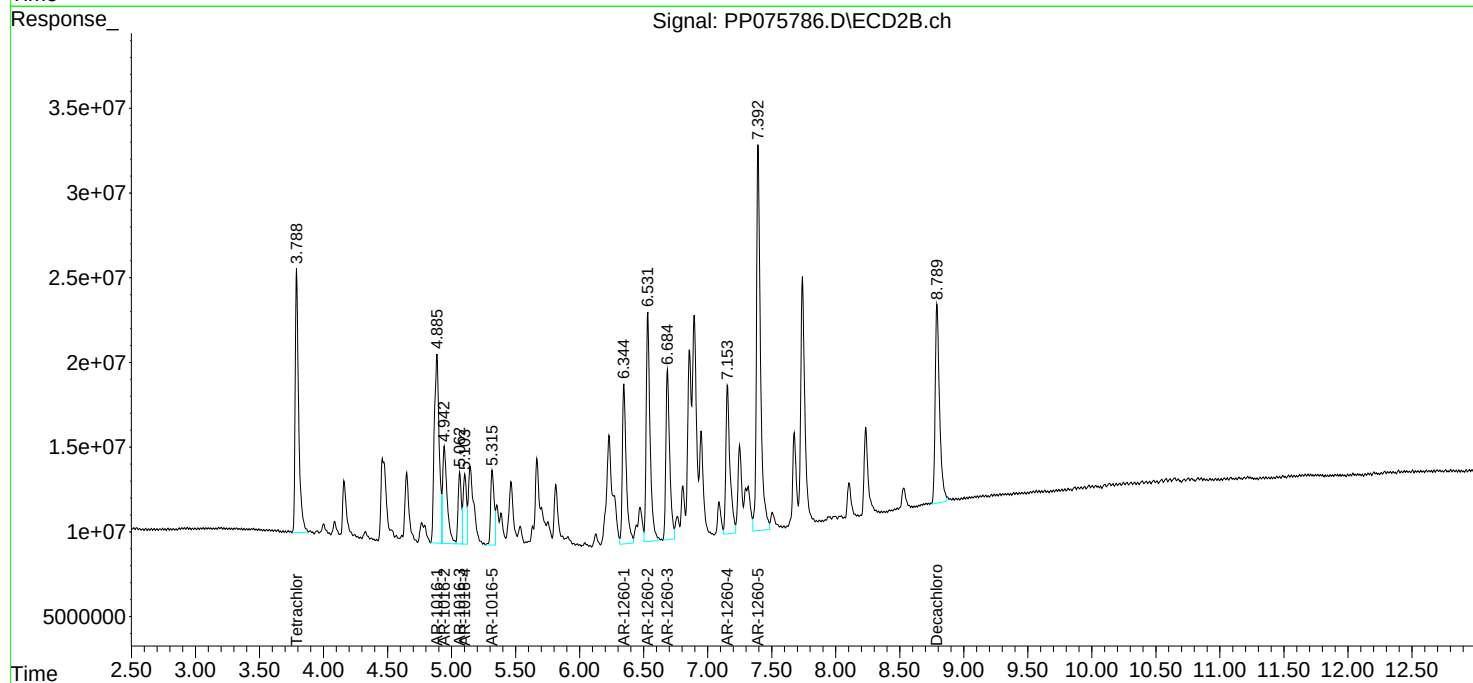
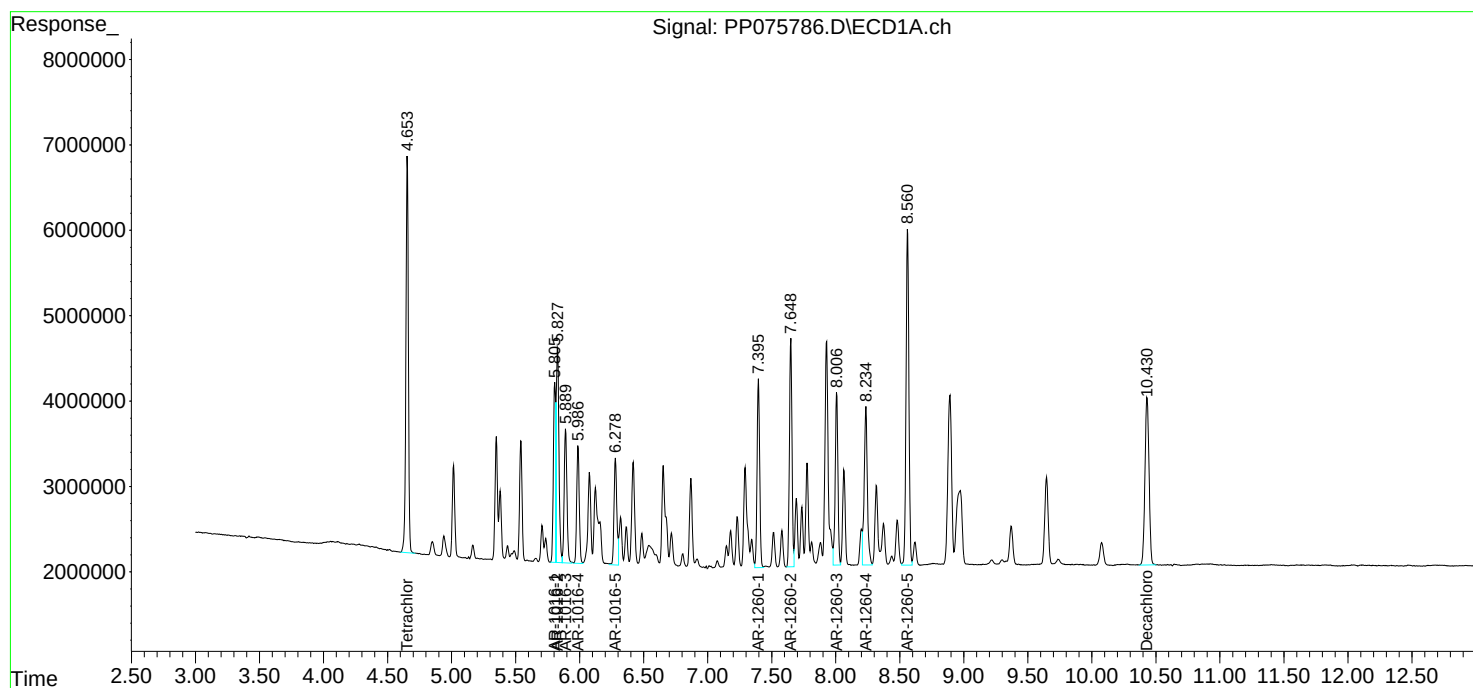
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

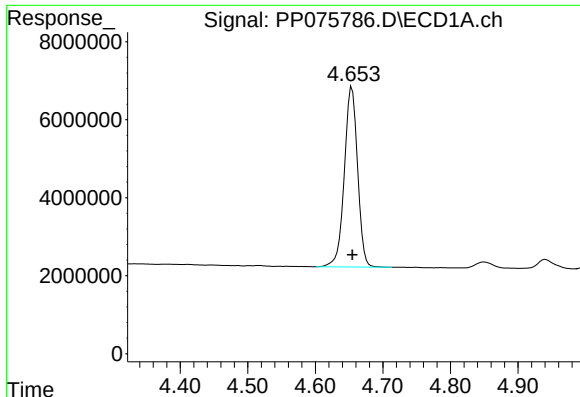
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075786.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 09:46  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:44:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

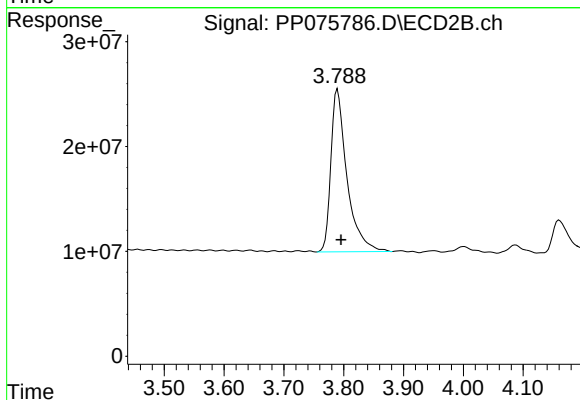




## #1 Tetrachloro-m-xylene

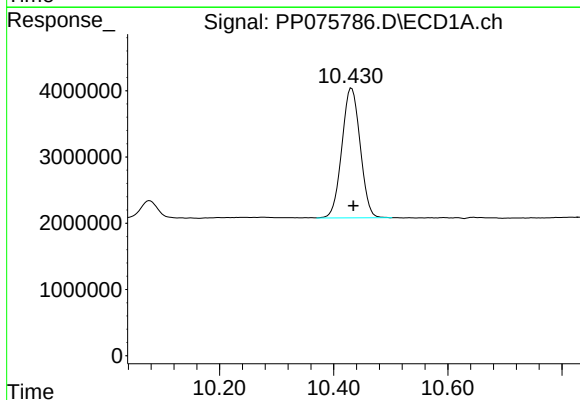
R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 62726735  
Conc: 47.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



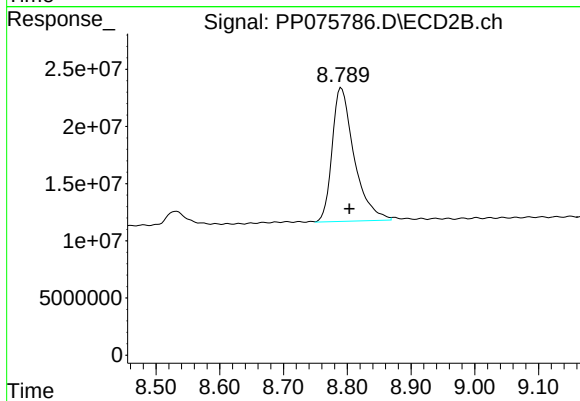
## #1 Tetrachloro-m-xylene

R.T.: 3.790 min  
Delta R.T.: -0.006 min  
Response: 290112250  
Conc: 47.55 ng/ml



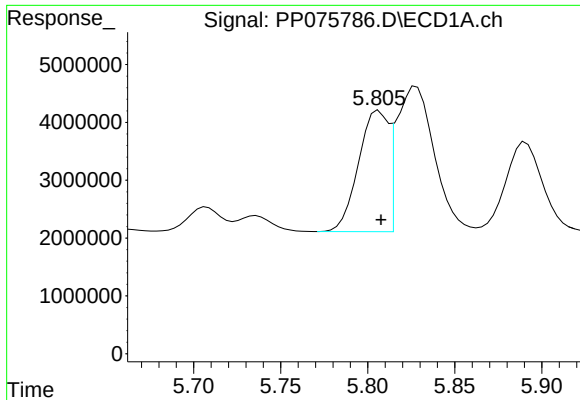
## #2 Decachlorobiphenyl

R.T.: 10.431 min  
Delta R.T.: -0.003 min  
Response: 43592505  
Conc: 43.70 ng/ml



## #2 Decachlorobiphenyl

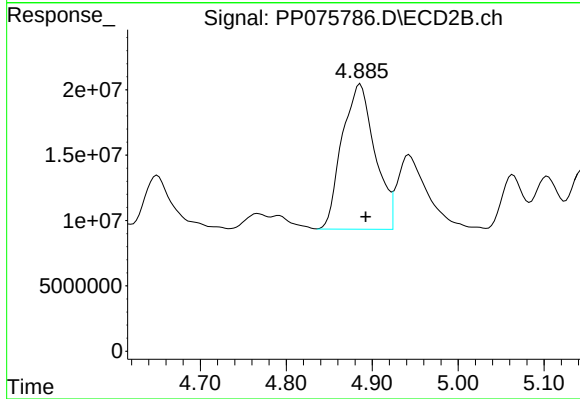
R.T.: 8.791 min  
Delta R.T.: -0.013 min  
Response: 280562871  
Conc: 46.51 ng/ml



#3 AR-1016-1

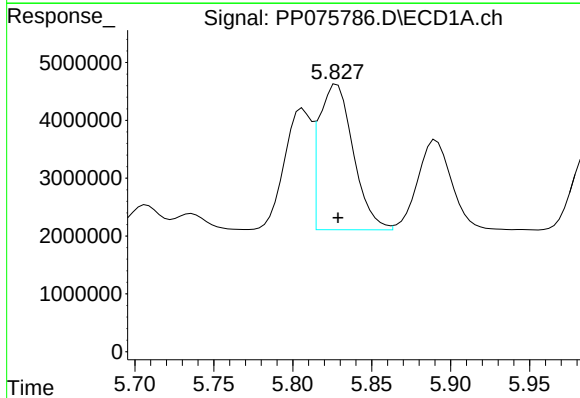
R.T.: 5.806 min  
Delta R.T.: -0.001 min  
Response: 25009370  
Conc: 519.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



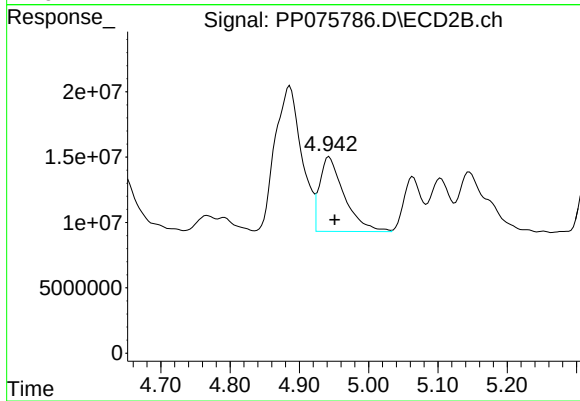
#3 AR-1016-1

R.T.: 4.886 min  
Delta R.T.: -0.006 min  
Response: 294698779  
Conc: 525.30 ng/ml



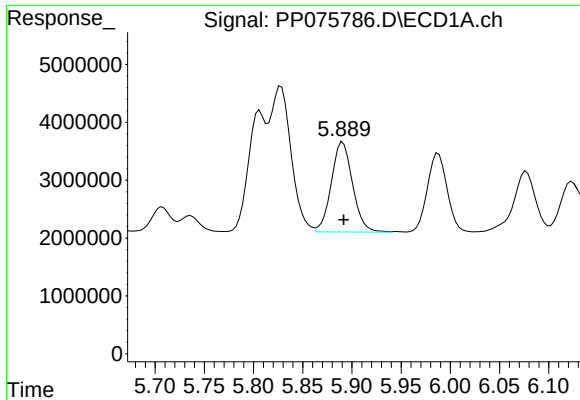
#4 AR-1016-2

R.T.: 5.828 min  
Delta R.T.: 0.000 min  
Response: 37987372  
Conc: 529.60 ng/ml



#4 AR-1016-2

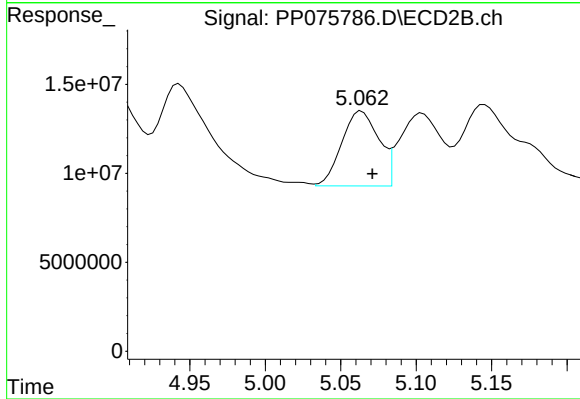
R.T.: 4.943 min  
Delta R.T.: -0.008 min  
Response: 141076654  
Conc: 548.93 ng/ml



#5 AR-1016-3

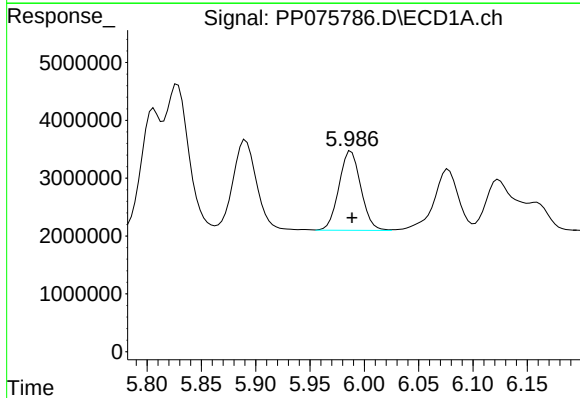
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 23425203  
Conc: 503.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



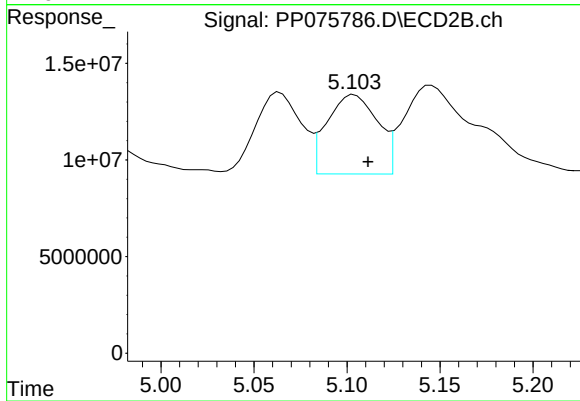
#5 AR-1016-3

R.T.: 5.064 min  
Delta R.T.: -0.007 min  
Response: 71999479  
Conc: 463.71 ng/ml



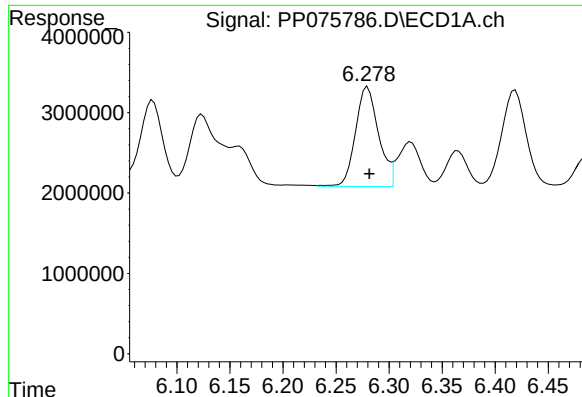
#6 AR-1016-4

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 19151423  
Conc: 537.41 ng/ml



#6 AR-1016-4

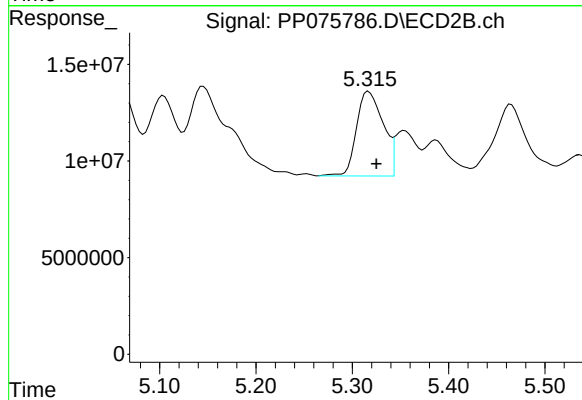
R.T.: 5.104 min  
Delta R.T.: -0.007 min  
Response: 77416082  
Conc: 526.75 ng/ml



#7 AR-1016-5

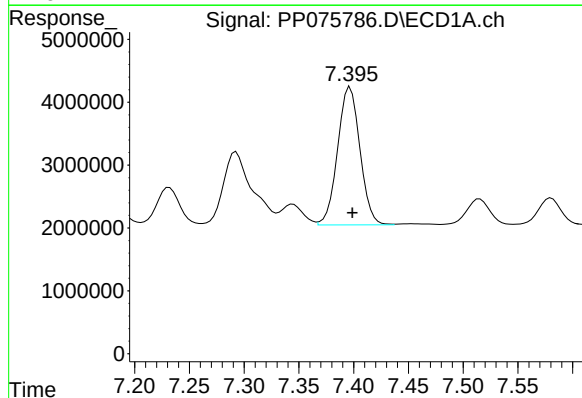
R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 18791291  
Conc: 557.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



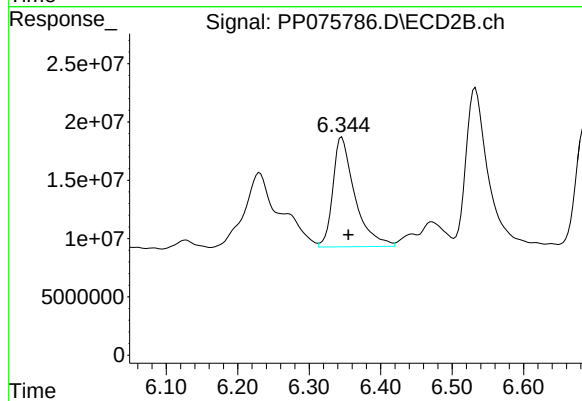
#7 AR-1016-5

R.T.: 5.317 min  
Delta R.T.: -0.008 min  
Response: 84515379  
Conc: 517.29 ng/ml



#31 AR-1260-1

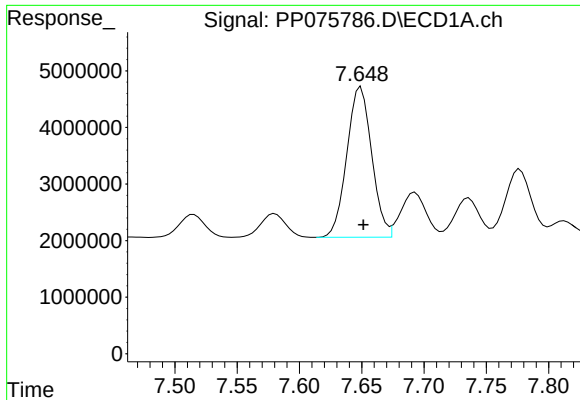
R.T.: 7.397 min  
Delta R.T.: -0.002 min  
Response: 31065374  
Conc: 516.73 ng/ml



#31 AR-1260-1

R.T.: 6.346 min  
Delta R.T.: -0.009 min  
Response: 201399366  
Conc: 496.14 ng/ml

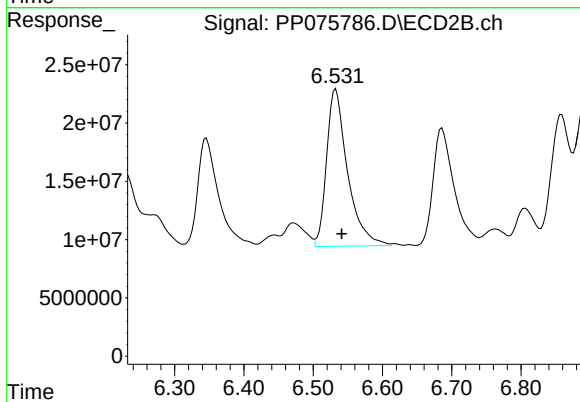




#32 AR-1260-2

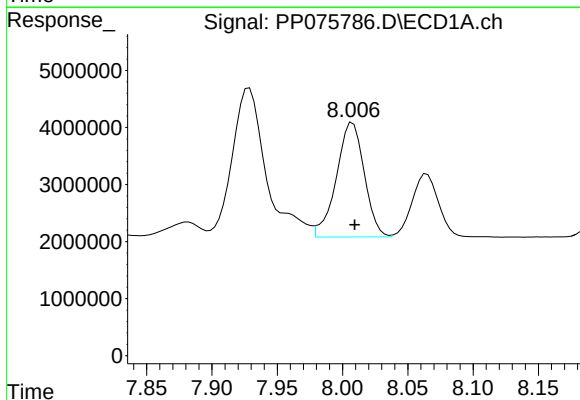
R.T.: 7.649 min  
Delta R.T.: -0.002 min  
Response: 37038590  
Conc: 508.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



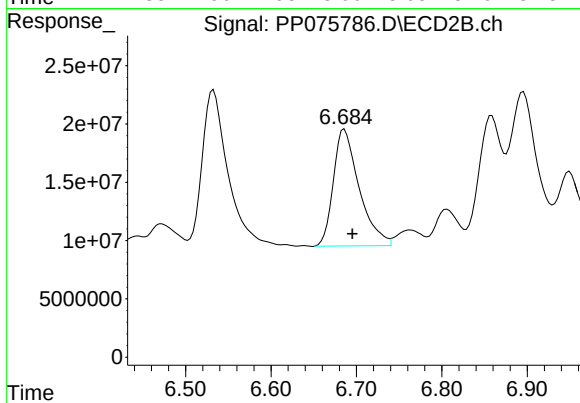
#32 AR-1260-2

R.T.: 6.533 min  
Delta R.T.: -0.009 min  
Response: 284497968  
Conc: 494.07 ng/ml



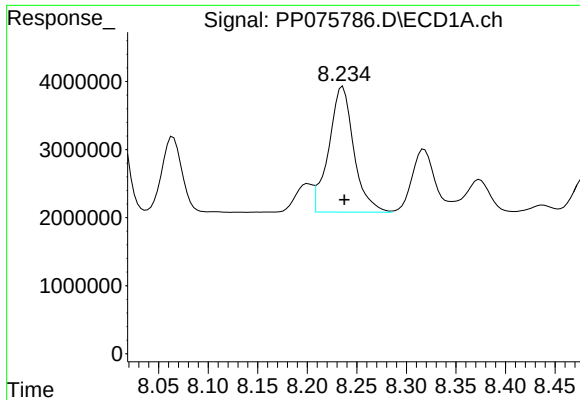
#33 AR-1260-3

R.T.: 8.008 min  
Delta R.T.: -0.002 min  
Response: 29928023  
Conc: 552.74 ng/ml



#33 AR-1260-3

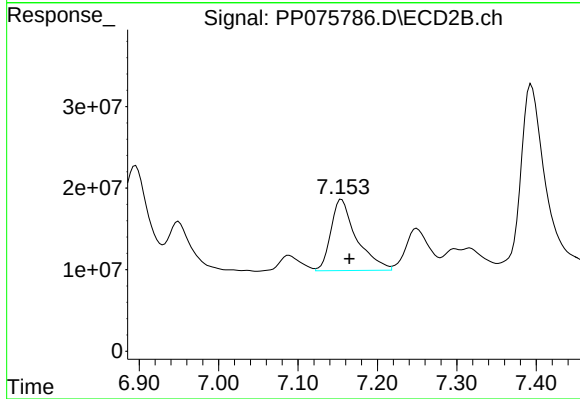
R.T.: 6.686 min  
Delta R.T.: -0.009 min  
Response: 210331598  
Conc: 491.33 ng/ml



#34 AR-1260-4

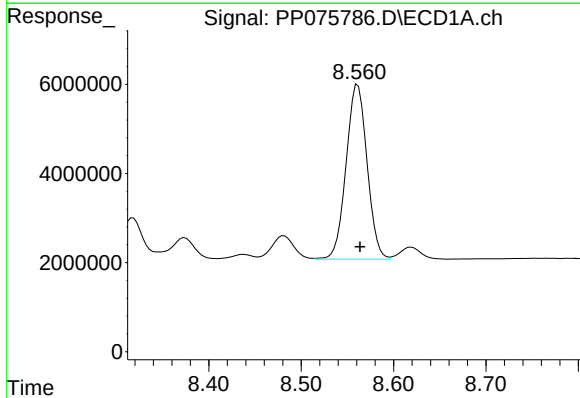
R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 32388758  
Conc: 572.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



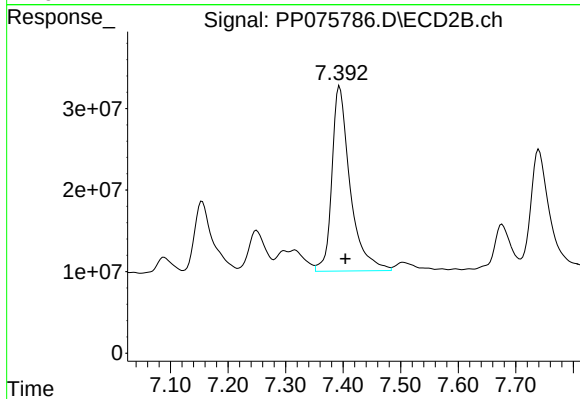
#34 AR-1260-4

R.T.: 7.155 min  
Delta R.T.: -0.010 min  
Response: 196120445  
Conc: 454.80 ng/ml



#35 AR-1260-5

R.T.: 8.561 min  
Delta R.T.: -0.002 min  
Response: 61695014  
Conc: 561.84 ng/ml



#35 AR-1260-5

R.T.: 7.394 min  
Delta R.T.: -0.010 min  
Response: 499017139  
Conc: 474.36 ng/ml



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/15/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 15:46

Initial Calibration Time(s): 08:45 17:14

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) | 5.81       | 5.81      | 5.71      | 5.91  | 0.00       |
| Aroclor-1016-2       | (2) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-3       | (3) | 5.89       | 5.89      | 5.79      | 5.99  | 0.00       |
| Aroclor-1016-4       | (4) | 5.99       | 5.99      | 5.89      | 6.09  | 0.00       |
| Aroclor-1016-5       | (5) | 6.28       | 6.28      | 6.18      | 6.38  | 0.00       |
| Aroclor-1260-1       | (1) | 7.40       | 7.40      | 7.30      | 7.50  | 0.00       |
| Aroclor-1260-2       | (2) | 7.65       | 7.65      | 7.55      | 7.75  | 0.00       |
| Aroclor-1260-3       | (3) | 8.01       | 8.01      | 7.91      | 8.11  | 0.00       |
| Aroclor-1260-4       | (4) | 8.24       | 8.24      | 8.14      | 8.34  | 0.00       |
| Aroclor-1260-5       | (5) | 8.56       | 8.56      | 8.46      | 8.66  | 0.00       |
| Tetrachloro-m-xylene |     | 4.66       | 4.66      | 4.56      | 4.76  | 0.00       |
| Decachlorobiphenyl   |     | 10.43      | 10.43     | 10.33     | 10.53 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Continuing Calib Date: 10/15/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 15:46

Initial Calibration Time(s): 08:45 17:14

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) | 4.89       | 4.89      | 4.79      | 4.99 | 0.00       |
| Aroclor-1016-2       | (2) | 4.95       | 4.95      | 4.85      | 5.05 | 0.00       |
| Aroclor-1016-3       | (3) | 5.07       | 5.07      | 4.97      | 5.17 | 0.00       |
| Aroclor-1016-4       | (4) | 5.11       | 5.11      | 5.01      | 5.21 | 0.00       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23      | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26      | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.54       | 6.54      | 6.44      | 6.64 | 0.00       |
| Aroclor-1260-3       | (3) | 6.69       | 6.70      | 6.60      | 6.80 | 0.01       |
| Aroclor-1260-4       | (4) | 7.16       | 7.17      | 7.07      | 7.27 | 0.01       |
| Aroclor-1260-5       | (5) | 7.40       | 7.40      | 7.30      | 7.50 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70      | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.80       | 8.80      | 8.70      | 8.90 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3321

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2025 09/23/2025

Client Sample No.: CCAL05 Date Analyzed: 10/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP075801.D Time Analyzed: 15:46

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|-----------|--------|--------------------|-------------------|-------|
|                      |        | FROM      | TO     |                    |                   |       |
| Aroclor-1016-1       | 5.807  | 5.708     | 5.908  | 513.930            | 500.000           | 2.8   |
| Aroclor-1016-2       | 5.829  | 5.729     | 5.929  | 519.260            | 500.000           | 3.9   |
| Aroclor-1016-3       | 5.892  | 5.792     | 5.992  | 499.150            | 500.000           | -0.2  |
| Aroclor-1016-4       | 5.989  | 5.889     | 6.089  | 533.780            | 500.000           | 6.8   |
| Aroclor-1016-5       | 6.281  | 6.181     | 6.381  | 534.710            | 500.000           | 6.9   |
| Aroclor-1260-1       | 7.398  | 7.299     | 7.499  | 498.360            | 500.000           | -0.3  |
| Aroclor-1260-2       | 7.651  | 7.551     | 7.751  | 491.270            | 500.000           | -1.7  |
| Aroclor-1260-3       | 8.010  | 7.909     | 8.109  | 534.130            | 500.000           | 6.8   |
| Aroclor-1260-4       | 8.238  | 8.137     | 8.337  | 549.030            | 500.000           | 9.8   |
| Aroclor-1260-5       | 8.563  | 8.464     | 8.664  | 542.640            | 500.000           | 8.5   |
| Decachlorobiphenyl   | 10.434 | 10.334    | 10.534 | 42.640             | 50.000            | -14.7 |
| Tetrachloro-m-xylene | 4.655  | 4.555     | 4.755  | 47.020             | 50.000            | -6.0  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ROYF02  
**Lab Code:** ACE **SDG NO.:** Q3321  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 10/15/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP075801.D **Time Analyzed:** 15:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.889 | 4.793     | 4.993 | 515.970            | 500.000           | 3.2   |
| Aroclor-1016-2       | 4.946 | 4.851     | 5.051 | 540.120            | 500.000           | 8.0   |
| Aroclor-1016-3       | 5.066 | 4.971     | 5.171 | 490.520            | 500.000           | -1.9  |
| Aroclor-1016-4       | 5.106 | 5.011     | 5.211 | 526.890            | 500.000           | 5.4   |
| Aroclor-1016-5       | 5.321 | 5.225     | 5.425 | 528.950            | 500.000           | 5.8   |
| Aroclor-1260-1       | 6.349 | 6.255     | 6.455 | 478.440            | 500.000           | -4.3  |
| Aroclor-1260-2       | 6.536 | 6.441     | 6.641 | 493.970            | 500.000           | -1.2  |
| Aroclor-1260-3       | 6.689 | 6.595     | 6.795 | 503.510            | 500.000           | 0.7   |
| Aroclor-1260-4       | 7.159 | 7.065     | 7.265 | 441.490            | 500.000           | -11.7 |
| Aroclor-1260-5       | 7.399 | 7.304     | 7.504 | 466.040            | 500.000           | -6.8  |
| Decachlorobiphenyl   | 8.795 | 8.703     | 8.903 | 47.140             | 50.000            | -5.7  |
| Tetrachloro-m-xylene | 3.793 | 3.696     | 3.896 | 47.140             | 50.000            | -5.7  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
 Data File : PP075801.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 15:46  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:54:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.655  | 3.793 | 61518779 | 287.6E6  | 47.015  | 47.142  |
| 2) SA Decachlor...          | 10.434 | 8.795 | 42532350 | 284.4E6  | 42.637  | 47.144  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.807  | 4.889 | 24722441 | 289.5E6  | 513.929 | 515.974 |
| 4) L1 AR-1016-2             | 5.829  | 4.946 | 37245462 | 138.8E6  | 519.255 | 540.124 |
| 5) L1 AR-1016-3             | 5.892  | 5.066 | 23225962 | 76162293 | 499.153 | 490.520 |
| 6) L1 AR-1016-4             | 5.989  | 5.106 | 19022197 | 77436509 | 533.782 | 526.894 |
| 7) L1 AR-1016-5             | 6.281  | 5.321 | 18031149 | 86421673 | 534.711 | 528.954 |
| 31) L7 AR-1260-1            | 7.398  | 6.349 | 29960975 | 194.2E6  | 498.357 | 478.438 |
| 32) L7 AR-1260-2            | 7.651  | 6.536 | 35763290 | 284.4E6  | 491.267 | 493.973 |
| 33) L7 AR-1260-3            | 8.010  | 6.689 | 28920810 | 215.5E6  | 534.135 | 503.513 |
| 34) L7 AR-1260-4            | 8.238  | 7.159 | 31040537 | 190.4E6  | 549.029 | 441.491 |
| 35) L7 AR-1260-5            | 8.563  | 7.399 | 59585896 | 490.3E6  | 542.636 | 466.040 |
| -----                       |        |       |          |          |         |         |

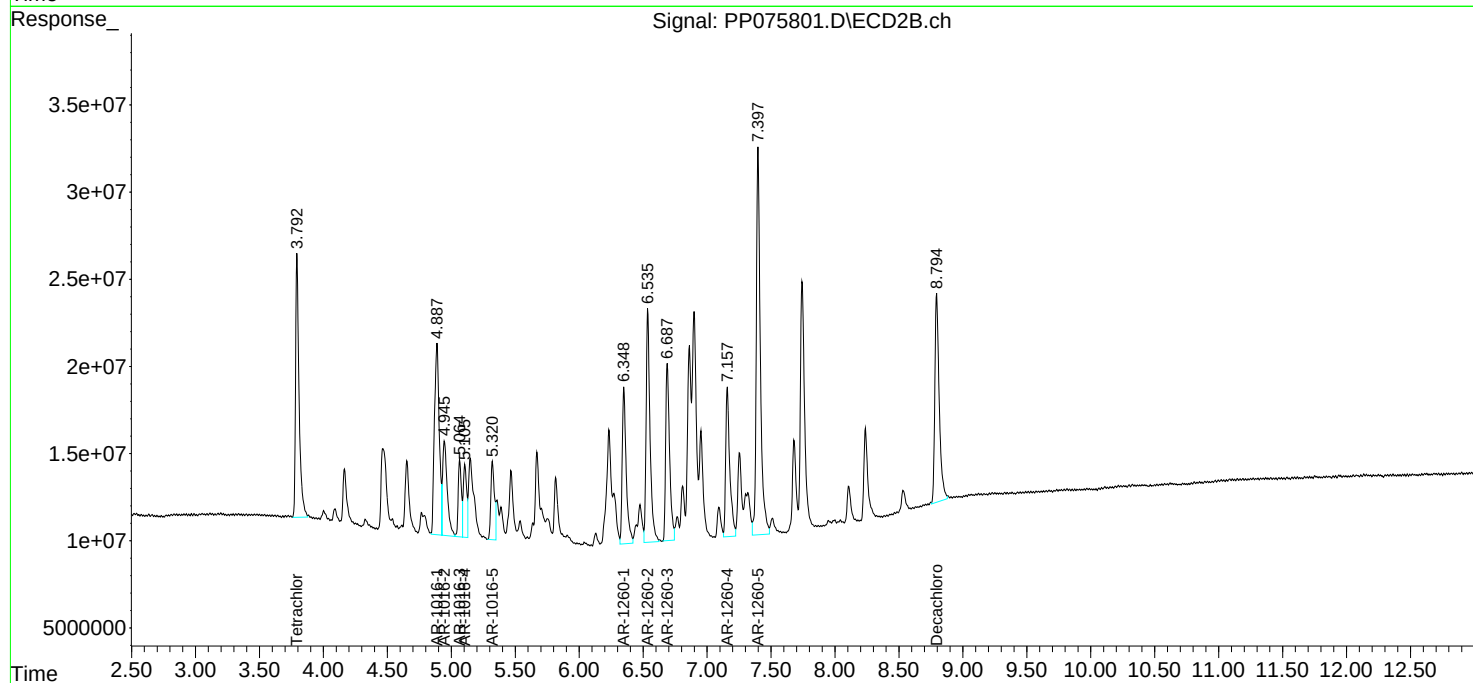
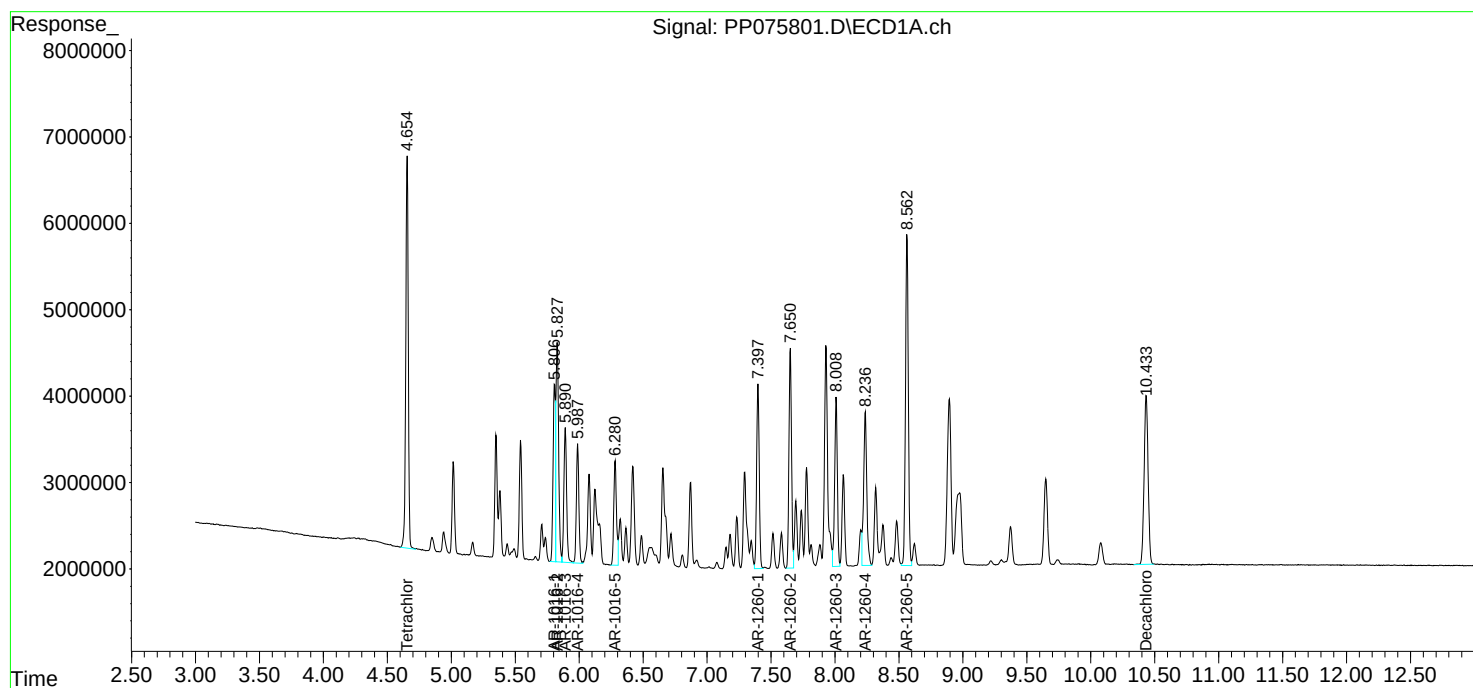
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075801.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 15:46  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

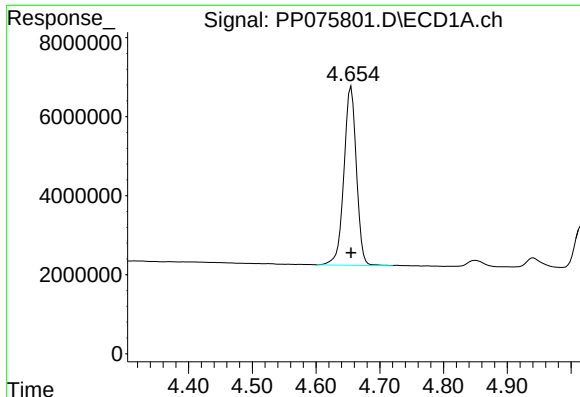
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:54:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



