Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012925\
Data File : PP069303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 10:06
Operator : YP\AJ
Sample : Q1168-07
Misc : AR1221 LOD 25 PPB
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2025

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 11:59:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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... | 4.534 | 3.840 | 27623160 | 18041566 | 19.297 | 20.214 |
| 2) | SA Decachlor... | 10.275 | 8.911 | 21491663 | 23534474 | 19.665 | 21.041 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.725 | 4.054 | 516768 | 254101 | 27.170m | 20.628 |
| 9) | L2 AR-1221-2 | 4.838 | 4.143 | 729661 | 461045 | 53.289 | 47.612 |
| 10) | L2 AR-1221-3 | 4.895 | 4.216 | 1053343 | 633803 | 25.113 | 21.725 |

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

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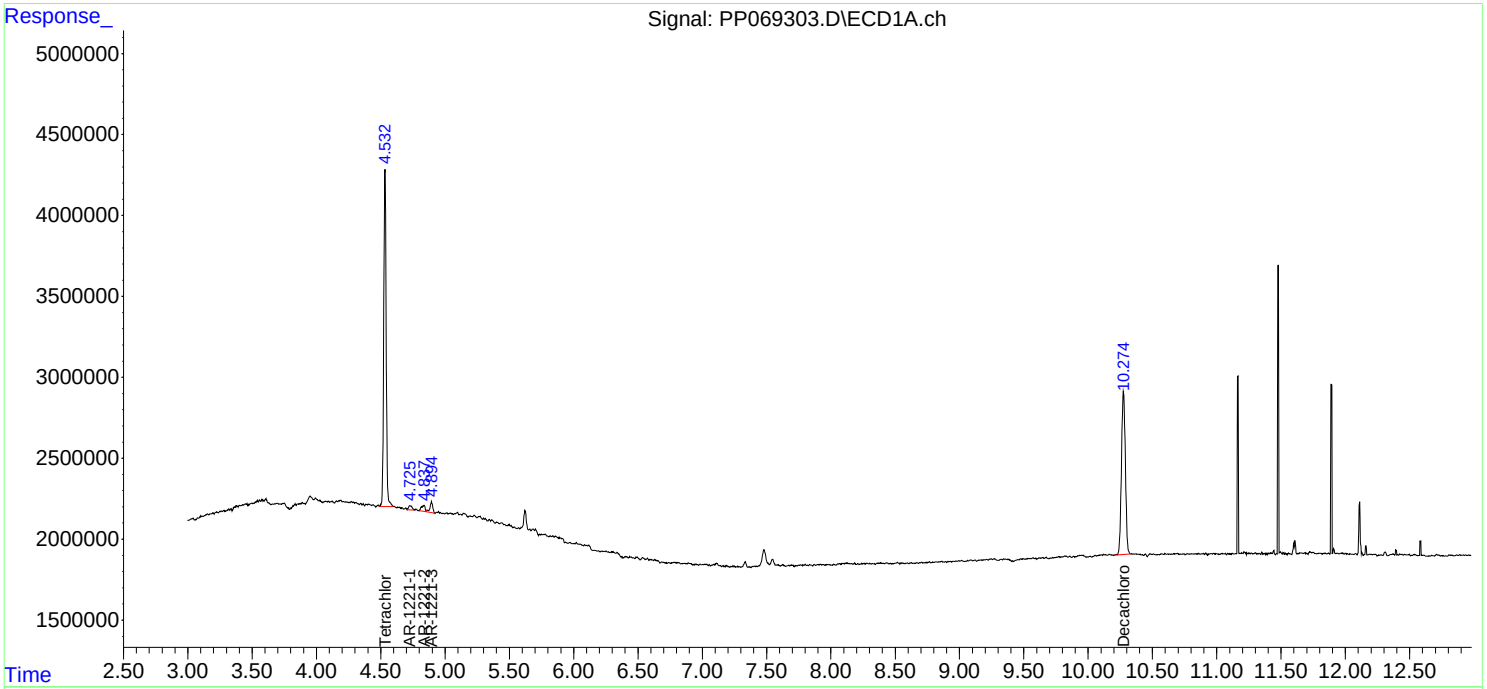


