

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031423\
 Data File : PL081447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 11:36
 Operator : AR\AJ
 Sample : 01627-07
 Misc : PEST LOD 2.5PPB WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:30:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.337	2.661	41624458	35908776	19.266	17.743
2)	SA Decachlor...	8.765	7.787	33142066	37892232	21.739	19.782
Target Compounds							
2)	A alpha-BHC	3.786	3.161	6907222	5859489	2.171	1.999
3)	MA gamma-BHC...	4.115	3.489	7837826	5899560	2.649	2.144
4)	MA Heptachlor	4.695	3.823	6743896	5932541	2.444	2.150
5)	MB Aldrin	5.032	4.101	6188632	5977245	2.433	2.280
6)	B beta-BHC	4.317	3.789	3509147	2651686	2.549	2.285
7)	B delta-BHC	4.559	4.016	8900005	5426884	3.202	2.131 #
8)	B Heptachlo...	5.458	4.604	6287823	5740834	2.664	2.374
9)	A Endosulfan I	5.840	4.972	5864578	5204537	2.776	2.299
10)	B gamma-Chl...	5.713	4.853	6556514	5952588	2.873	2.432
11)	B alpha-Chl...	5.791	4.917	6108352	5804157	2.711	2.370
12)	B 4,4'-DDE	5.970	5.107	4522618	4202604	2.311	2.141
13)	MA Dieldrin	6.115	5.237	5373505	5164020	2.567	2.291
14)	MA Endrin	6.342	5.512	4279630	4562135	2.355	2.270
15)	B Endosulfa...	6.563	5.808	4525394	4717378	2.596	2.559
16)	A 4,4'-DDD	6.485	5.662	3812037	2992852	2.476	1.951
17)	MA 4,4'-DDT	6.797	5.912	4398052	3667944	2.771	2.286
18)	B Endrin al...	6.692	5.989	3991014	3942521	2.788m	2.602
19)	B Endosulfa...	6.928	6.212	4717009	4695646	2.627	2.443
20)	A Methoxychlor	7.278	6.492	2407910	2418159	2.795	2.606
21)	B Endrin ke...	7.408	6.717	4530392	5164022	2.497	2.398
22)	Mirex	7.873	6.890	4295064	5140814	2.944	2.671

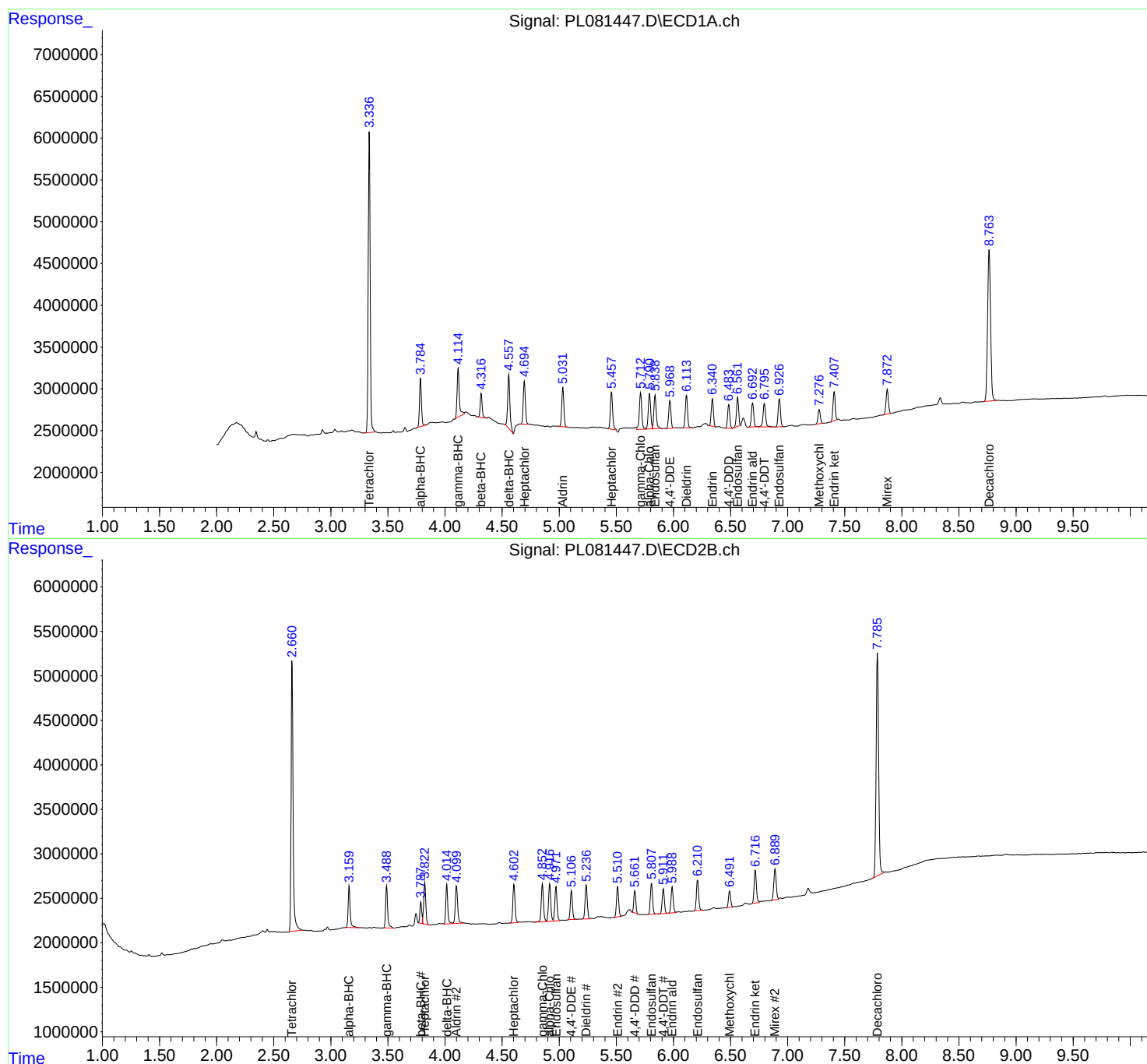
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

