Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
Data File : PR055653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 15:17
Operator : AJ\MA
Sample : N3980-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 03:41:58 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 05 12:39:02 2022
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...	3.635	2.905	81414420	39044083	19.080	19.446
2)	SA Decachlor...	9.531	8.126	33779674	34820094	18.998	19.142
	Target Compounds						
3)	L1 AR-1016-1	4.857	4.014	3305344	1781188	28.545	27.504
4)	L1 AR-1016-2	4.879	4.031	4781698	2369090	29.136	25.938
5)	L1 AR-1016-3	4.943	4.208	2866999	1433517	28.989	28.113
6)	L1 AR-1016-4	5.045	4.259	2208825	1123950	27.885	29.584
7)	L1 AR-1016-5	5.360	4.474	2091349	1270638	28.925	25.758
31)	L7 AR-1260-1	6.573	5.557	3314292	2878666	30.614	28.570
32)	L7 AR-1260-2	6.856	5.761	3974358	3897771	32.120	31.880
33)	L7 AR-1260-3	7.247	5.918	2807593	3062083	31.103	27.075
34)	L7 AR-1260-4	7.488	6.421	3448356	2640939	33.587	27.597
35)	L7 AR-1260-5	7.829	6.685	5937016	6149140	30.542	27.384

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

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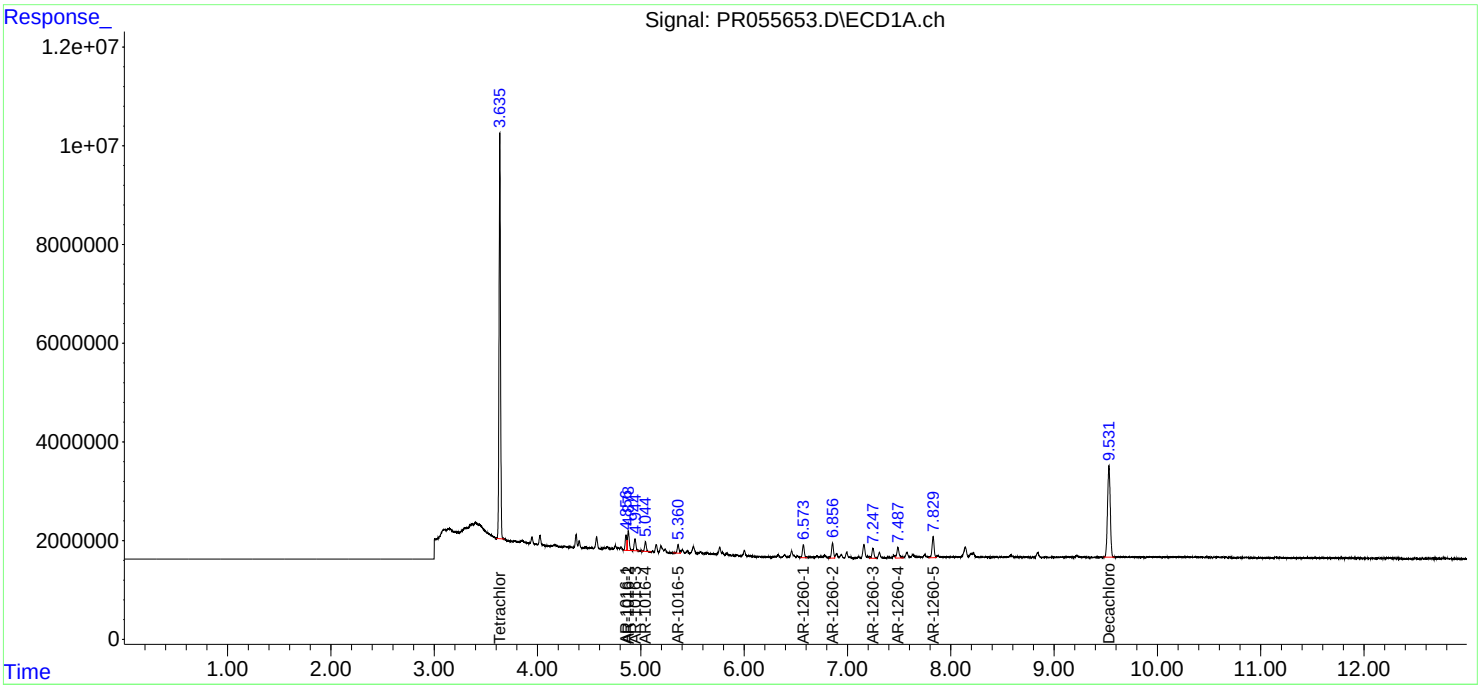
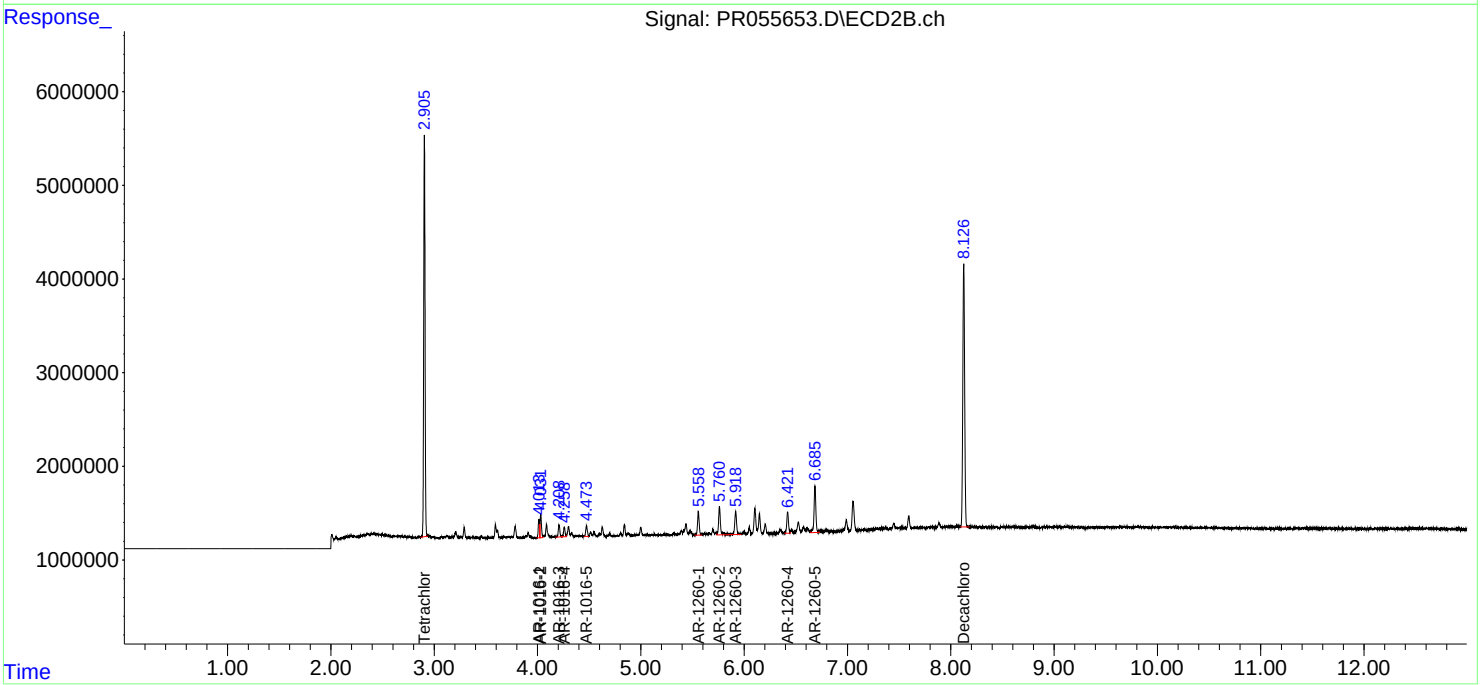
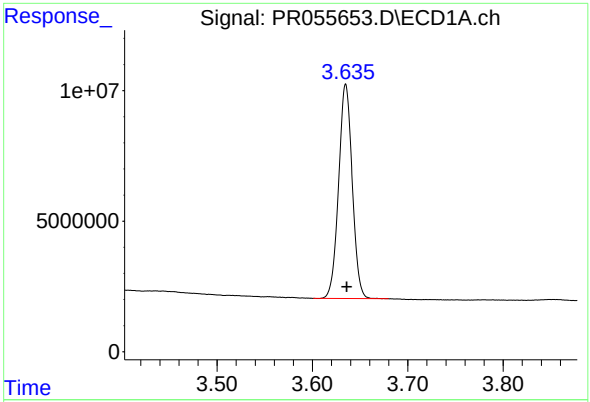
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



