Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
Data File : PQ053553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2021 13:16
Operator : DD\AJ
Sample : M2262-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 18:36:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 14 03:47:40 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...	5.222	4.237	474.5E6	204.5E6	16.437	15.875m
2)	SA Decachlor...	11.407	9.573	492.9E6	245.4E6	16.503	17.286
	Target Compounds						
3)	L1 AR-1016-1	6.547	5.495	33648801	16762205	33.981	36.828
4)	L1 AR-1016-2	6.571	5.516	54468429	25046266	35.377	36.966
5)	L1 AR-1016-3	6.638	5.708	30583743	12978251	33.396	37.492
6)	L1 AR-1016-4	6.746	5.758	28746621	11746667	39.008	41.526
7)	L1 AR-1016-5	7.057	5.989	23272318	14447695	32.264m	40.024
31)	L7 AR-1260-1	8.233	7.082	54258532	36047015	39.839	44.685
32)	L7 AR-1260-2	8.496	7.279	70845110	43404904	41.227	38.234
33)	L7 AR-1260-3	8.861	7.434	45694794	35366500	37.914	37.073
34)	L7 AR-1260-4	9.105	7.916	47155577	26277836	37.025	36.165
35)	L7 AR-1260-5	9.450	8.163	100.6E6	65566227	36.588	34.230

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

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Acq On : 17 May 2021 13:16
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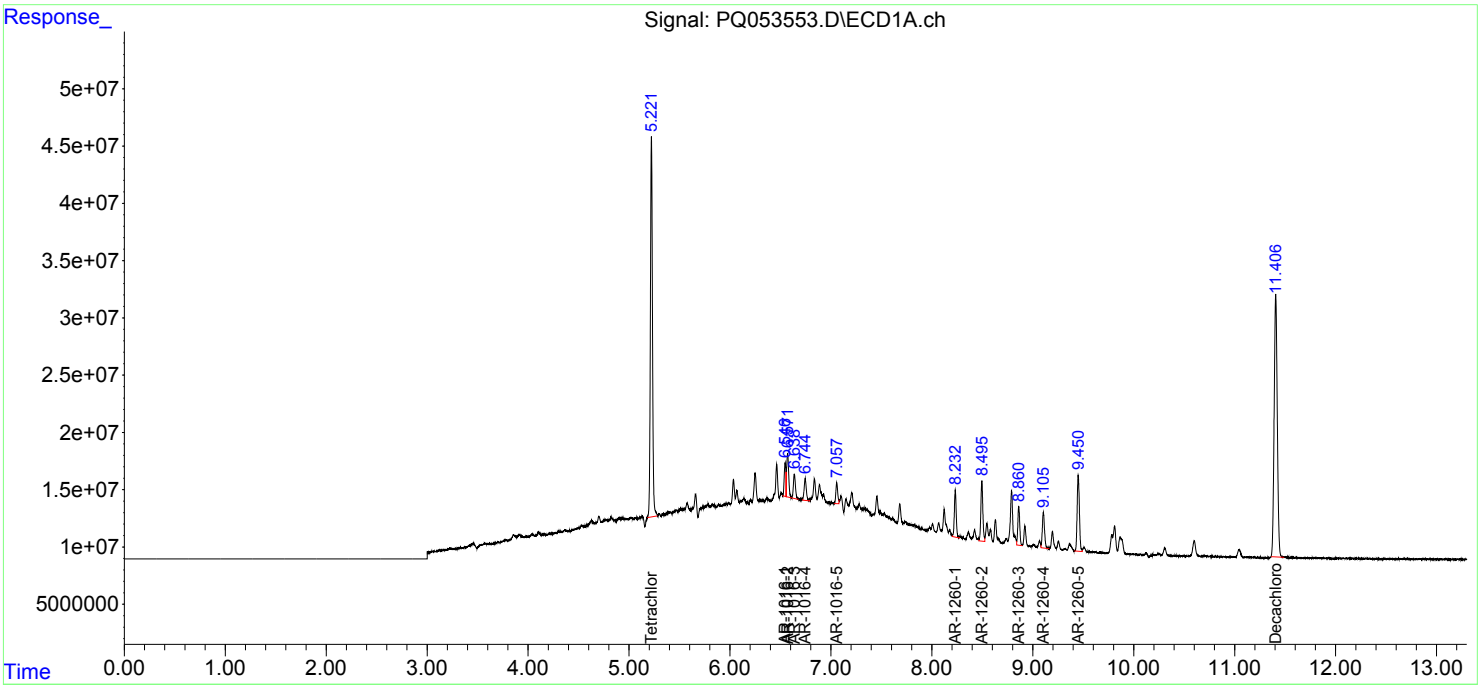

