

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ012825\  
 Data File : PQ069805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2025 16:53  
 Operator : YP\AJ  
 Sample : Q1168-01  
 Misc : AR1254 LOD 25 PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025  
 Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 28 22:16:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012825.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 28 14:44:45 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 3.416 | 2.786 | 161.7E6  | 135.0E6  | 20.017 | 17.768  |
| 2) SA Decachlor...          | 8.528 | 7.562 | 101.6E6  | 153.9E6  | 21.841 | 19.991  |
| Target Compounds            |       |       |          |          |        |         |
| 26) L6 AR-1254-1            | 5.314 | 4.547 | 7952558  | 9596101  | 26.508 | 24.117m |
| 27) L6 AR-1254-2            | 5.529 | 4.695 | 11704229 | 9033024  | 25.917 | 25.566m |
| 28) L6 AR-1254-3            | 5.876 | 5.077 | 12599124 | 15638349 | 27.014 | 28.099  |
| 29) L6 AR-1254-4            | 6.157 | 5.304 | 7014955  | 8314714  | 24.891 | 27.285  |
| 30) L6 AR-1254-5            | 6.567 | 5.709 | 9385243  | 13002744 | 26.746 | 25.659  |
| -----                       |       |       |          |          |        |         |

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

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Operator : YP\AJ  
Sample : Q1168-01  
Misc : AR1254 LOD 25 PPB  
ALS Vial : 10 Sample Multiplier: 1

