Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO022423\
Data File : PO092716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2023 19:13
Operator : YP/AJ
Sample : 01627-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 04:18:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022123.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 22 05:46:11 2023
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...	4.432	3.638	62702264	24736308	20.882	19.406	
2)	SA Decachlor...	10.263	8.672	46619838	23951664	24.237	20.552	
	Target Compounds							
3)	L1 AR-1016-1	5.608	4.724	4141888	1612210	45.065	39.908	
4)	L1 AR-1016-2	5.630	4.743	6042412	2297168	45.336	39.783	
5)	L1 AR-1016-3	5.693	4.919	4381497	1179684	50.465	37.646	#
6)	L1 AR-1016-4	5.792	4.962	2675438	1142846	40.970	40.879	
7)	L1 AR-1016-5	6.090	5.175	3110622	1432390	43.768	40.380	
31)	L7 AR-1260-1	7.226	6.212	5323887	2921410	43.628	42.881	
32)	L7 AR-1260-2	7.486	6.401	6622925	3238240	45.060	40.285	
33)	L7 AR-1260-3	7.770	6.555	6844073	3171563	43.541	39.291	
34)	L7 AR-1260-4	8.076	7.029	5787421	2513494	49.408	41.292	
35)	L7 AR-1260-5	8.402	7.273	8319252	5016582	40.114	39.294	

