Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
Data File : PQ052493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 00:41
Operator : DD\AJ
Sample : M1458-07
Misc : AR1221 LOD 25 PPB
ALS Vial : 27 Sample Multiplier: 1

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

Manual Integrations APPROVED
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 02:52:58 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	4.242	450.1E6	155.6E6	17.722	17.109
2)	SA Decachlor...	11.413	9.585	457.7E6	173.6E6	18.361	17.894
	Target Compounds						
8)	L2 AR-1221-1	5.485	4.497	16896174	2054867	67.701m	22.764m#
9)	L2 AR-1221-2	5.578	4.597	8482203	4605224	46.827m	69.336 #
10)	L2 AR-1221-3	5.662	4.689	16236373	5335168	28.184m	24.080

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

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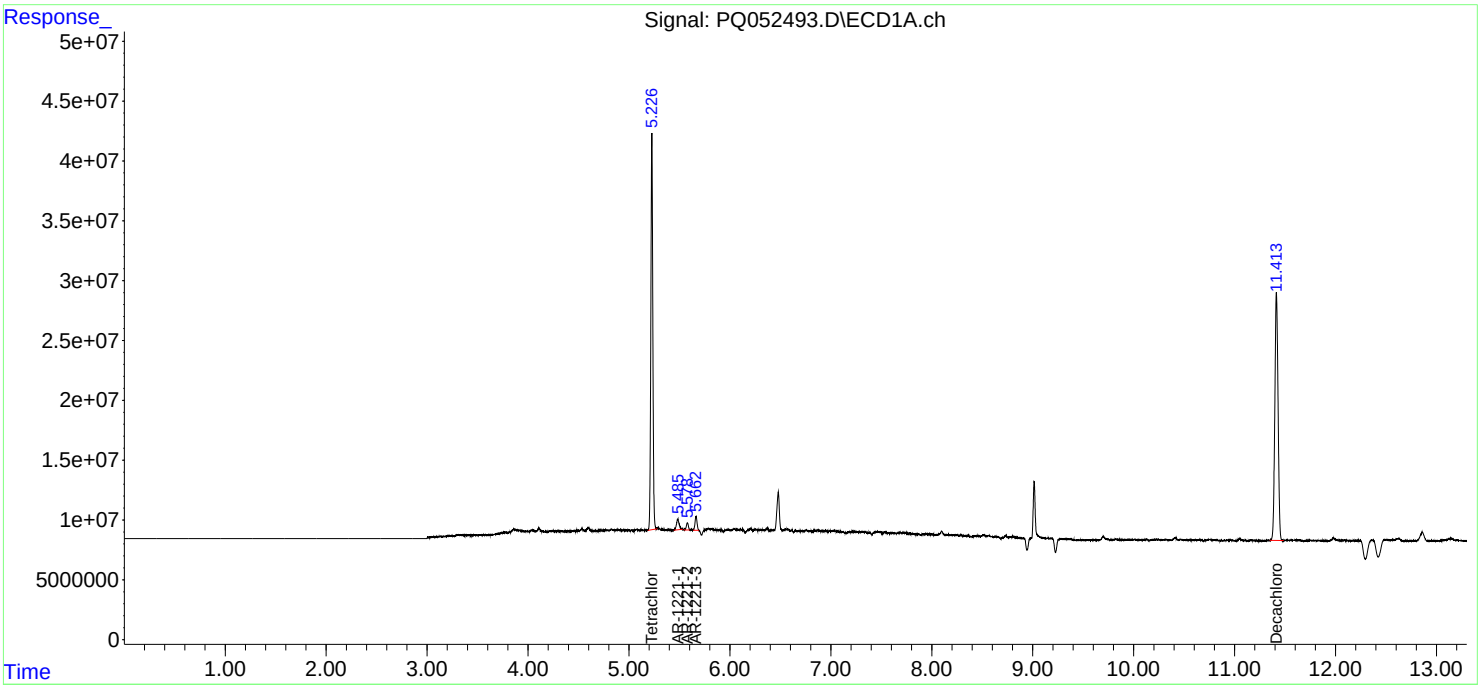