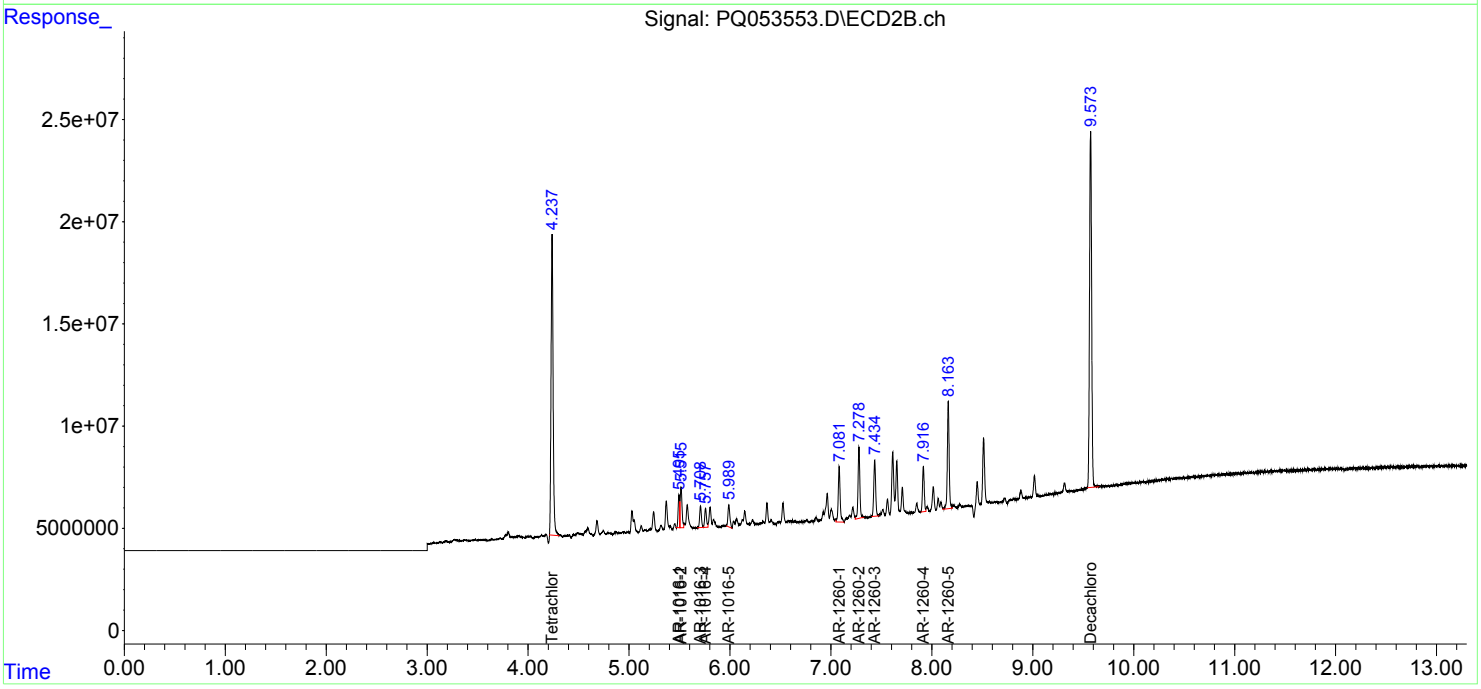

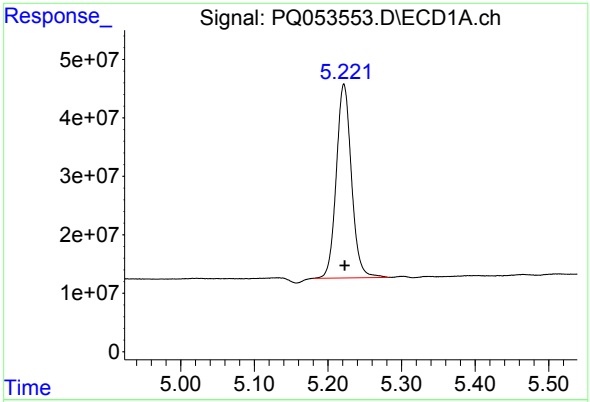

#1 Tetrachloro-m-xylene

R.T.: 5.222 min
Delta R.T.: -0.001 min
Response: 474549352
Conc: 16.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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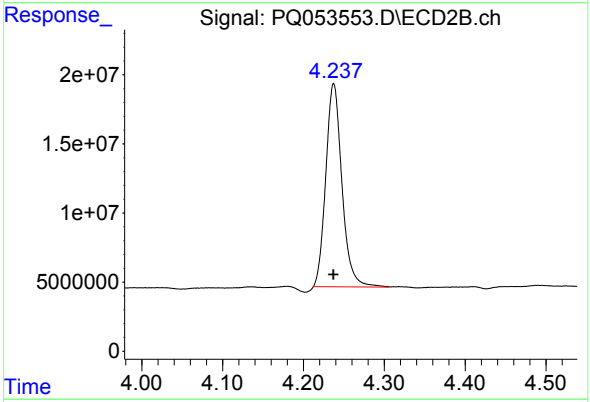
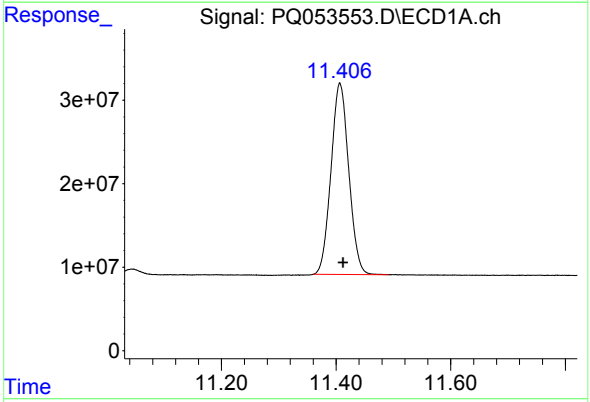


