Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080522\
Data File : PO088583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 09:55
Operator : YP/AJ
Sample : N3980-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 5 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 02:15:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO080422.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 05 23:24:09 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...	4.437	3.595	58745940	21771608	21.779	20.116
2)	SA Decachlor...	10.276	8.590	43453474	25779292	22.518	21.272
	Target Compounds						
3)	L1 AR-1016-1	5.614	4.674	2568463	1073274	31.861	28.797
4)	L1 AR-1016-2	5.637	4.692	3813775	1520423	33.065	29.162
5)	L1 AR-1016-3	5.699	4.868	2458522	844508	34.021	28.865
6)	L1 AR-1016-4	5.799	4.911	1846445	684899	32.205	28.393
7)	L1 AR-1016-5	6.096	5.123	2089040	1085764	36.419	33.290
31)	L7 AR-1260-1	7.229	6.155	3785761	1997023	36.632	31.422
32)	L7 AR-1260-2	7.486	6.344	4193886	2532834	35.482	33.054
33)	L7 AR-1260-3	7.847	6.496	3010838	2229150	34.276	31.029
34)	L7 AR-1260-4	8.074	6.968	3217306	1770888	32.849	29.021
35)	L7 AR-1260-5	8.402	7.210	6373923	4095540	34.604	29.038

