Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101619\
Data File : PO062043.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Oct 2019 12:26
Operator : HP/AJ
Sample : K5111-07
Misc : AR1268-LOD-25PPB-WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 13:18:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.323 | 3.482 | 1170539 | 833323 | 18.926 | 19.433 |
| 2) | SA Decachlor... | 9.953 | 8.336 | 1317150 | 670080 | 23.540 | 22.837 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.524 | 7.284 | 252535 | 155041 | 33.360 | 33.107 |
| 42) | L9 AR-1268-2 | 8.615 | 7.348 | 220682 | 146178 | 31.415 | 34.989 |
| 43) | L9 AR-1268-3 | 8.831 | 7.549 | 188514 | 114894 | 31.448 | 32.974 |
| 44) | L9 AR-1268-4 | 9.241 | 7.836 | 80134 | 46943 | 33.726 | 32.945 |
| 45) | L9 AR-1268-5 | 9.633 | 8.106 | 553938 | 299248 | 30.734 | 32.324 |

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

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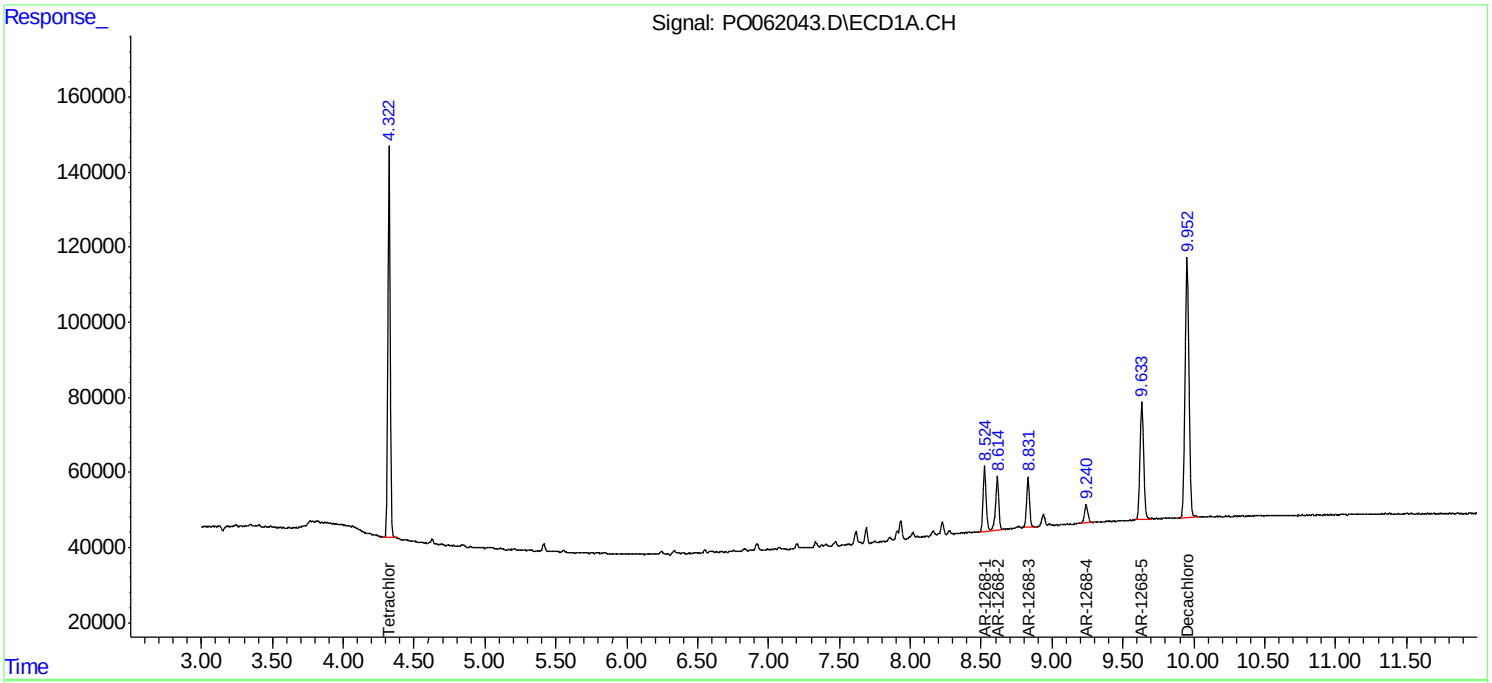
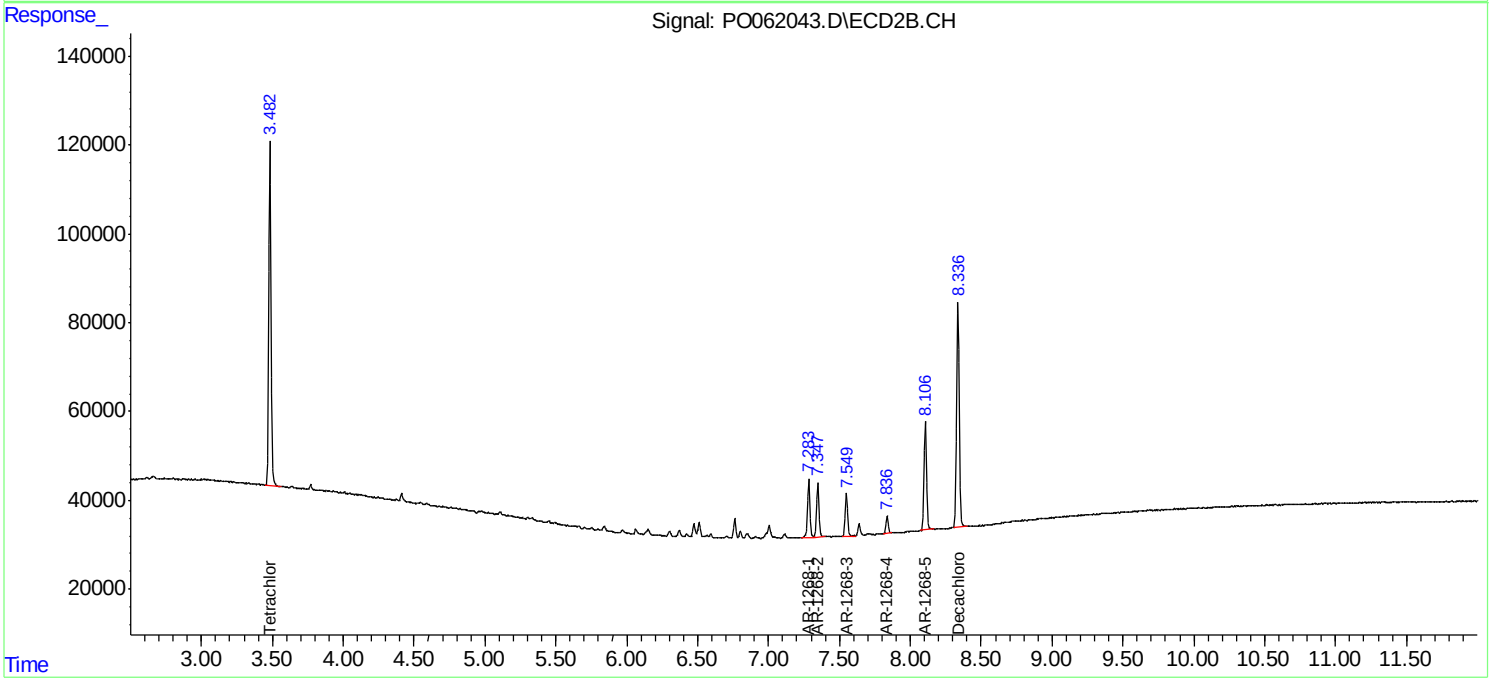
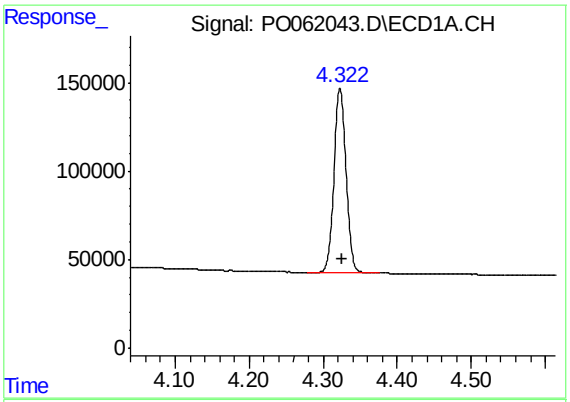