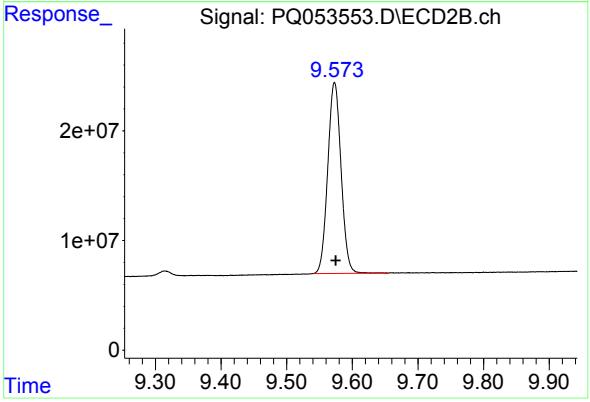
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 204549426
Conc: 15.88 ng/ml m



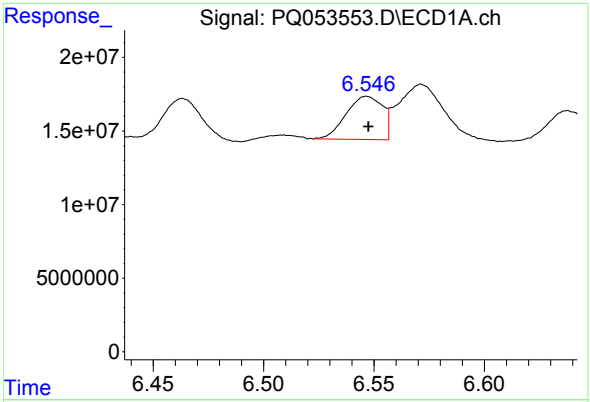
#2 Decachlorobiphenyl

R.T.: 11.407 min
Delta R.T.: -0.006 min
Response: 492890654
Conc: 16.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 245427839
Conc: 17.29 ng/ml