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

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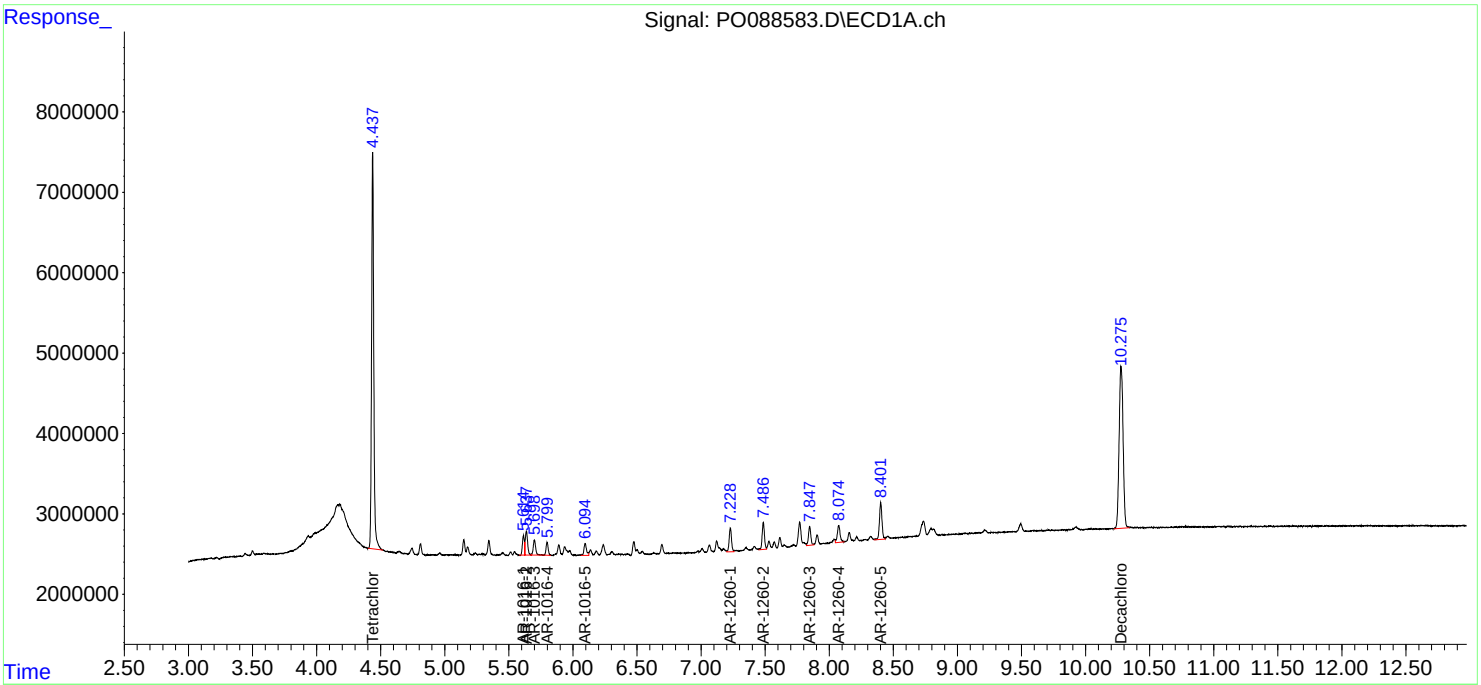
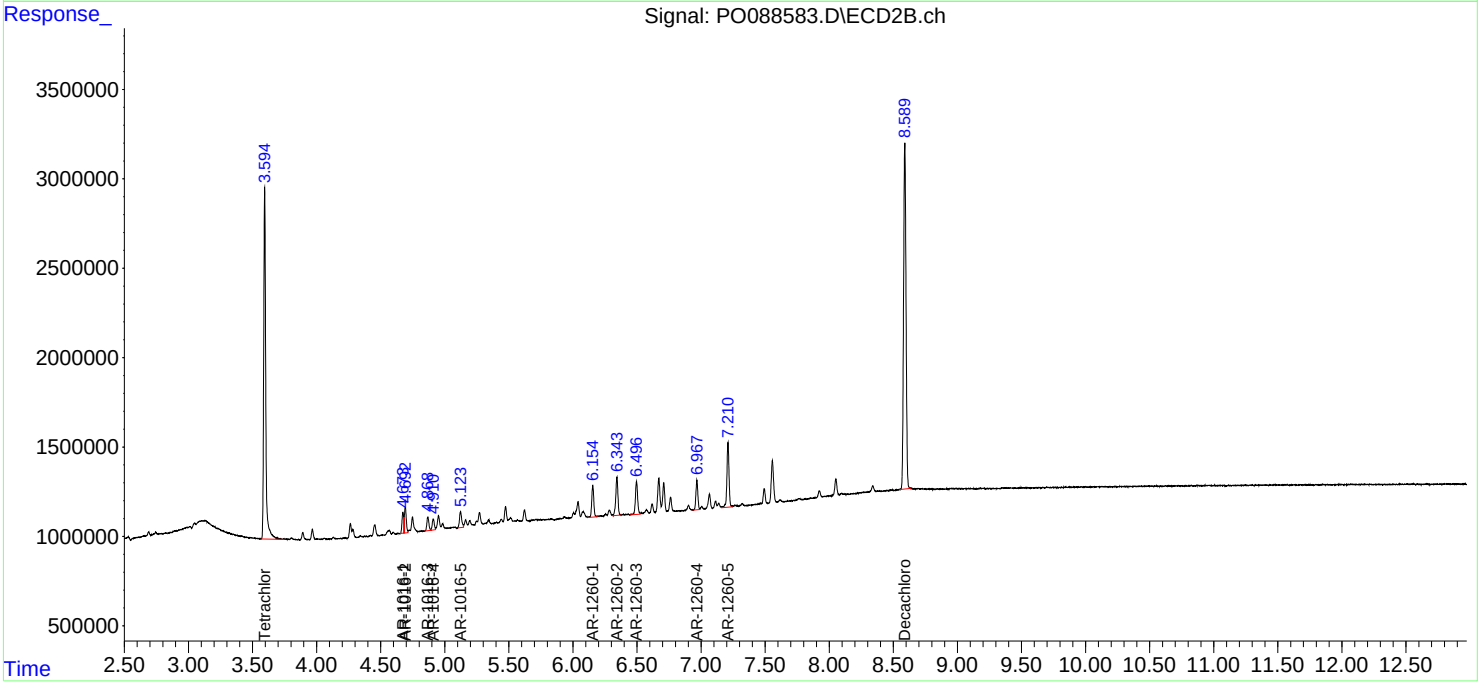
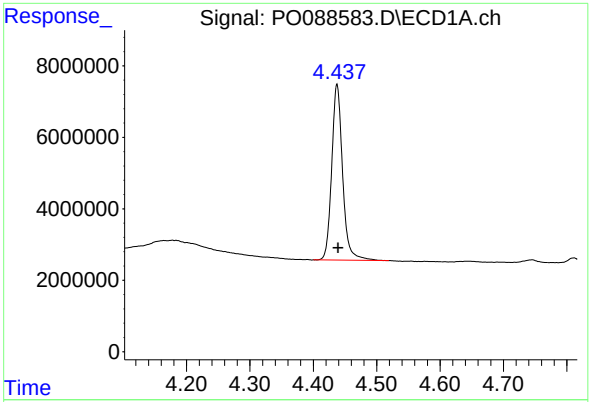


