Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040919\
Data File : PR037029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2019 19:52
Operator : SM\SJ
Sample : K1560-07
Misc : AR1221 LOD 40PPB
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
ECD_R
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
mohammad
4/11/2019 3:39:51 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 08:58:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040219.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 03 03:09:33 2019
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... | 4.407 | 3.489 | 23452761 | 91812452 | 14.721 | 15.673 |
| 2) | SA Decachlor... | 10.036 | 8.322 | 37928957 | 170.1E6 | 20.245 | 21.314 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.608 | 3.692 | 538732 | 2007685 | 30.285m | 32.693m |
| 9) | L2 AR-1221-2 | 4.703 | 3.773 | 734754 | 2325379 | 54.414m | 51.422 |
| 10) | L2 AR-1221-3 | 4.773 | 3.845 | 1375406 | 4298812 | 31.916m | 28.555 |

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

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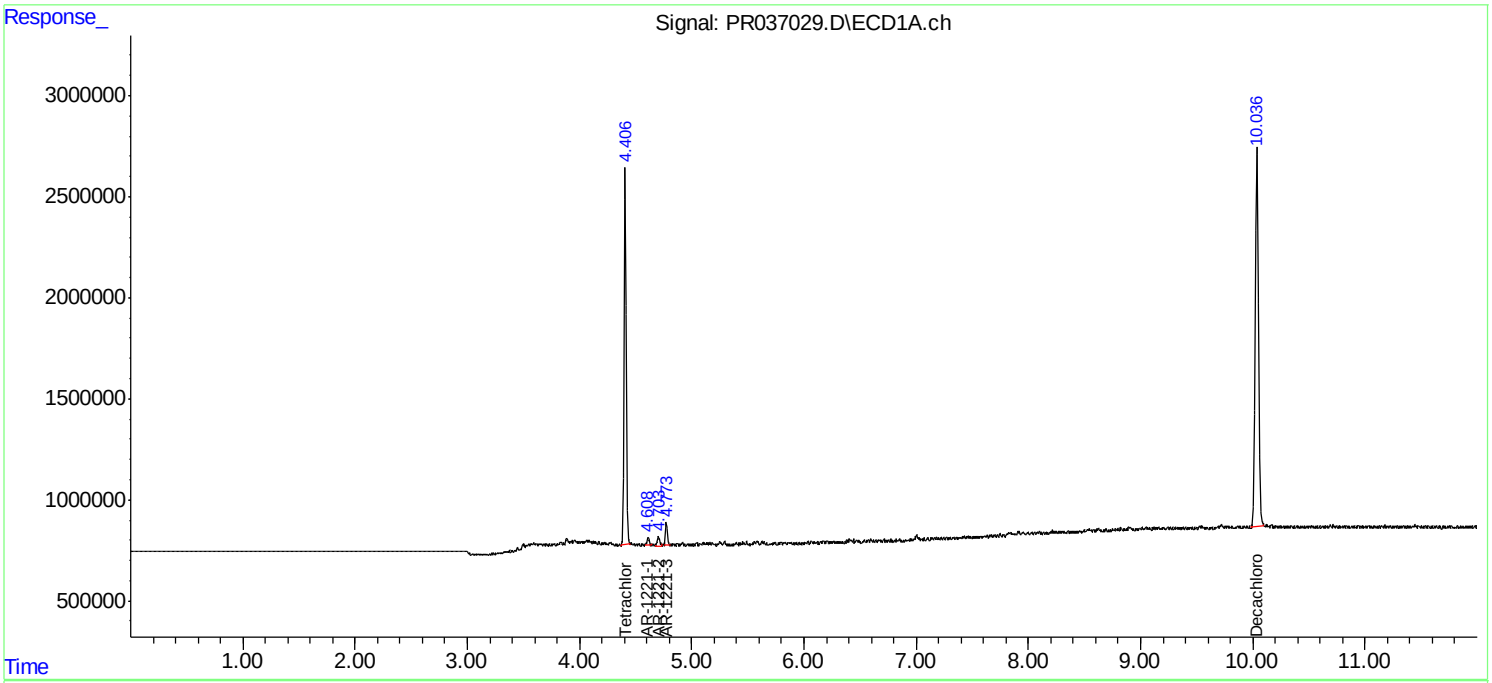