#3 AR-1016-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 33648801
Conc: 33.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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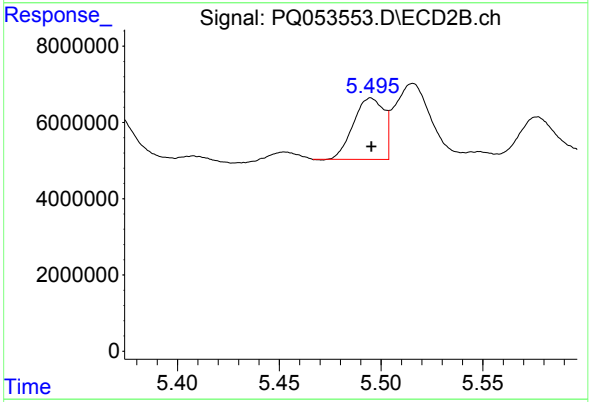
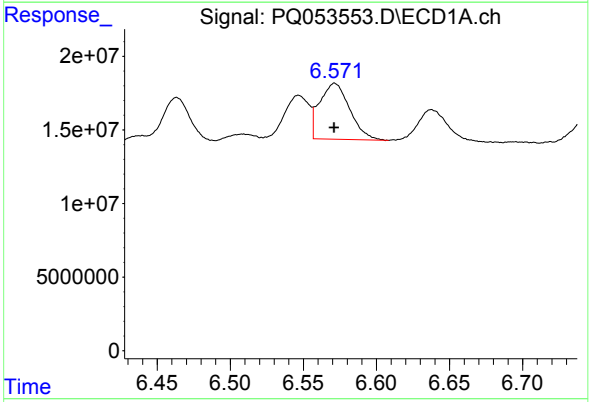


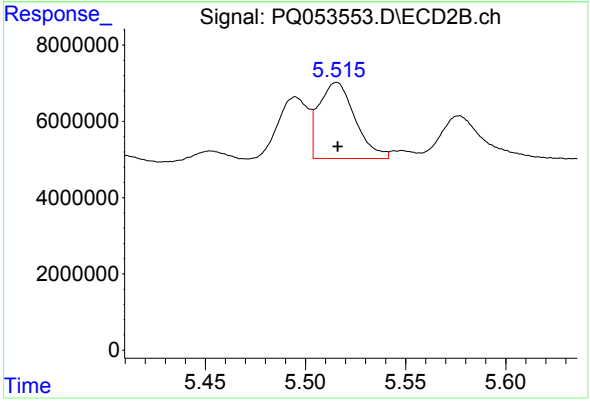
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 16762205
Conc: 36.83 ng/ml



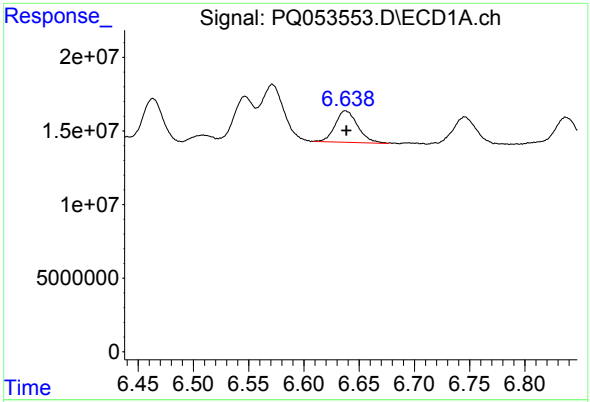
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 54468429
Conc: 35.38 ng/ml



#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 25046266
Conc: 36.97 ng/ml



#5 AR-1016-3

R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 30583743
Conc: 33.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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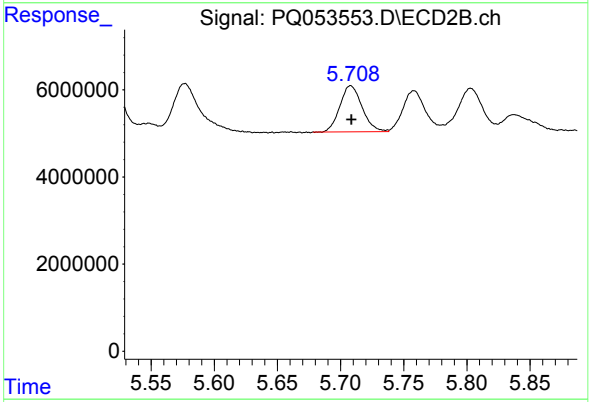
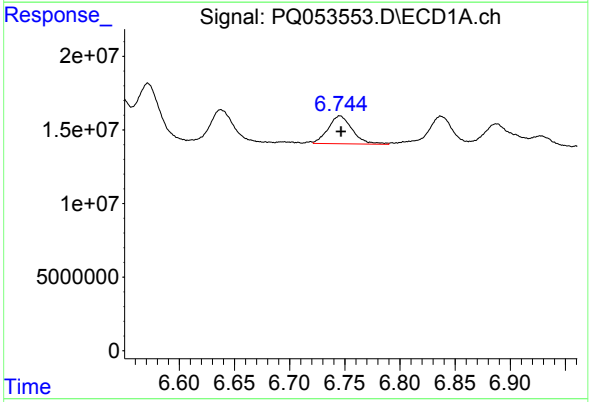


