Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
Data File : PP056738.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2023 19:03
Operator : YP\AJ
Sample : 02213-07
Misc : AR1242 LOD 40 PPB
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 07 22:58:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 04:14:17 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...	4.432	3.661	41933919	33753774	19.518	19.408
2)	SA Decachlor...	10.267	8.744	28657486	35528406	21.894	22.597
	Target Compounds						
16)	L4 AR-1242-1	5.607	4.761	2279020	1850967	45.320	43.035
17)	L4 AR-1242-2	5.630	4.780	3297862	2484852	45.287	41.761
18)	L4 AR-1242-3	5.693	4.959	2088200	1341762	45.575	41.588
19)	L4 AR-1242-4	5.792	5.043	1608556	1571041	44.579	43.119
20)	L4 AR-1242-5	6.534	5.572	1592727	1687847	47.983	42.331

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

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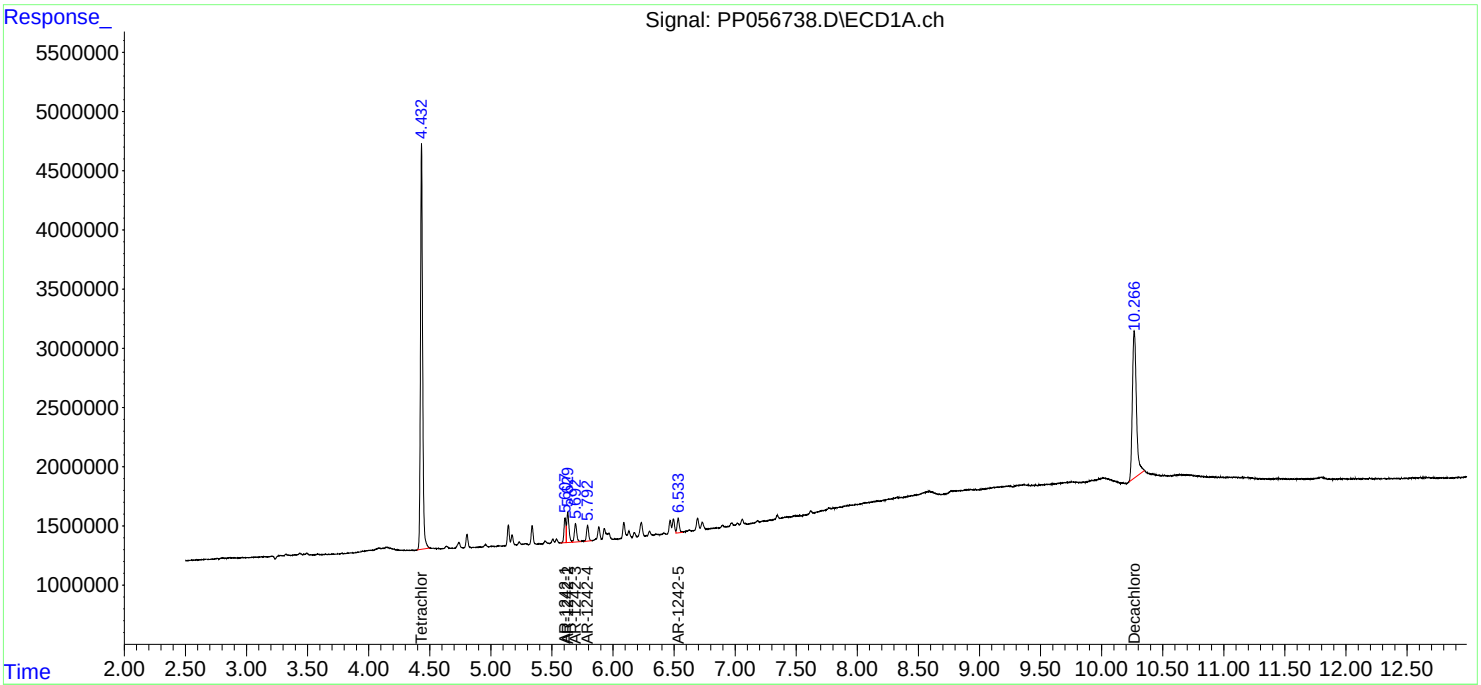
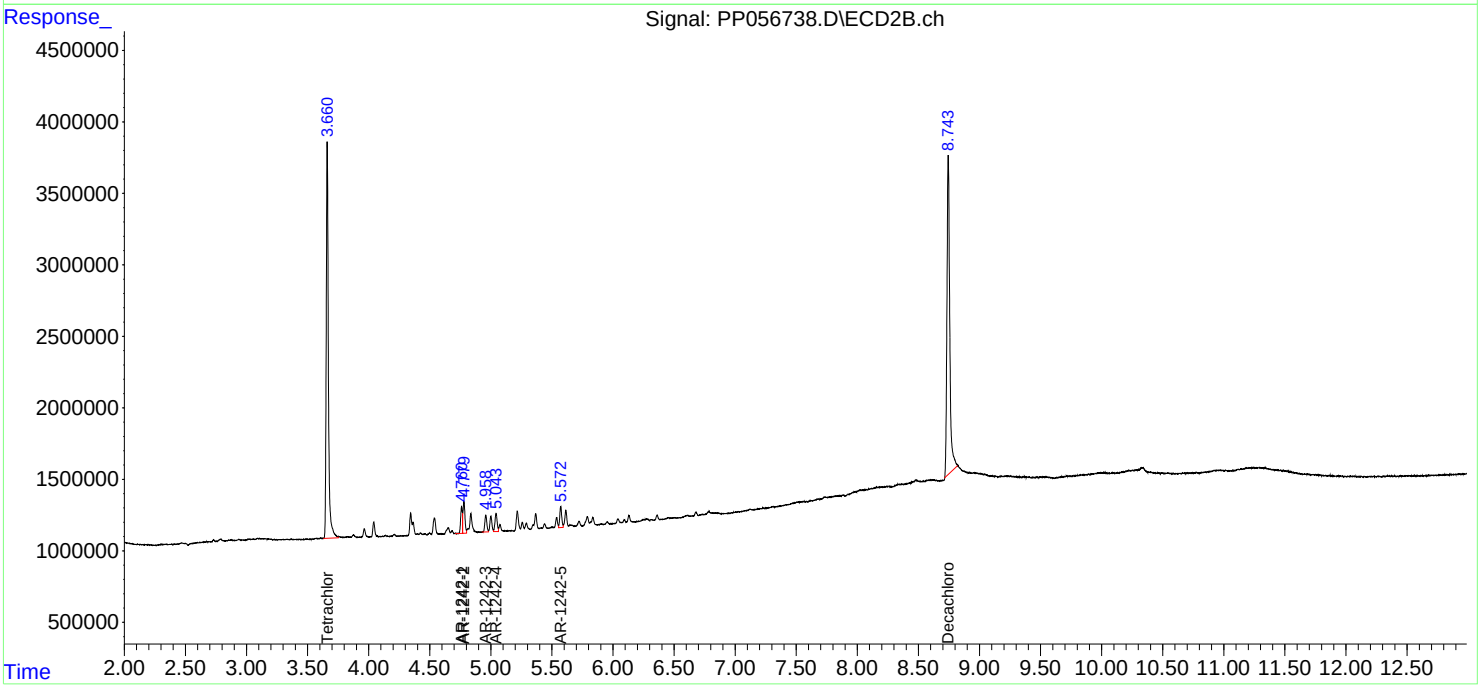
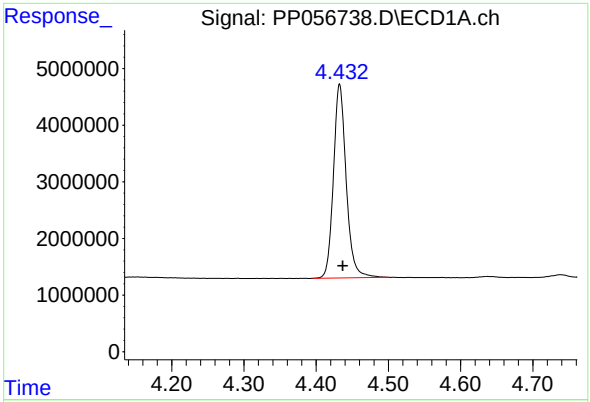


