Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100923\
Data File : PQ063548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 14:15
Operator : YP\AJ
Sample : 04699-01
Misc : AR1248 LOD 25 PPB
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT4-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:11:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 2023
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... | 3.461 | 2.780 | 101.7E6 | 72027483 | 21.722 | 20.841 |
| 2) | SA Decachlor... | 8.697 | 7.581 | 81352883 | 83878368 | 23.280 | 23.334 |
| | Target Compounds | | | | | | |
| 21) | L5 AR-1248-1 | 4.576 | 3.791 | 2238572 | 1831696 | 22.780 | 22.826 |
| 22) | L5 AR-1248-2 | 4.846 | 4.017 | 3494524 | 3079276 | 24.434 | 25.719 |
| 23) | L5 AR-1248-3 | 5.037 | 4.053 | 4062566 | 2938868 | 23.616 | 25.634 |
| 24) | L5 AR-1248-4 | 5.434 | 4.212 | 4235118 | 3607385 | 22.151 | 25.584 |
| 25) | L5 AR-1248-5 | 5.469 | 4.590 | 4105568 | 3103035 | 22.068 | 22.456 |

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

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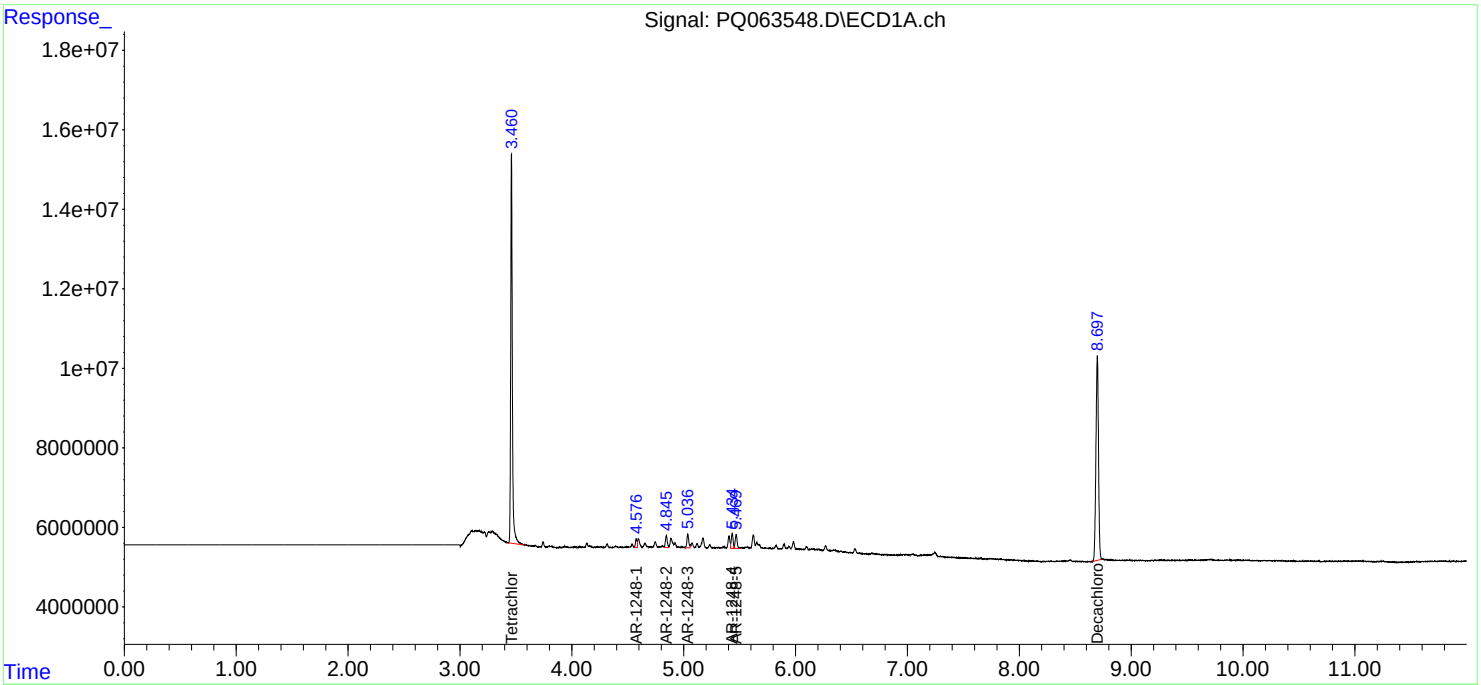
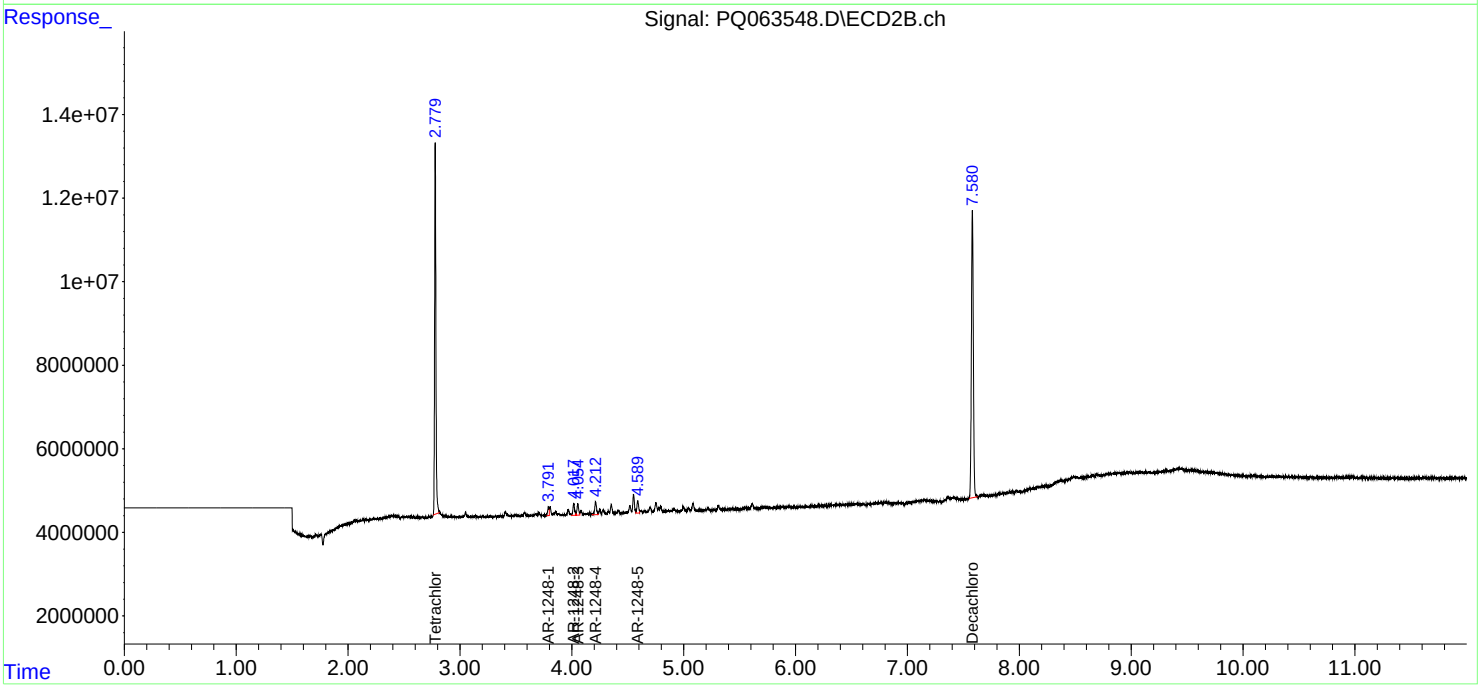
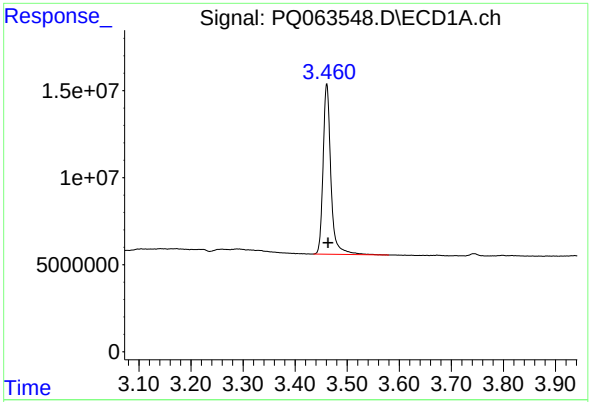


