Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031122\
Data File : PR053948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2022 17:14
Operator : AJ\MA
Sample : N1645-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 03:58:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031122.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 10 01:38:42 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...	3.558	2.806	36520125	23294505	19.183	18.518	
2)	SA Decachlor...	9.362	7.951	36080457	27027802	21.521	20.669	
	Target Compounds							
3)	L1 AR-1016-1	4.777	3.891	1539164	964063	23.619	21.249	
4)	L1 AR-1016-2	4.799	3.908	2564032	1933324	26.019	26.213	
5)	L1 AR-1016-3	4.864	4.080	1702003	1018072	28.755	25.082	
6)	L1 AR-1016-4	4.966	4.130	978799	636659	21.225	19.656	
7)	L1 AR-1016-5	5.276	4.341	1182048	1054813	25.018	25.970	
31)	L7 AR-1260-1	6.476	5.408	2281346	1791875	25.246m	23.635	
32)	L7 AR-1260-2	6.756	5.613	2630403	1936383	24.792	22.042	
33)	L7 AR-1260-3	7.141	5.765	2009289	1816499	29.977	21.170	#
34)	L7 AR-1260-4	7.383	6.262	2182074	1370582	25.580m	21.896	
35)	L7 AR-1260-5	7.723	6.528	4326853	3636684	26.632	22.102	

