Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042019\
Data File : PQ039170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2019 07:37
Operator : AJ\SJ
Sample : K2241-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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mohammad
4/29/2019 4:10:22 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 22 00:26:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 20 00:43:12 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...	5.707	4.797	80410426	46279877	19.437	18.409
2)	SA Decachlor...	12.115	10.561	111.1E6	64940479	18.790	18.840
	Target Compounds						
3)	L1 AR-1016-1	7.156	6.250	4295705	2425112	27.721	24.301
4)	L1 AR-1016-2	7.181	6.273	6964766	3568282	29.994	24.920
5)	L1 AR-1016-3	7.252	6.487	4278588	2106525	30.952	27.030
6)	L1 AR-1016-4	7.365	6.541	3044898	1717722	25.922m	27.653
7)	L1 AR-1016-5	7.699	6.794	2992439	2548992	25.234m	30.373
31)	L7 AR-1260-1	8.921	7.959	7127182	5006595	31.470	29.489m
32)	L7 AR-1260-2	9.191	8.162	7838562	6140383	28.615	29.954
33)	L7 AR-1260-3	9.566	8.327	6449037	5606444	28.902	28.747m
34)	L7 AR-1260-4	9.810	8.826	7224871	4485645	27.180	27.054
35)	L7 AR-1260-5	10.157	9.078	11910486	9767287	23.232	23.905

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

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Data File : PQ039170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2019 07:37
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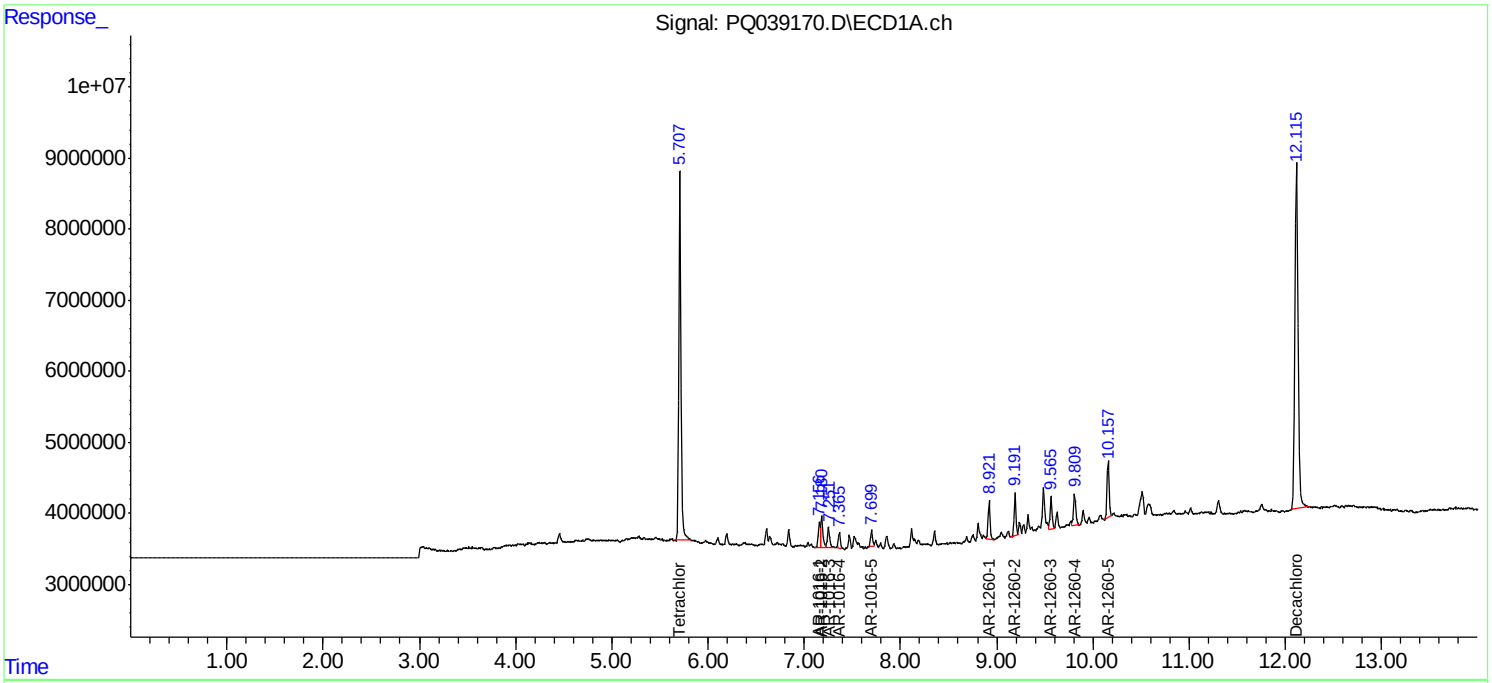