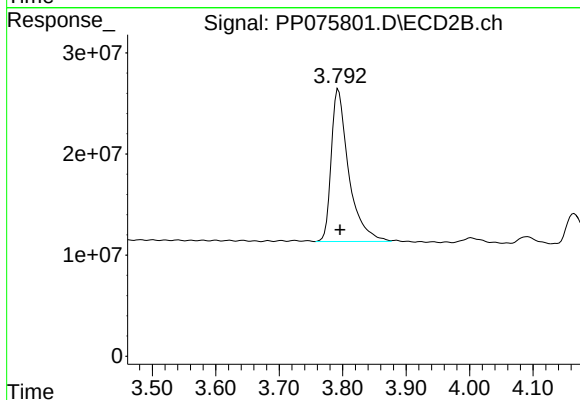




## #1 Tetrachloro-m-xylene

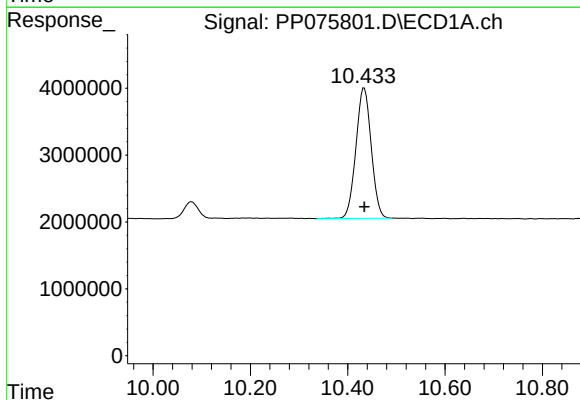
R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 61518779  
Conc: 47.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



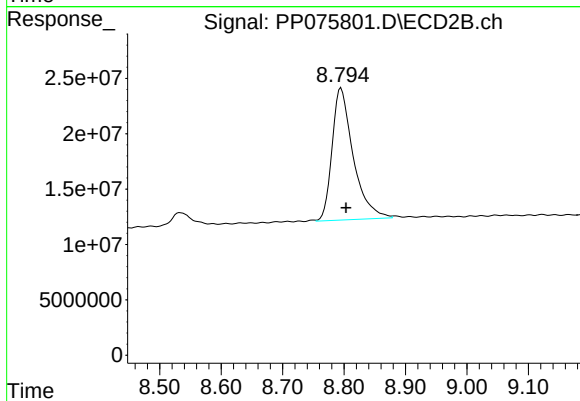
## #1 Tetrachloro-m-xylene

R.T.: 3.793 min  
Delta R.T.: -0.003 min  
Response: 287605913  
Conc: 47.14 ng/ml



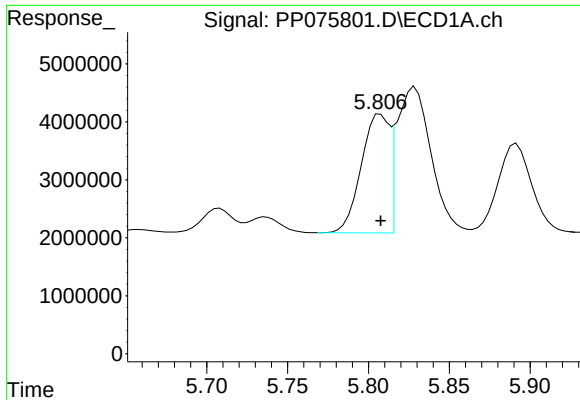
## #2 Decachlorobiphenyl

R.T.: 10.434 min  
Delta R.T.: 0.000 min  
Response: 42532350  
Conc: 42.64 ng/ml



## #2 Decachlorobiphenyl

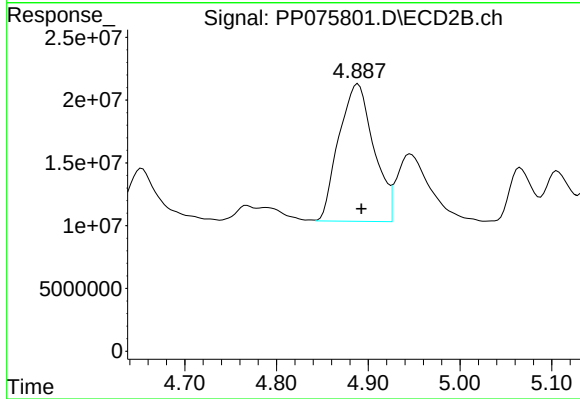
R.T.: 8.795 min  
Delta R.T.: -0.008 min  
Response: 284397745  
Conc: 47.14 ng/ml



#3 AR-1016-1

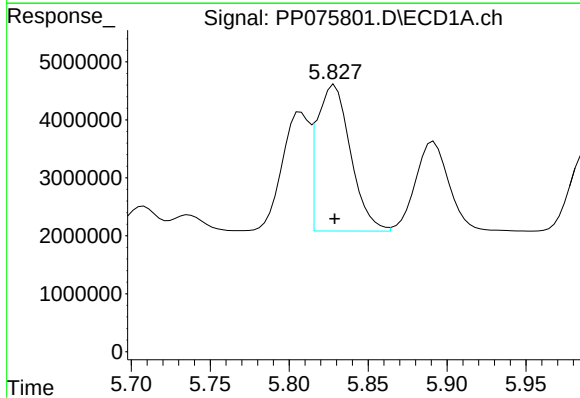
R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 24722441  
Conc: 513.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



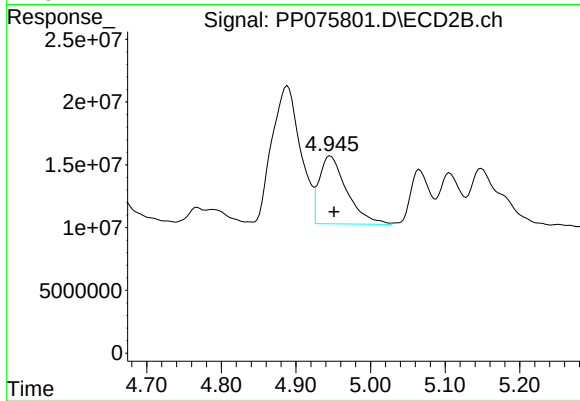
#3 AR-1016-1

R.T.: 4.889 min  
Delta R.T.: -0.004 min  
Response: 289468260  
Conc: 515.97 ng/ml



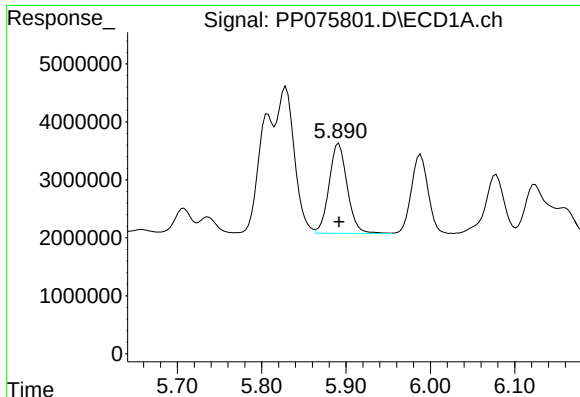
#4 AR-1016-2

R.T.: 5.829 min  
Delta R.T.: 0.000 min  
Response: 37245462  
Conc: 519.26 ng/ml



#4 AR-1016-2

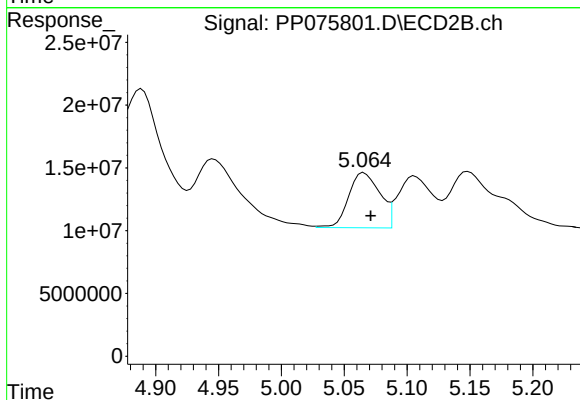
R.T.: 4.946 min  
Delta R.T.: -0.005 min  
Response: 138813085  
Conc: 540.12 ng/ml



#5 AR-1016-3

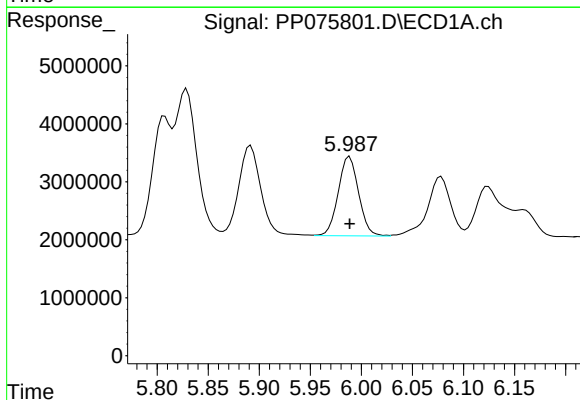
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 23225962  
Conc: 499.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



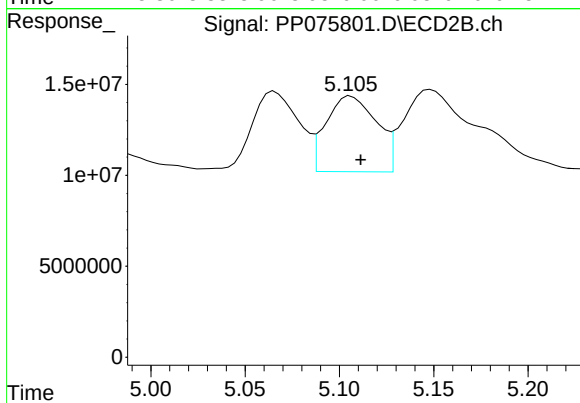
#5 AR-1016-3

R.T.: 5.066 min  
Delta R.T.: -0.005 min  
Response: 76162293  
Conc: 490.52 ng/ml



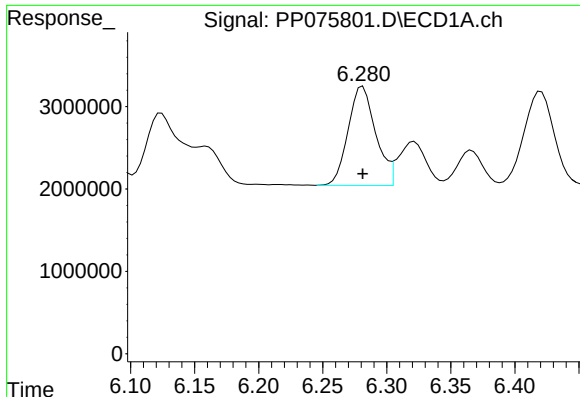
#6 AR-1016-4

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 19022197  
Conc: 533.78 ng/ml



#6 AR-1016-4

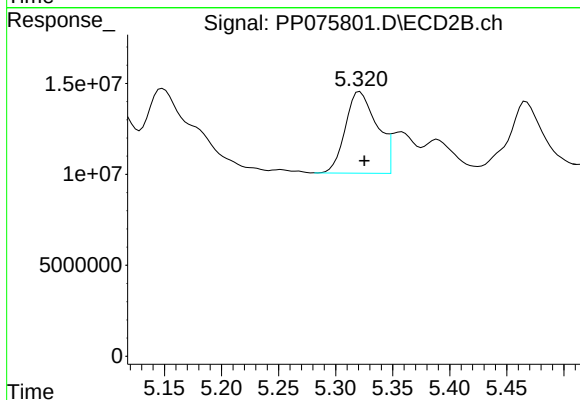
R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 77436509  
Conc: 526.89 ng/ml



#7 AR-1016-5

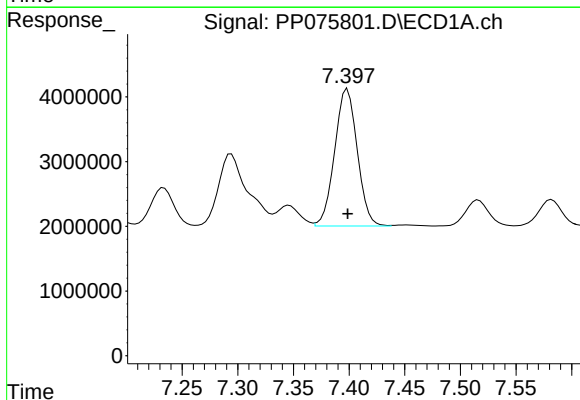
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 18031149  
Conc: 534.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



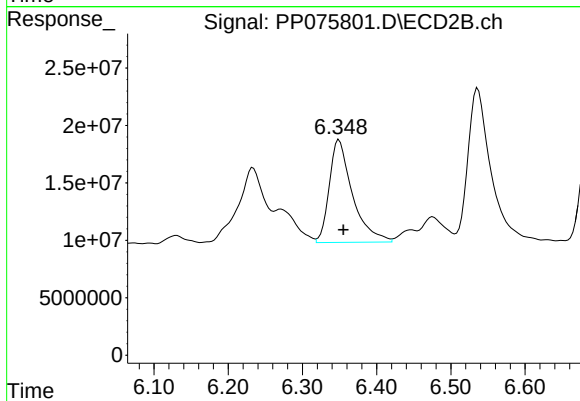
#7 AR-1016-5

R.T.: 5.321 min  
Delta R.T.: -0.004 min  
Response: 86421673  
Conc: 528.95 ng/ml



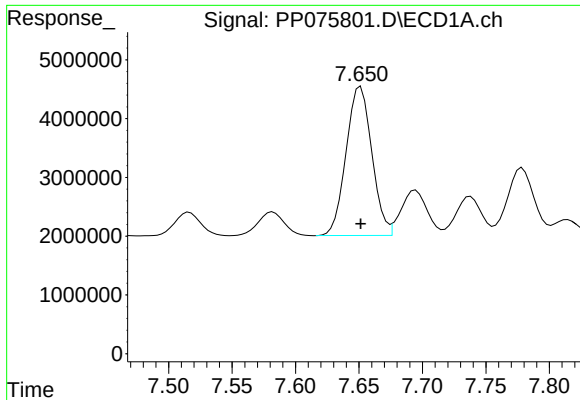
#31 AR-1260-1

R.T.: 7.398 min  
Delta R.T.: 0.000 min  
Response: 29960975  
Conc: 498.36 ng/ml



#31 AR-1260-1

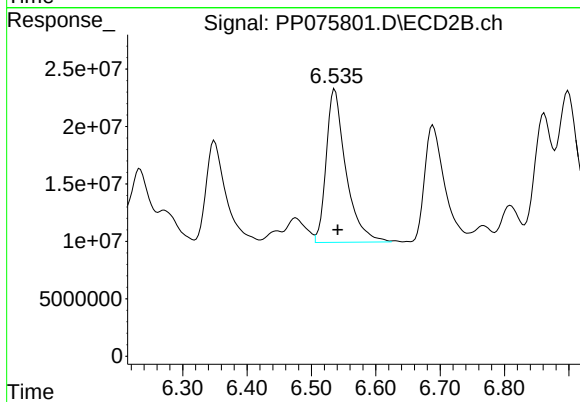
R.T.: 6.349 min  
Delta R.T.: -0.006 min  
Response: 194214983  
Conc: 478.44 ng/ml



#32 AR-1260-2

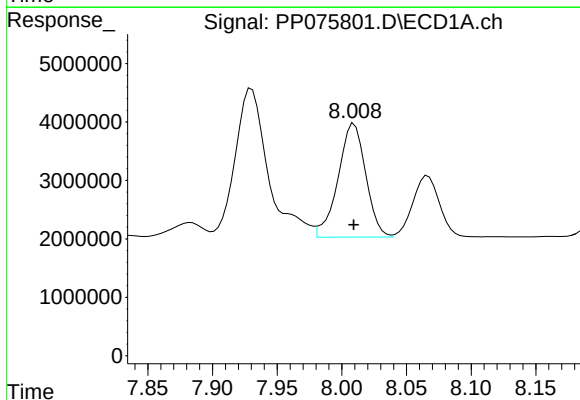
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 35763290  
Conc: 491.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



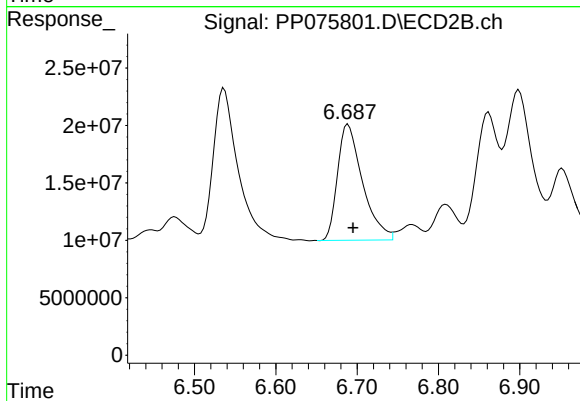
#32 AR-1260-2

R.T.: 6.536 min  
Delta R.T.: -0.005 min  
Response: 284444604  
Conc: 493.97 ng/ml



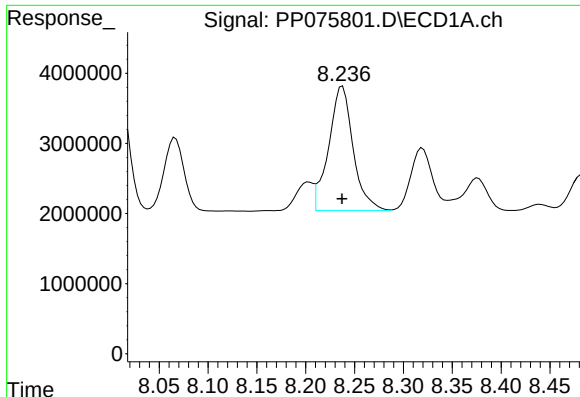
#33 AR-1260-3

R.T.: 8.010 min  
Delta R.T.: 0.000 min  
Response: 28920810  
Conc: 534.13 ng/ml



#33 AR-1260-3

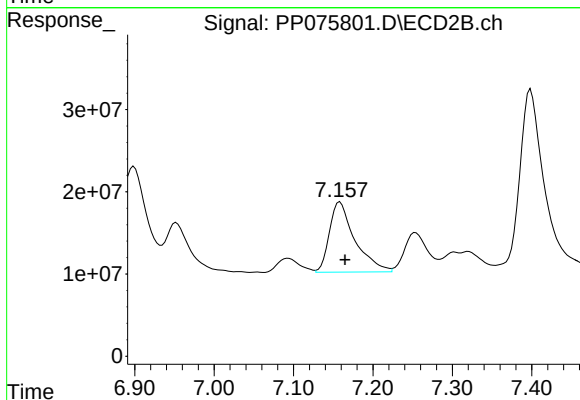
R.T.: 6.689 min  
Delta R.T.: -0.006 min  
Response: 215546537  
Conc: 503.51 ng/ml



#34 AR-1260-4

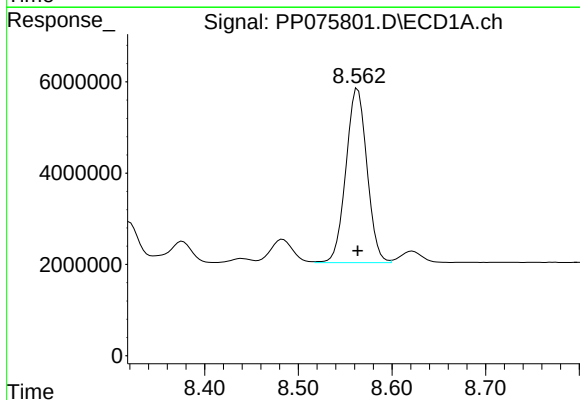
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 31040537  
Conc: 549.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500



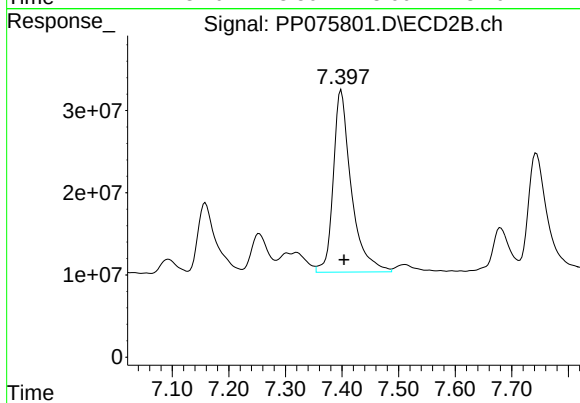
#34 AR-1260-4

R.T.: 7.159 min  
Delta R.T.: -0.006 min  
Response: 190381425  
Conc: 441.49 ng/ml



#35 AR-1260-5

R.T.: 8.563 min  
Delta R.T.: 0.000 min  
Response: 59585896  
Conc: 542.64 ng/ml



#35 AR-1260-5

R.T.: 7.399 min  
Delta R.T.: -0.005 min  
Response: 490268725  
Conc: 466.04 ng/ml

## Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3321

Project: RFP 918

Instrument ID: ECD\_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2025

09/23/2025

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             | 09/23/2025       | 08:29            | PP075246.D | 10.44       | 4.66        |
| AR1660ICC1000 | AR1660ICC1000    | 09/23/2025       | 08:45            | PP075247.D | 10.43       | 4.65        |
| AR1660ICC750  | AR1660ICC750     | 09/23/2025       | 09:01            | PP075248.D | 10.44       | 4.66        |
| AR1660ICC500  | AR1660ICC500     | 09/23/2025       | 09:18            | PP075249.D | 10.43       | 4.66        |
| AR1660ICC250  | AR1660ICC250     | 09/23/2025       | 09:34            | PP075250.D | 10.43       | 4.66        |
| AR1660ICC050  | AR1660ICC050     | 09/23/2025       | 10:11            | PP075251.D | 10.45       | 4.66        |
| AR1221ICC500  | AR1221ICC500     | 09/23/2025       | 10:27            | PP075252.D | 10.44       | 4.66        |
| AR1232ICC500  | AR1232ICC500     | 09/23/2025       | 10:43            | PP075253.D | 10.44       | 4.66        |
| AR1242ICC1000 | AR1242ICC1000    | 09/23/2025       | 11:00            | PP075254.D | 10.44       | 4.66        |
| AR1242ICC750  | AR1242ICC750     | 09/23/2025       | 11:16            | PP075255.D | 10.44       | 4.66        |
| AR1242ICC500  | AR1242ICC500     | 09/23/2025       | 11:32            | PP075256.D | 10.44       | 4.66        |
| AR1242ICC250  | AR1242ICC250     | 09/23/2025       | 11:48            | PP075257.D | 10.44       | 4.66        |
| AR1242ICC050  | AR1242ICC050     | 09/23/2025       | 12:05            | PP075258.D | 10.44       | 4.66        |
| AR1248ICC1000 | AR1248ICC1000    | 09/23/2025       | 12:37            | PP075259.D | 10.43       | 4.66        |
| AR1248ICC750  | AR1248ICC750     | 09/23/2025       | 12:53            | PP075260.D | 10.44       | 4.66        |
| AR1248ICC500  | AR1248ICC500     | 09/23/2025       | 13:10            | PP075261.D | 10.44       | 4.66        |
| AR1248ICC250  | AR1248ICC250     | 09/23/2025       | 13:26            | PP075262.D | 10.44       | 4.66        |
| AR1248ICC050  | AR1248ICC050     | 09/23/2025       | 13:42            | PP075263.D | 10.44       | 4.66        |
| AR1254ICC1000 | AR1254ICC1000    | 09/23/2025       | 14:15            | PP075264.D | 10.44       | 4.66        |
| AR1254ICC750  | AR1254ICC750     | 09/23/2025       | 14:31            | PP075265.D | 10.44       | 4.66        |
| AR1254ICC500  | AR1254ICC500     | 09/23/2025       | 14:47            | PP075266.D | 10.44       | 4.66        |
| AR1254ICC250  | AR1254ICC250     | 09/23/2025       | 15:04            | PP075267.D | 10.44       | 4.66        |
| AR1254ICC050  | AR1254ICC050     | 09/23/2025       | 15:20            | PP075268.D | 10.43       | 4.66        |
| AR1262ICC500  | AR1262ICC500     | 09/23/2025       | 15:52            | PP075269.D | 10.44       | 4.66        |
| AR1268ICC1000 | AR1268ICC1000    | 09/23/2025       | 16:09            | PP075270.D | 10.44       | 4.66        |
| AR1268ICC750  | AR1268ICC750     | 09/23/2025       | 16:25            | PP075271.D | 10.44       | 4.66        |
| AR1268ICC500  | AR1268ICC500     | 09/23/2025       | 16:41            | PP075272.D | 10.44       | 4.66        |
| AR1268ICC250  | AR1268ICC250     | 09/23/2025       | 16:58            | PP075273.D | 10.44       | 4.66        |
| AR1268ICC050  | AR1268ICC050     | 09/23/2025       | 17:14            | PP075274.D | 10.44       | 4.66        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 08:51            | PP075704.D | 10.42       | 4.65        |
| IBLK          | IBLK             | 10/10/2025       | 09:59            | PP075708.D | 10.42       | 4.65        |
| PB170053BL    | PB170053BL       | 10/10/2025       | 12:42            | PP075711.D | 10.42       | 4.65        |
| SS-01-I-2MS   | Q3310-02MS       | 10/10/2025       | 14:03            | PP075716.D | 10.42       | 4.65        |
| SS-01-I-2MSD  | Q3310-02MSD      | 10/10/2025       | 14:20            | PP075717.D | 10.42       | 4.65        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 15:57            | PP075719.D | 10.42       | 4.65        |
| IBLK          | IBLK             | 10/10/2025       | 17:02            | PP075723.D | 10.42       | 4.65        |
| P001-DS-01    | Q3321-01         | 10/10/2025       | 17:18            | PP075724.D | 10.42       | 4.65        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 18:55            | PP075726.D | 10.43       | 4.65        |
| IBLK          | IBLK             | 10/10/2025       | 20:16            | PP075730.D | 10.42       | 4.65        |
| AR1660CCC500  | AR1660CCC500     | 10/15/2025       | 09:46            | PP075786.D | 10.43       | 4.65        |
| IBLK          | IBLK             | 10/15/2025       | 11:09            | PP075790.D | 10.43       | 4.65        |
| PB170053BS    | PB170053BS       | 10/15/2025       | 11:26            | PP075791.D | 10.43       | 4.65        |

### Analytical Sequence

|              |              |            |       |            |       |      |
|--------------|--------------|------------|-------|------------|-------|------|
| AR1660CCC500 | AR1660CCC500 | 10/15/2025 | 15:46 | PP075801.D | 10.43 | 4.66 |
| I.BLK        | I.BLK        | 10/15/2025 | 16:51 | PP075805.D | 10.43 | 4.65 |



## Analytical Sequence

Client: Weston Solutions, Inc.

SDG No.: Q3321

Project: RFP 918

Instrument ID: ECD\_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2025

09/23/2025

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             | 09/23/2025       | 08:29            | PP075246.D | 8.81        | 3.80        |
| AR1660ICC1000 | AR1660ICC1000    | 09/23/2025       | 08:45            | PP075247.D | 8.81        | 3.80        |
| AR1660ICC750  | AR1660ICC750     | 09/23/2025       | 09:01            | PP075248.D | 8.80        | 3.80        |
| AR1660ICC500  | AR1660ICC500     | 09/23/2025       | 09:18            | PP075249.D | 8.80        | 3.80        |
| AR1660ICC250  | AR1660ICC250     | 09/23/2025       | 09:34            | PP075250.D | 8.80        | 3.80        |
| AR1660ICC050  | AR1660ICC050     | 09/23/2025       | 10:11            | PP075251.D | 8.81        | 3.80        |
| AR1221ICC500  | AR1221ICC500     | 09/23/2025       | 10:27            | PP075252.D | 8.81        | 3.80        |
| AR1232ICC500  | AR1232ICC500     | 09/23/2025       | 10:43            | PP075253.D | 8.81        | 3.80        |
| AR1242ICC1000 | AR1242ICC1000    | 09/23/2025       | 11:00            | PP075254.D | 8.81        | 3.80        |
| AR1242ICC750  | AR1242ICC750     | 09/23/2025       | 11:16            | PP075255.D | 8.81        | 3.80        |
| AR1242ICC500  | AR1242ICC500     | 09/23/2025       | 11:32            | PP075256.D | 8.81        | 3.80        |
| AR1242ICC250  | AR1242ICC250     | 09/23/2025       | 11:48            | PP075257.D | 8.81        | 3.80        |
| AR1242ICC050  | AR1242ICC050     | 09/23/2025       | 12:05            | PP075258.D | 8.80        | 3.80        |
| AR1248ICC1000 | AR1248ICC1000    | 09/23/2025       | 12:37            | PP075259.D | 8.80        | 3.80        |
| AR1248ICC750  | AR1248ICC750     | 09/23/2025       | 12:53            | PP075260.D | 8.81        | 3.80        |
| AR1248ICC500  | AR1248ICC500     | 09/23/2025       | 13:10            | PP075261.D | 8.80        | 3.80        |
| AR1248ICC250  | AR1248ICC250     | 09/23/2025       | 13:26            | PP075262.D | 8.81        | 3.80        |
| AR1248ICC050  | AR1248ICC050     | 09/23/2025       | 13:42            | PP075263.D | 8.80        | 3.80        |
| AR1254ICC1000 | AR1254ICC1000    | 09/23/2025       | 14:15            | PP075264.D | 8.81        | 3.80        |
| AR1254ICC750  | AR1254ICC750     | 09/23/2025       | 14:31            | PP075265.D | 8.81        | 3.80        |
| AR1254ICC500  | AR1254ICC500     | 09/23/2025       | 14:47            | PP075266.D | 8.81        | 3.80        |
| AR1254ICC250  | AR1254ICC250     | 09/23/2025       | 15:04            | PP075267.D | 8.81        | 3.80        |
| AR1254ICC050  | AR1254ICC050     | 09/23/2025       | 15:20            | PP075268.D | 8.81        | 3.80        |
| AR1262ICC500  | AR1262ICC500     | 09/23/2025       | 15:52            | PP075269.D | 8.81        | 3.80        |
| AR1268ICC1000 | AR1268ICC1000    | 09/23/2025       | 16:09            | PP075270.D | 8.81        | 3.80        |
| AR1268ICC750  | AR1268ICC750     | 09/23/2025       | 16:25            | PP075271.D | 8.81        | 3.80        |
| AR1268ICC500  | AR1268ICC500     | 09/23/2025       | 16:41            | PP075272.D | 8.81        | 3.80        |
| AR1268ICC250  | AR1268ICC250     | 09/23/2025       | 16:58            | PP075273.D | 8.80        | 3.80        |
| AR1268ICC050  | AR1268ICC050     | 09/23/2025       | 17:14            | PP075274.D | 8.81        | 3.80        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 08:51            | PP075704.D | 8.79        | 3.79        |
| IBLK          | IBLK             | 10/10/2025       | 09:59            | PP075708.D | 8.79        | 3.79        |
| PB170053BL    | PB170053BL       | 10/10/2025       | 12:42            | PP075711.D | 8.79        | 3.79        |
| SS-01-I-2MS   | Q3310-02MS       | 10/10/2025       | 14:03            | PP075716.D | 8.79        | 3.79        |
| SS-01-I-2MSD  | Q3310-02MSD      | 10/10/2025       | 14:20            | PP075717.D | 8.79        | 3.79        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 15:57            | PP075719.D | 8.79        | 3.79        |
| IBLK          | IBLK             | 10/10/2025       | 17:02            | PP075723.D | 8.79        | 3.79        |
| P001-DS-01    | Q3321-01         | 10/10/2025       | 17:18            | PP075724.D | 8.79        | 3.79        |
| AR1660CCC500  | AR1660CCC500     | 10/10/2025       | 18:55            | PP075726.D | 8.79        | 3.79        |
| IBLK          | IBLK             | 10/10/2025       | 20:16            | PP075730.D | 8.79        | 3.79        |
| AR1660CCC500  | AR1660CCC500     | 10/15/2025       | 09:46            | PP075786.D | 8.79        | 3.79        |
| IBLK          | IBLK             | 10/15/2025       | 11:09            | PP075790.D | 8.79        | 3.79        |
| PB170053BS    | PB170053BS       | 10/15/2025       | 11:26            | PP075791.D | 8.79        | 3.79        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| AR1660CCC500 | AR1660CCC500 | 10/15/2025 | 15:46 | PP075801.D | 8.80 | 3.79 |
| I.BLK        | I.BLK        | 10/15/2025 | 16:51 | PP075805.D | 8.79 | 3.79 |



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Fax : 908 789 8922

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-01-1-2MS

Lab Name: Alliance  
Lab Code: ACE  
Lab Sample ID: Q3310-02MS  
Instrument ID (1): ECD\_P

Contract: ROYF02  
SDG NO.: Q3321  
Date(s) Analyzed: 10/10/2025 10/10/2025  
Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)  
Data file PP075716.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.802 | 5.752     | 5.852 | 276           | 286                   | 7.62  |
| COLUMN 1     | 2   | 5.824 | 5.774     | 5.874 | 292           |                       |       |
|              | 3   | 5.887 | 5.837     | 5.937 | 261           |                       |       |
|              | 4   | 5.983 | 5.933     | 6.033 | 316           |                       |       |
|              | 5   | 6.276 | 6.226     | 6.326 | 283           |                       |       |
|              | 1   | 4.887 | 4.837     | 4.937 | 277           |                       |       |
| COLUMN 2     | 2   | 4.945 | 4.895     | 4.995 | 273           | 265                   |       |
|              | 3   | 5.065 | 5.015     | 5.115 | 246           |                       |       |
|              | 4   | 5.105 | 5.055     | 5.155 | 267           |                       |       |
|              | 5   | 5.319 | 5.269     | 5.369 | 262           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.392 | 7.342     | 7.442 | 277           | 261                   | 16.15 |
| COLUMN 1     | 2   | 7.644 | 7.594     | 7.694 | 335           |                       |       |
|              | 3   | 8.003 | 7.953     | 8.053 | 218           |                       |       |
|              | 4   | 8.23  | 8.18      | 8.28  | 240           |                       |       |
|              | 5   | 8.556 | 8.506     | 8.606 | 236           |                       |       |
|              | 1   | 6.347 | 6.297     | 6.397 | 269           |                       |       |
| COLUMN 2     | 2   | 6.534 | 6.484     | 6.584 | 242           | 222                   |       |
|              | 3   | 6.687 | 6.637     | 6.737 | 232           |                       |       |
|              | 4   | 7.155 | 7.105     | 7.205 | 155           |                       |       |
|              | 5   | 7.395 | 7.345     | 7.445 | 209           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-01-1-2MSD

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab Sample ID: Q3310-02MSD

Date(s) Analyzed: 10/10/2025 10/10/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP075717.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.803 | 5.753     | 5.853 | 282           | 303                   | 9.69  |
| COLUMN 1     | 2   | 5.825 | 5.775     | 5.875 | 313           |                       |       |
|              | 3   | 5.887 | 5.837     | 5.937 | 265           |                       |       |
|              | 4   | 5.983 | 5.933     | 6.033 | 347           |                       |       |
|              | 5   | 6.276 | 6.226     | 6.326 | 307           |                       |       |
|              | 1   | 4.888 | 4.838     | 4.938 | 277           |                       |       |
| COLUMN 2     | 2   | 4.945 | 4.895     | 4.995 | 274           | 275                   |       |
|              | 3   | 5.065 | 5.015     | 5.115 | 257           |                       |       |
|              | 4   | 5.105 | 5.055     | 5.155 | 292           |                       |       |
|              | 5   | 5.319 | 5.269     | 5.369 | 274           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.392 | 7.342     | 7.442 | 312           | 320                   | 20.69 |
| COLUMN 1     | 2   | 7.642 | 7.592     | 7.692 | 459           |                       |       |
|              | 3   | 8.003 | 7.953     | 8.053 | 256           |                       |       |
|              | 4   | 8.229 | 8.179     | 8.279 | 304           |                       |       |
|              | 5   | 8.557 | 8.507     | 8.607 | 267           |                       |       |
|              | 1   | 6.347 | 6.297     | 6.397 | 306           |                       |       |
| COLUMN 2     | 2   | 6.534 | 6.484     | 6.584 | 287           | 260                   |       |
|              | 3   | 6.687 | 6.637     | 6.737 | 264           |                       |       |
|              | 4   | 7.156 | 7.106     | 7.206 | 188           |                       |       |
|              | 5   | 7.395 | 7.345     | 7.445 | 253           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-DS-01

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab Sample ID: Q3321-01

Date(s) Analyzed: 10/10/2025 10/10/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP075724.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1254 | 1   | 6.646 | 6.596     | 6.696 | 49.7          | 59.7                  | 11.33 |
| COLUMN 1     | 2   | 6.863 | 6.813     | 6.913 | 53.3          |                       |       |
|              | 3   | 7.226 | 7.176     | 7.276 | 65.4          |                       |       |
|              | 4   | 7.508 | 7.458     | 7.558 | 44.4          |                       |       |
|              | 5   | 7.923 | 7.873     | 7.973 | 86.0          |                       |       |
| COLUMN 2     | 1   | 5.664 | 5.614     | 5.714 | 41.9          | 53.3                  |       |
|              | 2   | 5.813 | 5.763     | 5.863 | 49.5          |                       |       |
|              | 3   | 6.214 | 6.164     | 6.264 | 57.6          |                       |       |
|              | 4   | 6.441 | 6.391     | 6.491 | 49.2          |                       |       |
|              | 5   | 6.856 | 6.806     | 6.906 | 68.4          |                       |       |
| Aroclor-1260 | 1   | 7.39  | 7.34      | 7.44  | 52.0          | 41.1                  | 34.86 |
| COLUMN 1     | 2   | 7.642 | 7.592     | 7.692 | 48.4          |                       |       |
|              | 3   | 7.999 | 7.949     | 8.049 | 26.0          |                       |       |
|              | 4   | 8.213 | 8.163     | 8.263 | 53.8          |                       |       |
|              | 5   | 8.554 | 8.504     | 8.604 | 25.5          |                       |       |
| COLUMN 2     | 1   | 6.347 | 6.297     | 6.397 | 48.1          | 28.9                  |       |
|              | 2   | 6.531 | 6.481     | 6.581 | 42.8          |                       |       |
|              | 3   | 6.682 | 6.632     | 6.732 | 27.7          |                       |       |
|              | 4   | 7.152 | 7.102     | 7.202 | 9.16          |                       |       |
|              | 5   | 7.391 | 7.341     | 7.441 | 16.5          |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170053BS

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG NO.: Q3321

Lab Sample ID: PB170053BS

Date(s) Analyzed: 10/15/2025 10/15/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

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

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

Data file PP075791.D

| ANALYTE      | COL   | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |  |
|--------------|-------|-------|-----------|-------|---------------|-----------------------|-------|--|
|              |       |       | FROM      | TO    |               |                       |       |  |
| Aroclor-1016 | 1     | 5.806 | 5.756     | 5.856 | 128           | 130                   | 7.17  |  |
|              | 2     | 5.827 | 5.777     | 5.877 | 133           |                       |       |  |
|              | 3     | 5.89  | 5.84      | 5.94  | 125           |                       |       |  |
|              | 4     | 5.987 | 5.937     | 6.037 | 132           |                       |       |  |
|              | 5     | 6.279 | 6.229     | 6.329 | 131           |                       |       |  |
| COLUMN 1     |       |       |           |       |               |                       |       |  |
|              | 1     | 4.886 | 4.836     | 4.936 | 130           | 121                   |       |  |
|              | 2     | 4.944 | 4.894     | 4.994 | 131           |                       |       |  |
|              | 3     | 5.065 | 5.015     | 5.115 | 113           |                       |       |  |
|              | 4     | 5.106 | 5.056     | 5.156 | 110           |                       |       |  |
| 5            | 5.318 | 5.268 | 5.368     | 119   |               |                       |       |  |
| COLUMN 2     |       |       |           |       |               |                       |       |  |
|              | 1     | 7.396 | 7.346     | 7.446 | 135           | 127                   | 14.35 |  |
|              | 2     | 7.648 | 7.598     | 7.698 | 131           |                       |       |  |
|              | 3     | 8.007 | 7.957     | 8.057 | 117           |                       |       |  |
|              | 4     | 8.233 | 8.183     | 8.283 | 131           |                       |       |  |
| 5            | 8.56  | 8.51  | 8.61      | 123   |               |                       |       |  |
| Aroclor-1260 |       |       |           |       |               |                       |       |  |
|              | 1     | 6.346 | 6.296     | 6.396 | 120           | 110                   |       |  |
|              | 2     | 6.534 | 6.484     | 6.584 | 120           |                       |       |  |
|              | 3     | 6.687 | 6.637     | 6.737 | 117           |                       |       |  |
|              | 4     | 7.155 | 7.105     | 7.205 | 97.3          |                       |       |  |
| 5            | 7.396 | 7.346 | 7.446     | 97.3  |               |                       |       |  |
| COLUMN 1     |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
| COLUMN 2     |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |
|              |       |       |           |       |               |                       |       |  |



# QC SAMPLE DATA



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

## Report of Analysis

|                    |                        |            |                 |       |
|--------------------|------------------------|------------|-----------------|-------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: |       |
| Project:           | RFP 918                |            | Date Received:  |       |
| Client Sample ID:  | PB170053BL             |            | SDG No.:        | Q3321 |
| Lab Sample ID:     | PB170053BL             |            | Matrix:         | SOIL  |
| Analytical Method: | 8082A                  |            | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.01 g                | Final Vol: | 10000 uL        | Test: |
| Prep Method:       | SW3541B                | Prep Date  | 10/10/25        | PCB   |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 3.90  | U    | 1  | 3.90     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 11104-28-2        | Aroclor-1221         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 11141-16-5        | Aroclor-1232         | 3.70  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 53469-21-9        | Aroclor-1242         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 12672-29-6        | Aroclor-1248         | 5.90  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 11097-69-1        | Aroclor-1254         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 37324-23-5        | Aroclor-1262         | 5.00  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 11100-14-4        | Aroclor-1268         | 3.60  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| 11096-82-5        | Aroclor-1260         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/10/25 12:42 | PB170053 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 24.7  |      |    | 32 - 144 | 123%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 25.3  |      |    | 32 - 175 | 126%       | 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\_P\Data\PP101025\  
Data File : PP075711.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:42  
Operator : YP\AJ  
Sample : PB170053BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:33:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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...          | 4.649  | 3.788 | 32274931 | 142.5E6 | 24.666 | 23.358 |
| 2) SA Decachlor...          | 10.424 | 8.788 | 24453387 | 152.3E6 | 24.513 | 25.254 |