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

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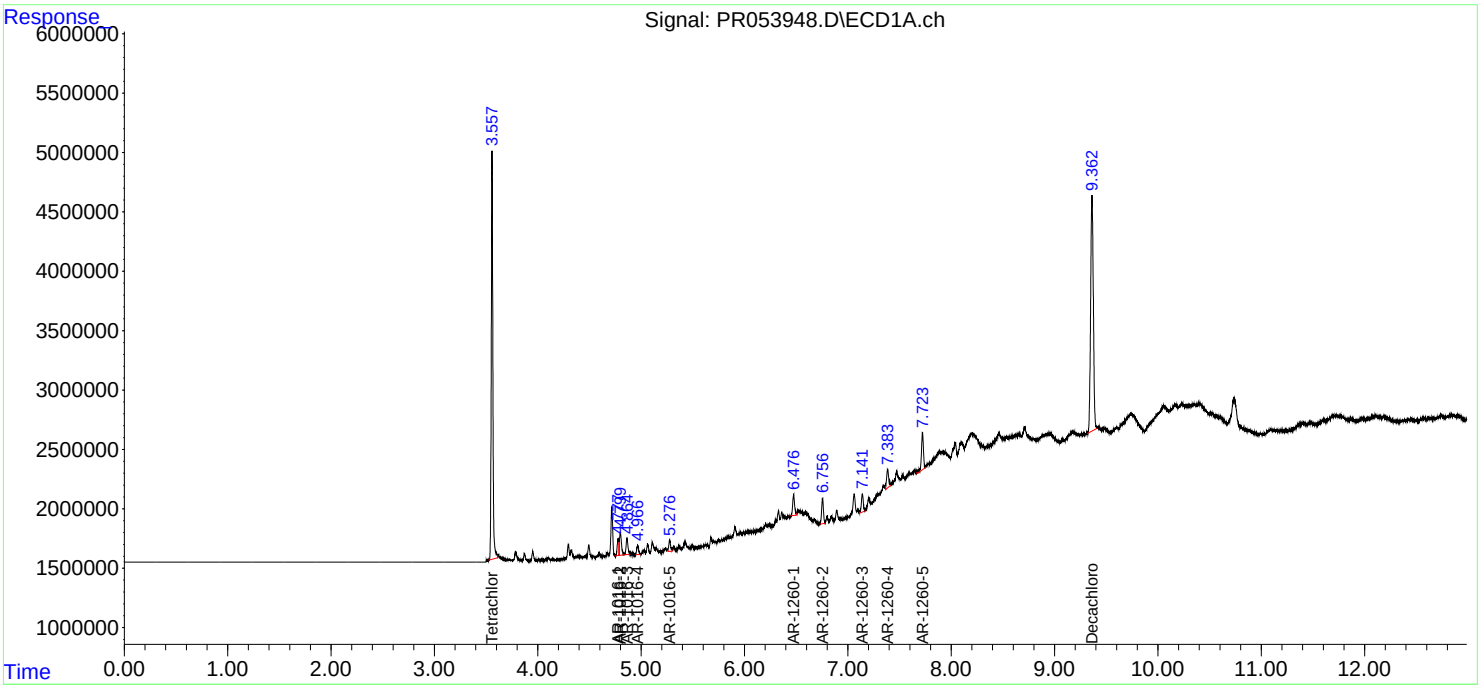
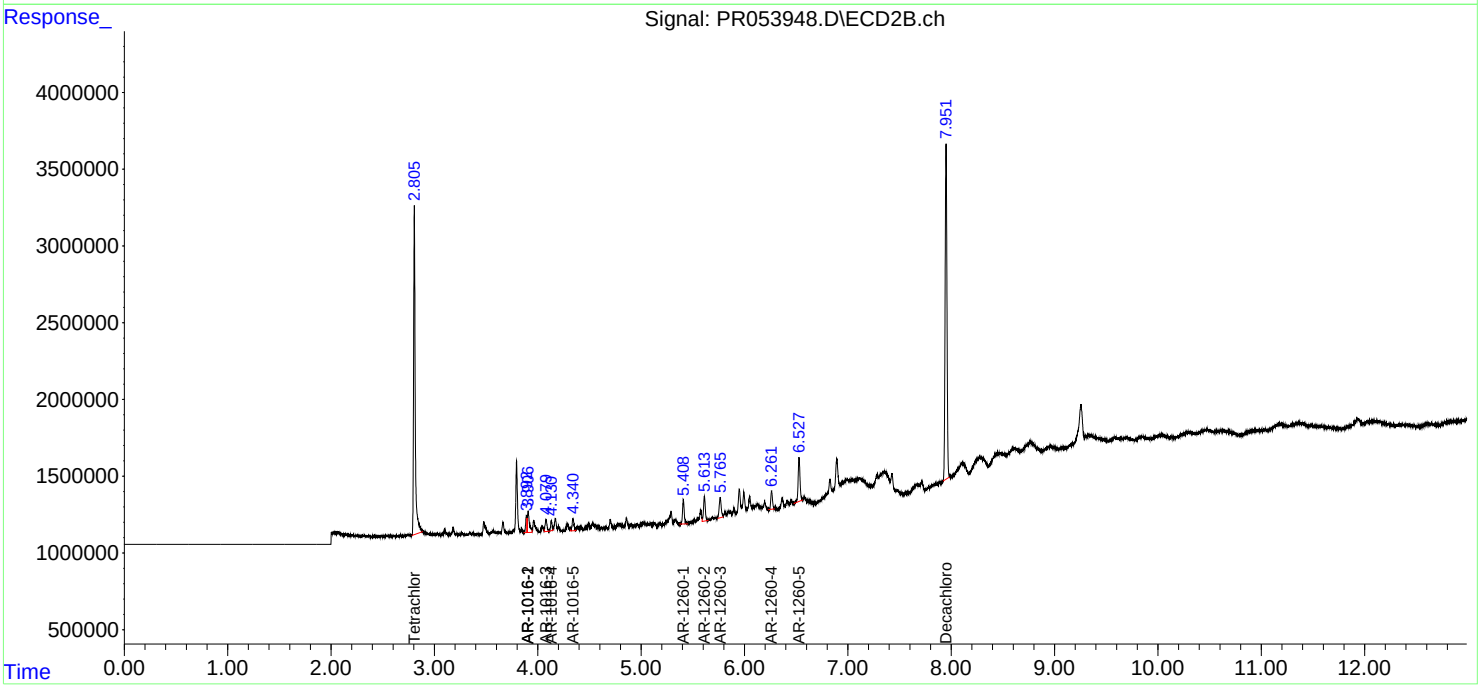
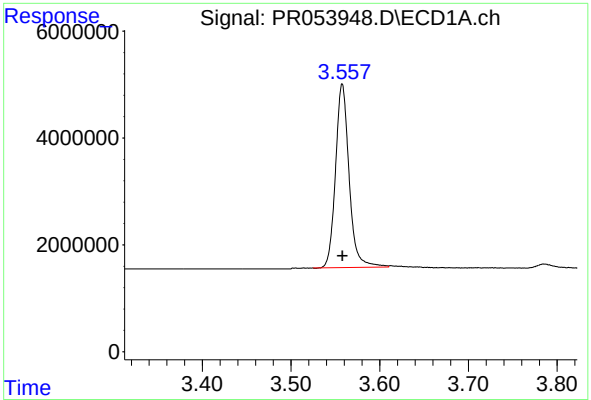


