Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO032421\
Data File : PO076514.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Mar 2021 8:54
Operator : DD\AJ
Sample : M1458-07
Misc : AR1221 LOD 40 PPB
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2021

**Manual Integrations APPROVED**
Ankita
3/24/2021 4:00:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 14:19:52 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 24 05:38:14 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... | 4.917 | 3.928 | 1412690 | 844579 | 16.130 | 15.397 |
| 2) | SA Decachlor... | 10.891 | 9.185 | 1104794 | 787212 | 16.972 | 16.706 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 5.169 | 4.184 | 31407 | 17692 | 35.696 | 30.459m |
| 9) | L2 AR-1221-2 | 5.269 | 4.283 | 46837 | 20073 | 69.163 | 46.583 # |
| 10) | L2 AR-1221-3 | 5.355 | 4.373 | 109647 | 50848 | 50.672 | 37.894 # |

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

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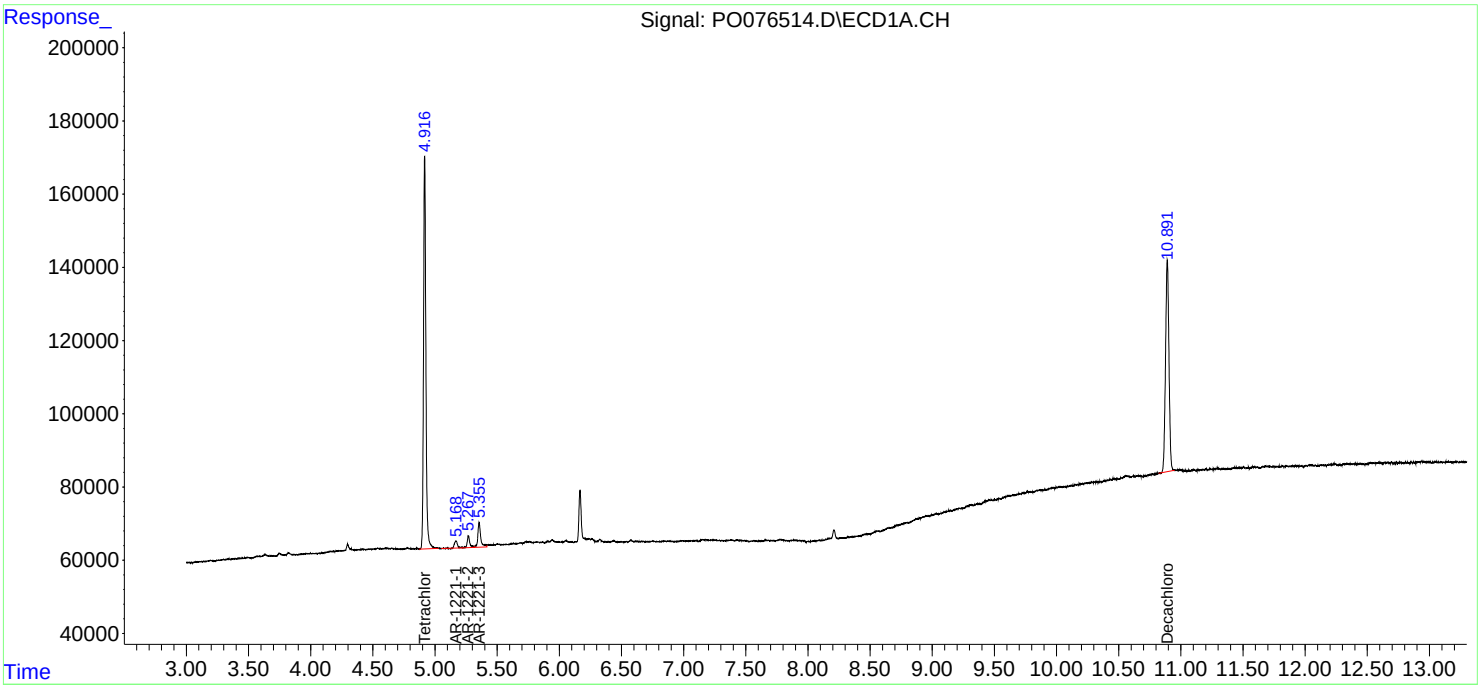