Target Compounds

-----

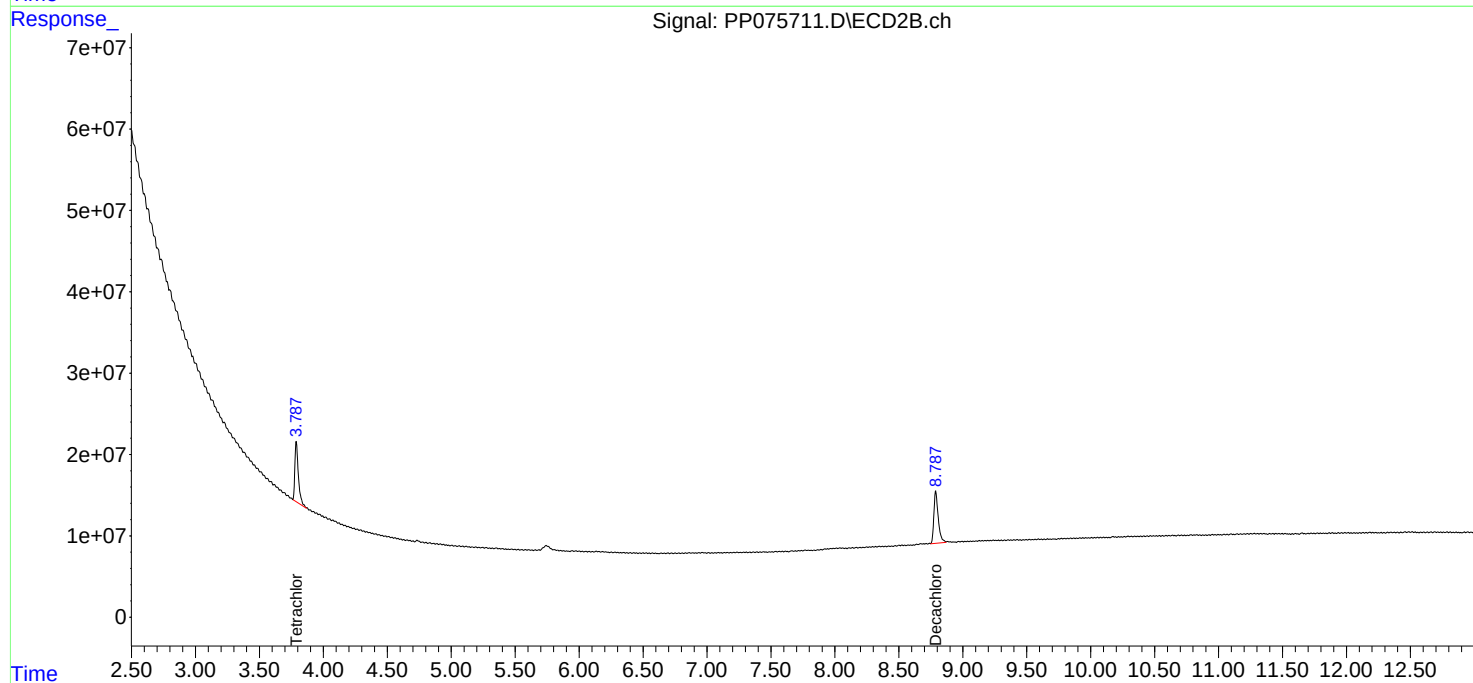
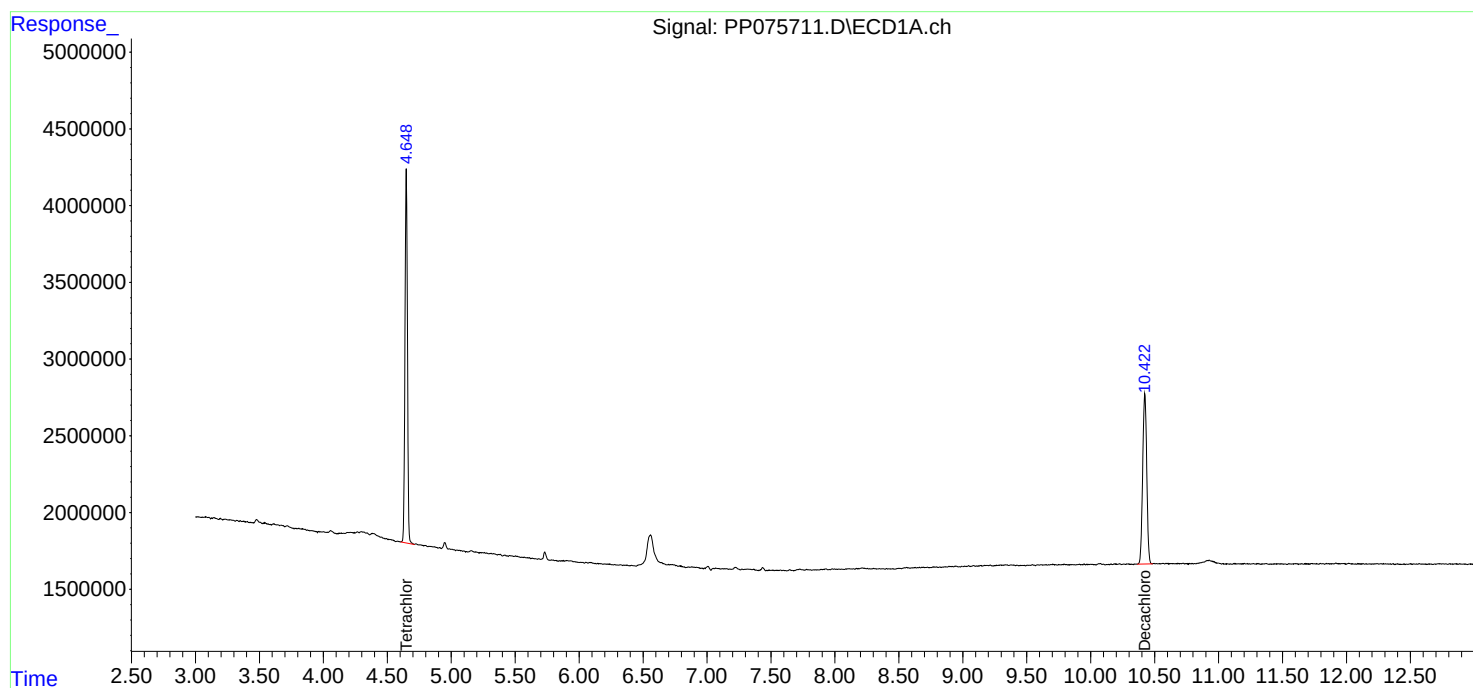
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

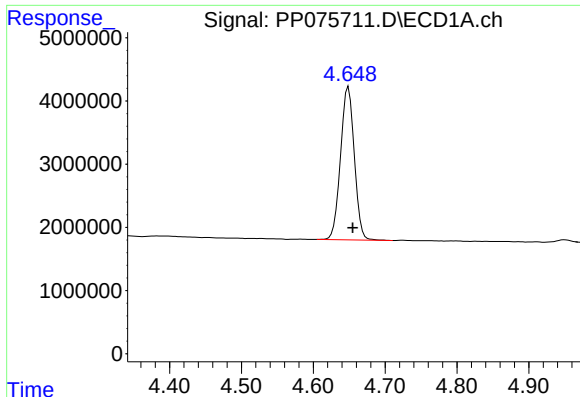
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075711.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 12:42  
Operator : YP\AJ  
Sample : PB170053BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 14:33:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

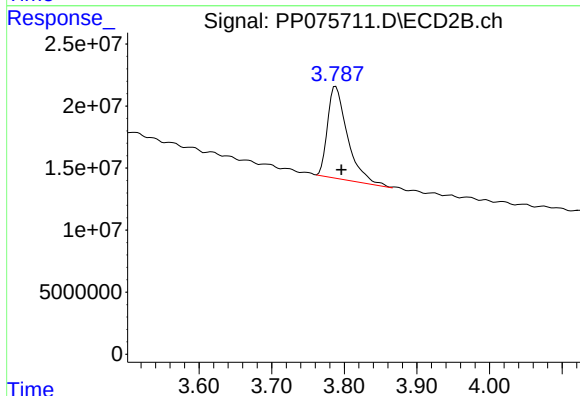




## #1 Tetrachloro-m-xylene

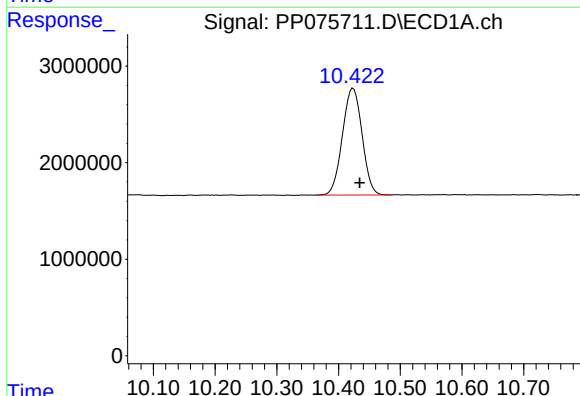
R.T.: 4.649 min  
Delta R.T.: -0.006 min  
Response: 32274931  
Conc: 24.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BL



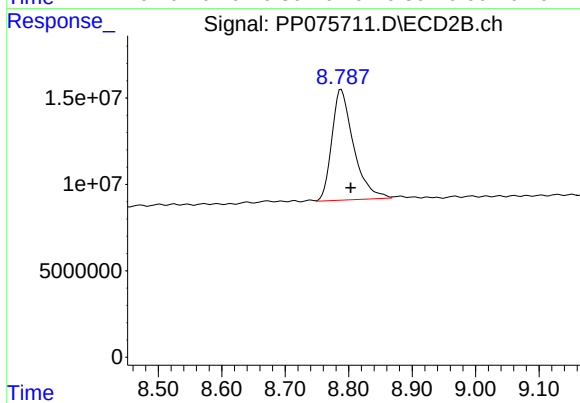
## #1 Tetrachloro-m-xylene

R.T.: 3.788 min  
Delta R.T.: -0.008 min  
Response: 142503656  
Conc: 23.36 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.424 min  
Delta R.T.: -0.011 min  
Response: 24453387  
Conc: 24.51 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.015 min  
Response: 152345974  
Conc: 25.25 ng/ml

## Report of Analysis

|                                    |                          |                     |
|------------------------------------|--------------------------|---------------------|
| Client: Weston Solutions, Inc.     | Date Collected: 09/23/25 |                     |
| Project: RFP 918                   | Date Received: 09/23/25  |                     |
| Client Sample ID: PIBLK-PP075246.D | SDG No.: Q3321           |                     |
| Lab Sample ID: I.BLK-PP075246.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         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 09/23/25  | pp092325 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 09/23/25  | pp092325 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 17.9  |      |    | 60 - 140 | 90%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 19.4  |      |    | 60 - 140 | 97%        | 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\_P\Data\PP092325\  
Data File : PP075246.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 08:29  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:44:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:43:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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... | 4.657  | 3.797 | 26080915 | 109.2E6 | 19.932 | 17.901 |
| 2)                          | SA Decachlor... | 10.437 | 8.805 | 19354075 | 120.9E6 | 19.402 | 20.045 |

Target Compounds

-----

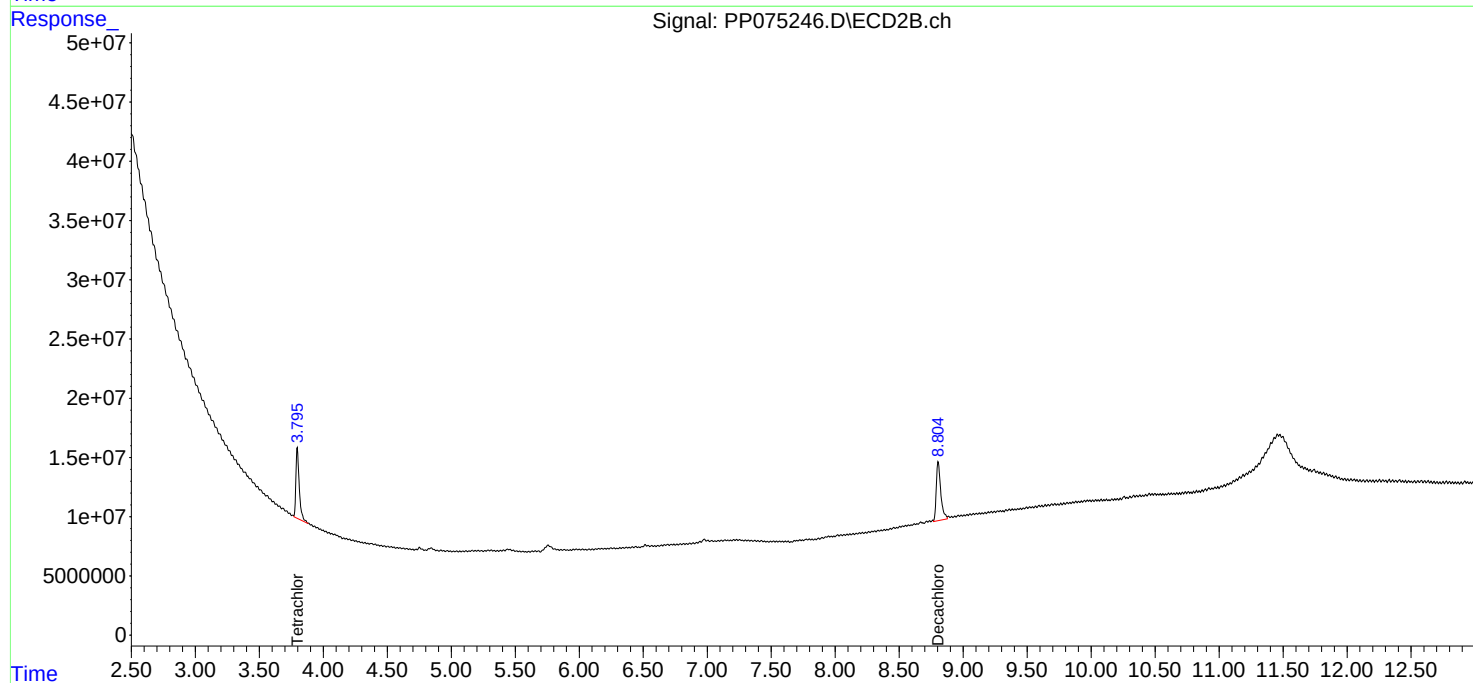
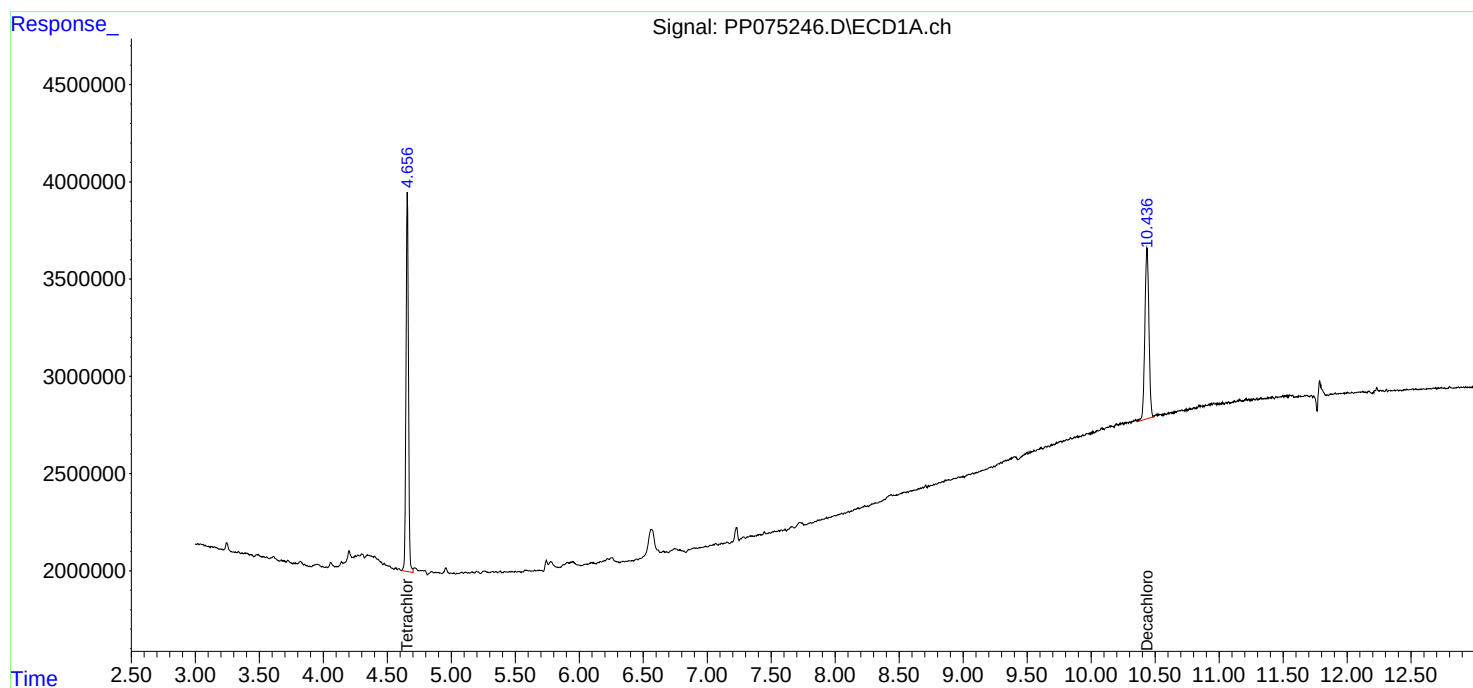
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

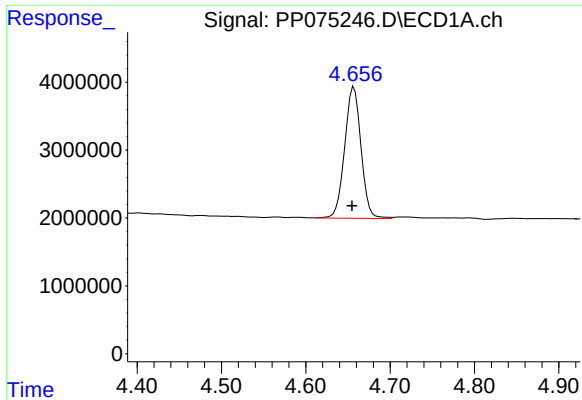
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092325\  
Data File : PP075246.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2025 08:29  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 23 17:44:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 23 17:43:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

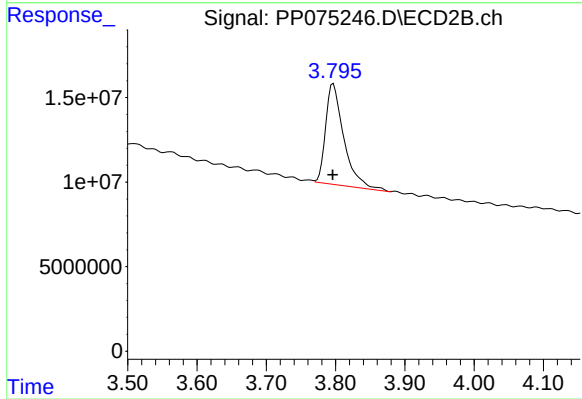




## #1 Tetrachloro-m-xylene

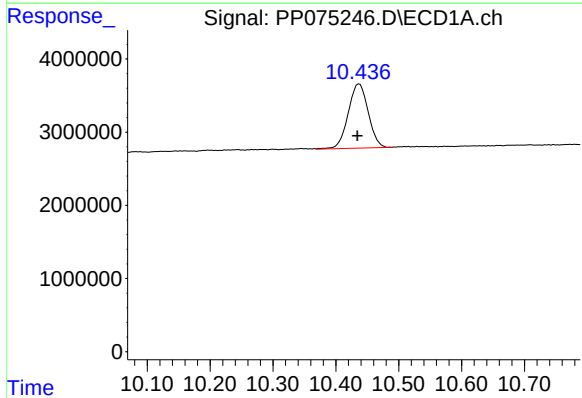
R.T.: 4.657 min  
Delta R.T.: 0.002 min  
Response: 26080915  
Conc: 19.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



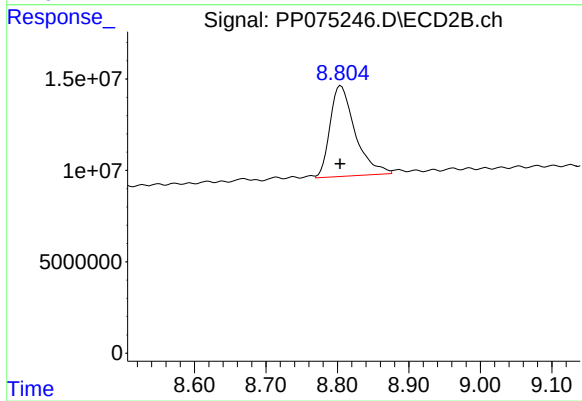
## #1 Tetrachloro-m-xylene

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 109213871  
Conc: 17.90 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.437 min  
Delta R.T.: 0.003 min  
Response: 19354075  
Conc: 19.40 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.805 min  
Delta R.T.: 0.001 min  
Response: 120921024  
Conc: 20.04 ng/ml

## Report of Analysis

|                                    |                          |                     |
|------------------------------------|--------------------------|---------------------|
| Client: Weston Solutions, Inc.     | Date Collected: 10/10/25 |                     |
| Project: RFP 918                   | Date Received: 10/10/25  |                     |
| Client Sample ID: PIBLK-PP075708.D | SDG No.: Q3321           |                     |
| Lab Sample ID: I.BLK-PP075708.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         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/10/25  | PP101025 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/10/25  | PP101025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 16.4  |      |    | 60 - 140 | 82%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 20.6  |      |    | 60 - 140 | 103%       | 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\_P\Data\PP101025\  
Data File : PP075708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:59  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:38:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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... | 4.647  | 3.789 | 26279028 | 100.0E6 | 20.084 | 16.391 |
| 2)                          | SA Decachlor... | 10.419 | 8.786 | 20744710 | 124.6E6 | 20.796 | 20.647 |

Target Compounds

-----

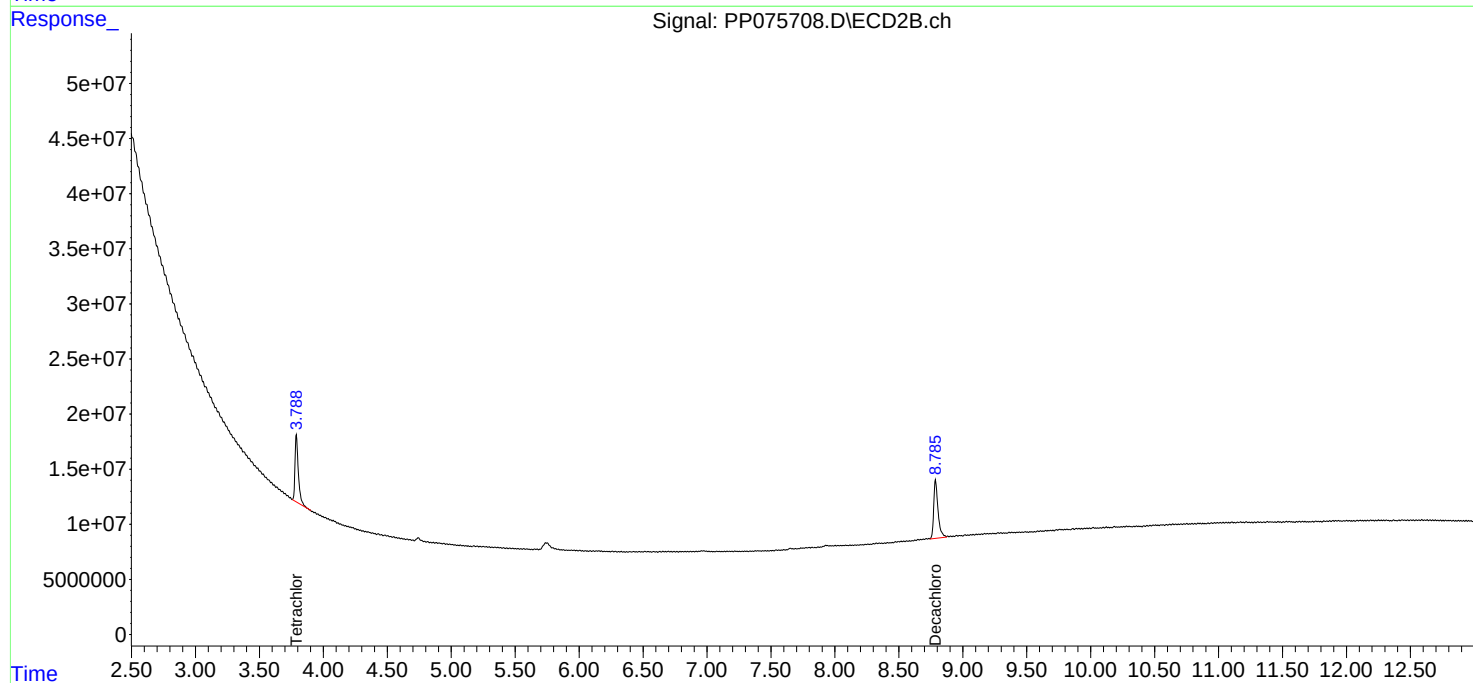
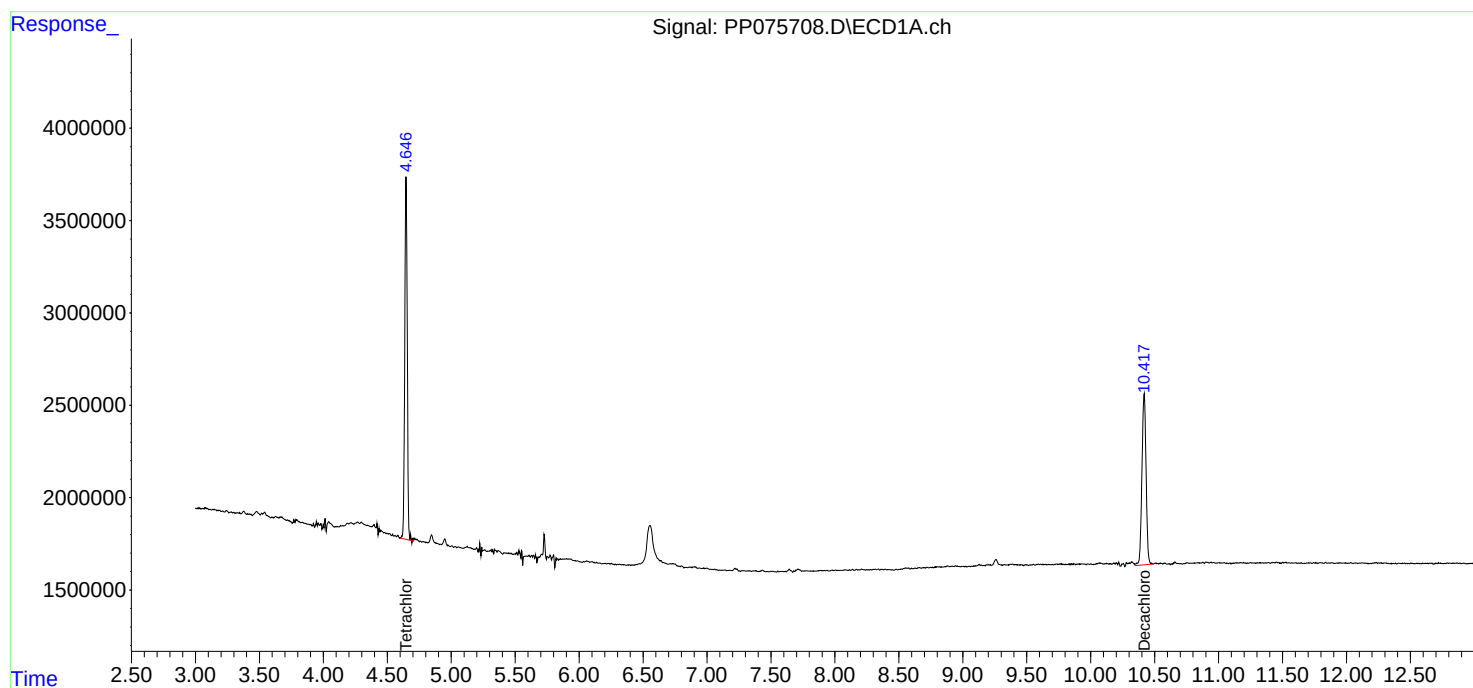
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 09:59  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

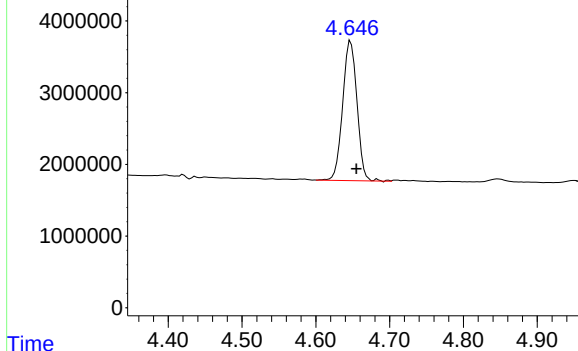
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 10 11:38:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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: PP075708.D\ECD1A.ch

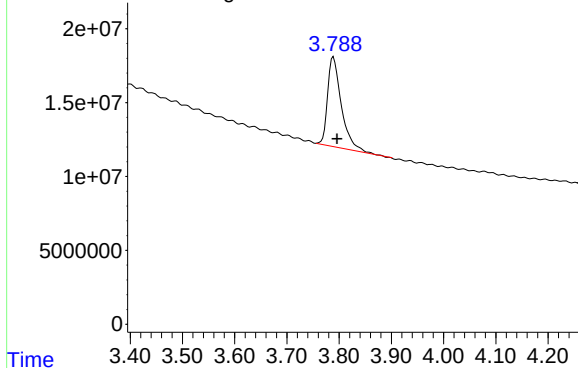


#1 Tetrachloro-m-xylene

R.T.: 4.647 min  
Delta R.T.: -0.008 min  
Response: 26279028  
Conc: 20.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

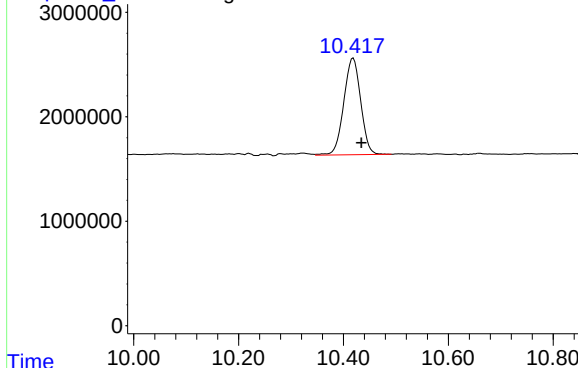
Response\_ Signal: PP075708.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.789 min  
Delta R.T.: -0.007 min  
Response: 100001825  
Conc: 16.39 ng/ml

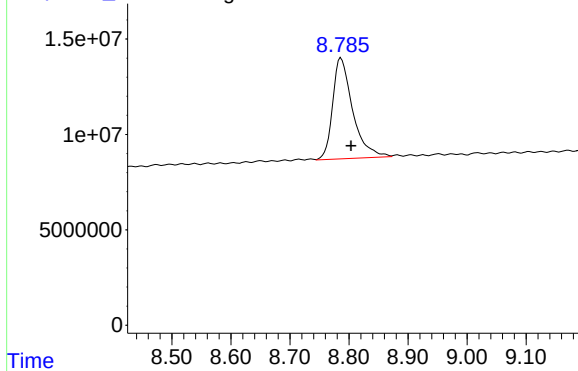
Response\_ Signal: PP075708.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.419 min  
Delta R.T.: -0.016 min  
Response: 20744710  
Conc: 20.80 ng/ml

Response\_ Signal: PP075708.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.017 min  
Response: 124555714  
Conc: 20.65 ng/ml

## Report of Analysis

|                    |                        |                 |          |
|--------------------|------------------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. | Date Collected: | 10/10/25 |
| Project:           | RFP 918                | Date Received:  | 10/10/25 |
| Client Sample ID:  | PIBLK-PP075723.D       | SDG No.:        | Q3321    |
| Lab Sample ID:     | I.BLK-PP075723.D       | Matrix:         | WATER    |
| Analytical Method: | 8082A                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                | Final Vol:      | 10000 uL |
| Prep Method:       | 5030                   | Test:           | PCB      |
|                    | Prep Date              |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |           |          |
| 12674-11-2        | Aroclor-1016         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.7  |      |    | 60 - 140 | 94%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |      |    | 60 - 140 | 101%       | SPK: 20 |           |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &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\_P\Data\PP101025\  
Data File : PP075723.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 17:02  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:37:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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... | 4.652  | 3.793 | 26100144 | 114.1E6 | 19.947 | 18.702 |
| 2)                          | SA Decachlor... | 10.423 | 8.792 | 20211592 | 125.4E6 | 20.261 | 20.793 |

Target Compounds

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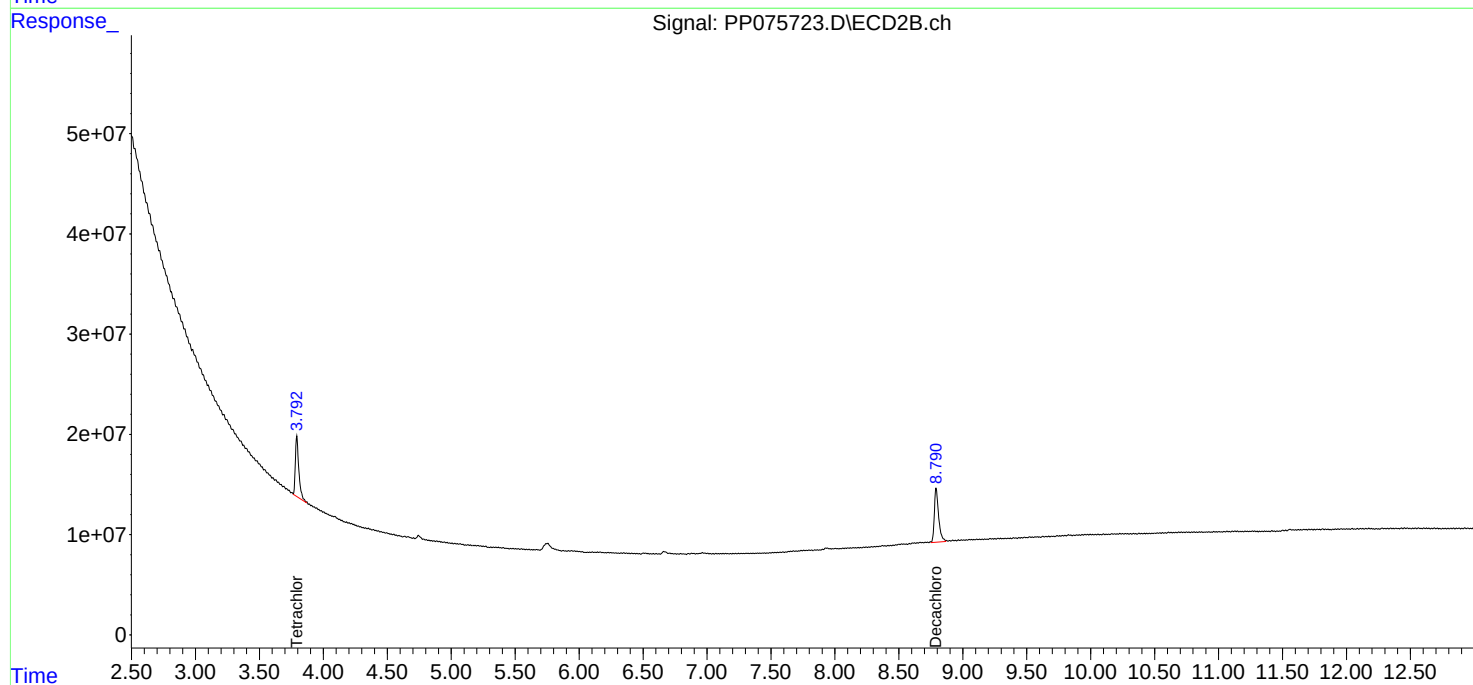
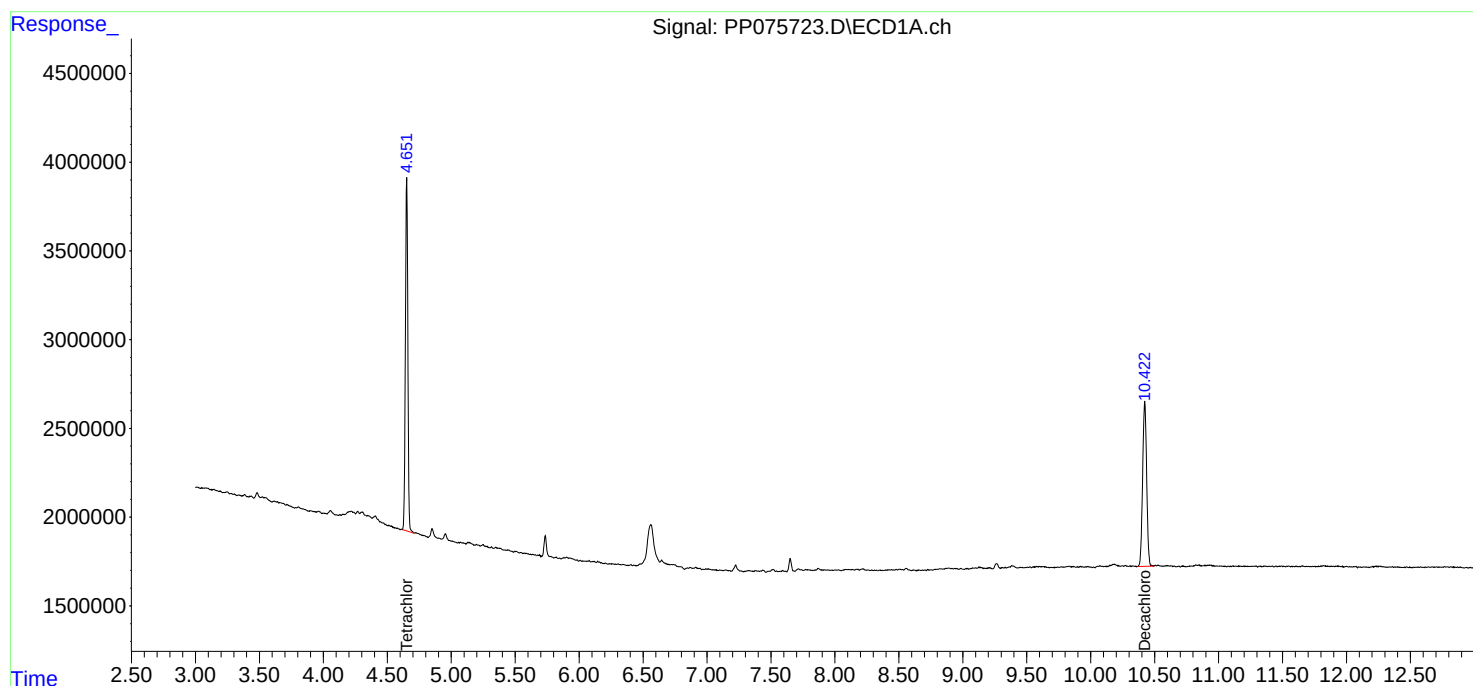
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

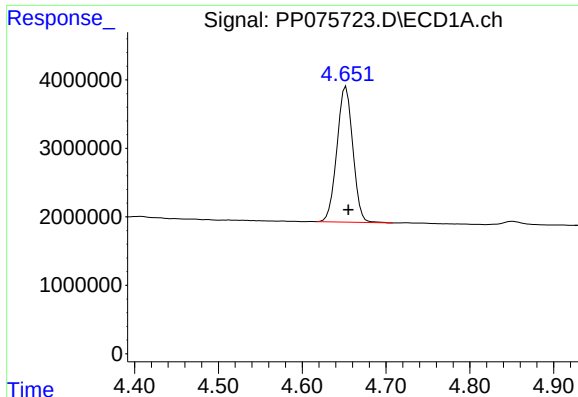
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075723.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 17:02  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:37:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

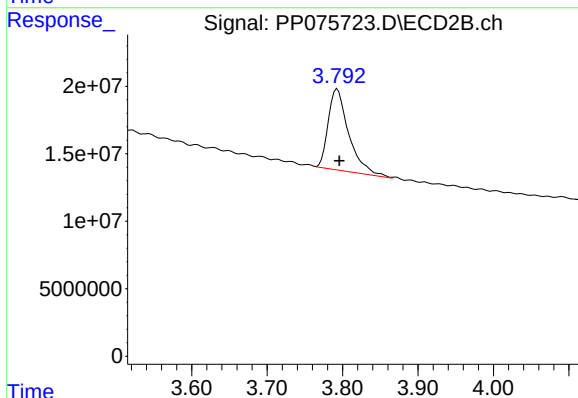




## #1 Tetrachloro-m-xylene

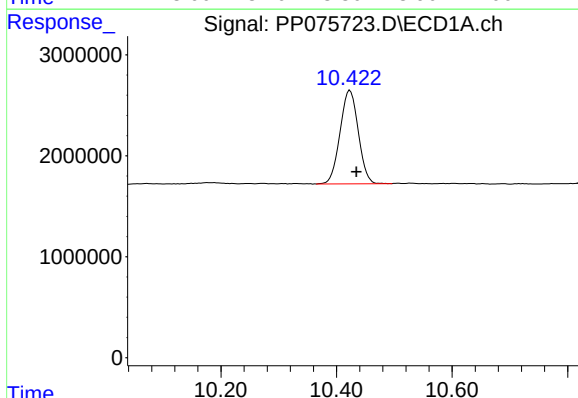
R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 26100144  
Conc: 19.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