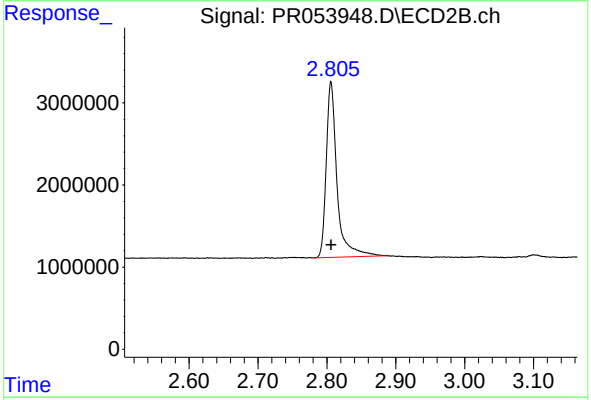




#1 Tetrachloro-m-xylene

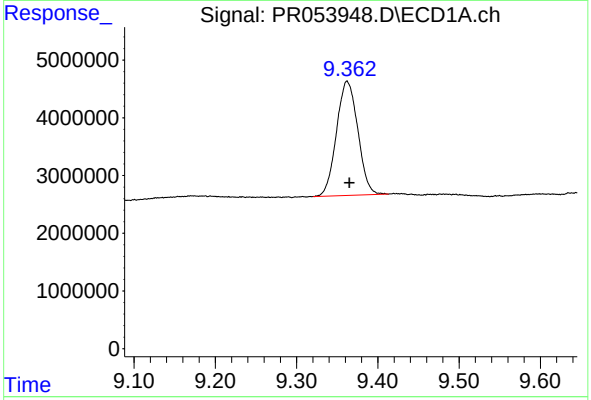
R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 36520125
Conc: 19.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



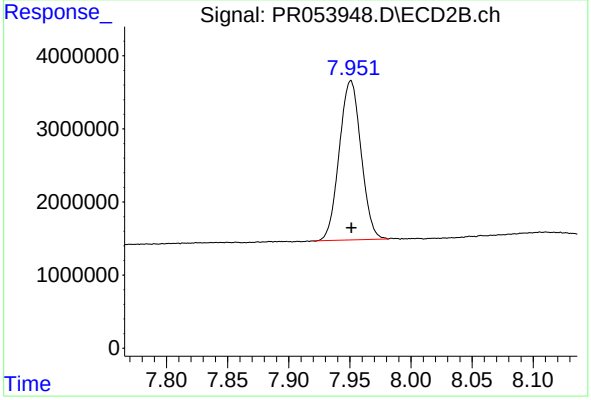
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 23294505
Conc: 18.52 ng/ml



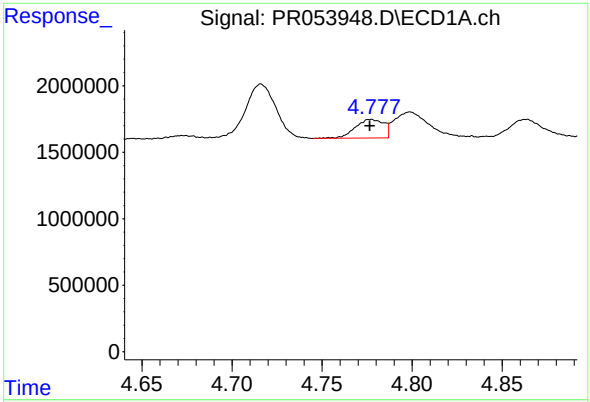
#2 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: -0.003 min
Response: 36080457
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

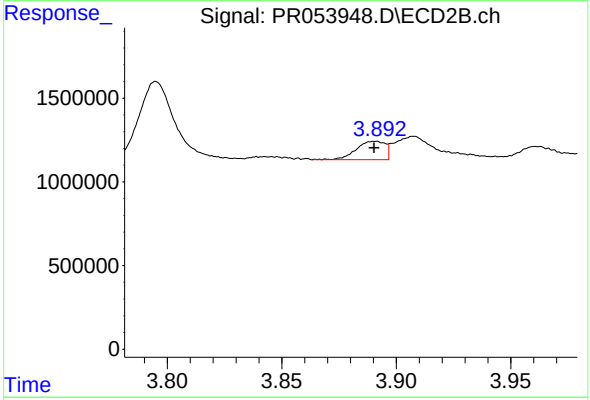
R.T.: 7.951 min
Delta R.T.: 0.000 min
Response: 27027802
Conc: 20.67 ng/ml



