Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110419\
Data File : PQ044757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2019 12:47
Operator : SM\AJ
Sample : K5111-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 14:01:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 04 02:17:09 2019
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...	5.287	4.315	115.7E6	50790852	15.535	14.166
2)	SA Decachlor...	11.511	9.730	138.7E6	166.8E6	20.981	20.960
	Target Compounds						
3)	L1 AR-1016-1	6.605	5.595	8538183	5136249	38.027	36.592
4)	L1 AR-1016-2	6.629	5.615	13216699	7405740	39.157	36.067
5)	L1 AR-1016-3	6.696	5.812	8484260	3795602	39.113	35.330
6)	L1 AR-1016-4	6.803	5.860	6210176	3611715	35.906	38.164
7)	L1 AR-1016-5	7.119	6.093	6427104	4469072	35.592	35.778m
31)	L7 AR-1260-1	8.298	7.196	11690199	9622365	42.459	37.973
32)	L7 AR-1260-2	8.562	7.392	12548118	12704264	38.916	38.777
33)	L7 AR-1260-3	8.934	7.552	10568178	10916068	42.932	37.048
34)	L7 AR-1260-4	9.178	8.037	11721191	10819740	42.891	39.847
35)	L7 AR-1260-5	9.525	8.283	20556156	27041359	40.392	39.300m

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

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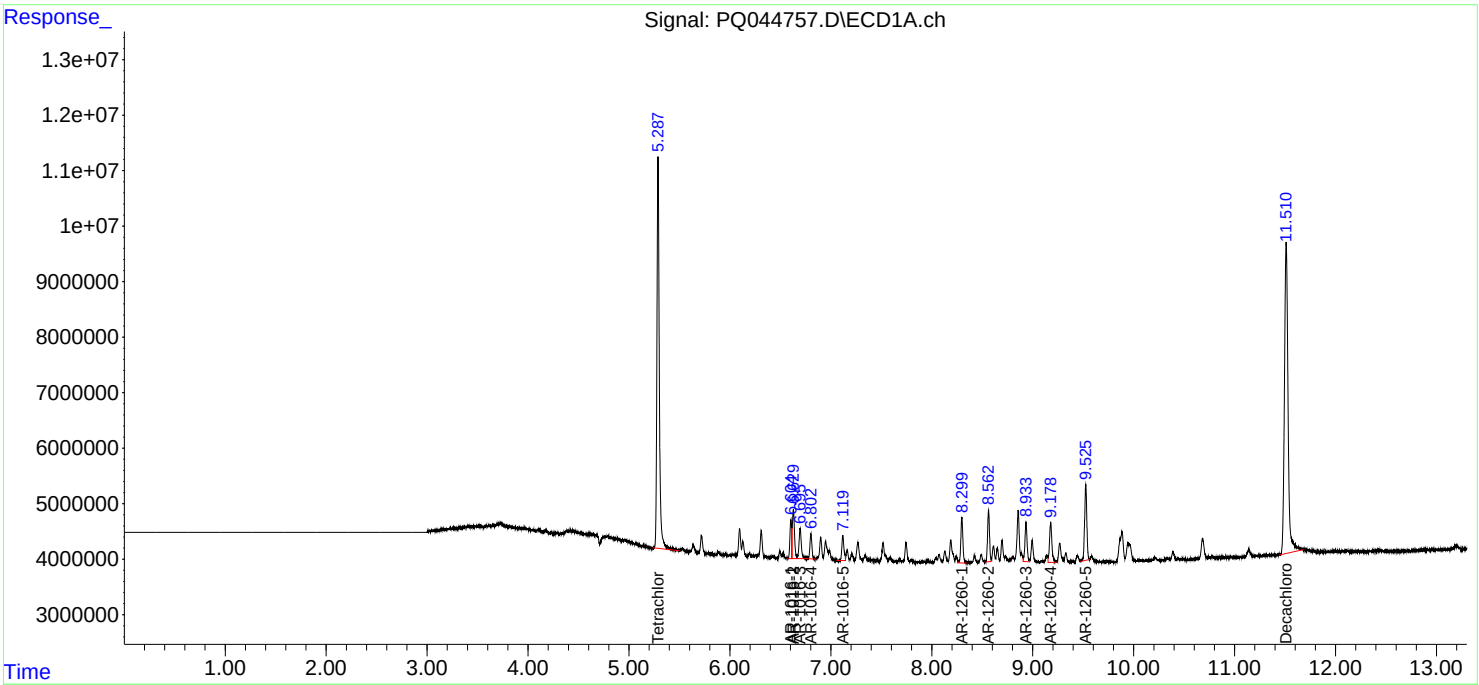