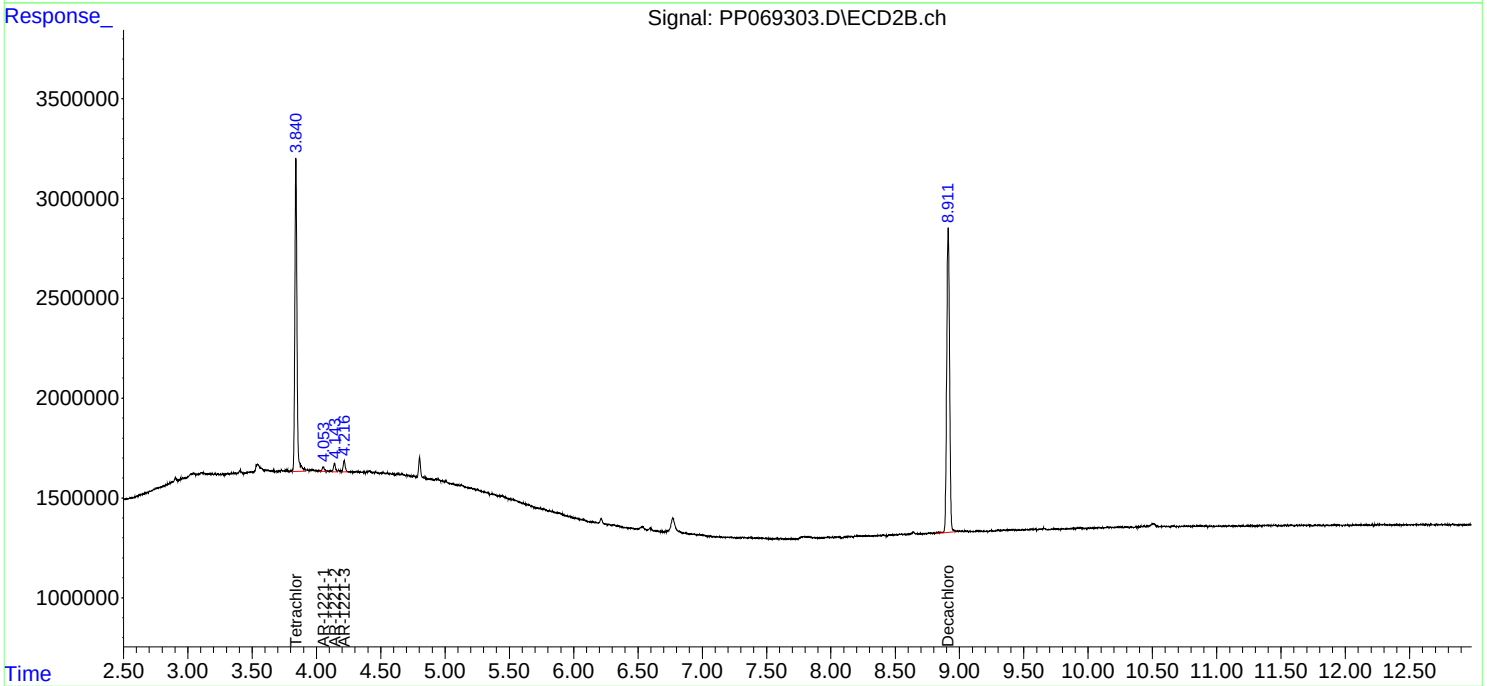

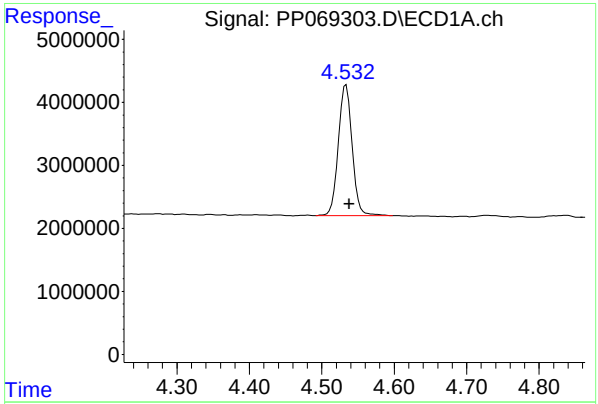


#1 Tetrachloro-m-xylene

R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 27623160
Conc: 19.30 ng/ml