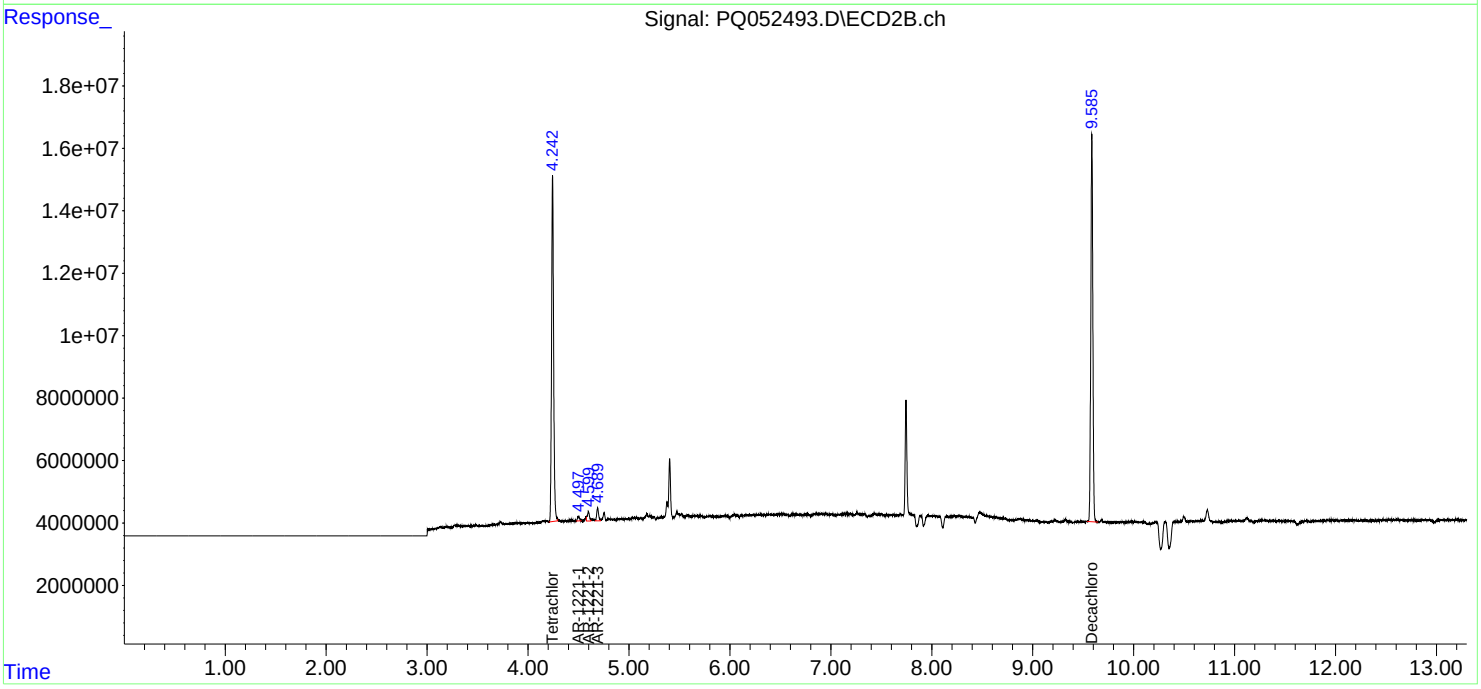

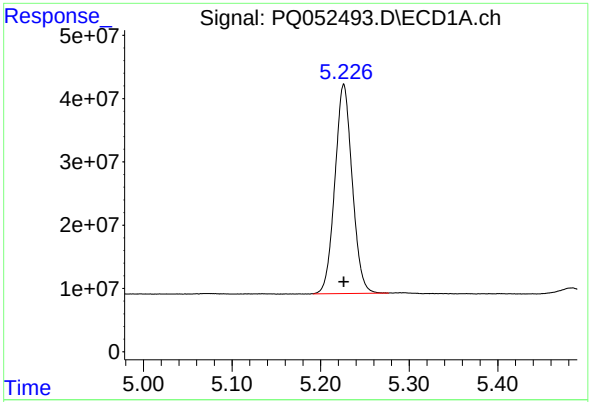

#1 Tetrachloro-m-xylene

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 450129291
Conc: 17.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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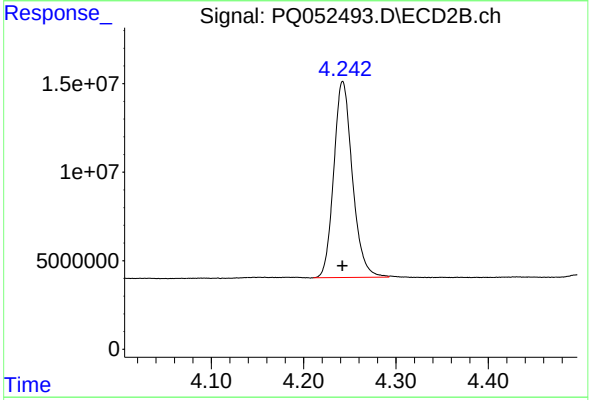
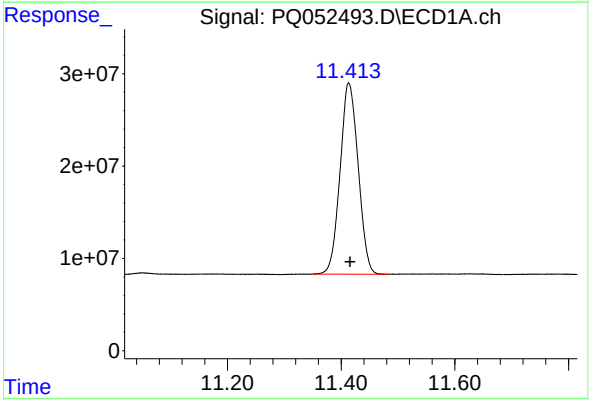