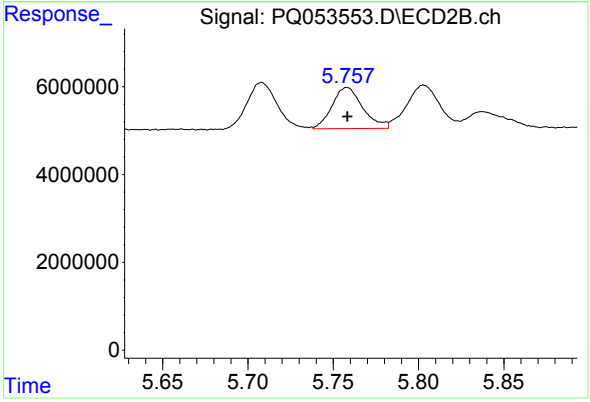
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 12978251
Conc: 37.49 ng/ml



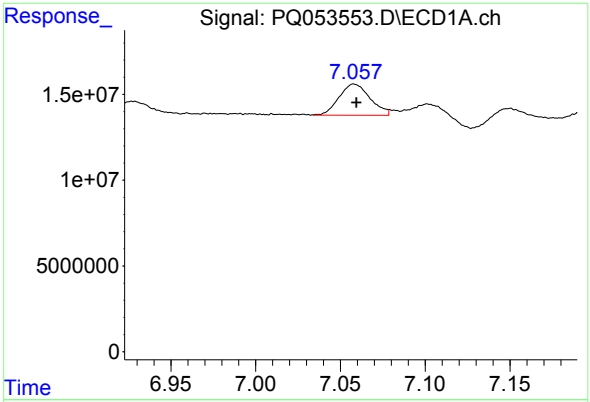
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 28746621
Conc: 39.01 ng/ml



#6 AR-1016-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 11746667
Conc: 41.53 ng/ml



#7 AR-1016-5

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 23272318
Conc: 32.26 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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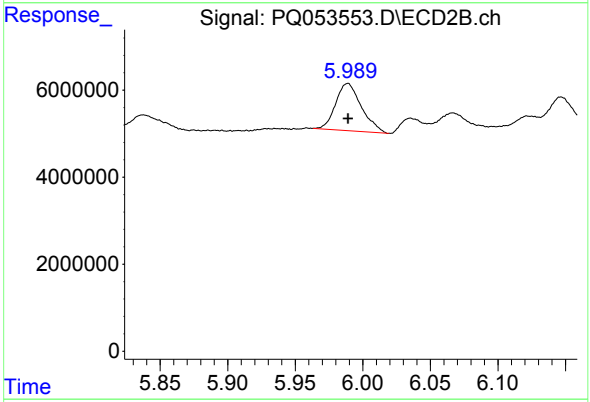
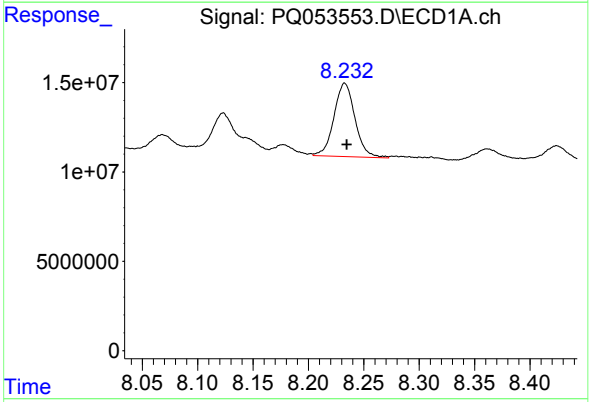