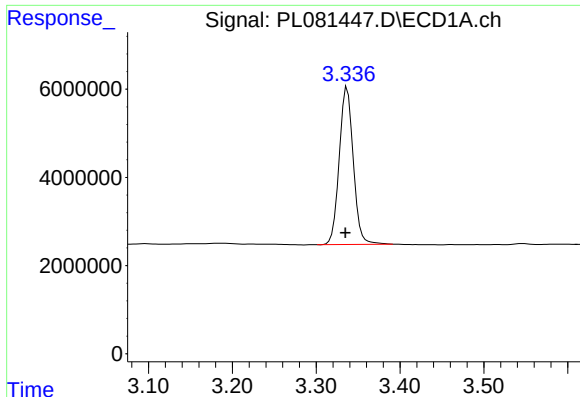
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031423\
Data File : PL081447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 11:36
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

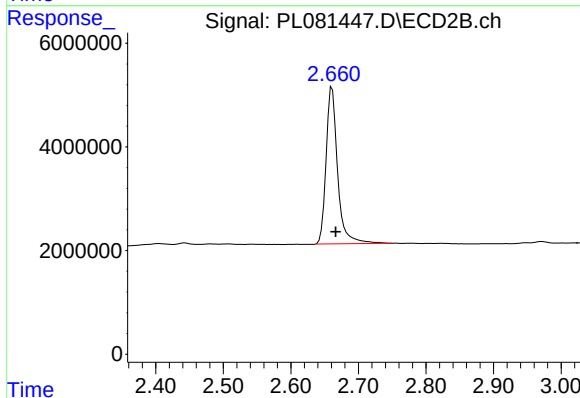




#1 Tetrachloro-m-xylene

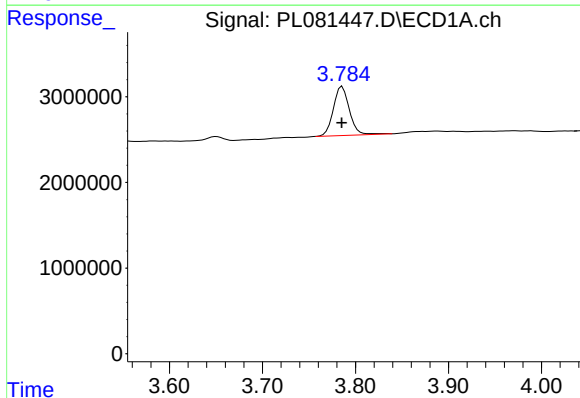
R.T.: 3.337 min
Delta R.T.: 0.002 min
Response: 41624458
Conc: 19.27 ng/ml

