Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031022\
Data File : PQ056481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2022 14:52
Operator : YP\AJ
Sample : N1645-07
Misc : AR1660 MDL 40 PPB
ALS Vial : 24 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 23:01:32 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030822.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 09 03:41:18 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...	4.677	3.846	268.5E6	242.4E6	20.472	19.312	
2)	SA Decachlor...	10.583	8.836	354.0E6	192.2E6	22.289	20.201	
	Target Compounds							
3)	L1 AR-1016-1	5.869	4.926	16406533	11941147	49.344	34.309	#
4)	L1 AR-1016-2	5.890	4.944	30668185	22567251	45.680	33.498	#
5)	L1 AR-1016-3	5.950	5.118	21273388	11836409	49.715	40.326	
6)	L1 AR-1016-4	6.053	5.154	16297383	10777936	45.971	41.862	
7)	L1 AR-1016-5	6.340	5.367	13204323	10988558	46.074	35.865	
31)	L7 AR-1260-1	7.464	6.389	20480041	21947716	42.988	35.228	
32)	L7 AR-1260-2	7.722	6.577	32415717	25430251	52.757	34.935	#
33)	L7 AR-1260-3	8.080	6.729	30348903	23295661	61.258	34.667	#
34)	L7 AR-1260-4	8.320	7.195	31082661	20186810	53.869	39.494	#
35)	L7 AR-1260-5	8.661	7.436	66907803	43116846	50.127	36.910	#