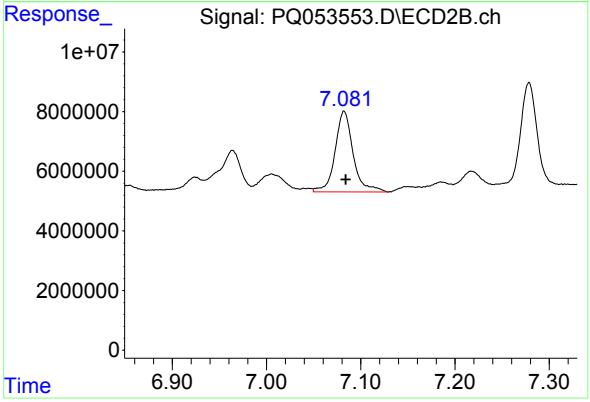
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 14447695
Conc: 40.02 ng/ml



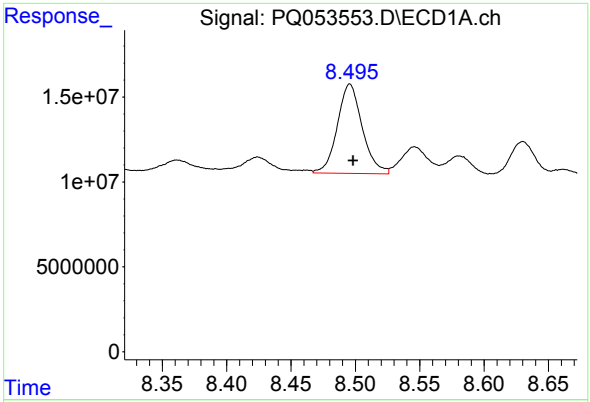
#31 AR-1260-1

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 54258532
Conc: 39.84 ng/ml



#31 AR-1260-1

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 36047015
Conc: 44.68 ng/ml



#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 70845110
Conc: 41.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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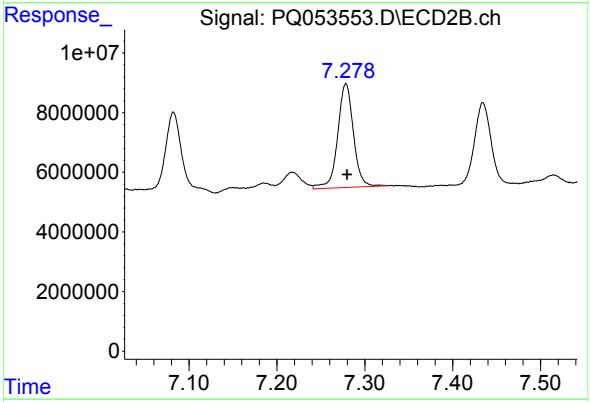
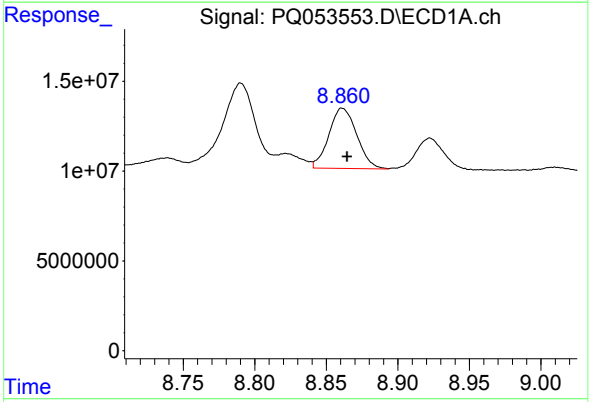


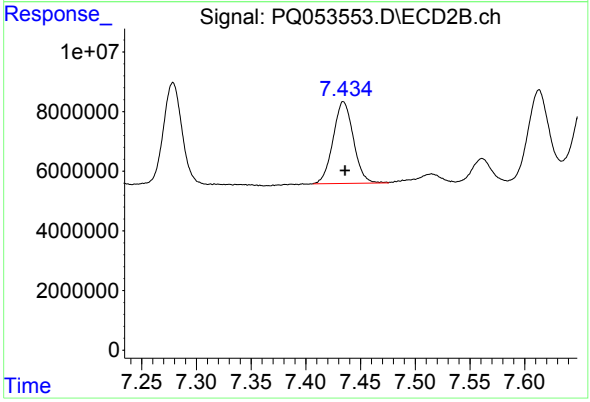
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 43404904
Conc: 38.23 ng/ml



