Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062922\
Data File : PO087586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2022 21:27
Operator : YP/AJ
Sample : N3214-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 04:16:59 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO062722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 28 02:46:21 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...	4.450	3.609	50312409	20445783	19.438	20.778
2)	SA Decachlor...	10.301	8.613	46997697	14939413	23.008	18.429
	Target Compounds						
3)	L1 AR-1016-1	5.626	4.689	3831188	1340973	42.686	33.532
4)	L1 AR-1016-2	5.649	4.708	4770753	1888806	37.960	33.879
5)	L1 AR-1016-3	5.711	4.883	3141835	1167693	40.368	39.663
6)	L1 AR-1016-4	5.811	4.926	2291328	867619	37.486	36.104
7)	L1 AR-1016-5	6.108	5.139	2451867	1094015	40.911	35.766
31)	L7 AR-1260-1	7.241	6.172	4481476	2080510	39.976	36.852
32)	L7 AR-1260-2	7.498	6.360	5464179	2558807	40.096	37.821
33)	L7 AR-1260-3	7.860	6.513	3939010	2220727	42.053	35.155
34)	L7 AR-1260-4	8.087	6.985	4391176	1741856	41.977	37.456
35)	L7 AR-1260-5	8.416	7.227	8046290	4011480	40.789	37.214