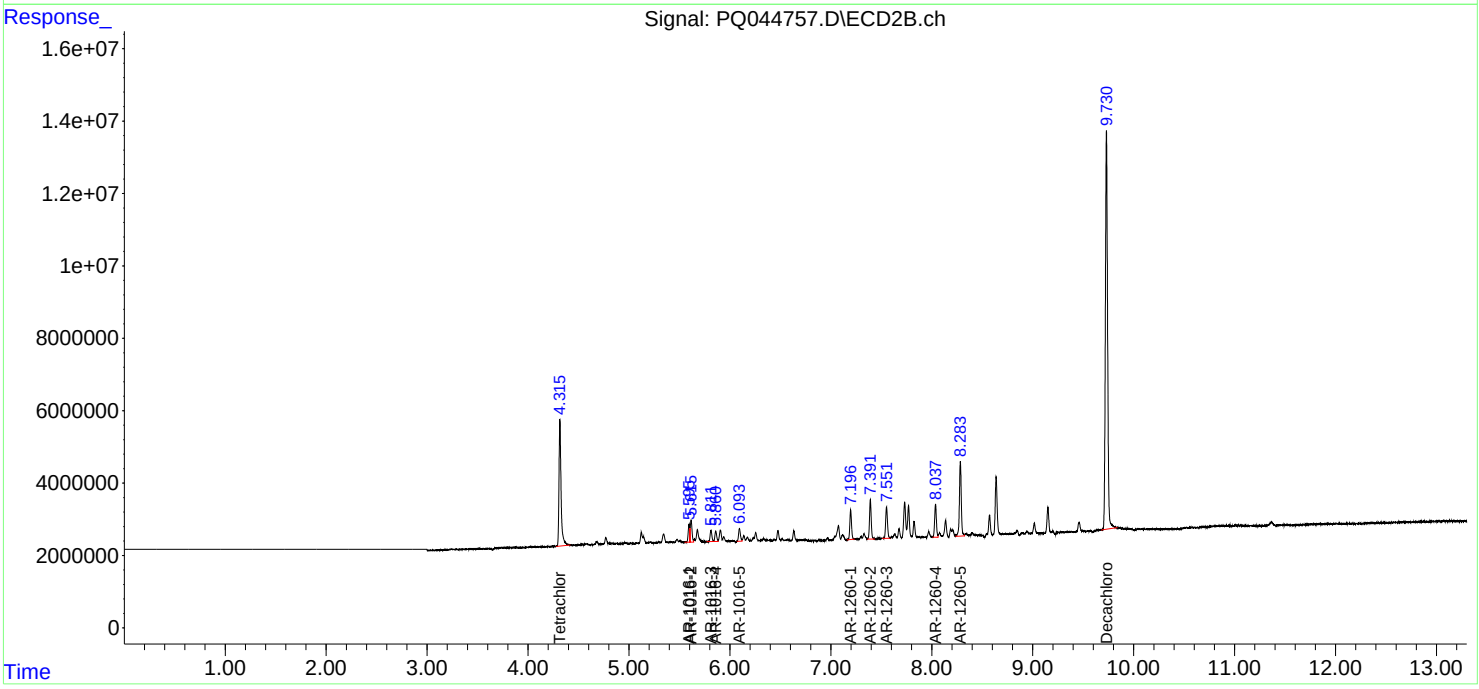

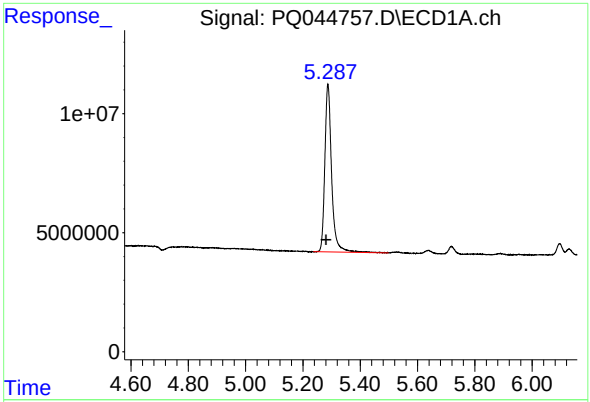

#1 Tetrachloro-m-xylene

R.T.: 5.287 min
Delta R.T.: 0.006 min
Response: 115660842
Conc: 15.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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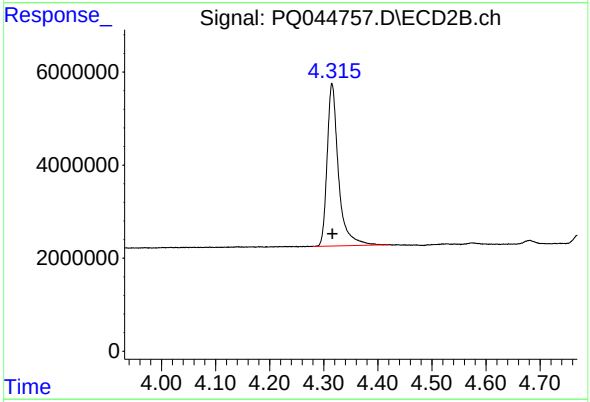
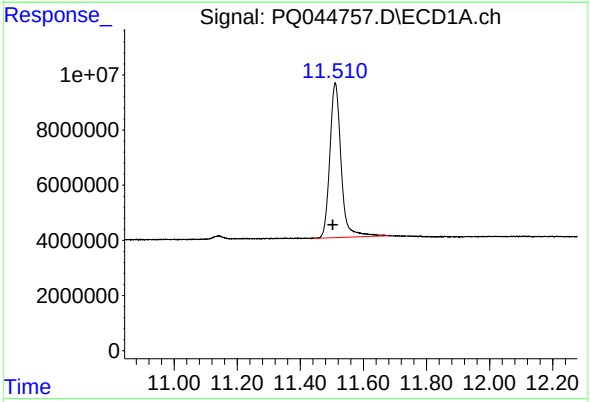