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



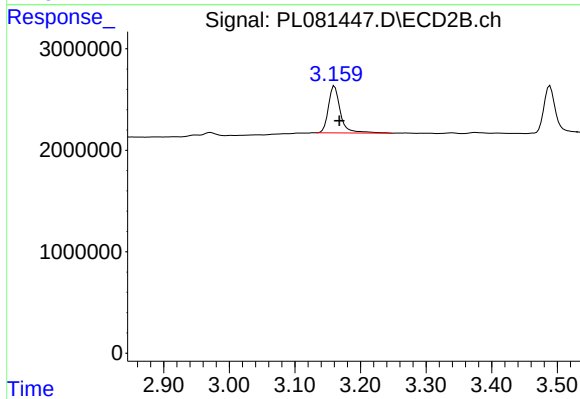
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 35908776
Conc: 17.74 ng/ml



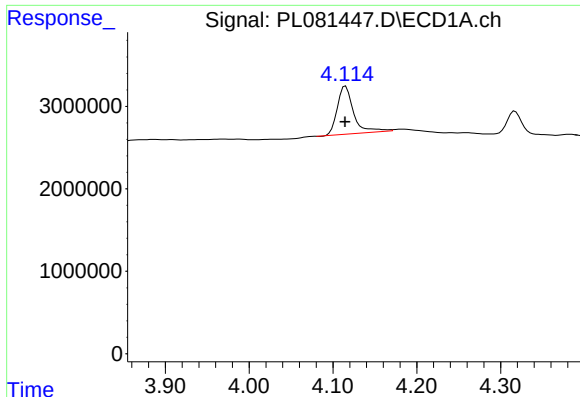
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 6907222
Conc: 2.17 ng/ml



#2 alpha-BHC

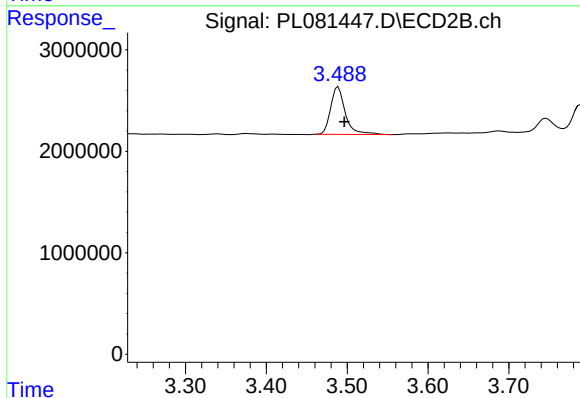
R.T.: 3.161 min
Delta R.T.: -0.007 min
Response: 5859489
Conc: 2.00 ng/ml



#3 gamma-BHC (Lindane)

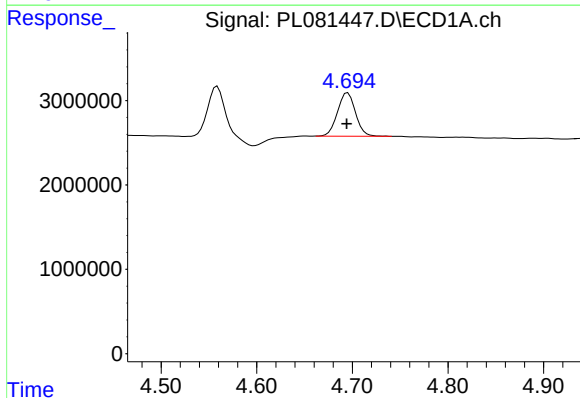
R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 7837826
Conc: 2.65 ng/ml

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



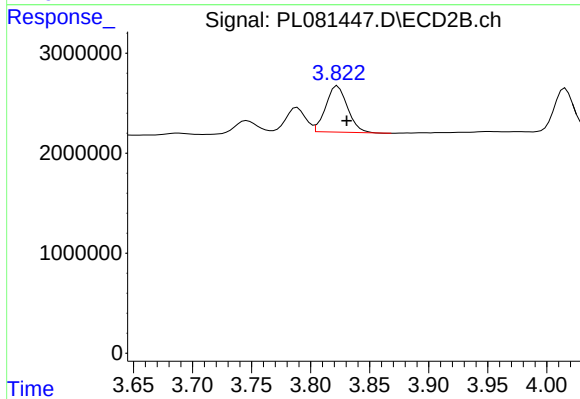
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.007 min
Response: 5899560
Conc: 2.14 ng/ml