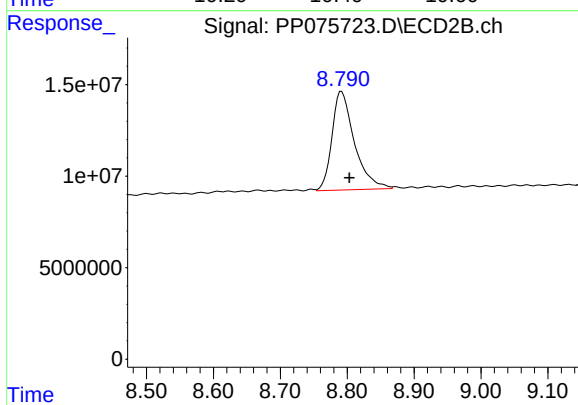
## #1 Tetrachloro-m-xylene

R.T.: 3.793 min  
Delta R.T.: -0.003 min  
Response: 114098532  
Conc: 18.70 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: -0.011 min  
Response: 20211592  
Conc: 20.26 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.012 min  
Response: 125433417  
Conc: 20.79 ng/ml



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

## Report of Analysis

|                    |                        |            |                 |          |
|--------------------|------------------------|------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/10/25 |
| Project:           | RFP 918                |            | Date Received:  | 10/10/25 |
| Client Sample ID:  | PIBLK-PP075730.D       |            | SDG No.:        | Q3321    |
| Lab Sample ID:     | I.BLK-PP075730.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         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/10/25  | pp101025 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.7  |      |    | 60 - 140 | 93%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 20.6  |      |    | 60 - 140 | 103%       | 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\_P\Data\PP101025\  
Data File : PP075730.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 20:16  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:42:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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... | 4.652  | 3.792 | 26778698 | 113.9E6 | 20.465 | 18.667 |
| 2)                          | SA Decachlor... | 10.423 | 8.790 | 20581639 | 129.8E6 | 20.632 | 21.512 |

Target Compounds

-----

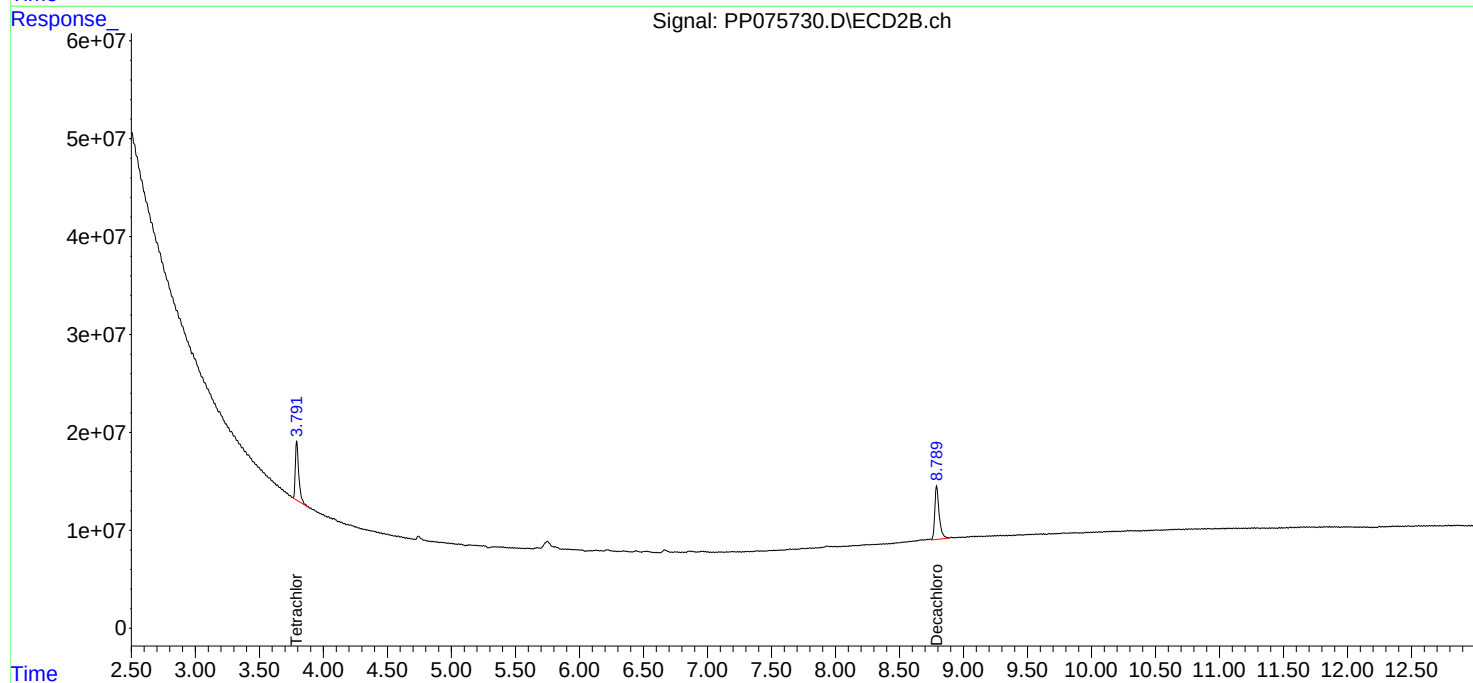
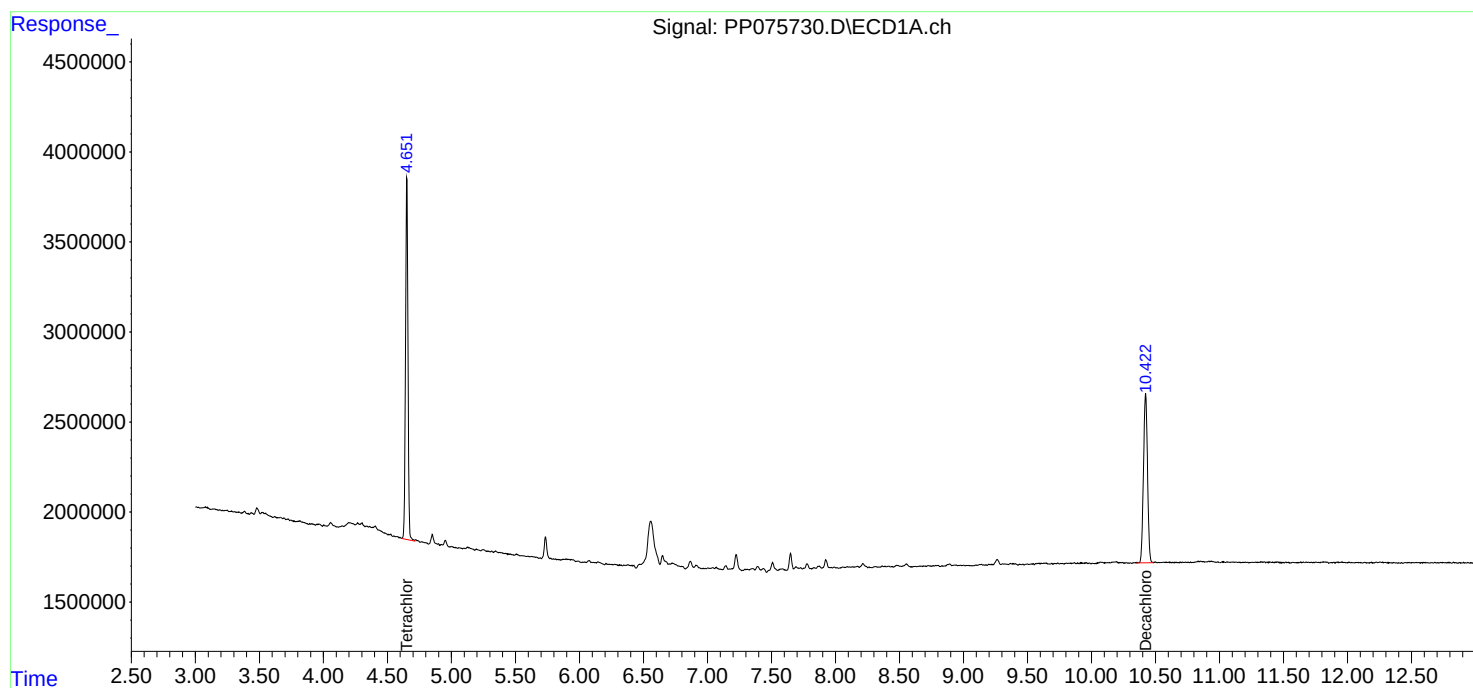
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075730.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 20:16  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

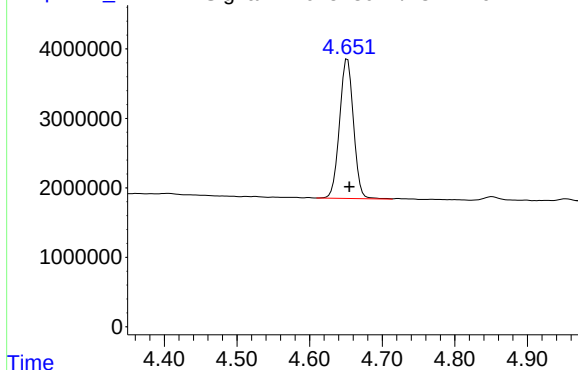
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:42:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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: PP075730.D\ECD1A.ch

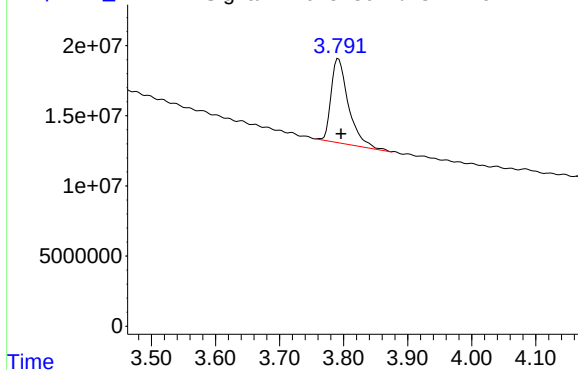


#1 Tetrachloro-m-xylene

R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 26778698  
Conc: 20.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

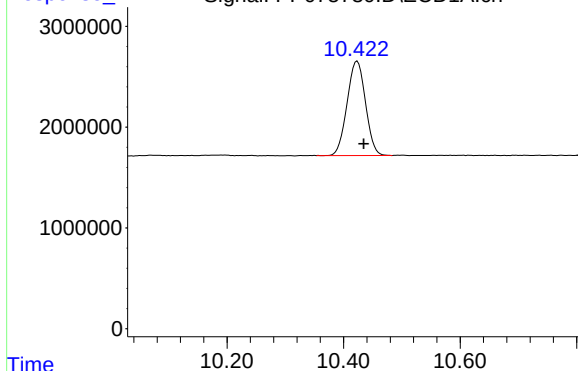
Time Response\_ Signal: PP075730.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.792 min  
Delta R.T.: -0.004 min  
Response: 113884975  
Conc: 18.67 ng/ml

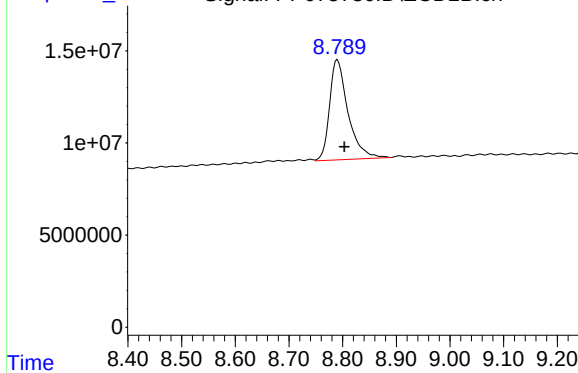
Time Response\_ Signal: PP075730.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: -0.011 min  
Response: 20581639  
Conc: 20.63 ng/ml

Time Response\_ Signal: PP075730.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.013 min  
Response: 129768494  
Conc: 21.51 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                        |            |                 |          |     |
|--------------------|------------------------|------------|-----------------|----------|-----|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/15/25 |     |
| Project:           | RFP 918                |            | Date Received:  | 10/15/25 |     |
| Client Sample ID:  | PIBLK-PP075790.D       |            | SDG No.:        | Q3321    |     |
| Lab Sample ID:     | I.BLK-PP075790.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         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 16.4  |      |    | 60 - 140 | 82%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 21.0  |      |    | 60 - 140 | 105%       | SPK: 20 |           |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075790.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 11:09  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:47:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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... | 4.651  | 3.790 | 28679636 | 99941815 | 21.918 | 16.382 # |
| 2)                          | SA Decachlor... | 10.428 | 8.789 | 20905064 | 133.3E6  | 20.956 | 22.094   |

Target Compounds

-----

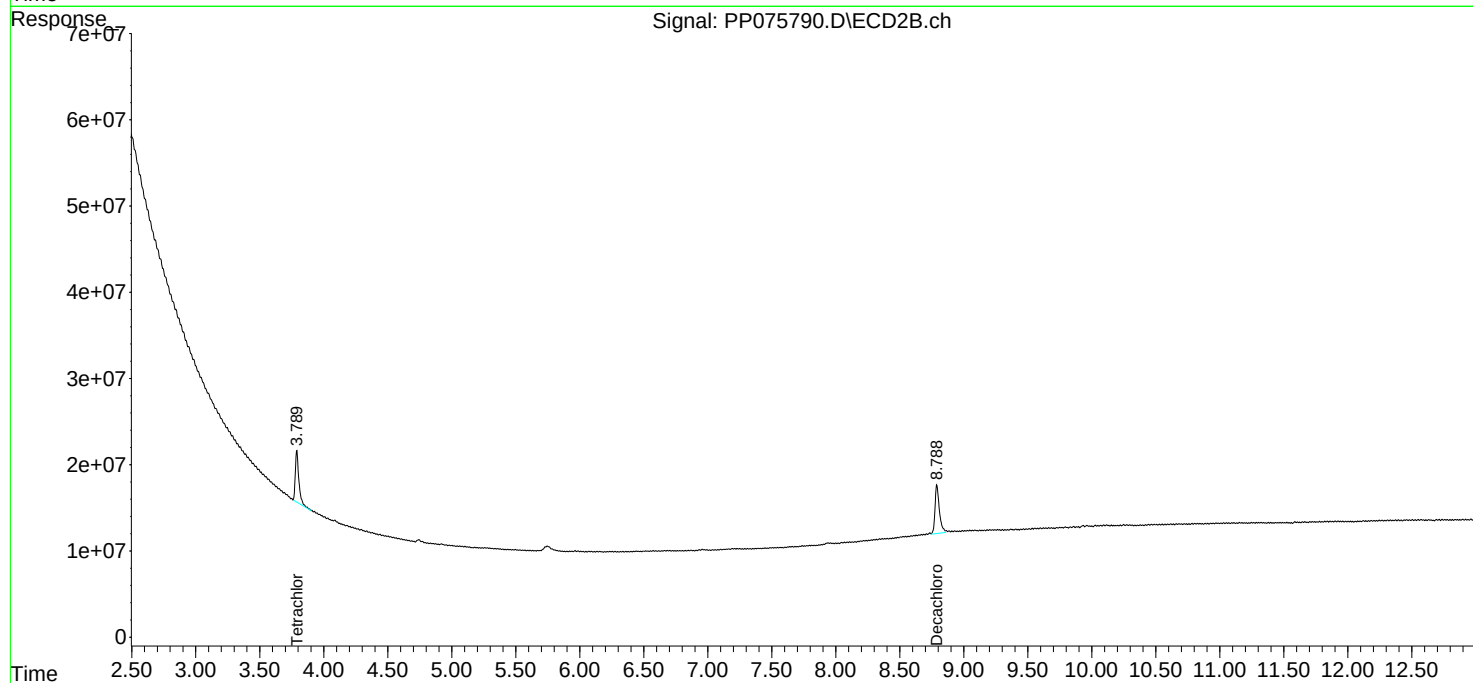
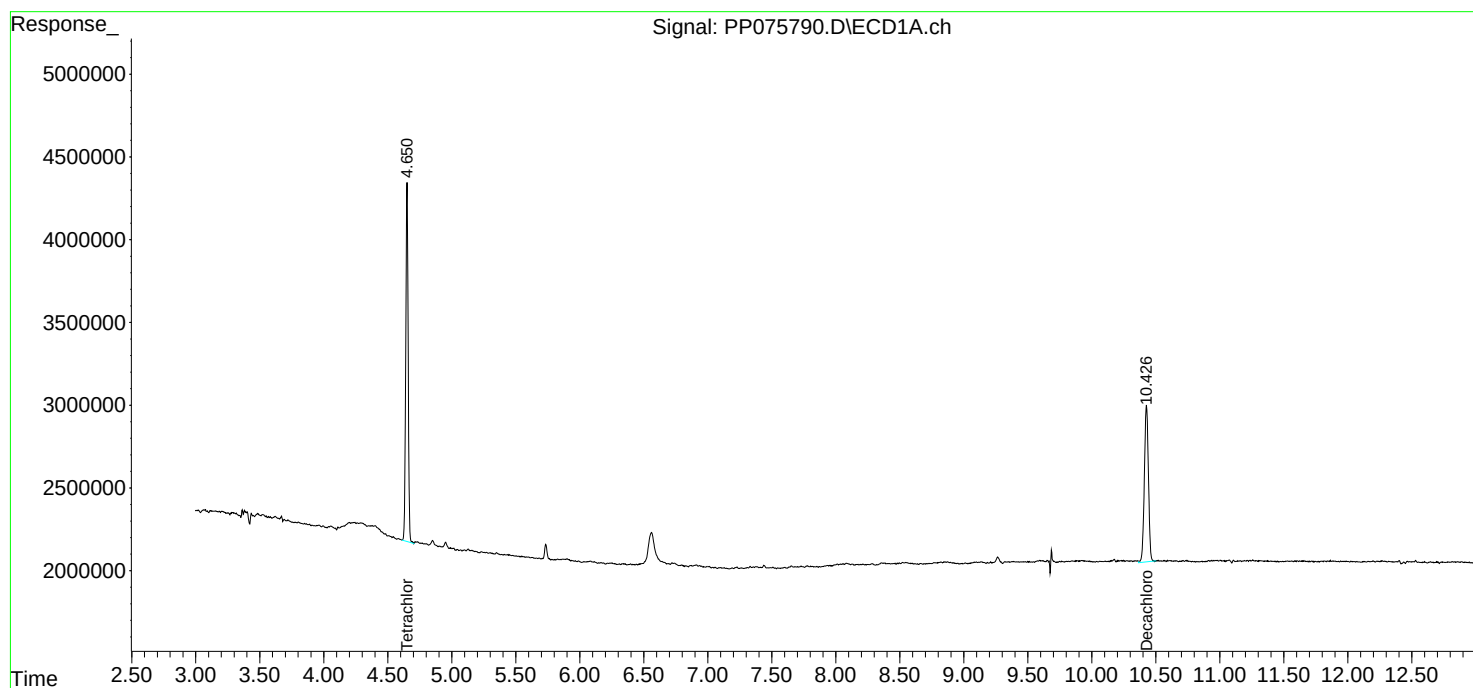
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

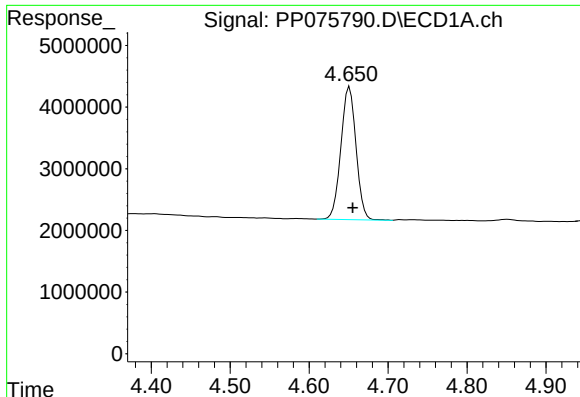
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075790.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 11:09  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:47:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

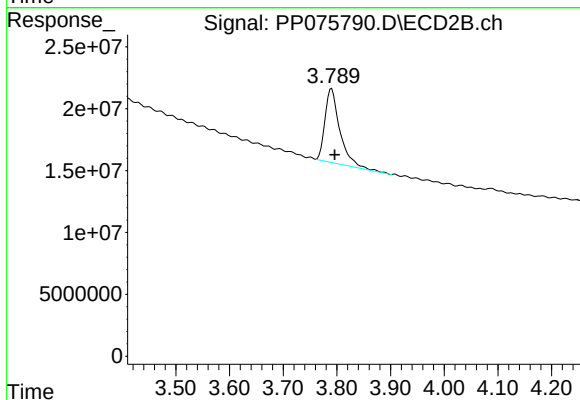




## #1 Tetrachloro-m-xylene

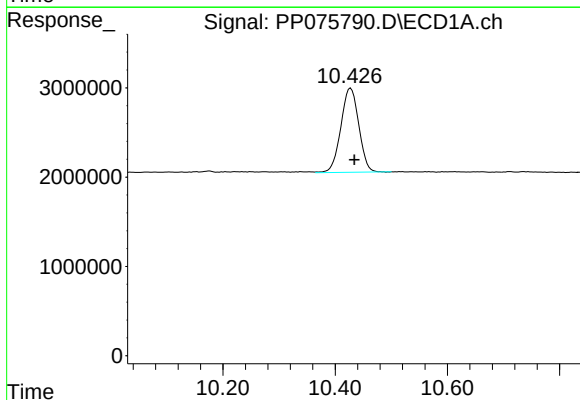
R.T.: 4.651 min  
Delta R.T.: -0.004 min  
Response: 28679636  
Conc: 21.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



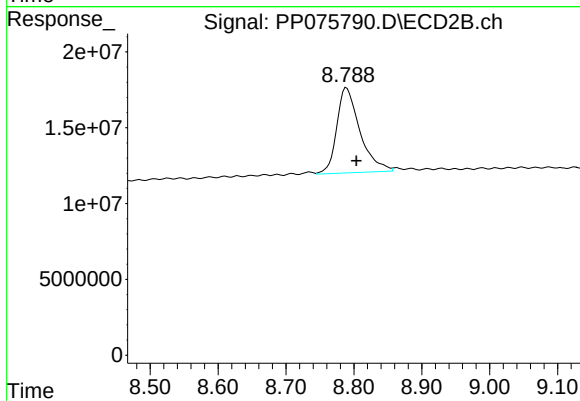
## #1 Tetrachloro-m-xylene

R.T.: 3.790 min  
Delta R.T.: -0.006 min  
Response: 99941815  
Conc: 16.38 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.428 min  
Delta R.T.: -0.007 min  
Response: 20905064  
Conc: 20.96 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: -0.014 min  
Response: 133284915  
Conc: 22.09 ng/ml



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Fax : 908 789 8922

## Report of Analysis

|                    |                        |            |                 |          |
|--------------------|------------------------|------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/15/25 |
| Project:           | RFP 918                |            | Date Received:  | 10/15/25 |
| Client Sample ID:  | PIBLK-PP075805.D       |            | SDG No.:        | Q3321    |
| Lab Sample ID:     | I.BLK-PP075805.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         | 0.097 | U    | 1  | 0.097    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11104-28-2        | Aroclor-1221         | 0.13  | U    | 1  | 0.13     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11141-16-5        | Aroclor-1232         | 0.096 | U    | 1  | 0.096    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 53469-21-9        | Aroclor-1242         | 0.12  | U    | 1  | 0.12     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 12672-29-6        | Aroclor-1248         | 0.071 | U    | 1  | 0.071    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11097-69-1        | Aroclor-1254         | 0.094 | U    | 1  | 0.094    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11096-82-5        | Aroclor-1260         | 0.081 | U    | 1  | 0.081    | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 37324-23-5        | Aroclor-1262         | 0.14  | U    | 1  | 0.14     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| 11100-14-4        | Aroclor-1268         | 0.11  | U    | 1  | 0.11     | 0.50       | ug/L    | 10/15/25  | pp101525 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |           |          |
| 877-09-8          | Tetrachloro-m-xylene | 18.2  |      |    | 60 - 140 | 91%        | SPK: 20 |           |          |
| 2051-24-3         | Decachlorobiphenyl   | 20.1  |      |    | 60 - 140 | 101%       | SPK: 20 |           |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
 Data File : PP075805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 16:51  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:56:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.652  | 3.790 | 27758256 | 111.1E6 | 21.214 | 18.217 |
| 2) SA Decachlor...          | 10.431 | 8.792 | 20047124 | 128.0E6 | 20.096 | 21.226 |

Target Compounds

-----

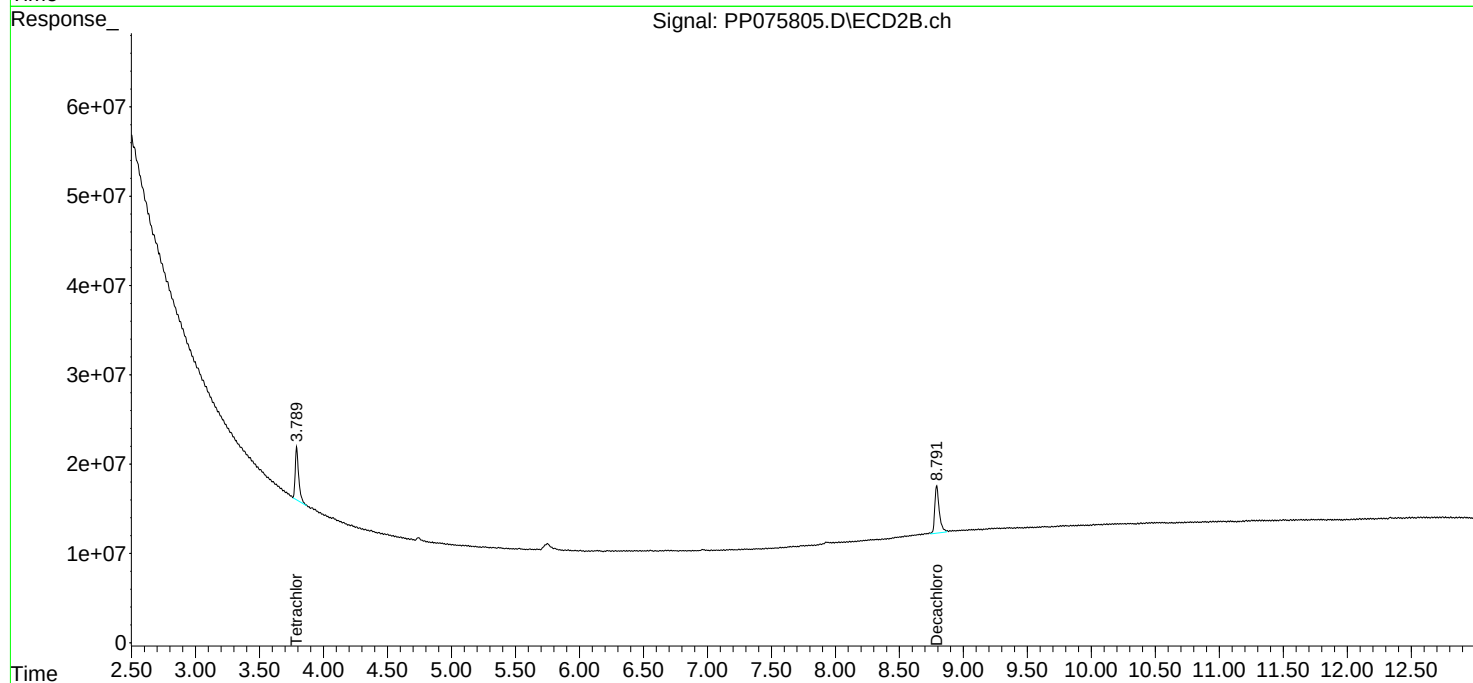
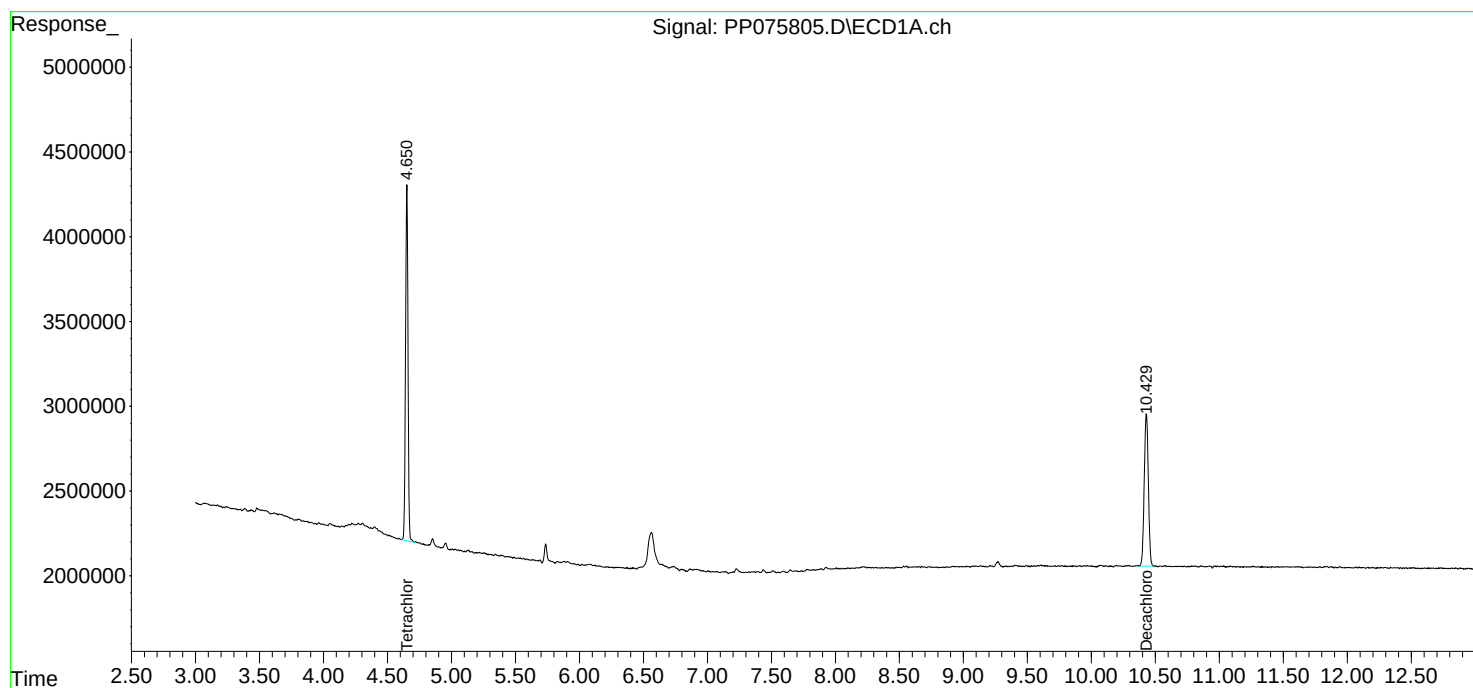
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

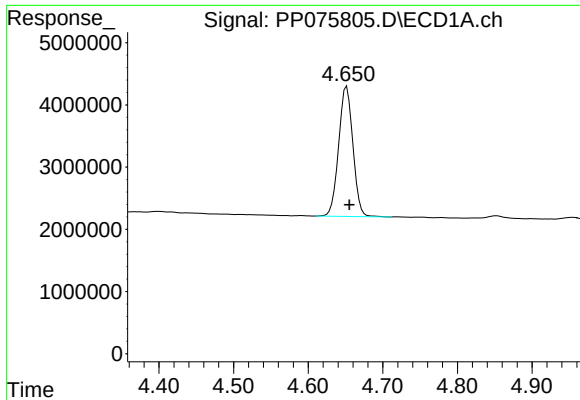
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075805.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 16:51  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:56:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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

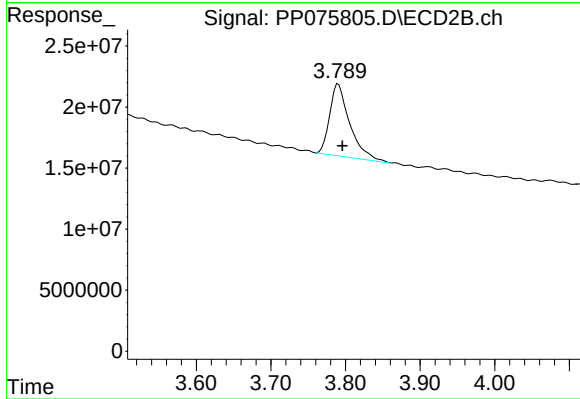




## #1 Tetrachloro-m-xylene

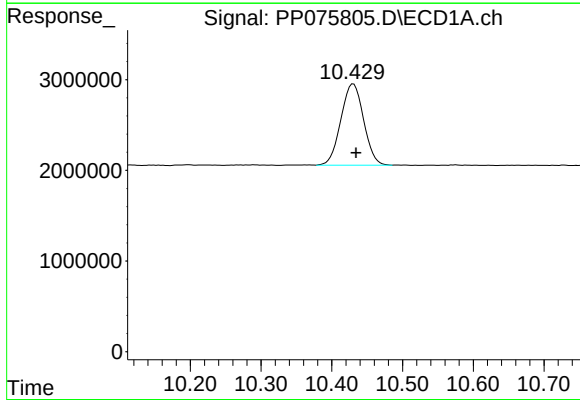
R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 27758256  
Conc: 21.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



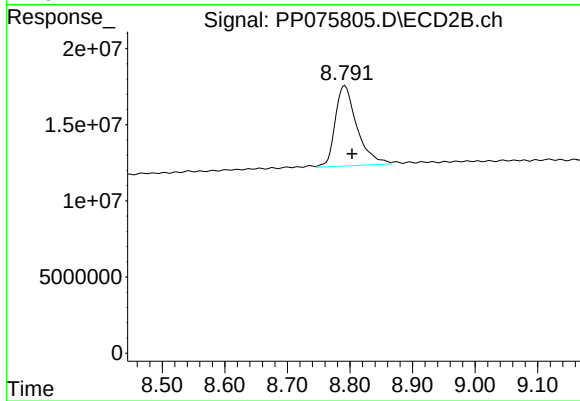
## #1 Tetrachloro-m-xylene

R.T.: 3.790 min  
Delta R.T.: -0.006 min  
Response: 111137203  
Conc: 18.22 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.431 min  
Delta R.T.: -0.004 min  
Response: 20047124  
Conc: 20.10 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.011 min  
Response: 128047980  
Conc: 21.23 ng/ml



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

## Report of Analysis

|                    |                        |            |                 |       |
|--------------------|------------------------|------------|-----------------|-------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: |       |
| Project:           | RFP 918                |            | Date Received:  |       |
| Client Sample ID:  | PB170053BS             |            | SDG No.:        | Q3321 |
| Lab Sample ID:     | PB170053BS             |            | Matrix:         | SOIL  |
| Analytical Method: | 8082A                  |            | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.02 g                | Final Vol: | 10000 uL        | Test: |
| Prep Method:       | SW3541B                | Prep Date  | 10/10/25        | PCB   |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 130   |      | 1  | 3.90     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 11104-28-2        | Aroclor-1221         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 11141-16-5        | Aroclor-1232         | 3.70  | U    | 1  | 3.70     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 53469-21-9        | Aroclor-1242         | 4.00  | U    | 1  | 4.00     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 12672-29-6        | Aroclor-1248         | 5.90  | U    | 1  | 5.90     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 11097-69-1        | Aroclor-1254         | 3.20  | U    | 1  | 3.20     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 37324-23-5        | Aroclor-1262         | 5.00  | U    | 1  | 5.00     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 11100-14-4        | Aroclor-1268         | 3.60  | U    | 1  | 3.60     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| 11096-82-5        | Aroclor-1260         | 127   |      | 1  | 3.20     | 17.0       | ug/kg   | 10/15/25 11:26 | PB170053 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 15.9  |      |    | 32 - 144 | 80%        | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 14.8  |      |    | 32 - 175 | 74%        | SPK: 20 |                |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

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\_P\Data\PP101525\  
 Data File : PP075791.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 11:26  
 Operator : YP\AJ  
 Sample : PB170053BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB170053BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:48:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.653  | 3.792 | 20864037 | 77662953 | 15.945   | 12.730    |
| 2) SA Decachlor...          | 10.429 | 8.792 | 14465964 | 89271091 | 14.502   | 14.798    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.806  | 4.886 | 18487118 | 218.8E6  | 384.309  | 390.049m  |
| 4) L1 AR-1016-2             | 5.827  | 4.944 | 28580466 | 100.9E6  | 398.453  | 392.580m  |
| 5) L1 AR-1016-3             | 5.890  | 5.065 | 17521264 | 52451575 | 376.552  | 337.812   |
| 6) L1 AR-1016-4             | 5.987  | 5.106 | 14146108 | 48511174 | 396.954  | 330.080   |
| 7) L1 AR-1016-5             | 6.279  | 5.318 | 13257400 | 58596397 | 393.146  | 358.646   |
| 31) L7 AR-1260-1            | 7.396  | 6.346 | 24304787 | 146.6E6  | 404.275  | 361.264   |
| 32) L7 AR-1260-2            | 7.648  | 6.534 | 28588665 | 206.8E6  | 392.712  | 359.133   |
| 33) L7 AR-1260-3            | 8.007  | 6.687 | 19064545 | 150.9E6  | 352.101  | 352.523   |
| 34) L7 AR-1260-4            | 8.233  | 7.155 | 22239138 | 126.0E6  | 393.354m | 292.213 # |
| 35) L7 AR-1260-5            | 8.560  | 7.396 | 40644096 | 307.3E6  | 370.137  | 292.115   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101525\  
Data File : PP075791.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 11:26  
Operator : YP\AJ  
Sample : PB170053BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

PB170053BS

## Manual Integrations

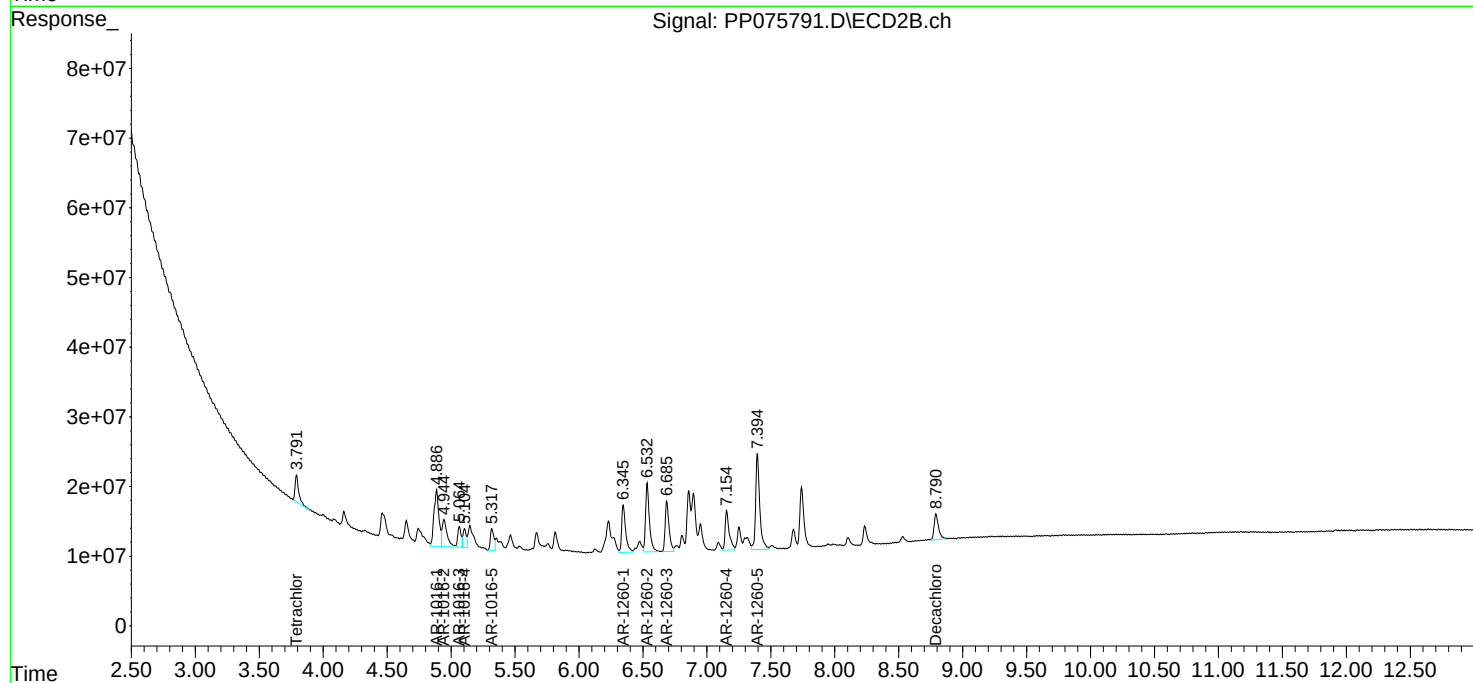
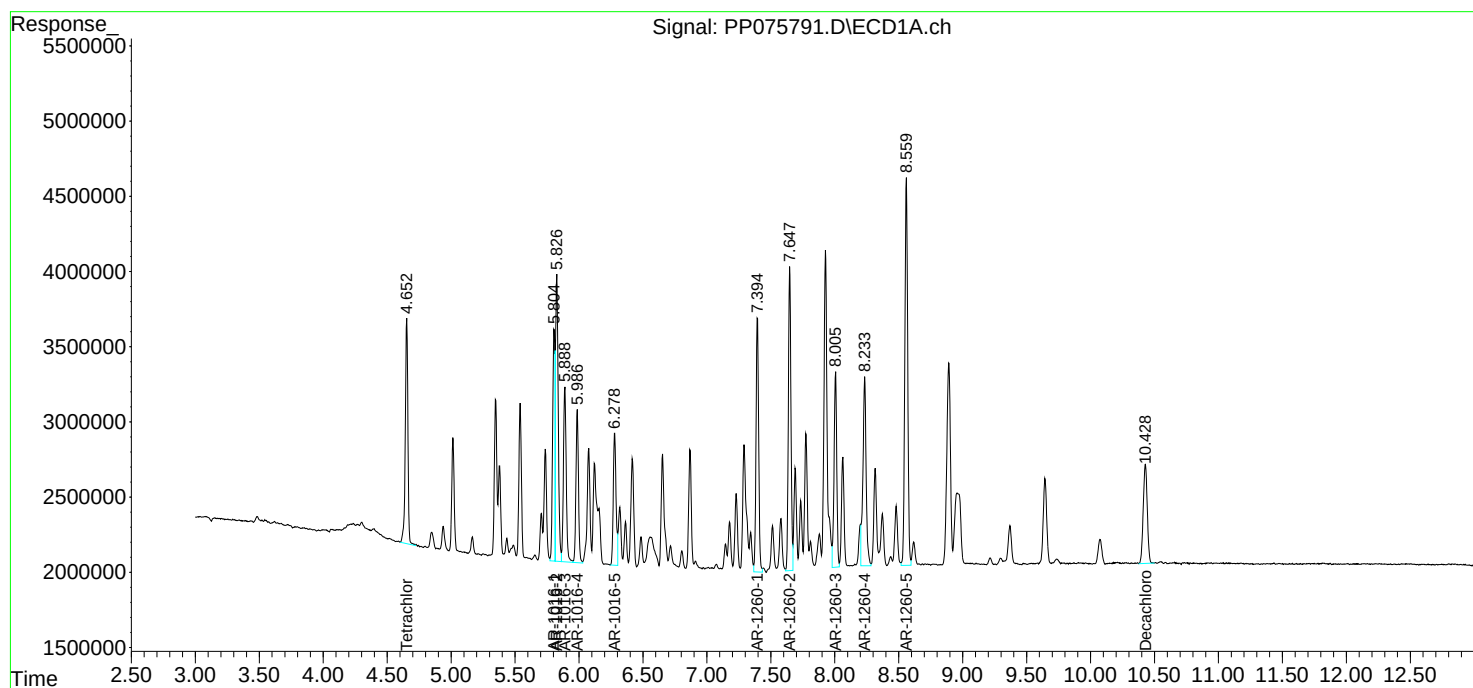
## APPROVED