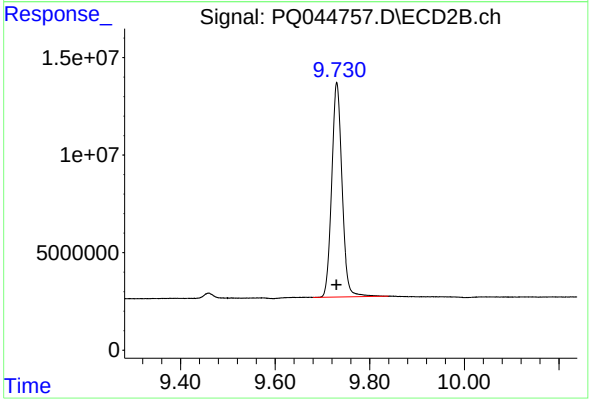
#1 Tetrachloro-m-xylene

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 50790852
Conc: 14.17 ng/ml



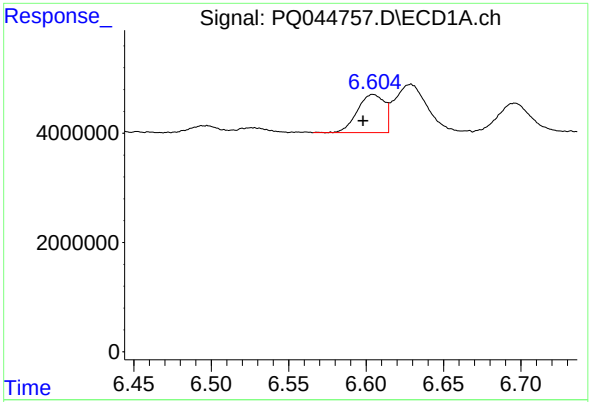
#2 Decachlorobiphenyl

R.T.: 11.511 min
Delta R.T.: 0.008 min
Response: 138723737
Conc: 20.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 166750283
Conc: 20.96 ng/ml