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

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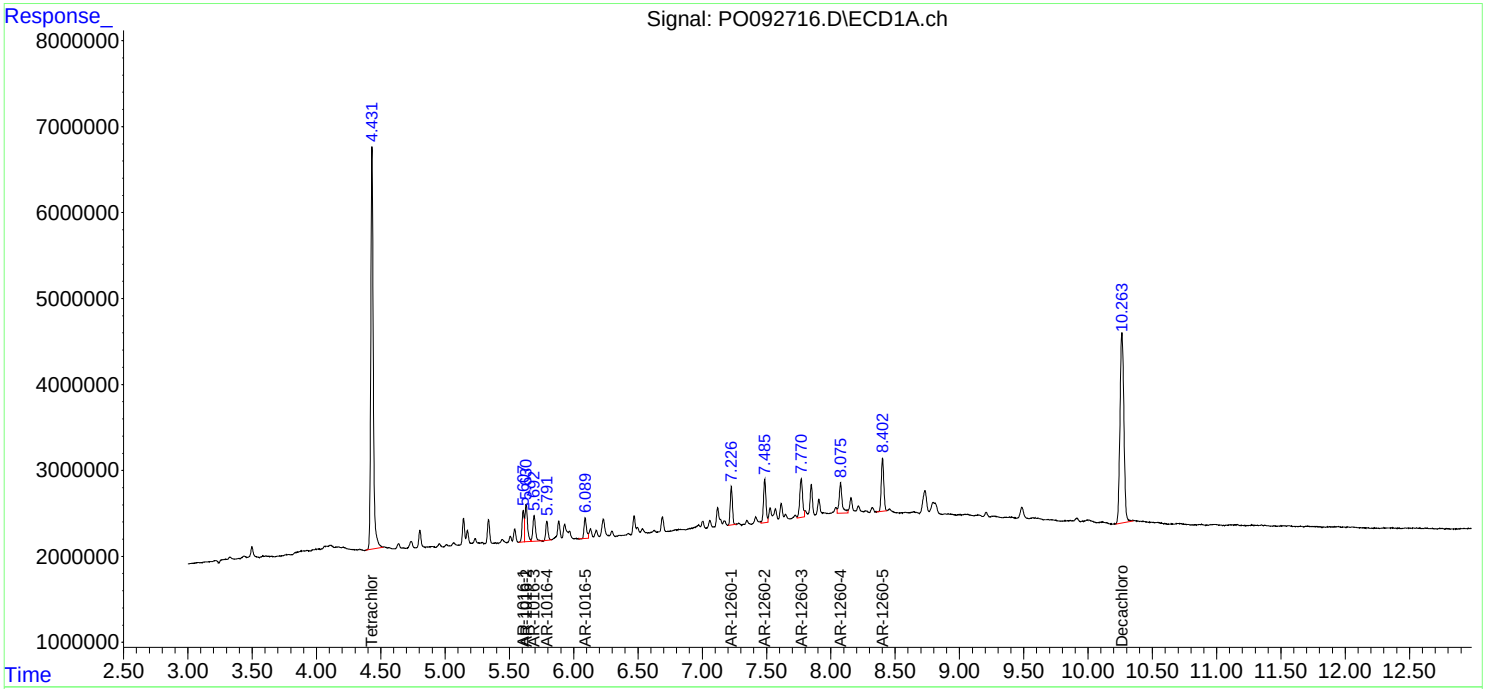
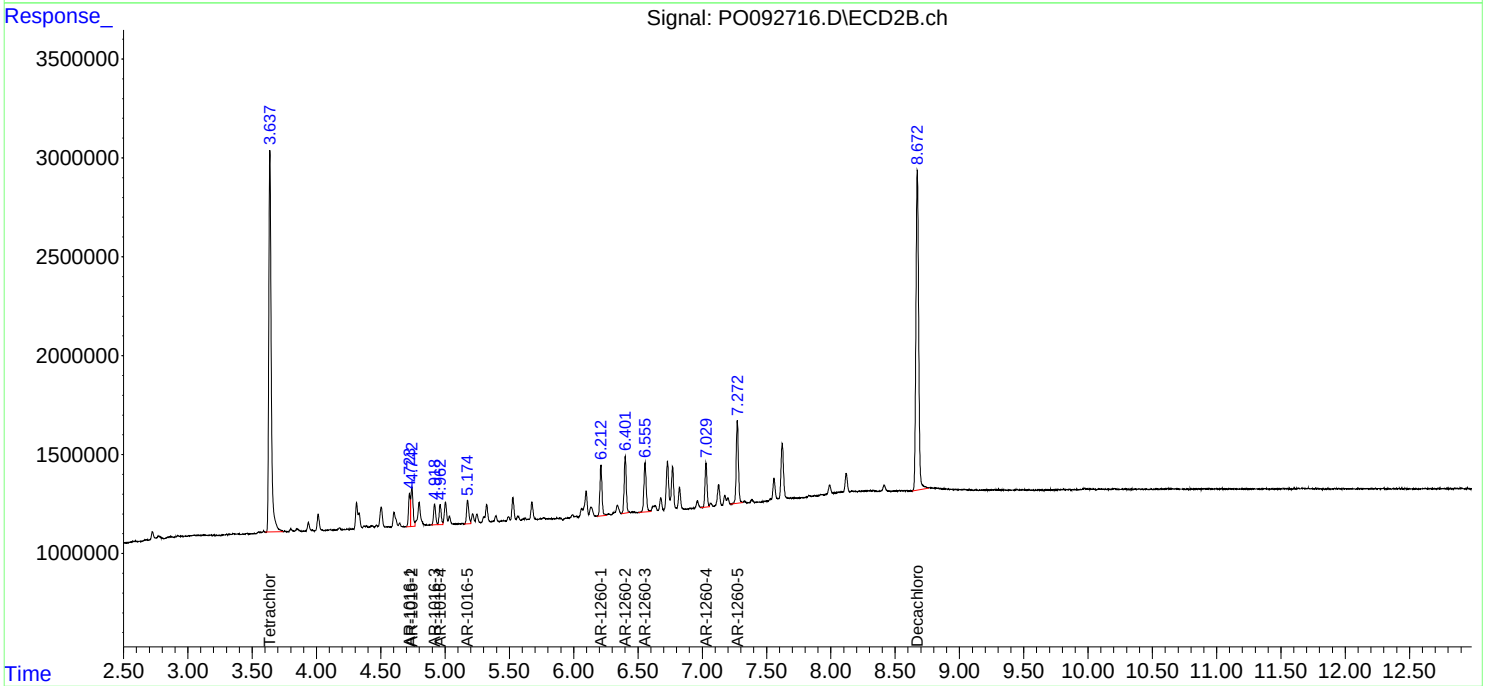
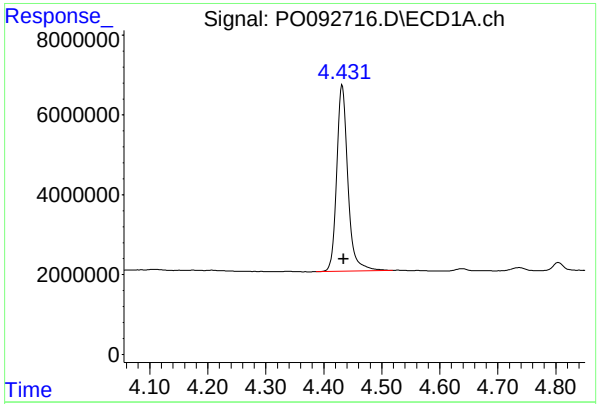