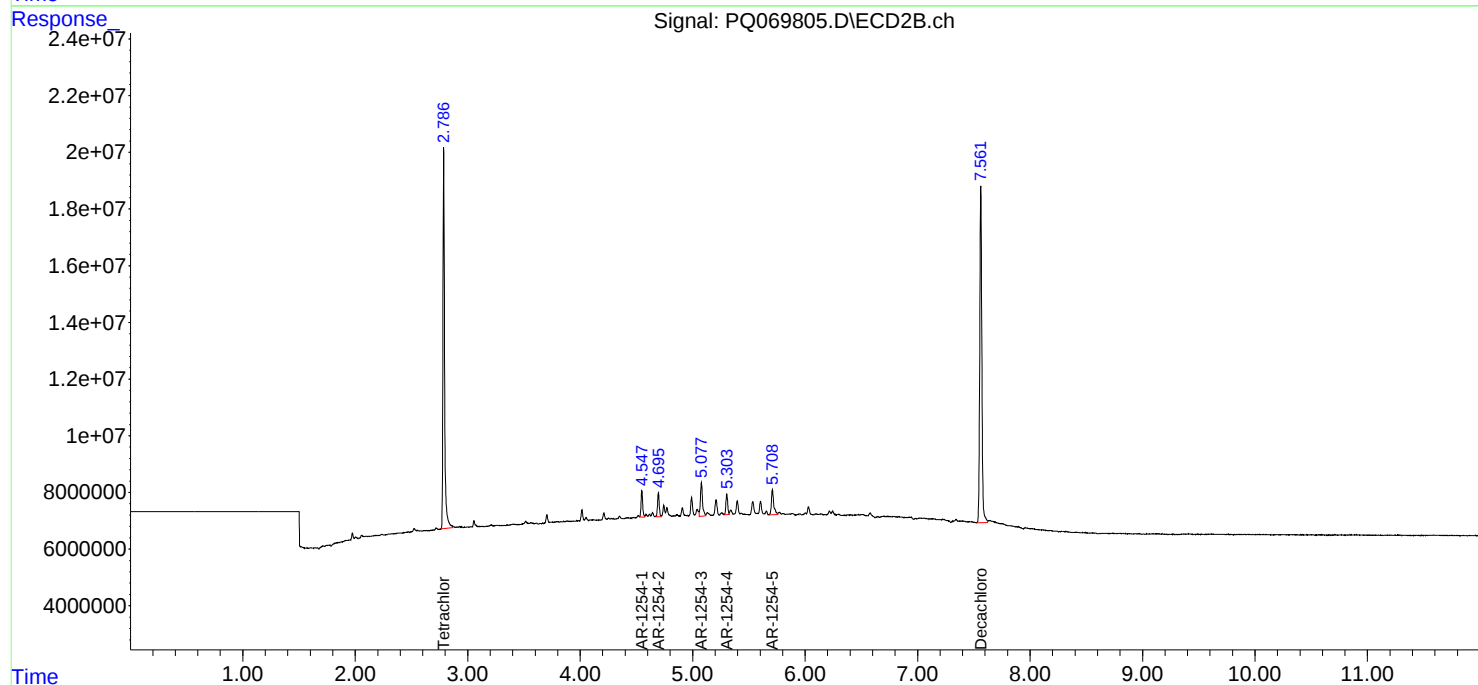
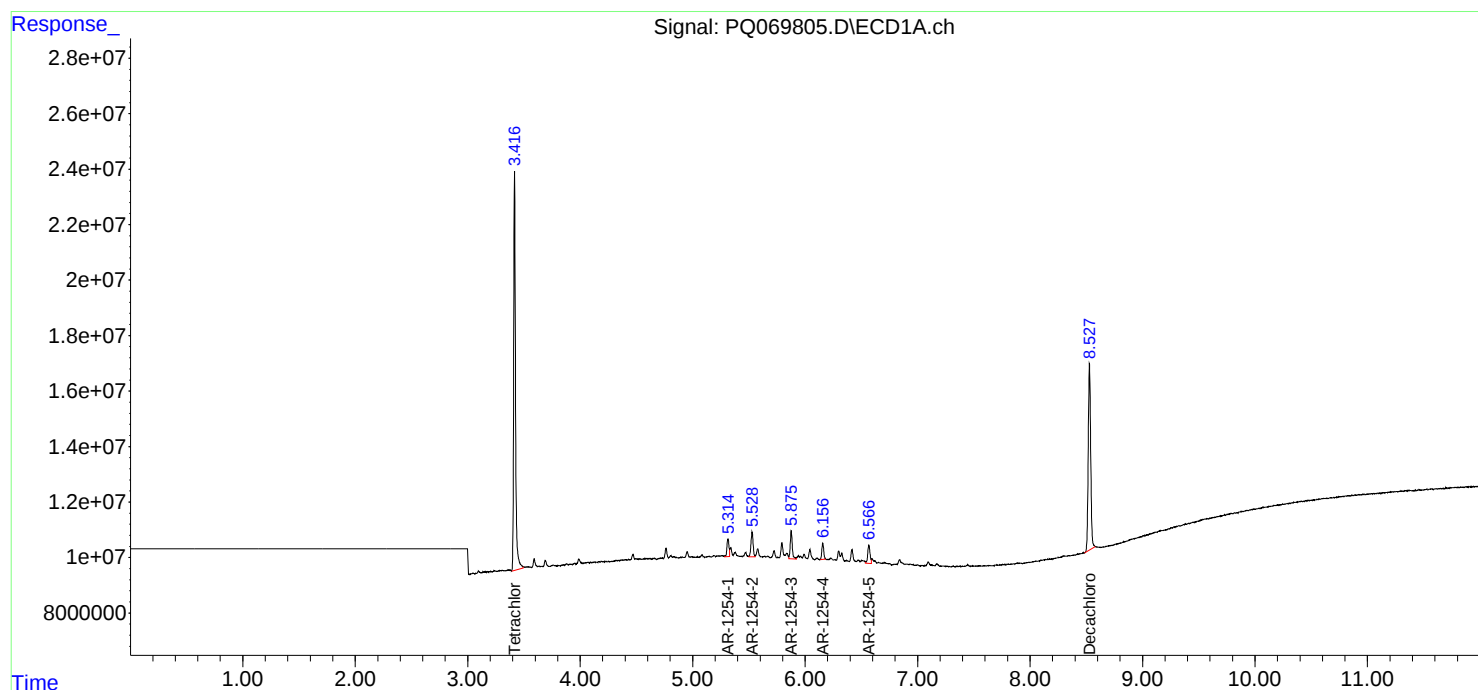
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2025

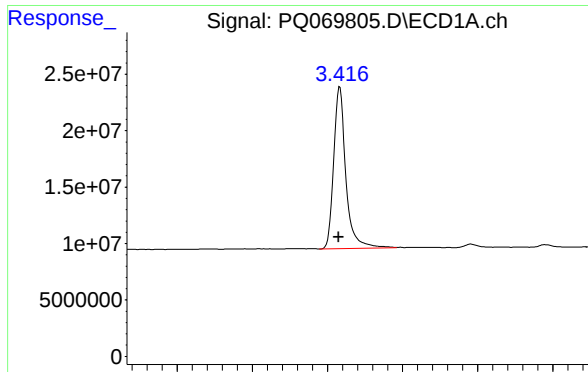
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 22:16:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ012825.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 28 14:44:45 2025  
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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