#3 AR-1016-1

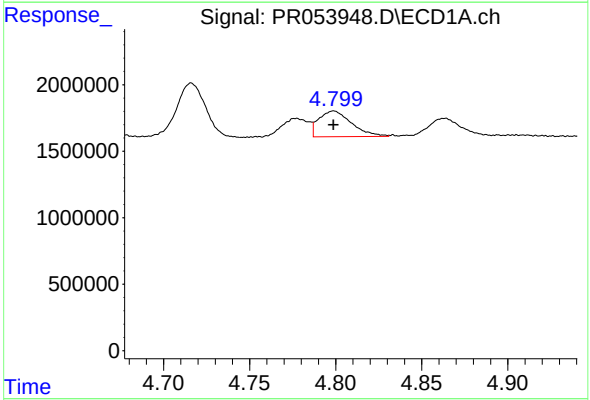
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 1539164
Conc: 23.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



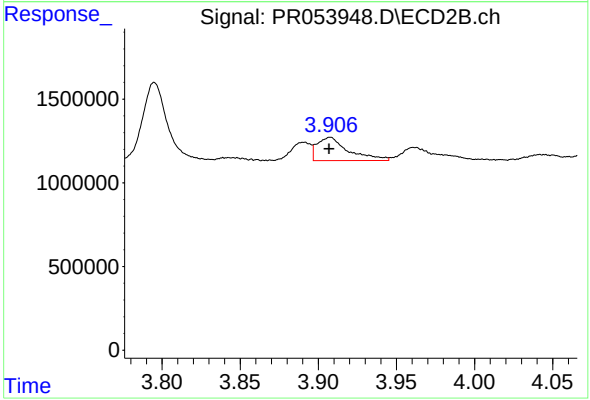
#3 AR-1016-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 964063
Conc: 21.25 ng/ml



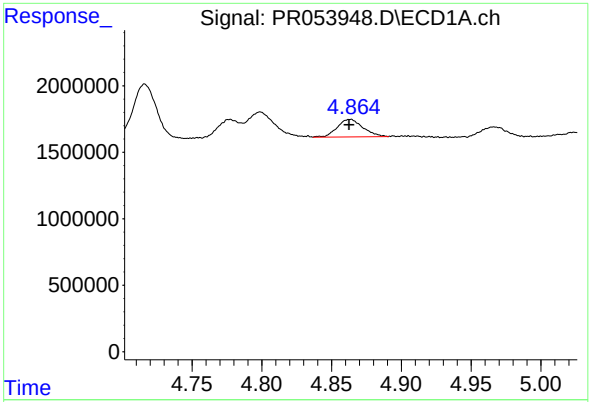
#4 AR-1016-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2564032
Conc: 26.02 ng/ml



#4 AR-1016-2

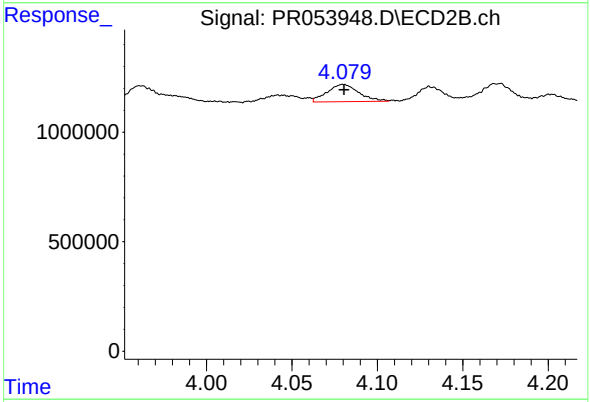
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 1933324
Conc: 26.21 ng/ml