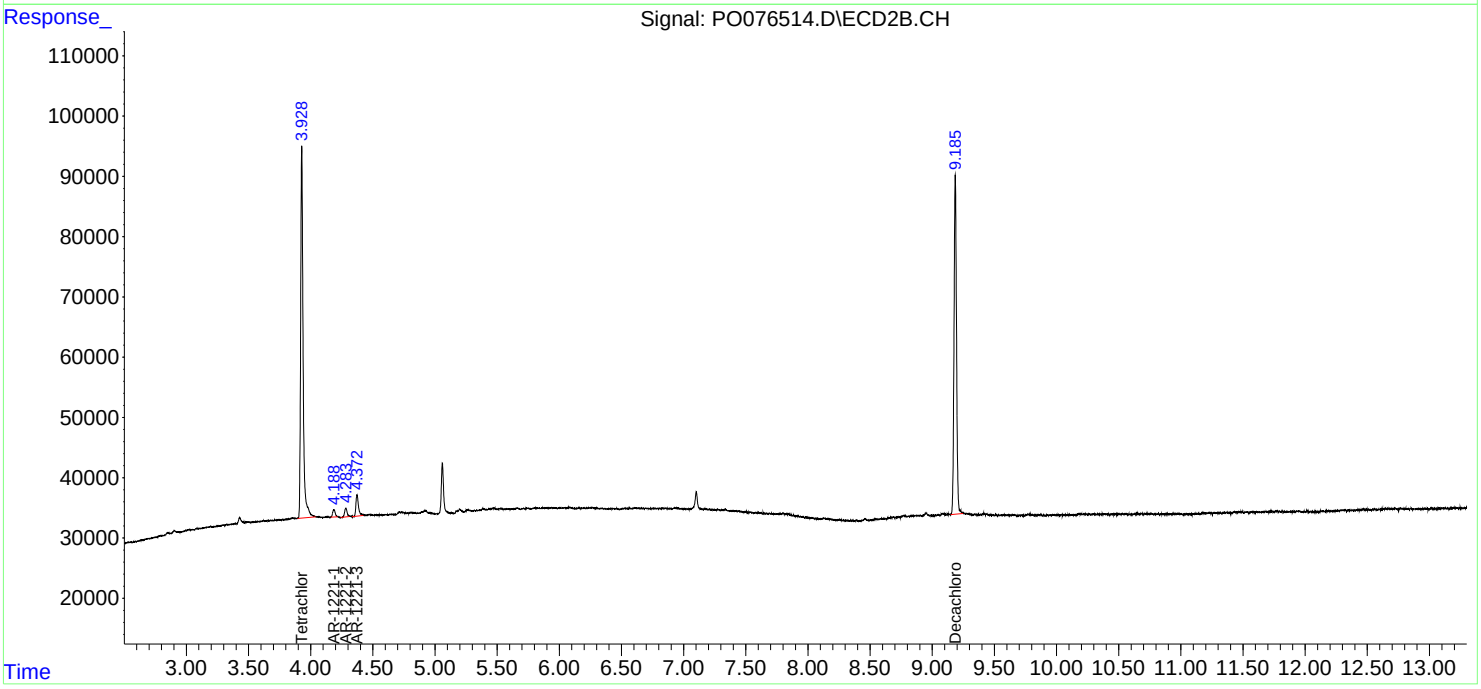

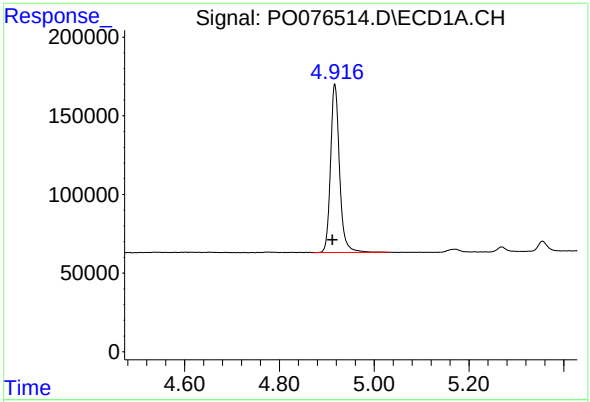


#1 Tetrachloro-m-xylene

R.T.: 4.917 min
Delta R.T.: 0.005 min
Response: 1412690
Conc: 16.13 ng/ml

**Instrument :**
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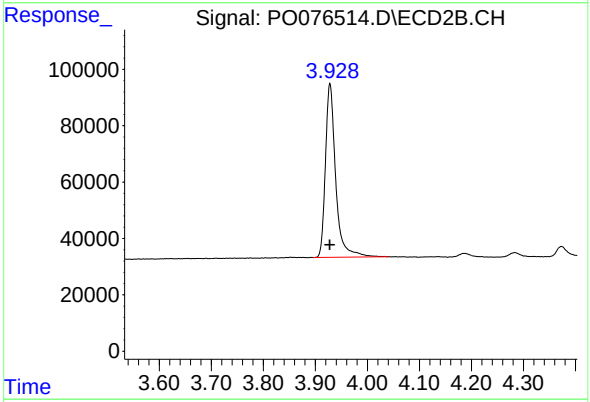
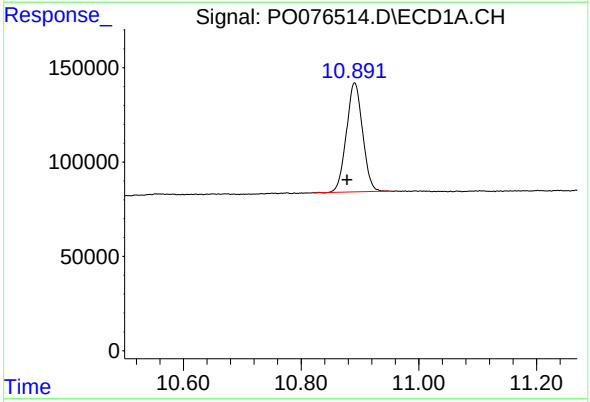