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

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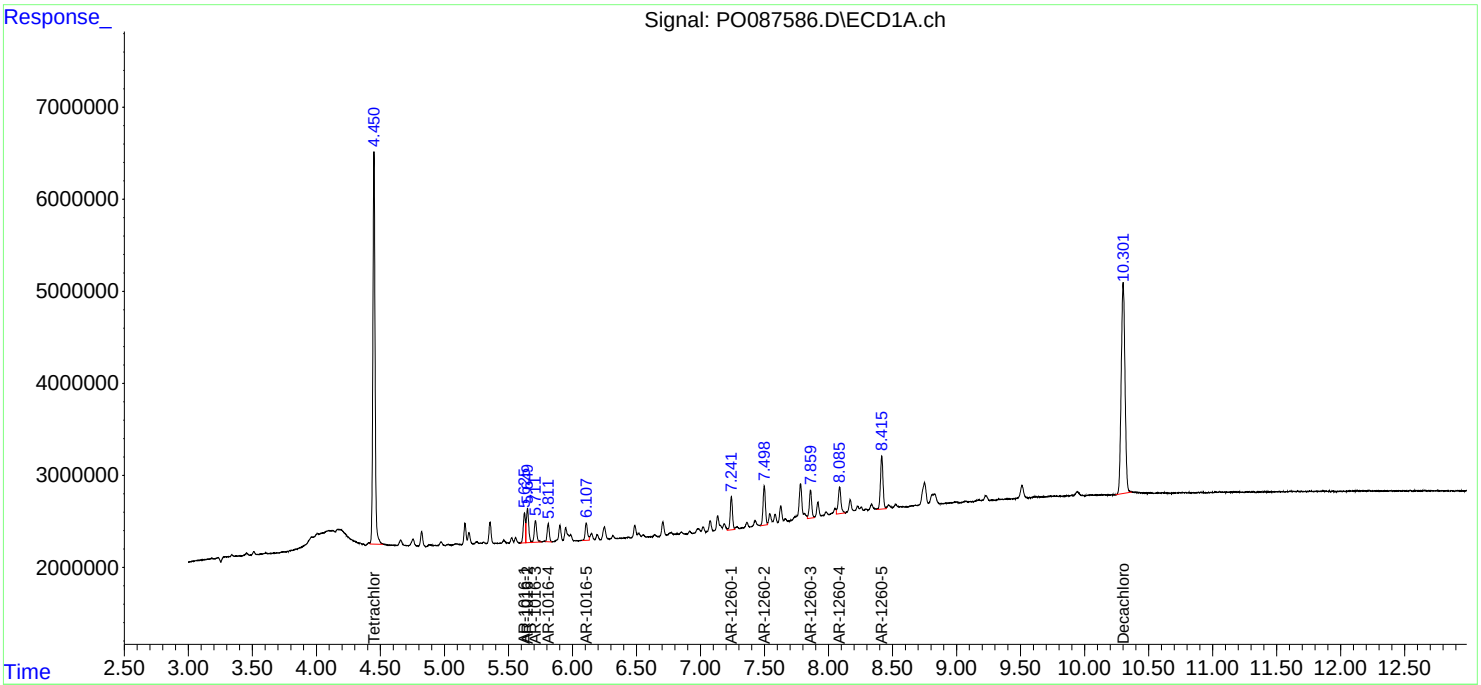
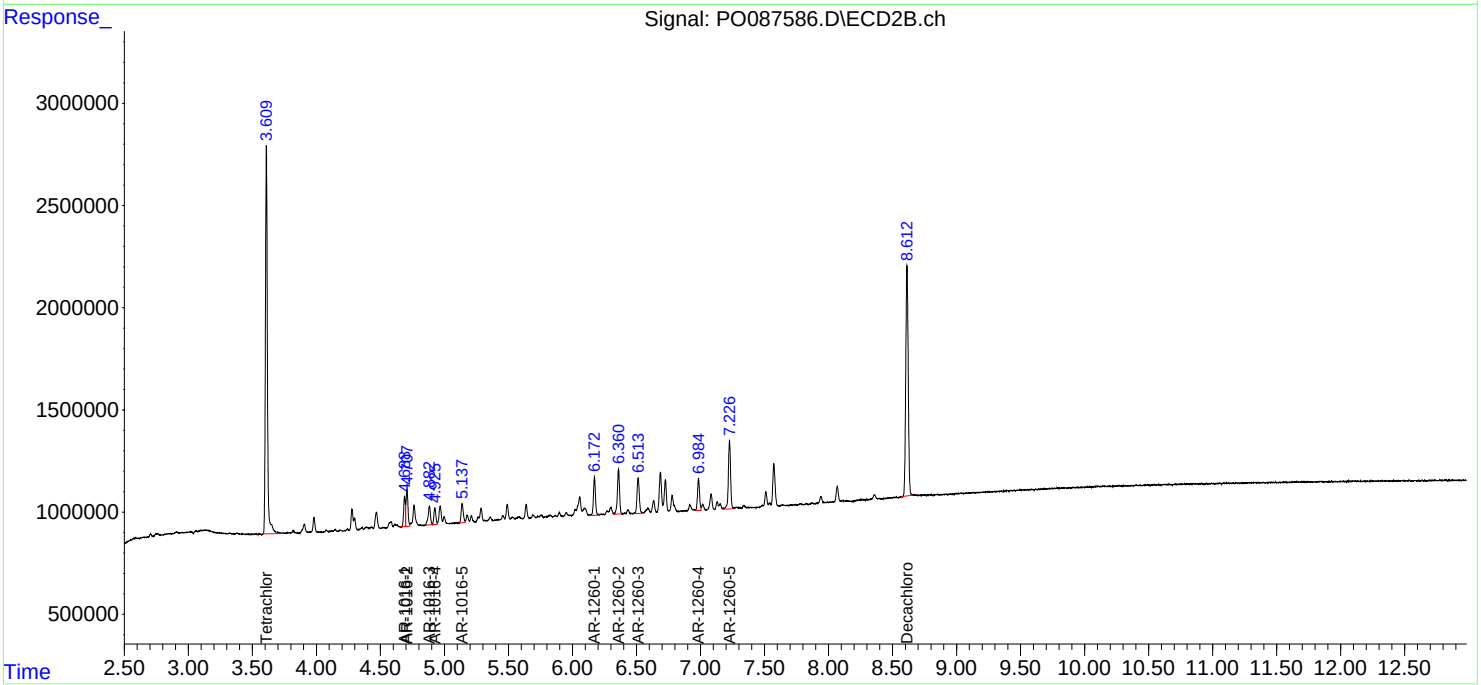
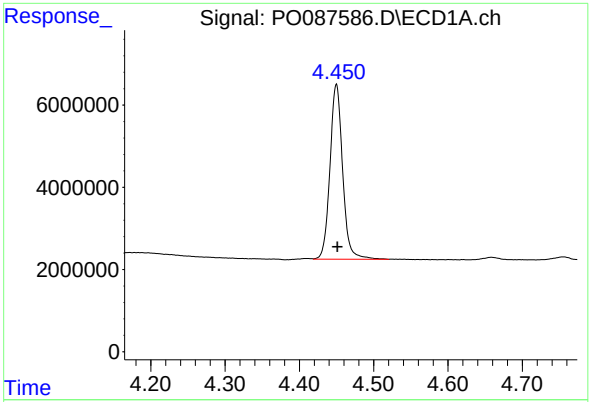


