Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120121\
Data File : PO083363.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Dec 2021 4:16
Operator : AJ\MA
Sample : M4068-07
Misc : AR1262 MDL 40 PPB
ALS Vial : 55 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 05:22:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 20 02:49:51 2021
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... | 4.946 | 3.948 | 1954686 | 665585 | 22.273 | 21.835 |
| 2) | SA Decachlor... | 11.031 | 9.251 | 1582569 | 719480 | 24.067 | 23.933 |
| | Target Compounds | | | | | | |
| 36) | L8 AR-1262-1 | 8.614 | 7.327 | 171222 | 56306 | 45.913m | 46.215 |
| 37) | L8 AR-1262-2 | 9.178 | 7.880 | 304606 | 198577 | 47.338 | 43.955 |
| 38) | L8 AR-1262-3 | 9.493 | 8.167 | 119088 | 80572 | 39.152m | 43.054m |
| 39) | L8 AR-1262-4 | 9.590 | 8.231 | 86006 | 135369 | 45.439m | 42.743 |
| 40) | L8 AR-1262-5 | 10.269 | 8.731 | 108418 | 61162 | 43.449 | 41.252 |

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

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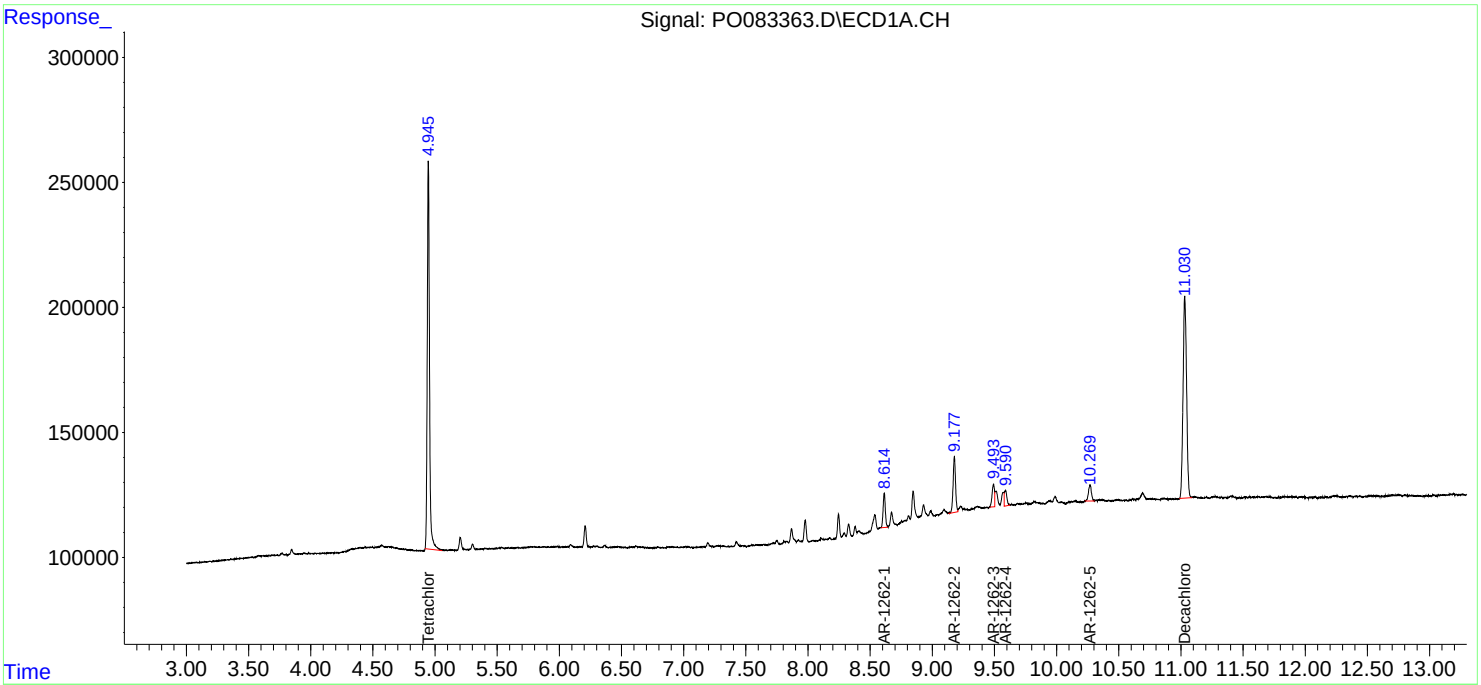
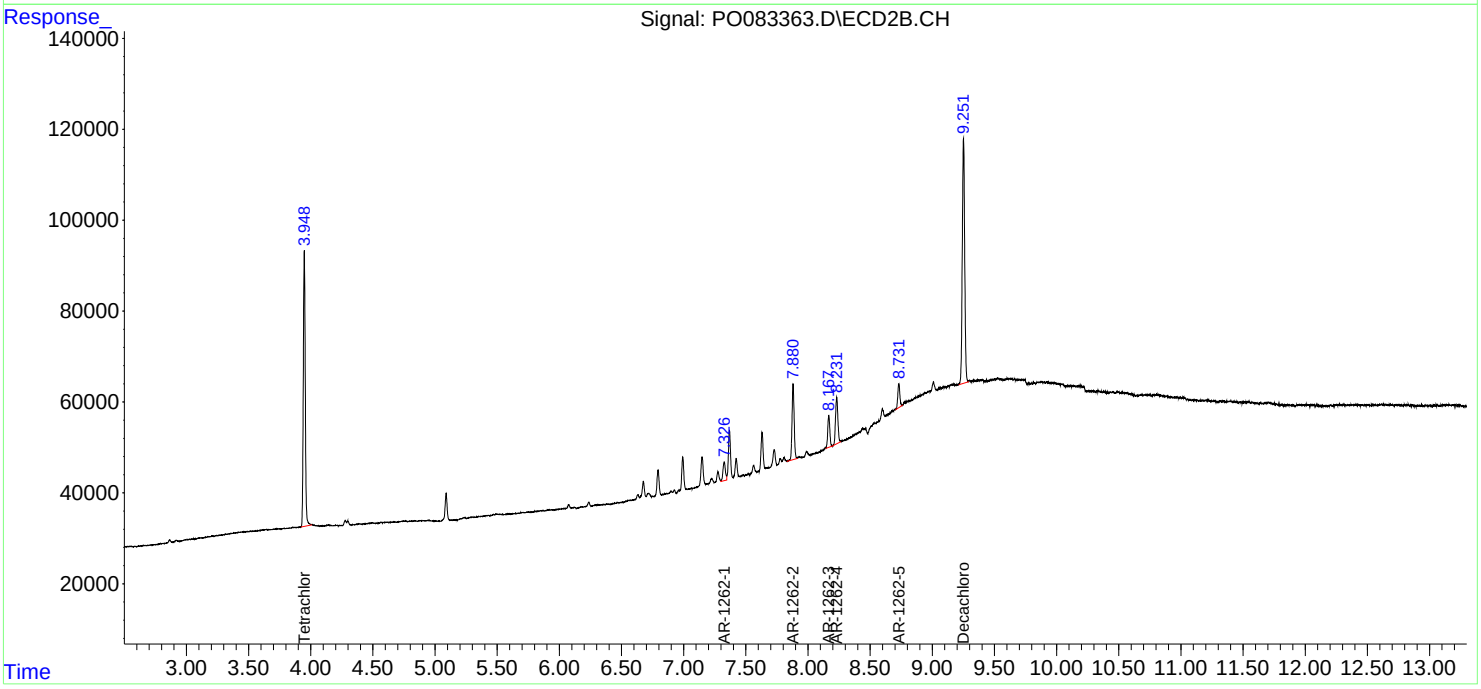
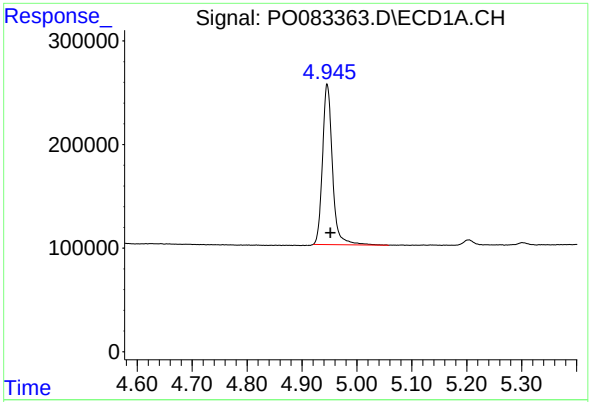