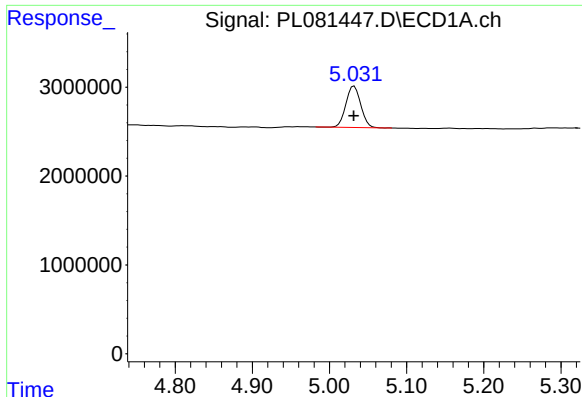
#4 Heptachlor

R.T.: 4.695 min
Delta R.T.: 0.001 min
Response: 6743896
Conc: 2.44 ng/ml



#4 Heptachlor

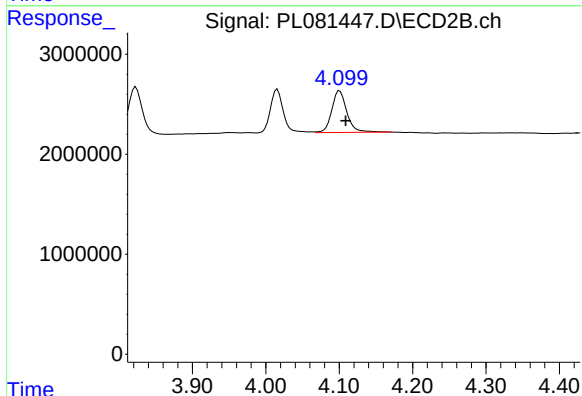
R.T.: 3.823 min
Delta R.T.: -0.008 min
Response: 5932541
Conc: 2.15 ng/ml



#5 Aldrin

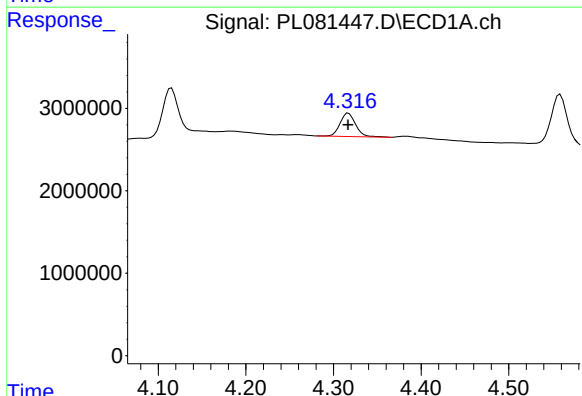
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 6188632
Conc: 2.43 ng/ml

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



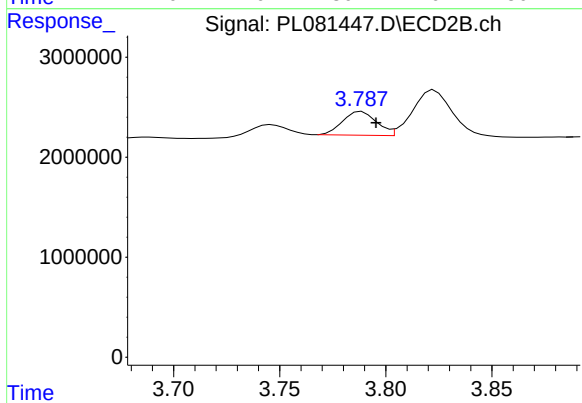
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: -0.008 min
Response: 5977245
Conc: 2.28 ng/ml