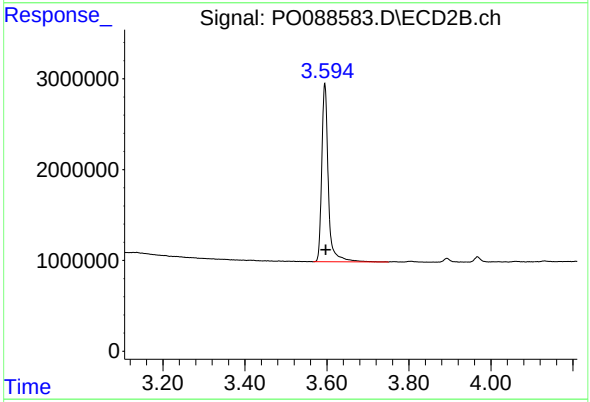




#1 Tetrachloro-m-xylene

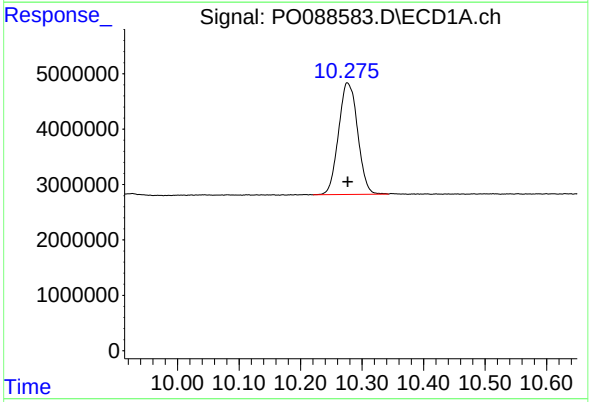
R.T.: 4.437 min
Delta R.T.: -0.002 min
Response: 58745940
Conc: 21.78 ng/ml

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



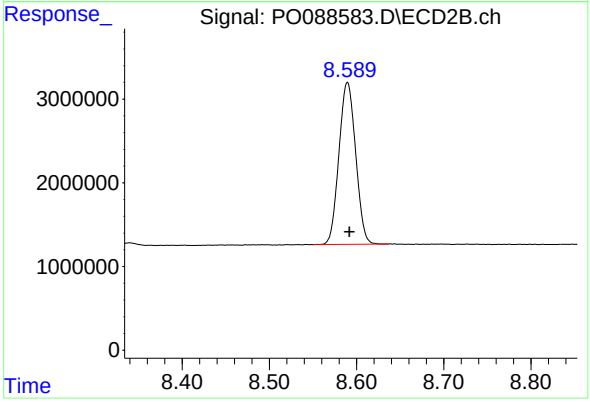
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: -0.002 min
Response: 21771608
Conc: 20.12 ng/ml



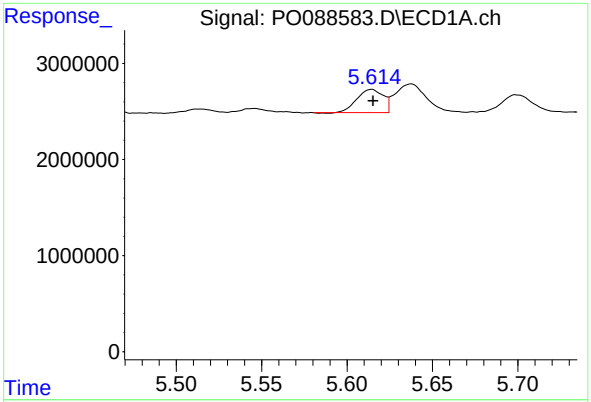
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 43453474
Conc: 22.52 ng/ml