#3 AR-1016-1

R.T.: 6.605 min
Delta R.T.: 0.007 min
Response: 8538183
Conc: 38.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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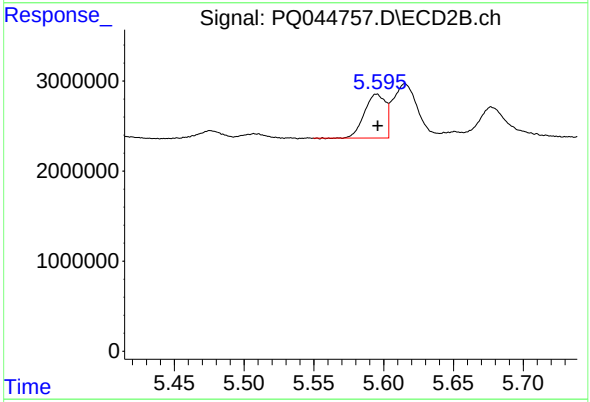
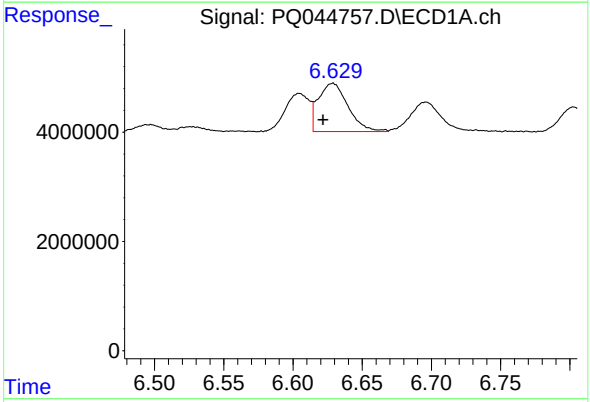


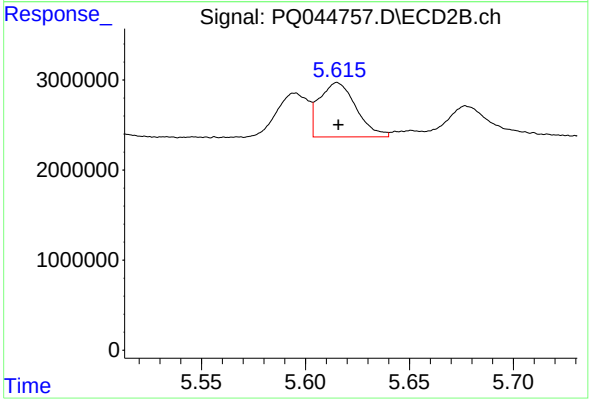
#3 AR-1016-1

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 5136249
Conc: 36.59 ng/ml



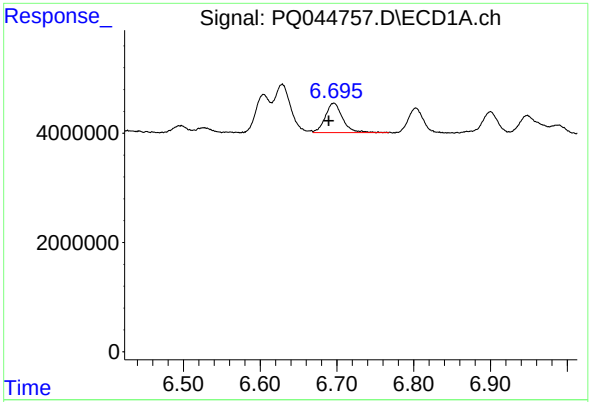
#4 AR-1016-2

R.T.: 6.629 min
Delta R.T.: 0.007 min
Response: 13216699
Conc: 39.16 ng/ml



#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 7405740
Conc: 36.07 ng/ml



#5 AR-1016-3

R.T.: 6.696 min
Delta R.T.: 0.006 min
Response: 8484260
Conc: 39.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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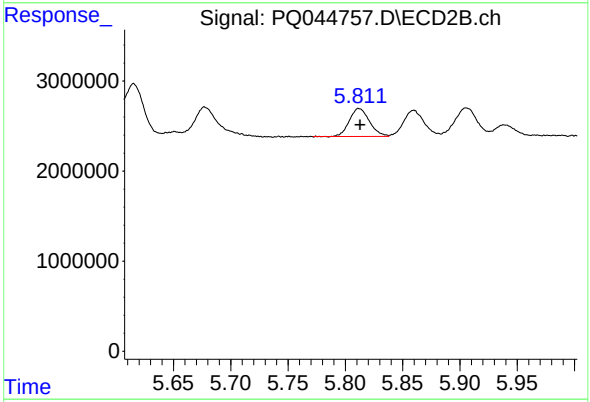
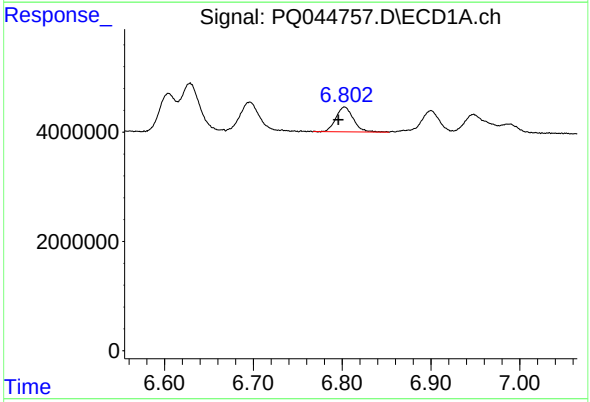