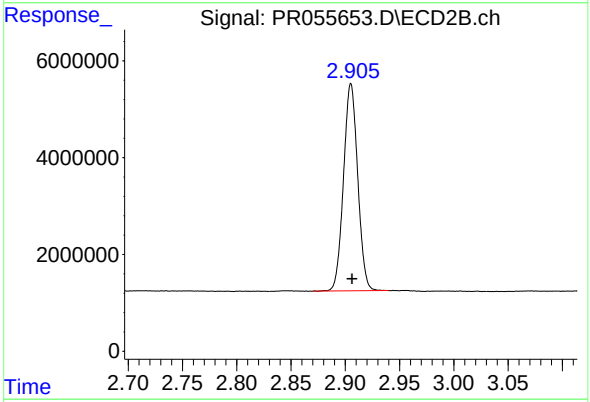




#1 Tetrachloro-m-xylene

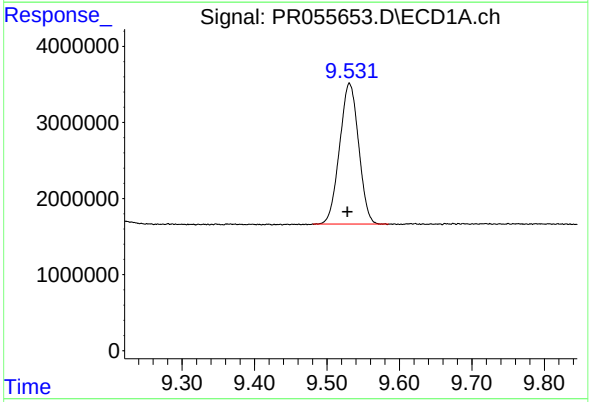
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 81414420
Conc: 19.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



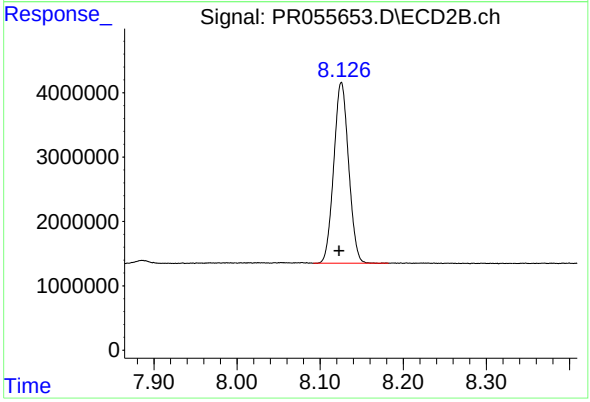
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 39044083
Conc: 19.45 ng/ml



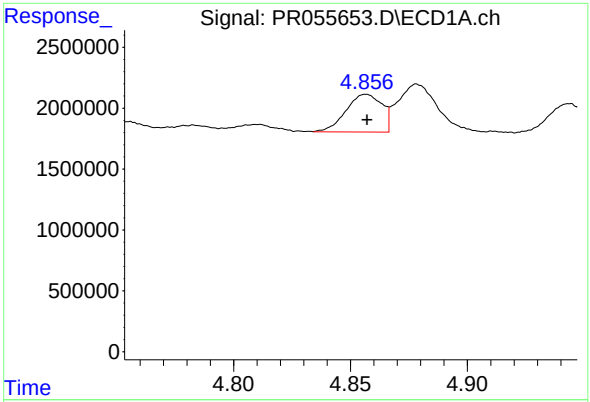
#2 Decachlorobiphenyl

R.T.: 9.531 min
Delta R.T.: 0.003 min
Response: 33779674
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