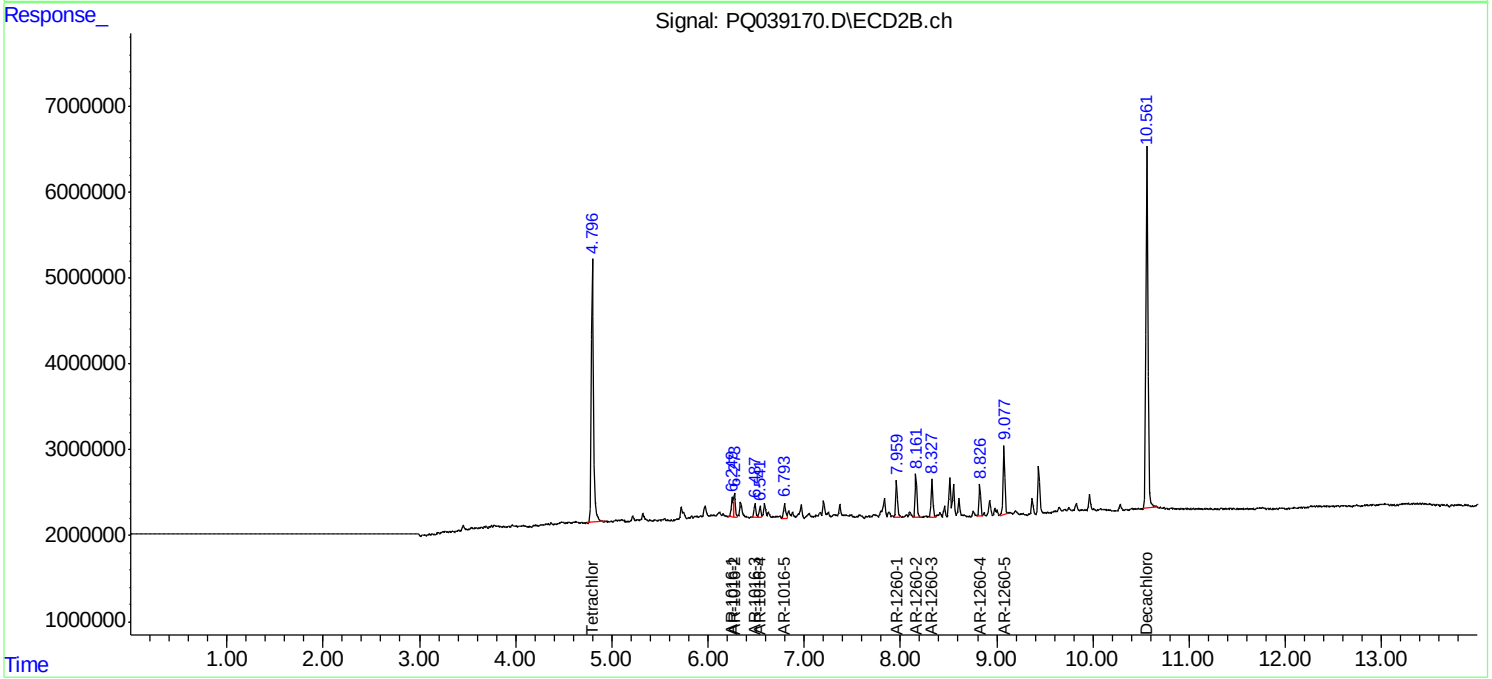

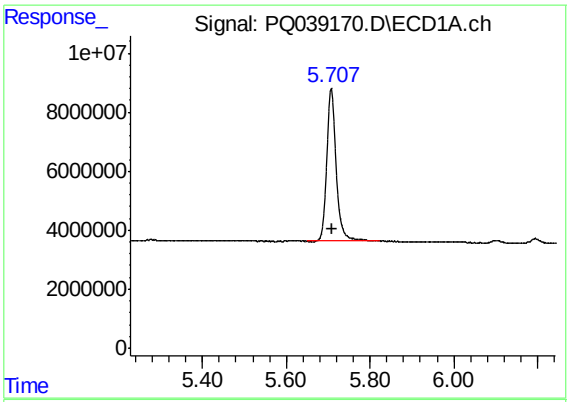

#1 Tetrachloro-m-xylene

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 80410426
Conc: 19.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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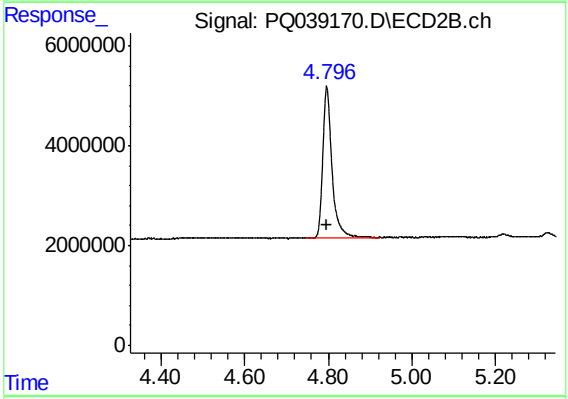
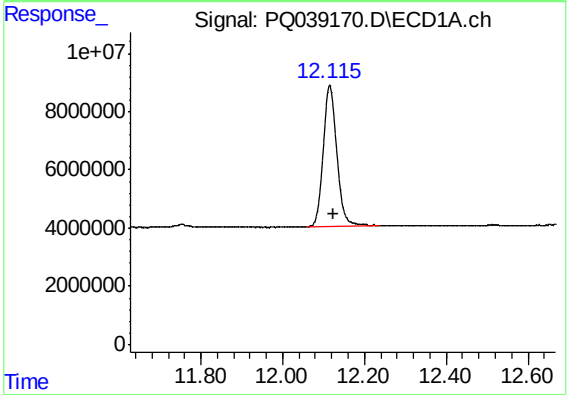