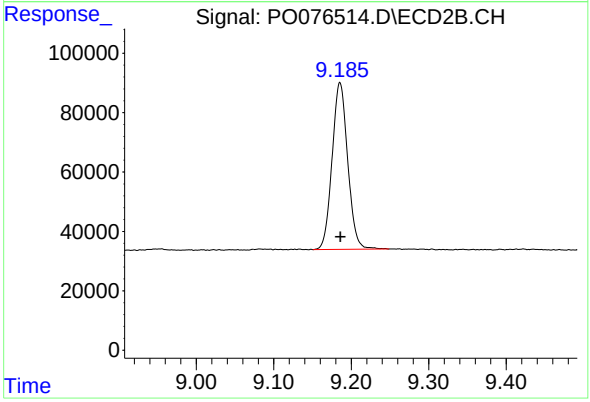

#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 844579
Conc: 15.40 ng/ml



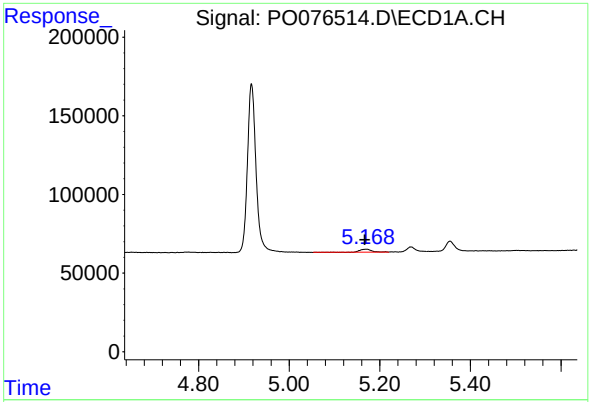

#2 Decachlorobiphenyl

R.T.: 10.891 min
Delta R.T.: 0.013 min
Response: 1104794
Conc: 16.97 ng/ml




#2 Decachlorobiphenyl

R.T.: 9.185 min
Delta R.T.: 0.000 min
Response: 787212
Conc: 16.71 ng/ml




#8 AR-1221-1

R.T.: 5.169 min
Delta R.T.: 0.003 min
Response: 31407
Conc: 35.70 ng/ml

**Instrument :**
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**Manual Integrations APPROVED**
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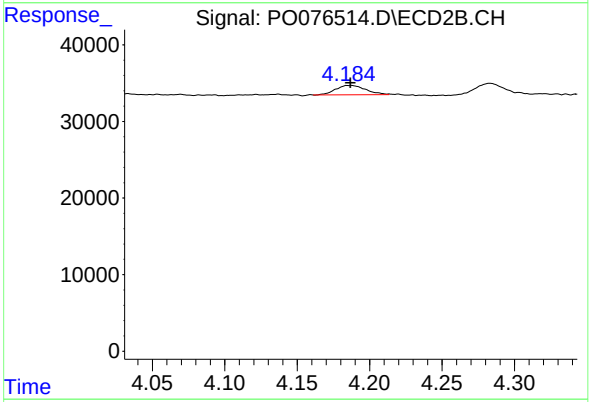
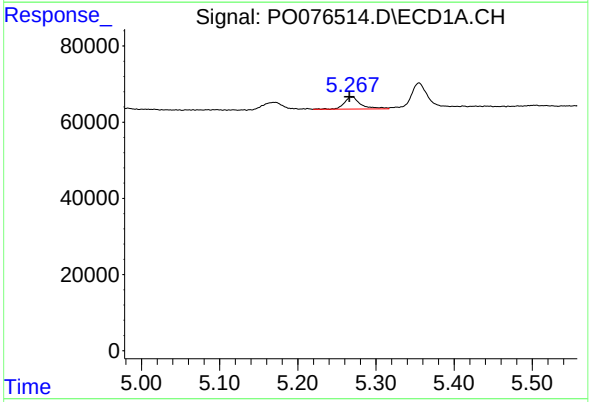