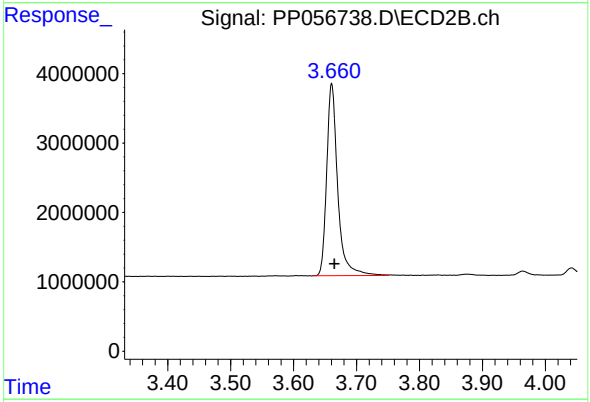




#1 Tetrachloro-m-xylene

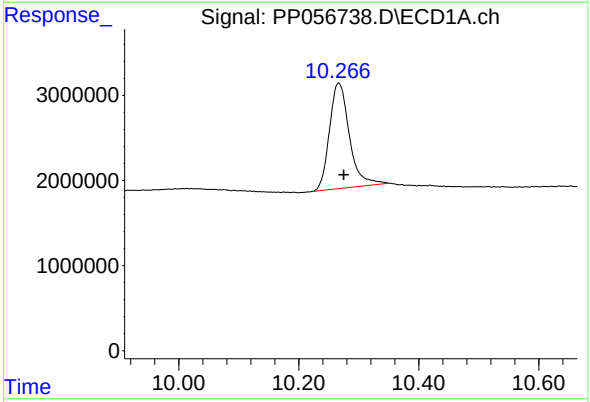
R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 41933919
Conc: 19.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



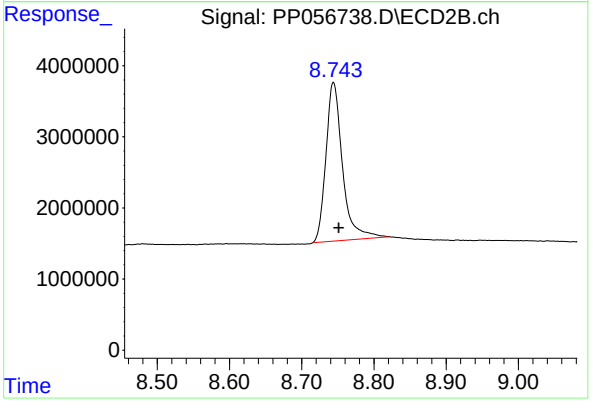
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 33753774
Conc: 19.41 ng/ml



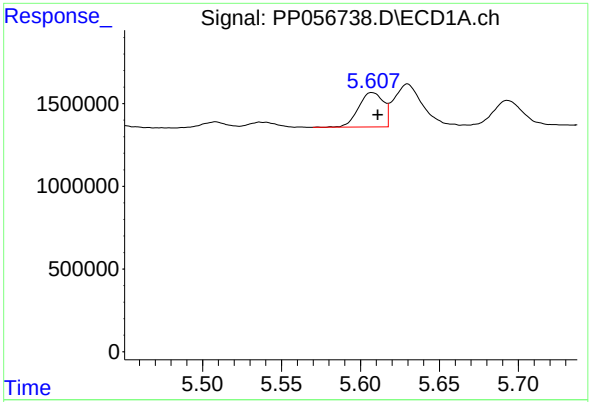
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: -0.008 min
Response: 28657486
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