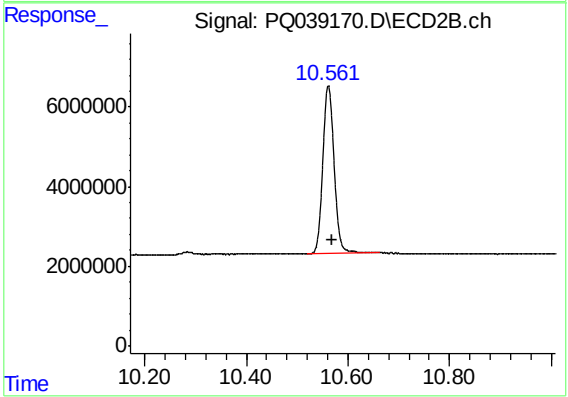
#1 Tetrachloro-m-xylene

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 46279877
Conc: 18.41 ng/ml



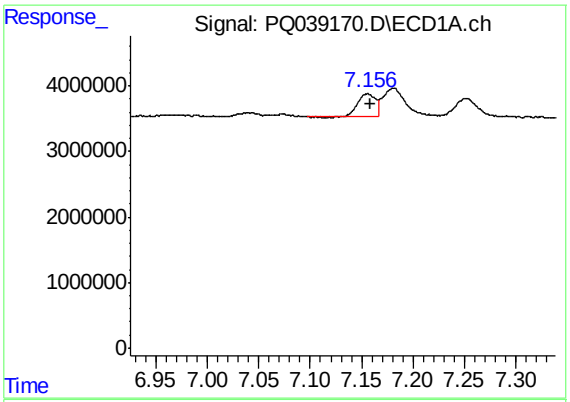
#2 Decachlorobiphenyl

R.T.: 12.115 min
Delta R.T.: -0.010 min
Response: 111130864
Conc: 18.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.561 min
Delta R.T.: -0.007 min
Response: 64940479
Conc: 18.84 ng/ml