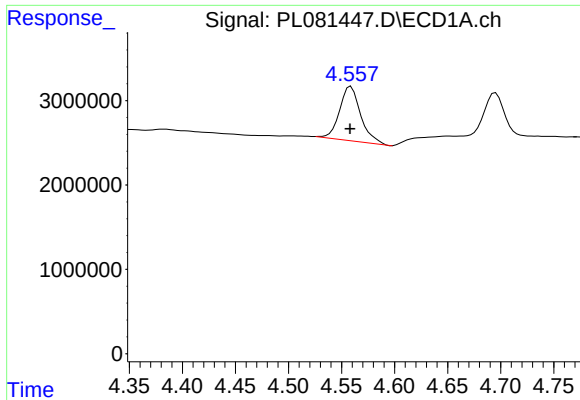
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 3509147
Conc: 2.55 ng/ml



#6 beta-BHC

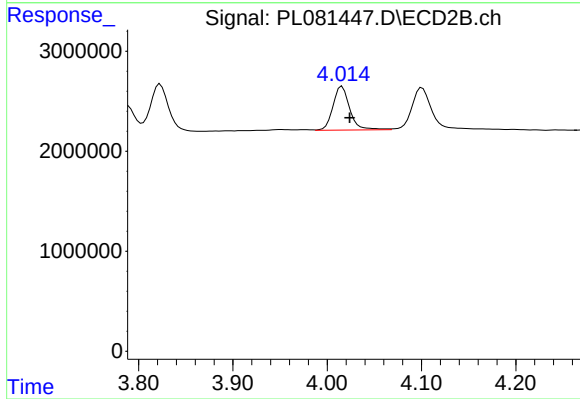
R.T.: 3.789 min
Delta R.T.: -0.007 min
Response: 2651686
Conc: 2.28 ng/ml



#7 delta-BHC

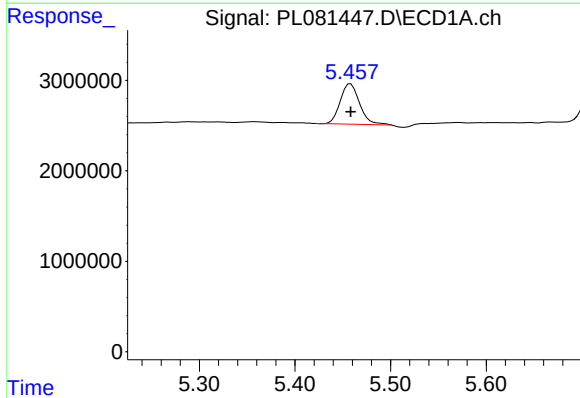
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 8900005
Conc: 3.20 ng/ml

