Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
Data File : PQ052497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 01:47
Operator : DD\AJ
Sample : M1458-07
Misc : AR1254 LOD 25 PPB
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
Ankita
3/10/2021 2:40:10 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 02:54:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 10 02:40:50 2021
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...	5.226	4.243	498.1E6	173.0E6	19.611	19.016
2)	SA Decachlor...	11.413	9.585	496.3E6	187.4E6	19.909	19.322
	Target Compounds						
26)	L6 AR-1254-1	7.462	6.375	22593718	11173466	25.115	21.690
27)	L6 AR-1254-2	7.689	6.534	33012636	9166656	23.366	20.485
28)	L6 AR-1254-3	8.072	6.955	41867836	15111851	26.975	20.436
29)	L6 AR-1254-4	8.365	7.194	32241694	10666228	28.138	21.358
30)	L6 AR-1254-5	8.795	7.622	26937064	12273565	22.151m	17.977m

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

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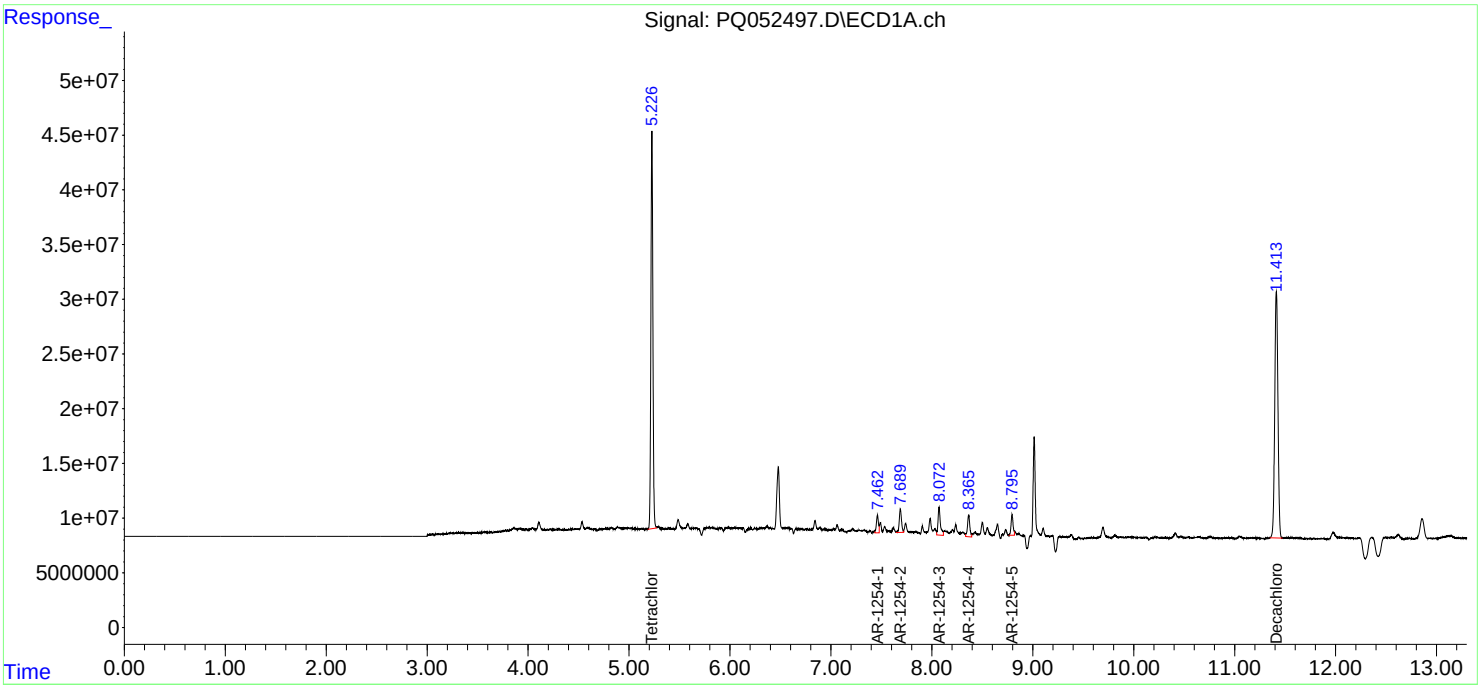