#2 Decachlorobiphenyl

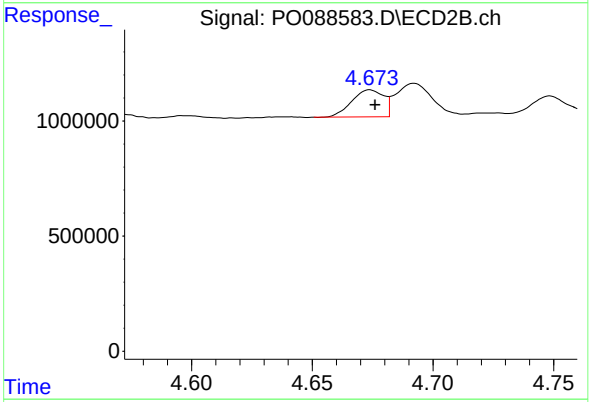
R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 25779292
Conc: 21.27 ng/ml



#3 AR-1016-1

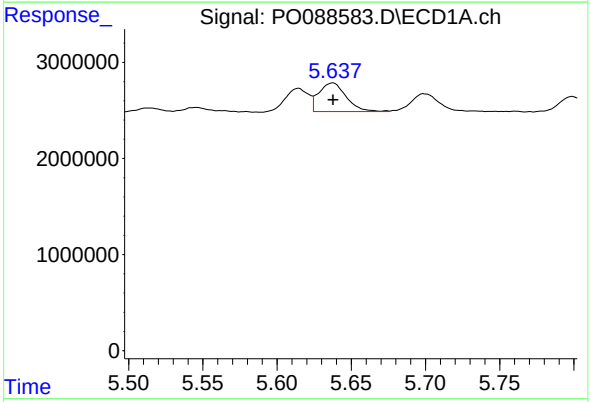
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 2568463
Conc: 31.86 ng/ml

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



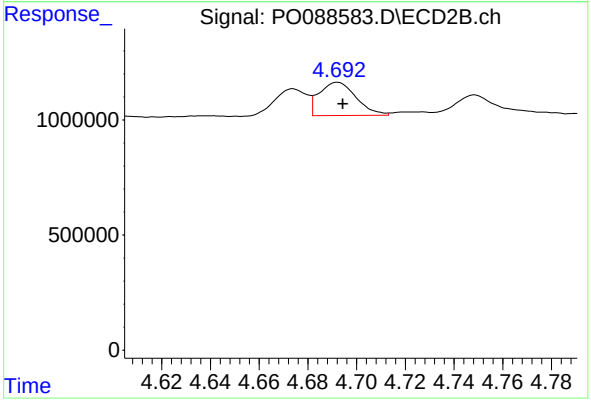
#3 AR-1016-1

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 1073274
Conc: 28.80 ng/ml



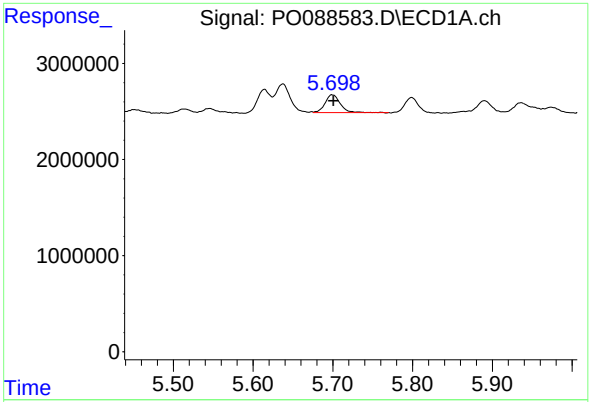
#4 AR-1016-2

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3813775
Conc: 33.07 ng/ml



#4 AR-1016-2

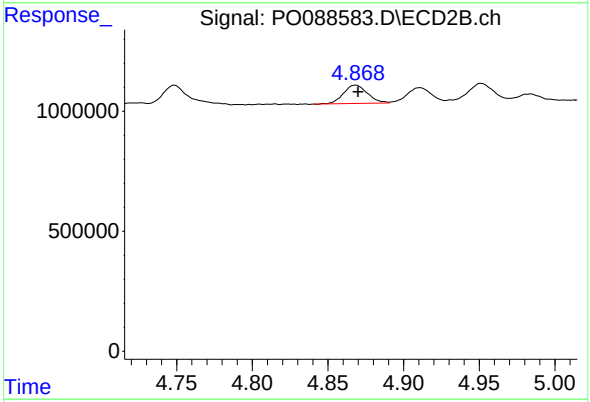
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 1520423
Conc: 29.16 ng/ml