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



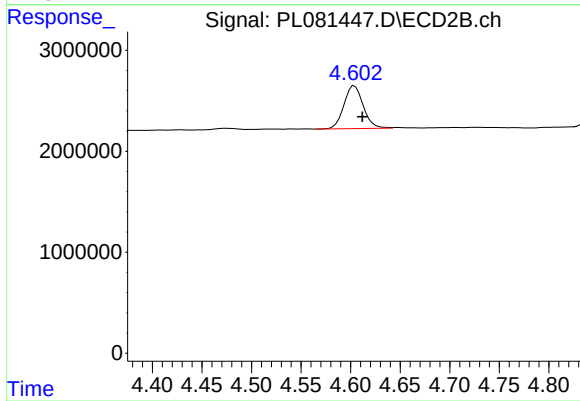
#7 delta-BHC

R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 5426884
Conc: 2.13 ng/ml



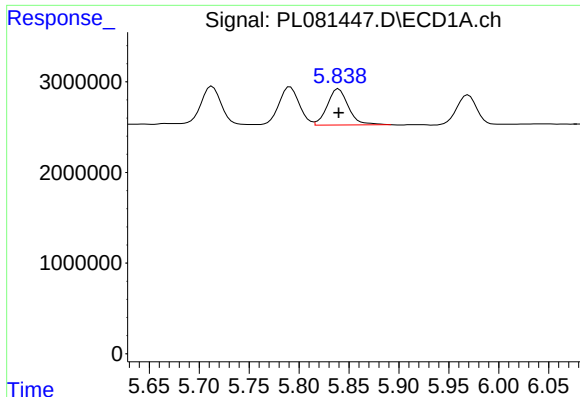
#8 Heptachlor epoxide

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 6287823
Conc: 2.66 ng/ml



#8 Heptachlor epoxide

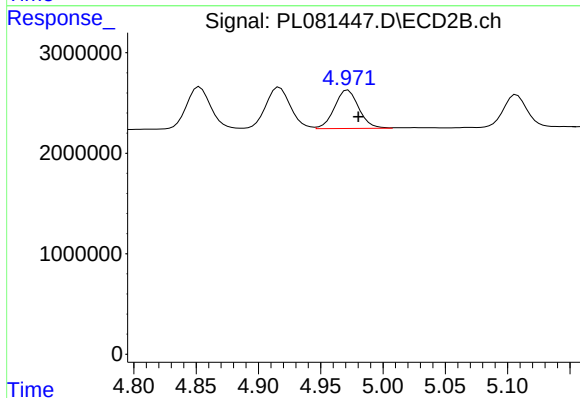
R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 5740834
Conc: 2.37 ng/ml



#9 Endosulfan I

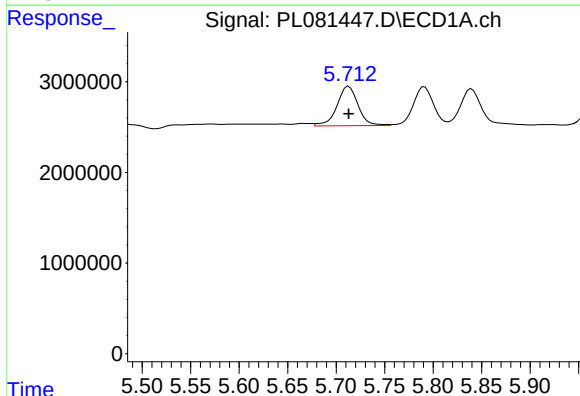
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 5864578
Conc: 2.78 ng/ml

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



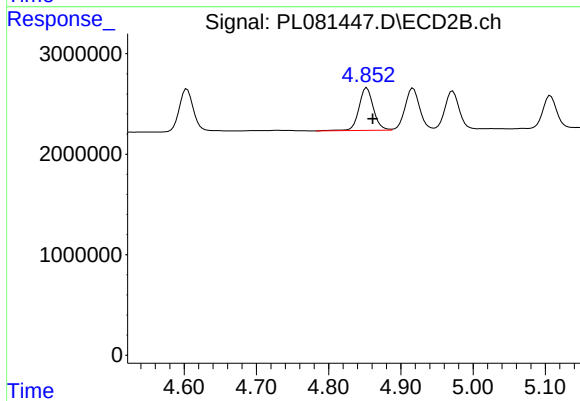
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 5204537
Conc: 2.30 ng/ml



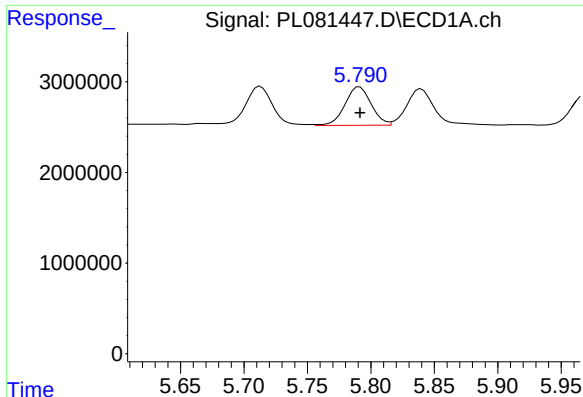
#10 gamma-Chlordane

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 6556514
Conc: 2.87 ng/ml



#10 gamma-Chlordane

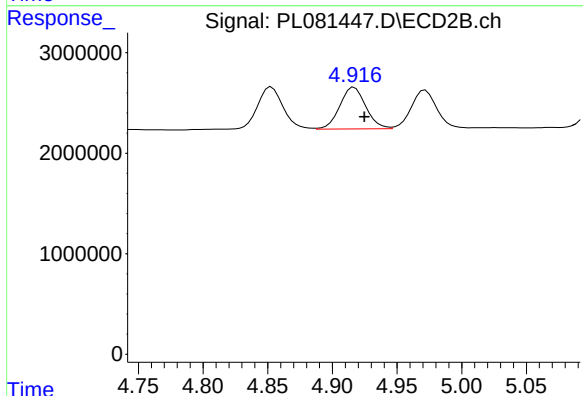
R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 5952588
Conc: 2.43 ng/ml