#5 AR-1016-3

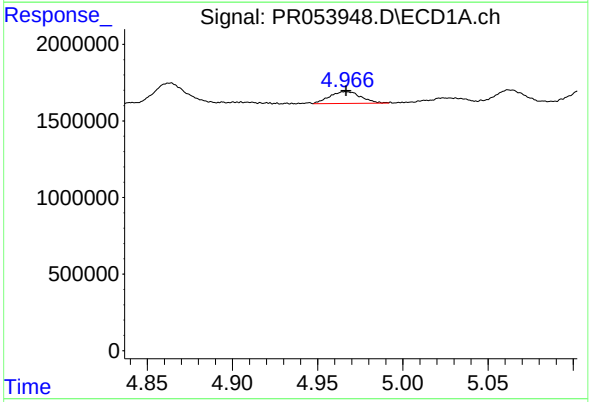
R.T.: 4.864 min
Delta R.T.: 0.001 min
Response: 1702003
Conc: 28.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



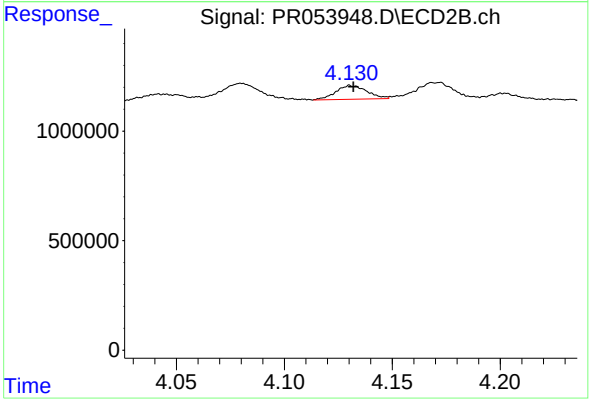
#5 AR-1016-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1018072
Conc: 25.08 ng/ml



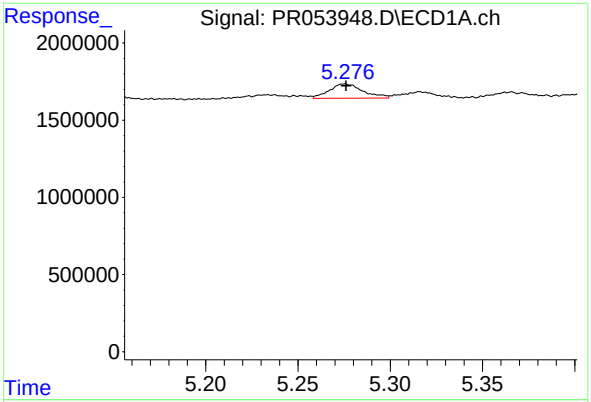
#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 978799
Conc: 21.23 ng/ml



#6 AR-1016-4

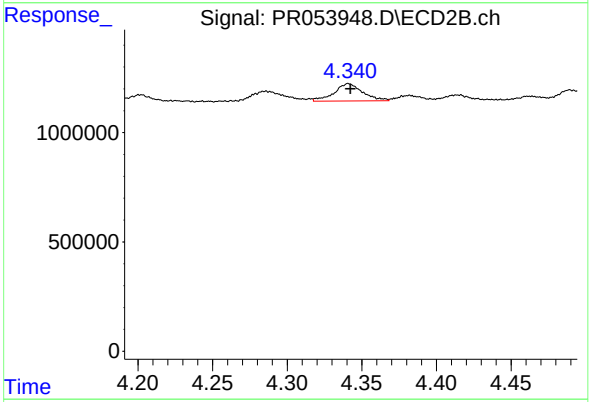
R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 636659
Conc: 19.66 ng/ml



#7 AR-1016-5

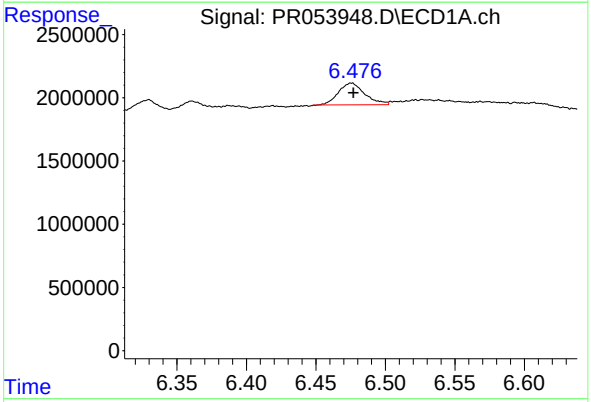
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 1182048
Conc: 25.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



