Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022423\
Data File : PO092739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2023 01:45
Operator : YP/AJ
Sample : 01627-08
Misc : AR1221 LOQ 50 PPB
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT1-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:29:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022123.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 22 05:46:11 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... | 4.431 | 3.637 | 63906326 | 24996248 | 21.283 | 19.610 |
| 2) | SA Decachlor... | 10.262 | 8.670 | 45538932 | 23893208 | 23.675 | 20.502 |
| | Target Compounds | | | | | | |
| 8) | L2 AR-1221-1 | 4.641 | 3.852 | 1722847 | 747086 | 43.588 | 46.241 |
| 9) | L2 AR-1221-2 | 4.730 | 3.937 | 2032854 | 919275 | 70.651 | 75.930 |
| 10) | L2 AR-1221-3 | 4.805 | 4.013 | 4555420 | 1902013 | 51.725 | 51.082 |

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

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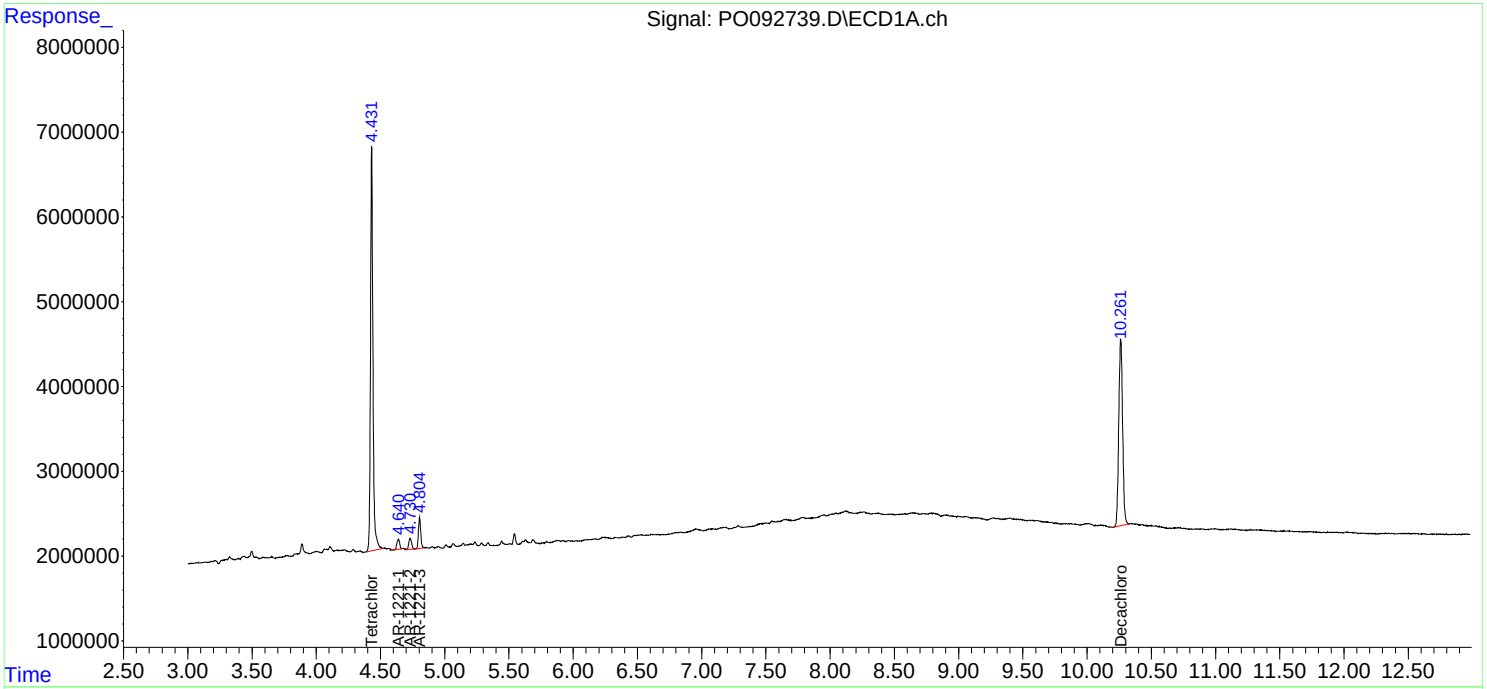
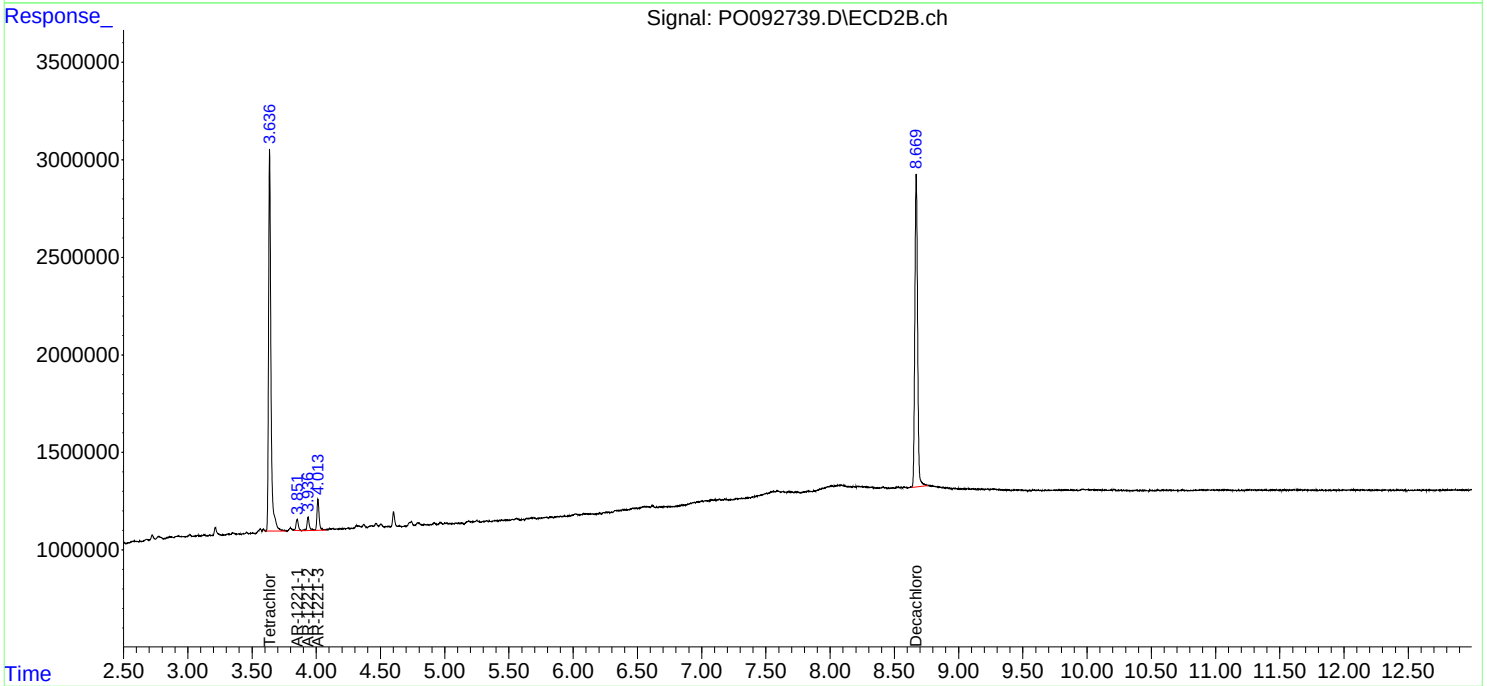
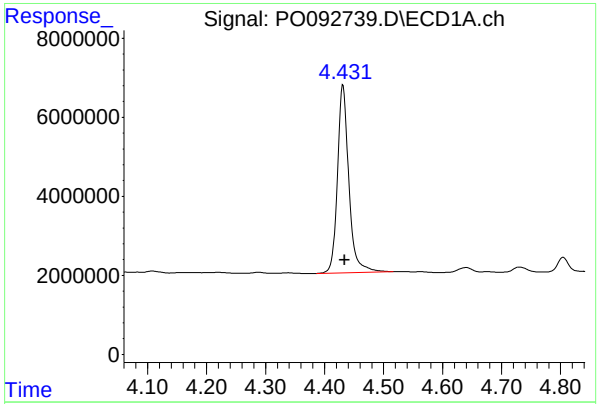