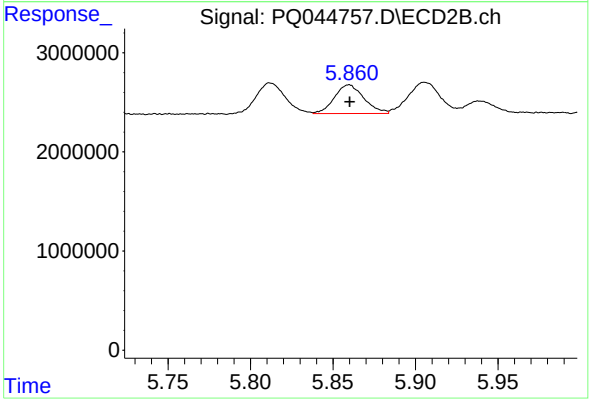
#5 AR-1016-3

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 3795602
Conc: 35.33 ng/ml



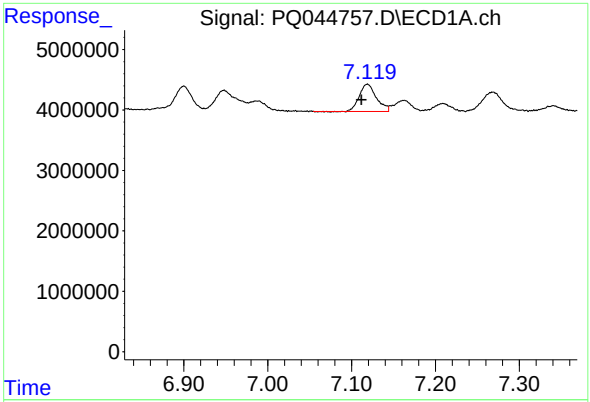
#6 AR-1016-4

R.T.: 6.803 min
Delta R.T.: 0.007 min
Response: 6210176
Conc: 35.91 ng/ml



#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 3611715
Conc: 38.16 ng/ml



#7 AR-1016-5

R.T.: 7.119 min
Delta R.T.: 0.007 min
Response: 6427104
Conc: 35.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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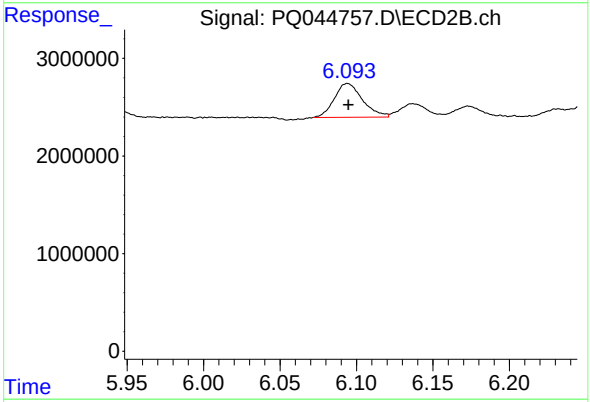
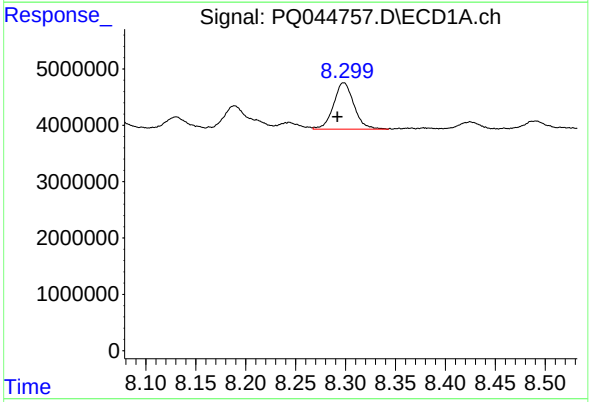