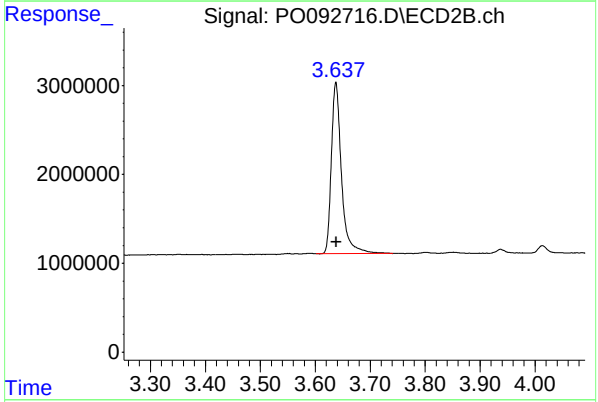




#1 Tetrachloro-m-xylene

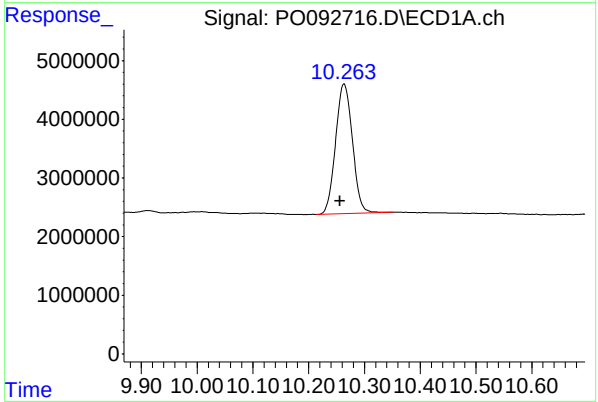
R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 62702264
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



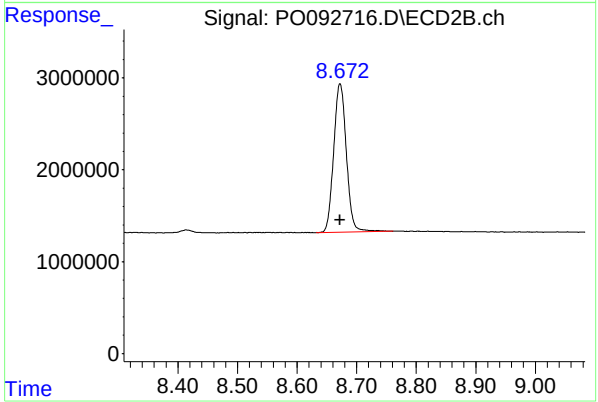
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 24736308
Conc: 19.41 ng/ml



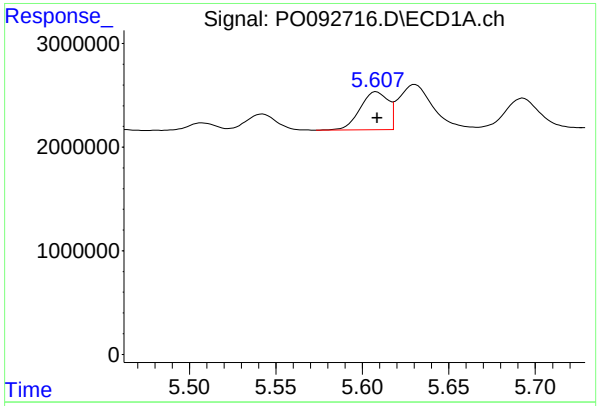
#2 Decachlorobiphenyl

R.T.: 10.263 min
Delta R.T.: 0.007 min
Response: 46619838
Conc: 24.24 ng/ml



#2 Decachlorobiphenyl

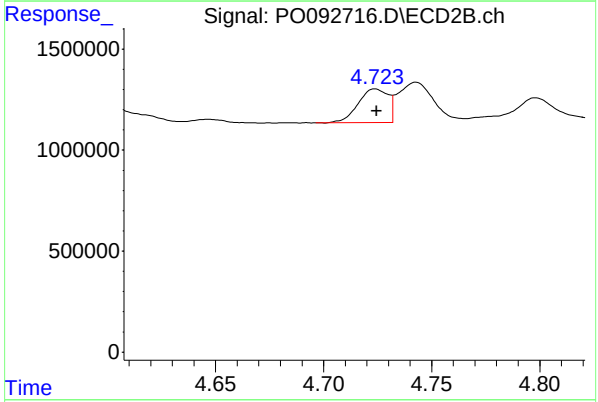
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 23951664
Conc: 20.55 ng/ml