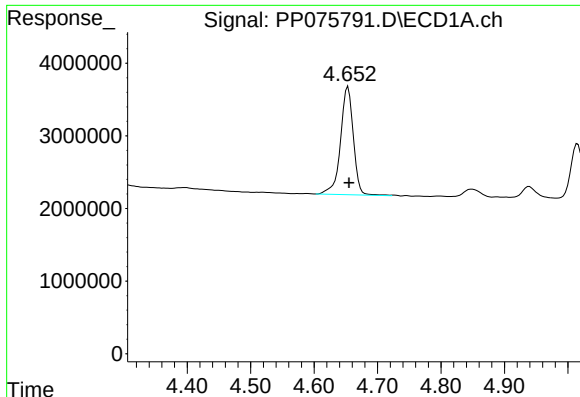
Reviewed By :Yogesh Patel 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:48:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





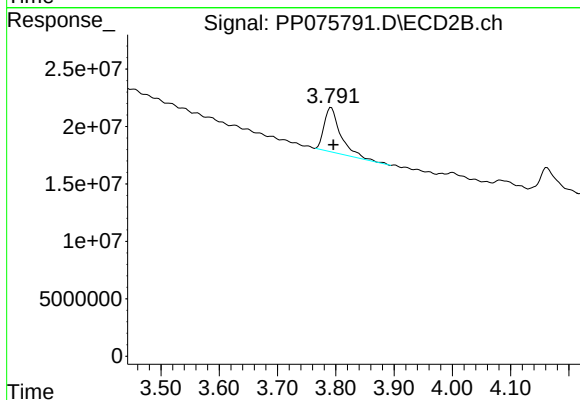
## #1 Tetrachloro-m-xylene

R.T.: 4.653 min  
Delta R.T.: -0.002 min  
Response: 20864037  
Conc: 15.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

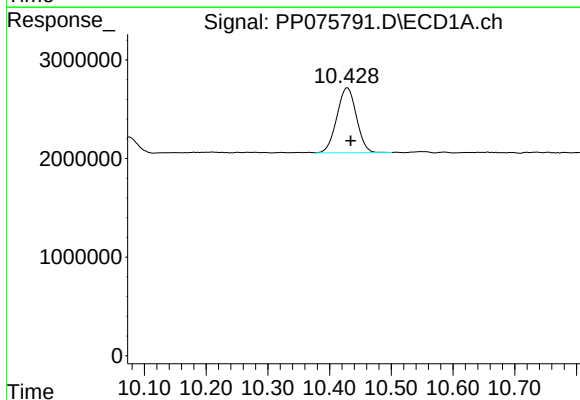
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



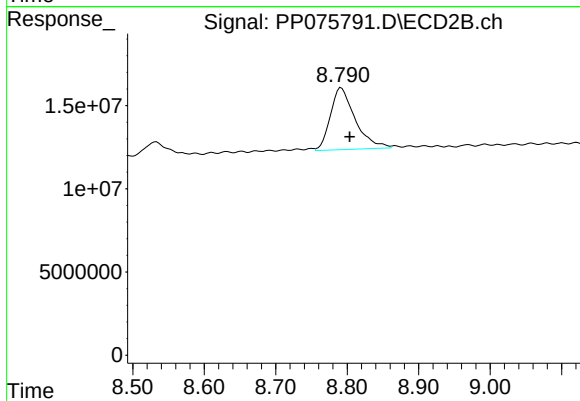
## #1 Tetrachloro-m-xylene

R.T.: 3.792 min  
Delta R.T.: -0.004 min  
Response: 77662953  
Conc: 12.73 ng/ml



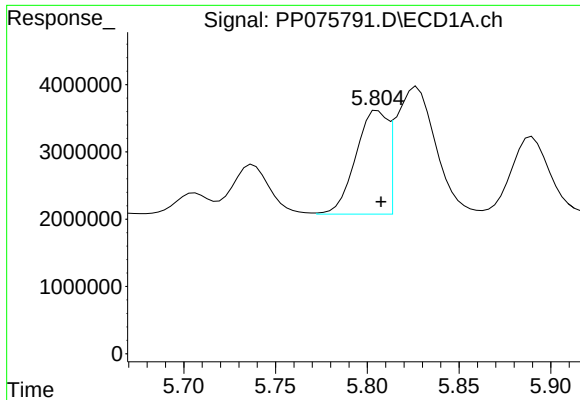
## #2 Decachlorobiphenyl

R.T.: 10.429 min  
Delta R.T.: -0.005 min  
Response: 14465964  
Conc: 14.50 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.012 min  
Response: 89271091  
Conc: 14.80 ng/ml



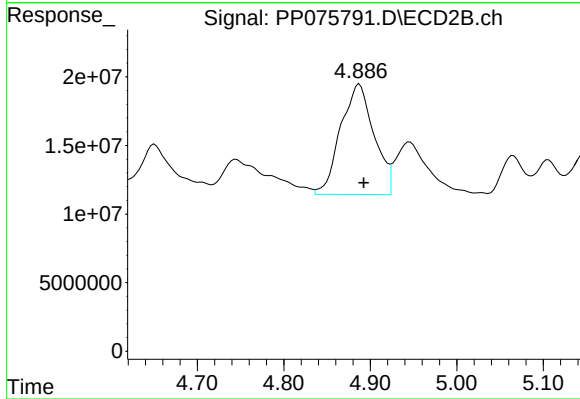
#3 AR-1016-1

R.T.: 5.806 min  
Delta R.T.: -0.002 min  
Response: 18487118  
Conc: 384.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

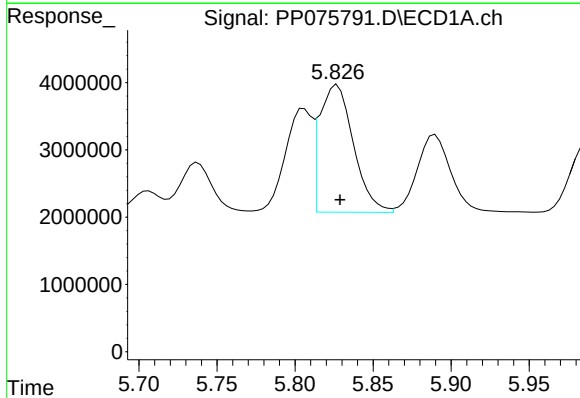
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



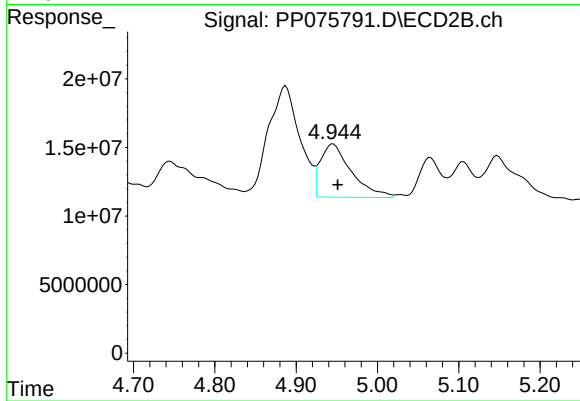
#3 AR-1016-1

R.T.: 4.886 min  
Delta R.T.: -0.007 min  
Response: 218822901  
Conc: 390.05 ng/ml m



#4 AR-1016-2

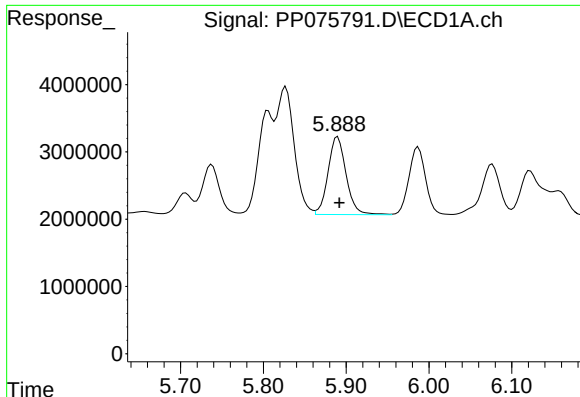
R.T.: 5.827 min  
Delta R.T.: -0.002 min  
Response: 28580466  
Conc: 398.45 ng/ml



#4 AR-1016-2

R.T.: 4.944 min  
Delta R.T.: -0.007 min  
Response: 100894016  
Conc: 392.58 ng/ml m





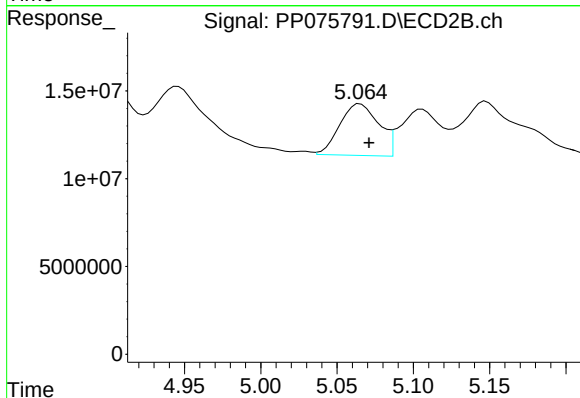
#5 AR-1016-3

R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 17521264  
Conc: 376.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

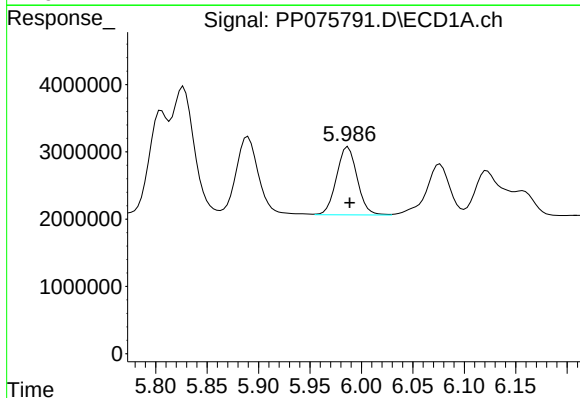
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



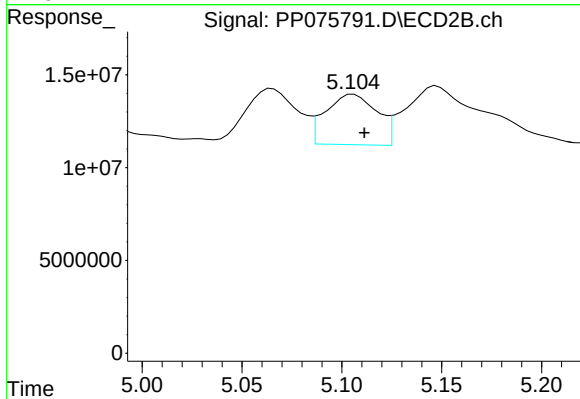
#5 AR-1016-3

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 52451575  
Conc: 337.81 ng/ml



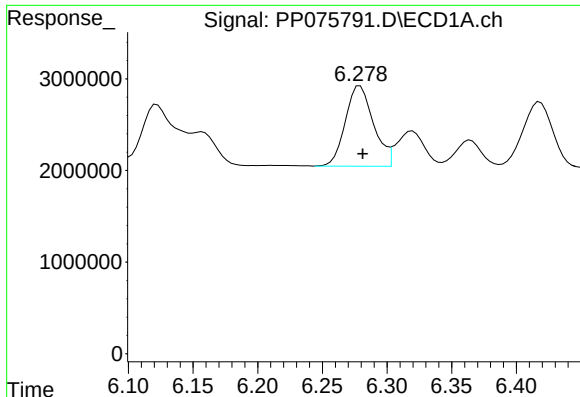
#6 AR-1016-4

R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 14146108  
Conc: 396.95 ng/ml



#6 AR-1016-4

R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 48511174  
Conc: 330.08 ng/ml



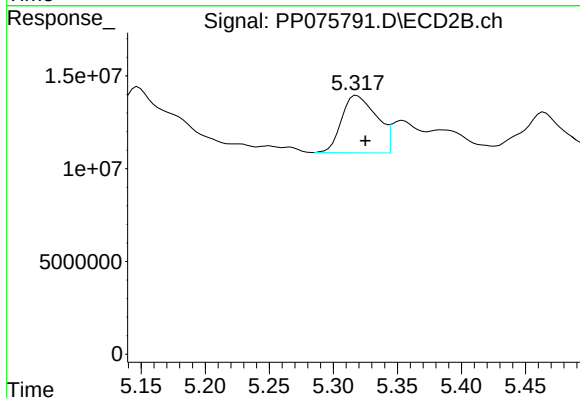
#7 AR-1016-5

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 13257400  
Conc: 393.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

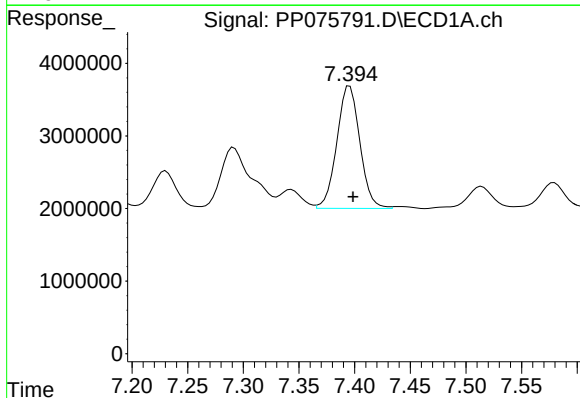
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



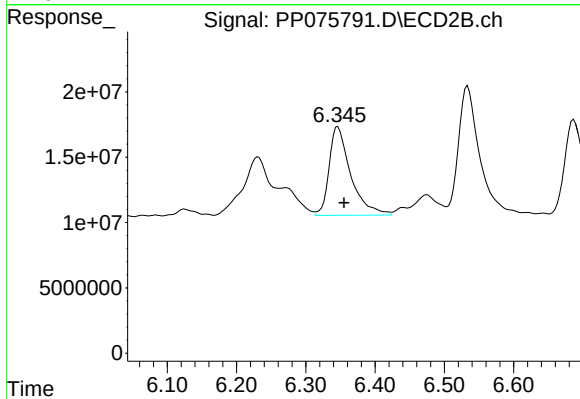
#7 AR-1016-5

R.T.: 5.318 min  
Delta R.T.: -0.007 min  
Response: 58596397  
Conc: 358.65 ng/ml



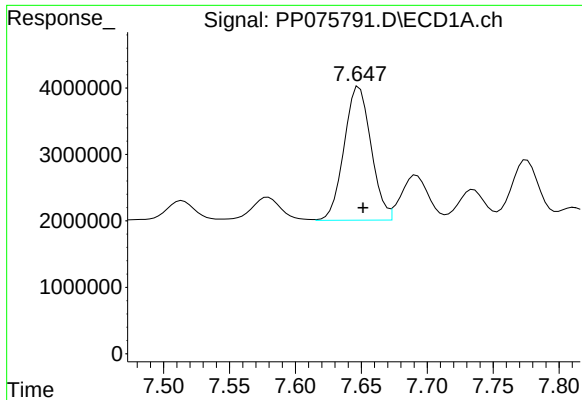
#31 AR-1260-1

R.T.: 7.396 min  
Delta R.T.: -0.003 min  
Response: 24304787  
Conc: 404.27 ng/ml



#31 AR-1260-1

R.T.: 6.346 min  
Delta R.T.: -0.009 min  
Response: 146649723  
Conc: 361.26 ng/ml



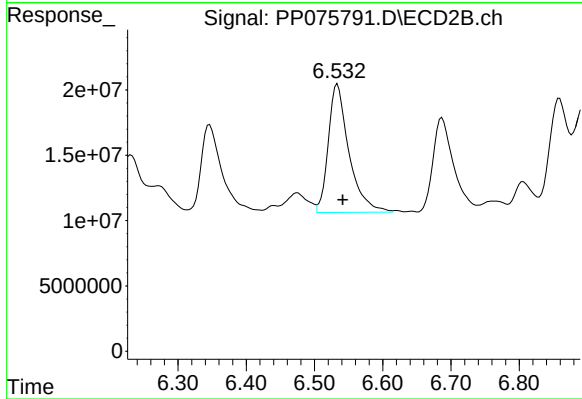
#32 AR-1260-2

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 28588665  
Conc: 392.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

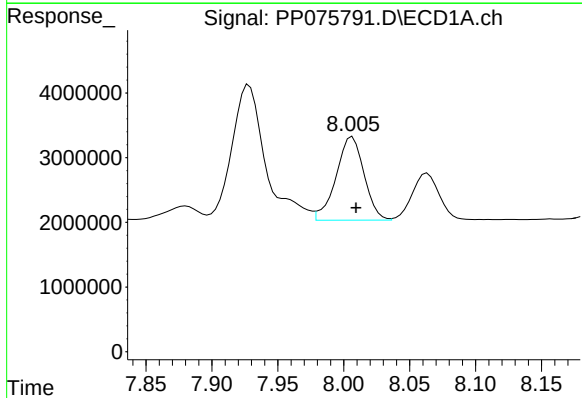
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



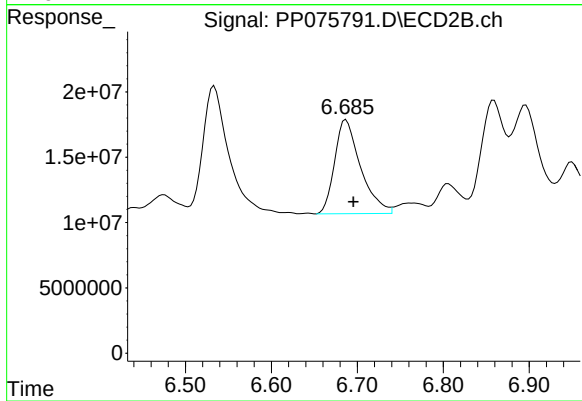
#32 AR-1260-2

R.T.: 6.534 min  
Delta R.T.: -0.008 min  
Response: 206799309  
Conc: 359.13 ng/ml



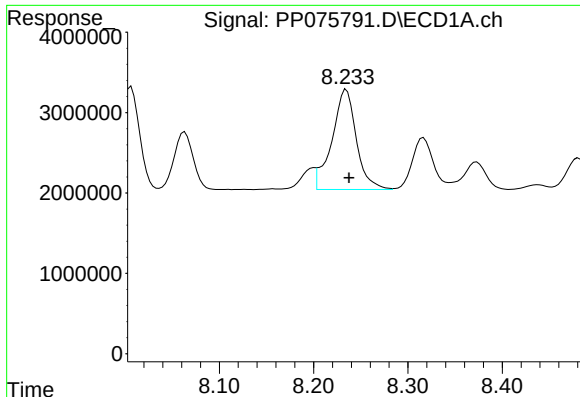
#33 AR-1260-3

R.T.: 8.007 min  
Delta R.T.: -0.003 min  
Response: 19064545  
Conc: 352.10 ng/ml



#33 AR-1260-3

R.T.: 6.687 min  
Delta R.T.: -0.008 min  
Response: 150909772  
Conc: 352.52 ng/ml



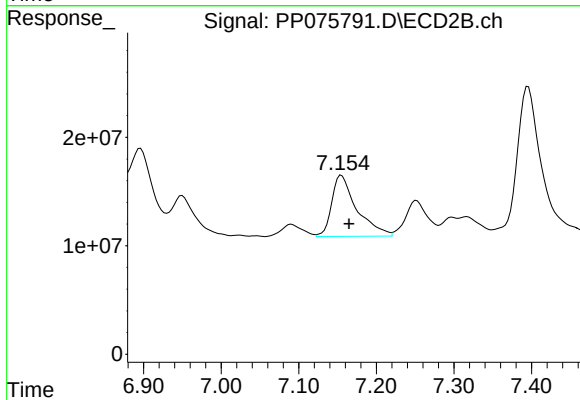
#34 AR-1260-4

R.T.: 8.233 min  
Delta R.T.: -0.004 min  
Response: 22239138  
Conc: 393.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB170053BS

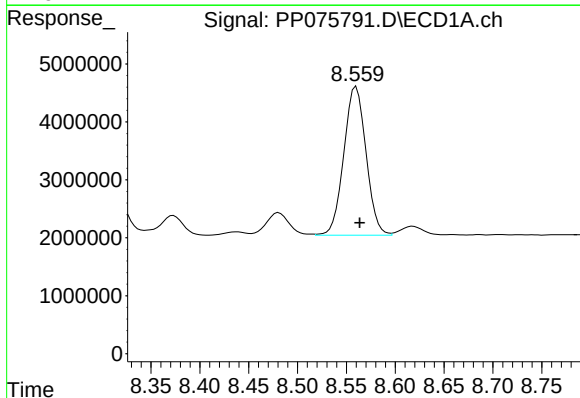
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



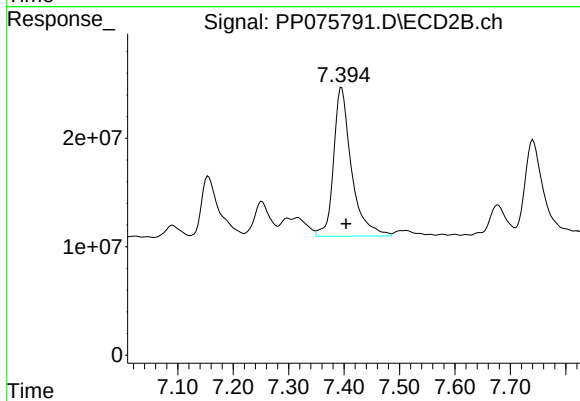
#34 AR-1260-4

R.T.: 7.155 min  
Delta R.T.: -0.010 min  
Response: 126009044  
Conc: 292.21 ng/ml



#35 AR-1260-5

R.T.: 8.560 min  
Delta R.T.: -0.004 min  
Response: 40644096  
Conc: 370.14 ng/ml



#35 AR-1260-5

R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 307301788  
Conc: 292.12 ng/ml



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

## Report of Analysis

|                    |                        |            |                 |          |
|--------------------|------------------------|------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/07/25 |
| Project:           | RFP 918                |            | Date Received:  | 10/08/25 |
| Client Sample ID:  | SS-01-1-2MS            |            | SDG No.:        | Q3321    |
| Lab Sample ID:     | Q3310-02MS             |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                  |            | % Solid:        | 72.4     |
| Sample Wt/Vol:     | 30.04 g                | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                | Prep Date  | 10/10/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 286   |      | 1  | 5.40     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 11104-28-2        | Aroclor-1221         | 5.60  | U    | 1  | 5.60     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 11141-16-5        | Aroclor-1232         | 5.10  | U    | 1  | 5.10     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 53469-21-9        | Aroclor-1242         | 5.50  | U    | 1  | 5.50     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 12672-29-6        | Aroclor-1248         | 8.20  | U    | 1  | 8.20     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 11097-69-1        | Aroclor-1254         | 4.40  | U    | 1  | 4.40     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 37324-23-5        | Aroclor-1262         | 6.90  | U    | 1  | 6.90     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 11100-14-4        | Aroclor-1268         | 5.00  | U    | 1  | 5.00     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| 11096-82-5        | Aroclor-1260         | 261   |      | 1  | 4.50     | 23.4       | ug/kg   | 10/10/25 14:03 | PB170053 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 20.8  |      |    | 32 - 144 | 104%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 16.8  |      |    | 32 - 175 | 84%        | 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\_P\Data\PP101025\  
 Data File : PP075716.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 14:03  
 Operator : YP\AJ  
 Sample : Q3310-02MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 SS-01-1-2MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 04:33:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.651  | 3.793 | 27152913 | 118.0E6  | 20.751   | 19.337    |
| 2) SA Decachlor...          | 10.421 | 8.791 | 16708117 | 89938555 | 16.749   | 14.909    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.802  | 4.887 | 28844481 | 338.1E6  | 599.618  | 602.743   |
| 4) L1 AR-1016-2             | 5.824  | 4.945 | 45512749 | 152.3E6  | 634.513  | 592.723   |
| 5) L1 AR-1016-3             | 5.887  | 5.065 | 26398322 | 82957323 | 567.330  | 534.283   |
| 6) L1 AR-1016-4             | 5.983  | 5.105 | 24489062 | 85215913 | 687.187  | 579.826   |
| 7) L1 AR-1016-5             | 6.276  | 5.319 | 20782319 | 93188925 | 616.296  | 570.374   |
| 31) L7 AR-1260-1            | 7.392  | 6.347 | 36229227 | 237.9E6  | 602.620  | 585.979   |
| 32) L7 AR-1260-2            | 7.644  | 6.534 | 53037364 | 303.1E6  | 728.555  | 526.304 # |
| 33) L7 AR-1260-3            | 8.003  | 6.687 | 25640384 | 216.3E6  | 473.549  | 505.228   |
| 34) L7 AR-1260-4            | 8.230  | 7.155 | 29561784 | 145.7E6  | 522.874m | 337.785 # |
| 35) L7 AR-1260-5            | 8.556  | 7.395 | 56358710 | 479.0E6  | 513.246  | 455.315   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075716.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 14:03  
Operator : YP\AJ  
Sample : Q3310-02MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

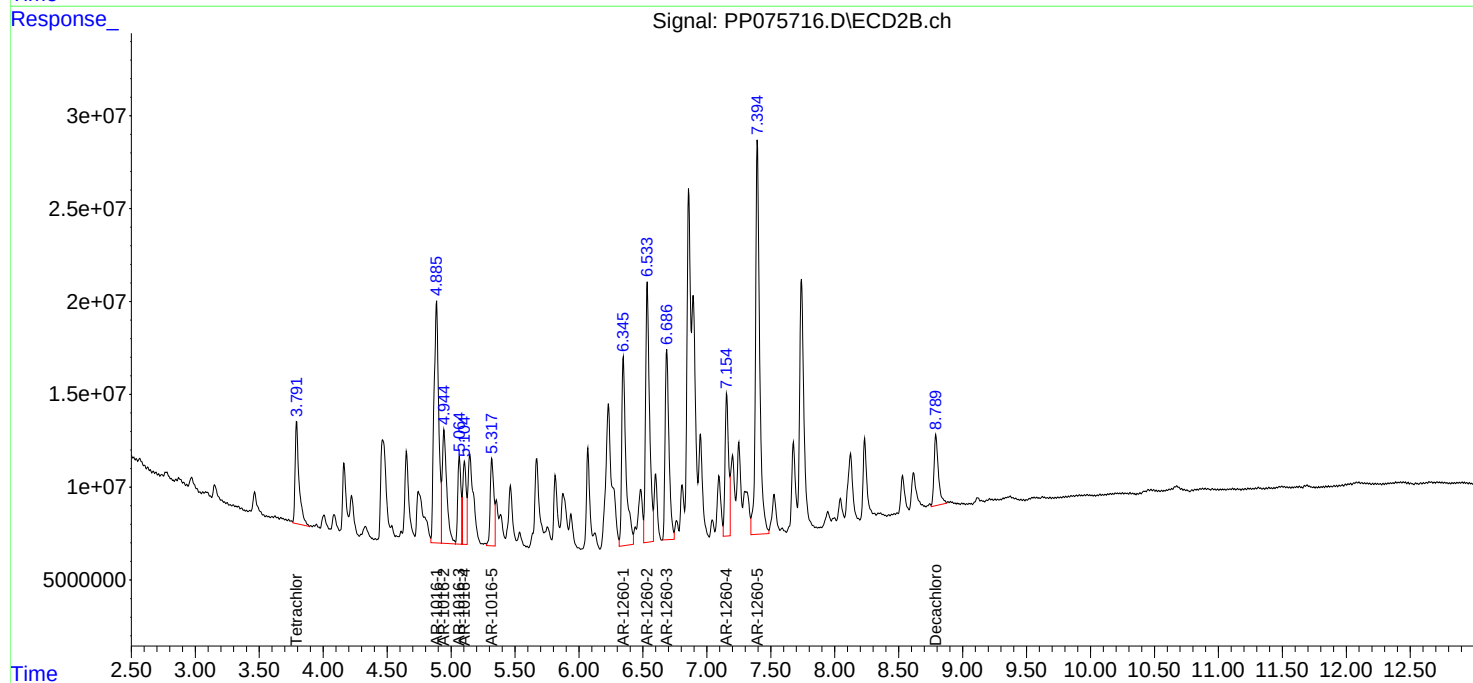
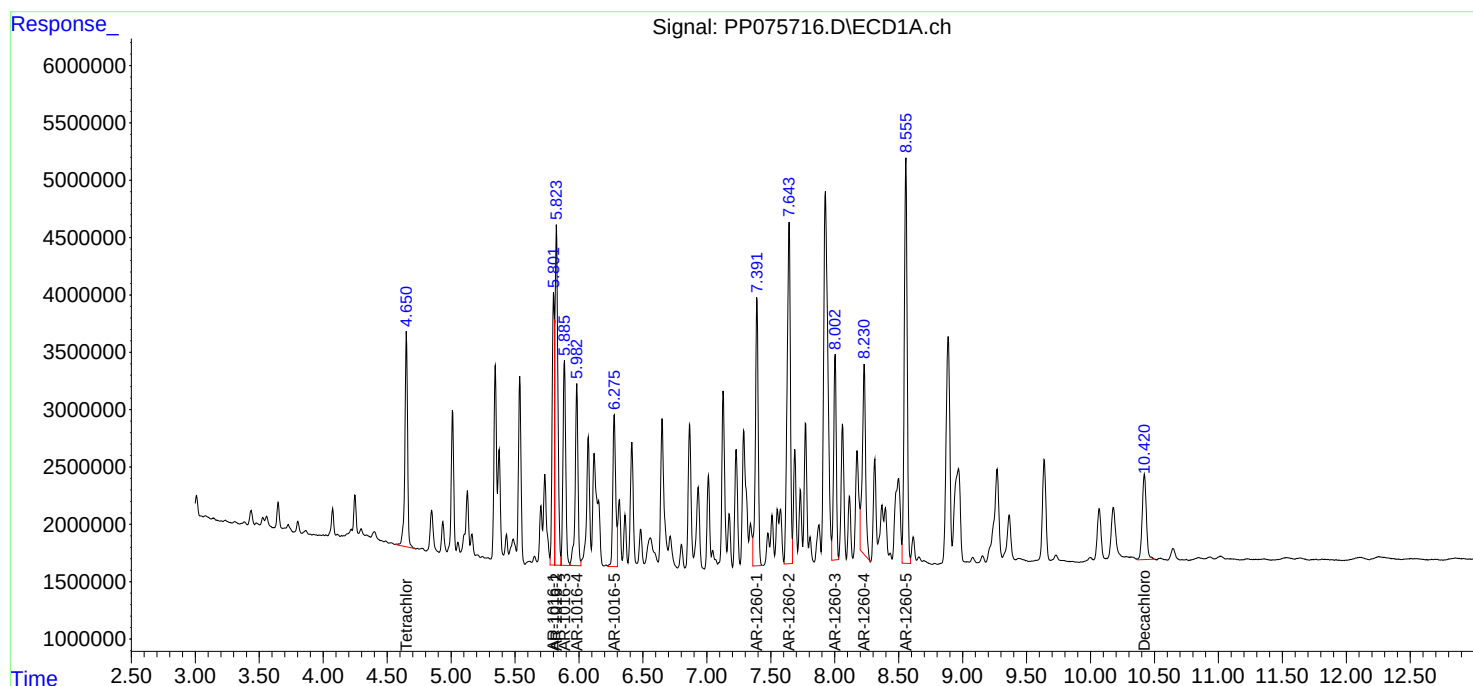
Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

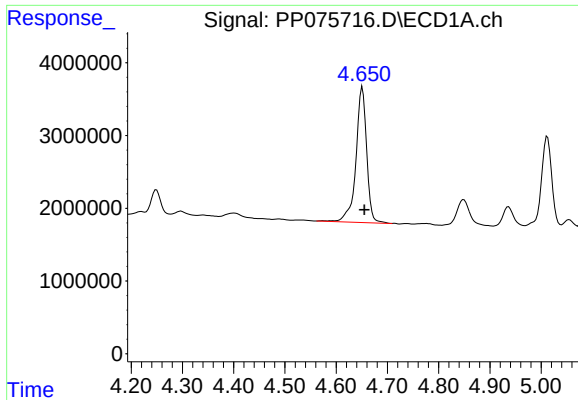
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:33:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





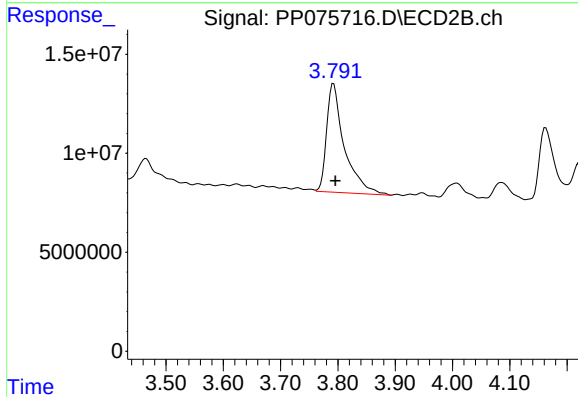
## #1 Tetrachloro-m-xylene

R.T.: 4.651 min  
Delta R.T.: -0.004 min  
Response: 27152913  
Conc: 20.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

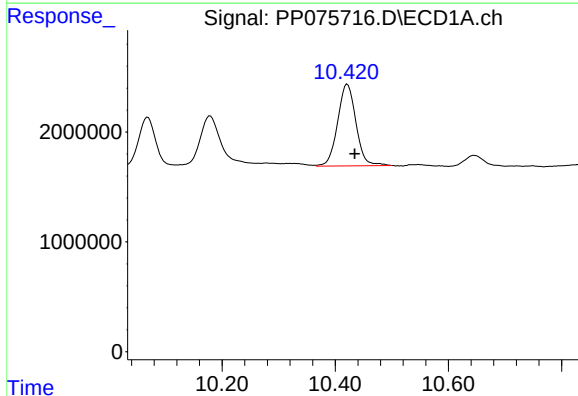
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



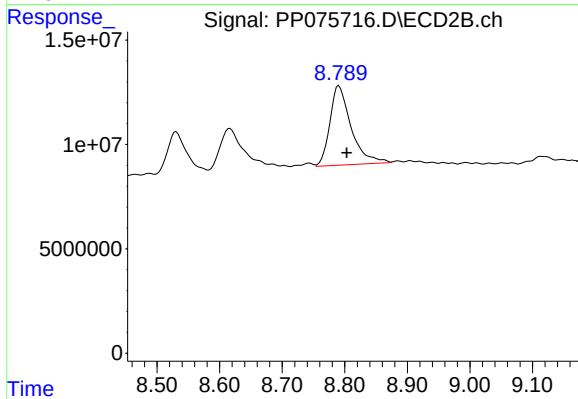
## #1 Tetrachloro-m-xylene

R.T.: 3.793 min  
Delta R.T.: -0.003 min  
Response: 117975724  
Conc: 19.34 ng/ml



## #2 Decachlorobiphenyl

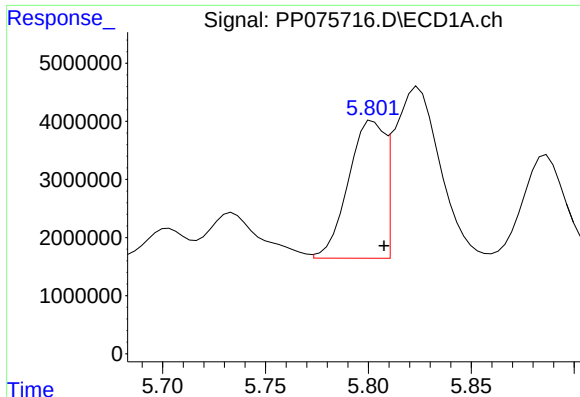
R.T.: 10.421 min  
Delta R.T.: -0.013 min  
Response: 16708117  
Conc: 16.75 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.013 min  
Response: 89938555  
Conc: 14.91 ng/ml





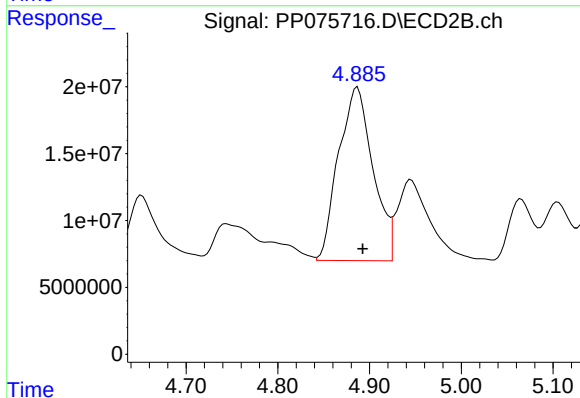
#3 AR-1016-1

R.T.: 5.802 min  
Delta R.T.: -0.005 min  
Response: 28844481  
Conc: 599.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

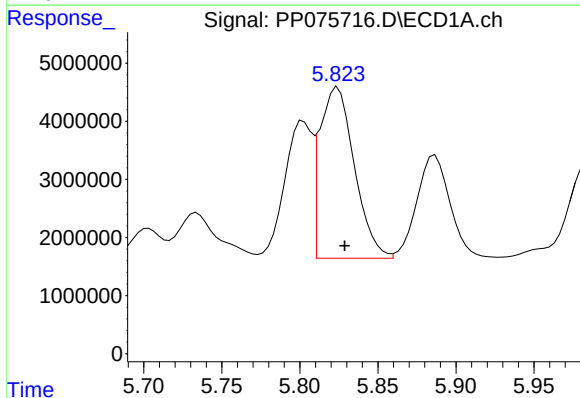
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



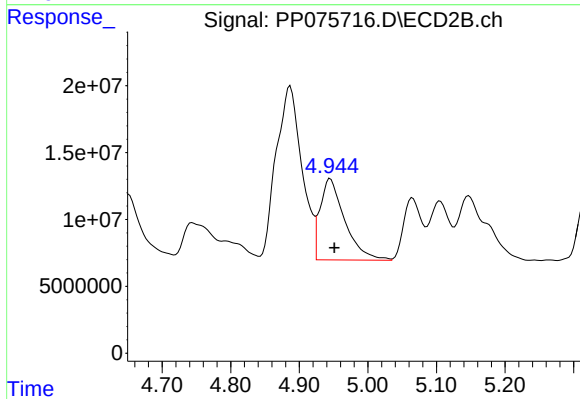
#3 AR-1016-1

R.T.: 4.887 min  
Delta R.T.: -0.006 min  
Response: 338147070  
Conc: 602.74 ng/ml



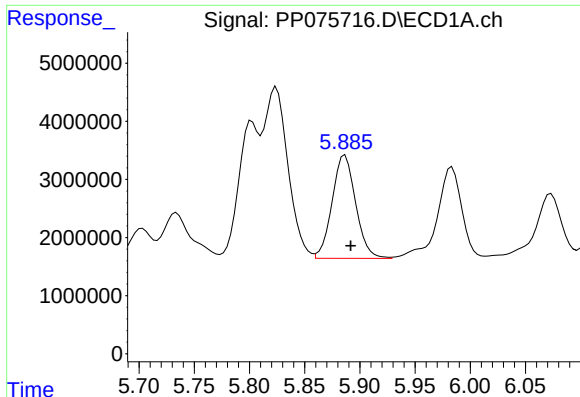
#4 AR-1016-2

R.T.: 5.824 min  
Delta R.T.: -0.004 min  
Response: 45512749  
Conc: 634.51 ng/ml



#4 AR-1016-2

R.T.: 4.945 min  
Delta R.T.: -0.006 min  
Response: 152331164  
Conc: 592.72 ng/ml



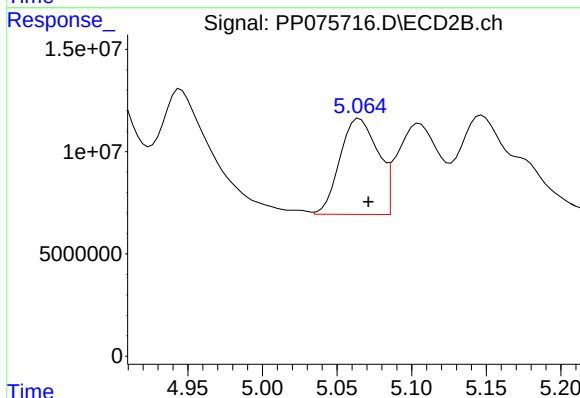
#5 AR-1016-3

R.T.: 5.887 min  
Delta R.T.: -0.005 min  
Response: 26398322  
Conc: 567.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

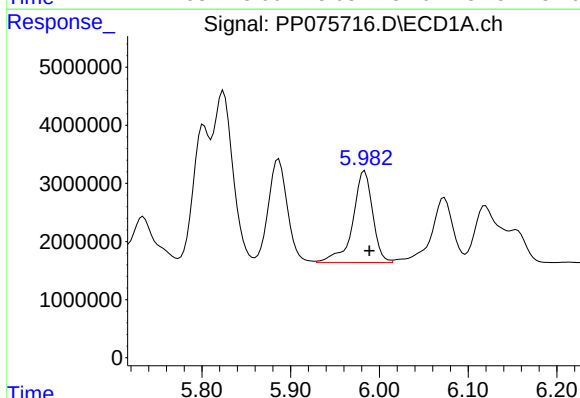
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