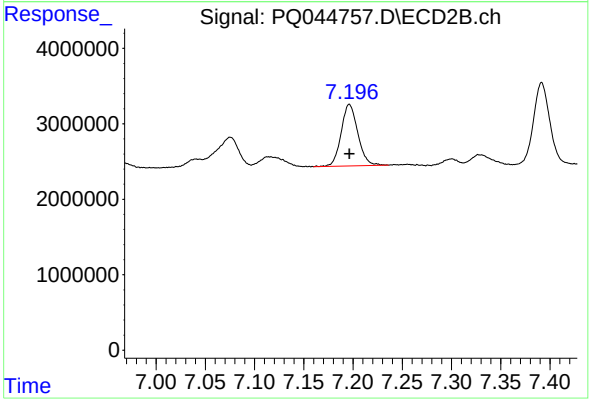
#7 AR-1016-5

R.T.: 6.093 min
Delta R.T.: -0.001 min
Response: 4469072
Conc: 35.78 ng/ml m



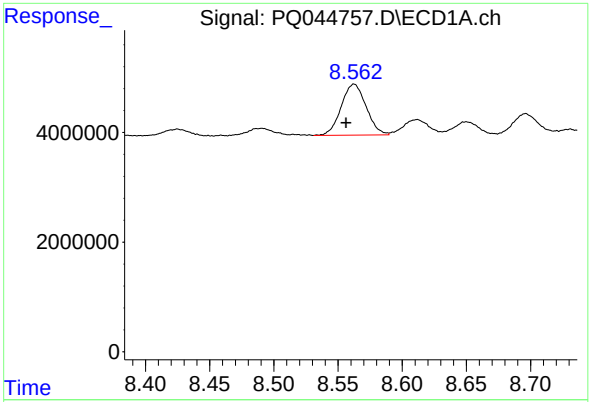
#31 AR-1260-1

R.T.: 8.298 min
Delta R.T.: 0.007 min
Response: 11690199
Conc: 42.46 ng/ml



#31 AR-1260-1

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 9622365
Conc: 37.97 ng/ml



#32 AR-1260-2

R.T.: 8.562 min
Delta R.T.: 0.006 min
Response: 12548118
Conc: 38.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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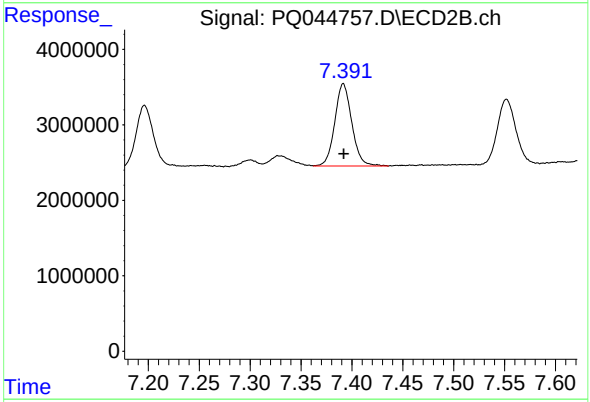
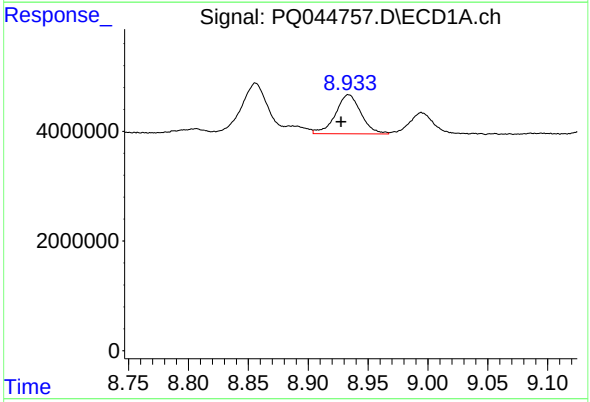