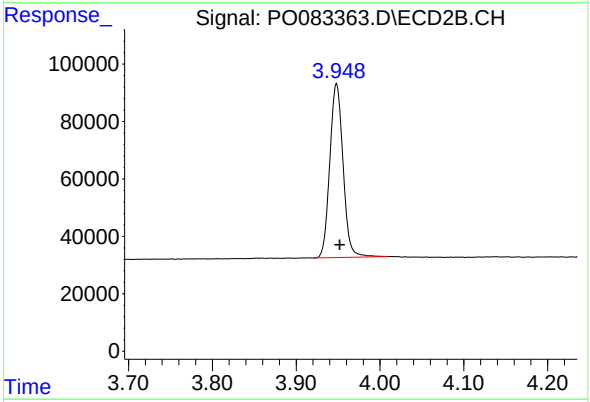






#1 Tetrachloro-m-xylene

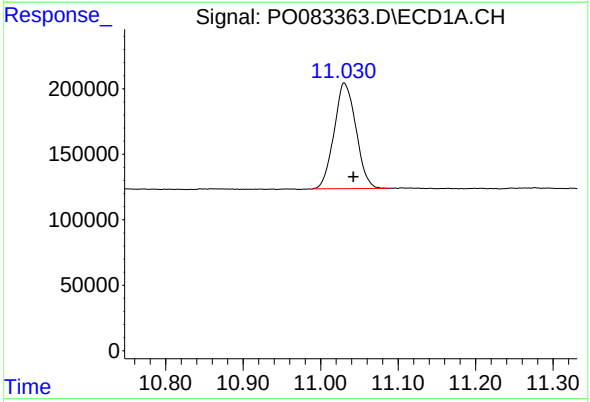
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 1954686
Conc: 22.27 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2021



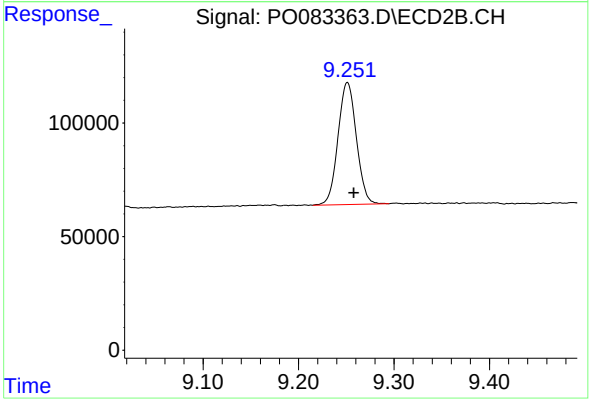

#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 665585
Conc: 21.84 ng/ml



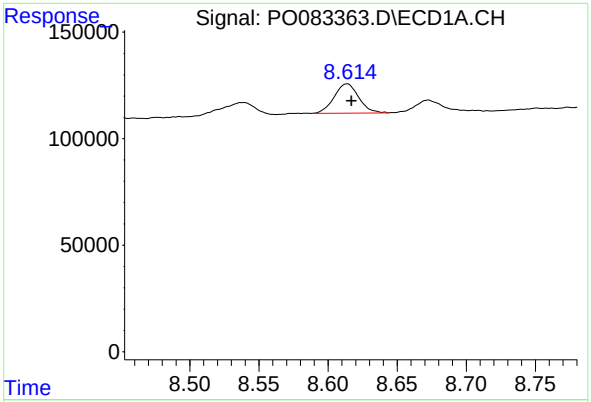

#2 Decachlorobiphenyl

R.T.: 11.031 min
Delta R.T.: -0.012 min
Response: 1582569
Conc: 24.07 ng/ml




#2 Decachlorobiphenyl

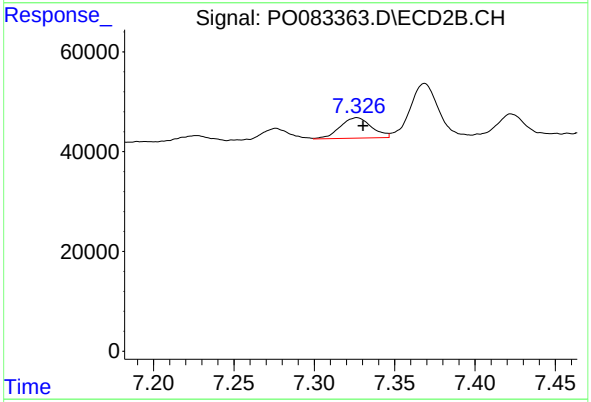
R.T.: 9.251 min
Delta R.T.: -0.007 min
Response: 719480
Conc: 23.93 ng/ml