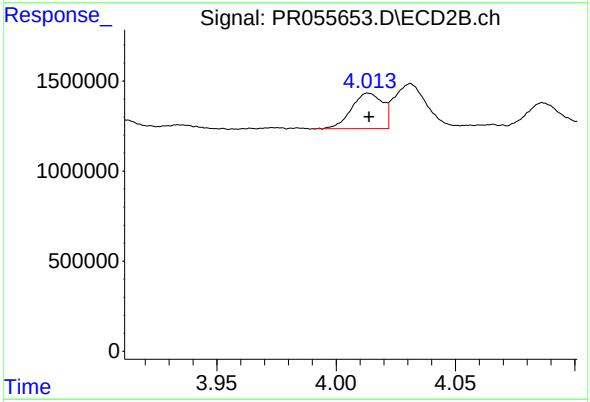
R.T.: 8.126 min
Delta R.T.: 0.003 min
Response: 34820094
Conc: 19.14 ng/ml



#3 AR-1016-1

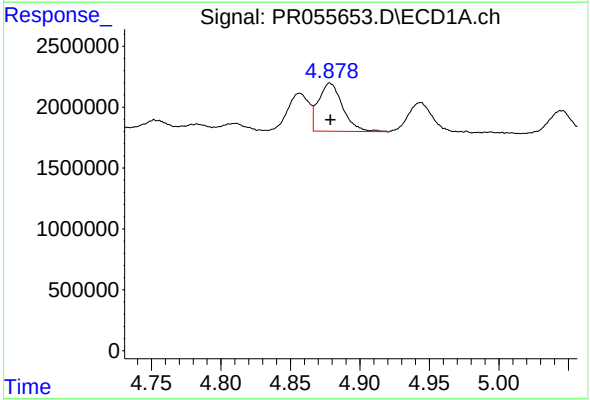
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3305344
Conc: 28.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



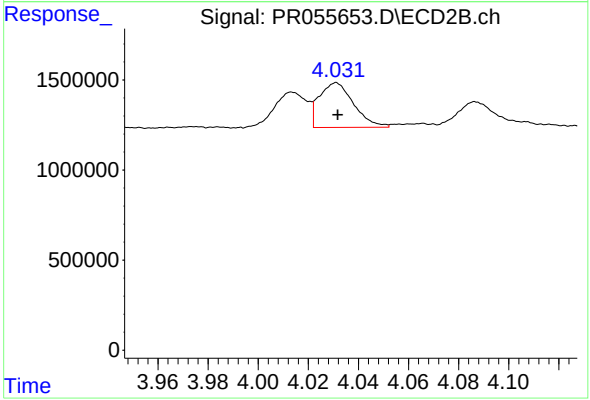
#3 AR-1016-1

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1781188
Conc: 27.50 ng/ml



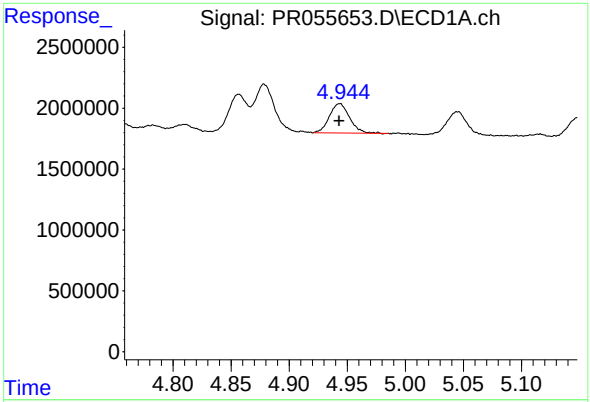
#4 AR-1016-2

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4781698
Conc: 29.14 ng/ml



#4 AR-1016-2

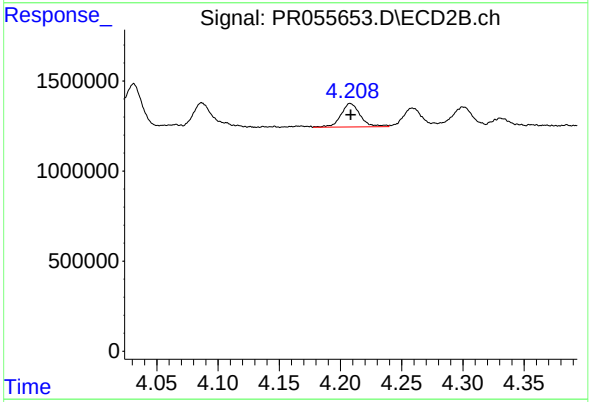
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 2369090
Conc: 25.94 ng/ml