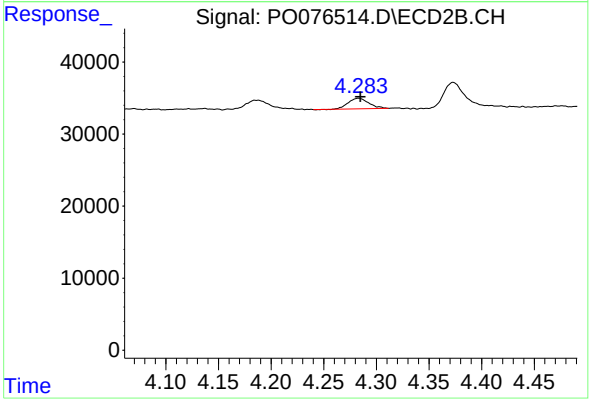

#8 AR-1221-1

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 17692
Conc: 30.46 ng/ml m



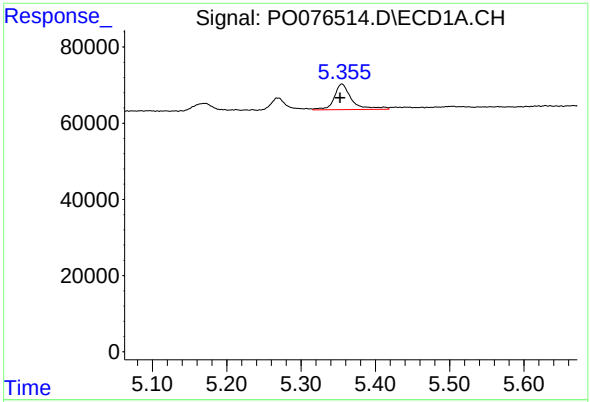

#9 AR-1221-2

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 46837
Conc: 69.16 ng/ml




#9 AR-1221-2

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 20073
Conc: 46.58 ng/ml




#10 AR-1221-3

R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 109647
Conc: 50.67 ng/ml

**Instrument :**
ECD_O
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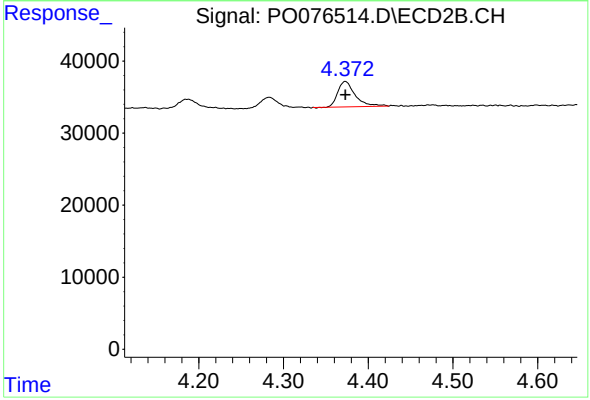


#10 AR-1221-3

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 50848
Conc: 37.89 ng/ml