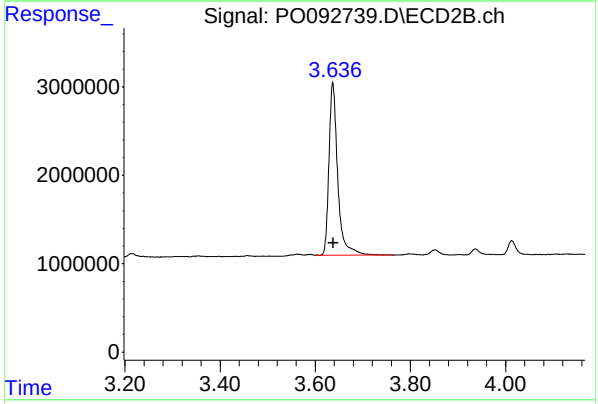






#1 Tetrachloro-m-xylene

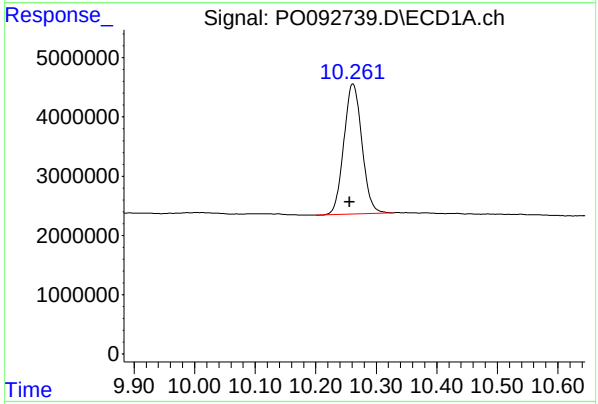
R.T.: 4.431 min
Delta R.T.: -0.003 min
Response: 63906326
Conc: 21.28 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT1-2023



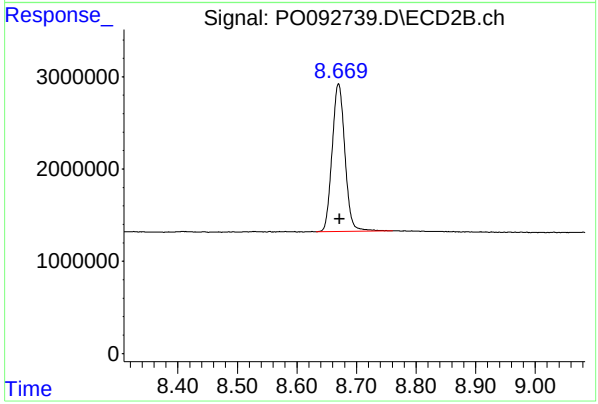

#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.001 min
Response: 24996248
Conc: 19.61 ng/ml



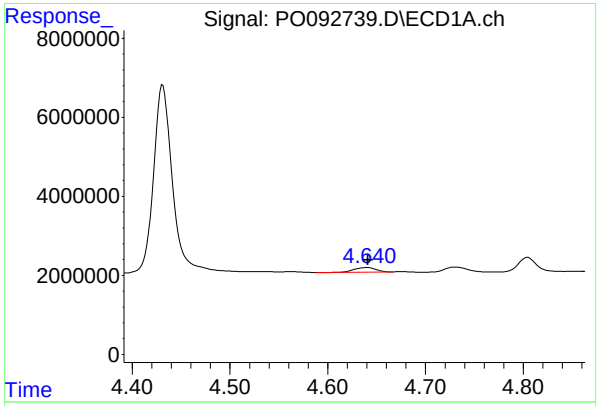

#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: 0.005 min
Response: 45538932
Conc: 23.68 ng/ml




#2 Decachlorobiphenyl

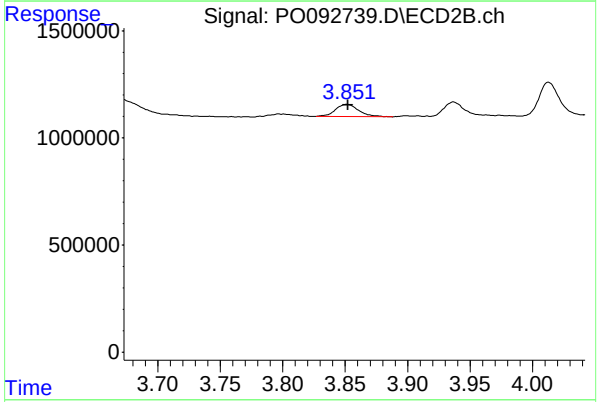
R.T.: 8.670 min
Delta R.T.: -0.002 min
Response: 23893208
Conc: 20.50 ng/ml