#3 AR-1016-1

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 4295705
Conc: 27.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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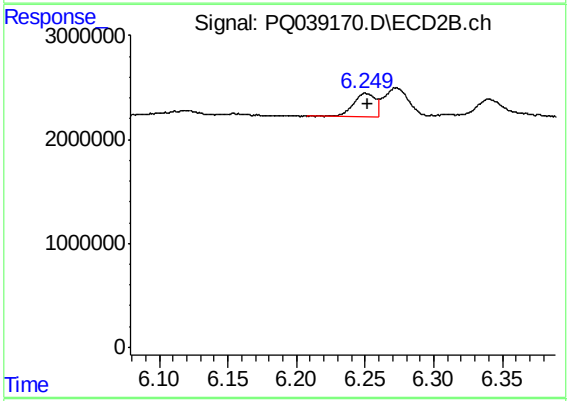
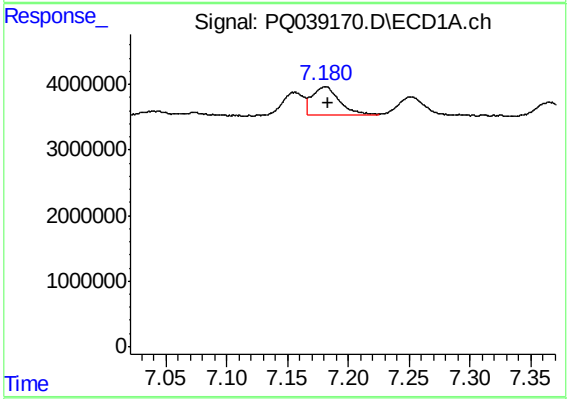


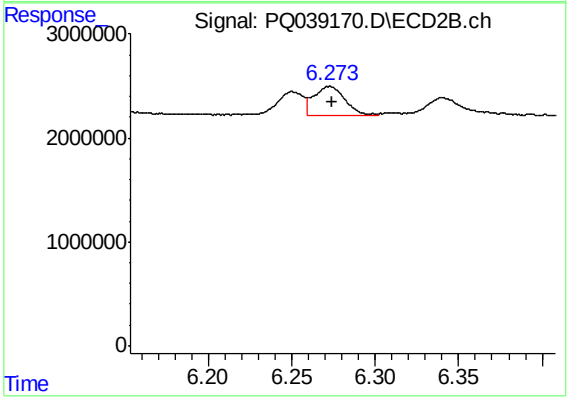
#3 AR-1016-1

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 2425112
Conc: 24.30 ng/ml



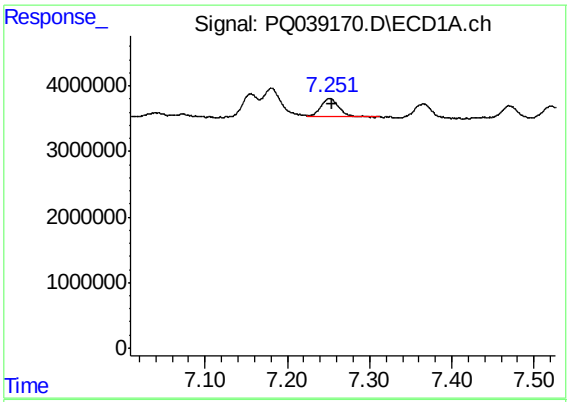
#4 AR-1016-2

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 6964766
Conc: 29.99 ng/ml



#4 AR-1016-2

R.T.: 6.273 min
Delta R.T.: -0.001 min
Response: 3568282
Conc: 24.92 ng/ml



#5 AR-1016-3

R.T.: 7.252 min
Delta R.T.: -0.003 min
Response: 4278588
Conc: 30.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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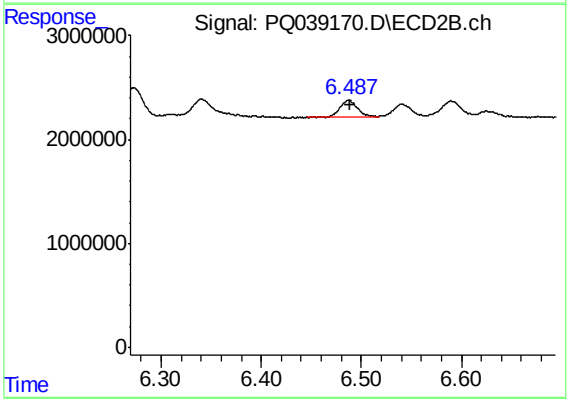
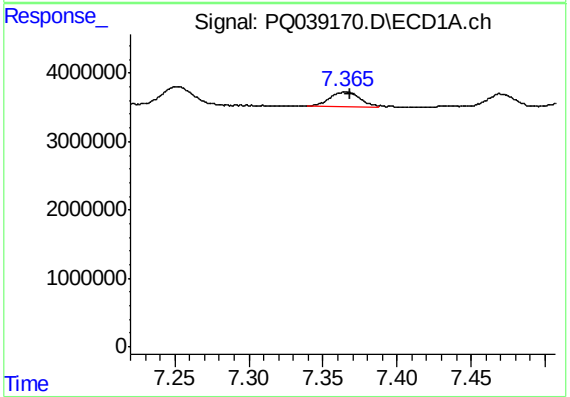