#3 AR-1016-1

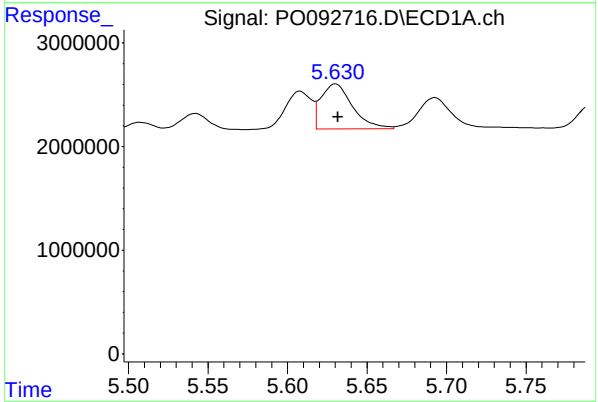
R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 4141888
Conc: 45.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



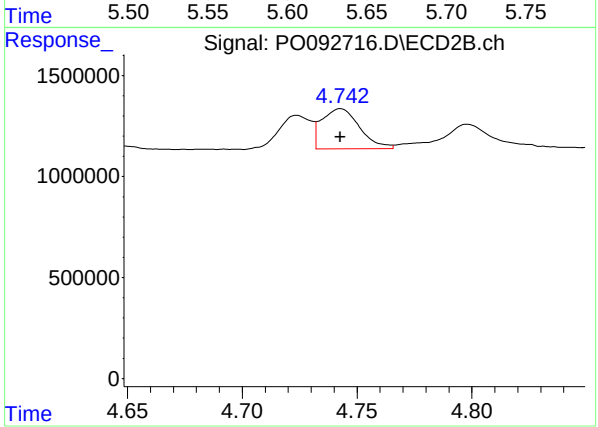
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1612210
Conc: 39.91 ng/ml



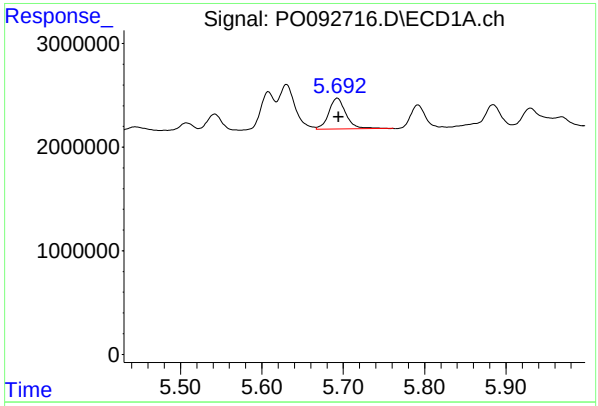
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 6042412
Conc: 45.34 ng/ml



#4 AR-1016-2

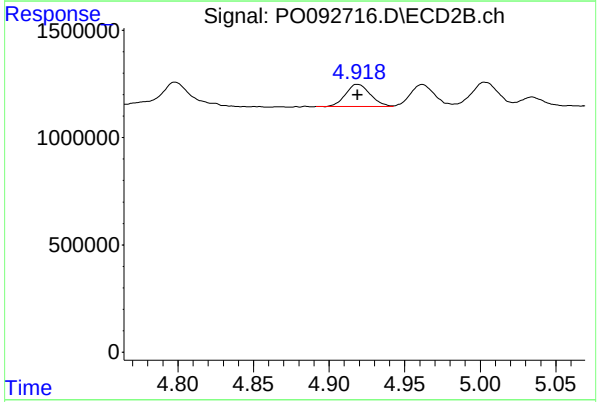
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 2297168
Conc: 39.78 ng/ml



