

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112921\  
 Data File : PQ055182.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Nov 2021 00:43  
 Operator : AJ\MA  
 Sample : M4068-01  
 Misc : AR1268 LOD 25 PPB  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 11/30/2021  
 Supervised By :mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 30 06:32:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ112921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 30 02:09:05 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : 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...          | 5.247  | 4.322 | 382.5E6  | 218.3E6  | 21.753  | 21.233  |
| 2) SA Decachlor...          | 11.440 | 9.731 | 402.8E6  | 211.3E6  | 25.538  | 23.594  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 9.816  | 8.573 | 48605239 | 32015011 | 24.455  | 22.627  |
| 42) L9 AR-1268-2            | 9.920  | 8.637 | 47406363 | 28039547 | 24.226  | 21.518  |
| 43) L9 AR-1268-3            | 10.162 | 8.851 | 41856606 | 21018534 | 25.173m | 19.213m |
| 44) L9 AR-1268-4            | 10.631 | 9.148 | 19868399 | 9454917  | 26.209  | 20.929m |
| 45) L9 AR-1268-5            | 11.076 | 9.458 | 142.8E6  | 71468509 | 24.907  | 20.215  |
| -----                       |        |       |          |          |         |         |

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

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Misc : AR1268 LOD 25 PPB  
ALS Vial : 24 Sample Multiplier: 1