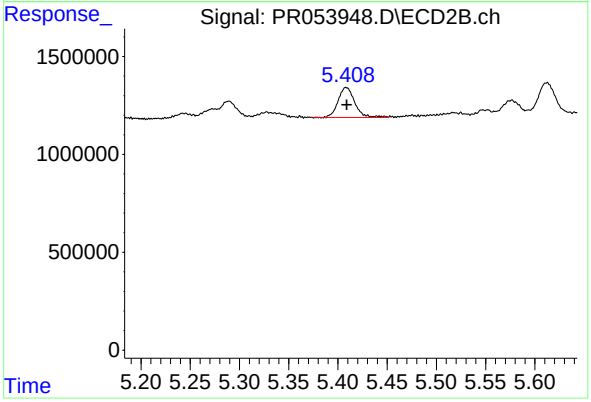
#7 AR-1016-5

R.T.: 4.341 min
Delta R.T.: -0.001 min
Response: 1054813
Conc: 25.97 ng/ml



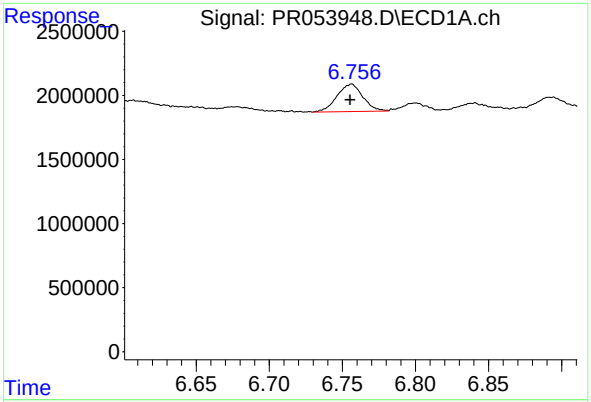
#31 AR-1260-1

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 2281346
Conc: 25.25 ng/ml m



#31 AR-1260-1

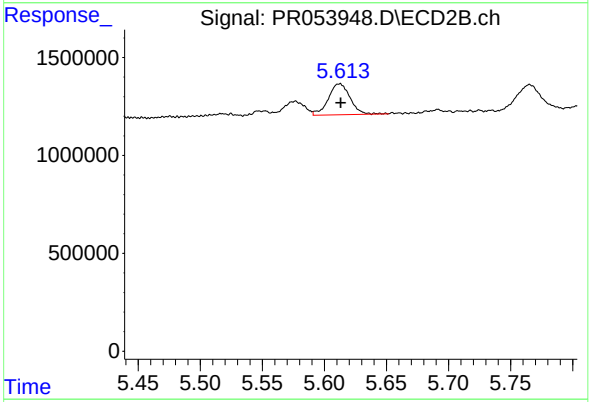
R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 1791875
Conc: 23.64 ng/ml



#32 AR-1260-2

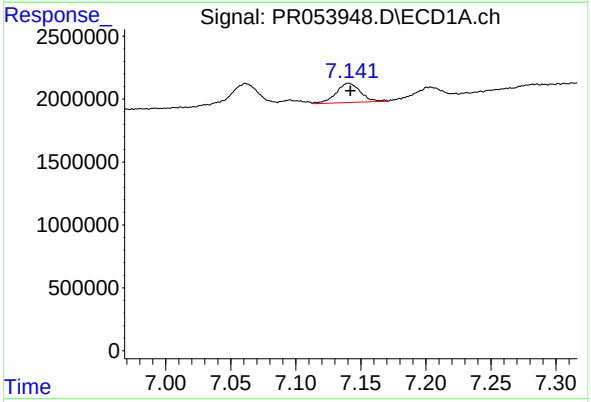
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 2630403
Conc: 24.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



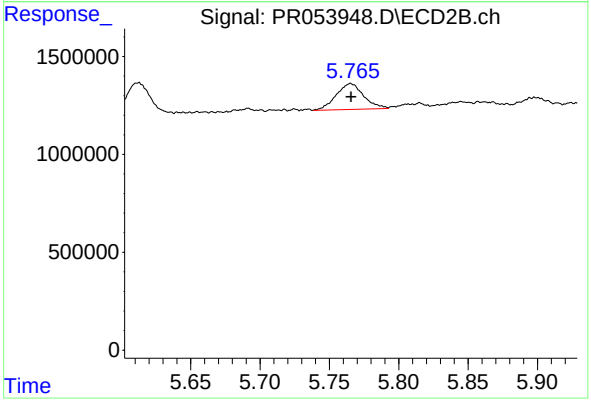
#32 AR-1260-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 1936383
Conc: 22.04 ng/ml