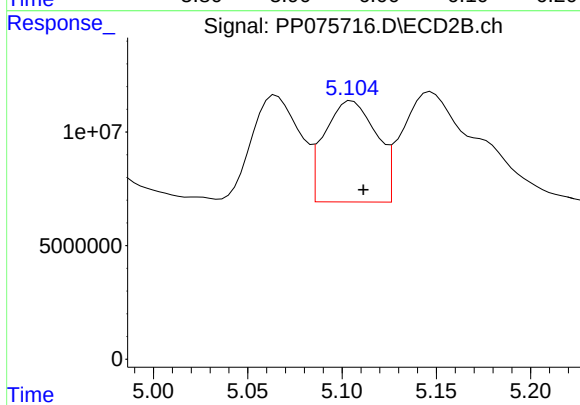
#5 AR-1016-3

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 82957323  
Conc: 534.28 ng/ml



#6 AR-1016-4

R.T.: 5.983 min  
Delta R.T.: -0.005 min  
Response: 24489062  
Conc: 687.19 ng/ml

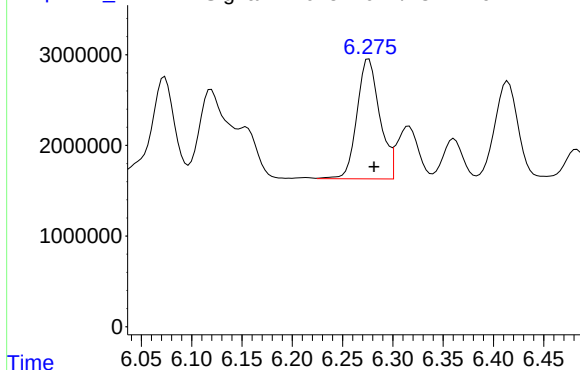


#6 AR-1016-4

R.T.: 5.105 min  
Delta R.T.: -0.006 min  
Response: 85215913  
Conc: 579.83 ng/ml

Response\_ Signal: PP075716.D\ECD1A.ch

#7 AR-1016-5



R.T.: 6.276 min  
Delta R.T.: -0.005 min  
Response: 20782319  
Conc: 616.30 ng/ml

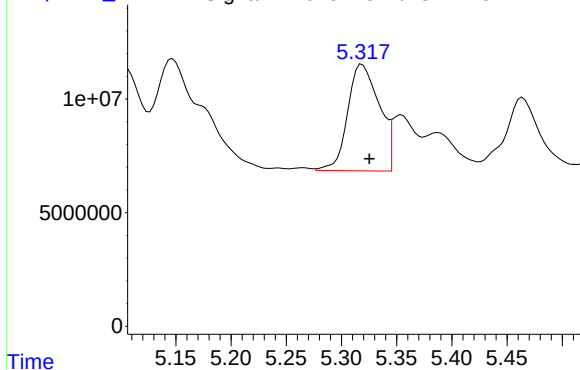
Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025

Response\_ Signal: PP075716.D\ECD2B.ch

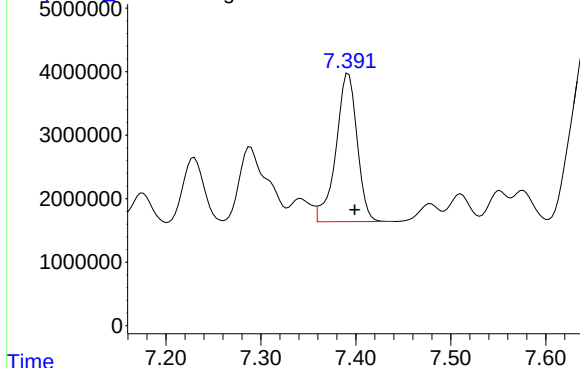
#7 AR-1016-5



R.T.: 5.319 min  
Delta R.T.: -0.006 min  
Response: 93188925  
Conc: 570.37 ng/ml

Response\_ Signal: PP075716.D\ECD1A.ch

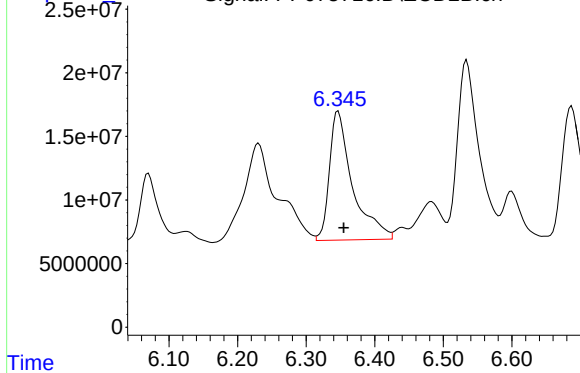
#31 AR-1260-1



R.T.: 7.392 min  
Delta R.T.: -0.006 min  
Response: 36229227  
Conc: 602.62 ng/ml

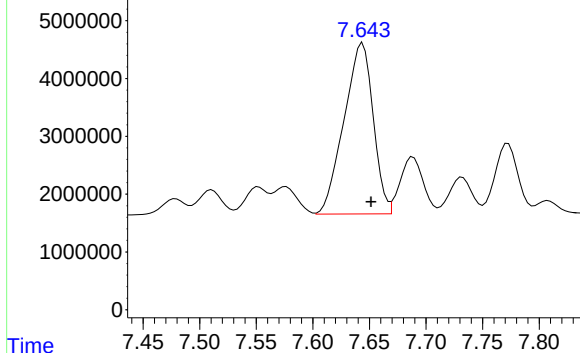
Response\_ Signal: PP075716.D\ECD2B.ch

#31 AR-1260-1



R.T.: 6.347 min  
Delta R.T.: -0.008 min  
Response: 237869621  
Conc: 585.98 ng/ml

Response\_ Signal: PP075716.D\ECD1A.ch



#32 AR-1260-2

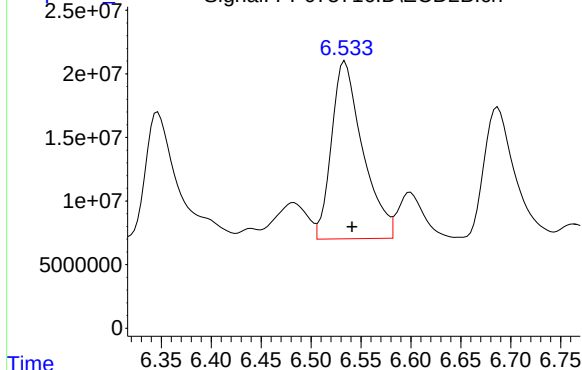
R.T.: 7.644 min  
Delta R.T.: -0.007 min  
Response: 53037364  
Conc: 728.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025

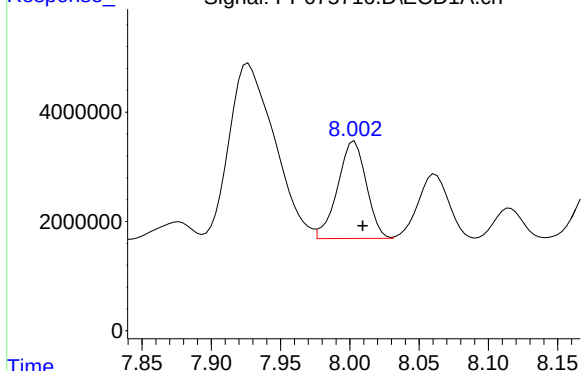
Response\_ Signal: PP075716.D\ECD2B.ch



#32 AR-1260-2

R.T.: 6.534 min  
Delta R.T.: -0.007 min  
Response: 303061669  
Conc: 526.30 ng/ml

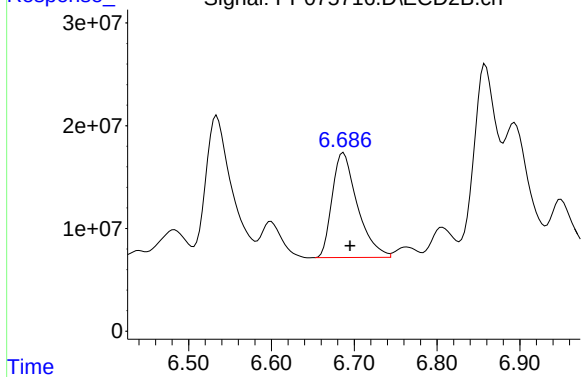
Response\_ Signal: PP075716.D\ECD1A.ch



#33 AR-1260-3

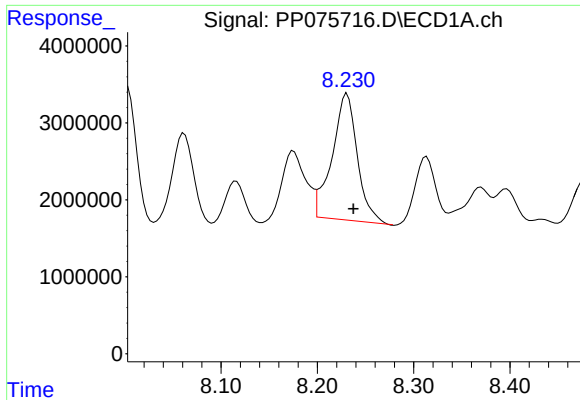
R.T.: 8.003 min  
Delta R.T.: -0.006 min  
Response: 25640384  
Conc: 473.55 ng/ml

Response\_ Signal: PP075716.D\ECD2B.ch



#33 AR-1260-3

R.T.: 6.687 min  
Delta R.T.: -0.008 min  
Response: 216280666  
Conc: 505.23 ng/ml



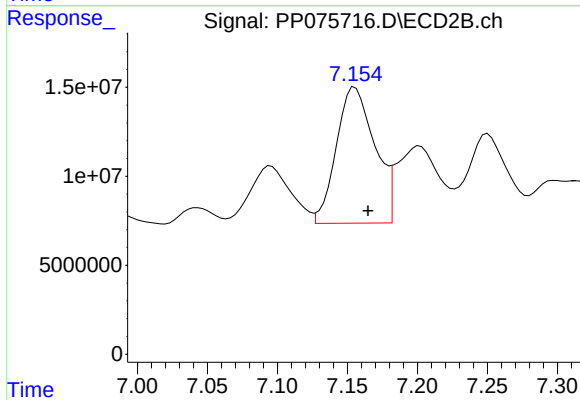
#34 AR-1260-4

R.T.: 8.230 min  
Delta R.T.: -0.008 min  
Response: 29561784  
Conc: 522.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MS

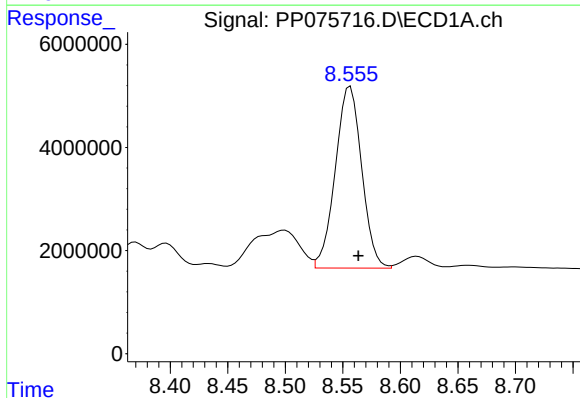
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



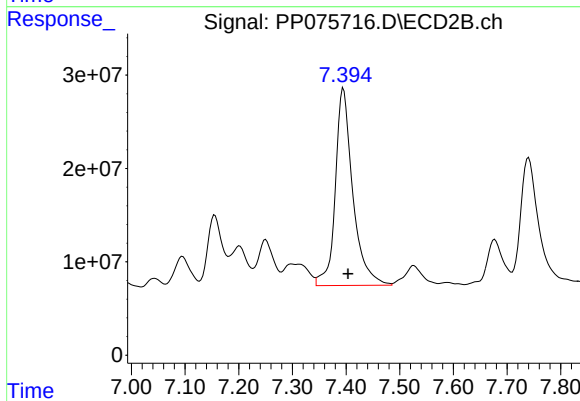
#34 AR-1260-4

R.T.: 7.155 min  
Delta R.T.: -0.009 min  
Response: 145660862  
Conc: 337.78 ng/ml



#35 AR-1260-5

R.T.: 8.556 min  
Delta R.T.: -0.007 min  
Response: 56358710  
Conc: 513.25 ng/ml



#35 AR-1260-5

R.T.: 7.395 min  
Delta R.T.: -0.008 min  
Response: 478986399  
Conc: 455.32 ng/ml



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

## Report of Analysis

|                    |                        |            |                 |          |
|--------------------|------------------------|------------|-----------------|----------|
| Client:            | Weston Solutions, Inc. |            | Date Collected: | 10/07/25 |
| Project:           | RFP 918                |            | Date Received:  | 10/08/25 |
| Client Sample ID:  | SS-01-1-2MSD           |            | SDG No.:        | Q3321    |
| Lab Sample ID:     | Q3310-02MSD            |            | Matrix:         | SOIL     |
| Analytical Method: | 8082A                  |            | % Solid:        | 72.4     |
| Sample Wt/Vol:     | 30.05 g                | Final Vol: | 10000 uL        | Test:    |
| Prep Method:       | SW3541B                | Prep Date  | 10/10/25        | PCB      |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |          |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 303   |      | 1  | 5.40     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 11104-28-2        | Aroclor-1221         | 5.60  | U    | 1  | 5.60     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 11141-16-5        | Aroclor-1232         | 5.10  | U    | 1  | 5.10     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 53469-21-9        | Aroclor-1242         | 5.50  | U    | 1  | 5.50     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 12672-29-6        | Aroclor-1248         | 8.20  | U    | 1  | 8.20     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 11097-69-1        | Aroclor-1254         | 4.40  | U    | 1  | 4.40     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 37324-23-5        | Aroclor-1262         | 6.90  | U    | 1  | 6.90     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 11100-14-4        | Aroclor-1268         | 5.00  | U    | 1  | 5.00     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| 11096-82-5        | Aroclor-1260         | 320   |      | 1  | 4.50     | 23.4       | ug/kg   | 10/10/25 14:20 | PB170053 |
| <b>SURROGATES</b> |                      |       |      |    |          |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 20.6  |      |    | 32 - 144 | 103%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 17.0  |      |    | 32 - 175 | 85%        | 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\_P\Data\PP101025\  
 Data File : PP075717.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 14:20  
 Operator : YP\AJ  
 Sample : Q3310-02MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 SS-01-1-2MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 04:34:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 24 10:55:35 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 4.651  | 3.792 | 26936360 | 120.9E6  | 20.586   | 19.814    |
| 2) SA Decachlor...          | 10.422 | 8.791 | 16947936 | 97382690 | 16.990   | 16.143    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.803  | 4.888 | 29480251 | 337.9E6  | 612.834  | 602.273   |
| 4) L1 AR-1016-2             | 5.825  | 4.945 | 48916665 | 153.1E6  | 681.969  | 595.593   |
| 5) L1 AR-1016-3             | 5.887  | 5.065 | 26832479 | 86657516 | 576.661  | 558.114   |
| 6) L1 AR-1016-4             | 5.983  | 5.105 | 26922172 | 93317860 | 755.463  | 634.954   |
| 7) L1 AR-1016-5             | 6.276  | 5.319 | 22541693 | 97382499 | 668.470  | 596.041   |
| 31) L7 AR-1260-1            | 7.392  | 6.347 | 40857350 | 270.0E6  | 679.602  | 665.228   |
| 32) L7 AR-1260-2            | 7.642  | 6.534 | 72633034 | 359.8E6  | 997.734  | 624.773 # |
| 33) L7 AR-1260-3            | 8.003  | 6.687 | 30109363 | 245.7E6  | 556.086  | 573.856   |
| 34) L7 AR-1260-4            | 8.229  | 7.156 | 37396102 | 176.7E6  | 661.443m | 409.831 # |
| 35) L7 AR-1260-5            | 8.557  | 7.395 | 63867047 | 579.7E6  | 581.623  | 551.059   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101025\  
Data File : PP075717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2025 14:20  
Operator : YP\AJ  
Sample : Q3310-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

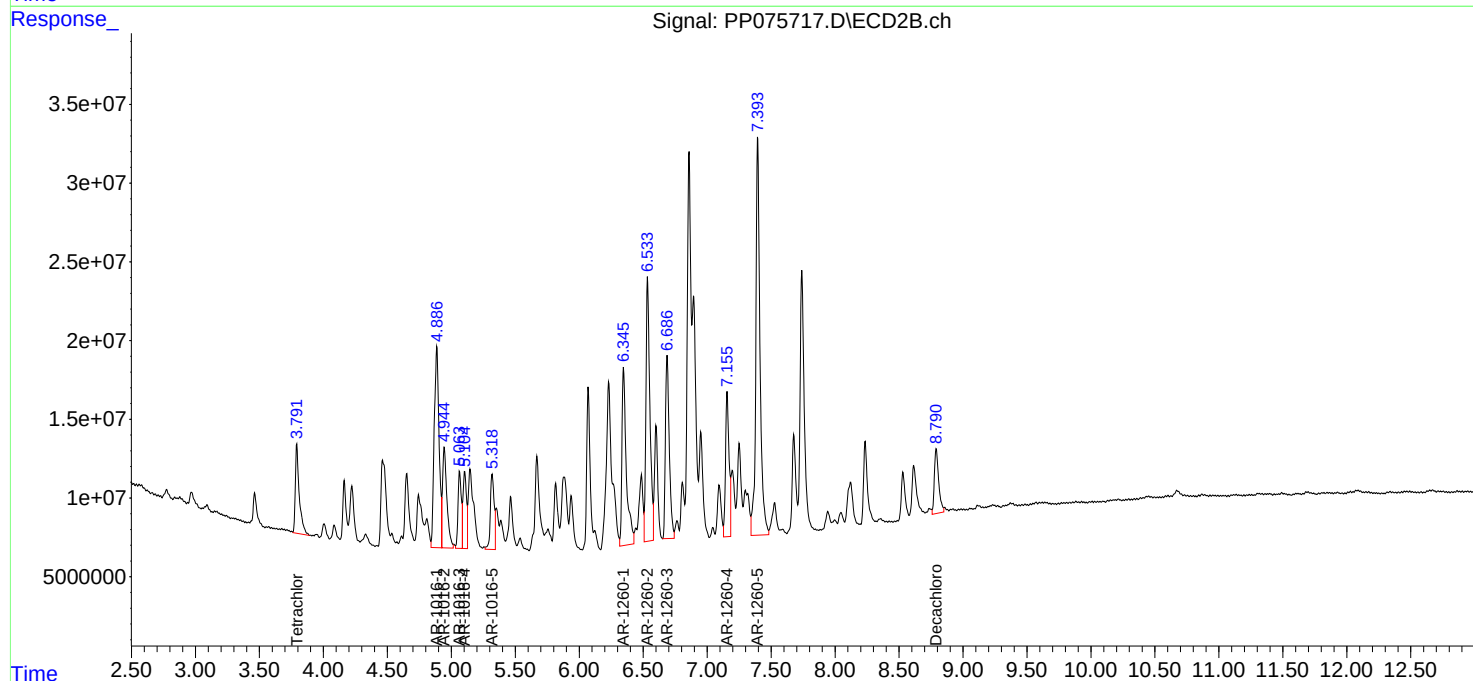
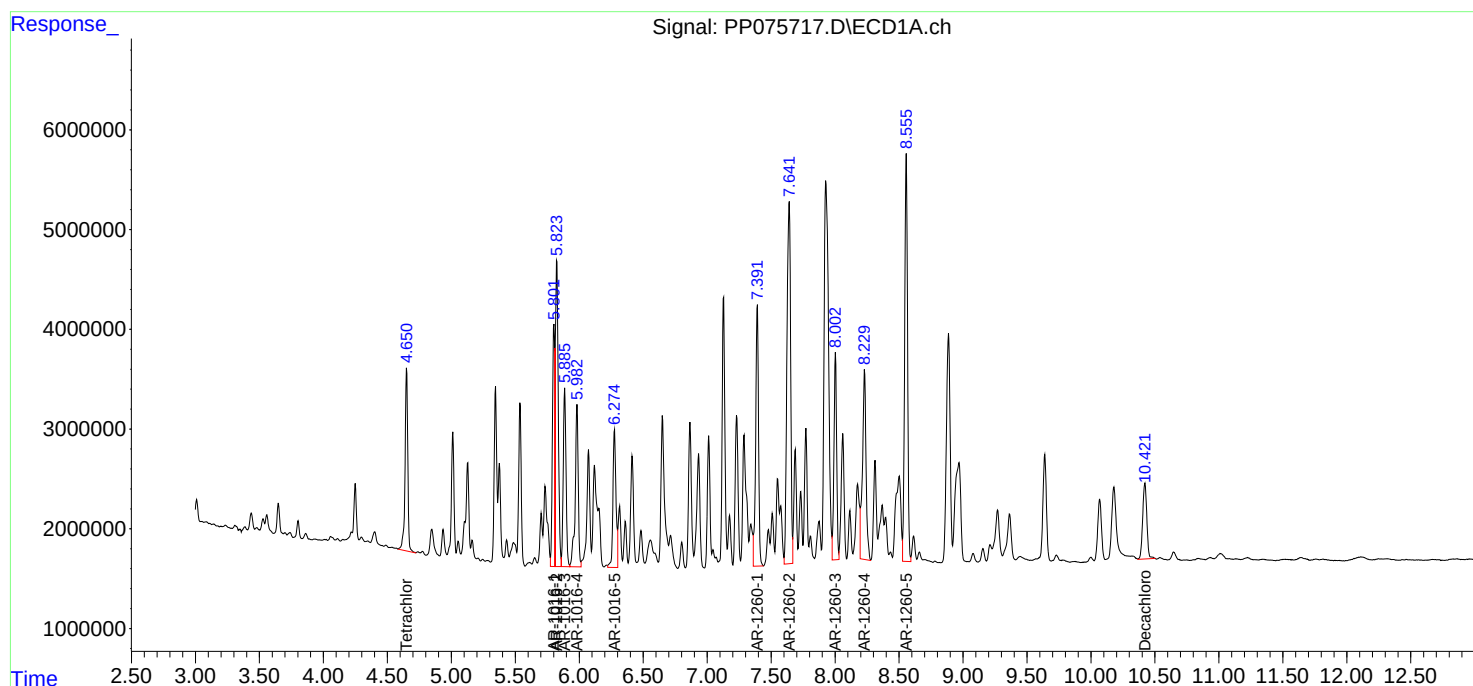
Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

Manual Integrations  
APPROVED

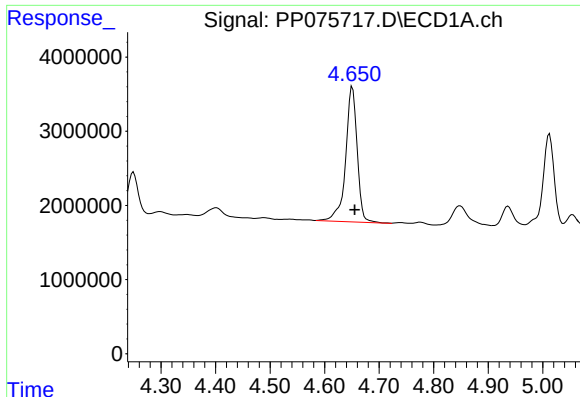
Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 04:34:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092325.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 24 10:55:35 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : 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.: 4.651 min  
Delta R.T.: -0.004 min  
Response: 26936360  
Conc: 20.59 ng/ml

Instrument :

ECD\_P

ClientSampleId :

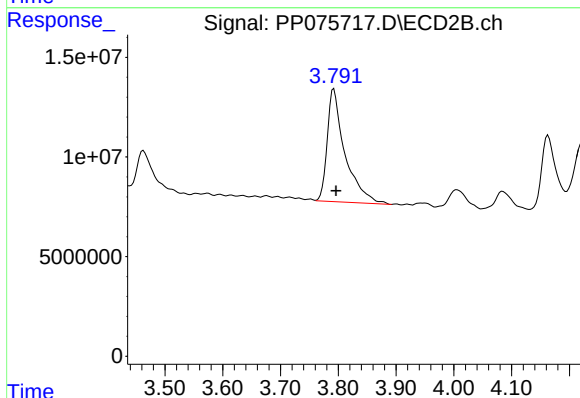
SS-01-1-2MSD

## Manual Integrations

APPROVED

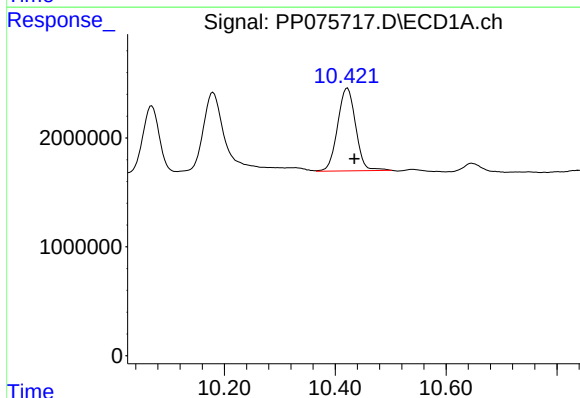
Reviewed By :Yogesh Patel 10/13/2025

Supervised By :mohammad ahmed 10/15/2025



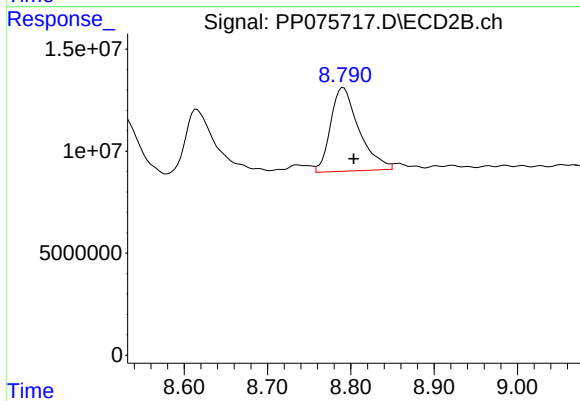
## #1 Tetrachloro-m-xylene

R.T.: 3.792 min  
Delta R.T.: -0.004 min  
Response: 120882370  
Conc: 19.81 ng/ml



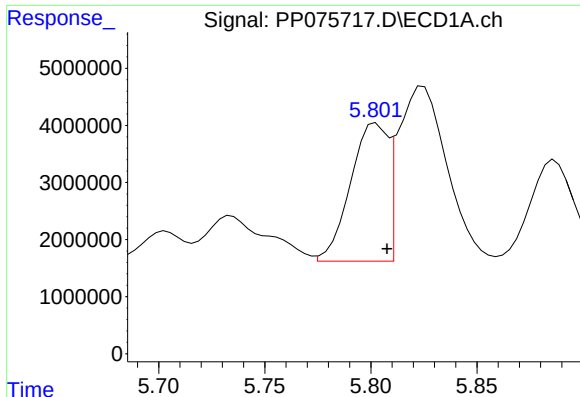
## #2 Decachlorobiphenyl

R.T.: 10.422 min  
Delta R.T.: -0.012 min  
Response: 16947936  
Conc: 16.99 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.012 min  
Response: 97382690  
Conc: 16.14 ng/ml



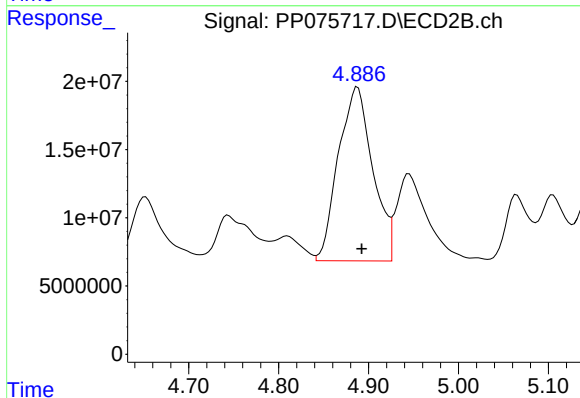
#3 AR-1016-1

R.T.: 5.803 min  
Delta R.T.: -0.005 min  
Response: 29480251  
Conc: 612.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

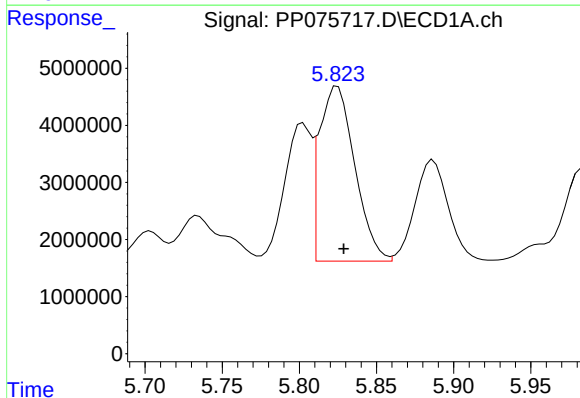
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



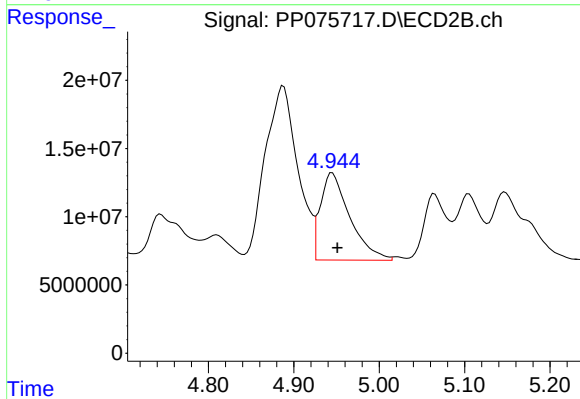
#3 AR-1016-1

R.T.: 4.888 min  
Delta R.T.: -0.005 min  
Response: 337883516  
Conc: 602.27 ng/ml



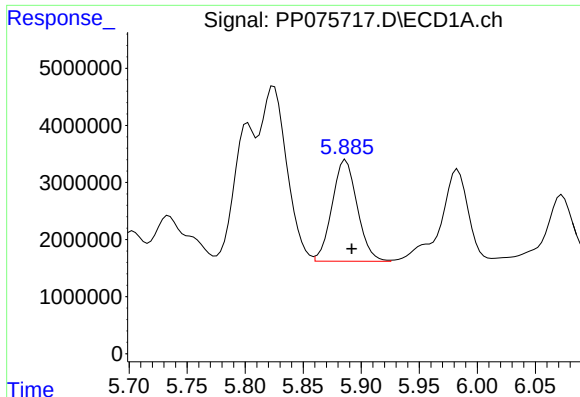
#4 AR-1016-2

R.T.: 5.825 min  
Delta R.T.: -0.004 min  
Response: 48916665  
Conc: 681.97 ng/ml



#4 AR-1016-2

R.T.: 4.945 min  
Delta R.T.: -0.006 min  
Response: 153068646  
Conc: 595.59 ng/ml



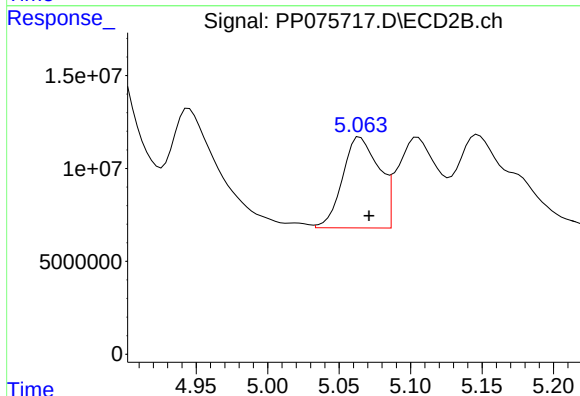
#5 AR-1016-3

R.T.: 5.887 min  
Delta R.T.: -0.005 min  
Response: 26832479  
Conc: 576.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

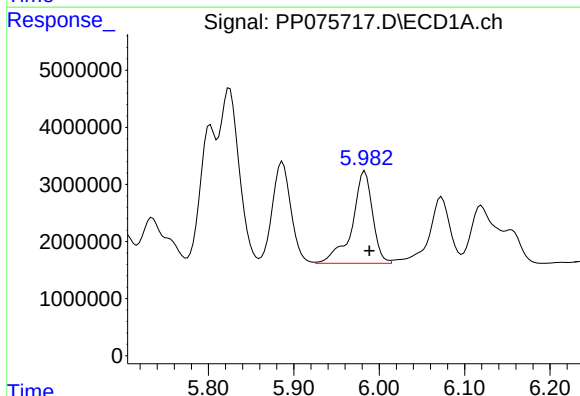
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



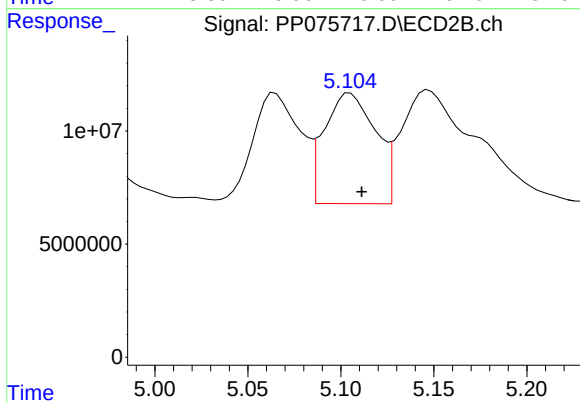
#5 AR-1016-3

R.T.: 5.065 min  
Delta R.T.: -0.006 min  
Response: 86657516  
Conc: 558.11 ng/ml



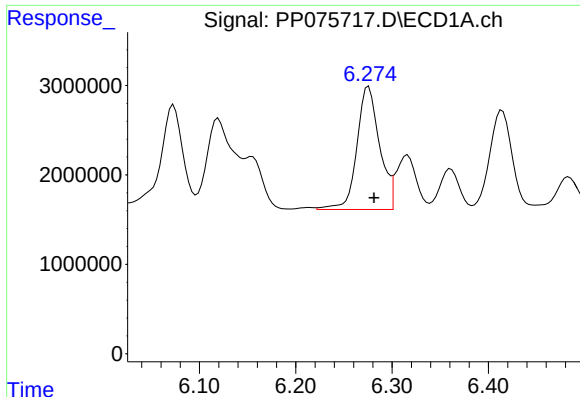
#6 AR-1016-4

R.T.: 5.983 min  
Delta R.T.: -0.006 min  
Response: 26922172  
Conc: 755.46 ng/ml



#6 AR-1016-4

R.T.: 5.105 min  
Delta R.T.: -0.006 min  
Response: 93317860  
Conc: 634.95 ng/ml



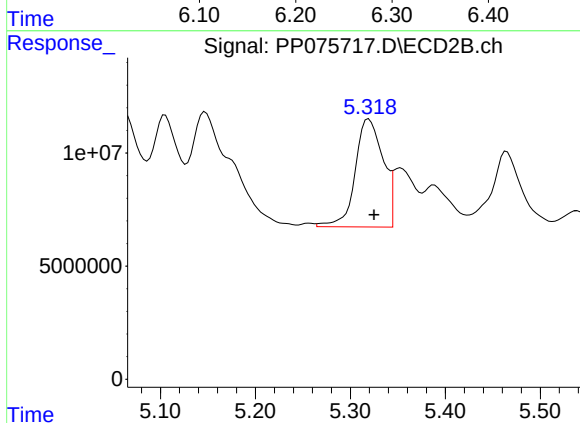
#7 AR-1016-5

R.T.: 6.276 min  
Delta R.T.: -0.006 min  
Response: 22541693  
Conc: 668.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

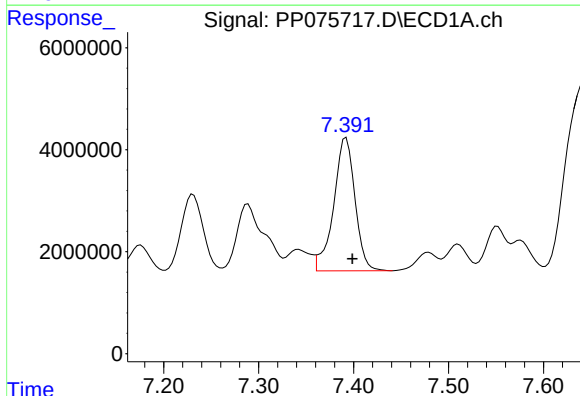
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



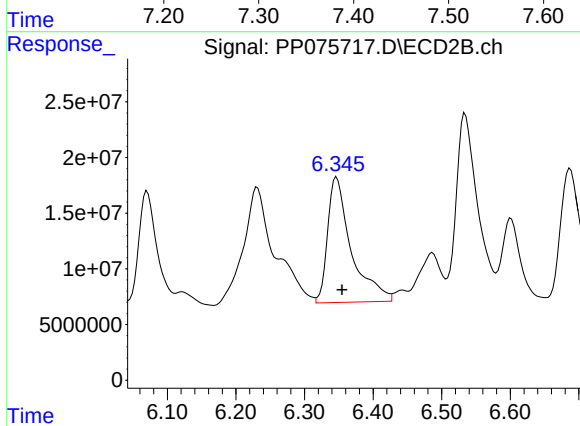
#7 AR-1016-5

R.T.: 5.319 min  
Delta R.T.: -0.006 min  
Response: 97382499  
Conc: 596.04 ng/ml



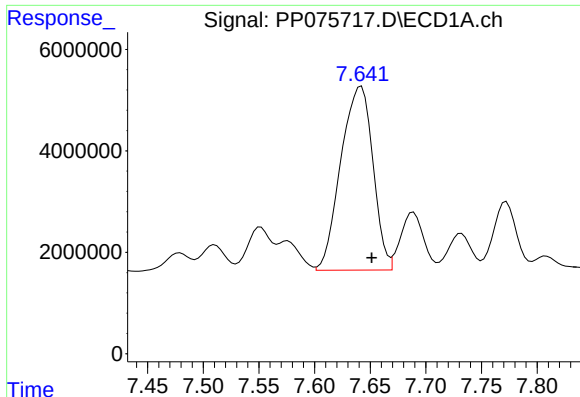
#31 AR-1260-1

R.T.: 7.392 min  
Delta R.T.: -0.007 min  
Response: 40857350  
Conc: 679.60 ng/ml



#31 AR-1260-1

R.T.: 6.347 min  
Delta R.T.: -0.008 min  
Response: 270039575  
Conc: 665.23 ng/ml



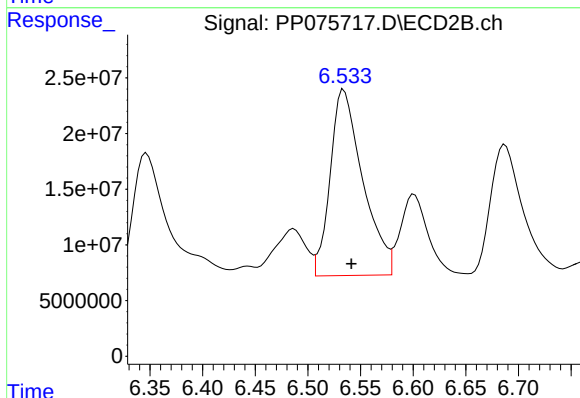
#32 AR-1260-2

R.T.: 7.642 min  
Delta R.T.: -0.009 min  
Response: 72633034  
Conc: 997.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

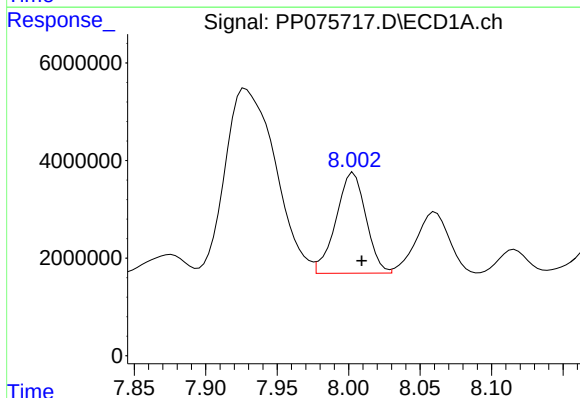
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



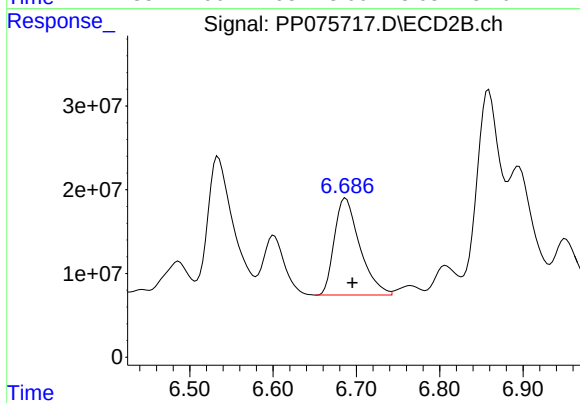
#32 AR-1260-2

R.T.: 6.534 min  
Delta R.T.: -0.007 min  
Response: 359763118  
Conc: 624.77 ng/ml



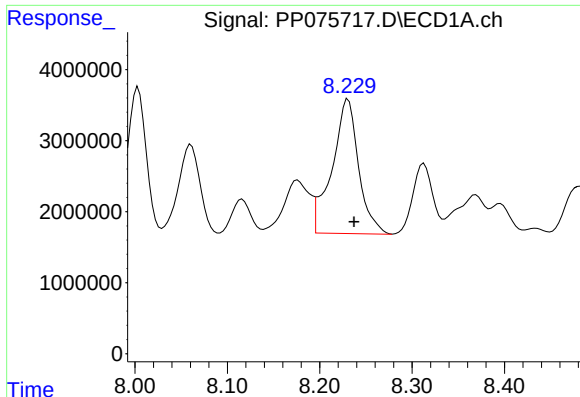
#33 AR-1260-3

R.T.: 8.003 min  
Delta R.T.: -0.006 min  
Response: 30109363  
Conc: 556.09 ng/ml



#33 AR-1260-3

R.T.: 6.687 min  
Delta R.T.: -0.008 min  
Response: 245659180  
Conc: 573.86 ng/ml



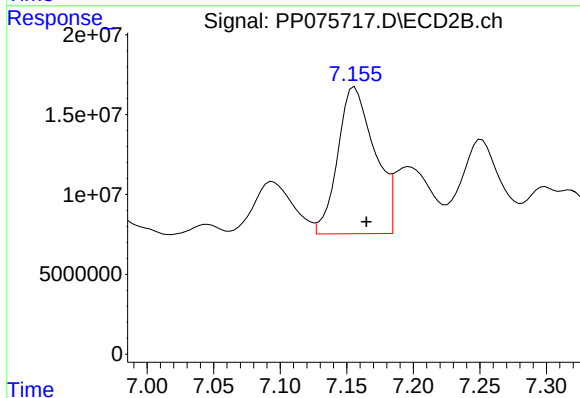
#34 AR-1260-4

R.T.: 8.229 min  
Delta R.T.: -0.008 min  
Response: 37396102  
Conc: 661.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SS-01-1-2MSD