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031022\
Data File : PQ056481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2022 14:52
Operator : YP\AJ
Sample : N1645-07
Misc : AR1660 MDL 40 PPB
ALS Vial : 24 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030822.M
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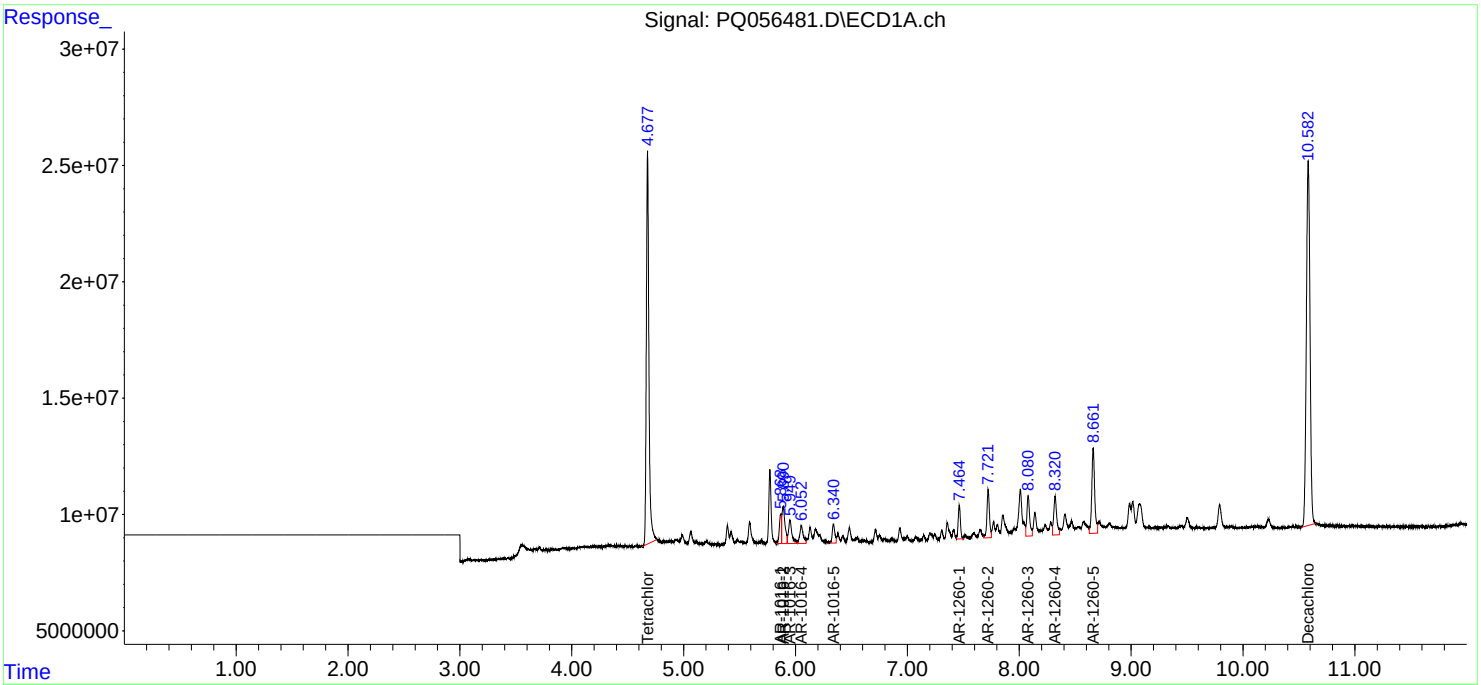
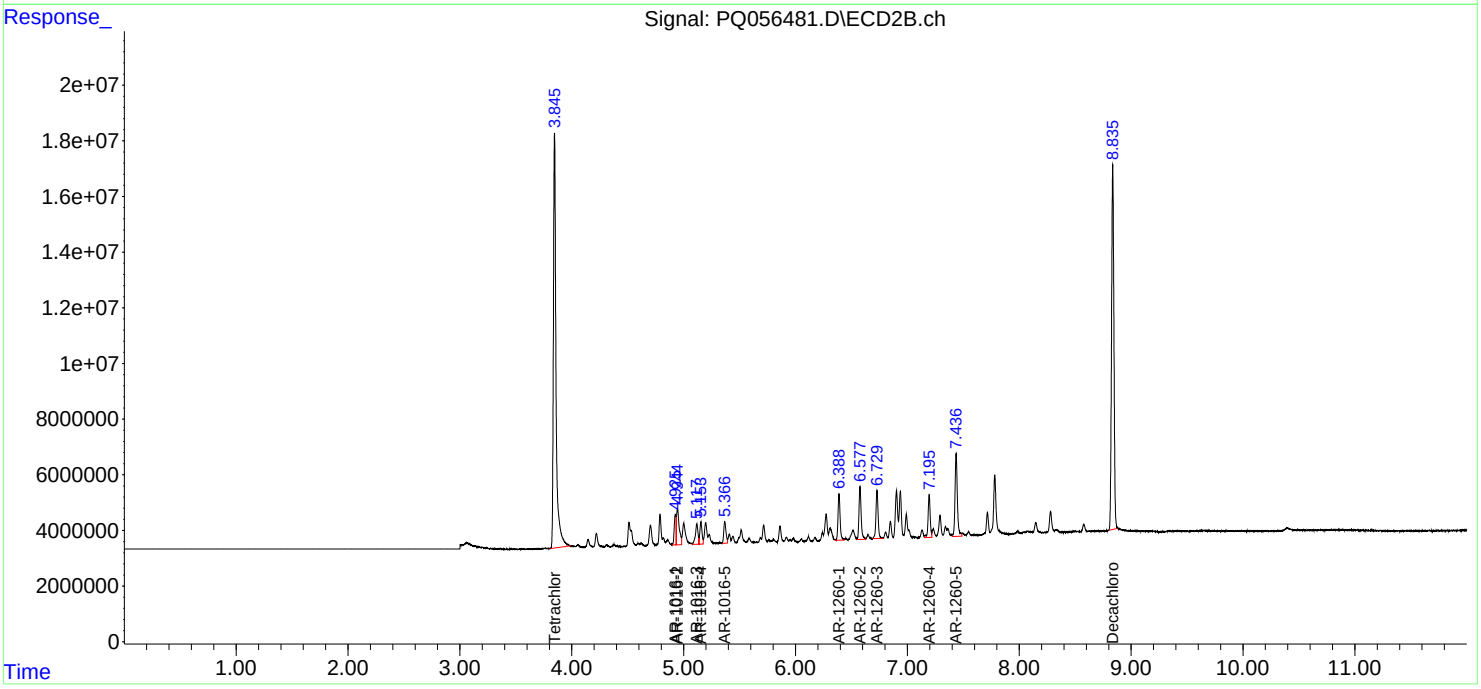
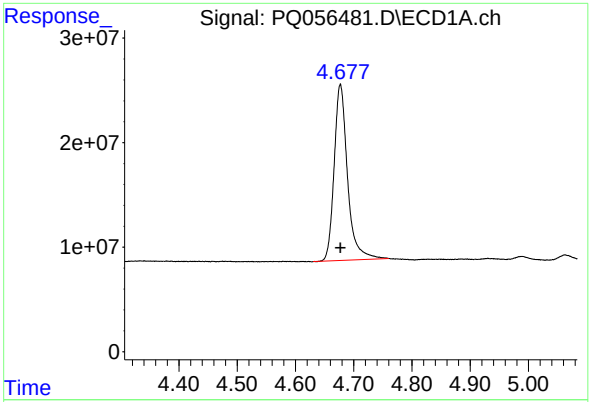
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