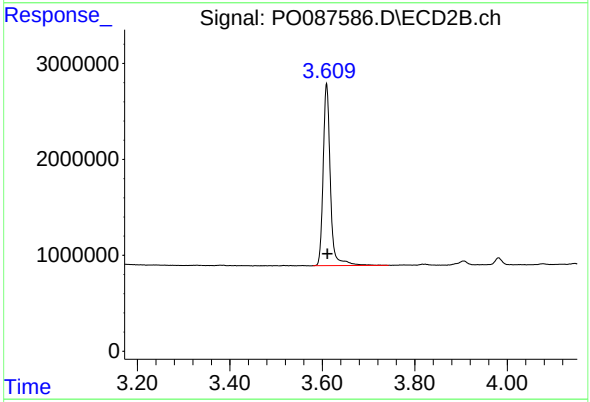




#1 Tetrachloro-m-xylene

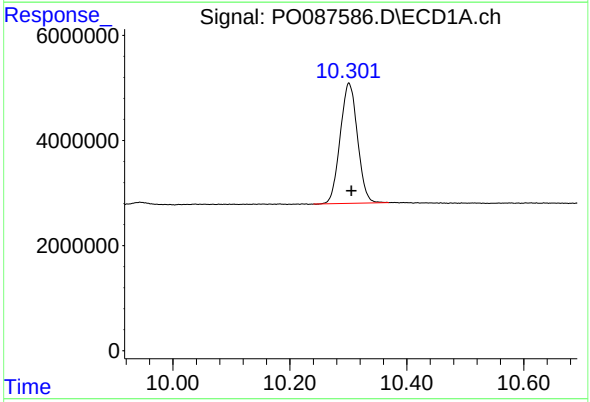
R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 50312409
Conc: 19.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



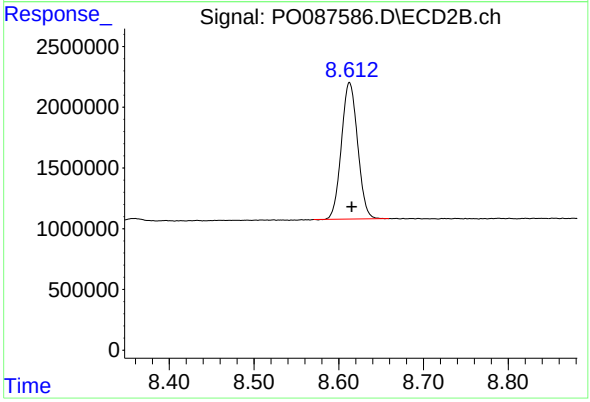
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 20445783
Conc: 20.78 ng/ml



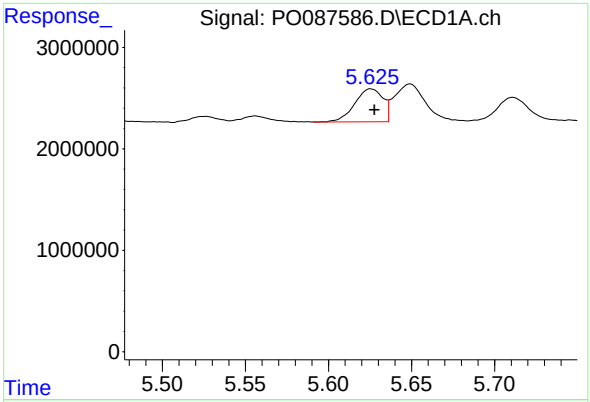
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: -0.004 min
Response: 46997697
Conc: 23.01 ng/ml



#2 Decachlorobiphenyl

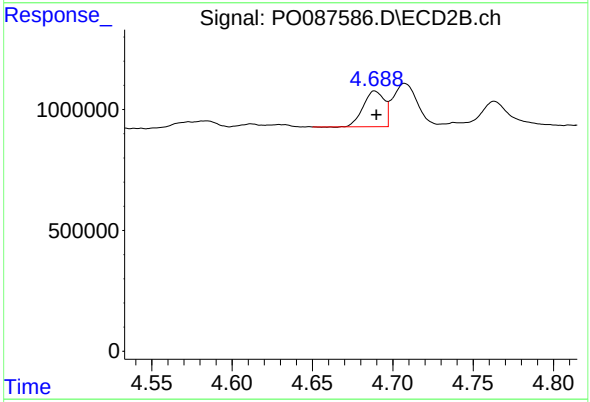
R.T.: 8.613 min
Delta R.T.: -0.003 min
Response: 14939413
Conc: 18.43 ng/ml