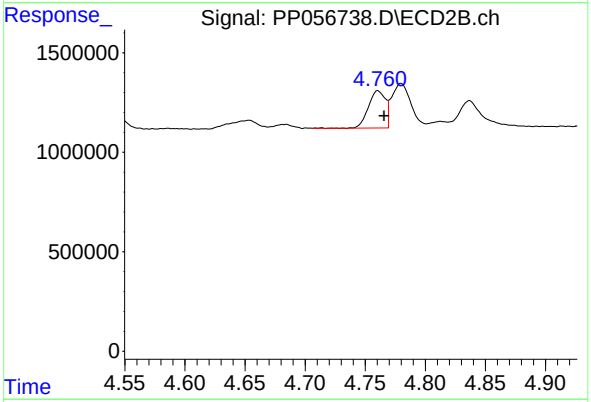
R.T.: 8.744 min
Delta R.T.: -0.007 min
Response: 35528406
Conc: 22.60 ng/ml



#16 AR-1242-1

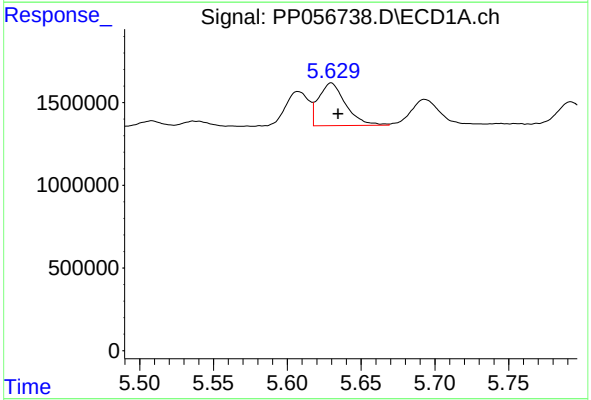
R.T.: 5.607 min
Delta R.T.: -0.004 min
Response: 2279020
Conc: 45.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



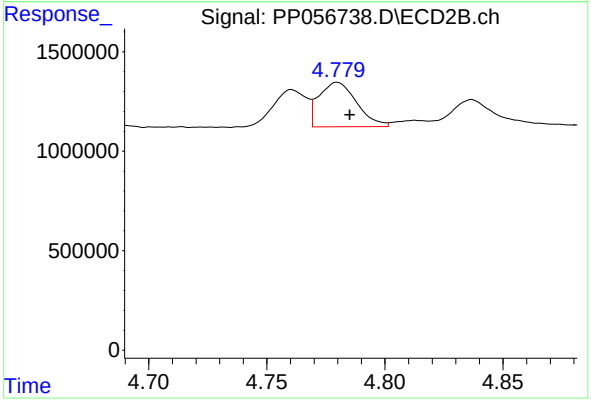
#16 AR-1242-1

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 1850967
Conc: 43.04 ng/ml



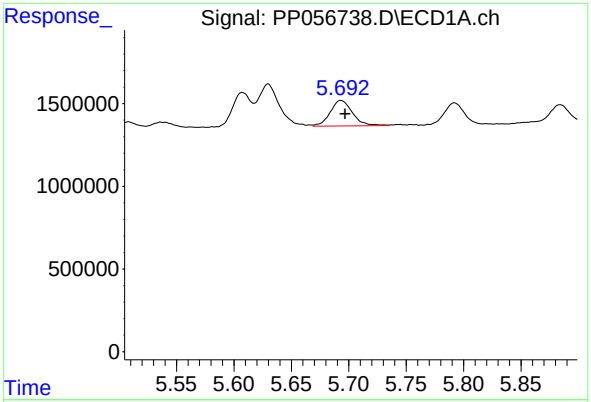
#17 AR-1242-2

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 3297862
Conc: 45.29 ng/ml



#17 AR-1242-2

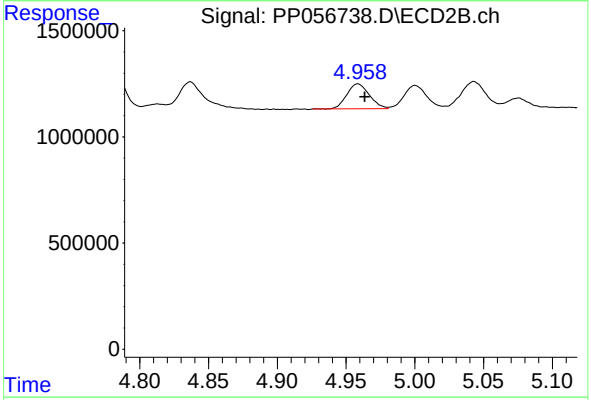
R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 2484852
Conc: 41.76 ng/ml



