Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO012825\
Data File : PO109193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 02:25
Operator : YP/AJ
Sample : Q1168-07
Misc : AR1221 LOD 40 PPB
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 03:11:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO012125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 22 03:46:11 2025
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...	3.700	3.697	154.7E6	106.3E6	20.479	19.840
2)	SA Decachlor...	8.765	8.716	148.6E6	71376235	21.451	20.756
	Target Compounds						
8)	L2 AR-1221-1	3.914	3.909	4476320	2478431	44.718	37.845
9)	L2 AR-1221-2	4.002	3.996	5878033	4033384	78.998	81.668
10)	L2 AR-1221-3	4.077	4.070	8304346	5938583	39.922	40.910

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

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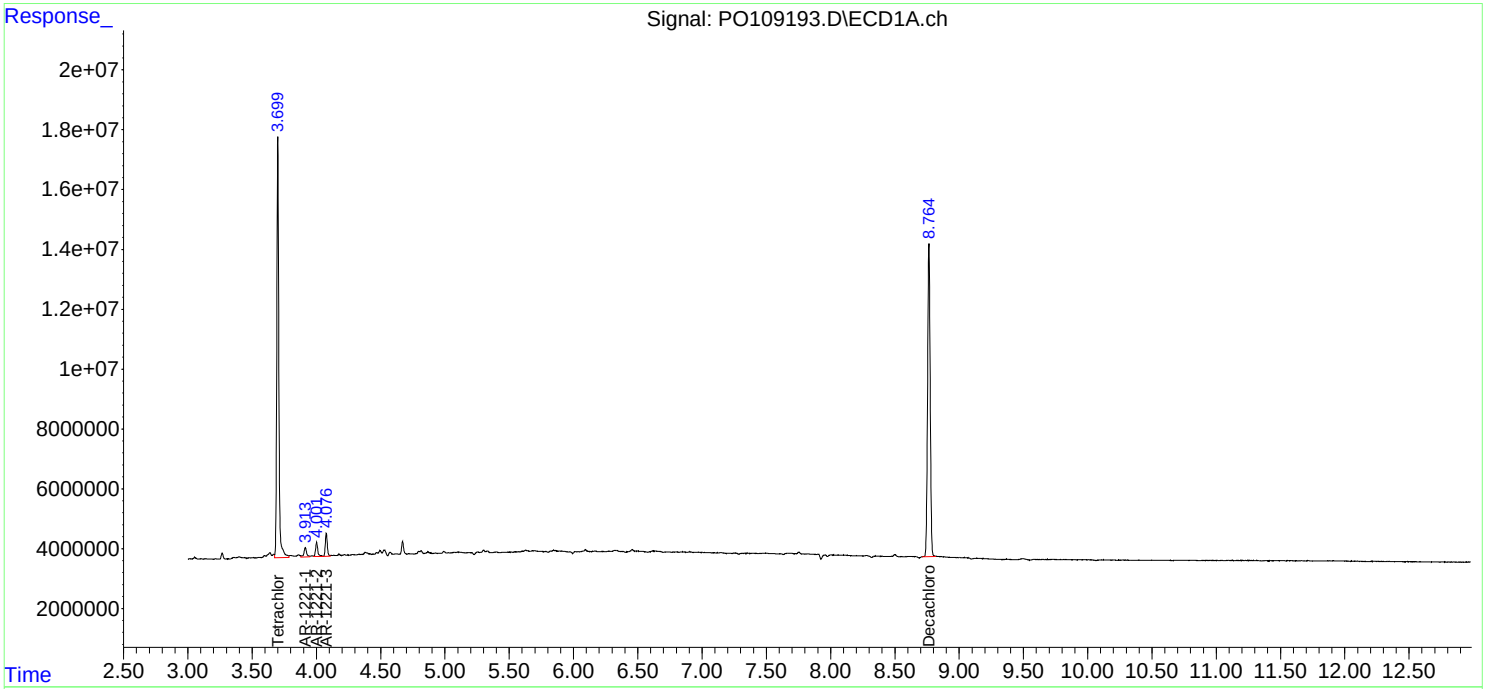
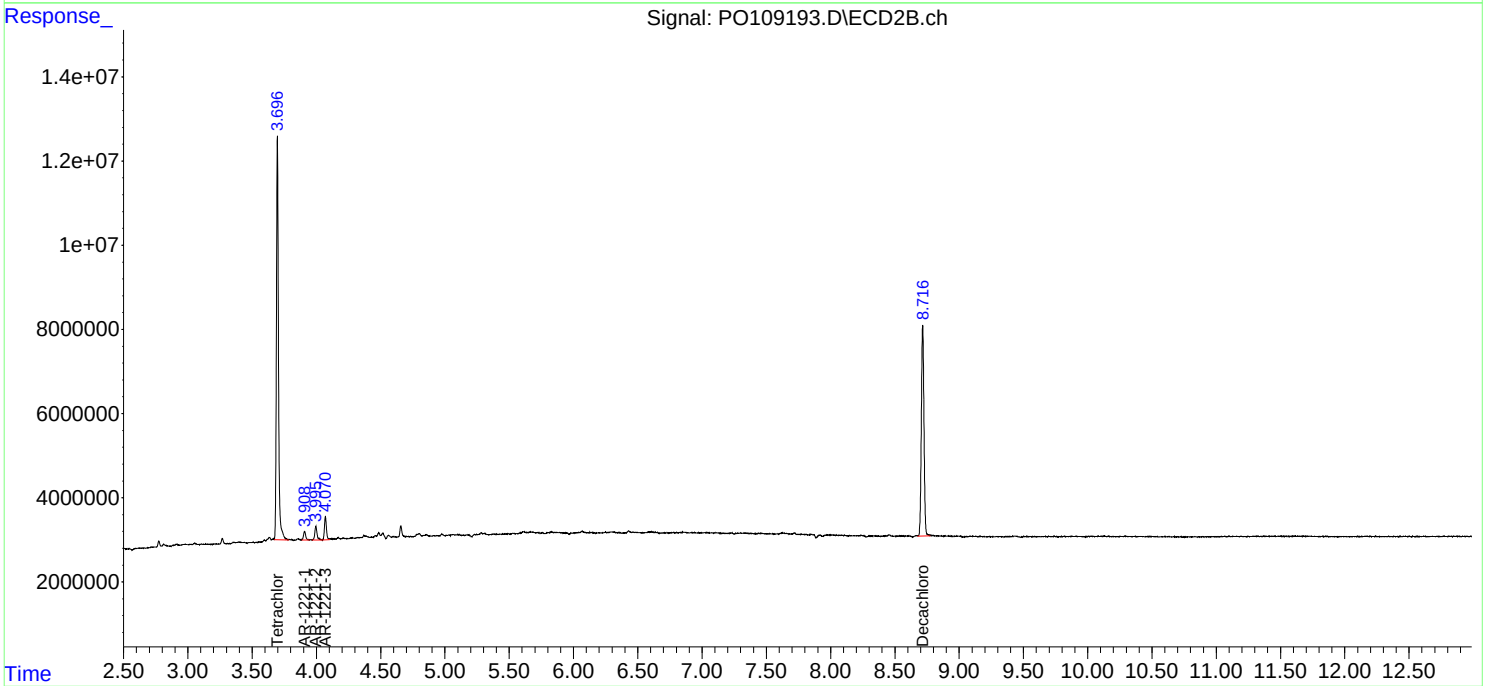
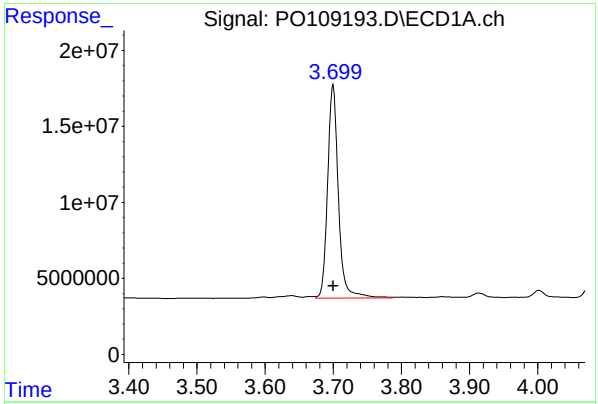