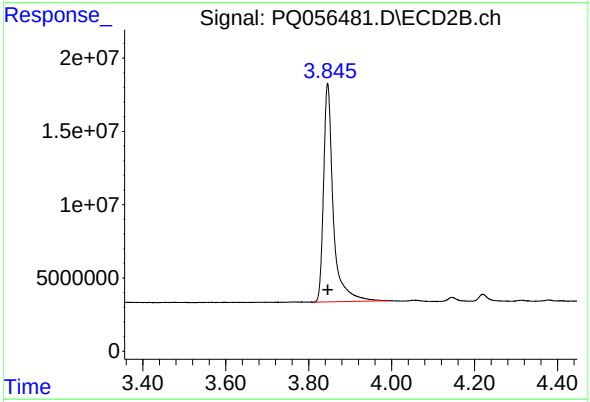




#1 Tetrachloro-m-xylene

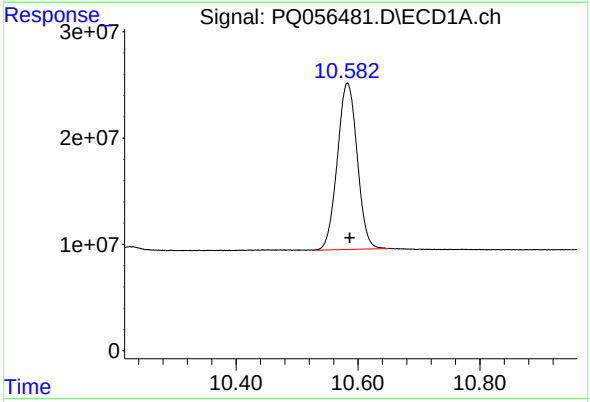
R.T.: 4.677 min
Delta R.T.: 0.000 min
Response: 268503895
Conc: 20.47 ng/ml