#5 AR-1016-3

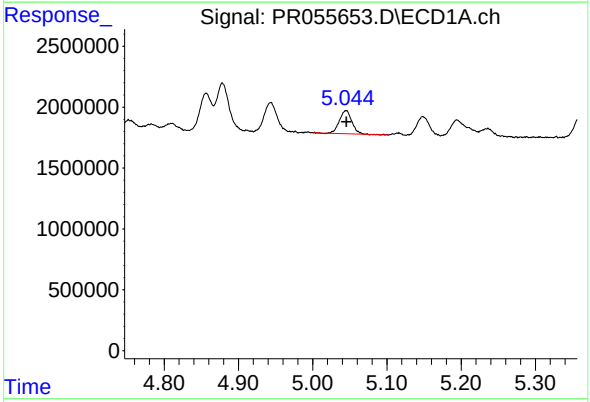
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 2866999
Conc: 28.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



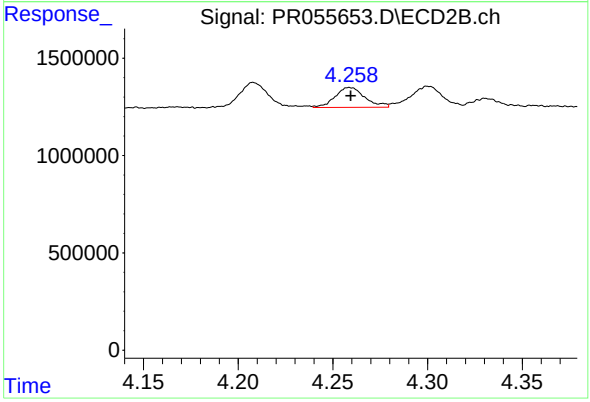
#5 AR-1016-3

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 1433517
Conc: 28.11 ng/ml



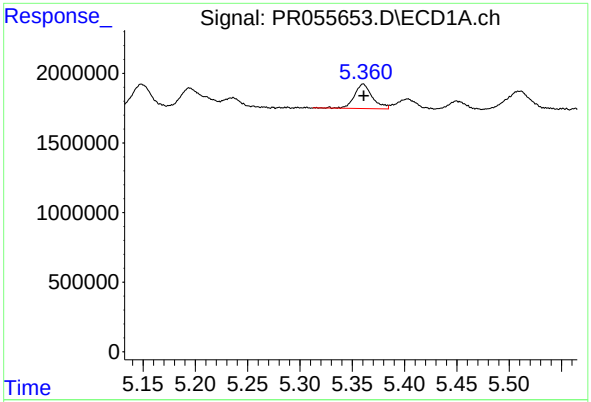
#6 AR-1016-4

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 2208825
Conc: 27.88 ng/ml



#6 AR-1016-4

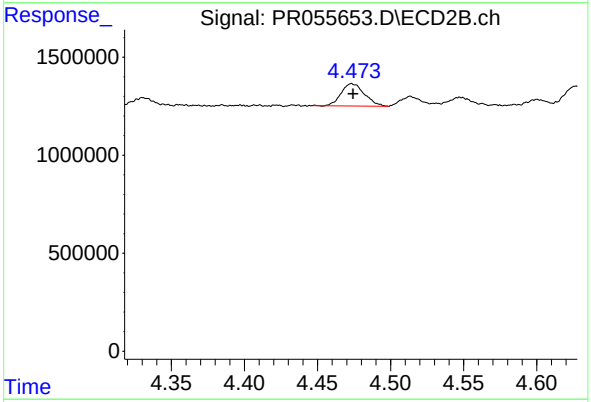
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1123950
Conc: 29.58 ng/ml



#7 AR-1016-5

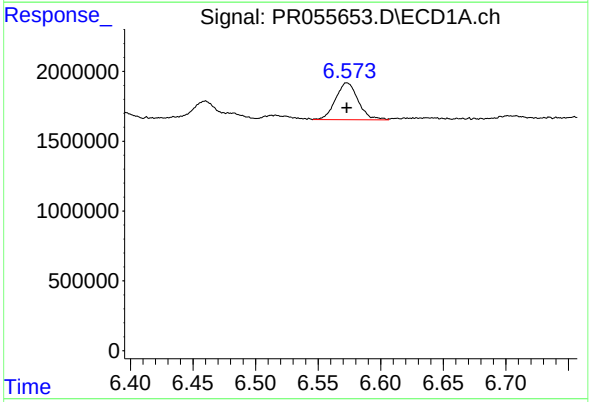
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2091349
Conc: 28.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