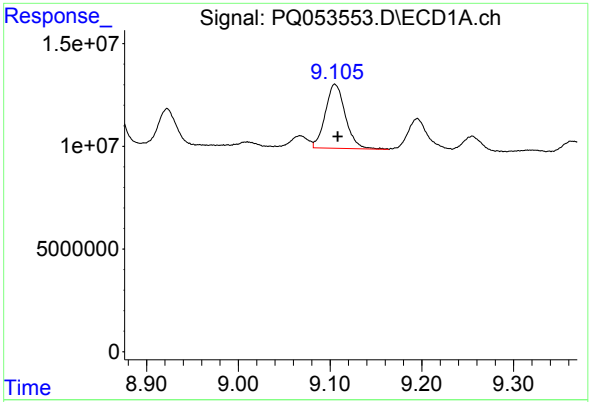
#33 AR-1260-3

R.T.: 8.861 min
Delta R.T.: -0.003 min
Response: 45694794
Conc: 37.91 ng/ml



#33 AR-1260-3

R.T.: 7.434 min
Delta R.T.: -0.002 min
Response: 35366500
Conc: 37.07 ng/ml



#34 AR-1260-4

R.T.: 9.105 min
Delta R.T.: -0.003 min
Response: 47155577
Conc: 37.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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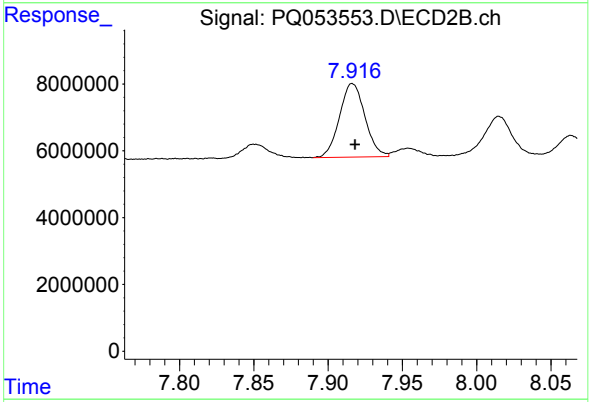
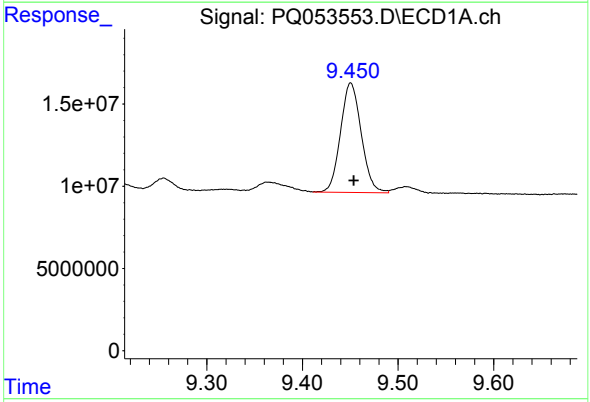


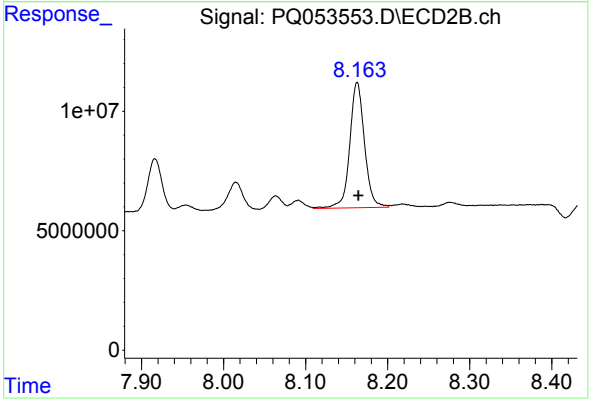
#34 AR-1260-4

R.T.: 7.916 min
Delta R.T.: -0.002 min
Response: 26277836
Conc: 36.16 ng/ml



#35 AR-1260-5

R.T.: 9.450 min
Delta R.T.: -0.003 min
Response: 100569848
Conc: 36.59 ng/ml



#35 AR-1260-5

R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 65566227
Conc: 34.23 ng/ml