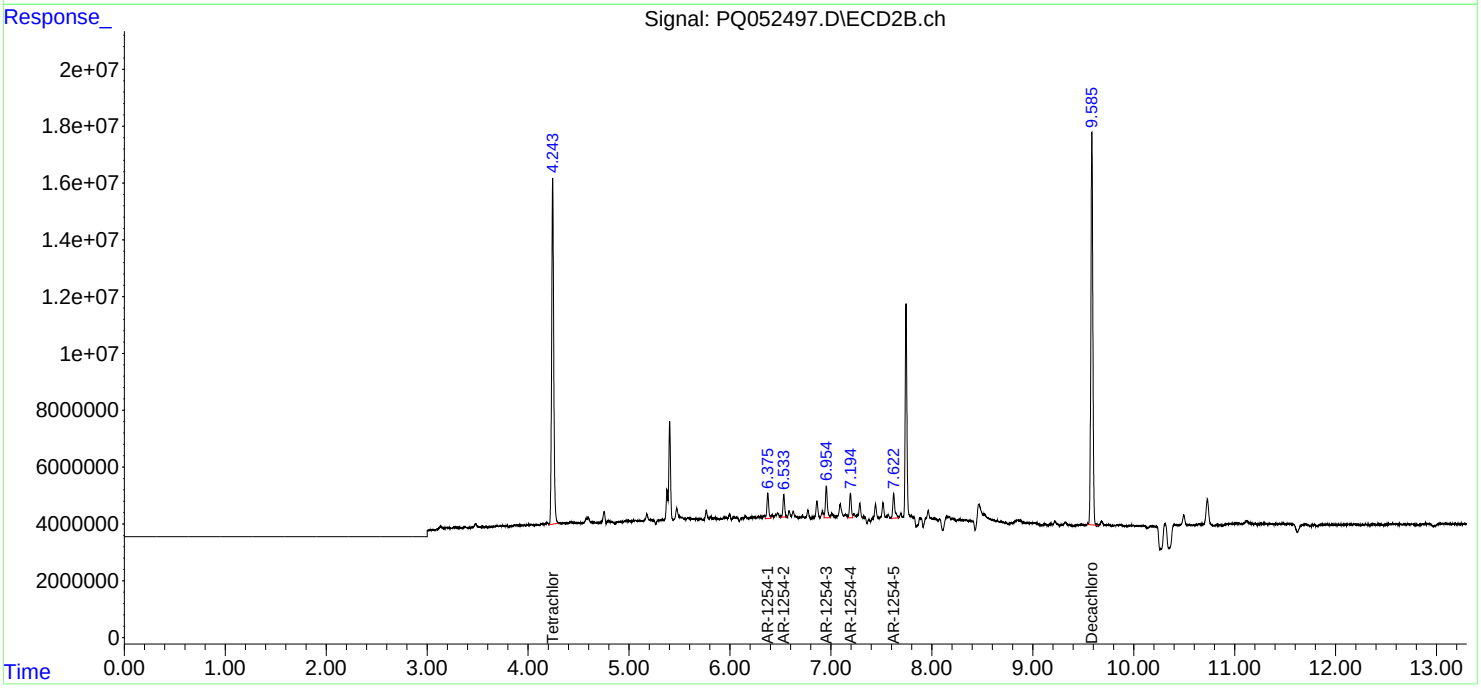

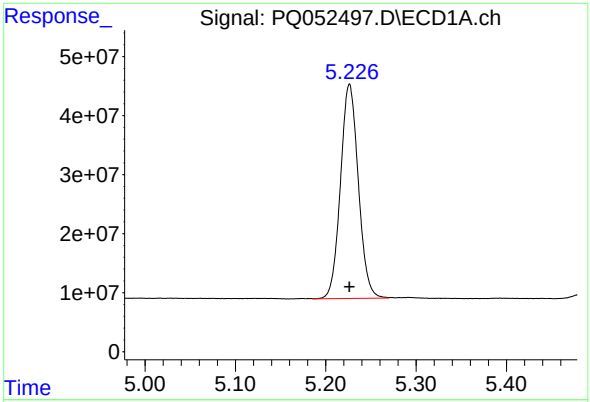

#1 Tetrachloro-m-xylene

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 498125768
Conc: 19.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
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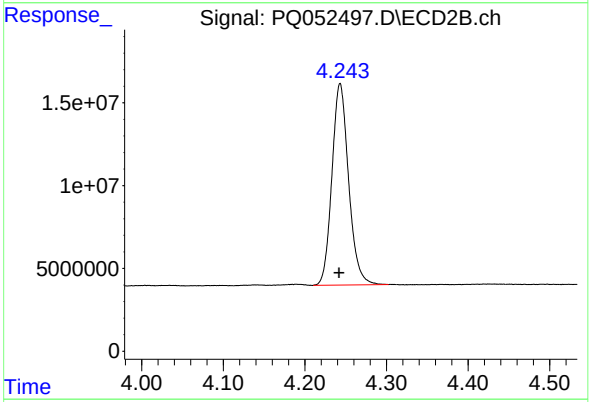
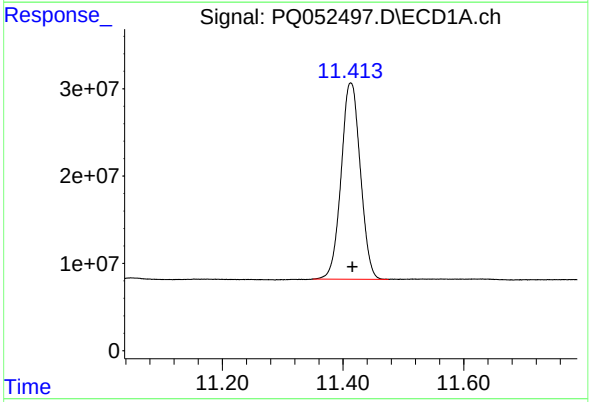


