Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012324\
Data File : PQ065000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 23:54
Operator : YP\AJ
Sample : P1187-07
Misc : AR1248 LOD 40 PPB
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 01:40:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 18 00:09:27 2024
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...	3.471	2.743	80019768	155.9E6	21.480	23.350
2)	SA Decachlor...	8.768	7.520	67741560	176.5E6	21.920	24.280
	Target Compounds						
21)	L5 AR-1248-1	4.594	3.744	2388007	7523164	30.769	44.813 #
22)	L5 AR-1248-2	4.864	3.969	4343078	10486067	42.013	44.742
23)	L5 AR-1248-3	5.057	4.006	4833081	9930546	39.775	44.164
24)	L5 AR-1248-4	5.459	4.164	6871461	11848288	48.220	42.508
25)	L5 AR-1248-5	5.494	4.538	5218614	12509701	37.045	43.726

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

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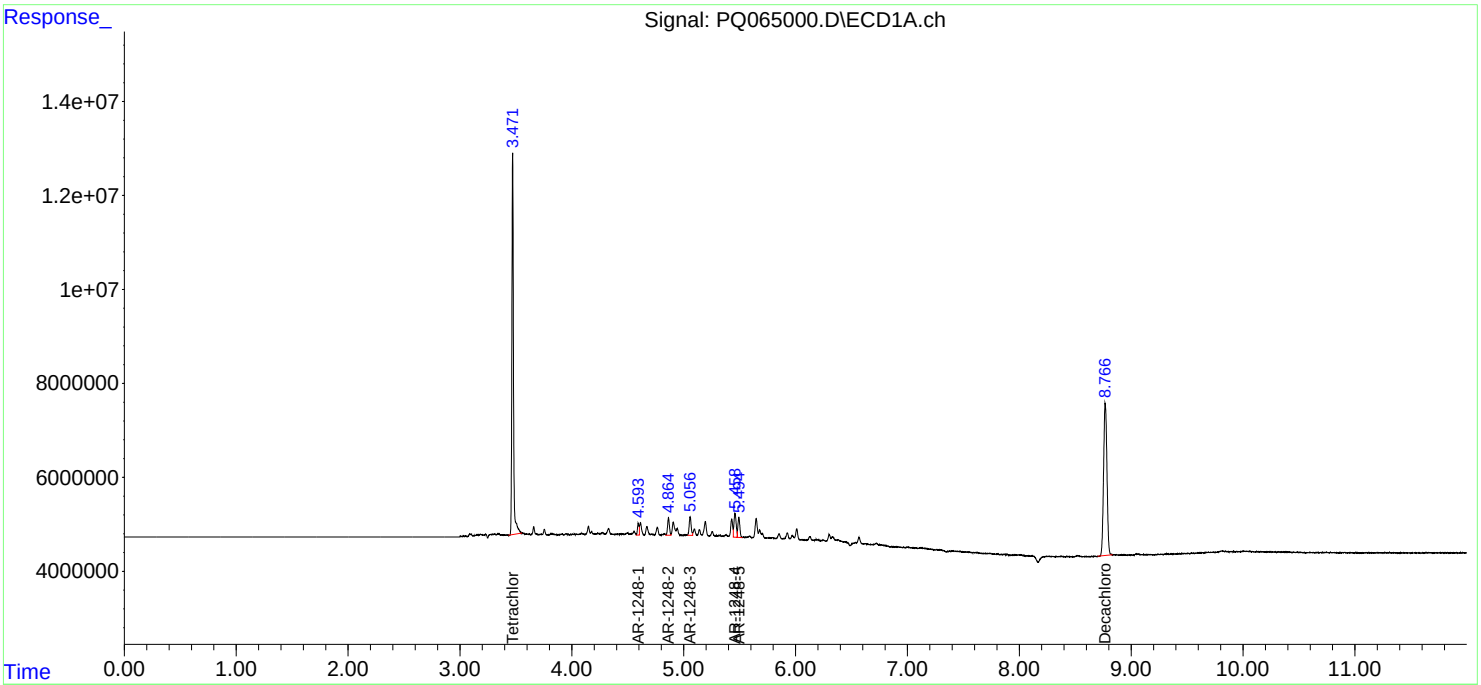
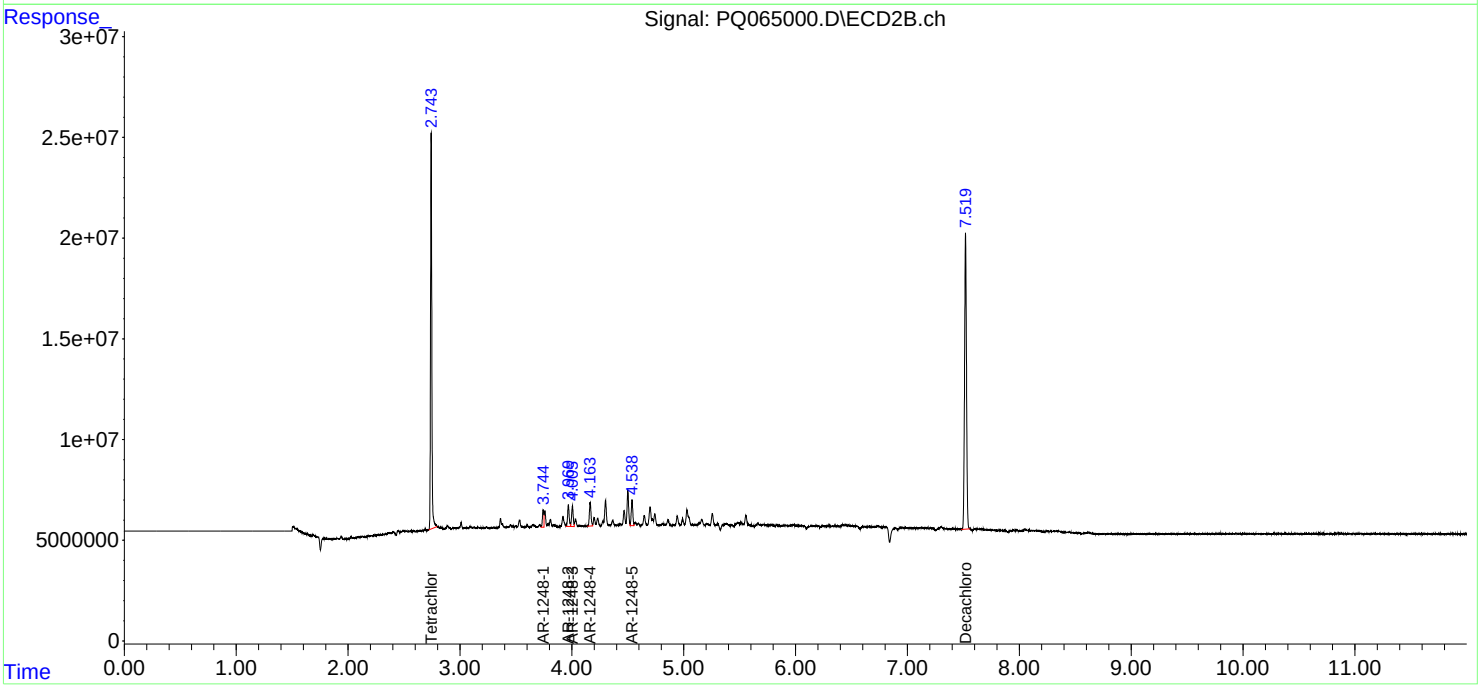
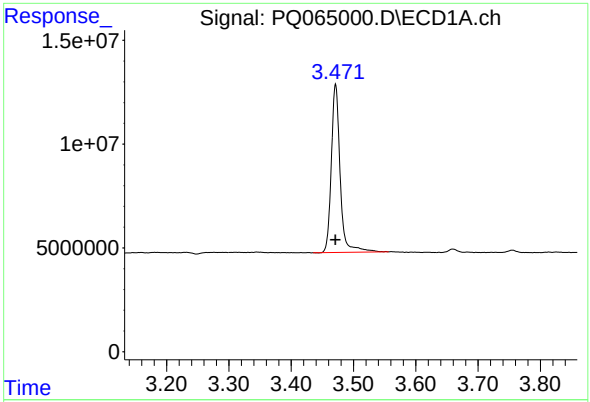