#5 AR-1016-3

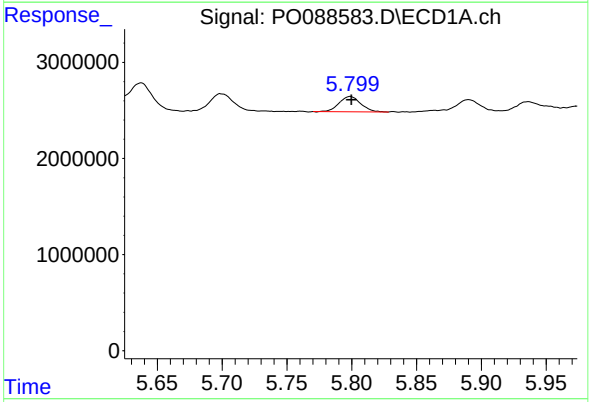
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 2458522
Conc: 34.02 ng/ml

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



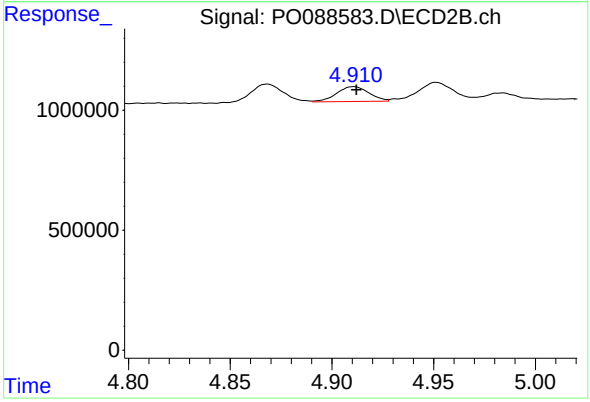
#5 AR-1016-3

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 844508
Conc: 28.86 ng/ml



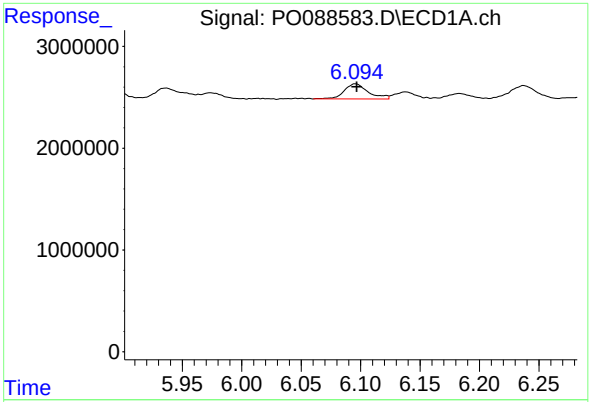
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 1846445
Conc: 32.20 ng/ml



#6 AR-1016-4

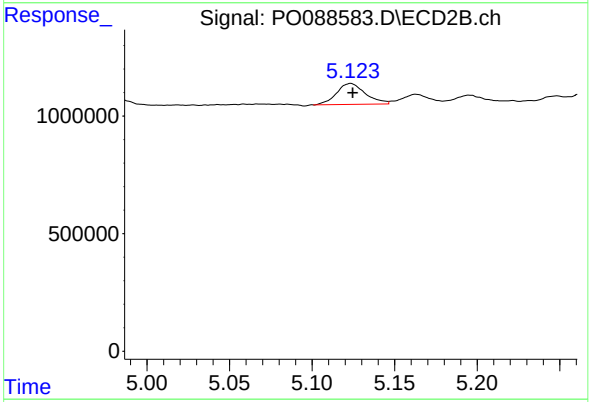
R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 684899
Conc: 28.39 ng/ml



#7 AR-1016-5

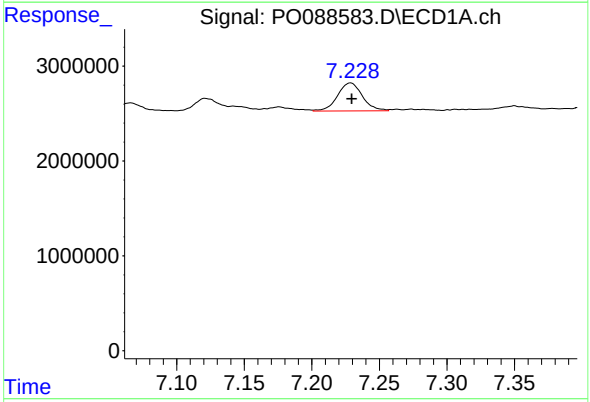
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 2089040
Conc: 36.42 ng/ml