#3 AR-1016-1

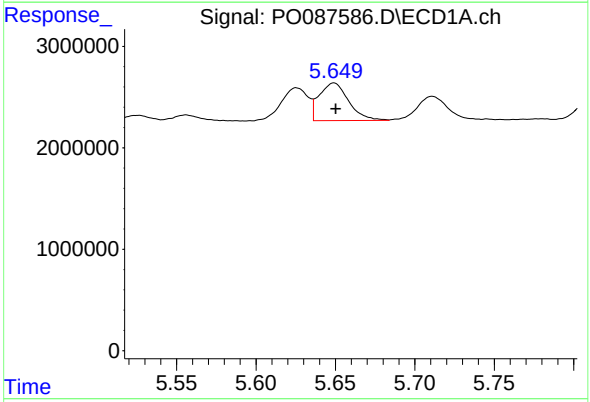
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 3831188
Conc: 42.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



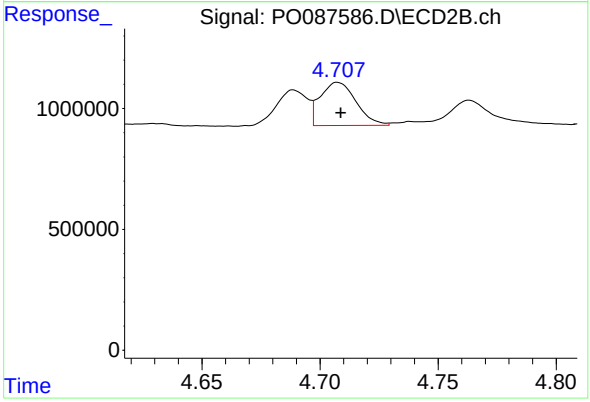
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 1340973
Conc: 33.53 ng/ml



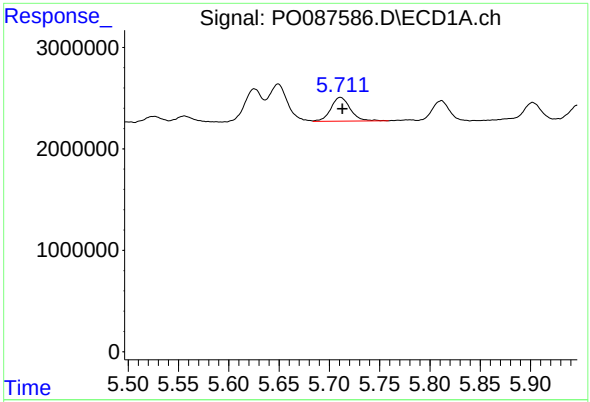
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 4770753
Conc: 37.96 ng/ml



#4 AR-1016-2

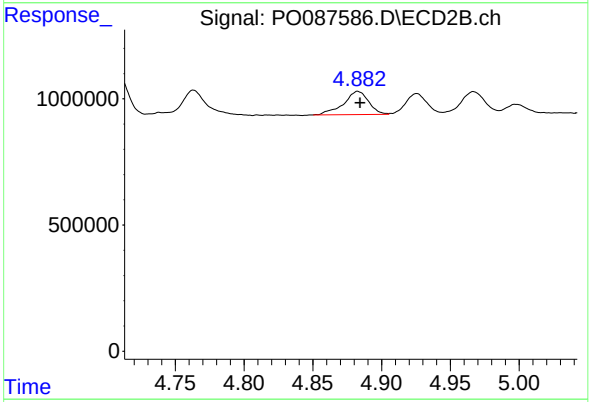
R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 1888806
Conc: 33.88 ng/ml