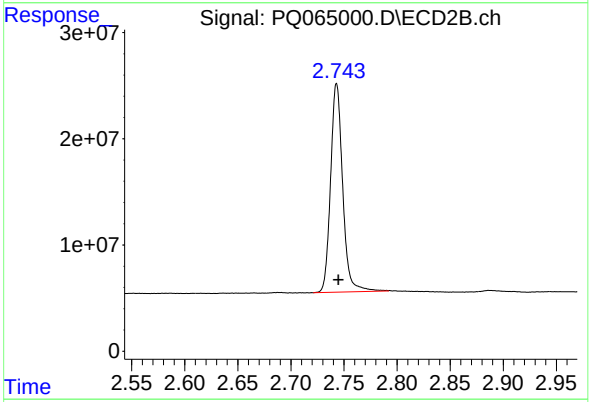




#1 Tetrachloro-m-xylene

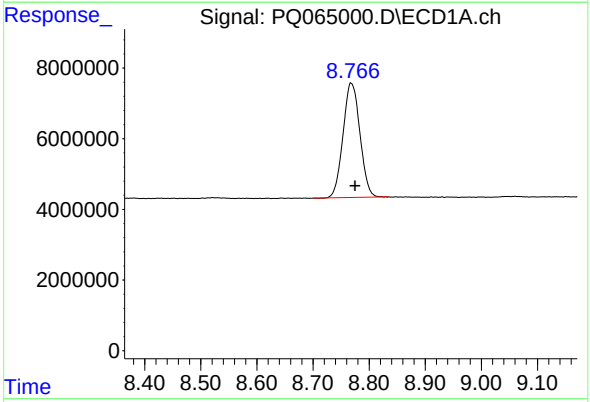
R.T.: 3.471 min
Delta R.T.: 0.000 min
Response: 80019768
Conc: 21.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



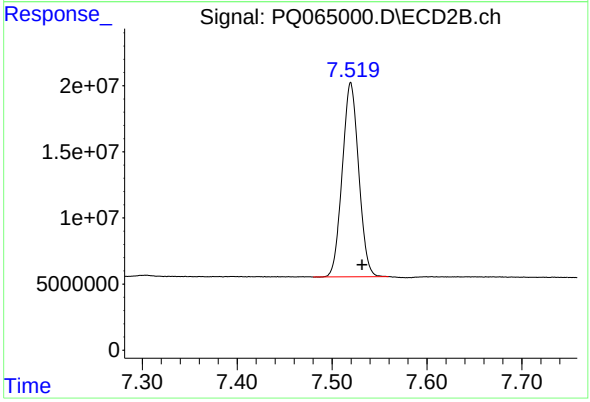
#1 Tetrachloro-m-xylene

R.T.: 2.743 min
Delta R.T.: -0.002 min
Response: 155924911
Conc: 23.35 ng/ml



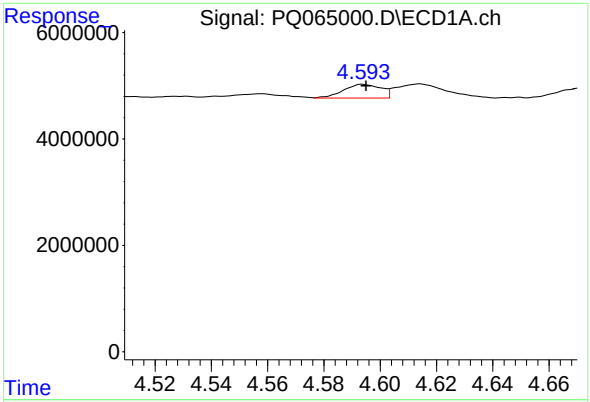
#2 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.007 min
Response: 67741560
Conc: 21.92 ng/ml