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



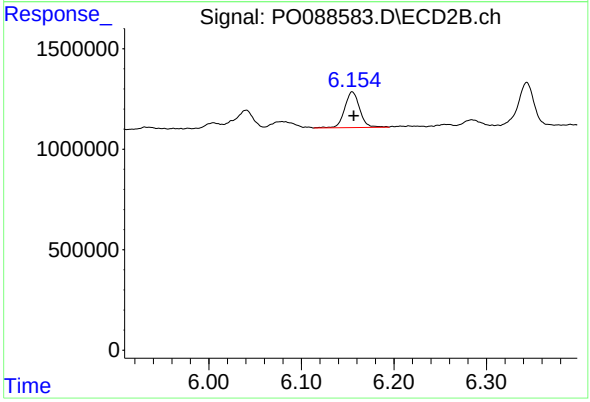
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 1085764
Conc: 33.29 ng/ml



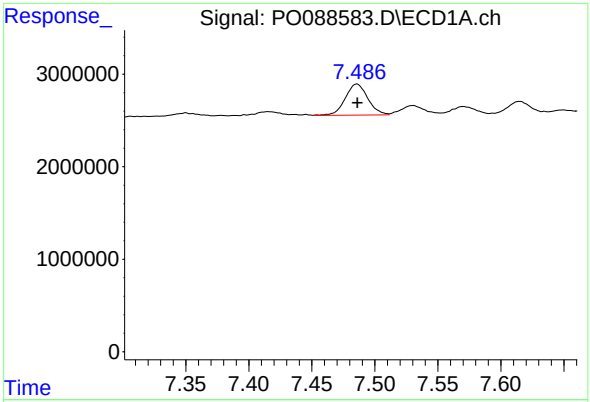
#31 AR-1260-1

R.T.: 7.229 min
Delta R.T.: 0.000 min
Response: 3785761
Conc: 36.63 ng/ml



#31 AR-1260-1

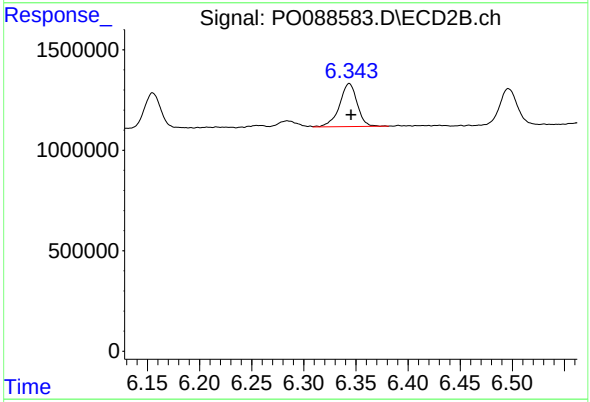
R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 1997023
Conc: 31.42 ng/ml



#32 AR-1260-2

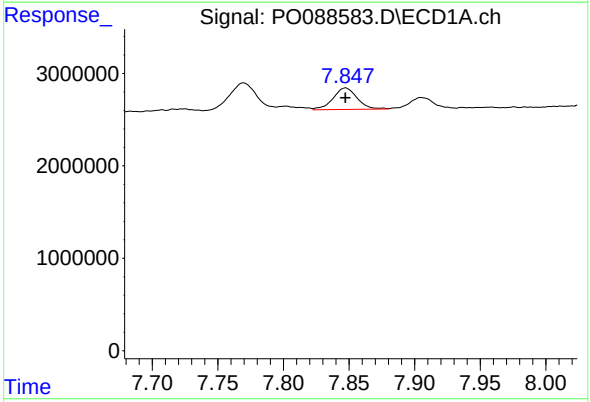
R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 4193886
Conc: 35.48 ng/ml