#8 AR-1221-1

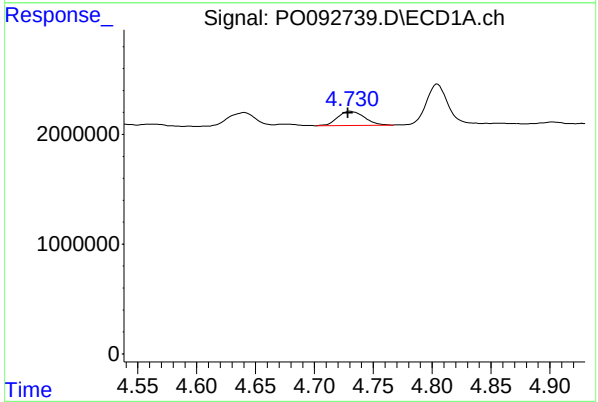
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 1722847
Conc: 43.59 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT1-2023



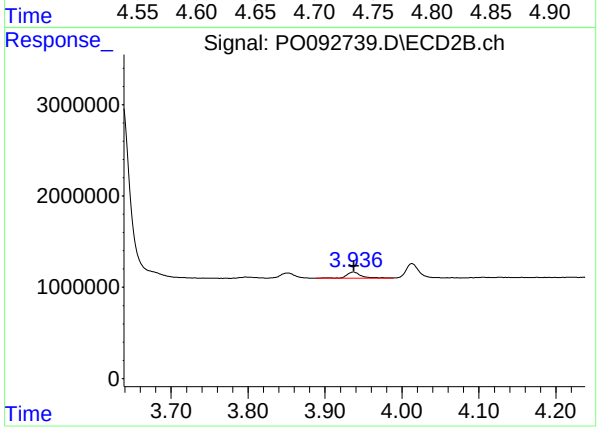

#8 AR-1221-1

R.T.: 3.852 min
Delta R.T.: 0.000 min
Response: 747086
Conc: 46.24 ng/ml



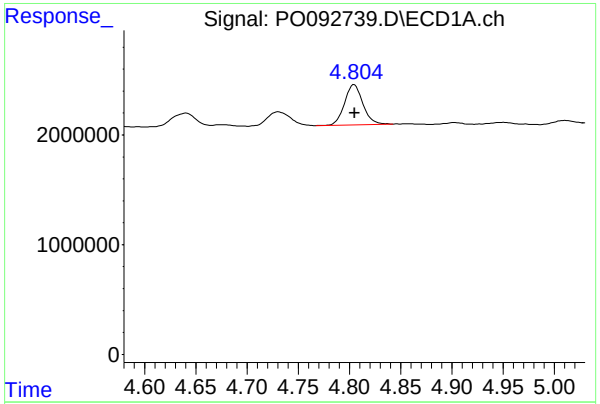

#9 AR-1221-2

R.T.: 4.730 min
Delta R.T.: 0.002 min
Response: 2032854
Conc: 70.65 ng/ml




#9 AR-1221-2

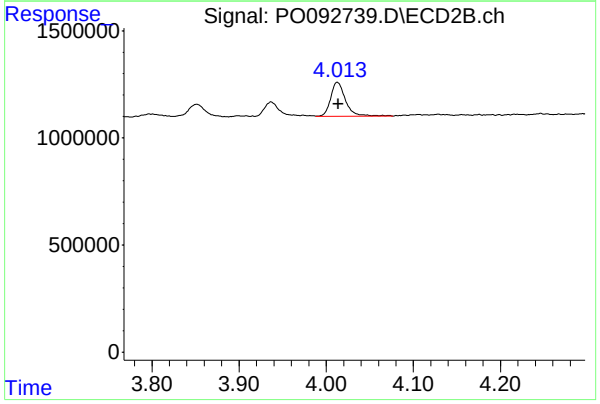
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 919275
Conc: 75.93 ng/ml




#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 4555420
Conc: 51.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT1-2023




#10 AR-1221-3

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1902013
Conc: 51.08 ng/ml