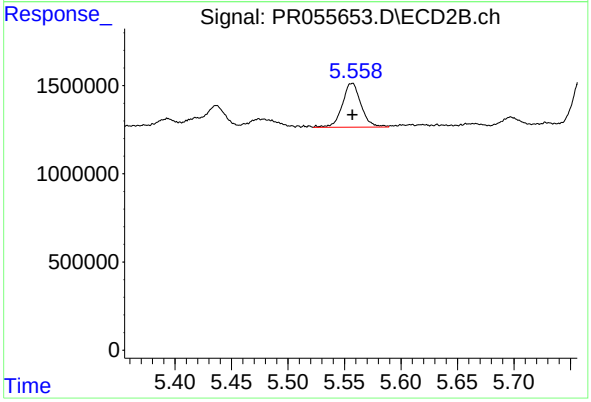
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 1270638
Conc: 25.76 ng/ml



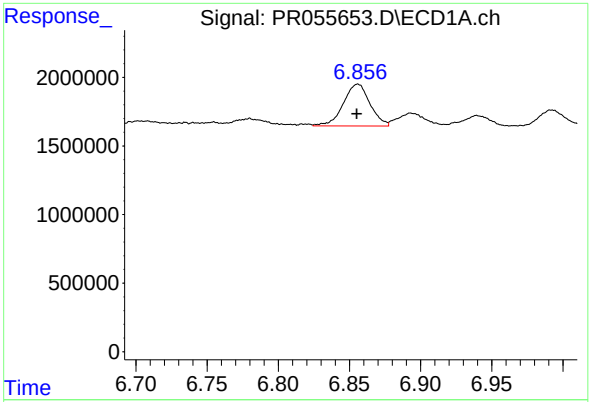
#31 AR-1260-1

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 3314292
Conc: 30.61 ng/ml



#31 AR-1260-1

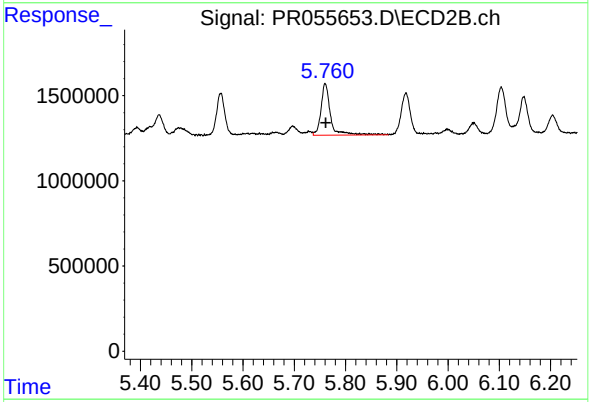
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 2878666
Conc: 28.57 ng/ml



#32 AR-1260-2

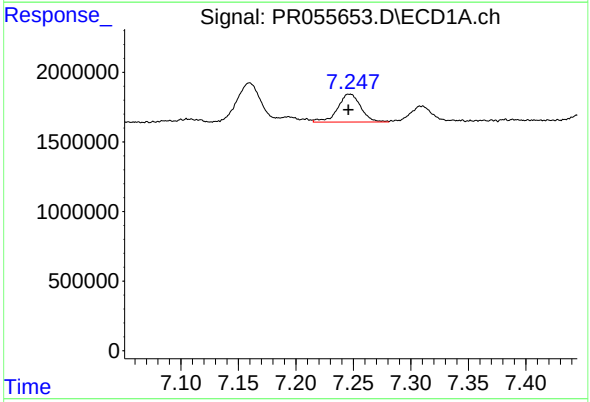
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 3974358
Conc: 32.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