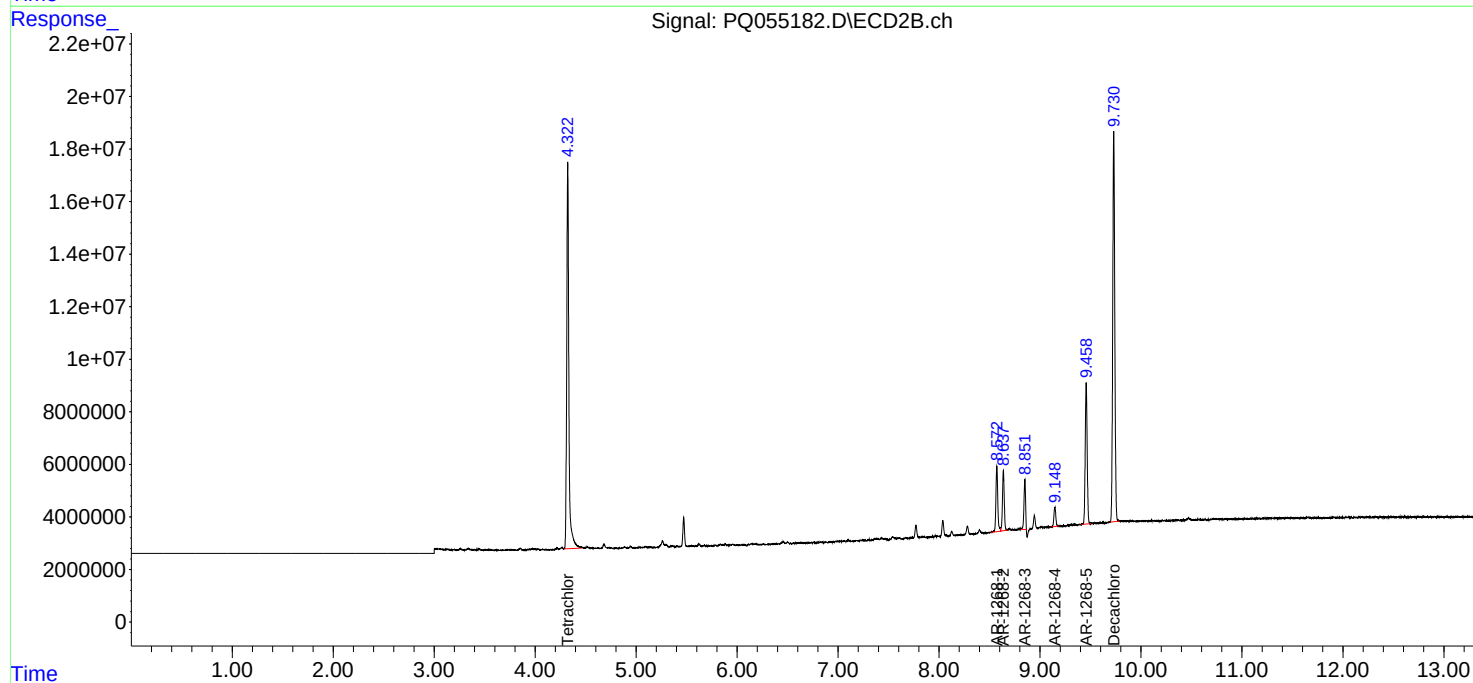
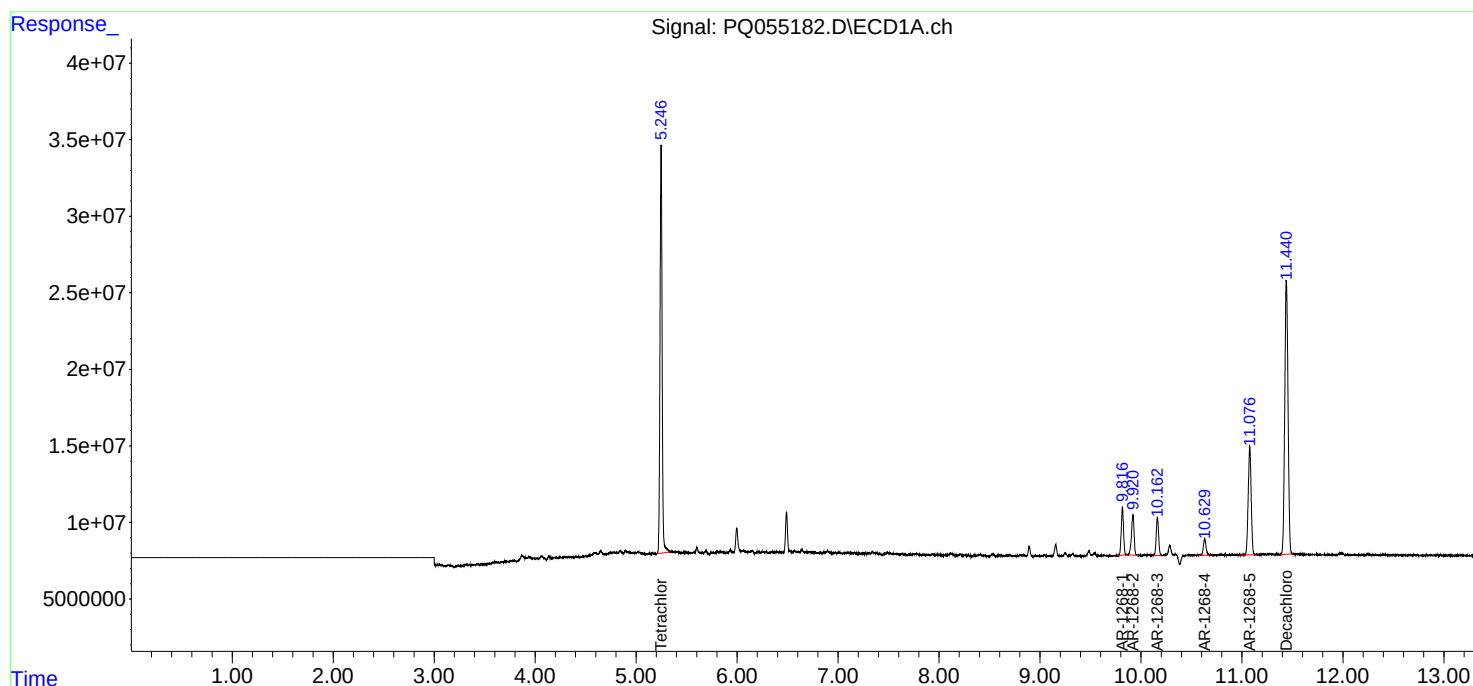
Instrument :  
ECD\_Q  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