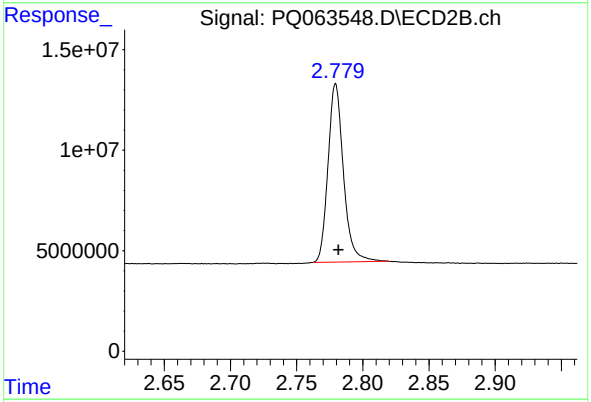






#1 Tetrachloro-m-xylene

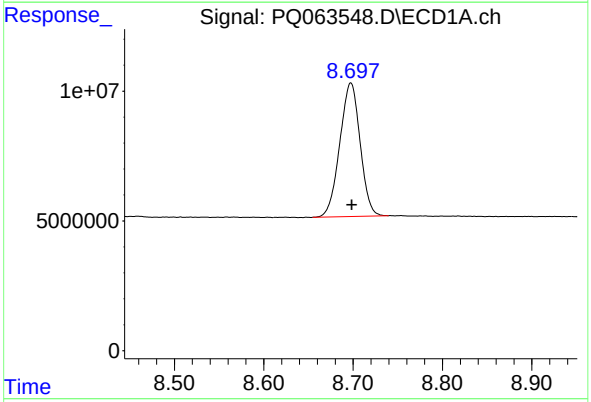
R.T.: 3.461 min
Delta R.T.: -0.002 min
Response: 101736211
Conc: 21.72 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT4-2023



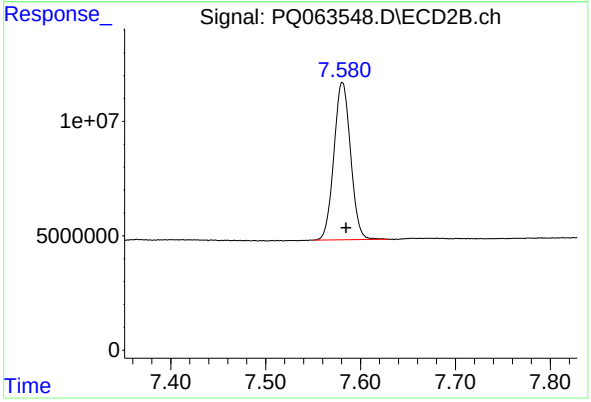

#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 72027483
Conc: 20.84 ng/ml



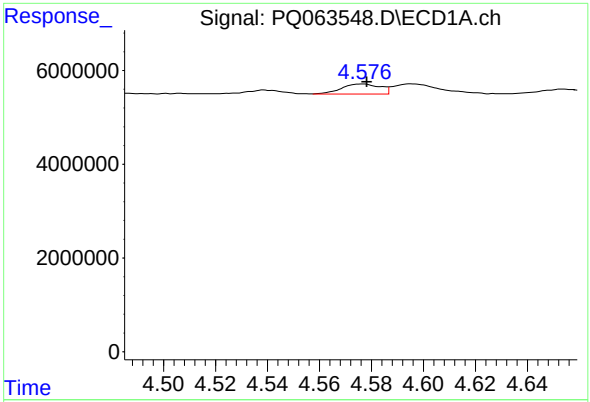

#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.001 min
Response: 81352883
Conc: 23.28 ng/ml