#5 AR-1016-3

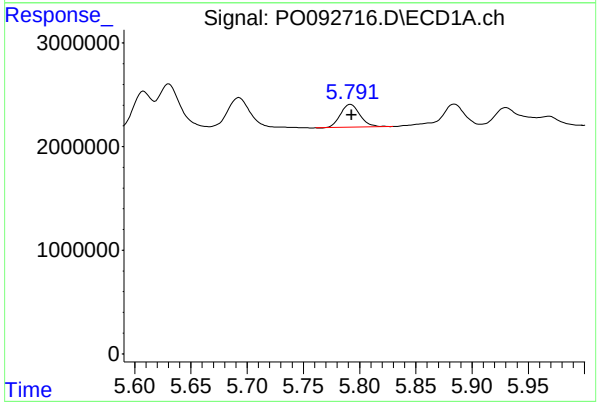
R.T.: 5.693 min
Delta R.T.: -0.001 min
Response: 4381497
Conc: 50.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



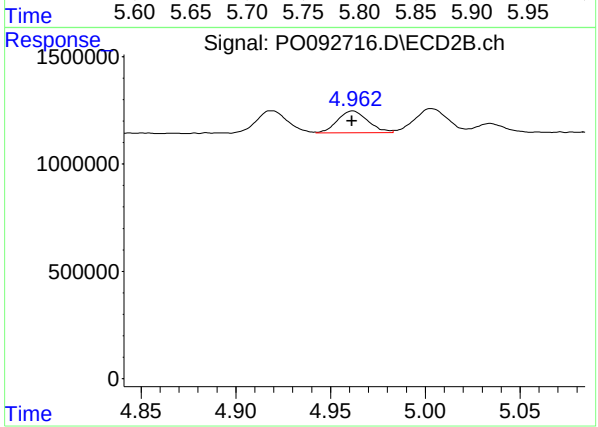
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 1179684
Conc: 37.65 ng/ml



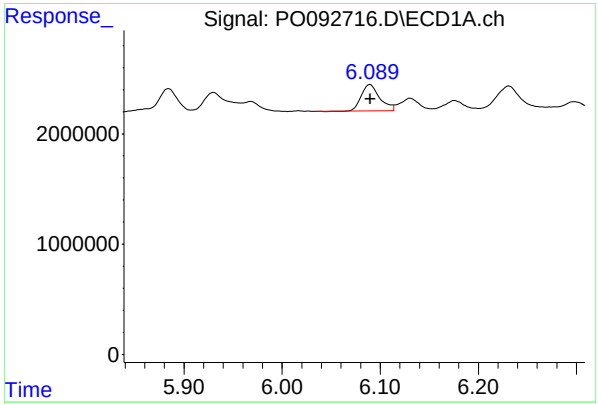
#6 AR-1016-4

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2675438
Conc: 40.97 ng/ml



#6 AR-1016-4

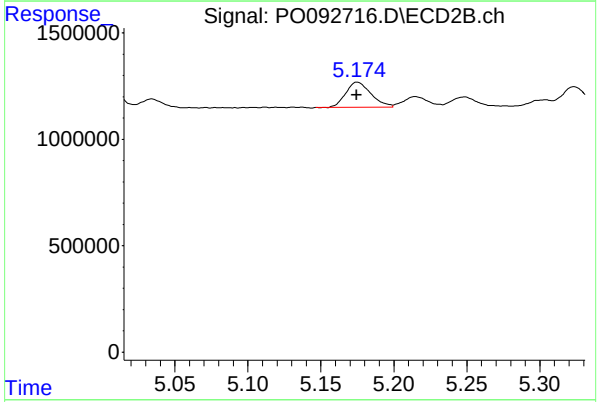
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 1142846
Conc: 40.88 ng/ml



#7 AR-1016-5

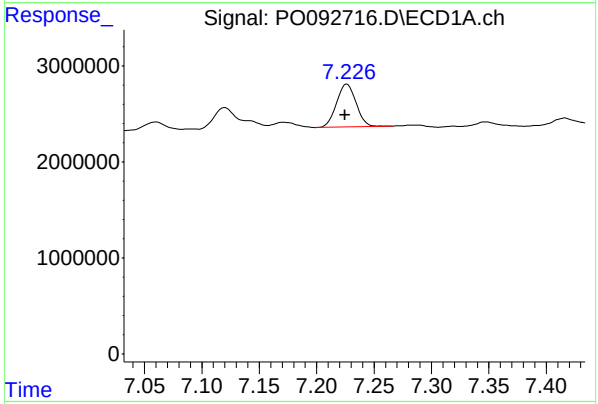
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 3110622
Conc: 43.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