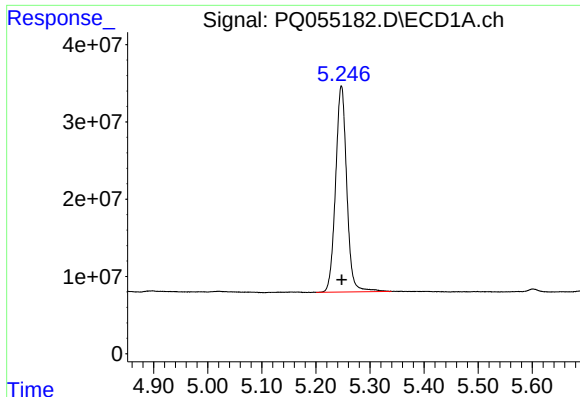
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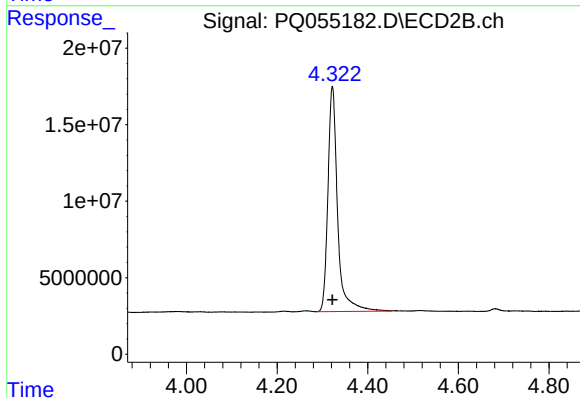
#1 Tetrachloro-m-xylene

R.T.: 5.247 min  
Delta R.T.: 0.000 min  
Response: 382459662  
Conc: 21.75 ng/ml

Instrument :  
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ClientSampleId :  
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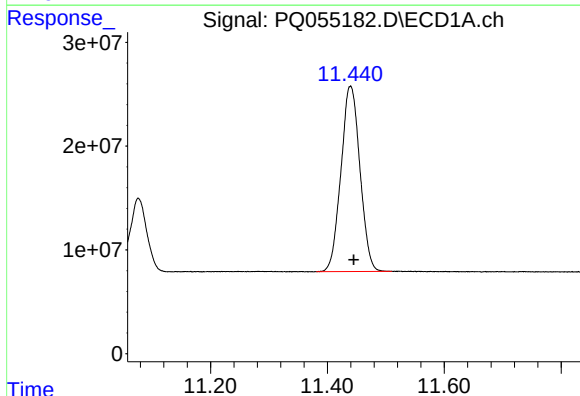
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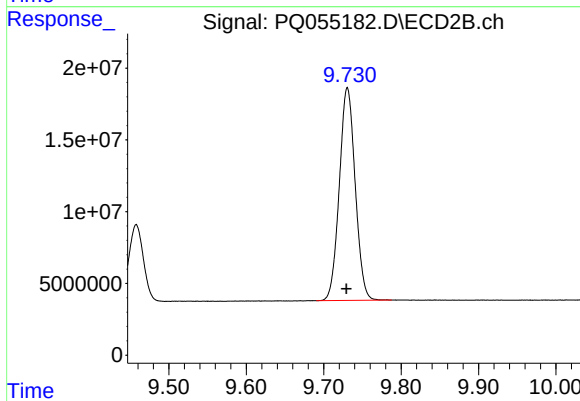
#1 Tetrachloro-m-xylene

R.T.: 4.322 min  
Delta R.T.: 0.000 min  
Response: 218343849  
Conc: 21.23 ng/ml



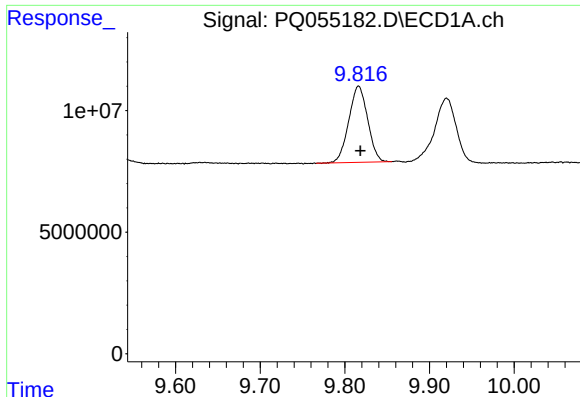
#2 Decachlorobiphenyl

R.T.: 11.440 min  
Delta R.T.: -0.006 min  
Response: 402804238  
Conc: 25.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.731 min  
Delta R.T.: 0.001 min  
Response: 211267981  
Conc: 23.59 ng/ml