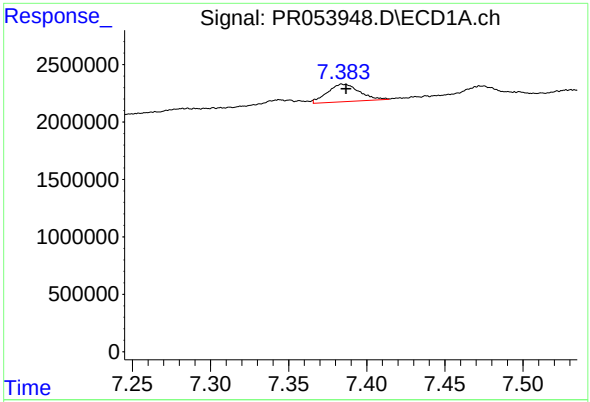
#33 AR-1260-3

R.T.: 7.141 min
Delta R.T.: -0.001 min
Response: 2009289
Conc: 29.98 ng/ml



#33 AR-1260-3

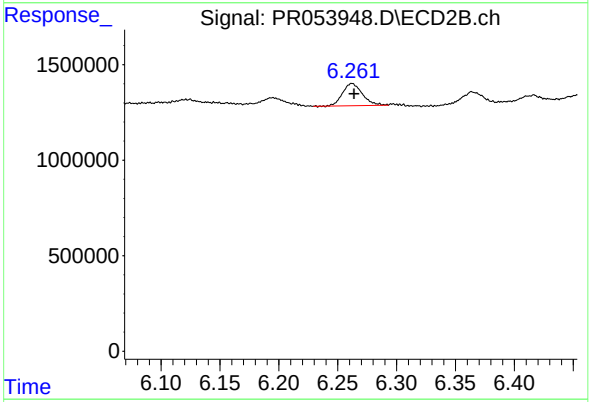
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1816499
Conc: 21.17 ng/ml



#34 AR-1260-4

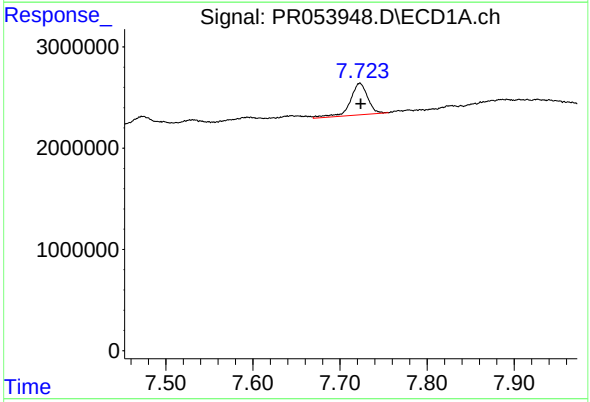
R.T.: 7.383 min
Delta R.T.: -0.003 min
Response: 2182074
Conc: 25.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



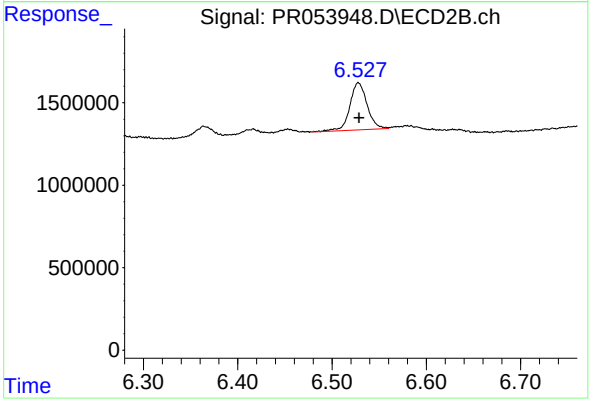
#34 AR-1260-4

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 1370582
Conc: 21.90 ng/ml



#35 AR-1260-5

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 4326853
Conc: 26.63 ng/ml



#35 AR-1260-5

R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 3636684
Conc: 22.10 ng/ml