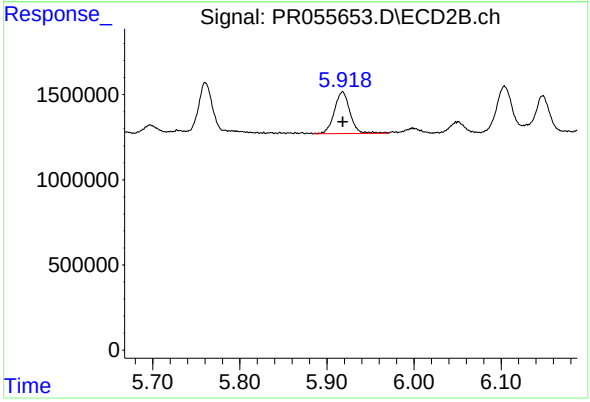
#32 AR-1260-2

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 3897771
Conc: 31.88 ng/ml



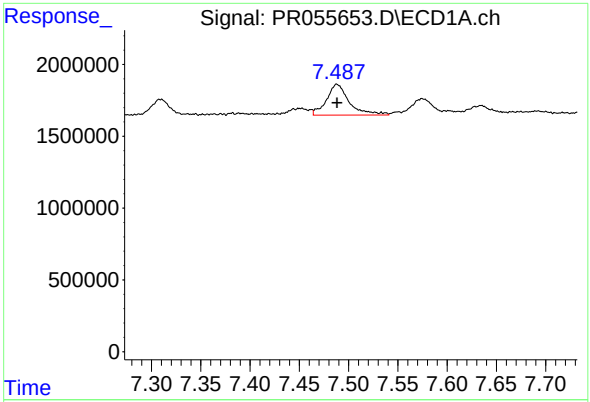
#33 AR-1260-3

R.T.: 7.247 min
Delta R.T.: 0.001 min
Response: 2807593
Conc: 31.10 ng/ml



#33 AR-1260-3

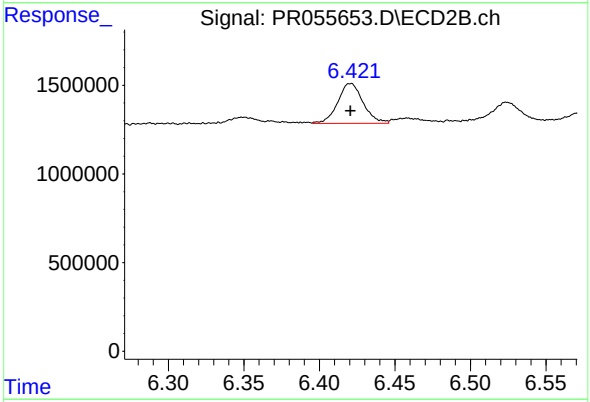
R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 3062083
Conc: 27.08 ng/ml



#34 AR-1260-4

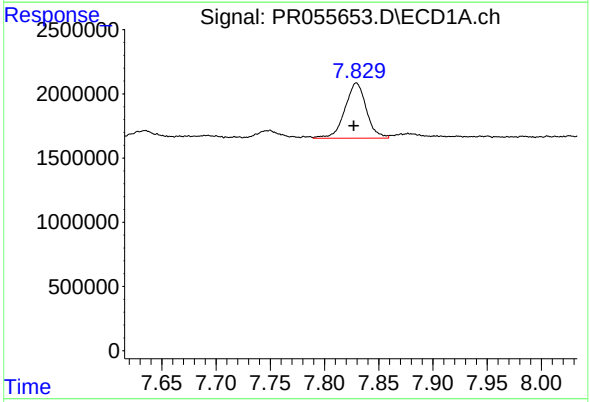
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 3448356
Conc: 33.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



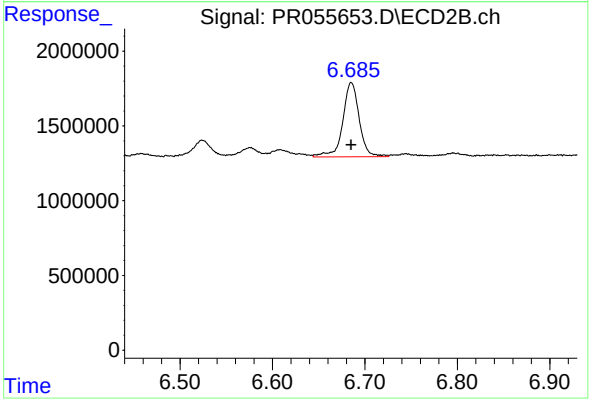
#34 AR-1260-4

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 2640939
Conc: 27.60 ng/ml



#35 AR-1260-5

R.T.: 7.829 min
Delta R.T.: 0.003 min
Response: 5937016
Conc: 30.54 ng/ml



#35 AR-1260-5

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 6149140
Conc: 27.38 ng/ml