**Instrument :**
ECD_P
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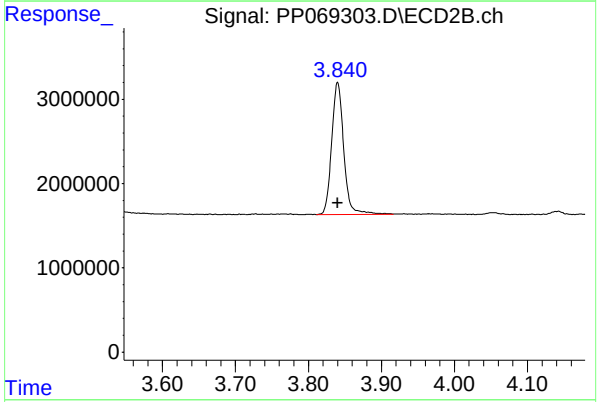
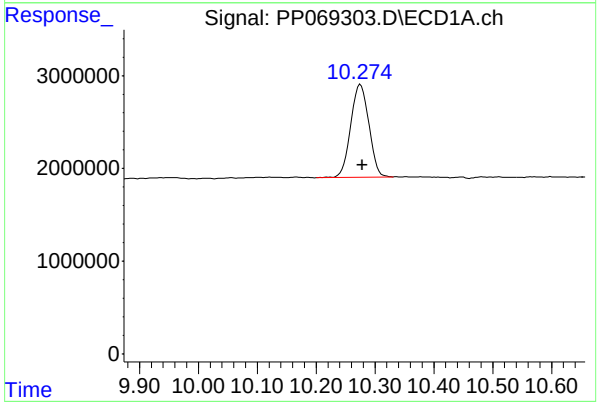


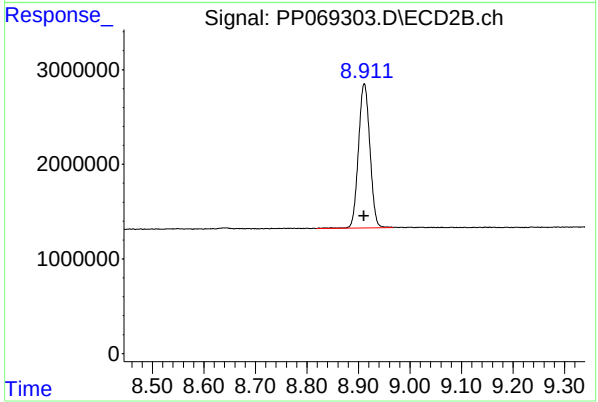

#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 18041566
Conc: 20.21 ng/ml



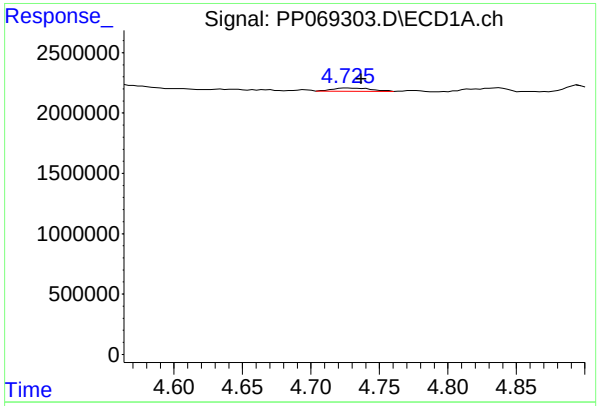

#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.003 min
Response: 21491663
Conc: 19.66 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 23534474
Conc: 21.04 ng/ml