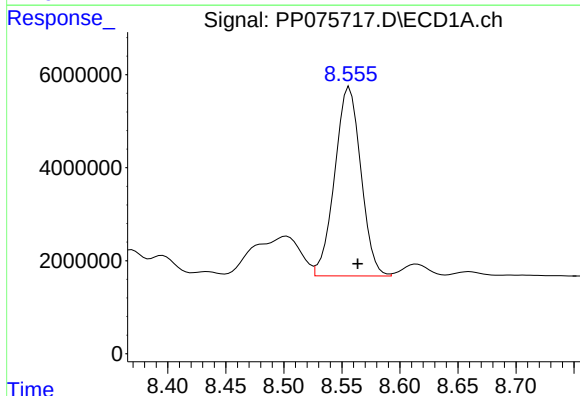
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/13/2025  
Supervised By :mohammad ahmed 10/15/2025



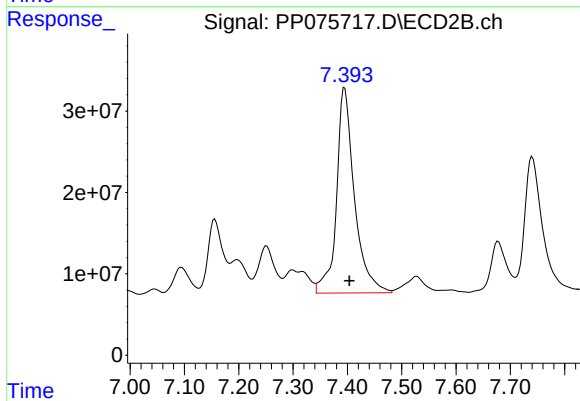
#34 AR-1260-4

R.T.: 7.156 min  
Delta R.T.: -0.009 min  
Response: 176728915  
Conc: 409.83 ng/ml



#35 AR-1260-5

R.T.: 8.557 min  
Delta R.T.: -0.007 min  
Response: 63867047  
Conc: 581.62 ng/ml



#35 AR-1260-5

R.T.: 7.395 min  
Delta R.T.: -0.009 min  
Response: 579707457  
Conc: 551.06 ng/ml

## Manual Integration Report

Sequence:

pp092325

Instrument

ECD\_p

| Sample ID     | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660ICC250  | PP075250.D | AR-1260-4          | yogesh    | 9/24/2025 8:09:44 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1016-3          | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1016-5          | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1260-1          | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1260-3 #2       | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1260-4          | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | AR-1260-5 #2       | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1660ICC050  | PP075251.D | Decachlorobiphenyl | yogesh    | 9/24/2025 8:09:46 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICC1000 | PP075254.D | AR-1242-4 #2       | yogesh    | 9/24/2025 8:09:49 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICC750  | PP075255.D | AR-1242-4 #2       | yogesh    | 9/24/2025 8:09:51 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICC500  | PP075256.D | AR-1242-4 #2       | yogesh    | 9/24/2025 8:09:53 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICC250  | PP075257.D | AR-1242-4 #2       | yogesh    | 9/24/2025 8:09:55 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICC050  | PP075258.D | AR-1242-5          | yogesh    | 9/24/2025 8:09:57 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp092325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID     | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------|------------|----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1242ICC050  | PP075258.D | Tetrachloro-m-xylene | yogesh    | 9/24/2025 8:09:57 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC1000 | PP075259.D | AR-1248-3 #2         | yogesh    | 9/24/2025 8:09:59 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC750  | PP075260.D | AR-1248-3 #2         | yogesh    | 9/24/2025 8:10:01 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC500  | PP075261.D | AR-1248-3 #2         | yogesh    | 9/24/2025 8:10:03 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC250  | PP075262.D | AR-1248-3 #2         | yogesh    | 9/24/2025 8:10:05 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC050  | PP075263.D | AR-1248-3 #2         | yogesh    | 9/24/2025 8:10:06 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC050  | PP075263.D | AR-1248-5            | yogesh    | 9/24/2025 8:10:06 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICC050  | PP075263.D | Tetrachloro-m-xylene | yogesh    | 9/24/2025 8:10:06 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICC1000 | PP075264.D | AR-1254-1            | yogesh    | 9/24/2025 8:10:09 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICC750  | PP075265.D | AR-1254-1            | yogesh    | 9/24/2025 8:10:11 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICC500  | PP075266.D | AR-1254-1            | yogesh    | 9/24/2025 8:10:12 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICC250  | PP075267.D | AR-1254-1            | yogesh    | 9/24/2025 8:10:15 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICC050  | PP075268.D | AR-1254-1            | yogesh    | 9/24/2025 8:10:16 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |



## Manual Integration Report

Sequence:

pp092325

Instrument

ECD\_p

| Sample ID      | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|----------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1268ICC050   | PP075274.D | AR-1268-1               | yogesh    | 9/24/2025 8:10:18 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1268ICC050   | PP075274.D | AR-1268-3 #2            | yogesh    | 9/24/2025 8:10:18 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1268ICC050   | PP075274.D | AR-1268-4 #2            | yogesh    | 9/24/2025 8:10:18 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1268ICC050   | PP075274.D | AR-1268-5 #2            | yogesh    | 9/24/2025 8:10:18 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1268ICC050   | PP075274.D | Tetrachloro-m-xylene #2 | yogesh    | 9/24/2025 8:10:18 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| PP092325ICV500 | PP075275.D | Decachlorobiphenyl #2   | yogesh    | 9/24/2025 8:10:21 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICV500   | PP075276.D | AR-1242-4 #2            | yogesh    | 9/24/2025 8:10:24 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1242ICV500   | PP075276.D | Decachlorobiphenyl #2   | yogesh    | 9/24/2025 8:10:24 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1248ICV500   | PP075277.D | AR-1248-3 #2            | yogesh    | 9/24/2025 8:10:26 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICV500   | PP075278.D | AR-1254-1               | yogesh    | 9/24/2025 8:10:28 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1254ICV500   | PP075278.D | Decachlorobiphenyl #2   | yogesh    | 9/24/2025 8:10:28 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |
| AR1268ICV500   | PP075279.D | Decachlorobiphenyl #2   | yogesh    | 9/24/2025 8:10:30 AM | mohammad      | 9/25/2025 2:25:37 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

pp092325

Instrument

ECD\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP101025 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|-----------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1660CCC500 | PP075704.D | AR-1016-2 #2          | yogesh    | 10/10/2025<br>1:16:00 PM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075705.D | AR-1242-4 #2          | yogesh    | 10/10/2025<br>1:16:02 PM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075705.D | AR-1242-5 #2          | yogesh    | 10/10/2025<br>1:16:02 PM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075706.D | AR-1248-3 #2          | Yogesh    | 10/14/2025<br>1:27:11 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075706.D | AR-1248-5 #2          | Yogesh    | 10/14/2025<br>1:27:11 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| PB170053BS   | PP075712.D | AR-1260-4             | Yogesh    | 10/14/2025<br>1:27:18 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3310-02MS   | PP075716.D | AR-1260-4             | yogesh    | 10/13/2025<br>7:59:49 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3310-02MSD  | PP075717.D | AR-1260-4             | yogesh    | 10/13/2025<br>7:59:54 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075720.D | AR-1242-1             | yogesh    | 10/13/2025<br>7:59:56 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075720.D | AR-1242-4 #2          | yogesh    | 10/13/2025<br>7:59:56 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075721.D | AR-1248-3 #2          | Yogesh    | 10/14/2025<br>1:27:28 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075721.D | AR-1248-5 #2          | Yogesh    | 10/14/2025<br>1:27:28 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075721.D | Decachlorobiphenyl #2 | Yogesh    | 10/14/2025<br>1:27:28 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP101025 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|-----------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1254CCC500 | PP075722.D | AR-1254-1             | yogesh    | 10/13/2025<br>8:00:00 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3321-01     | PP075724.D | AR-1254-1             | Yogesh    | 10/14/2025<br>1:27:35 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3321-01     | PP075724.D | AR-1254-1 #2          | Yogesh    | 10/14/2025<br>1:27:35 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3321-01     | PP075724.D | AR-1254-2             | Yogesh    | 10/14/2025<br>1:27:35 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| Q3321-01     | PP075724.D | AR-1254-3 #2          | Yogesh    | 10/14/2025<br>1:27:35 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075727.D | AR-1242-1 #2          | Yogesh    | 10/14/2025<br>1:27:41 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075727.D | AR-1242-2 #2          | Yogesh    | 10/14/2025<br>1:27:41 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075727.D | AR-1242-3 #2          | Yogesh    | 10/14/2025<br>1:27:41 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075727.D | AR-1242-4 #2          | Yogesh    | 10/14/2025<br>1:27:41 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1242CCC500 | PP075727.D | Decachlorobiphenyl #2 | Yogesh    | 10/14/2025<br>1:27:41 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075728.D | AR-1248-3 #2          | yogesh    | 10/13/2025<br>8:00:04 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075728.D | AR-1248-5 #2          | yogesh    | 10/13/2025<br>8:00:04 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1248CCC500 | PP075728.D | Decachlorobiphenyl #2 | yogesh    | 10/13/2025<br>8:00:04 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PP101025

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|-------------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1254CCC500 | PP075729.D | AR-1254-1               | yogesh    | 10/13/2025<br>8:00:06 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |
| AR1254CCC500 | PP075729.D | Tetrachloro-m-xylene #2 | yogesh    | 10/13/2025<br>8:00:06 AM | mohammad      | 10/15/2025<br>1:14:48 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp101525 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter            | Review By | Review On                | Supervised By | Supervised On         | Reason                      |
|--------------|------------|----------------------|-----------|--------------------------|---------------|-----------------------|-----------------------------|
| AR1242CCC500 | PP075787.D | AR-1242-4 #2         | yogesh    | 10/16/2025<br>7:40:29 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1248CCC500 | PP075788.D | AR-1248-3 #2         | yogesh    | 10/16/2025<br>7:40:31 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1254CCC500 | PP075789.D | AR-1254-1            | yogesh    | 10/16/2025<br>7:40:35 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| PB170053BS   | PP075791.D | AR-1016-1 #2         | yogesh    | 10/16/2025<br>7:50:52 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| PB170053BS   | PP075791.D | AR-1016-2 #2         | yogesh    | 10/16/2025<br>7:50:52 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| PB170053BS   | PP075791.D | AR-1260-4            | yogesh    | 10/16/2025<br>7:50:52 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1242CCC500 | PP075802.D | AR-1242-4 #2         | yogesh    | 10/16/2025<br>7:41:33 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1248CCC500 | PP075803.D | AR-1248-3 #2         | yogesh    | 10/16/2025<br>7:41:38 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1248CCC500 | PP075803.D | Tetrachloro-m-xylene | yogesh    | 10/16/2025<br>7:41:38 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1254CCC500 | PP075804.D | AR-1254-1            | yogesh    | 10/16/2025<br>7:41:40 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1242CCC500 | PP075809.D | AR-1242-4 #2         | yogesh    | 10/16/2025<br>7:41:47 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1248CCC500 | PP075810.D | AR-1248-3 #2         | yogesh    | 10/16/2025<br>7:41:49 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |
| AR1254CCC500 | PP075811.D | AR-1254-1            | yogesh    | 10/16/2025<br>7:41:50 AM | mohammad      | 10/17/2025<br>1:48:06 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

pp101525

Instrument

ECD\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP092325**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Review On         | 9/23/2025 12:35:13 PM         |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Supervise On      | 9/25/2025 2:25:37 AM          |
| SubDirectory                                                                                                                                      | PP092325                                                                                                                                                                                                                                                                                                                                                                                                                                                               | HP Acquire Method | HP Processing Method PP092325 |
| <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,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<br><br>PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862 |                   |                               |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP075245.D     | 23 Sep 2025 08:13 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP075246.D     | 23 Sep 2025 08:29 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP075247.D     | 23 Sep 2025 08:45 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP075248.D     | 23 Sep 2025 09:01 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP075249.D     | 23 Sep 2025 09:18 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP075250.D     | 23 Sep 2025 09:34 | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | PP075251.D     | 23 Sep 2025 10:11 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP075252.D     | 23 Sep 2025 10:27 | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | PP075253.D     | 23 Sep 2025 10:43 | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | PP075254.D     | 23 Sep 2025 11:00 | YP\AJ    | Ok,M   |
| 11  | AR1242ICC750  | PP075255.D     | 23 Sep 2025 11:16 | YP\AJ    | Ok,M   |
| 12  | AR1242ICC500  | PP075256.D     | 23 Sep 2025 11:32 | YP\AJ    | Ok,M   |
| 13  | AR1242ICC250  | PP075257.D     | 23 Sep 2025 11:48 | YP\AJ    | Ok,M   |
| 14  | AR1242ICC050  | PP075258.D     | 23 Sep 2025 12:05 | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | PP075259.D     | 23 Sep 2025 12:37 | YP\AJ    | Ok,M   |
| 16  | AR1248ICC750  | PP075260.D     | 23 Sep 2025 12:53 | YP\AJ    | Ok,M   |
| 17  | AR1248ICC500  | PP075261.D     | 23 Sep 2025 13:10 | YP\AJ    | Ok,M   |
| 18  | AR1248ICC250  | PP075262.D     | 23 Sep 2025 13:26 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC050  | PP075263.D     | 23 Sep 2025 13:42 | YP\AJ    | Ok,M   |
| 20  | AR1254ICC1000 | PP075264.D     | 23 Sep 2025 14:15 | YP\AJ    | Ok,M   |
| 21  | AR1254ICC750  | PP075265.D     | 23 Sep 2025 14:31 | YP\AJ    | Ok,M   |



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP092325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 9/23/2025 12:35:13 PM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 9/25/2025 2:25:37 AM          |
| SubDirectory             | PP092325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP092325 |
| <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   | PP075266.D | 23 Sep 2025 14:47 | YP\AJ | Ok,M |
| 23 | AR1254ICC250   | PP075267.D | 23 Sep 2025 15:04 | YP\AJ | Ok,M |
| 24 | AR1254ICC050   | PP075268.D | 23 Sep 2025 15:20 | YP\AJ | Ok,M |
| 25 | AR1262ICC500   | PP075269.D | 23 Sep 2025 15:52 | YP\AJ | Ok   |
| 26 | AR1268ICC1000  | PP075270.D | 23 Sep 2025 16:09 | YP\AJ | Ok   |
| 27 | AR1268ICC750   | PP075271.D | 23 Sep 2025 16:25 | YP\AJ | Ok   |
| 28 | AR1268ICC500   | PP075272.D | 23 Sep 2025 16:41 | YP\AJ | Ok   |
| 29 | AR1268ICC250   | PP075273.D | 23 Sep 2025 16:58 | YP\AJ | Ok   |
| 30 | AR1268ICC050   | PP075274.D | 23 Sep 2025 17:14 | YP\AJ | Ok,M |
| 31 | PP092325ICV500 | PP075275.D | 23 Sep 2025 17:46 | YP\AJ | Ok,M |
| 32 | AR1242ICV500   | PP075276.D | 23 Sep 2025 18:35 | YP\AJ | Ok,M |
| 33 | AR1248ICV500   | PP075277.D | 23 Sep 2025 19:08 | YP\AJ | Ok,M |
| 34 | AR1254ICV500   | PP075278.D | 23 Sep 2025 19:40 | YP\AJ | Ok,M |
| 35 | AR1268ICV500   | PP075279.D | 23 Sep 2025 19:57 | YP\AJ | Ok,M |
| 36 | DDT ANALOG     | PP075280.D | 23 Sep 2025 20:29 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/10/2025 10:06:55 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/15/2025 1:14:48 AM         |
| SubDirectory             | PP101025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP092325 |
| <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       | PP075703.D     | 10 Oct 2025 08:35 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP075704.D     | 10 Oct 2025 08:51 | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | PP075705.D     | 10 Oct 2025 09:10 | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | PP075706.D     | 10 Oct 2025 09:27 | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | PP075707.D     | 10 Oct 2025 09:43 | YP\AJ    | Ok     |
| 6   | I.BLK        | PP075708.D     | 10 Oct 2025 09:59 | YP\AJ    | Ok     |
| 7   | Q3307-01DL   | PP075709.D     | 10 Oct 2025 10:15 | YP\AJ    | Ok,M   |
| 8   | Q3307-12DL   | PP075710.D     | 10 Oct 2025 10:32 | YP\AJ    | Ok     |
| 9   | PB170053BL   | PP075711.D     | 10 Oct 2025 12:42 | YP\AJ    | Ok     |
| 10  | PB170053BS   | PP075712.D     | 10 Oct 2025 12:59 | YP\AJ    | Not Ok |
| 11  | Q3300-01     | PP075713.D     | 10 Oct 2025 13:15 | YP\AJ    | Ok,M   |
| 12  | Q3310-01     | PP075714.D     | 10 Oct 2025 13:31 | YP\AJ    | Ok,M   |
| 13  | Q3310-02     | PP075715.D     | 10 Oct 2025 13:47 | YP\AJ    | Ok,M   |
| 14  | Q3310-02MS   | PP075716.D     | 10 Oct 2025 14:03 | YP\AJ    | Ok,M   |
| 15  | Q3310-02MSD  | PP075717.D     | 10 Oct 2025 14:20 | YP\AJ    | Ok,M   |
| 16  | Q3310-03     | PP075718.D     | 10 Oct 2025 14:36 | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | PP075719.D     | 10 Oct 2025 15:57 | YP\AJ    | Ok     |
| 18  | AR1242CCC500 | PP075720.D     | 10 Oct 2025 16:13 | YP\AJ    | Ok,M   |
| 19  | AR1248CCC500 | PP075721.D     | 10 Oct 2025 16:29 | YP\AJ    | Ok,M   |
| 20  | AR1254CCC500 | PP075722.D     | 10 Oct 2025 16:46 | YP\AJ    | Ok,M   |
| 21  | I.BLK        | PP075723.D     | 10 Oct 2025 17:02 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101025**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/10/2025 10:06:55 AM        |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/15/2025 1:14:48 AM         |
| SubDirectory             | PP101025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP092325 |
| 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 | Q3321-01     | PP075724.D | 10 Oct 2025 17:18 | YP\AJ | Ok,M |
| 23 | Q3322-01     | PP075725.D | 10 Oct 2025 17:34 | YP\AJ | Ok   |
| 24 | AR1660CCC500 | PP075726.D | 10 Oct 2025 18:55 | YP\AJ | Ok   |
| 25 | AR1242CCC500 | PP075727.D | 10 Oct 2025 19:28 | YP\AJ | Ok,M |
| 26 | AR1248CCC500 | PP075728.D | 10 Oct 2025 19:44 | YP\AJ | Ok,M |
| 27 | AR1254CCC500 | PP075729.D | 10 Oct 2025 20:00 | YP\AJ | Ok,M |
| 28 | I.BLK        | PP075730.D | 10 Oct 2025 20:16 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101525**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/15/2025 10:26:47 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/17/2025 1:48:06 AM         |
| SubDirectory             | PP101525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP092325 |
| <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       | PP075785.D     | 15 Oct 2025 09:12 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP075786.D     | 15 Oct 2025 09:46 | YP\AJ    | Ok     |
| 3   | AR1242CCC500 | PP075787.D     | 15 Oct 2025 10:02 | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | PP075788.D     | 15 Oct 2025 10:19 | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | PP075789.D     | 15 Oct 2025 10:53 | YP\AJ    | Ok,M   |
| 6   | I.BLK        | PP075790.D     | 15 Oct 2025 11:09 | YP\AJ    | Ok     |
| 7   | PB170053BS   | PP075791.D     | 15 Oct 2025 11:26 | YP\AJ    | Ok,M   |
| 8   | Q3345-01     | PP075792.D     | 15 Oct 2025 12:14 | YP\AJ    | Ok     |
| 9   | Q3345-03     | PP075793.D     | 15 Oct 2025 12:31 | YP\AJ    | Ok     |
| 10  | Q3345-05     | PP075794.D     | 15 Oct 2025 12:47 | YP\AJ    | Ok,M   |
| 11  | Q3345-05MS   | PP075795.D     | 15 Oct 2025 13:03 | YP\AJ    | Ok,M   |
| 12  | Q3345-05MSD  | PP075796.D     | 15 Oct 2025 13:20 | YP\AJ    | Ok,M   |
| 13  | PB170102BL   | PP075797.D     | 15 Oct 2025 13:52 | YP\AJ    | Ok     |
| 14  | PB170102BS   | PP075798.D     | 15 Oct 2025 14:08 | YP\AJ    | Ok,M   |
| 15  | PB170102BSD  | PP075799.D     | 15 Oct 2025 14:25 | YP\AJ    | Ok,M   |
| 16  | Q3345-07     | PP075800.D     | 15 Oct 2025 14:41 | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | PP075801.D     | 15 Oct 2025 15:46 | YP\AJ    | Ok     |
| 18  | AR1242CCC500 | PP075802.D     | 15 Oct 2025 16:02 | YP\AJ    | Ok,M   |
| 19  | AR1248CCC500 | PP075803.D     | 15 Oct 2025 16:18 | YP\AJ    | Ok,M   |
| 20  | AR1254CCC500 | PP075804.D     | 15 Oct 2025 16:35 | YP\AJ    | Ok,M   |
| 21  | I.BLK        | PP075805.D     | 15 Oct 2025 16:51 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101525**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 10/15/2025 10:26:47 AM        |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 10/17/2025 1:48:06 AM         |
| SubDirectory             | PP101525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP092325 |
| 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 | PB170102BS   | PP075806.D | 15 Oct 2025 17:07 | YP\AJ | Not Ok |
| 23 | PB170102BSD  | PP075807.D | 15 Oct 2025 17:23 | YP\AJ | Not Ok |
| 24 | AR1660CCC500 | PP075808.D | 15 Oct 2025 18:29 | YP\AJ | Ok     |
| 25 | AR1242CCC500 | PP075809.D | 15 Oct 2025 19:17 | YP\AJ | Ok,M   |
| 26 | AR1248CCC500 | PP075810.D | 15 Oct 2025 19:33 | YP\AJ | Ok,M   |
| 27 | AR1254CCC500 | PP075811.D | 15 Oct 2025 19:50 | YP\AJ | Ok,M   |
| 28 | I.BLK        | PP075812.D | 15 Oct 2025 20:06 | YP\AJ | Ok     |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP092325**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 9/23/2025 12:35:13 PM         |
| Supervise By | mohammad | Supervise On      | 9/25/2025 2:25:37 AM          |
| SubDirectory | PP092325 | HP Acquire Method | HP Processing Method PP092325 |

| 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                      |                                                                                                                                                                                                                                                                                                                                 |
| 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        | PP075245.D     | 23 Sep 2025 08:13 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP075246.D     | 23 Sep 2025 08:29 |         | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP075247.D     | 23 Sep 2025 08:45 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP075248.D     | 23 Sep 2025 09:01 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP075249.D     | 23 Sep 2025 09:18 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP075250.D     | 23 Sep 2025 09:34 |         | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | AR1660ICC050  | PP075251.D     | 23 Sep 2025 10:11 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP075252.D     | 23 Sep 2025 10:27 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PP075253.D     | 23 Sep 2025 10:43 |         | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PP075254.D     | 23 Sep 2025 11:00 |         | YP\AJ    | Ok,M   |
| 11  | AR1242ICC750  | AR1242ICC750  | PP075255.D     | 23 Sep 2025 11:16 |         | YP\AJ    | Ok,M   |
| 12  | AR1242ICC500  | AR1242ICC500  | PP075256.D     | 23 Sep 2025 11:32 |         | YP\AJ    | Ok,M   |
| 13  | AR1242ICC250  | AR1242ICC250  | PP075257.D     | 23 Sep 2025 11:48 |         | YP\AJ    | Ok,M   |
| 14  | AR1242ICC050  | AR1242ICC050  | PP075258.D     | 23 Sep 2025 12:05 |         | YP\AJ    | Ok,M   |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PP075259.D     | 23 Sep 2025 12:37 |         | YP\AJ    | Ok,M   |
| 16  | AR1248ICC750  | AR1248ICC750  | PP075260.D     | 23 Sep 2025 12:53 |         | YP\AJ    | Ok,M   |
| 17  | AR1248ICC500  | AR1248ICC500  | PP075261.D     | 23 Sep 2025 13:10 |         | YP\AJ    | Ok,M   |
| 18  | AR1248ICC250  | AR1248ICC250  | PP075262.D     | 23 Sep 2025 13:26 |         | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP092325**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Review On         | 9/23/2025 12:35:13 PM         |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Supervise On      | 9/25/2025 2:25:37 AM          |
| SubDirectory                                                                                                                                      | PP092325                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | HP Acquire Method | HP Processing Method PP092325 |
| <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      | PP075263.D | 23 Sep 2025 13:42 |  | YPIAJ | Ok,M |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PP075264.D | 23 Sep 2025 14:15 |  | YPIAJ | Ok,M |
| 21 | AR1254ICC750   | AR1254ICC750      | PP075265.D | 23 Sep 2025 14:31 |  | YPIAJ | Ok,M |
| 22 | AR1254ICC500   | AR1254ICC500      | PP075266.D | 23 Sep 2025 14:47 |  | YPIAJ | Ok,M |
| 23 | AR1254ICC250   | AR1254ICC250      | PP075267.D | 23 Sep 2025 15:04 |  | YPIAJ | Ok,M |
| 24 | AR1254ICC050   | AR1254ICC050      | PP075268.D | 23 Sep 2025 15:20 |  | YPIAJ | Ok,M |
| 25 | AR1262ICC500   | AR1262ICC500      | PP075269.D | 23 Sep 2025 15:52 |  | YPIAJ | Ok   |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PP075270.D | 23 Sep 2025 16:09 |  | YPIAJ | Ok   |
| 27 | AR1268ICC750   | AR1268ICC750      | PP075271.D | 23 Sep 2025 16:25 |  | YPIAJ | Ok   |
| 28 | AR1268ICC500   | AR1268ICC500      | PP075272.D | 23 Sep 2025 16:41 |  | YPIAJ | Ok   |
| 29 | AR1268ICC250   | AR1268ICC250      | PP075273.D | 23 Sep 2025 16:58 |  | YPIAJ | Ok   |
| 30 | AR1268ICC050   | AR1268ICC050      | PP075274.D | 23 Sep 2025 17:14 |  | YPIAJ | Ok,M |
| 31 | PP092325ICV500 | ICVPP092325       | PP075275.D | 23 Sep 2025 17:46 |  | YPIAJ | Ok,M |
| 32 | AR1242ICV500   | ICVPP092325AR1242 | PP075276.D | 23 Sep 2025 18:35 |  | YPIAJ | Ok,M |
| 33 | AR1248ICV500   | ICVPP092325AR1248 | PP075277.D | 23 Sep 2025 19:08 |  | YPIAJ | Ok,M |
| 34 | AR1254ICV500   | ICVPP092325AR1254 | PP075278.D | 23 Sep 2025 19:40 |  | YPIAJ | Ok,M |
| 35 | AR1268ICV500   | ICVPP092325AR1268 | PP075279.D | 23 Sep 2025 19:57 |  | YPIAJ | Ok,M |
| 36 | DDT ANALOG     | DDT ANALOG        | PP075280.D | 23 Sep 2025 20:29 |  | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101025**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/10/2025 10:06:55 AM        |
| Supervise By | mohammad | Supervise On      | 10/15/2025 1:14:48 AM         |
| SubDirectory | PP101025 | HP Acquire Method | HP Processing Method PP092325 |

| 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          | PP075703.D     | 10 Oct 2025 08:35 |                          | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500    | PP075704.D     | 10 Oct 2025 08:51 |                          | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | AR1242CCC500    | PP075705.D     | 10 Oct 2025 09:10 |                          | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | AR1248CCC500    | PP075706.D     | 10 Oct 2025 09:27 |                          | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | AR1254CCC500    | PP075707.D     | 10 Oct 2025 09:43 |                          | YP\AJ    | Ok     |
| 6   | I.BLK        | I.BLK           | PP075708.D     | 10 Oct 2025 09:59 |                          | YP\AJ    | Ok     |
| 7   | Q3307-01DL   | S-39(3.0-3.5)DL | PP075709.D     | 10 Oct 2025 10:15 | AR248, AR1254 Hit        | YP\AJ    | Ok,M   |
| 8   | Q3307-12DL   | S-37(0-0.5)DL   | PP075710.D     | 10 Oct 2025 10:32 | AR1260 Hit               | YP\AJ    | Ok     |
| 9   | PB170053BL   | PB170053BL      | PP075711.D     | 10 Oct 2025 12:42 |                          | YP\AJ    | Ok     |
| 10  | PB170053BS   | PB170053BS      | PP075712.D     | 10 Oct 2025 12:59 | AR1016 fail for recovery | YP\AJ    | Not Ok |
| 11  | Q3300-01     | OIL             | PP075713.D     | 10 Oct 2025 13:15 |                          | YP\AJ    | Ok,M   |
| 12  | Q3310-01     | SS-01-0-1       | PP075714.D     | 10 Oct 2025 13:31 | AR260 Hit                | YP\AJ    | Ok,M   |
| 13  | Q3310-02     | SS-01-1-2       | PP075715.D     | 10 Oct 2025 13:47 | AR1260 Hit               | YP\AJ    | Ok,M   |
| 14  | Q3310-02MS   | SS-01-1-2MS     | PP075716.D     | 10 Oct 2025 14:03 |                          | YP\AJ    | Ok,M   |
| 15  | Q3310-02MSD  | SS-01-1-2MSD    | PP075717.D     | 10 Oct 2025 14:20 | AR1260 RPD fail          | YP\AJ    | Ok,M   |
| 16  | Q3310-03     | SS-01-2-3       | PP075718.D     | 10 Oct 2025 14:36 | AR1260 Hit               | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | AR1660CCC500    | PP075719.D     | 10 Oct 2025 15:57 |                          | YP\AJ    | Ok     |
| 18  | AR1242CCC500 | AR1242CCC500    | PP075720.D     | 10 Oct 2025 16:13 |                          | YP\AJ    | Ok,M   |



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101025**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 10/10/2025 10:06:55 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 10/15/2025 1:14:48 AM         |
| SubDirectory             | PP101025                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP092325 |
| <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             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                         |       |      |
|----|--------------|--------------|------------|-------------------|-------------------------|-------|------|
| 19 | AR1248CCC500 | AR1248CCC500 | PP075721.D | 10 Oct 2025 16:29 |                         | YPIAJ | Ok,M |
| 20 | AR1254CCC500 | AR1254CCC500 | PP075722.D | 10 Oct 2025 16:46 |                         | YPIAJ | Ok,M |
| 21 | I.BLK        | I.BLK        | PP075723.D | 10 Oct 2025 17:02 |                         | YPIAJ | Ok   |
| 22 | Q3321-01     | P001-DS-01   | PP075724.D | 10 Oct 2025 17:18 | AR1254 & AR1260 Hit     | YPIAJ | Ok,M |
| 23 | Q3322-01     | OR-02-100925 | PP075725.D | 10 Oct 2025 17:34 | TCMX high in 2nd column | YPIAJ | Ok   |
| 24 | AR1660CCC500 | AR1660CCC500 | PP075726.D | 10 Oct 2025 18:55 |                         | YPIAJ | Ok   |
| 25 | AR1242CCC500 | AR1242CCC500 | PP075727.D | 10 Oct 2025 19:28 |                         | YPIAJ | Ok,M |
| 26 | AR1248CCC500 | AR1248CCC500 | PP075728.D | 10 Oct 2025 19:44 |                         | YPIAJ | Ok,M |
| 27 | AR1254CCC500 | AR1254CCC500 | PP075729.D | 10 Oct 2025 20:00 |                         | YPIAJ | Ok,M |
| 28 | I.BLK        | I.BLK        | PP075730.D | 10 Oct 2025 20:16 |                         | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101525**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 10/15/2025 10:26:47 AM        |
| Supervise By | mohammad | Supervise On      | 10/17/2025 1:48:06 AM         |
| SubDirectory | PP101525 | HP Acquire Method | HP Processing Method PP092325 |

| 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          | PP075785.D     | 15 Oct 2025 09:12 |                         | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500    | PP075786.D     | 15 Oct 2025 09:46 |                         | YP\AJ    | Ok     |
| 3   | AR1242CCC500 | AR1242CCC500    | PP075787.D     | 15 Oct 2025 10:02 |                         | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | AR1248CCC500    | PP075788.D     | 15 Oct 2025 10:19 |                         | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | AR1254CCC500    | PP075789.D     | 15 Oct 2025 10:53 |                         | YP\AJ    | Ok,M   |
| 6   | I.BLK        | I.BLK           | PP075790.D     | 15 Oct 2025 11:09 |                         | YP\AJ    | Ok     |
| 7   | PB170053BS   | PB170053BS      | PP075791.D     | 15 Oct 2025 11:26 |                         | YP\AJ    | Ok,M   |
| 8   | Q3345-01     | TANK-FARM-SOIL  | PP075792.D     | 15 Oct 2025 12:14 |                         | YP\AJ    | Ok     |
| 9   | Q3345-03     | 2ND-STREET-SOIL | PP075793.D     | 15 Oct 2025 12:31 |                         | YP\AJ    | Ok     |
| 10  | Q3345-05     | M-R-SOIL        | PP075794.D     | 15 Oct 2025 12:47 | TCMX high in 2nd column | YP\AJ    | Ok,M   |
| 11  | Q3345-05MS   | M-R-SOILMS      | PP075795.D     | 15 Oct 2025 13:03 | TCMX high in 2nd column | YP\AJ    | Ok,M   |
| 12  | Q3345-05MSD  | M-R-SOILMSD     | PP075796.D     | 15 Oct 2025 13:20 | TCMX high in 2nd column | YP\AJ    | Ok,M   |
| 13  | PB170102BL   | PB170102BL      | PP075797.D     | 15 Oct 2025 13:52 |                         | YP\AJ    | Ok     |
| 14  | PB170102BS   | PB170102BS      | PP075798.D     | 15 Oct 2025 14:08 |                         | YP\AJ    | Ok,M   |
| 15  | PB170102BSD  | PB170102BSD     | PP075799.D     | 15 Oct 2025 14:25 |                         | YP\AJ    | Ok,M   |
| 16  | Q3345-07     | TANK-FARM-WATER | PP075800.D     | 15 Oct 2025 14:41 |                         | YP\AJ    | Ok,M   |
| 17  | AR1660CCC500 | AR1660CCC500    | PP075801.D     | 15 Oct 2025 15:46 |                         | YP\AJ    | Ok     |
| 18  | AR1242CCC500 | AR1242CCC500    | PP075802.D     | 15 Oct 2025 16:02 |                         | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP101525**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 10/15/2025 10:26:47 AM        |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 10/17/2025 1:48:06 AM         |
| SubDirectory             | PP101525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP092325 |
| <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             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |          |       |        |
|----|--------------|--------------|------------|-------------------|----------|-------|--------|
| 19 | AR1248CCC500 | AR1248CCC500 | PP075803.D | 15 Oct 2025 16:18 |          | YPIAJ | Ok,M   |
| 20 | AR1254CCC500 | AR1254CCC500 | PP075804.D | 15 Oct 2025 16:35 |          | YPIAJ | Ok,M   |
| 21 | I.BLK        | I.BLK        | PP075805.D | 15 Oct 2025 16:51 |          | YPIAJ | Ok     |
| 22 | PB170102BS   | PB170102BS   | PP075806.D | 15 Oct 2025 17:07 | Not used | YPIAJ | Not Ok |
| 23 | PB170102BSD  | PB170102BSD  | PP075807.D | 15 Oct 2025 17:23 | Not used | YPIAJ | Not Ok |
| 24 | AR1660CCC500 | AR1660CCC500 | PP075808.D | 15 Oct 2025 18:29 |          | YPIAJ | Ok     |
| 25 | AR1242CCC500 | AR1242CCC500 | PP075809.D | 15 Oct 2025 19:17 |          | YPIAJ | Ok,M   |
| 26 | AR1248CCC500 | AR1248CCC500 | PP075810.D | 15 Oct 2025 19:33 |          | YPIAJ | Ok,M   |
| 27 | AR1254CCC500 | AR1254CCC500 | PP075811.D | 15 Oct 2025 19:50 |          | YPIAJ | Ok,M   |
| 28 | I.BLK        | I.BLK        | PP075812.D | 15 Oct 2025 20:06 |          | YPIAJ | Ok     |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/10/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:10  
In Date: 10/09/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:40  
Out Date: 10/10/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137480

| 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   |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|------------|
| Q3300-01 | OIL             | 1      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oil sample |
| Q3310-01 | SS-01-0-1       | 2      | 1.15            | 10.03         | 11.18                    | 7.7                        | 65.3    |            |
| Q3310-02 | SS-01-1-2       | 3      | 1.12            | 10.62         | 11.74                    | 8.81                       | 72.4    |            |
| Q3310-03 | SS-01-2-3       | 4      | 1.16            | 10.56         | 11.72                    | 9.09                       | 75.1    |            |
| Q3321-01 | P001-DS-01      | 5      | 1.16            | 10.56         | 11.72                    | 9.44                       | 78.4    |            |
| Q3322-01 | OR-02-100925    | 6      | 1.11            | 10.33         | 11.44                    | 10.72                      | 93.0    |            |
| Q3322-02 | OR-02-100925-E2 | 7      | 1.12            | 11.11         | 12.23                    | 11.55                      | 93.9    |            |

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

# WORKLIST(Hardcopy Internal Chain)

137480

WorkList Name : %1-100925

WorkList ID : 192359

Department : Wet-Chemistry

Date : 10-09-2025 08:08:47

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3300-01 | OIL             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/07/2025   | Chemtech -SO |
| Q3310-01 | SS-01-0-1       | Solid  | Percent Solids | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | Chemtech -SO |
| Q3310-02 | SS-01-1-2       | Solid  | Percent Solids | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | Chemtech -SO |
| Q3310-03 | SS-01-2-3       | Solid  | Percent Solids | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | Chemtech -SO |
| Q3321-01 | P001-DS-01      | Solid  | Percent Solids | Cool 4 deg C | ROYF02   | D41                         | 10/08/2025   | Chemtech -SO |
| Q3322-01 | OR-02-100925    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/09/2025   | Chemtech -SO |
| Q3322-02 | OR-02-100925-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 10/09/2025   | Chemtech -SO |

Date/Time 10/09/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 10/09/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/10/2025

Extraction Start Time : 09:05

Extraction End Date : 10/10/2025

Extraction End Time : 12:15

Concentration By: EH

Supervisor By : ritesh

Extraction Method: ☐ Separatory Funnel ☐ Continious 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            | EP2646     |
| Hexane             | N/A            | E3974      |
| 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. Q3300-01 Used Limited Volume as Sample is Oil.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

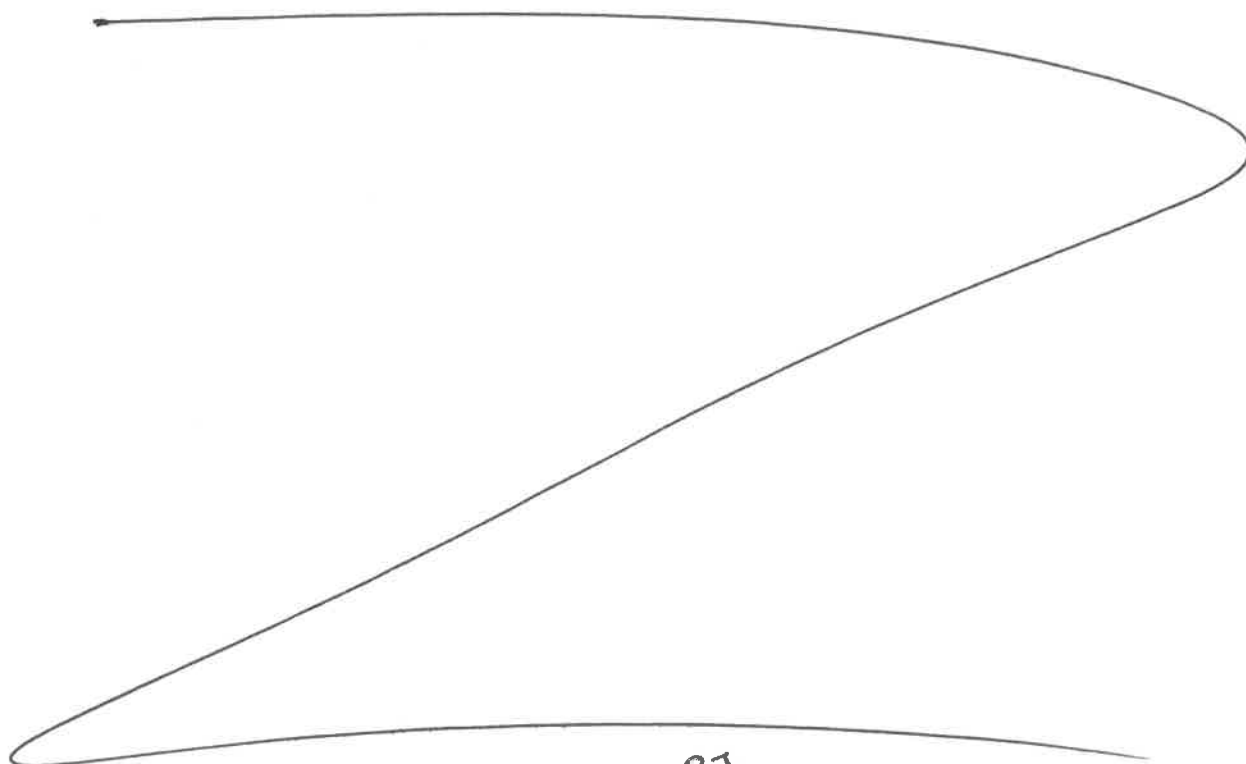
Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/10/25    | RJ LEXT-Lab                             | D. Test/PLS Lab      |
| 12:20       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/10/2025

| Sample ID       | Client Sample ID | Test | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |      |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB170053BL      | ABLK053          | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U4-1        |
| PB170053BS      | ALCS053          | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q3300-01        | OIL              | PCB  | 1.04  | N/A | ritesh         | Evelyn     | 10                 |       | Oil      |             |
| Q3310-01        | SS-01-0-1        | PCB  | 30.09 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q3310-02        | SS-01-1-2        | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q3310-02MS      | SS-01-1-2MS      | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q3310-02MS<br>D | SS-01-1-2MSD     | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q3310-03        | SS-01-2-3        | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U6-1        |
| Q3321-01        | P001-DS-01       | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q3322-01        | OR-02-100925     | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |


RJ  
10/10

170053  
9:05

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3300

WorkList ID : 192386

Department : Extraction

Date : 10-10-2025 09:00:27

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q3300-01 | OIL             | Solid  | PCB  | Cool 4 deg C | PSEG03   | D31                         | 10/07/2025   | 8082A  |
| Q3310-01 | SS-01-0-1       | Solid  | PCB  | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | 8082A  |
| Q3310-02 | SS-01-1-2       | Solid  | PCB  | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | 8082A  |
| Q3310-03 | SS-01-2-3       | Solid  | PCB  | Cool 4 deg C | LANG01   | D31                         | 10/07/2025   | 8082A  |
| Q3321-01 | P001-DS-01      | Solid  | PCB  | Cool 4 deg C | ROYF02   | D41                         | 10/08/2025   | 8082A  |
| Q3322-01 | OR-02-100925    | Solid  | PCB  | Cool 4 deg C | PSEG05   | D31                         | 10/09/2025   | 8082A  |

Date/Time 10/10/25 9:00  
Raw Sample Received by: R3 (671-1006)  
Raw Sample Relinquished by: [Signature]

Date/Time 10/10/25 9:05  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: R3 (671-1006)



## Prep Standard - Chemical Standard Summary

**Order ID :** Q3321

**Test :** PCB

**Prepbatch ID :** PB170053,

**Sequence ID/Qc Batch ID:** PP101025,pp101525,

**Standard ID :**

EP2610,EP2643,EP2646,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,E3974,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_SCALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<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<br>09/16/2025 |
| <b><u>FROM</u></b> 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="#">EP2646</a> | 09/26/2025       | 01/28/2026             | Evelyn Huang       | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>09/26/2025 |
| <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<br>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<br>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 | 04/10/2027      | 09/26/2025 / Riteshkumar | 09/26/2025 / Riteshkumar    | E3974          |

| 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

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



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 3974

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



**PRODUCTOS  
QUÍMICOS  
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR  
MONTERREY, N.L. MÉXICO  
CP 64070  
TEL +52 81 13 52 67 67  
www.pqm.com.mx

# CERTIFICATE OF ANALYSIS

|                       |                                   |               |                                 |
|-----------------------|-----------------------------------|---------------|---------------------------------|
| PRODUCT :             | SODIUM SULFATE CRYSTALS ANHYDROUS |               |                                 |
| QUALITY :             | ACS (CODE RMB3375)                | FORMULA :     | Na <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

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.