#18 AR-1242-3

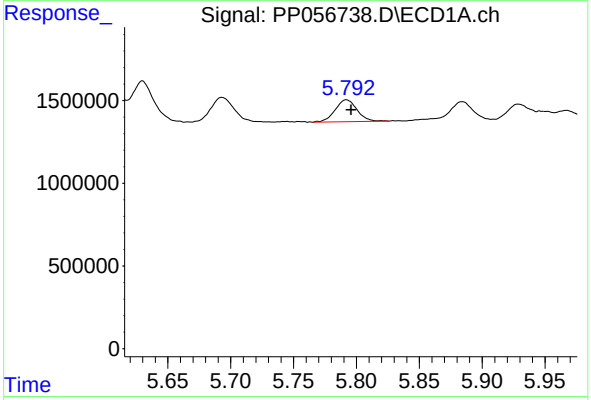
R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 2088200
Conc: 45.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



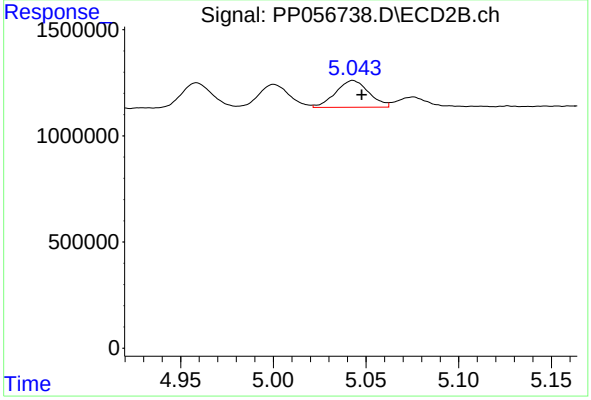
#18 AR-1242-3

R.T.: 4.959 min
Delta R.T.: -0.005 min
Response: 1341762
Conc: 41.59 ng/ml



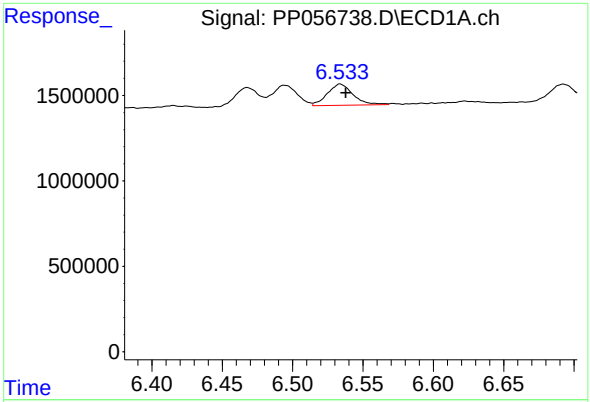
#19 AR-1242-4

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 1608556
Conc: 44.58 ng/ml



#19 AR-1242-4

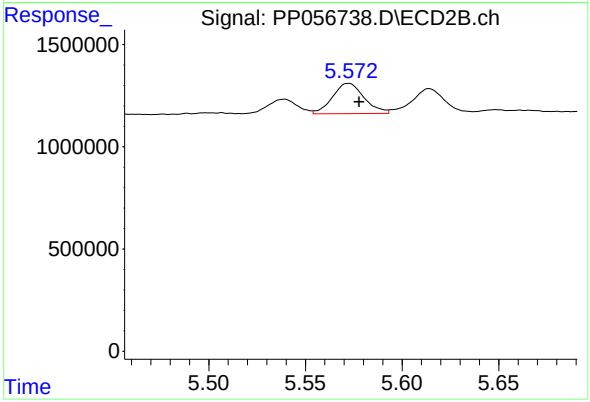
R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 1571041
Conc: 43.12 ng/ml



#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 1592727
Conc: 47.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



#20 AR-1242-5

R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 1687847
Conc: 42.33 ng/ml