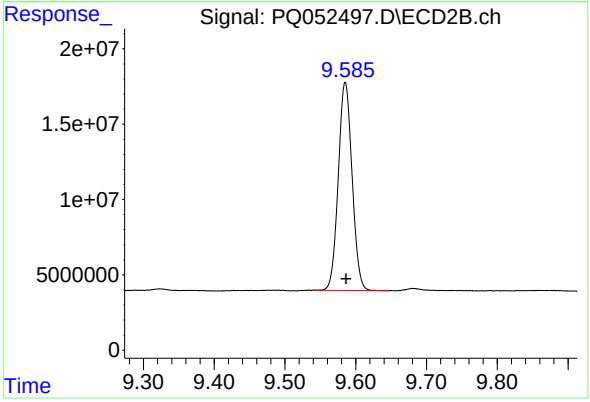
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 172980263
Conc: 19.02 ng/ml



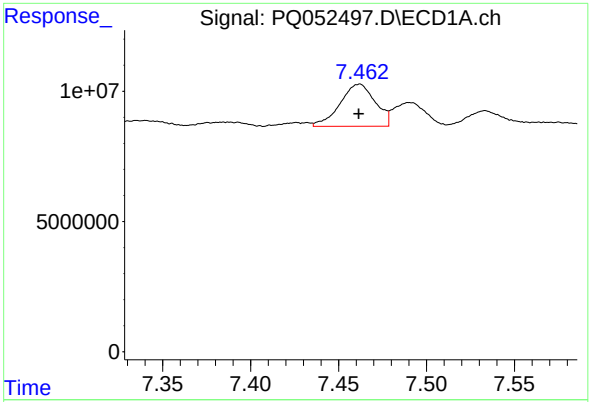
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: -0.003 min
Response: 496339203
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.585 min
Delta R.T.: -0.001 min
Response: 187407952
Conc: 19.32 ng/ml