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



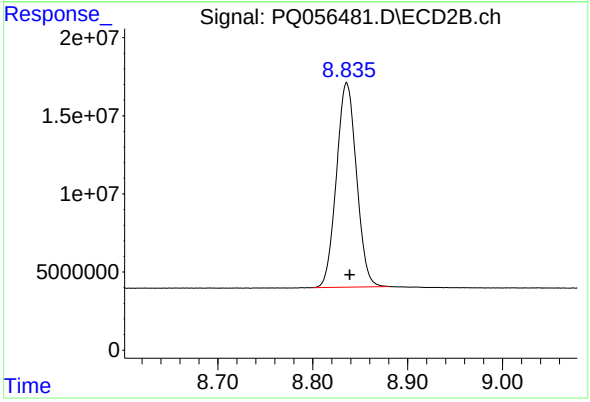
#1 Tetrachloro-m-xylene

R.T.: 3.846 min
Delta R.T.: 0.000 min
Response: 242432206
Conc: 19.31 ng/ml



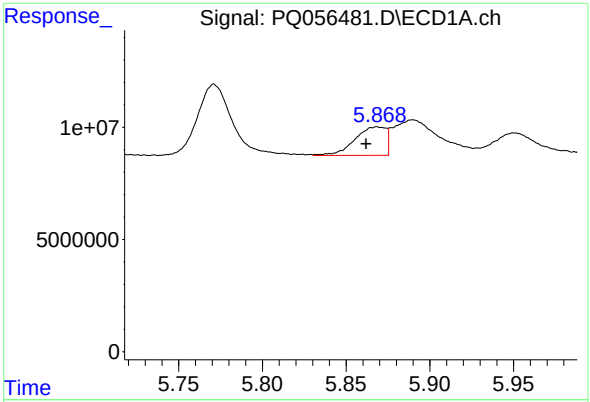
#2 Decachlorobiphenyl

R.T.: 10.583 min
Delta R.T.: -0.004 min
Response: 354027641
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

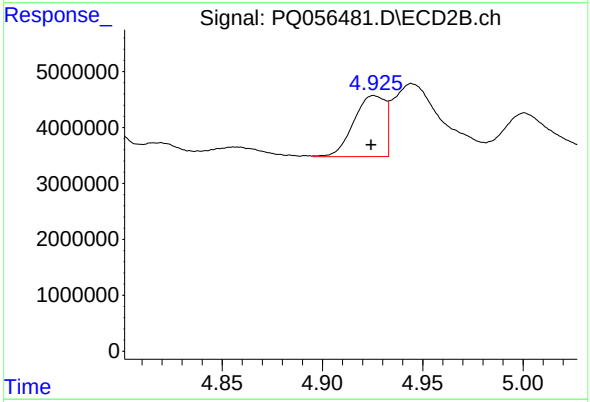
R.T.: 8.836 min
Delta R.T.: -0.003 min
Response: 192209086
Conc: 20.20 ng/ml



#3 AR-1016-1

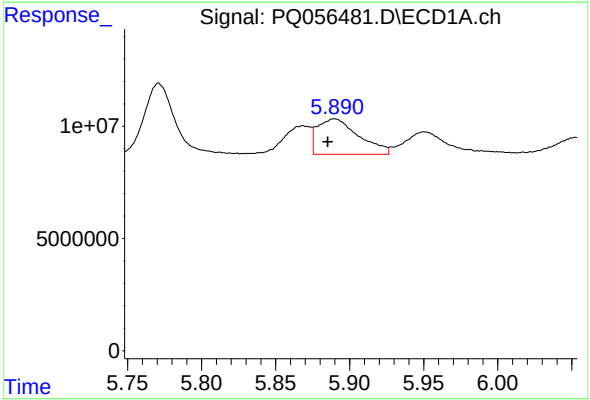
R.T.: 5.869 min
Delta R.T.: 0.006 min
Response: 16406533
Conc: 49.34 ng/ml