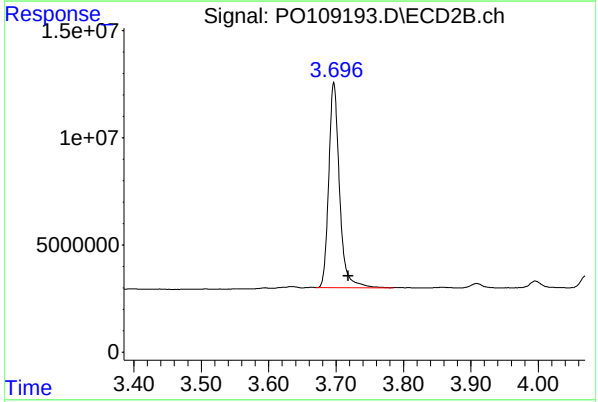




#1 Tetrachloro-m-xylene

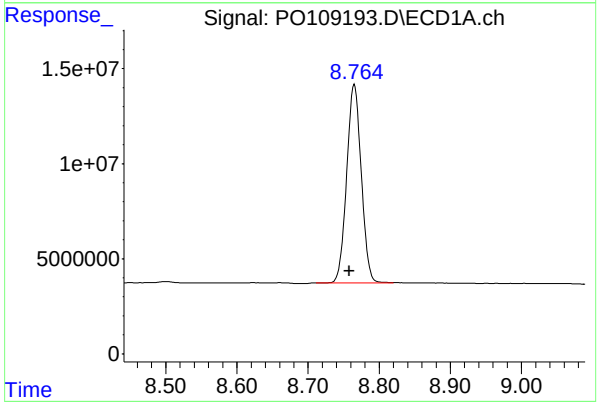
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 154749476
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



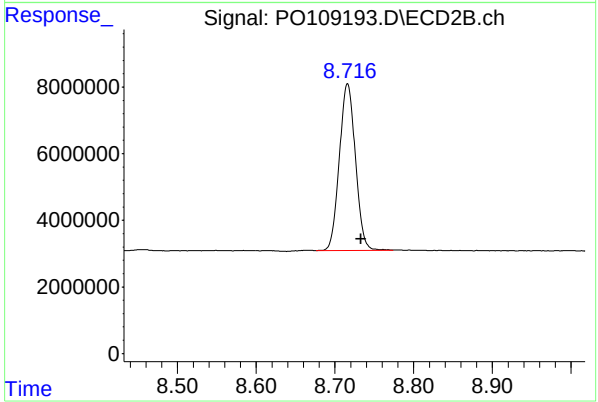
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.022 min
Response: 106346139
Conc: 19.84 ng/ml



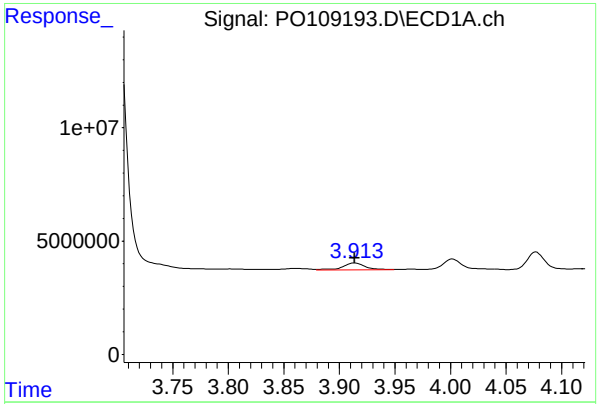
#2 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.007 min
Response: 148606297
Conc: 21.45 ng/ml



#2 Decachlorobiphenyl

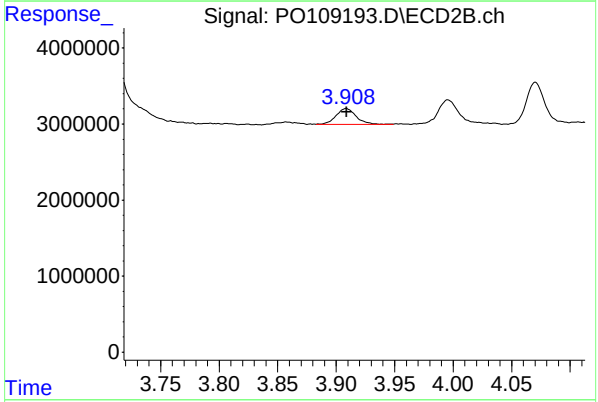
R.T.: 8.716 min
Delta R.T.: -0.017 min
Response: 71376235
Conc: 20.76 ng/ml