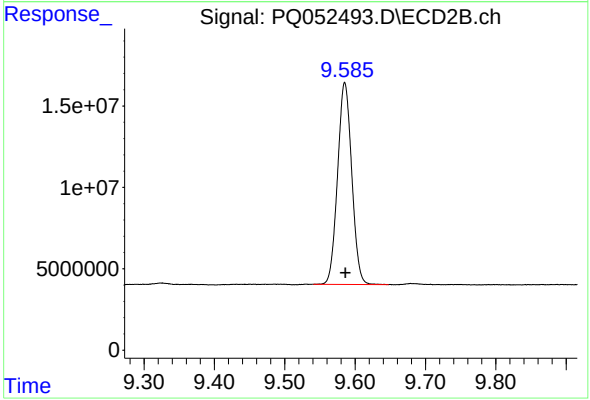
#1 Tetrachloro-m-xylene

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 155630549
Conc: 17.11 ng/ml



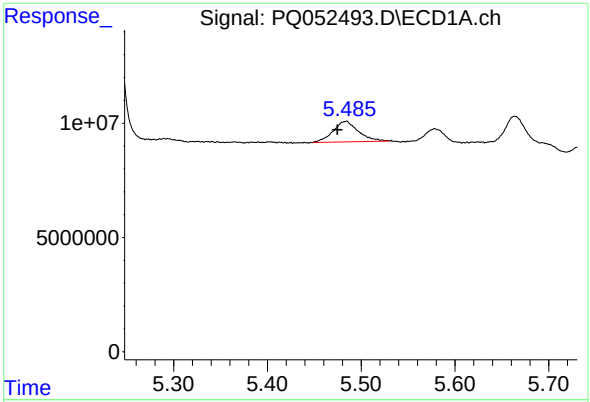
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: -0.002 min
Response: 457740199
Conc: 18.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.585 min
Delta R.T.: -0.001 min
Response: 173558538
Conc: 17.89 ng/ml