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



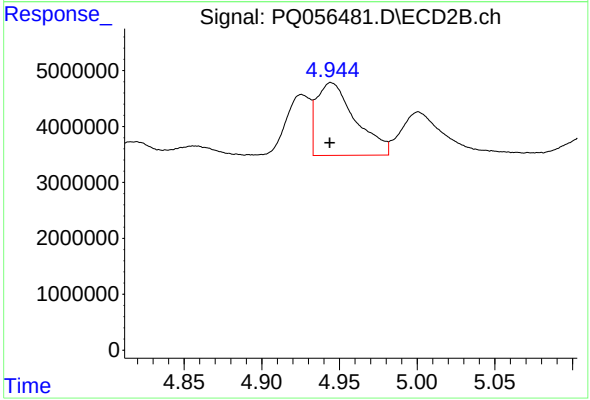
#3 AR-1016-1

R.T.: 4.926 min
Delta R.T.: 0.001 min
Response: 11941147
Conc: 34.31 ng/ml



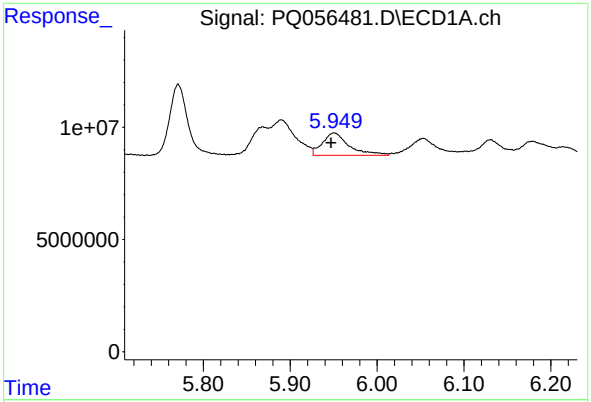
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: 0.005 min
Response: 30668185
Conc: 45.68 ng/ml



#4 AR-1016-2

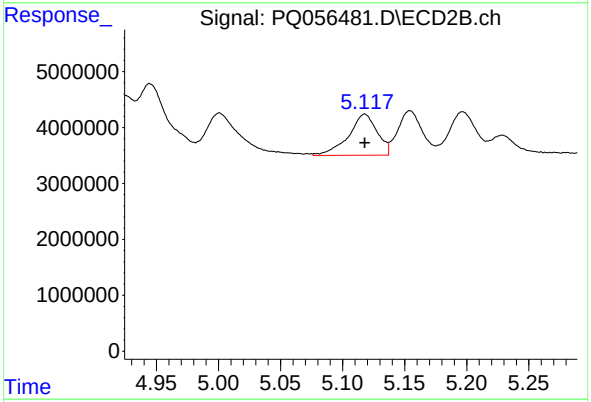
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 22567251
Conc: 33.50 ng/ml



#5 AR-1016-3

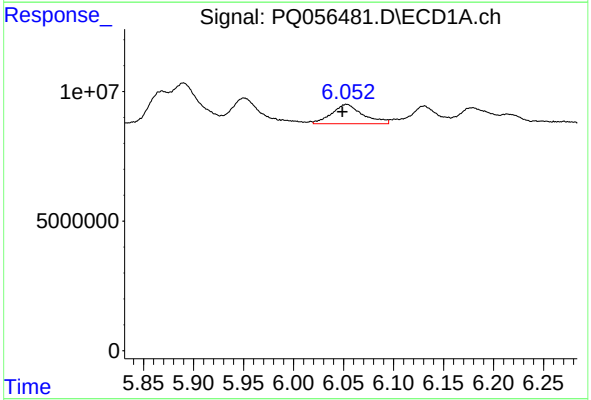
R.T.: 5.950 min
Delta R.T.: 0.003 min
Response: 21273388
Conc: 49.71 ng/ml