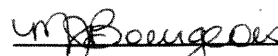
**Expiration of Certification:**

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:**

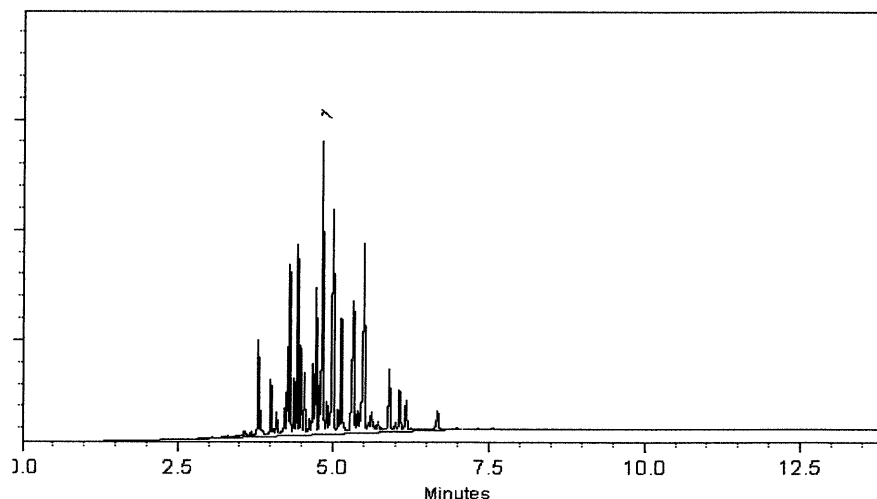
250°C

**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

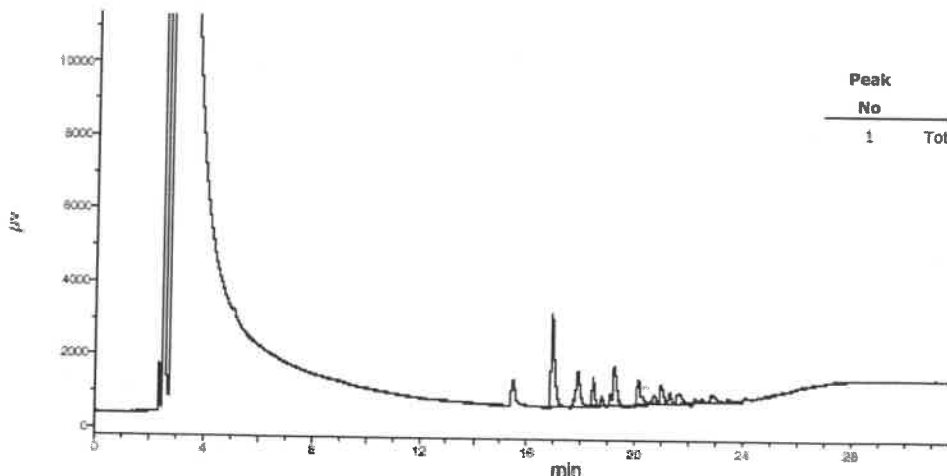
Weight(s) shown below were combined and diluted to (mL): **100.0**  
 5E-05 Balance Uncertainty  
 0.057 Flask Uncertainty

| 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

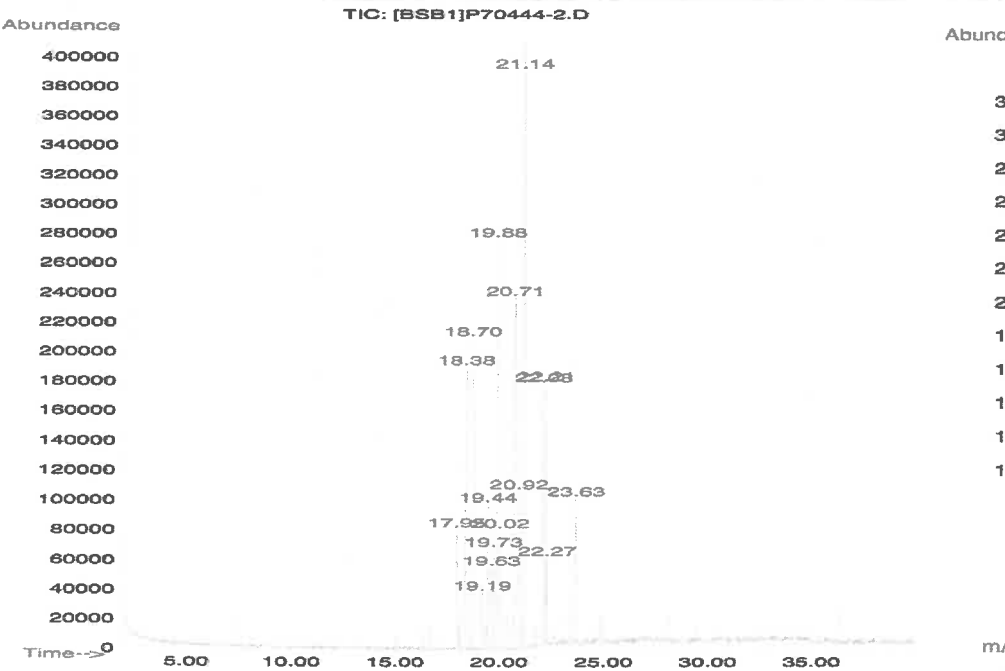
Appendix IX Compound

Expiration Date: 060533  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 100  
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 20.0 0.002  
5E-05 Balance Uncertainty  
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

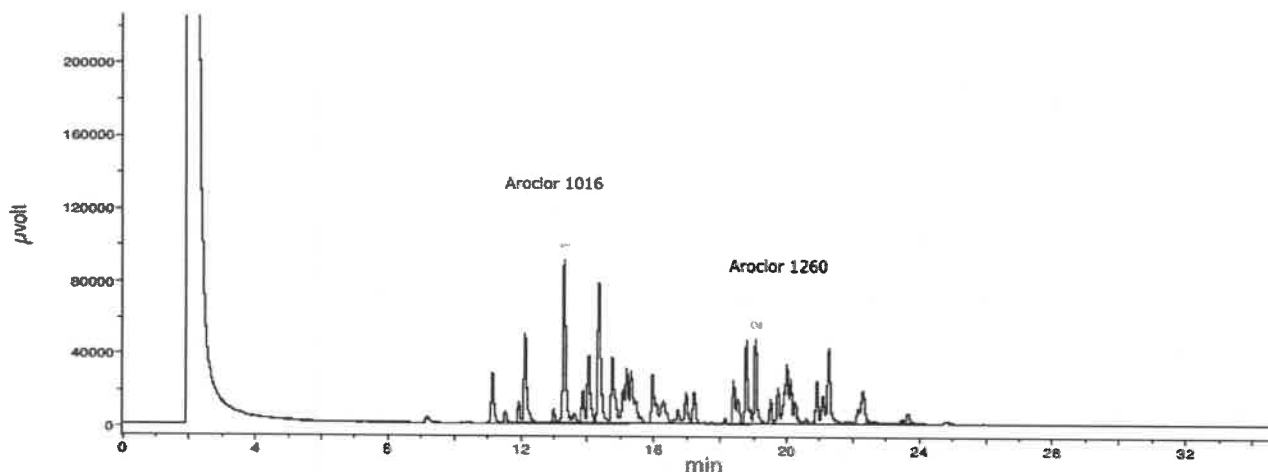
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| 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> |

P12946  
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P12955  
YAP.  
12/20/23

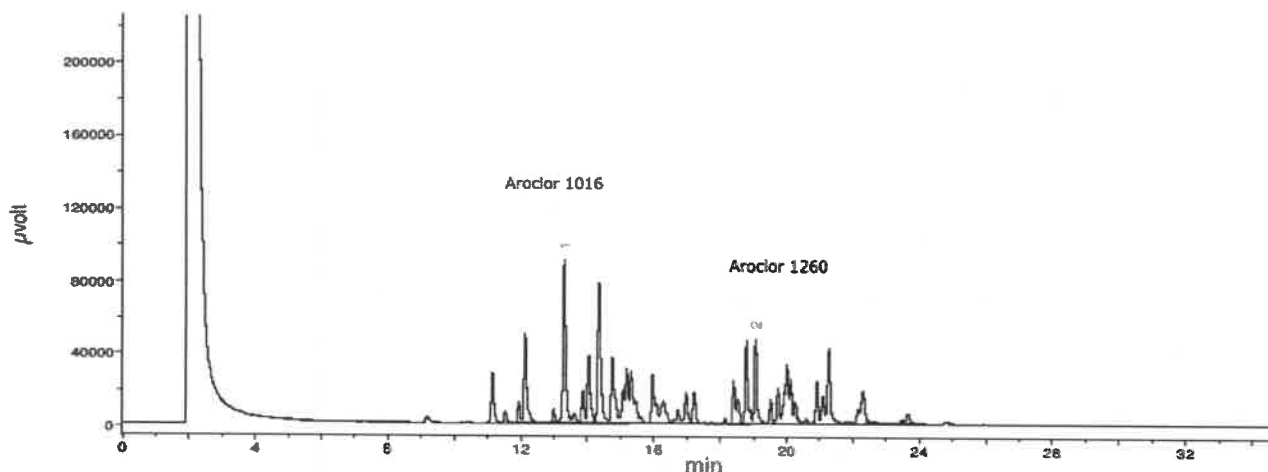
Weight(s) shown below were combined and diluted to (mL): 200.0  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty

| 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 }

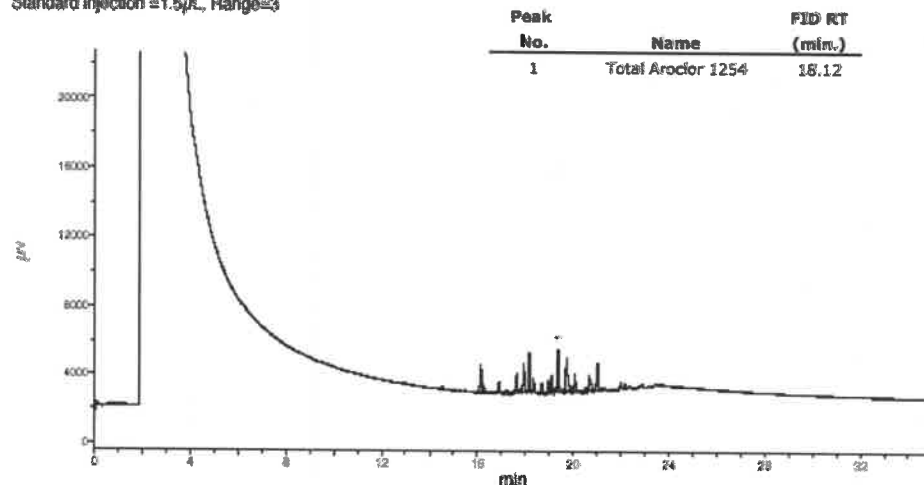
Expiration Date: 121833  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 100  
NIST Test ID#: 6UTB  
Volume(s) shown below were combined and diluted to (mL): 20.0  
Note: Aroclor 1254 is a mix of isomers.

| 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

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

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

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P13357  
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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:**

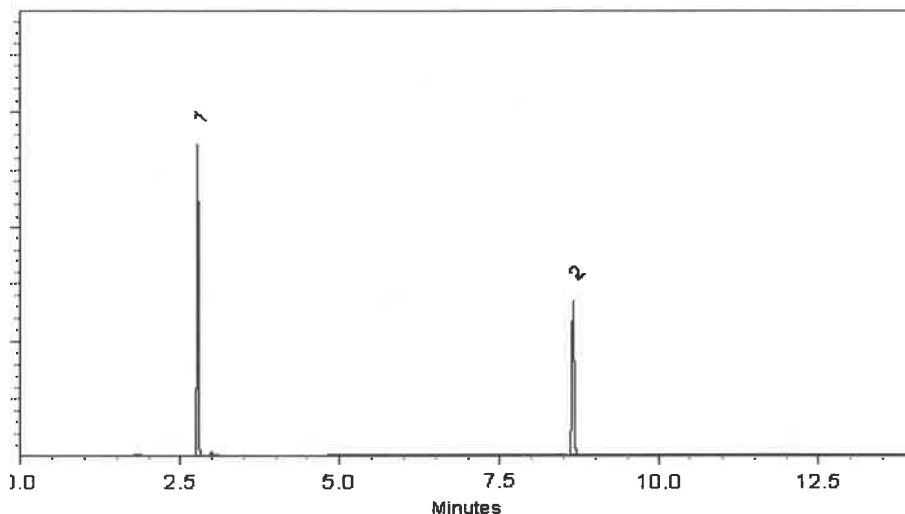
ECD

**Split Vent:**

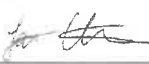
10 ml/min.

**Inj. Vol**

1µl

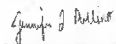


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

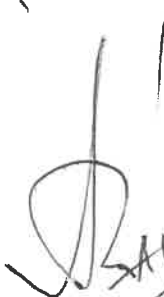
Balance Serial # 1128360905

  
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

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P 13357  
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SAUF  
04/25/2025



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. :** 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  
/

*[Signature]*  
05/6/2024



## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

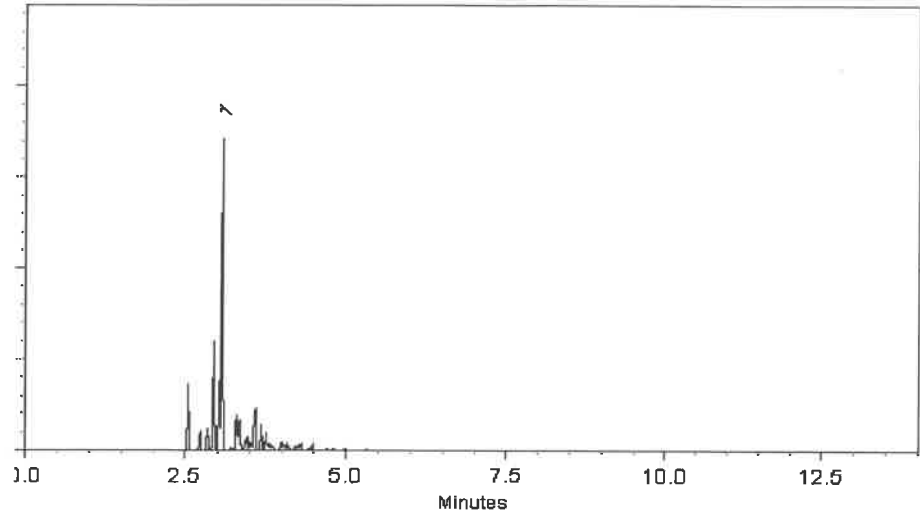
ECD

**Split Vent:**

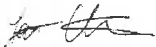
10 ml/min.

**Inj. Vol**

1µl



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

  
Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

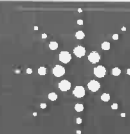
Date Passed: 08-Feb-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P 13374 } ②  
↓  
P 13375 }

  
05/6/2024

ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

| Component Name | CERTIFIED VALUES |                      | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |             |             |
| Aroclor 1242   | 100.4            | ± 0.5 µg/mL          | 053469-21-9 | NT01020     |

Matrix: isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](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  
10/14/24

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.

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**Sample lot approver:**



Monica Bourgeois  
QMS Representative



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## CERTIFIED REFERENCE MATERIAL

# 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. :** 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:**

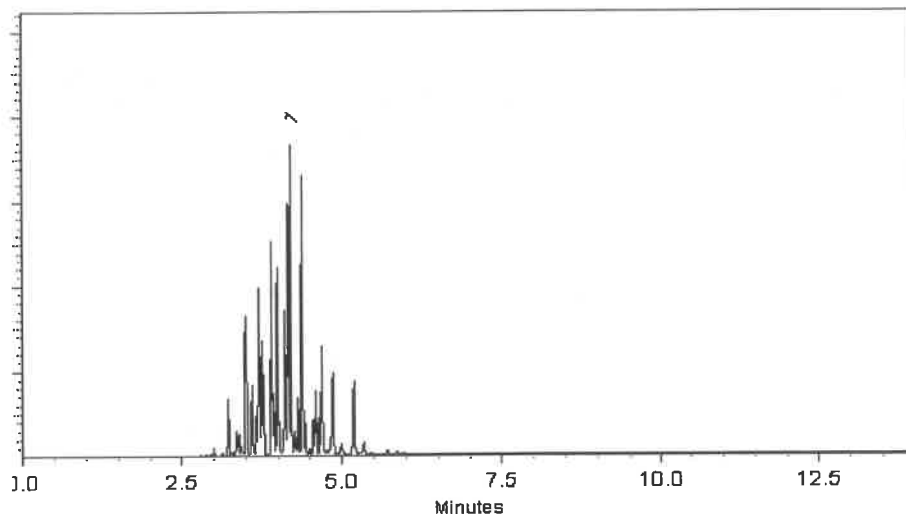
ECD

**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

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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. :** 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:**

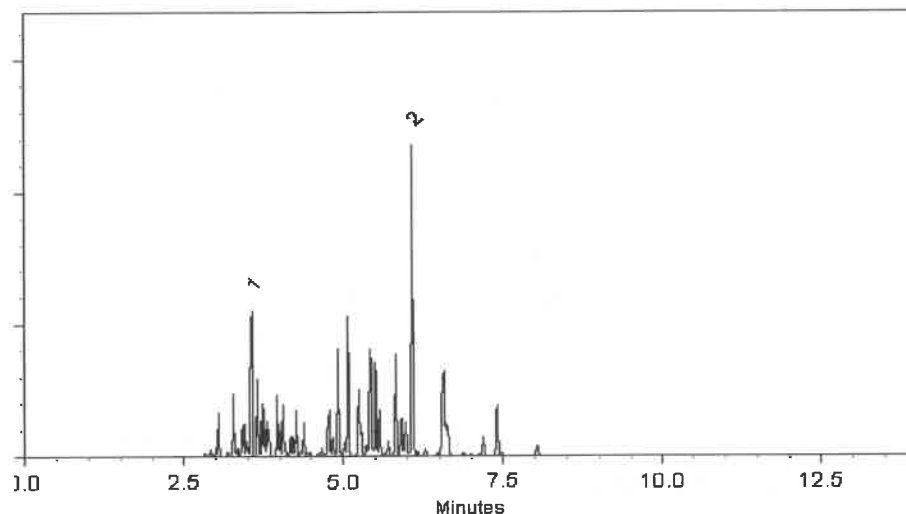
ECD

**Split Vent:**

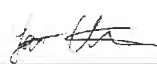
10 ml/min.

**Inj. Vol**

0.2µl

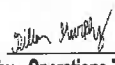


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
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:**

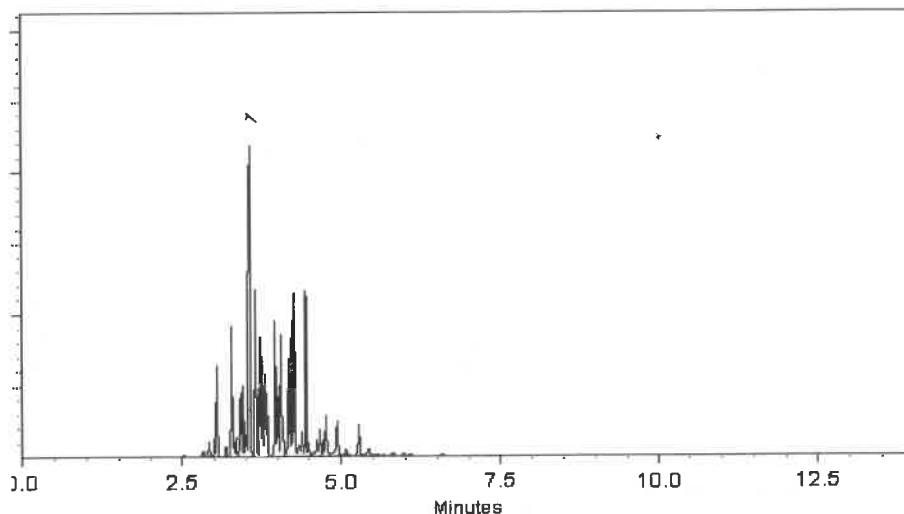
ECD

**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.



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CERTIFIED REFERENCE MATERIAL

# 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. :** 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:**

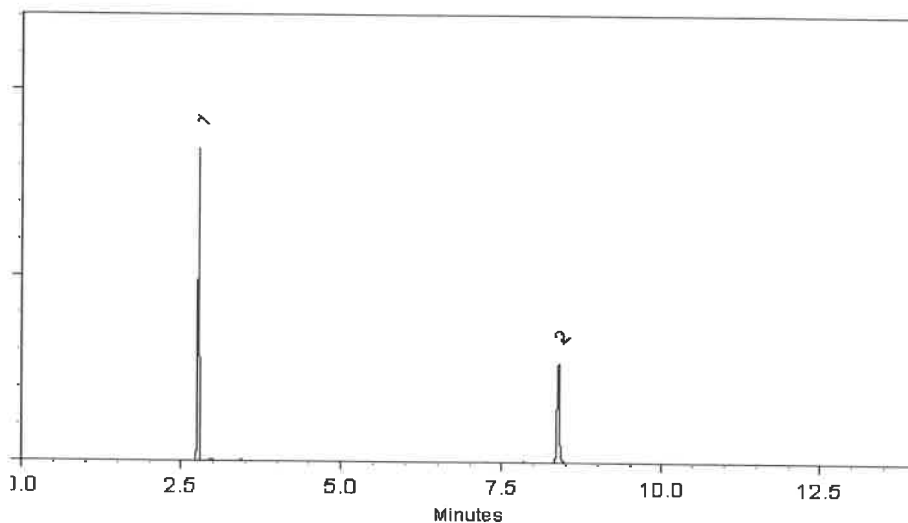
ECD

**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

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## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

**Catalog No. :** 32000 **Lot No.:** A0214495

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** October 31, 2030 **Storage:** 10°C or colder

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

P19785  
↓  
P19789  
AJ  
11/19/24

## CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.2 µg/mL                 | +/- 11.1087                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30679    | 99%    | 201.4 µg/mL                 | +/- 11.1753                            |

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

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

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

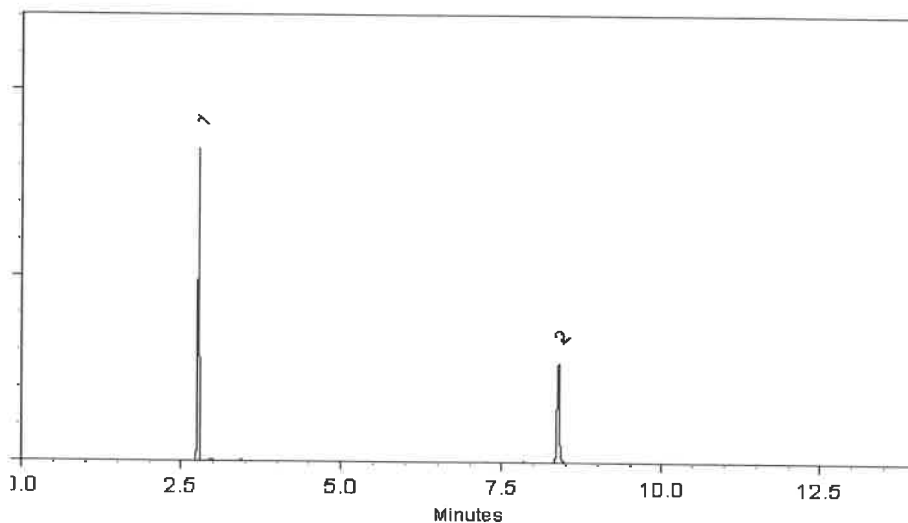
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*A.O.E.*  
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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. :** 32011 **Lot No.:** A0217391

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2031 **Storage:** 25°C nominal

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #     | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|-----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1254 | 11097-69-1 | 124-191-B | ----%  | 1,004.7 µg/mL               | +/- 55.7515                            |

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

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

P13830  
↓  
P13832  
↓  
P13834  
AJ  
12/09/24

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

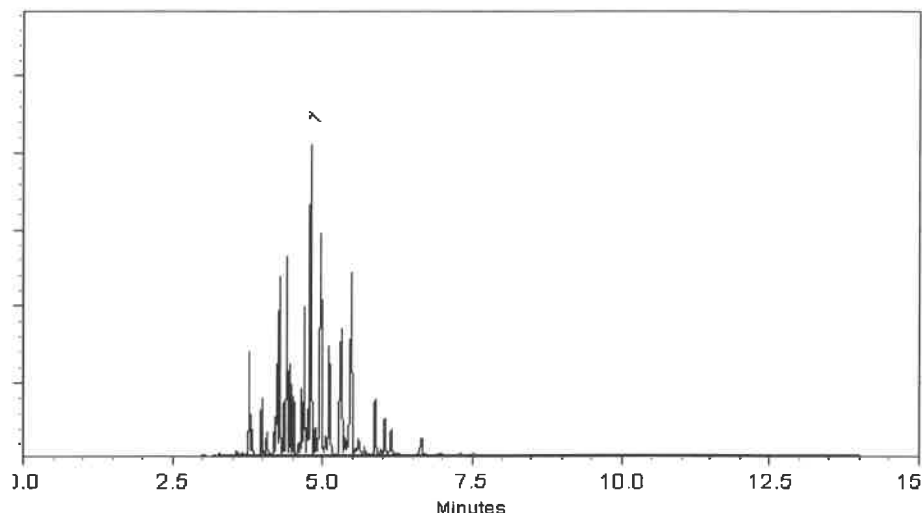
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

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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. :** 32008 **Lot No.:** A0219655

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** March 31, 2031 **Storage:** 25°C nominal

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1232 | 11141-16-5 | 15665-01 | ----%  | 1,007.0 µg/mL               | +/- 55.8810                            |

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

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

P13878  
↓  
P13850

AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

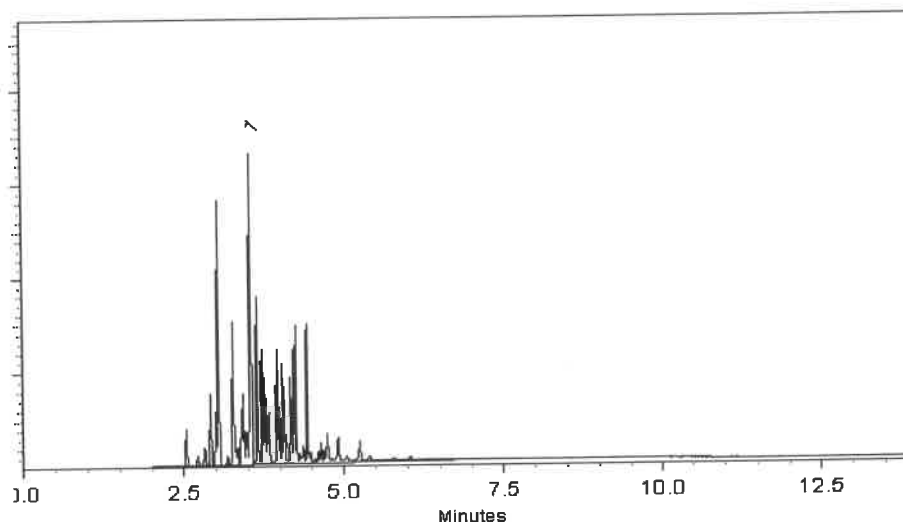
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl



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

*Michael Maye*  
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial # C322230531

*Brittany Federinko*  
Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

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

**Catalog No. :** 32409 **Lot No.:** A0217041

**Description :** Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

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

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

## CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1262 | 37324-23-5 | 10849100 | ----%  | 1,000.0 µg/mL               | +/- 55.4925                            |

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

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

P13881  
AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

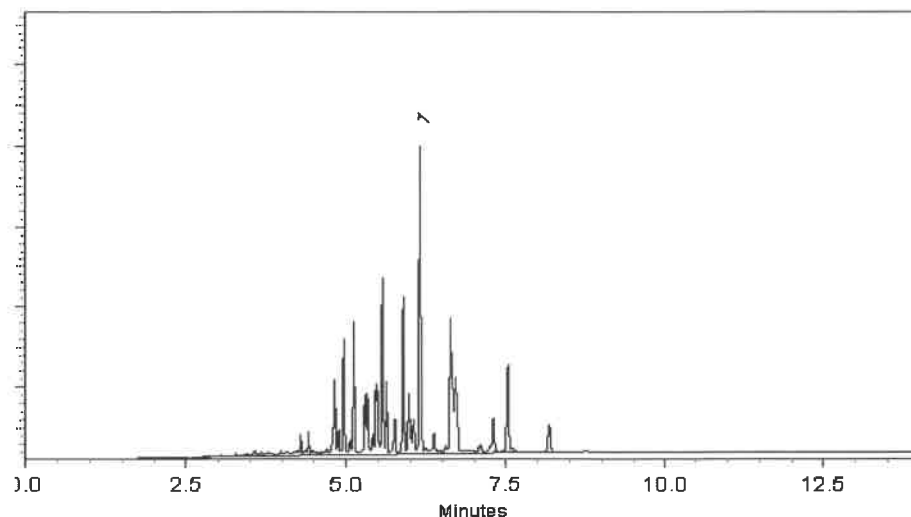
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



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

Rebecca Gingerich - Operations Tech II

Date Mixed: 25-Sep-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397





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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. :** 32410 **Lot No.:** A0217264

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

**Expiration Date :** January 31, 2031 **Storage:** 25°C nominal

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

CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1268 | 11100-14-4 | 12353400 | ----%  | 1,009.8 µg/mL               | +/- 56.0364                            |

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

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

P13884  
↓  
P13886

AJ  
01/28/25

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

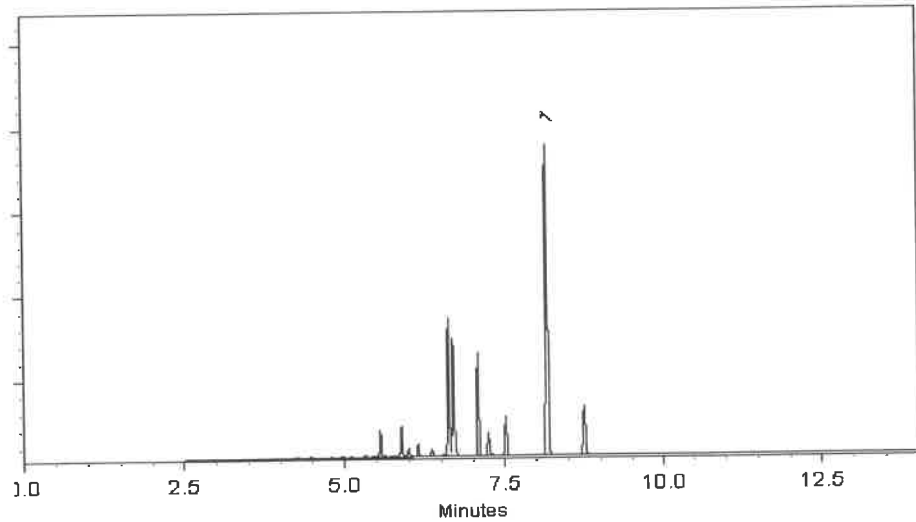
ECD

**Split Vent:**

Split ratio 500:1

**Inj. Vol**

0.2µl



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

Stacey Wanner - Operations Technician I

**Date Mixed:** 01-Oct-2024

**Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 02-Oct-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

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



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

## 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 JB  
OP4421 07/28/2025

## Certificate of Analysis

| Test                                                                           | Specification | Result      |
|--------------------------------------------------------------------------------|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)           | <= 5          | 1           |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)            | <= 10         | 6           |
| ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL) | <= 5          | 5           |
| Assay (Total Saturated C <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

Q3321

## USEPA

DateShipped: 10/8/2025

CarrierName: FedEx

AirbillNo: 8850 1194 6759

## CHAIN OF CUSTODY RECORD

Case #: 918

Contact Name: Peter Lisichenko

Contact Phone: 347-276-6251

No: 2-100825-0004-0122-01

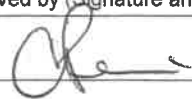
Cooler #: 1

Lab: Alliance Technical Group, LLC

Lab Phone: 805-526-7161

| Lab # | Sample #   | Location | Analyses         | Matrix | Sample Date | Sample Time | Numb Cont | Container                      | Preservative | Lab QC |
|-------|------------|----------|------------------|--------|-------------|-------------|-----------|--------------------------------|--------------|--------|
|       | P001-DS-01 | P001     | TAL VOCs         | Soil   | 10/8/2025   | 14:15       | 3         | 5-g Encore sampler             | 4 C          |        |
|       | P001-DS-01 | P001     | TAL SVOCs        | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TAL PCBs         | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TAL Pesticides   | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass cl jar w/Teflon cap | 4 C          |        |
|       | P001-DS-01 | P001     | TAL Metals+Hg&CN | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TCLP VOCs        | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TCLP Metals+Hg   | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TAL Pesticides   | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TCLP SVOCs       | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |
|       | P001-DS-01 | P001     | TCLP Herbicides  | Soil   | 10/8/2025   | 14:15       | 1         | 8 oz glass jar w/Teflon cap    | 4 C          |        |

|                       |                          |
|-----------------------|--------------------------|
| Special Instructions: | SAMPLES TRANSFERRED FROM |
|                       | CHAIN OF CUSTODY #       |

| Items/Reason                | Relinquished by (Signature and Organization)                                              | Date/Time        | Received by (Signature and Organization)                                              | Date/Time        | Sample Condition Upon Receipt |
|-----------------------------|-------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|------------------|-------------------------------|
| All Samples<br>All Analyses |  USEPA | 10/8/25<br>1600h |  | 10/9/25<br>10:00 | IR Gun #1 3.4                 |
|                             |                                                                                           |                  |                                                                                       |                  |                               |
|                             |                                                                                           |                  |                                                                                       |                  |                               |

Q3321

## USEPA

DateShipped: 10/8/2025

CarrierName: FedEx

AirbillNo: 8850 1194 6759

## CHAIN OF CUSTODY RECORD

Case #: 918

Contact Name: Peter Lisichenko

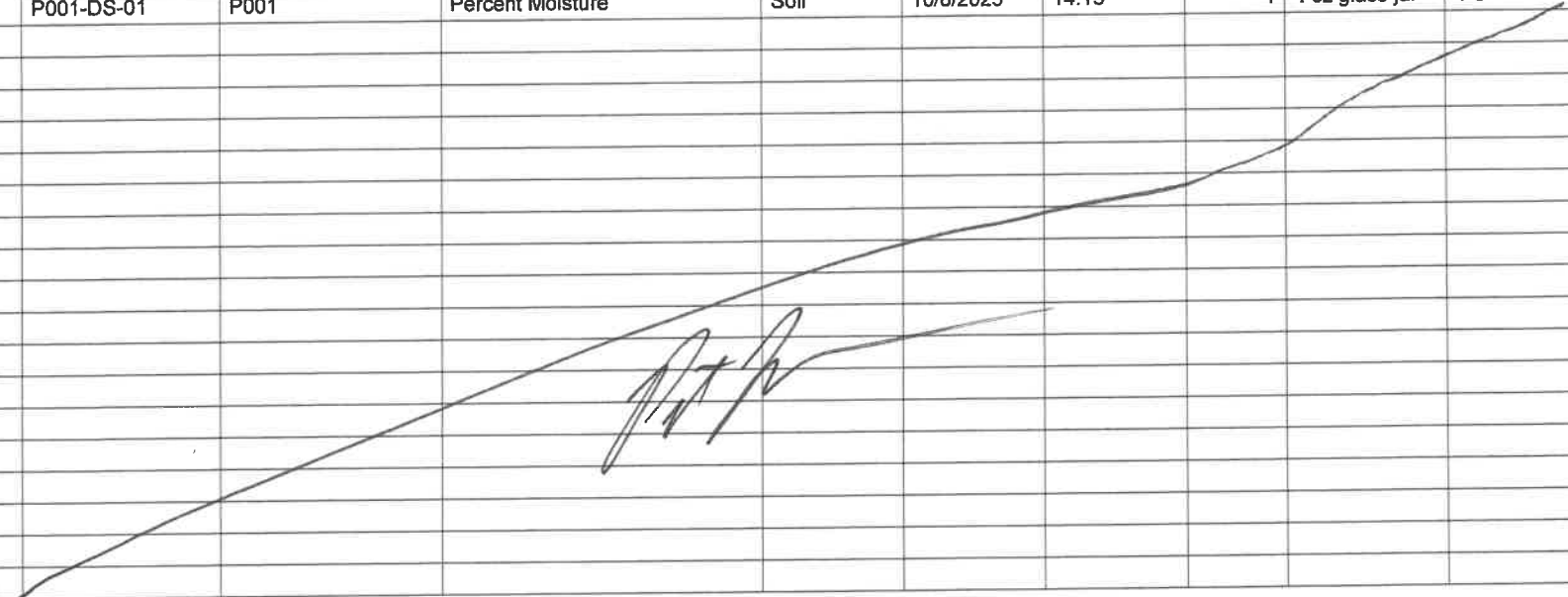
Contact Phone: 347-276-6251

No: 2-100825-0004-0122-01

Cooler #: 1

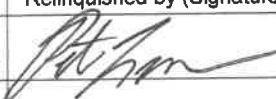
Lab: Alliance Technical Group, LLC

Lab Phone: 805-526-7161

| Lab #                                                                               | Sample #   | Location | Analyses         | Matrix | Sample Date | Sample Time | Numb Cont | Container      | Preservative | Lab QC |
|-------------------------------------------------------------------------------------|------------|----------|------------------|--------|-------------|-------------|-----------|----------------|--------------|--------|
|                                                                                     | P001-DS-01 | P001     | Percent Moisture | Soil   | 10/8/2025   | 14:15       | 1         | 4 oz glass jar | 4 C          |        |
|  |            |          |                  |        |             |             |           |                |              |        |

SAMPLES TRANSFERRED FROM  
CHAIN OF CUSTODY #

Special Instructions:

| Items/Reason                | Relinquished by (Signature and Organization)                                              | Date/Time          | Received by (Signature and Organization)                                              | Date/Time       | Sample Condition Upon Receipt |
|-----------------------------|-------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|-----------------|-------------------------------|
| ALL SAMPLES<br>ALL ANALYSIS |  USEPA | 10/8/25<br>1600 AM |  | 1000<br>10/9/25 | IR 5000 3.4                   |
|                             |                                                                                           |                    |                                                                                       |                 |                               |
|                             |                                                                                           |                    |                                                                                       |                 |                               |

### 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           |



### LOGIN REPORT/SAMPLE TRANSFER

|                                              |        |                                                 |                                   |
|----------------------------------------------|--------|-------------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q3321                      | ROYF02 | <b>Order Date :</b> 10/9/2025 10:30:00 AM       | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Weston Solutions, Inc.  |        | <b>Project Name :</b> RFP 905-918               | <b>Report Type :</b> Level 4      |
| <b>Client Contact :</b> Smita Sumbaly        |        | <b>Receive DateTime :</b> 10/9/2025 12:00:00 AM | <b>EDD Type :</b> EXCEL NOCLEANUP |
| <b>Invoice Name :</b> Weston Solutions, Inc. |        | <b>Purchase Order :</b> 10:00                   | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Smita Sumbaly       |        |                                                 | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID  | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES                  |
|----------|------------|--------|-------------|-------------|---------------|------------|--------|----------|----------------------------|
| Q3321-01 | P001-DS-01 | Solid  | 10/08/2025  | 14:15       | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days<br>5 Bus Days |

Relinquished By :

Date / Time : 10/9/25 10:00

Received By :

Date / Time : 10/09/25

Storage Area : VOA Refridgerator Room