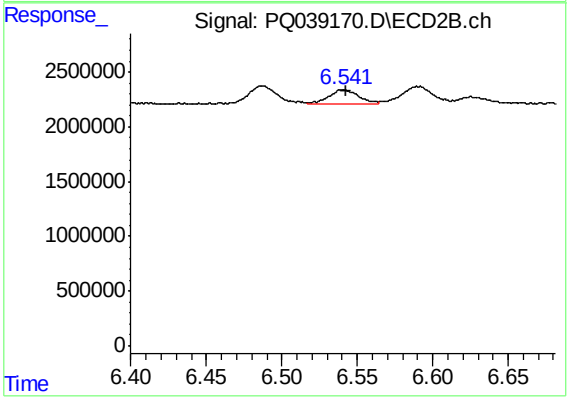
#5 AR-1016-3

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 2106525
Conc: 27.03 ng/ml



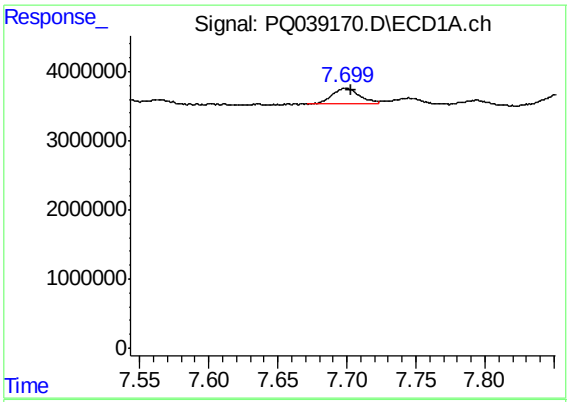
#6 AR-1016-4

R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 3044898
Conc: 25.92 ng/ml m



#6 AR-1016-4

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 1717722
Conc: 27.65 ng/ml



#7 AR-1016-5

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 2992439
Conc: 25.23 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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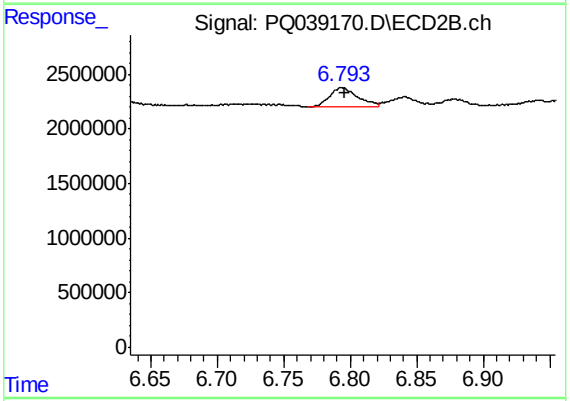
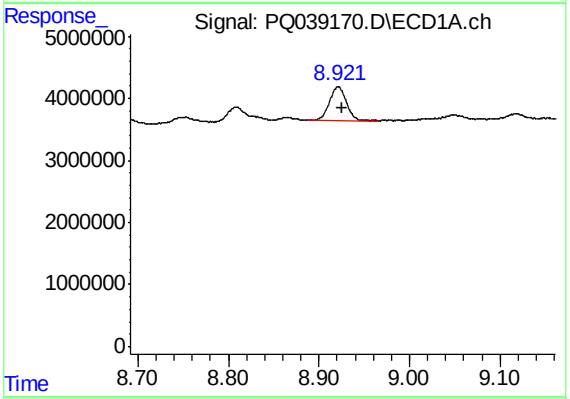