#11 alpha-Chlordane

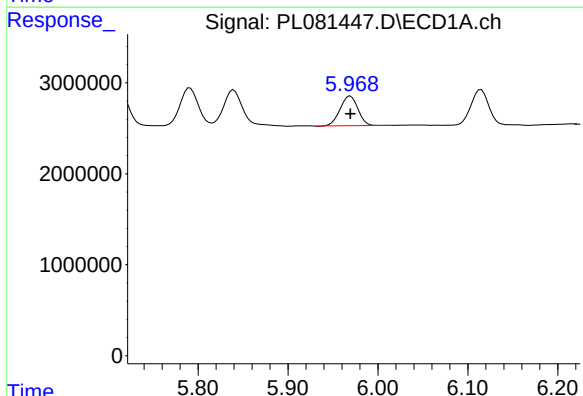
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 6108352
Conc: 2.71 ng/ml

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



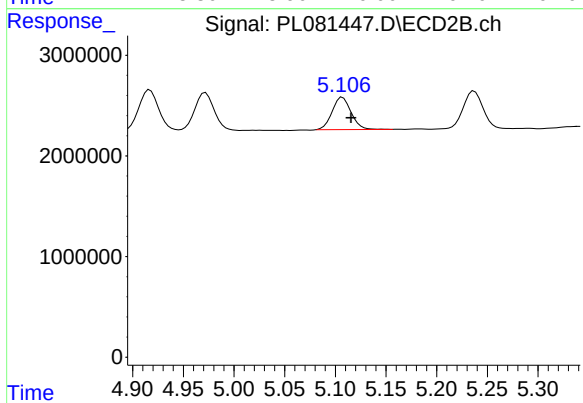
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 5804157
Conc: 2.37 ng/ml



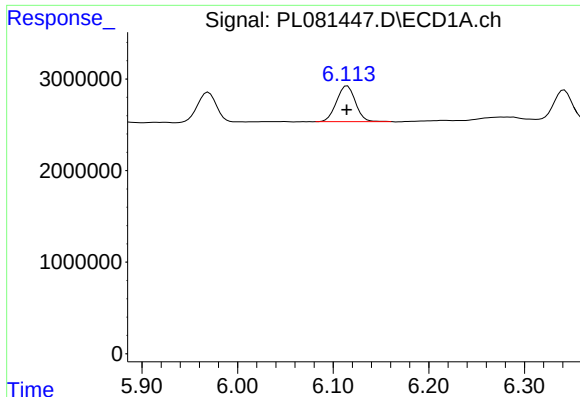
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 4522618
Conc: 2.31 ng/ml



#12 4,4'-DDE

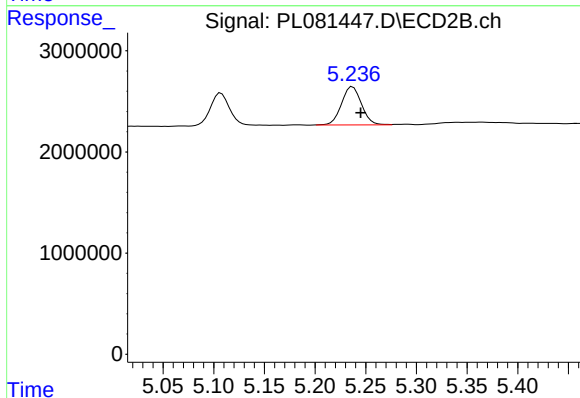
R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 4202604
Conc: 2.14 ng/ml



#13 Dieldrin

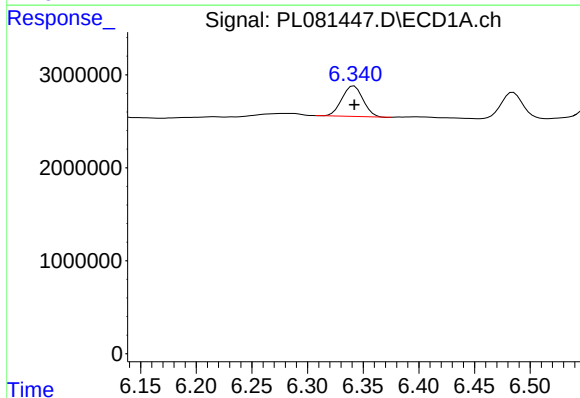
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 5373505
Conc: 2.57 ng/ml