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



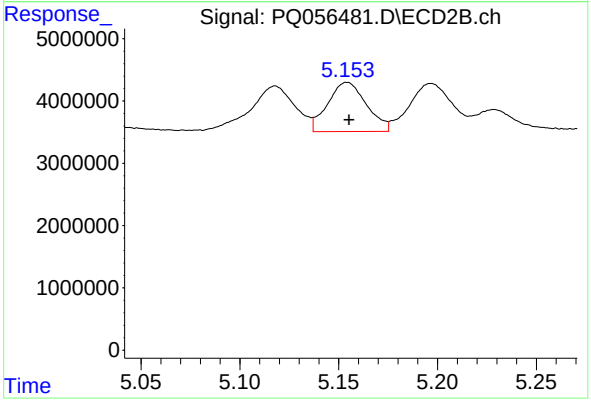
#5 AR-1016-3

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 11836409
Conc: 40.33 ng/ml



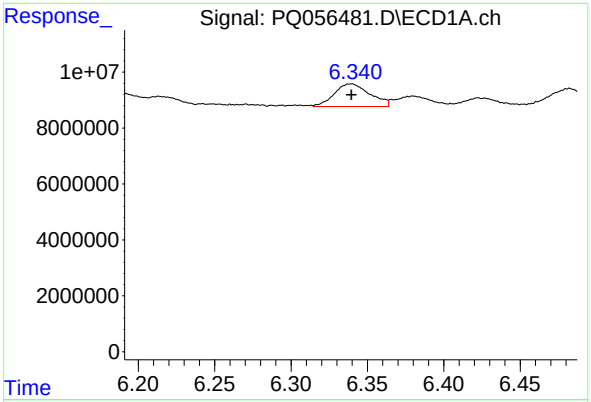
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: 0.004 min
Response: 16297383
Conc: 45.97 ng/ml



#6 AR-1016-4

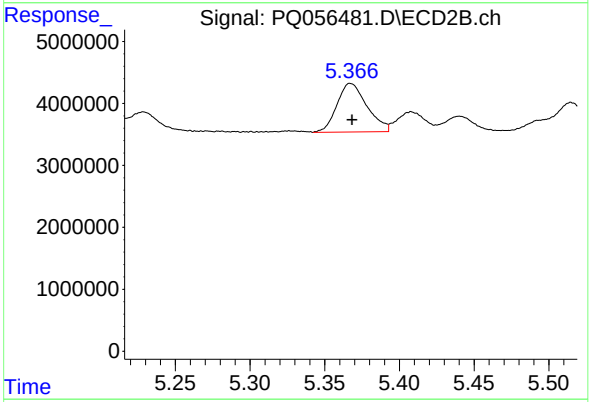
R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 10777936
Conc: 41.86 ng/ml



#7 AR-1016-5

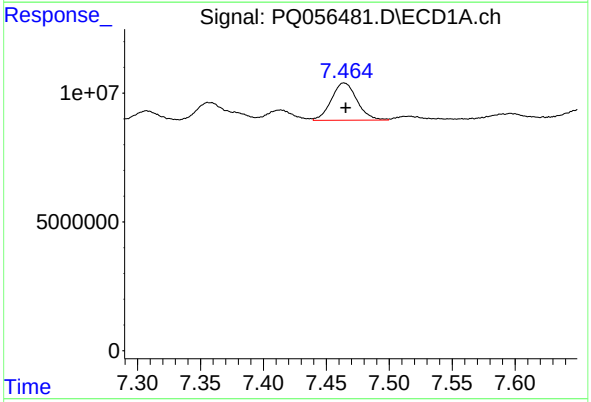
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 13204323
Conc: 46.07 ng/ml