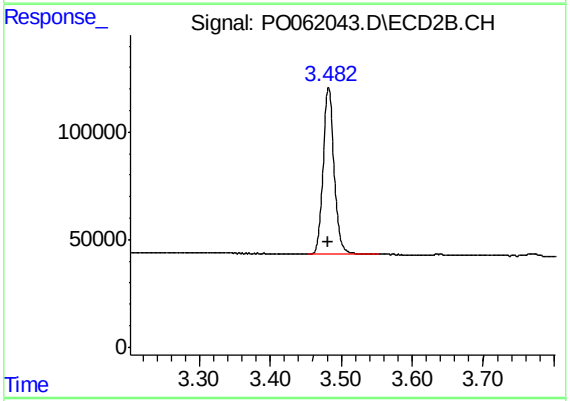






#1 Tetrachloro-m-xylene

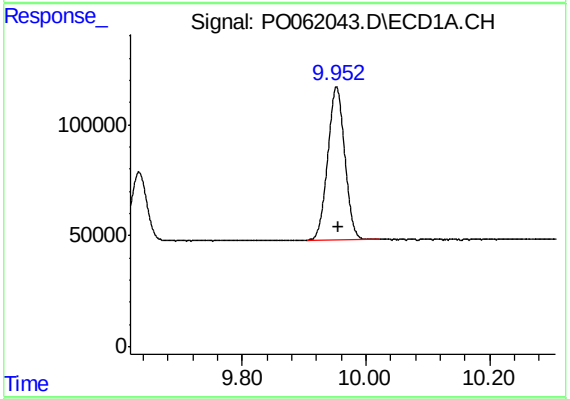
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 1170539
Conc: 18.93 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