#2 Decachlorobiphenyl

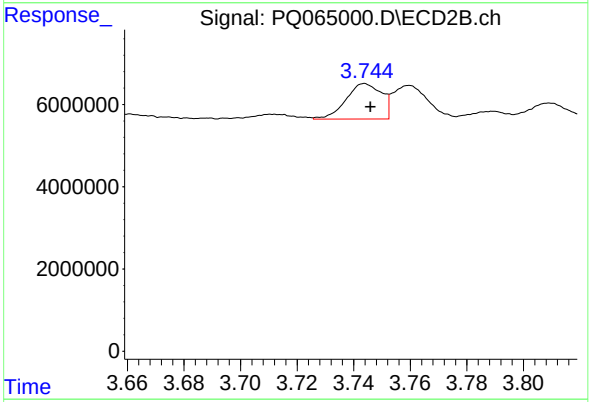
R.T.: 7.520 min
Delta R.T.: -0.012 min
Response: 176453697
Conc: 24.28 ng/ml



#21 AR-1248-1

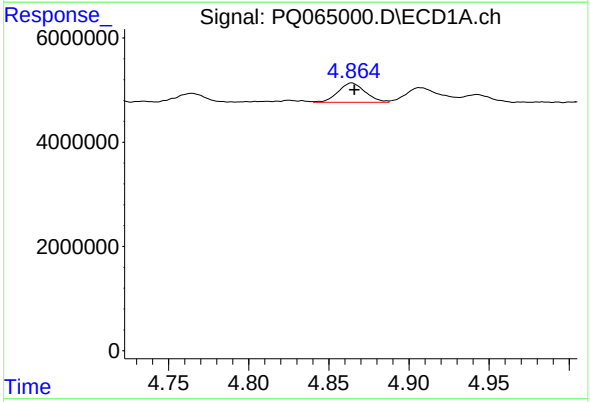
R.T.: 4.594 min
Delta R.T.: -0.001 min
Response: 2388007
Conc: 30.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



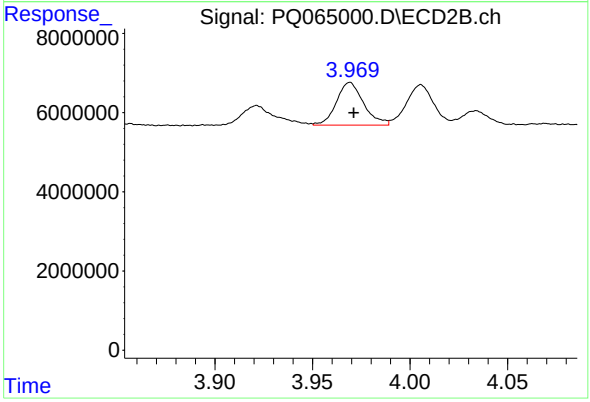
#21 AR-1248-1

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 7523164
Conc: 44.81 ng/ml



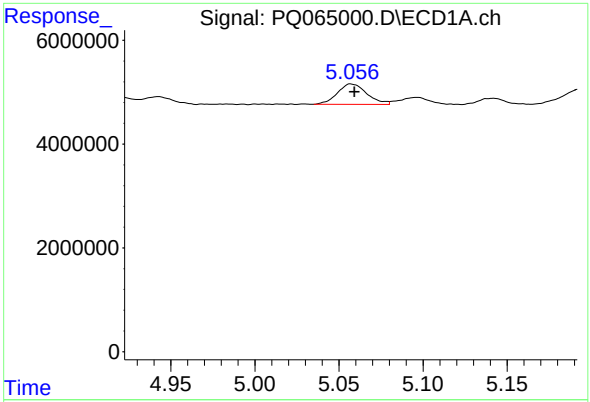
#22 AR-1248-2

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 4343078
Conc: 42.01 ng/ml



#22 AR-1248-2

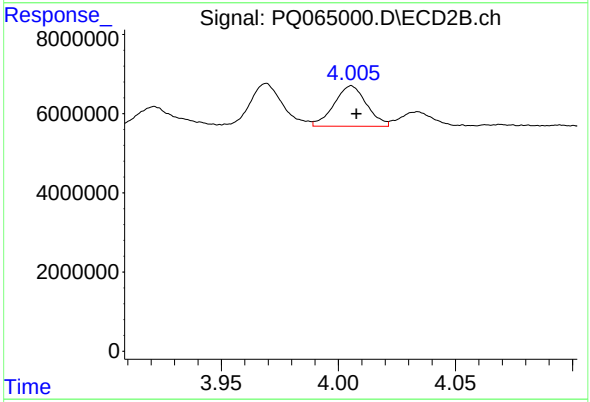
R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 10486067
Conc: 44.74 ng/ml