#5 AR-1016-3

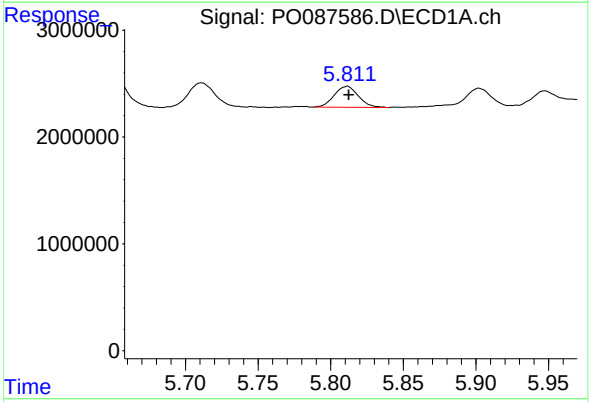
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 3141835
Conc: 40.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



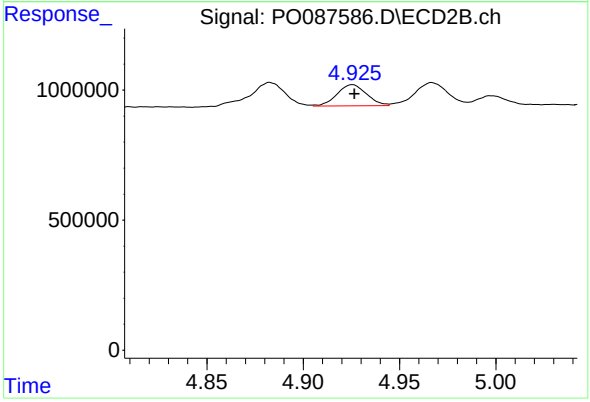
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 1167693
Conc: 39.66 ng/ml



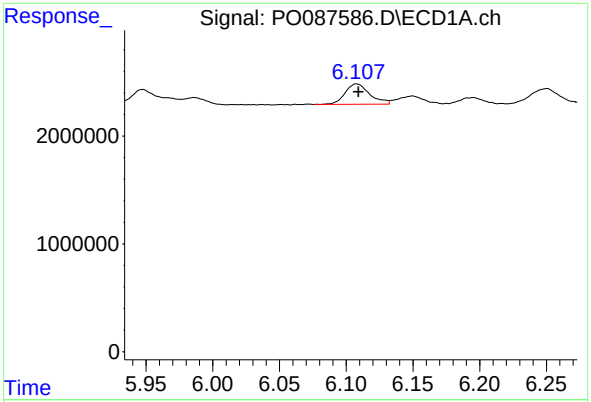
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 2291328
Conc: 37.49 ng/ml



#6 AR-1016-4

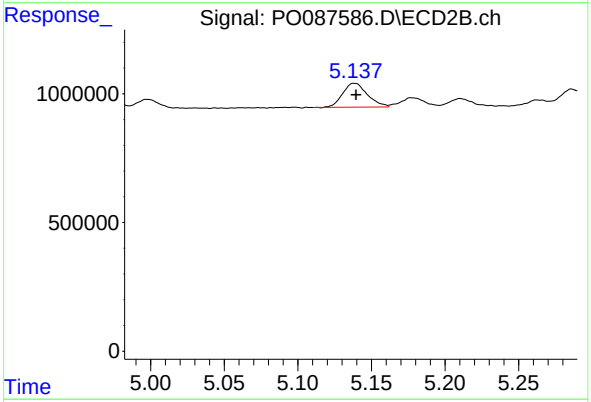
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 867619
Conc: 36.10 ng/ml



#7 AR-1016-5

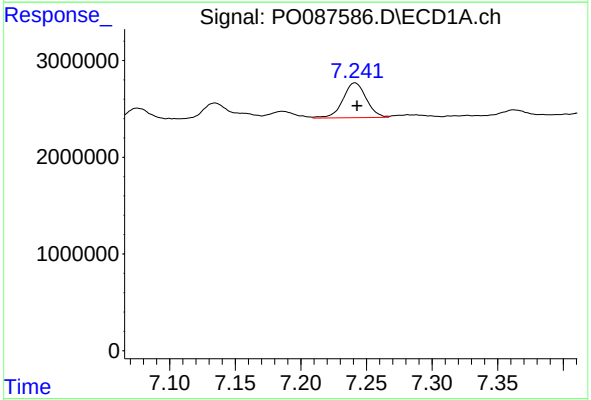
R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 2451867
Conc: 40.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