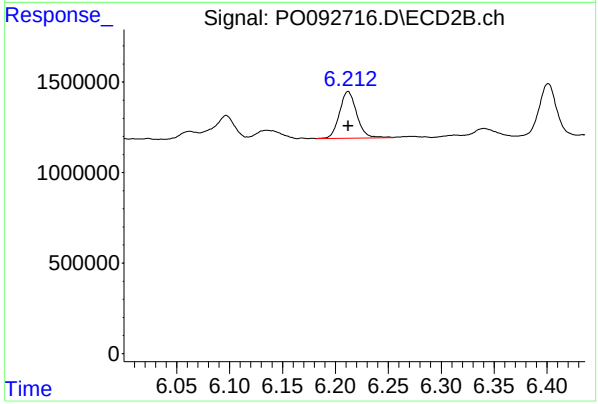
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1432390
Conc: 40.38 ng/ml



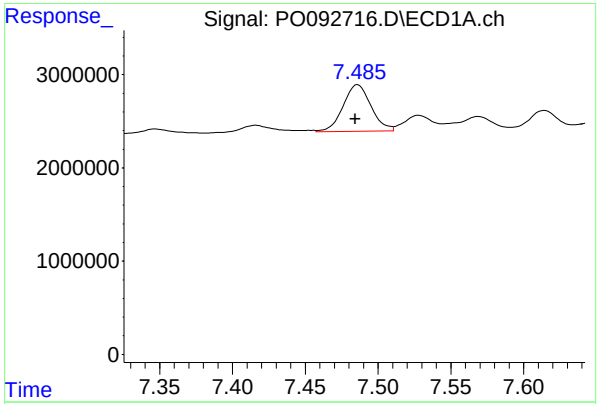
#31 AR-1260-1

R.T.: 7.226 min
Delta R.T.: 0.002 min
Response: 5323887
Conc: 43.63 ng/ml



#31 AR-1260-1

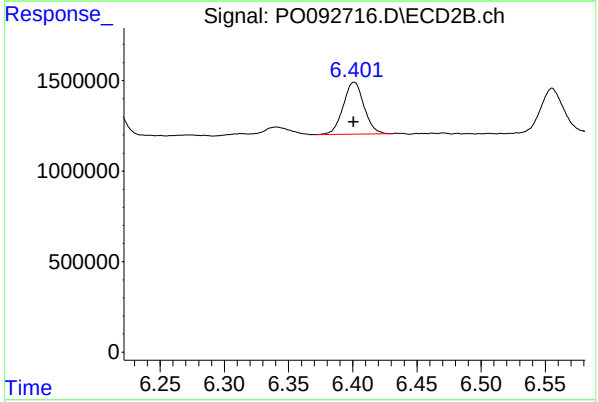
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2921410
Conc: 42.88 ng/ml



#32 AR-1260-2

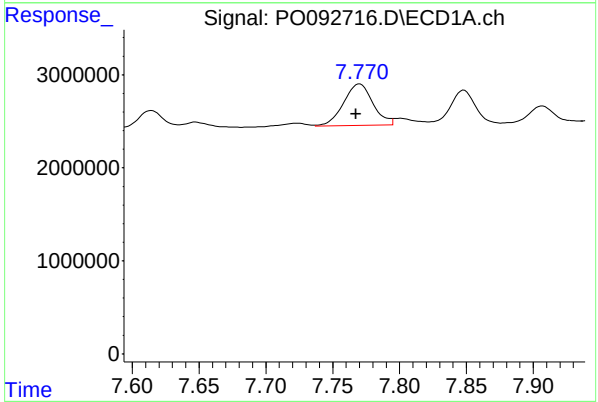
R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 6622925
Conc: 45.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



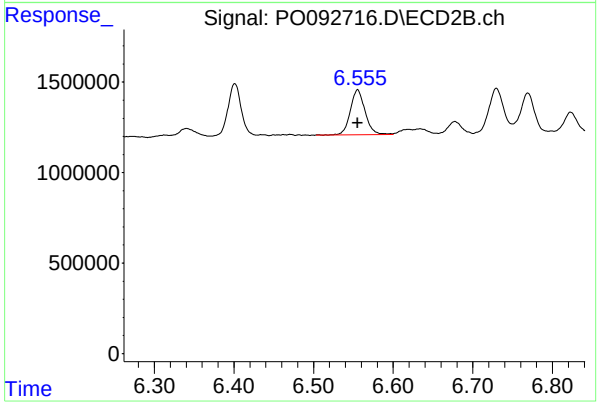
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 3238240
Conc: 40.29 ng/ml