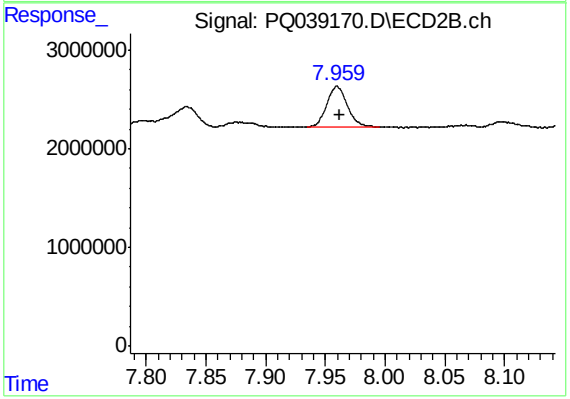
#7 AR-1016-5

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 2548992
Conc: 30.37 ng/ml



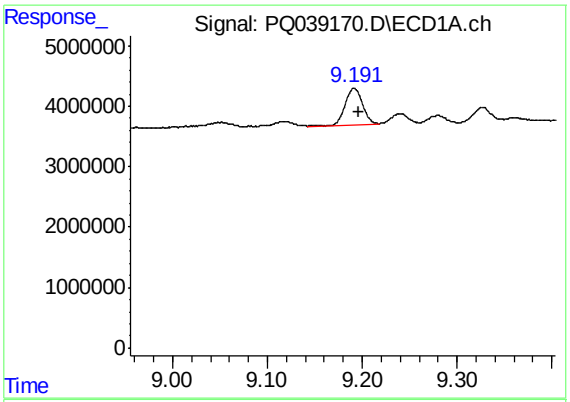
#31 AR-1260-1

R.T.: 8.921 min
Delta R.T.: -0.004 min
Response: 7127182
Conc: 31.47 ng/ml



#31 AR-1260-1

R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 5006595
Conc: 29.49 ng/ml m



#32 AR-1260-2

R.T.: 9.191 min
Delta R.T.: -0.005 min
Response: 7838562
Conc: 28.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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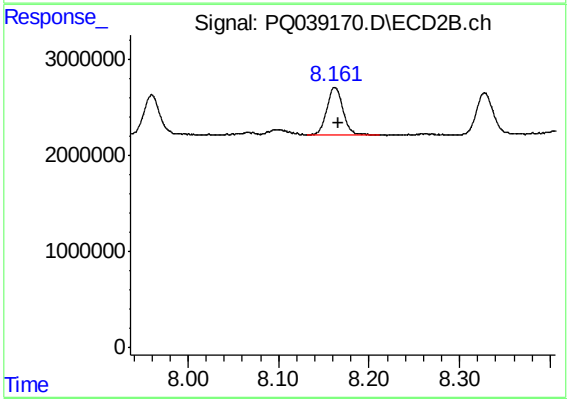
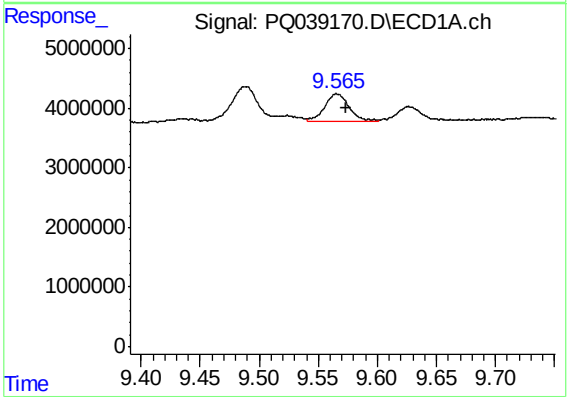