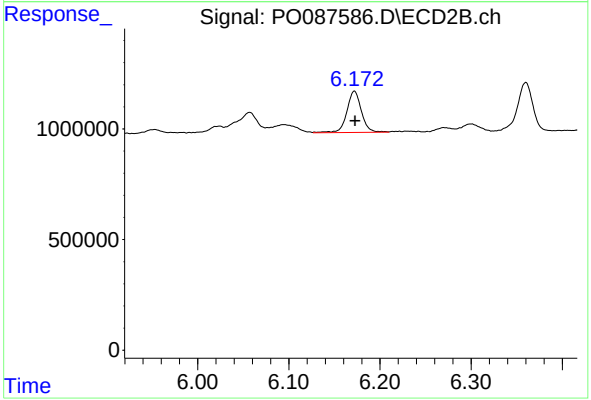
#7 AR-1016-5

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 1094015
Conc: 35.77 ng/ml



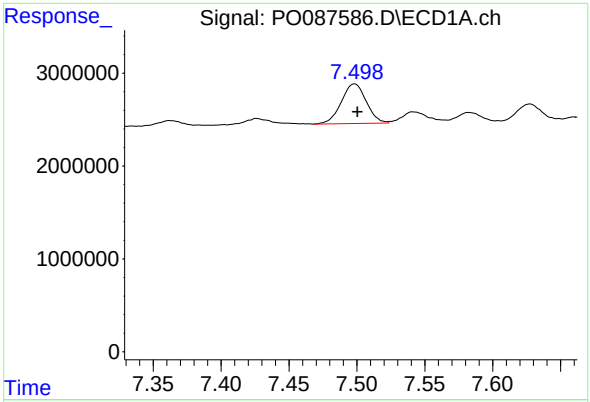
#31 AR-1260-1

R.T.: 7.241 min
Delta R.T.: -0.002 min
Response: 4481476
Conc: 39.98 ng/ml



#31 AR-1260-1

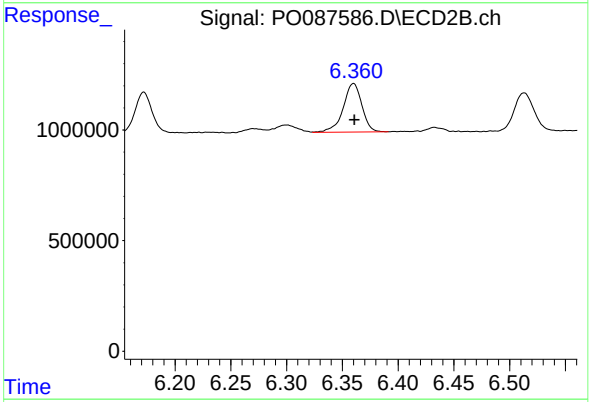
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 2080510
Conc: 36.85 ng/ml



#32 AR-1260-2

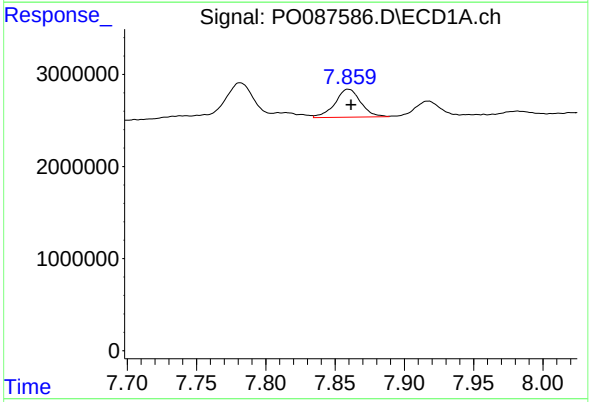
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 5464179
Conc: 40.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