#2 Decachlorobiphenyl

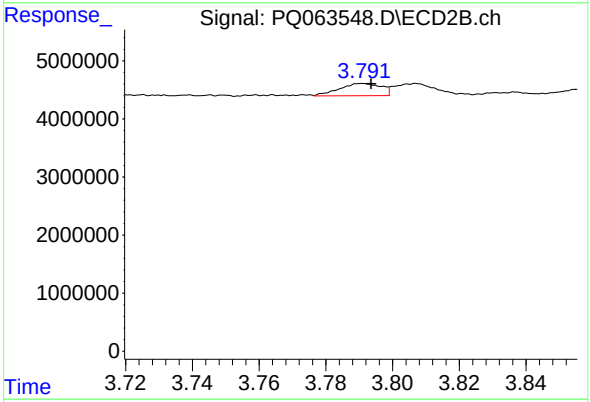
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 83878368
Conc: 23.33 ng/ml




#21 AR-1248-1

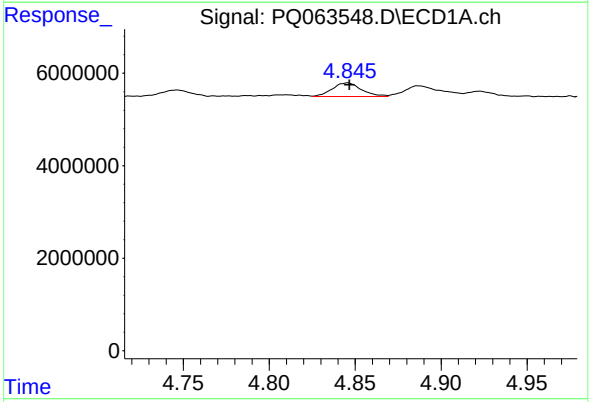
R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 2238572
Conc: 22.78 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT4-2023



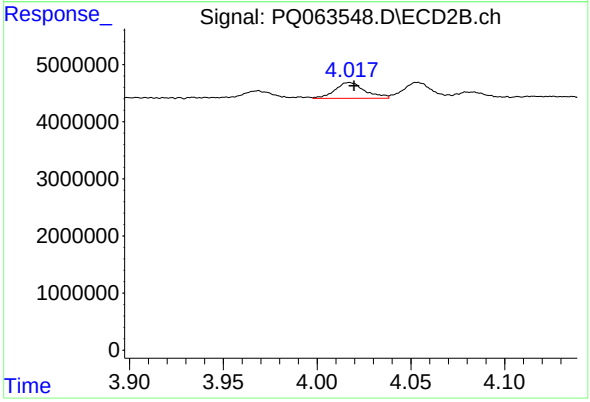

#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 1831696
Conc: 22.83 ng/ml



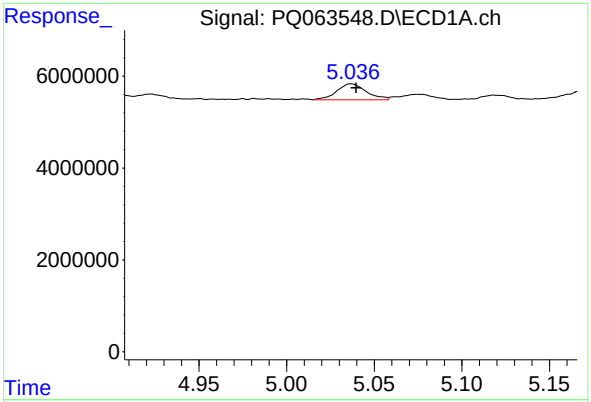

#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 3494524
Conc: 24.43 ng/ml




#22 AR-1248-2

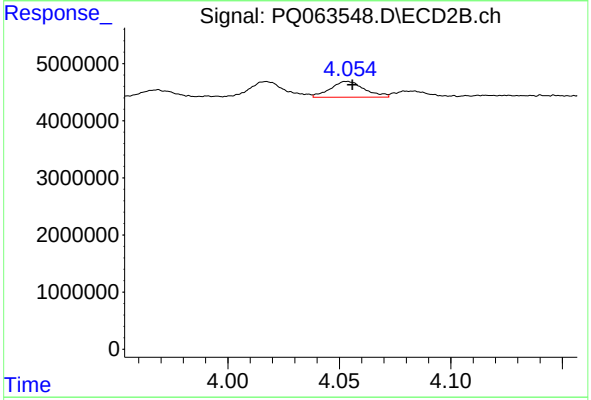
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 3079276
Conc: 25.72 ng/ml