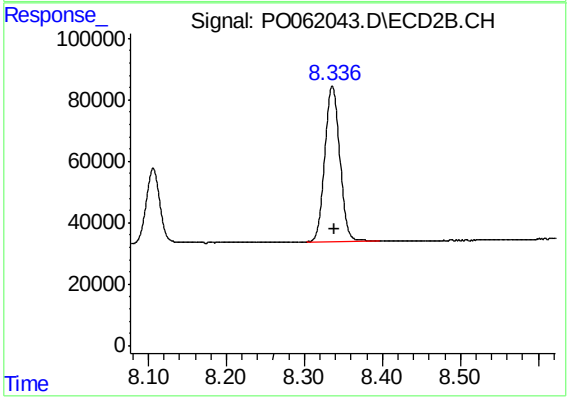

#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 833323
Conc: 19.43 ng/ml



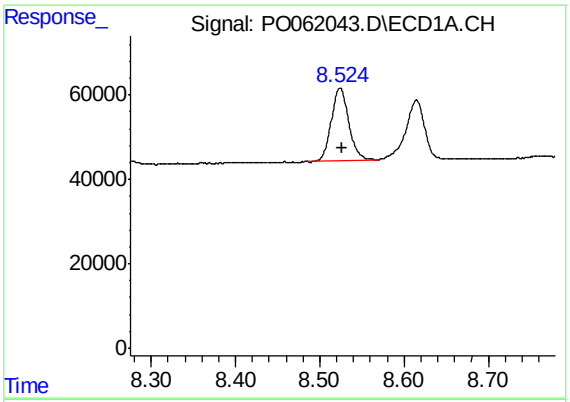

#2 Decachlorobiphenyl

R.T.: 9.953 min
Delta R.T.: -0.004 min
Response: 1317150
Conc: 23.54 ng/ml




#2 Decachlorobiphenyl

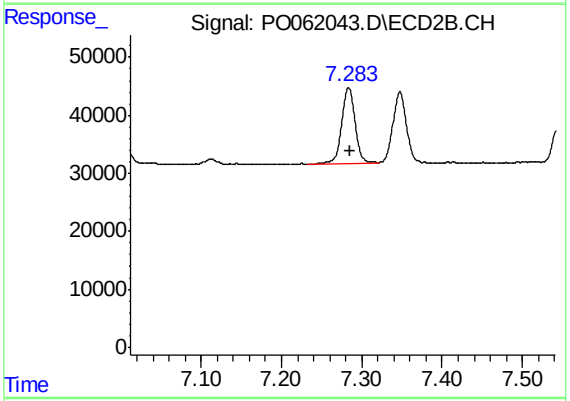
R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 670080
Conc: 22.84 ng/ml




#41 AR-1268-1

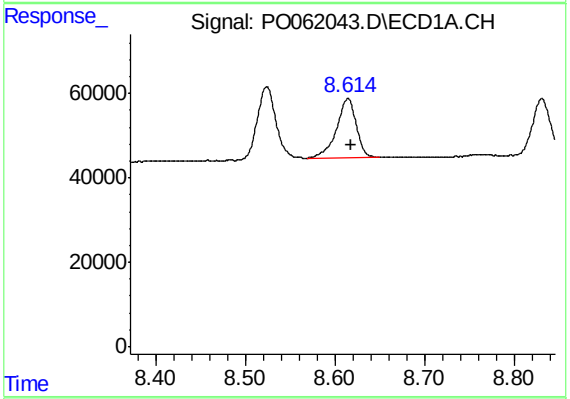
R.T.: 8.524 min
Delta R.T.: -0.003 min
Response: 252535
Conc: 33.36 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



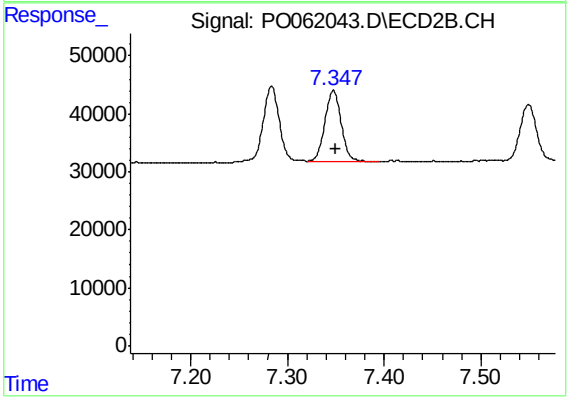

#41 AR-1268-1

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 155041
Conc: 33.11 ng/ml



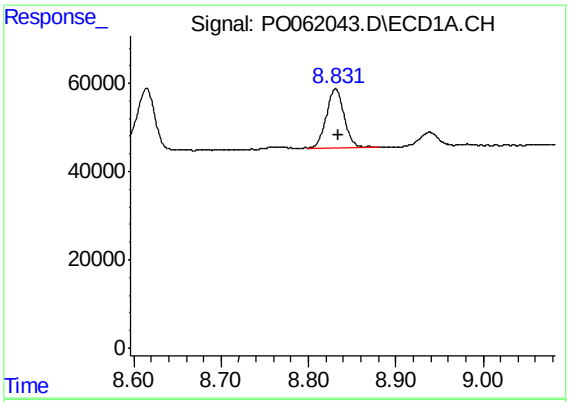

#42 AR-1268-2

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 220682
Conc: 31.41 ng/ml




#42 AR-1268-2

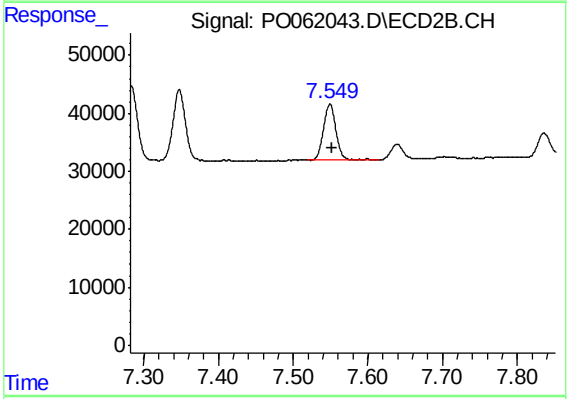
R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 146178
Conc: 34.99 ng/ml