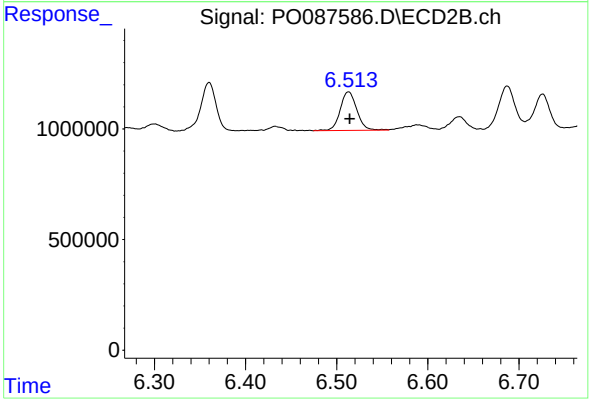
#32 AR-1260-2

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2558807
Conc: 37.82 ng/ml



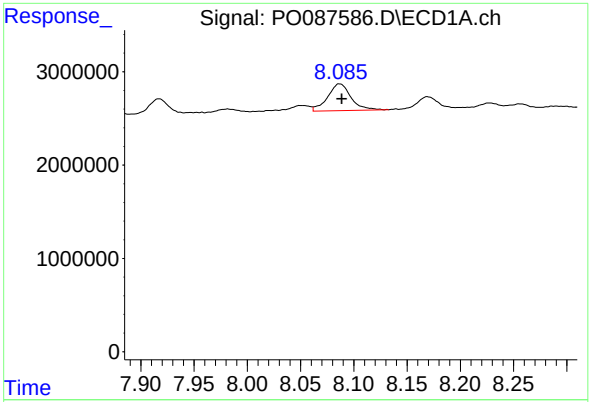
#33 AR-1260-3

R.T.: 7.860 min
Delta R.T.: -0.002 min
Response: 3939010
Conc: 42.05 ng/ml



#33 AR-1260-3

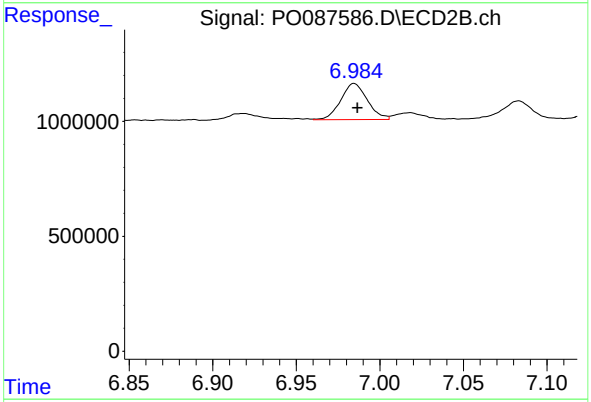
R.T.: 6.513 min
Delta R.T.: -0.001 min
Response: 2220727
Conc: 35.16 ng/ml



#34 AR-1260-4

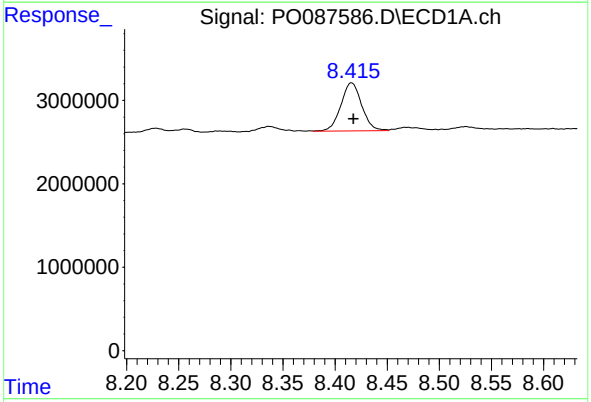
R.T.: 8.087 min
Delta R.T.: -0.002 min
Response: 4391176
Conc: 41.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



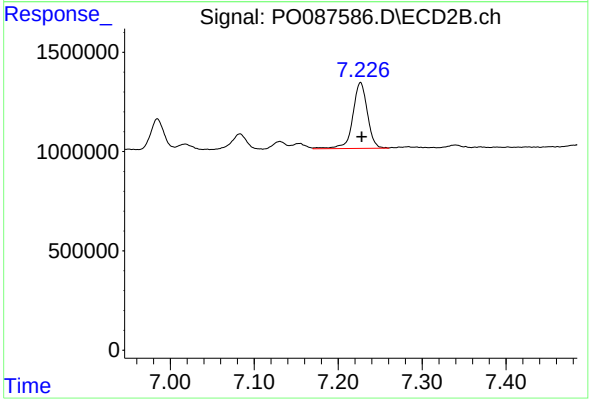
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 1741856
Conc: 37.46 ng/ml



#35 AR-1260-5

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 8046290
Conc: 40.79 ng/ml



#35 AR-1260-5

R.T.: 7.227 min
Delta R.T.: -0.001 min
Response: 4011480
Conc: 37.21 ng/ml