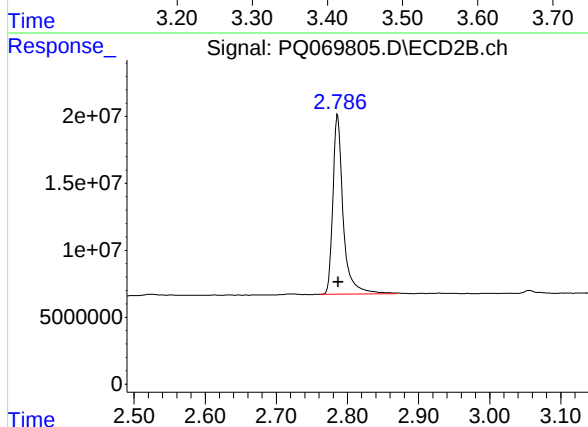
#1 Tetrachloro-m-xylene

R.T.: 3.416 min  
Delta R.T.: 0.001 min  
Response: 161718857  
Conc: 20.02 ng/ml

Instrument : ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT1-2025

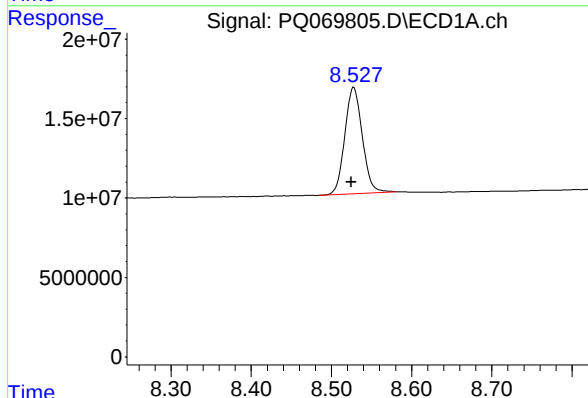
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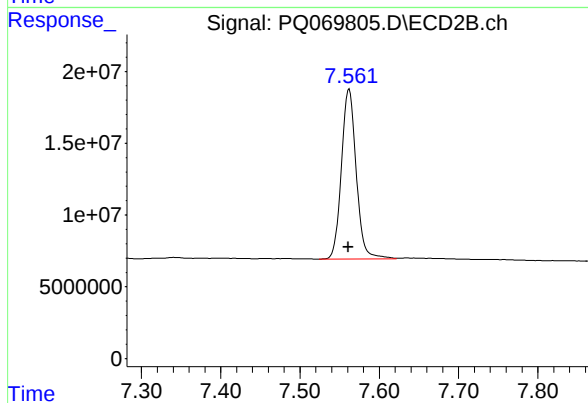
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.000 min  
Response: 135041517  
Conc: 17.77 ng/ml



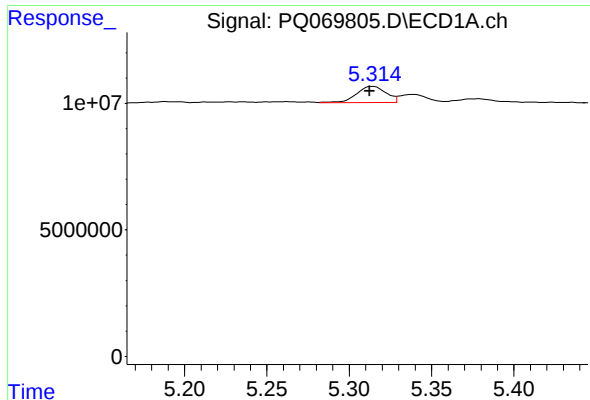
#2 Decachlorobiphenyl

R.T.: 8.528 min  
Delta R.T.: 0.003 min  
Response: 101582416  
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.562 min  
Delta R.T.: 0.000 min  
Response: 153901776  
Conc: 19.99 ng/ml