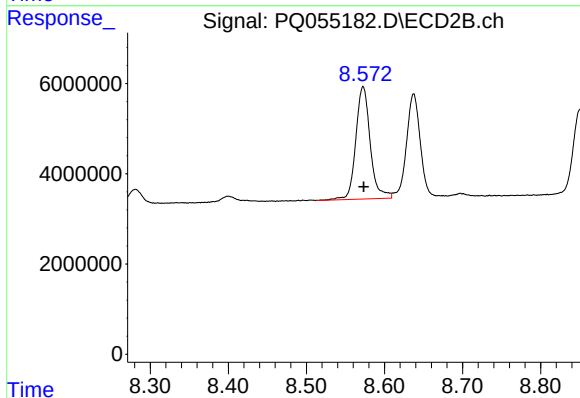
#41 AR-1268-1

R.T.: 9.816 min  
Delta R.T.: -0.002 min  
Response: 48605239  
Conc: 24.45 ng/ml

Instrument :  
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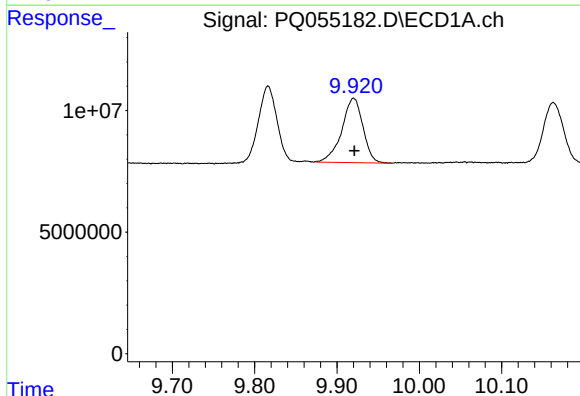
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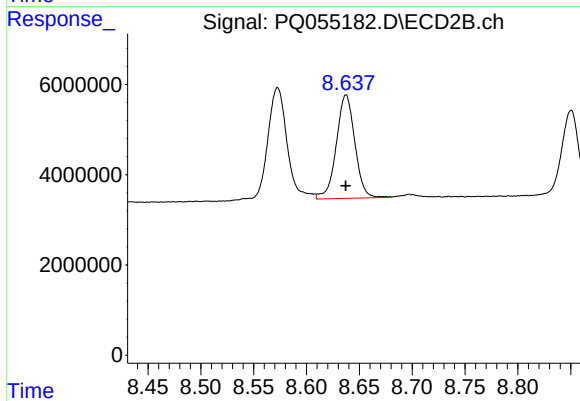
#41 AR-1268-1

R.T.: 8.573 min  
Delta R.T.: 0.000 min  
Response: 32015011  
Conc: 22.63 ng/ml



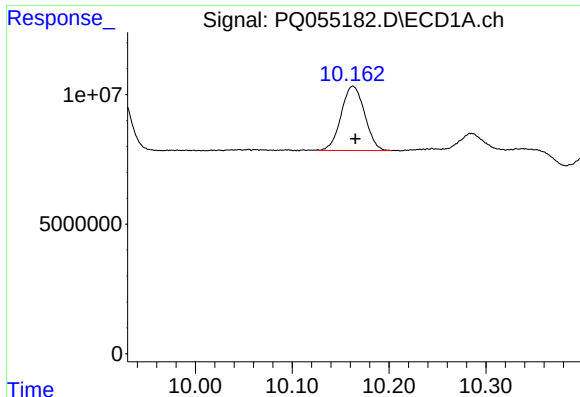
#42 AR-1268-2

R.T.: 9.920 min  
Delta R.T.: -0.001 min  
Response: 47406363  
Conc: 24.23 ng/ml



#42 AR-1268-2

R.T.: 8.637 min  
Delta R.T.: 0.000 min  
Response: 28039547  
Conc: 21.52 ng/ml



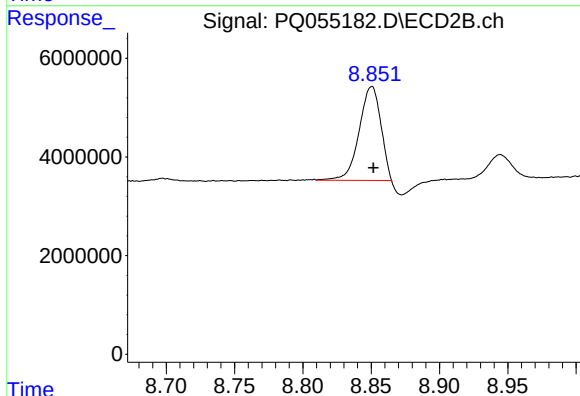
#43 AR-1268-3

R.T.: 10.162 min  
Delta R.T.: -0.003 min  
Response: 41856606  
Conc: 25.17 ng/ml