#36 AR-1262-1

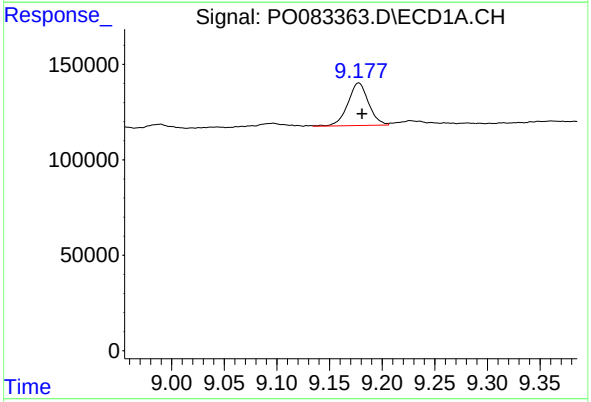
R.T.: 8.614 min
Delta R.T.: -0.003 min
Response: 171222
Conc: 45.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2021



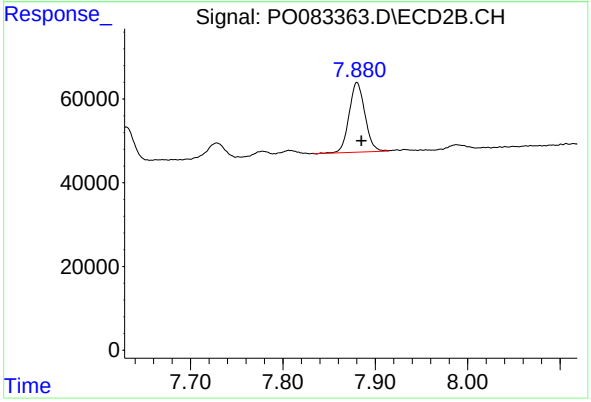

#36 AR-1262-1

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 56306
Conc: 46.21 ng/ml



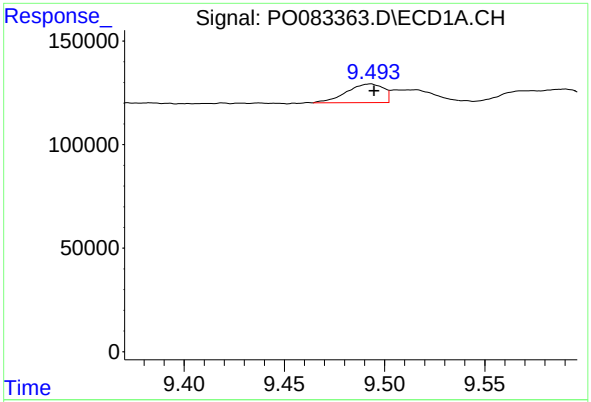

#37 AR-1262-2

R.T.: 9.178 min
Delta R.T.: -0.003 min
Response: 304606
Conc: 47.34 ng/ml




#37 AR-1262-2

R.T.: 7.880 min
Delta R.T.: -0.005 min
Response: 198577
Conc: 43.96 ng/ml




#38 AR-1262-3

R.T.: 9.493 min
Delta R.T.: -0.002 min
Response: 119088
Conc: 39.15 ng/ml

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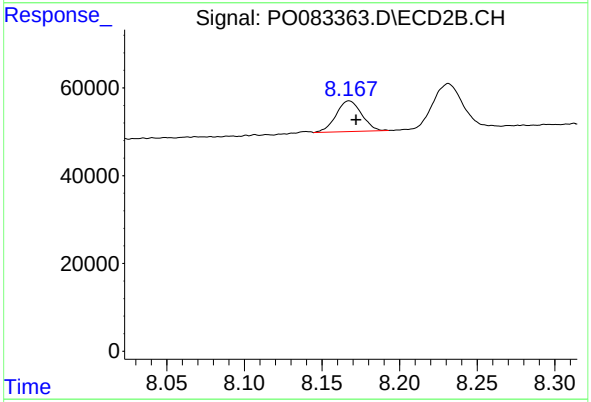