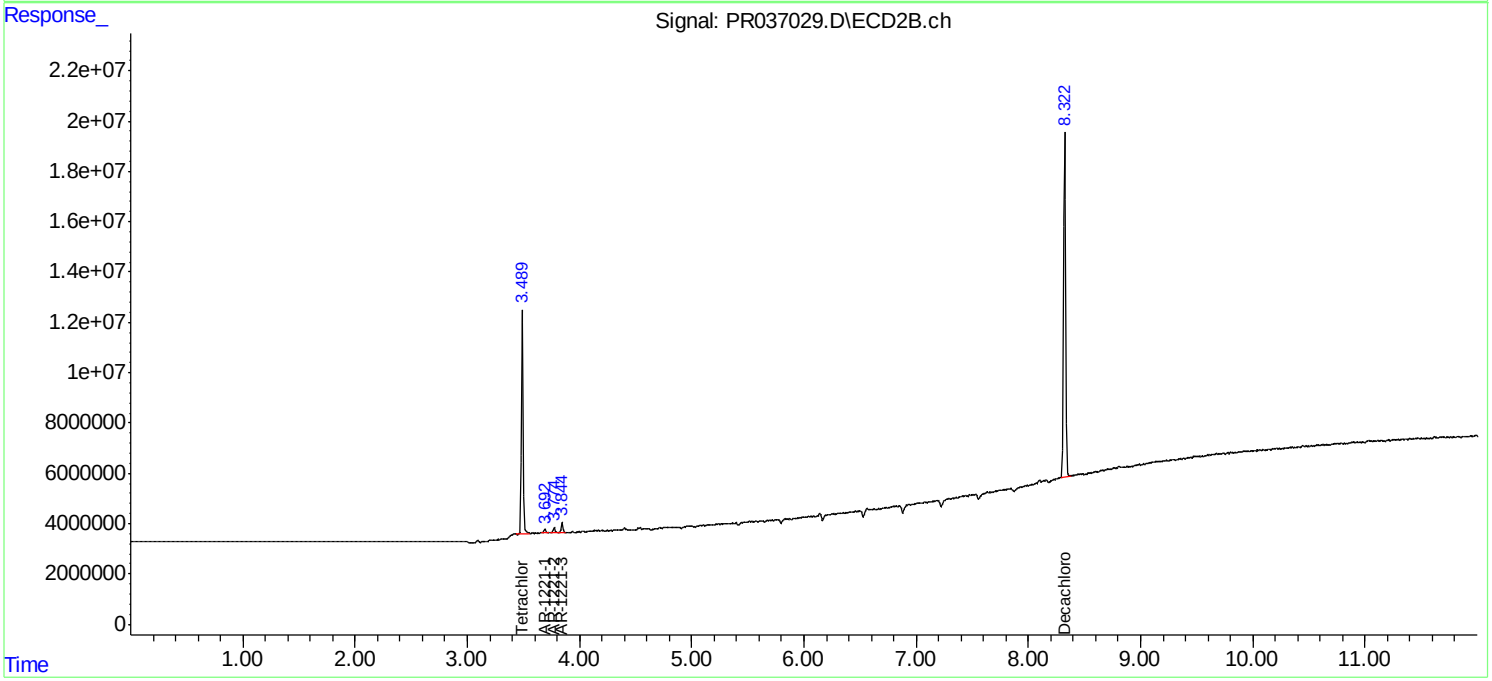

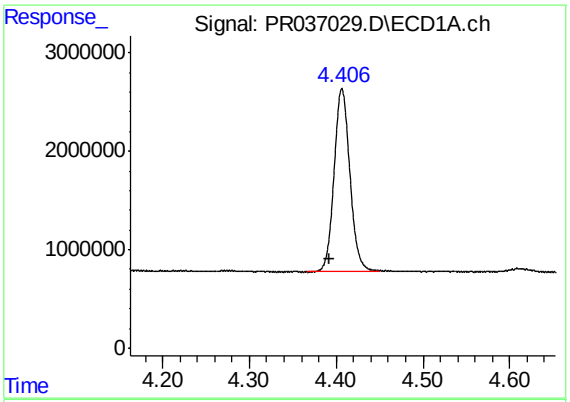


#1 Tetrachloro-m-xylene

R.T.: 4.407 min
Delta R.T.: 0.015 min
Response: 23452761
Conc: 14.72 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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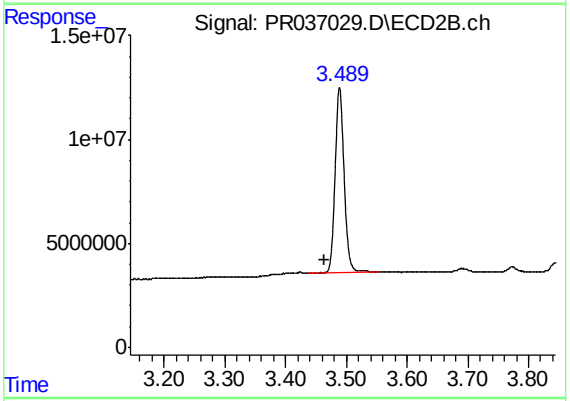
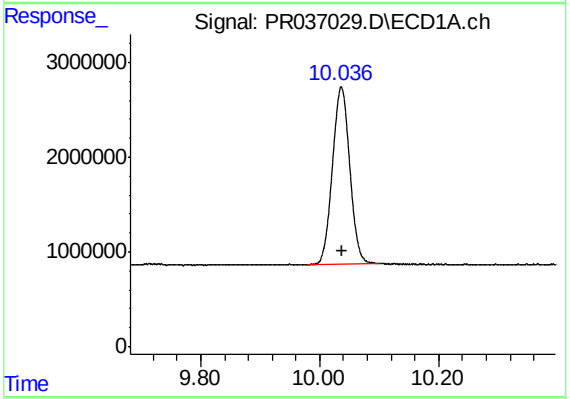


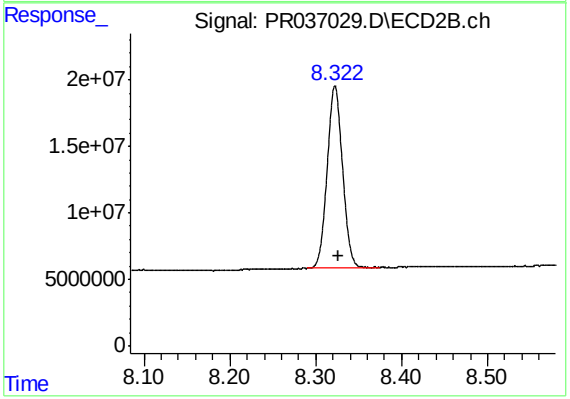

#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.026 min
Response: 91812452
Conc: 15.67 ng/ml



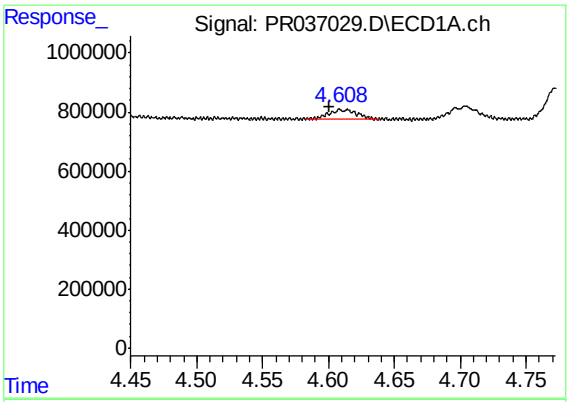

#2 Decachlorobiphenyl

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 37928957
Conc: 20.24 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.322 min
Delta R.T.: -0.003 min
Response: 170135134
Conc: 21.31 ng/ml