Instrument :  
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ClientSampleId :  
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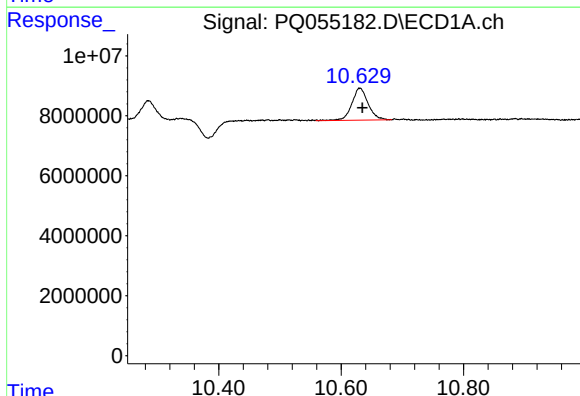
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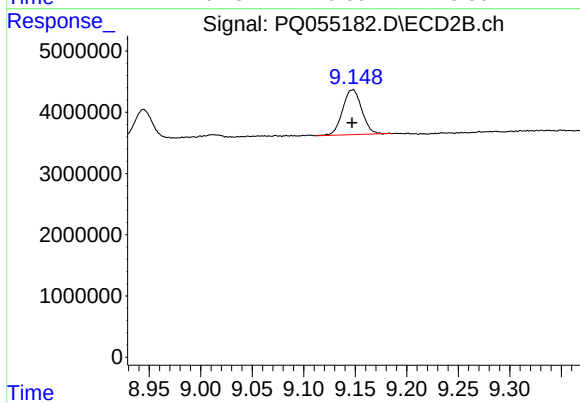
#43 AR-1268-3

R.T.: 8.851 min  
Delta R.T.: 0.000 min  
Response: 21018534  
Conc: 19.21 ng/ml m



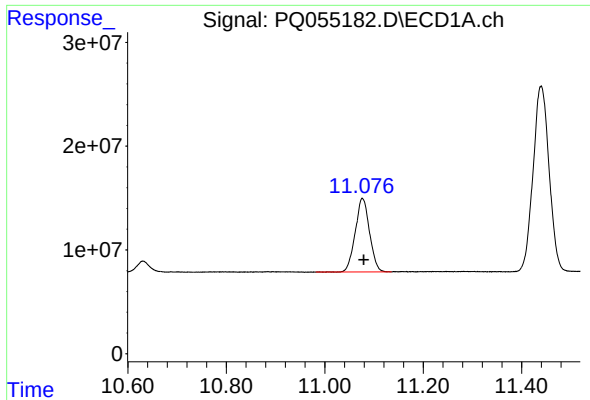
#44 AR-1268-4

R.T.: 10.631 min  
Delta R.T.: -0.005 min  
Response: 19868399  
Conc: 26.21 ng/ml



#44 AR-1268-4

R.T.: 9.148 min  
Delta R.T.: 0.001 min  
Response: 9454917  
Conc: 20.93 ng/ml m



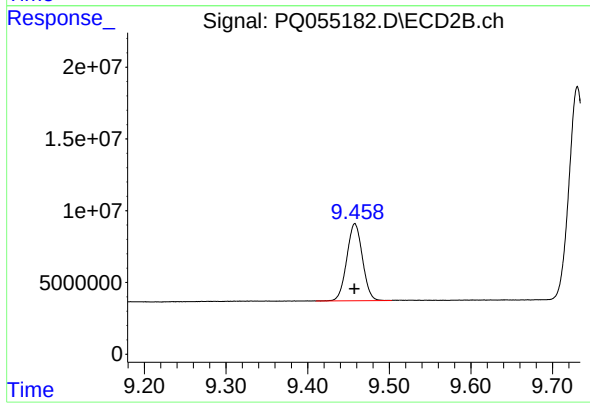
#45 AR-1268-5

R.T.: 11.076 min  
Delta R.T.: -0.003 min  
Response: 142760236  
Conc: 24.91 ng/ml

Instrument :  
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#45 AR-1268-5

R.T.: 9.458 min  
Delta R.T.: 0.000 min  
Response: 71468509  
Conc: 20.21 ng/ml