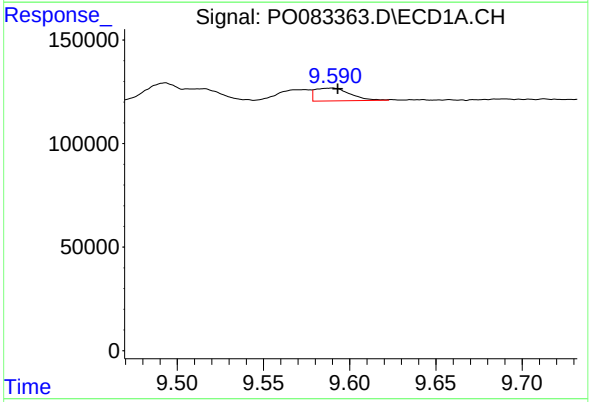


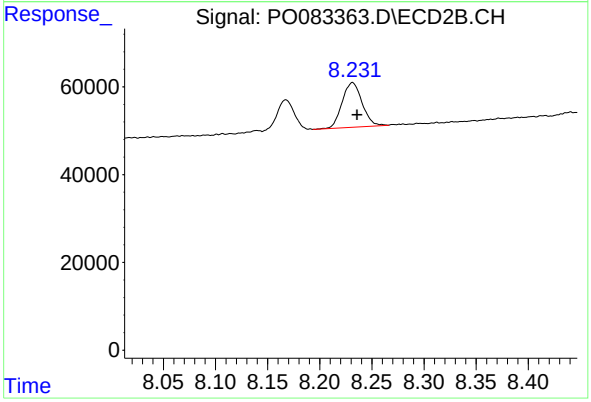

#38 AR-1262-3

R.T.: 8.167 min
Delta R.T.: -0.005 min
Response: 80572
Conc: 43.05 ng/ml m



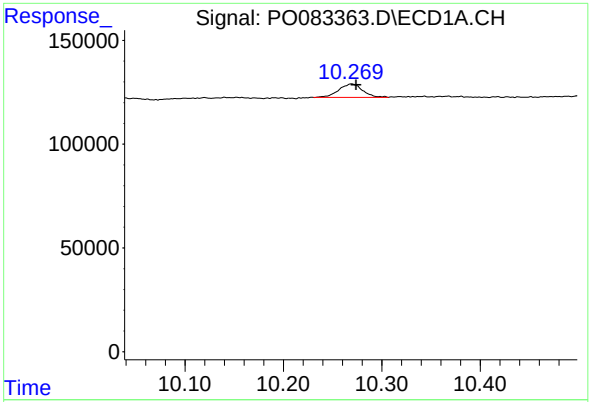

#39 AR-1262-4

R.T.: 9.590 min
Delta R.T.: -0.003 min
Response: 86006
Conc: 45.44 ng/ml m




#39 AR-1262-4

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 135369
Conc: 42.74 ng/ml




#40 AR-1262-5

R.T.: 10.269 min
Delta R.T.: -0.005 min
Response: 108418
Conc: 43.45 ng/ml

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ECD_O
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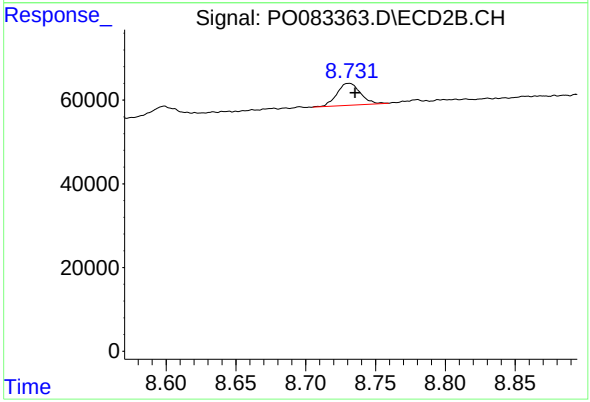


#40 AR-1262-5

R.T.: 8.731 min
Delta R.T.: -0.004 min
Response: 61162
Conc: 41.25 ng/ml