#8 AR-1221-1

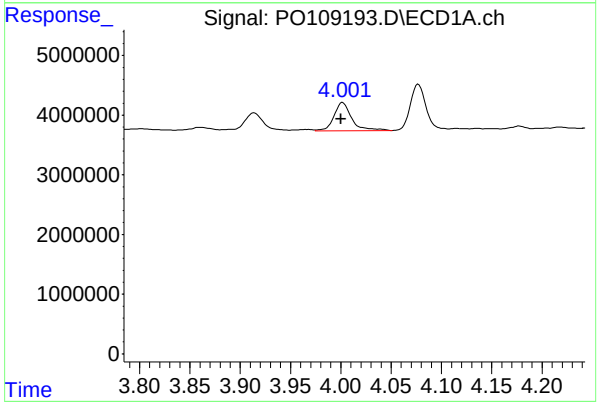
R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 4476320
Conc: 44.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



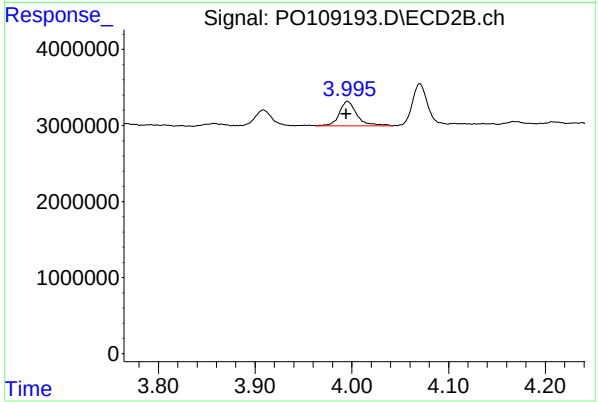
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 2478431
Conc: 37.84 ng/ml



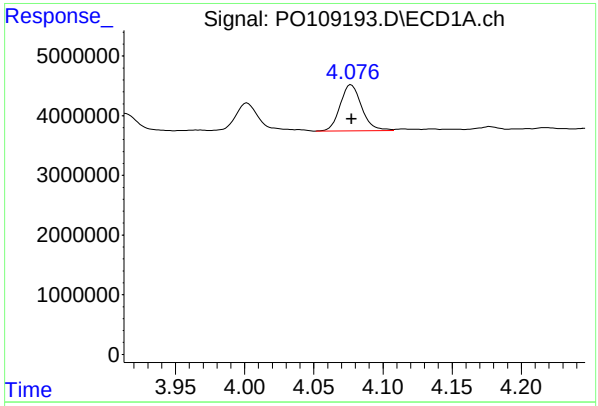
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 5878033
Conc: 79.00 ng/ml



#9 AR-1221-2

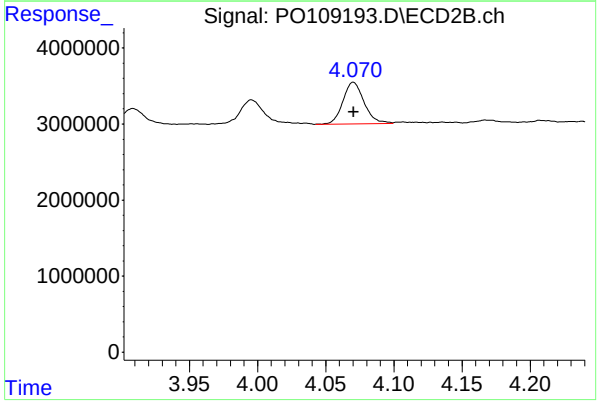
R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 4033384
Conc: 81.67 ng/ml



#10 AR-1221-3

R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 8304346
Conc: 39.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



#10 AR-1221-3

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 5938583
Conc: 40.91 ng/ml