#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 22593718
Conc: 25.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
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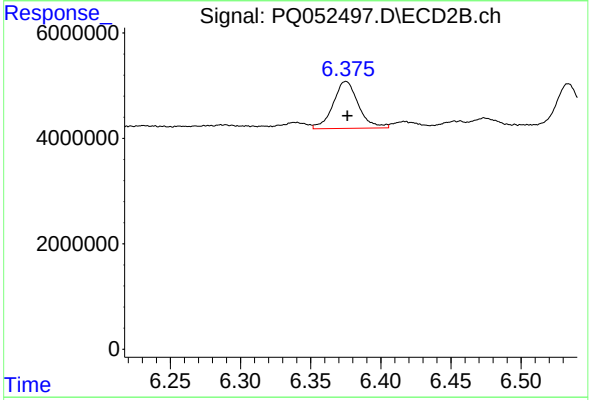
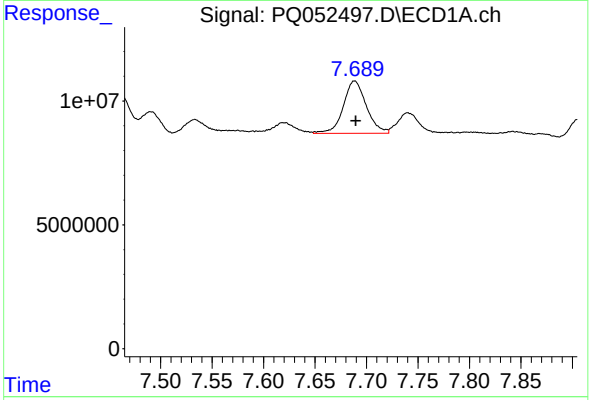


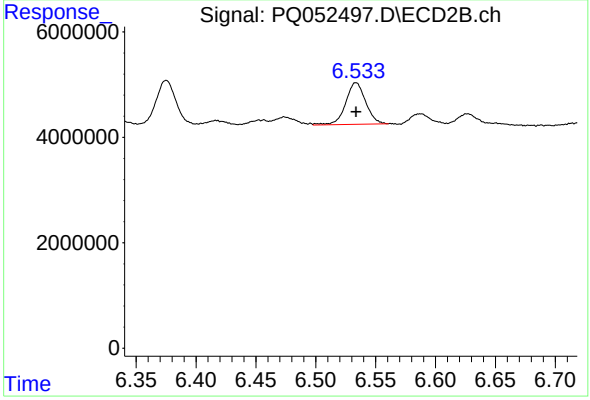
#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 11173466
Conc: 21.69 ng/ml



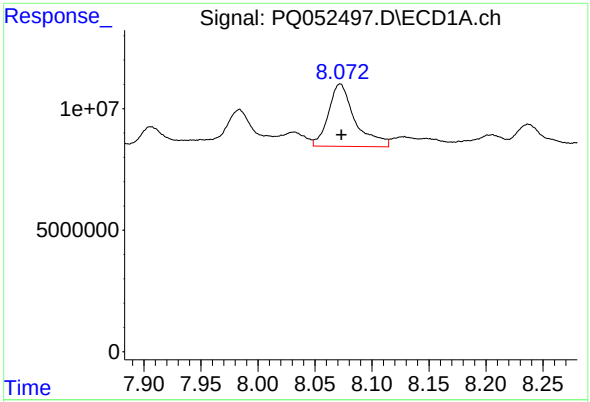
#27 AR-1254-2

R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 33012636
Conc: 23.37 ng/ml