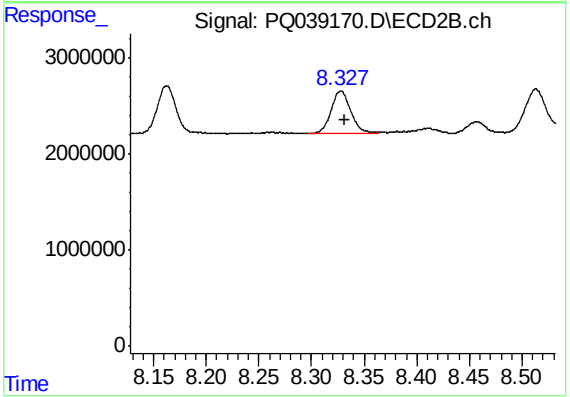
#32 AR-1260-2

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 6140383
Conc: 29.95 ng/ml



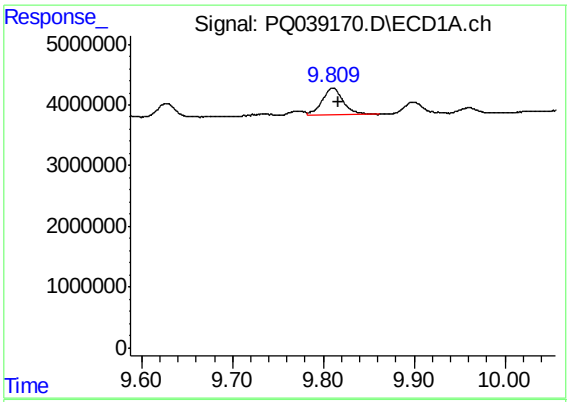
#33 AR-1260-3

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 6449037
Conc: 28.90 ng/ml



#33 AR-1260-3

R.T.: 8.327 min
Delta R.T.: -0.004 min
Response: 5606444
Conc: 28.75 ng/ml m



#34 AR-1260-4

R.T.: 9.810 min
Delta R.T.: -0.006 min
Response: 7224871
Conc: 27.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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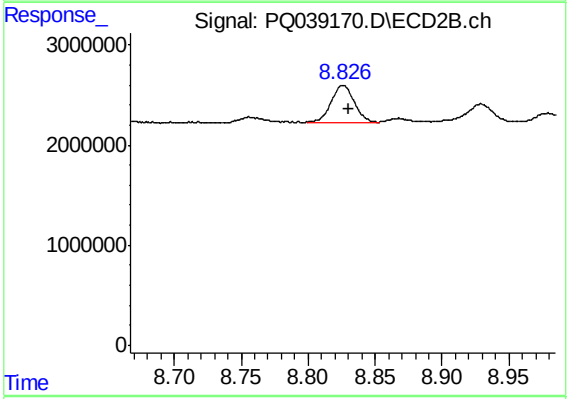
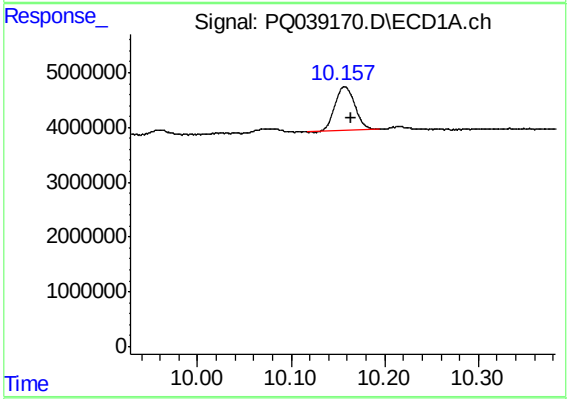


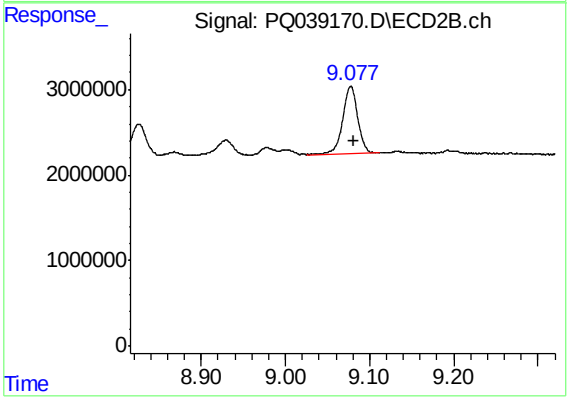
#34 AR-1260-4

R.T.: 8.826 min
Delta R.T.: -0.004 min
Response: 4485645
Conc: 27.05 ng/ml



#35 AR-1260-5

R.T.: 10.157 min
Delta R.T.: -0.008 min
Response: 11910486
Conc: 23.23 ng/ml



#35 AR-1260-5

R.T.: 9.078 min
Delta R.T.: -0.004 min
Response: 9767287
Conc: 23.91 ng/ml