#23 AR-1248-3

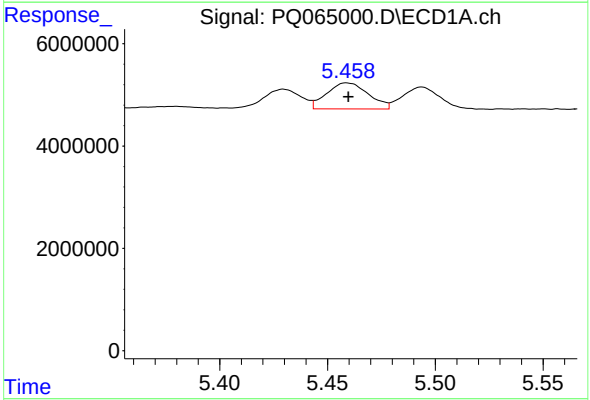
R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 4833081
Conc: 39.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



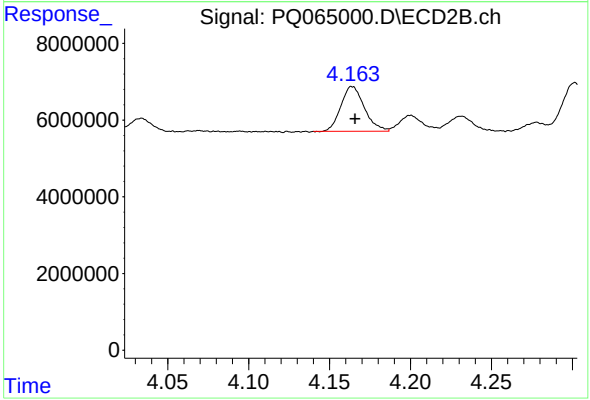
#23 AR-1248-3

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 9930546
Conc: 44.16 ng/ml



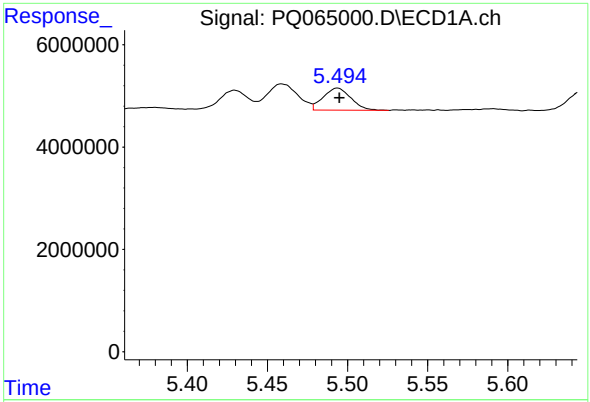
#24 AR-1248-4

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 6871461
Conc: 48.22 ng/ml



#24 AR-1248-4

R.T.: 4.164 min
Delta R.T.: -0.002 min
Response: 11848288
Conc: 42.51 ng/ml



#25 AR-1248-5

R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 5218614
Conc: 37.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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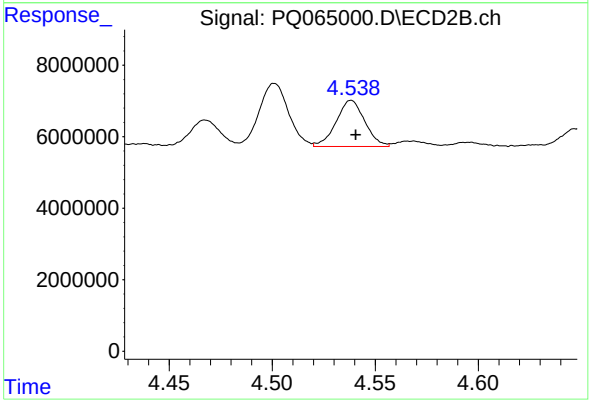

#25 AR-1248-5

R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 12509701
Conc: 43.73 ng/ml