#23 AR-1248-3

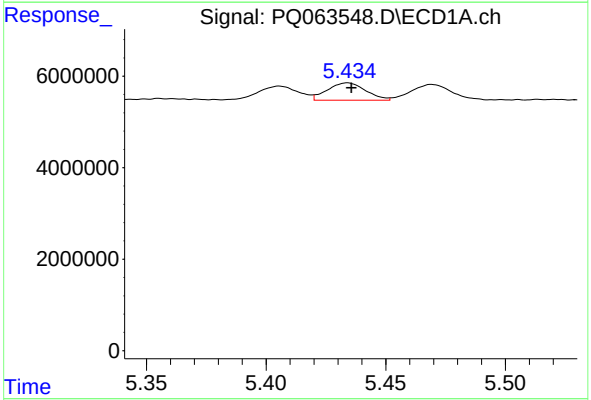
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 4062566
Conc: 23.62 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT4-2023



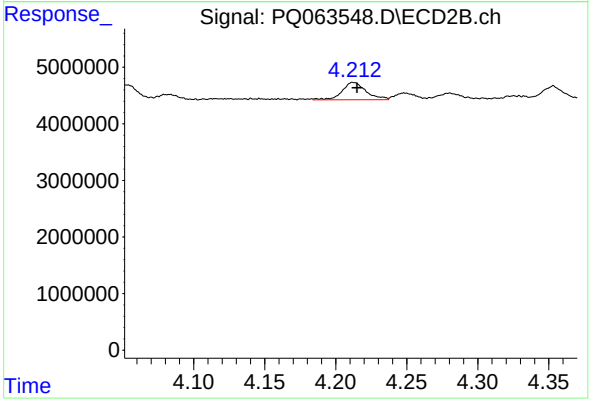

#23 AR-1248-3

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 2938868
Conc: 25.63 ng/ml



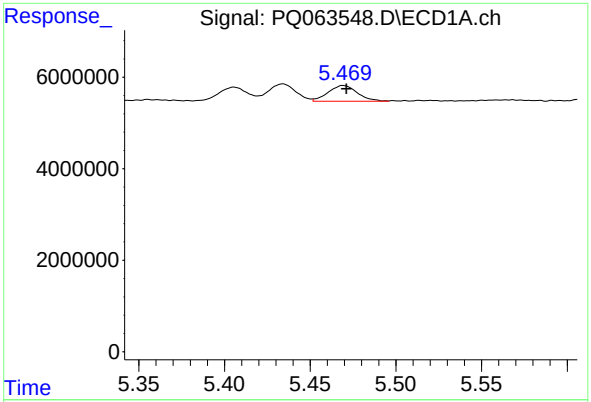

#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 4235118
Conc: 22.15 ng/ml




#24 AR-1248-4

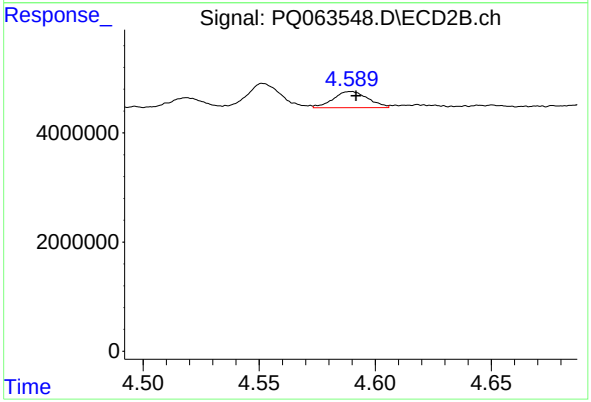
R.T.: 4.212 min
Delta R.T.: -0.003 min
Response: 3607385
Conc: 25.58 ng/ml




#25 AR-1248-5

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 4105568
Conc: 22.07 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT4-2023




#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 3103035
Conc: 22.46 ng/ml