#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.010 min
Response: 16896174
Conc: 67.70 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
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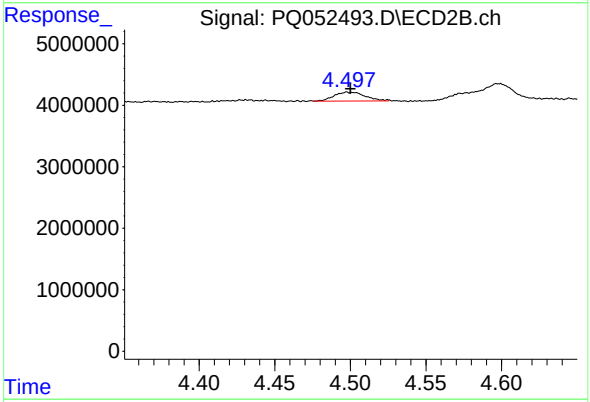
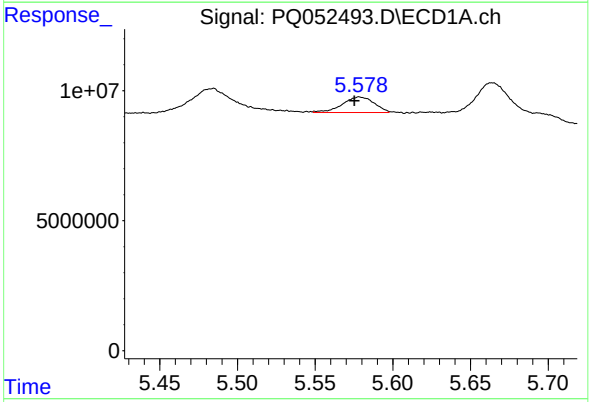


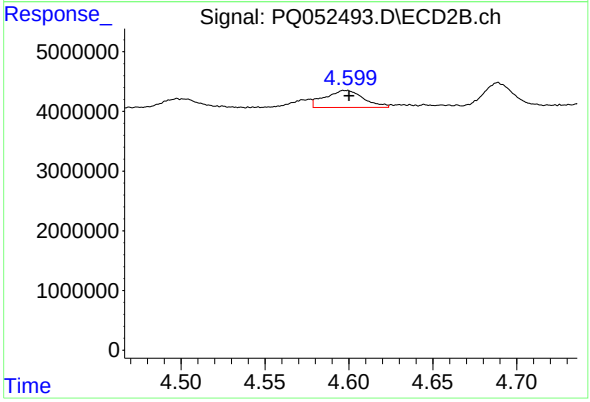
#8 AR-1221-1

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 2054867
Conc: 22.76 ng/ml m



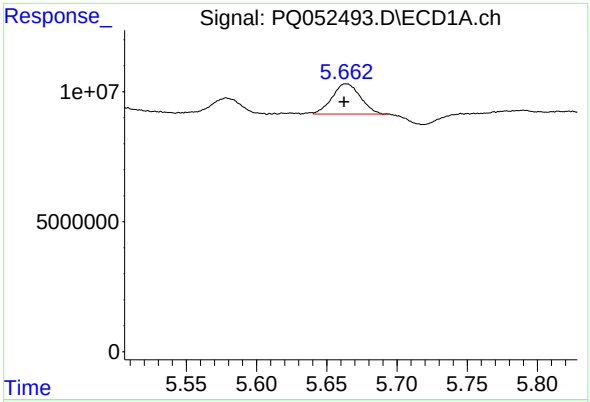
#9 AR-1221-2

R.T.: 5.578 min
Delta R.T.: 0.003 min
Response: 8482203
Conc: 46.83 ng/ml m



#9 AR-1221-2

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 4605224
Conc: 69.34 ng/ml



#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 16236373
Conc: 28.18 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
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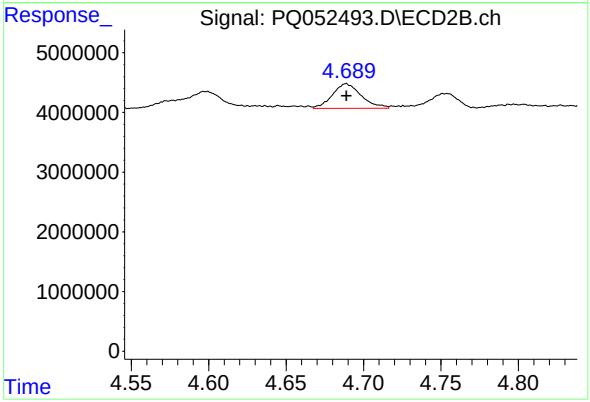

#10 AR-1221-3

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 5335168
Conc: 24.08 ng/ml