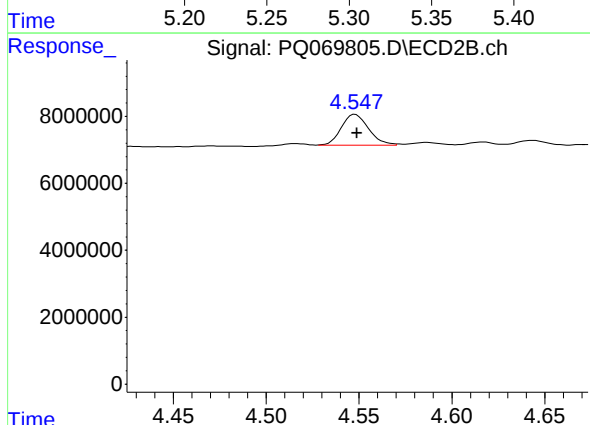
#26 AR-1254-1

R.T.: 5.314 min  
Delta R.T.: 0.002 min  
Response: 7952558  
Conc: 26.51 ng/ml

Instrument :  
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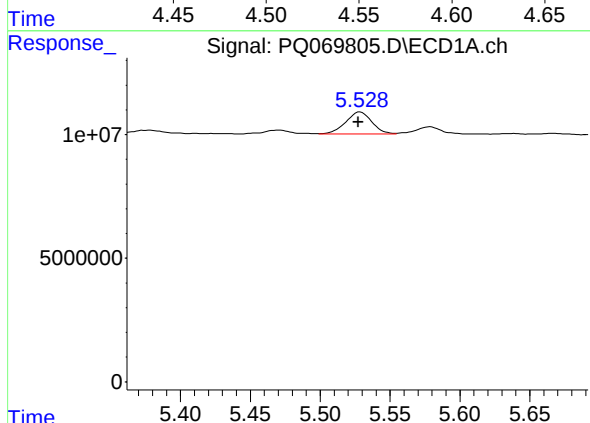
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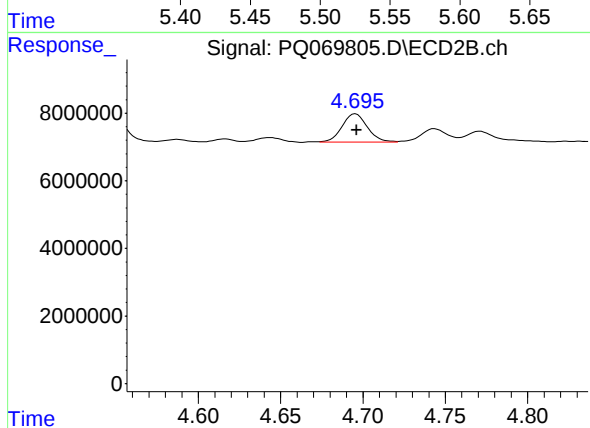
#26 AR-1254-1

R.T.: 4.547 min  
Delta R.T.: -0.002 min  
Response: 9596101  
Conc: 24.12 ng/ml m



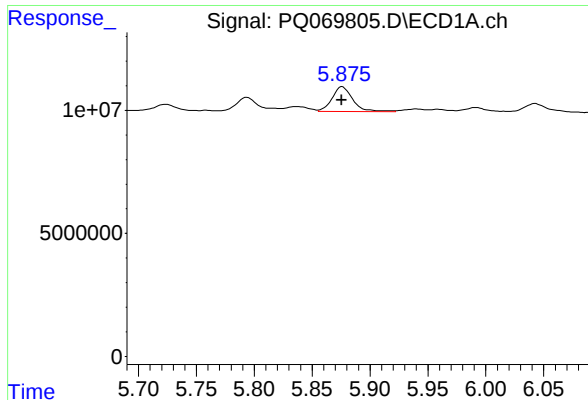
#27 AR-1254-2

R.T.: 5.529 min  
Delta R.T.: 0.001 min  
Response: 11704229  
Conc: 25.92 ng/ml



#27 AR-1254-2

R.T.: 4.695 min  
Delta R.T.: -0.001 min  
Response: 9033024  
Conc: 25.57 ng/ml m