#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 9166656
Conc: 20.49 ng/ml



#28 AR-1254-3

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 41867836
Conc: 26.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
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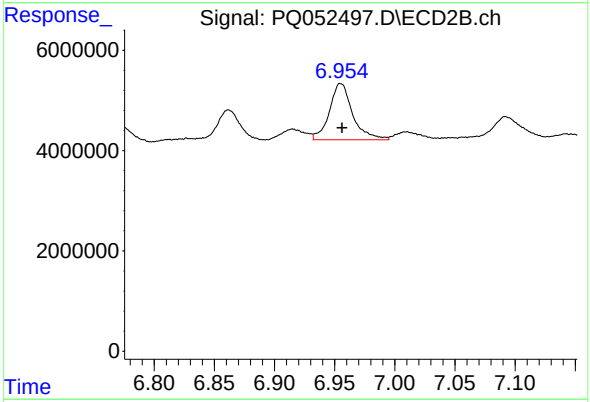
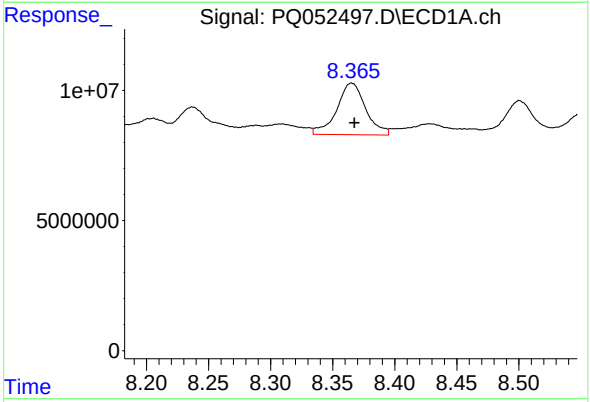


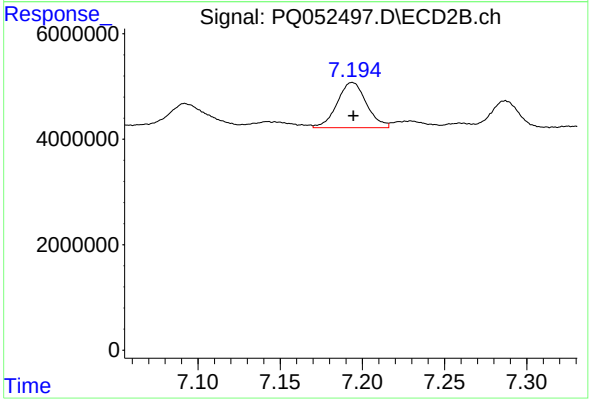
#28 AR-1254-3

R.T.: 6.955 min
Delta R.T.: -0.002 min
Response: 15111851
Conc: 20.44 ng/ml



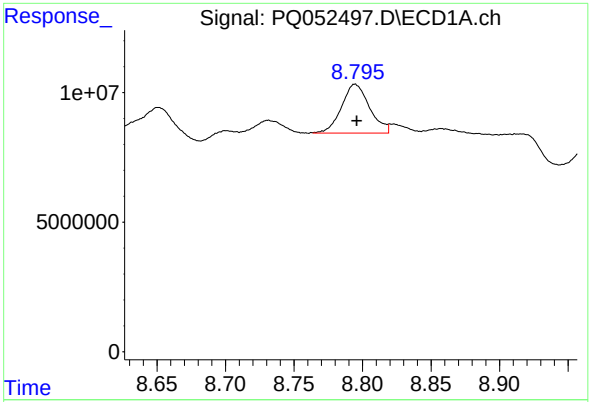
#29 AR-1254-4

R.T.: 8.365 min
Delta R.T.: -0.002 min
Response: 32241694
Conc: 28.14 ng/ml



#29 AR-1254-4

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 10666228
Conc: 21.36 ng/ml



#30 AR-1254-5

R.T.: 8.795 min
Delta R.T.: -0.001 min
Response: 26937064
Conc: 22.15 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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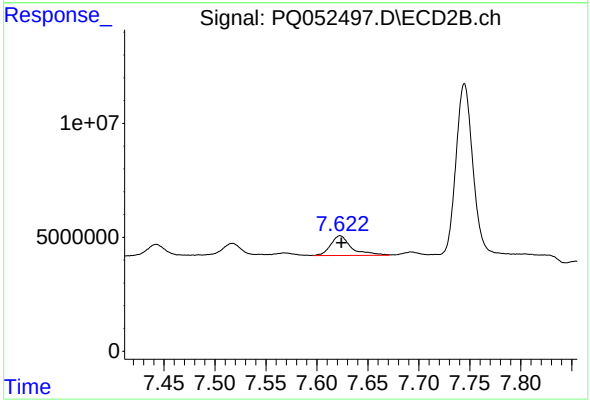

#30 AR-1254-5

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 12273565
Conc: 17.98 ng/ml m