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



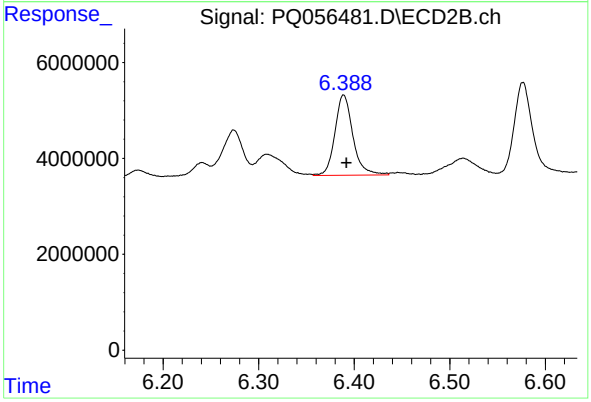
#7 AR-1016-5

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 10988558
Conc: 35.86 ng/ml



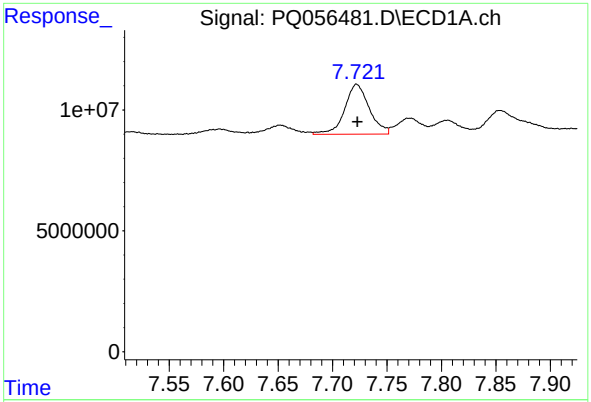
#31 AR-1260-1

R.T.: 7.464 min
Delta R.T.: -0.001 min
Response: 20480041
Conc: 42.99 ng/ml



#31 AR-1260-1

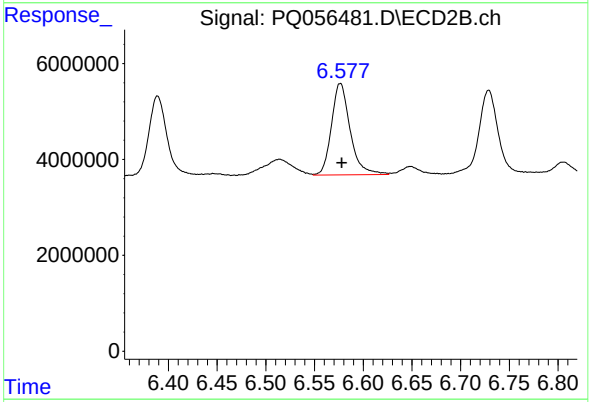
R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 21947716
Conc: 35.23 ng/ml



#32 AR-1260-2

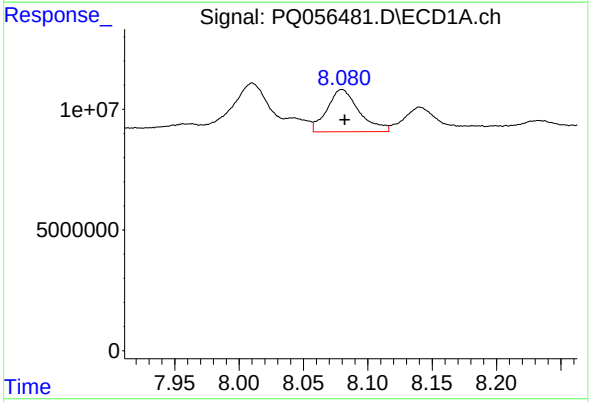
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 32415717
Conc: 52.76 ng/ml