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



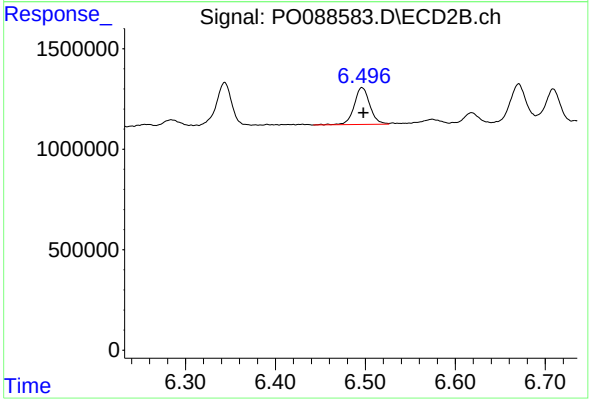
#32 AR-1260-2

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 2532834
Conc: 33.05 ng/ml



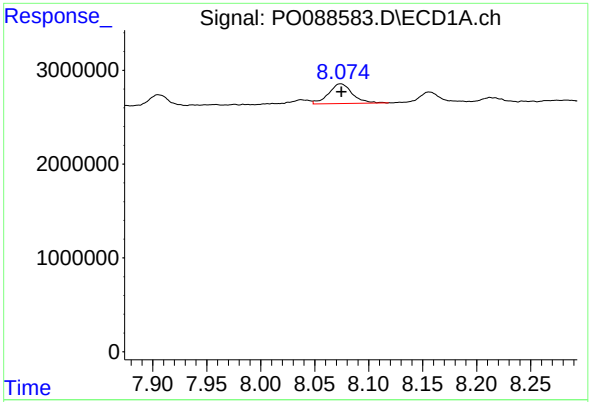
#33 AR-1260-3

R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 3010838
Conc: 34.28 ng/ml



#33 AR-1260-3

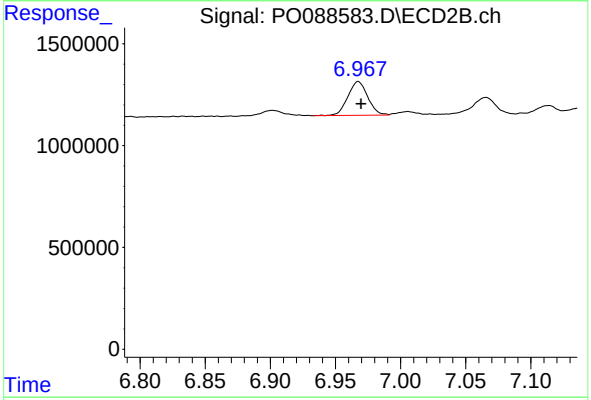
R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 2229150
Conc: 31.03 ng/ml



#34 AR-1260-4

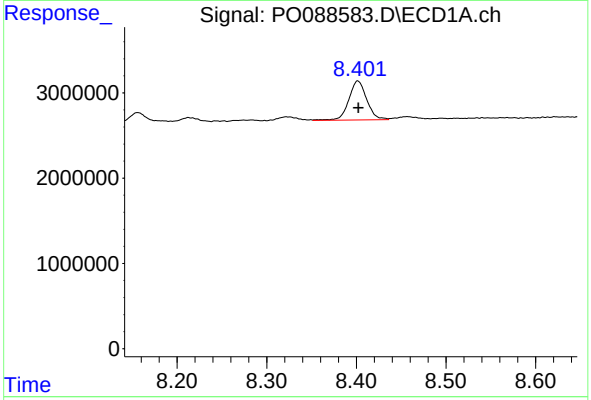
R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 3217306
Conc: 32.85 ng/ml

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



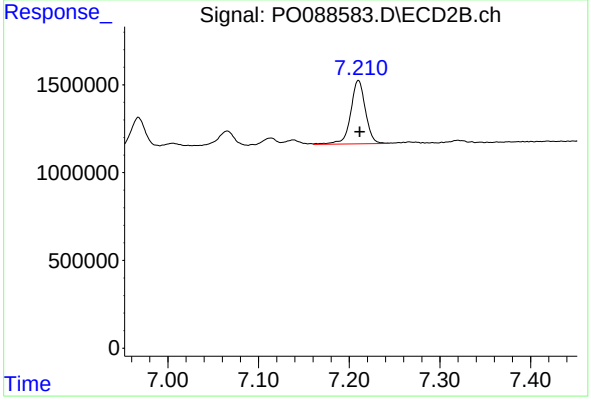
#34 AR-1260-4

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 1770888
Conc: 29.02 ng/ml



#35 AR-1260-5

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 6373923
Conc: 34.60 ng/ml



#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: -0.001 min
Response: 4095540
Conc: 29.04 ng/ml