#8 AR-1221-1

R.T.: 4.725 min
Delta R.T.: -0.012 min
Response: 516768
Conc: 27.17 ng/ml

**Instrument :**
ECD_P
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**Manual Integrations**
**APPROVED**

Reviewed By :Yogesh Patel 01/30/2025
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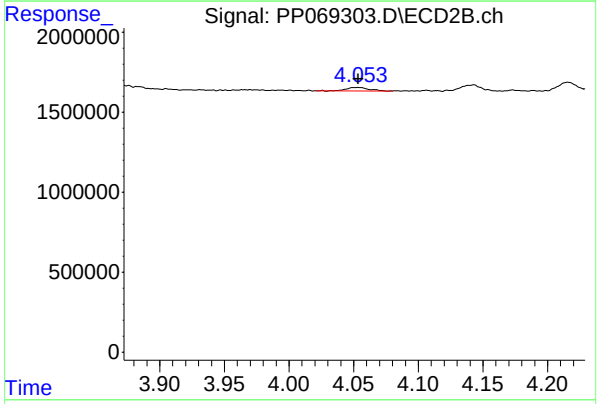
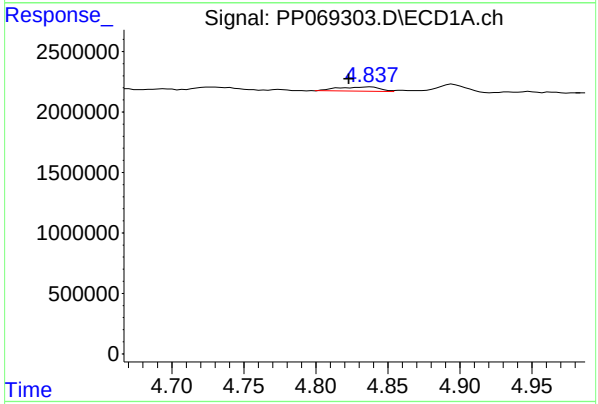


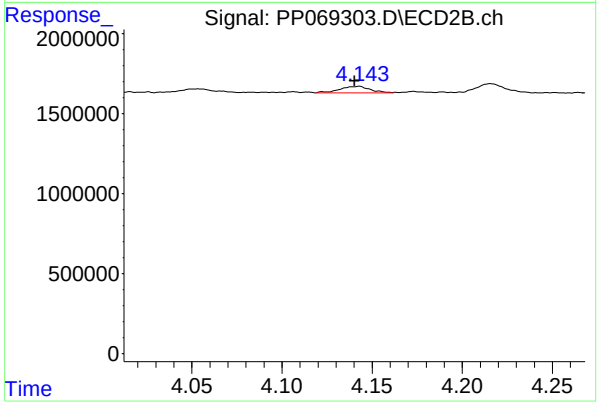

#8 AR-1221-1

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 254101
Conc: 20.63 ng/ml



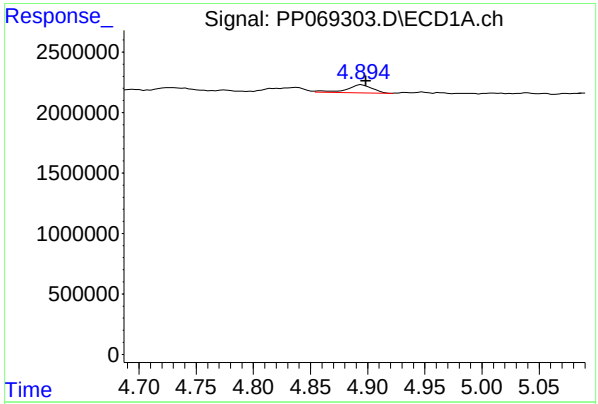

#9 AR-1221-2

R.T.: 4.838 min
Delta R.T.: 0.015 min
Response: 729661
Conc: 53.29 ng/ml




#9 AR-1221-2

R.T.: 4.143 min
Delta R.T.: 0.002 min
Response: 461045
Conc: 47.61 ng/ml




#10 AR-1221-3

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 1053343
Conc: 25.11 ng/ml

**Instrument :**
ECD_P
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**Manual Integrations APPROVED**

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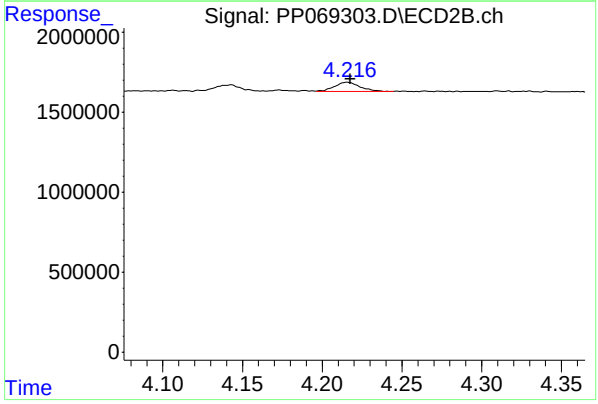


#10 AR-1221-3

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 633803
Conc: 21.72 ng/ml