#8 AR-1221-1

R.T.: 4.608 min
Delta R.T.: 0.007 min
Response: 538732
Conc: 30.28 ng/ml m

**Instrument :**
ECD_R
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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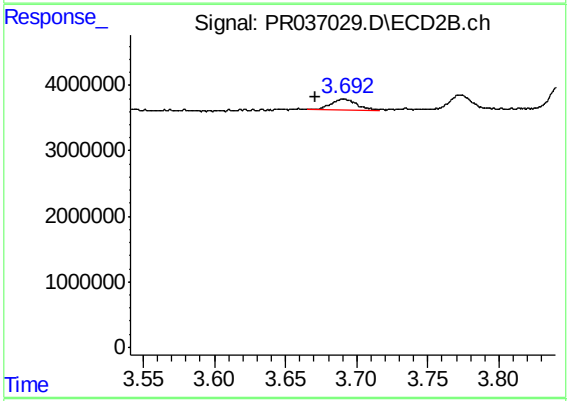
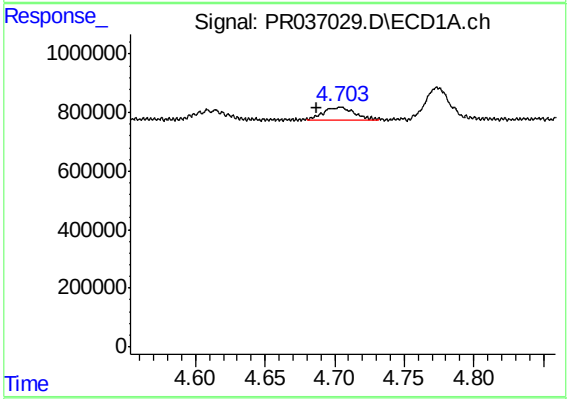


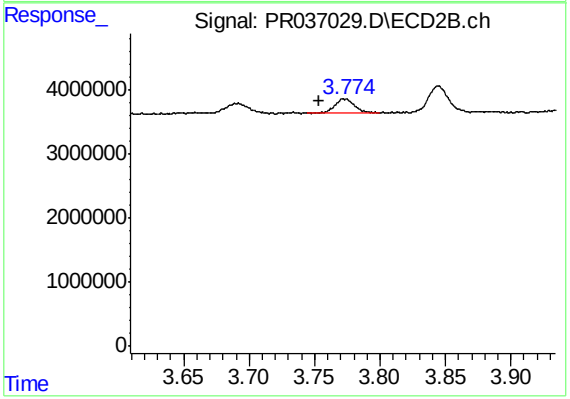

#8 AR-1221-1

R.T.: 3.692 min
Delta R.T.: 0.021 min
Response: 2007685
Conc: 32.69 ng/ml m



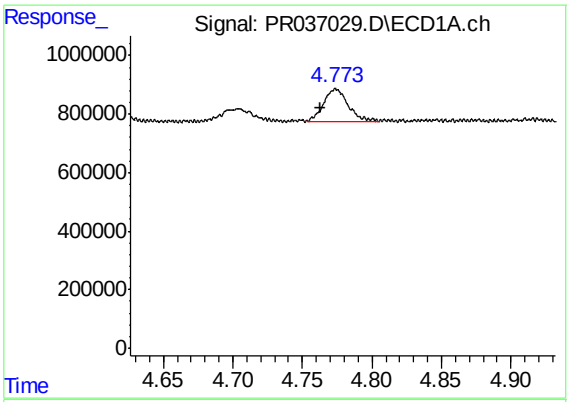

#9 AR-1221-2

R.T.: 4.703 min
Delta R.T.: 0.016 min
Response: 734754
Conc: 54.41 ng/ml m




#9 AR-1221-2

R.T.: 3.773 min
Delta R.T.: 0.019 min
Response: 2325379
Conc: 51.42 ng/ml




#10 AR-1221-3

R.T.: 4.773 min
Delta R.T.: 0.010 min
Response: 1375406
Conc: 31.92 ng/ml m

**Instrument :**
ECD_R
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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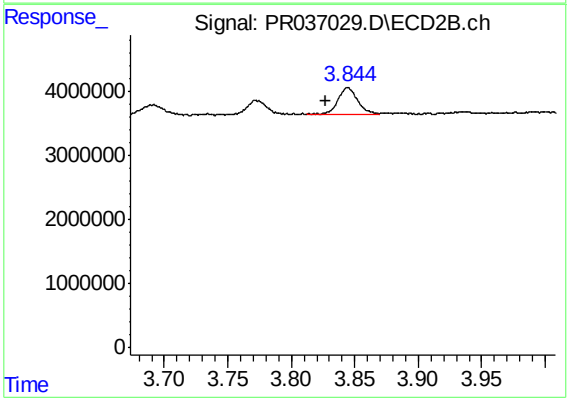
4/11/2019 3:39:51 PM




#10 AR-1221-3

R.T.: 3.845 min
Delta R.T.: 0.018 min
Response: 4298812
Conc: 28.55 ng/ml