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



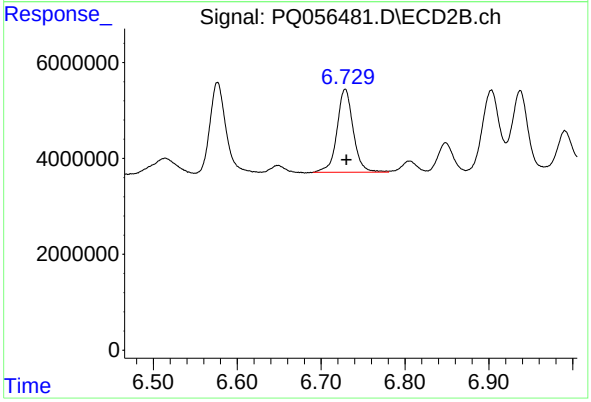
#32 AR-1260-2

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 25430251
Conc: 34.93 ng/ml



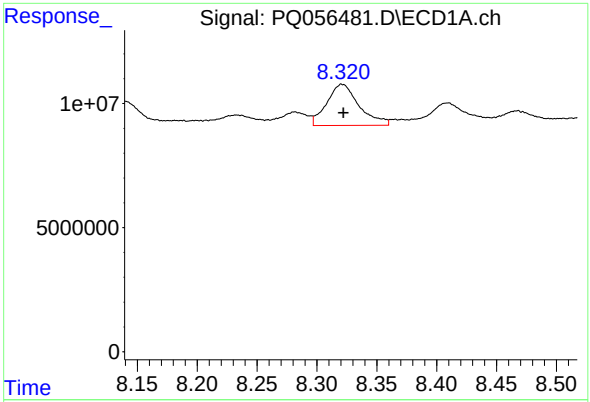
#33 AR-1260-3

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 30348903
Conc: 61.26 ng/ml



#33 AR-1260-3

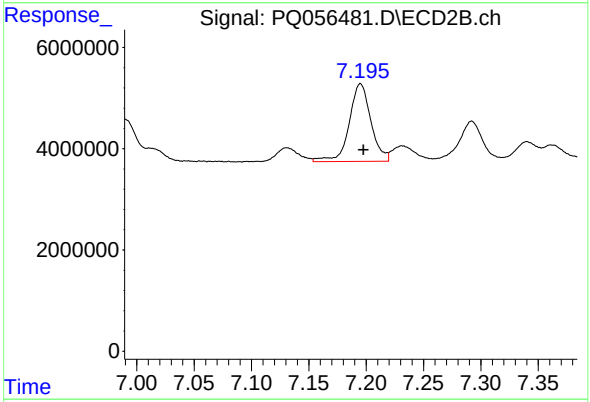
R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 23295661
Conc: 34.67 ng/ml



#34 AR-1260-4

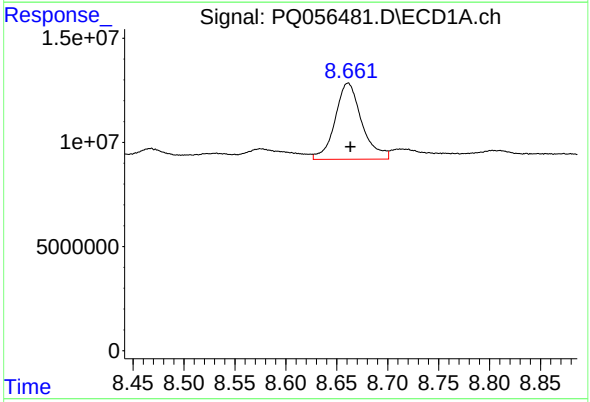
R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 31082661
Conc: 53.87 ng/ml

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



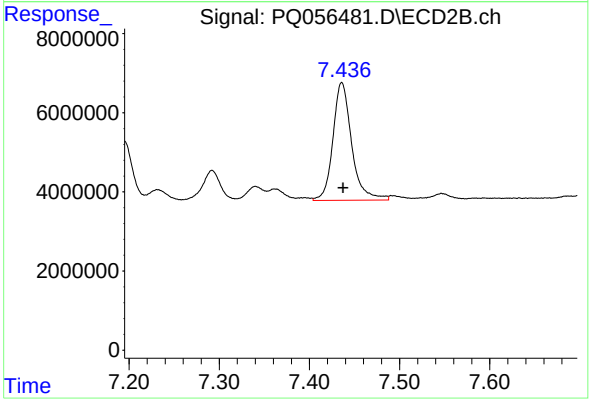
#34 AR-1260-4

R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 20186810
Conc: 39.49 ng/ml



#35 AR-1260-5

R.T.: 8.661 min
Delta R.T.: -0.002 min
Response: 66907803
Conc: 50.13 ng/ml



#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 43116846
Conc: 36.91 ng/ml