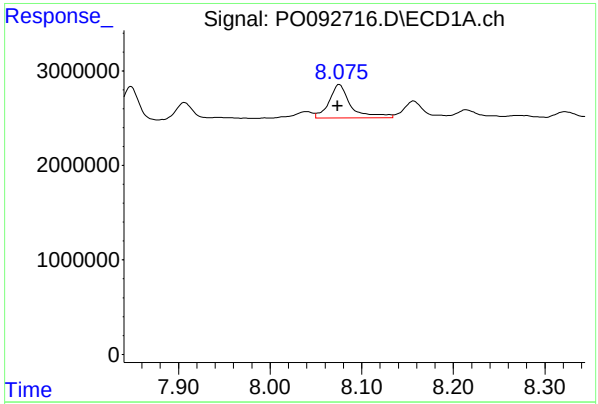
#33 AR-1260-3

R.T.: 7.770 min
Delta R.T.: 0.003 min
Response: 6844073
Conc: 43.54 ng/ml



#33 AR-1260-3

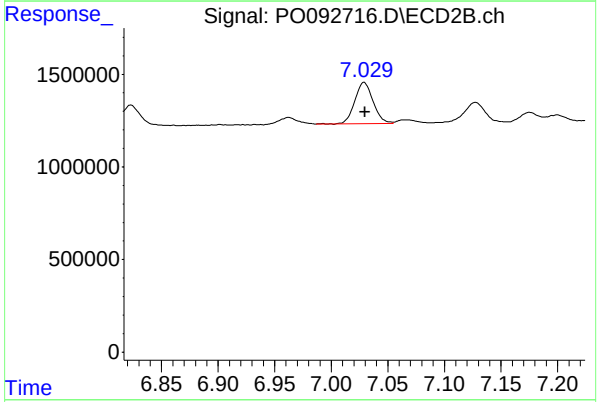
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 3171563
Conc: 39.29 ng/ml



#34 AR-1260-4

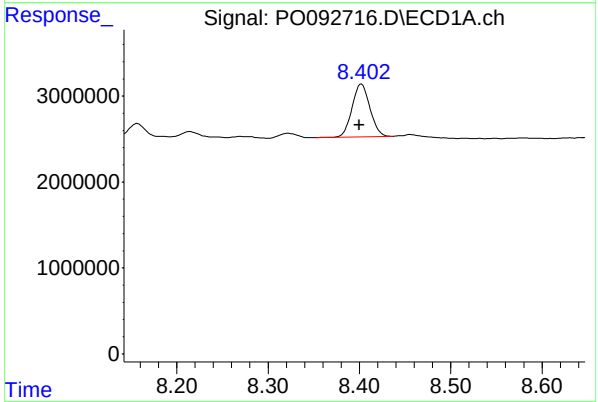
R.T.: 8.076 min
Delta R.T.: 0.002 min
Response: 5787421
Conc: 49.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



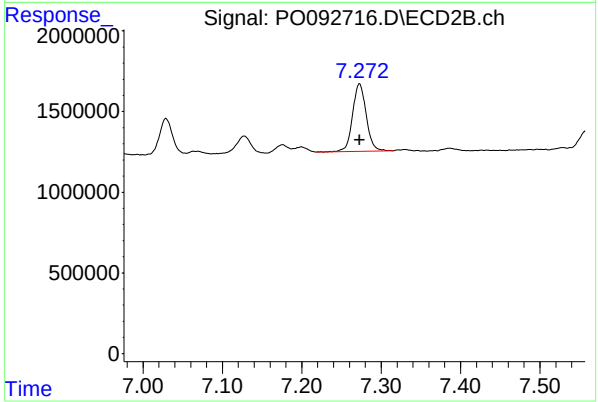
#34 AR-1260-4

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 2513494
Conc: 41.29 ng/ml



#35 AR-1260-5

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 8319252
Conc: 40.11 ng/ml



#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 5016582
Conc: 39.29 ng/ml