#43 AR-1268-3

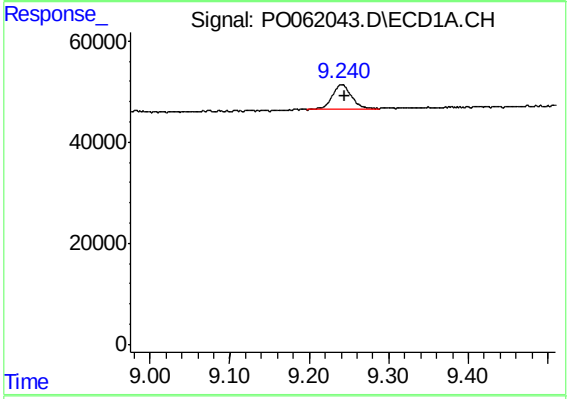
R.T.: 8.831 min
Delta R.T.: -0.003 min
Response: 188514
Conc: 31.45 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



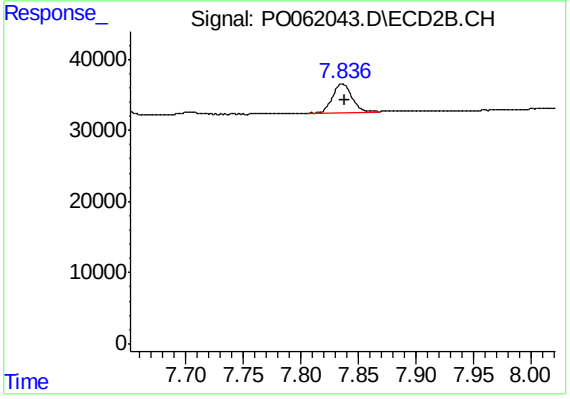

#43 AR-1268-3

R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 114894
Conc: 32.97 ng/ml



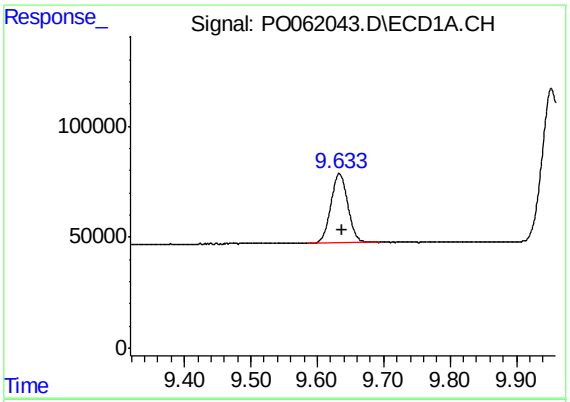

#44 AR-1268-4

R.T.: 9.241 min
Delta R.T.: -0.005 min
Response: 80134
Conc: 33.73 ng/ml




#44 AR-1268-4

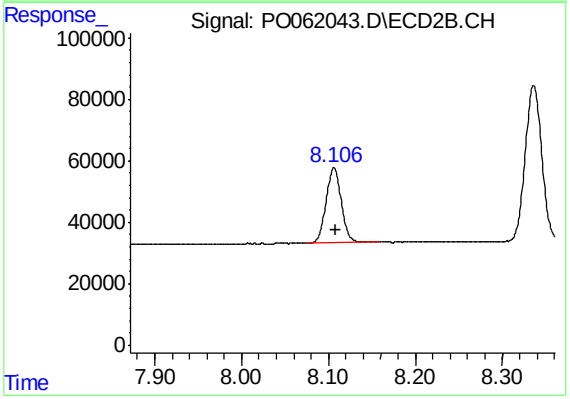
R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 46943
Conc: 32.95 ng/ml




#45 AR-1268-5

R.T.: 9.633 min
Delta R.T.: -0.004 min
Response: 553938
Conc: 30.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019




#45 AR-1268-5

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 299248
Conc: 32.32 ng/ml