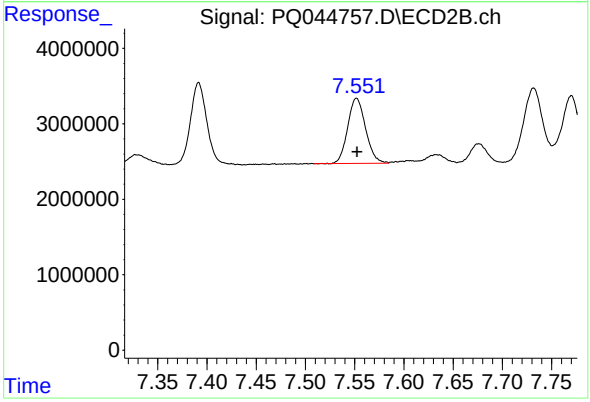
#32 AR-1260-2

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 12704264
Conc: 38.78 ng/ml



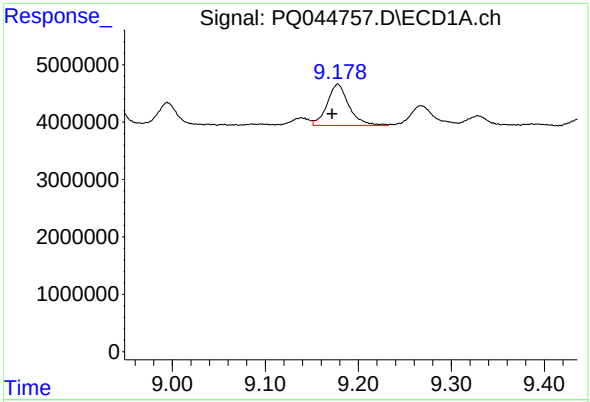
#33 AR-1260-3

R.T.: 8.934 min
Delta R.T.: 0.006 min
Response: 10568178
Conc: 42.93 ng/ml



#33 AR-1260-3

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 10916068
Conc: 37.05 ng/ml



#34 AR-1260-4

R.T.: 9.178 min
Delta R.T.: 0.006 min
Response: 11721191
Conc: 42.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
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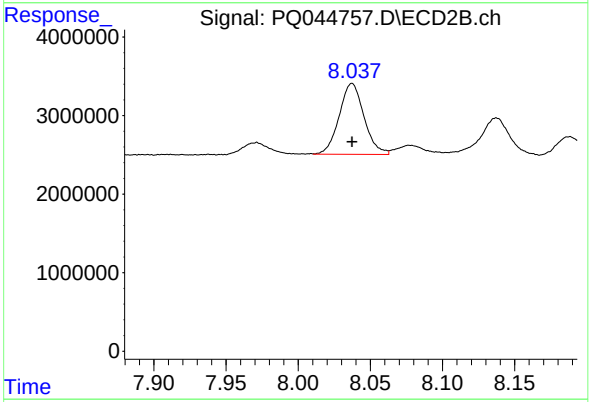
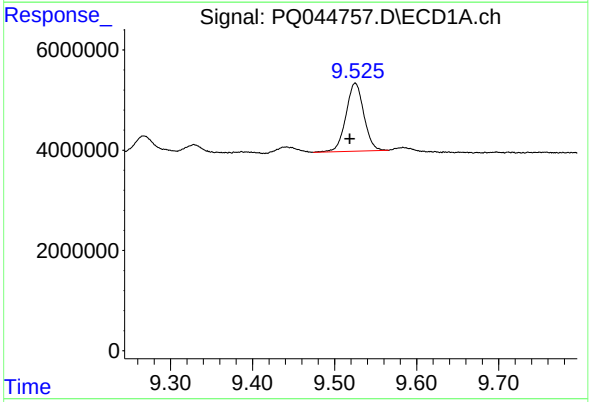


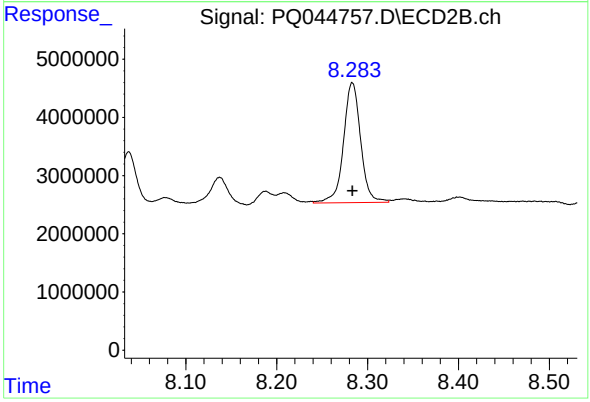
#34 AR-1260-4

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 10819740
Conc: 39.85 ng/ml



#35 AR-1260-5

R.T.: 9.525 min
Delta R.T.: 0.007 min
Response: 20556156
Conc: 40.39 ng/ml



#35 AR-1260-5

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 27041359
Conc: 39.30 ng/ml m