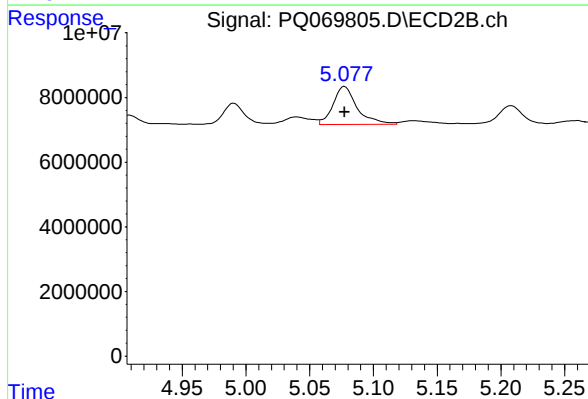
#28 AR-1254-3

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 12599124  
Conc: 27.01 ng/ml

Instrument :  
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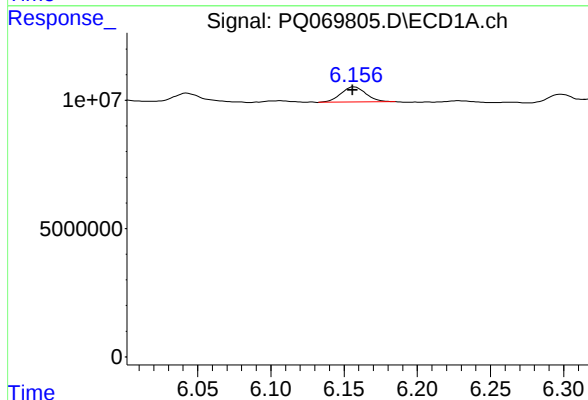
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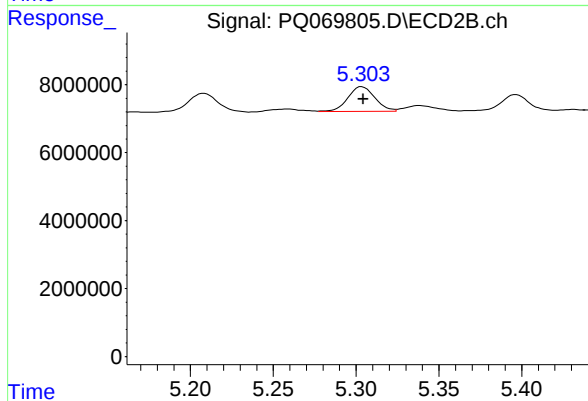
#28 AR-1254-3

R.T.: 5.077 min  
Delta R.T.: 0.000 min  
Response: 15638349  
Conc: 28.10 ng/ml



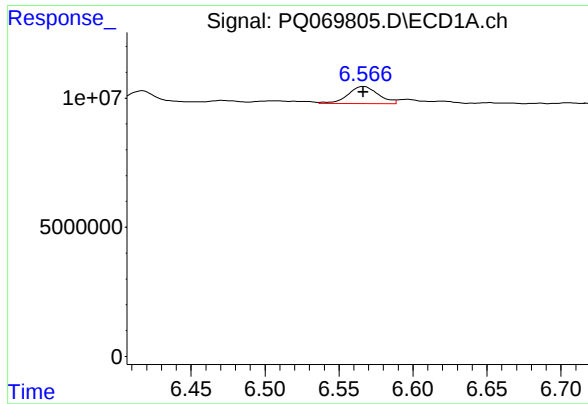
#29 AR-1254-4

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 7014955  
Conc: 24.89 ng/ml



#29 AR-1254-4

R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 8314714  
Conc: 27.28 ng/ml



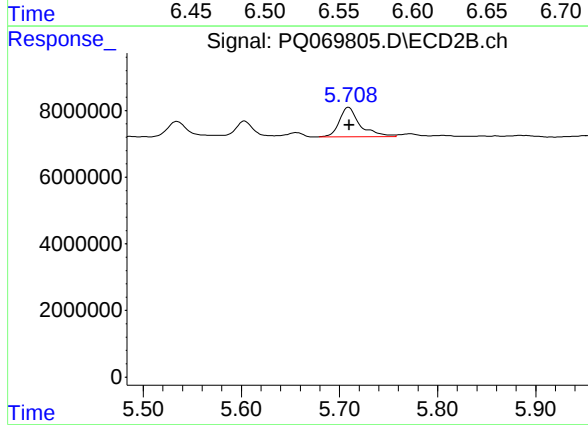
#30 AR-1254-5

R.T.: 6.567 min  
Delta R.T.: 0.000 min  
Response: 9385243  
Conc: 26.75 ng/ml

Instrument :  
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#30 AR-1254-5

R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 13002744  
Conc: 25.66 ng/ml