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



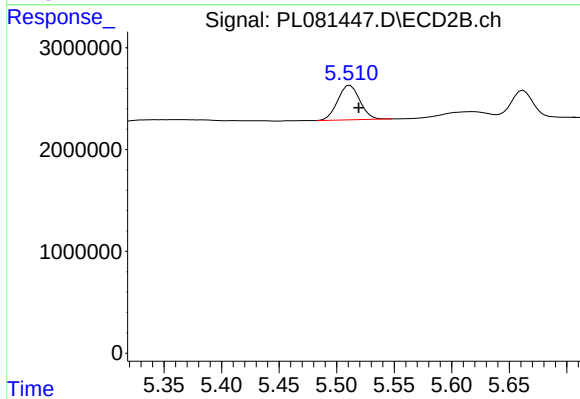
#13 Dieldrin

R.T.: 5.237 min
Delta R.T.: -0.008 min
Response: 5164020
Conc: 2.29 ng/ml



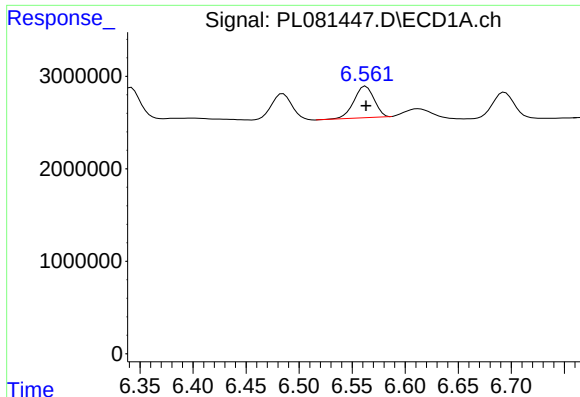
#14 Endrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 4279630
Conc: 2.35 ng/ml



#14 Endrin

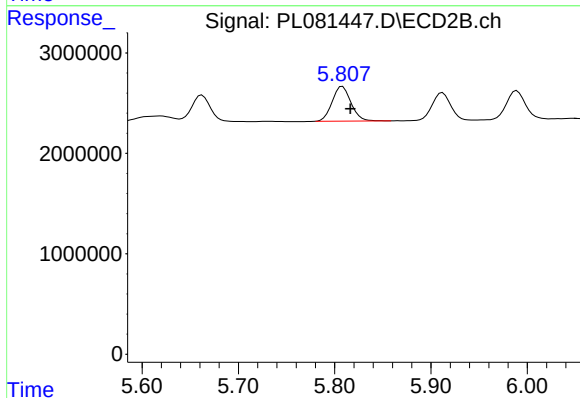
R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 4562135
Conc: 2.27 ng/ml



#15 Endosulfan II

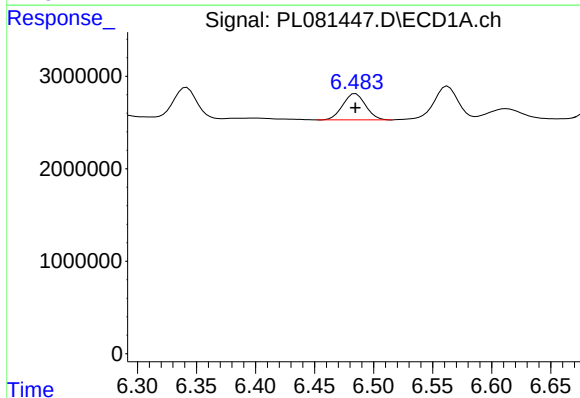
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 4525394
Conc: 2.60 ng/ml

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



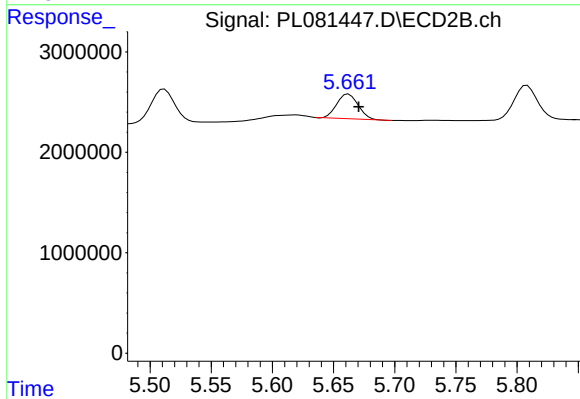
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 4717378
Conc: 2.56 ng/ml



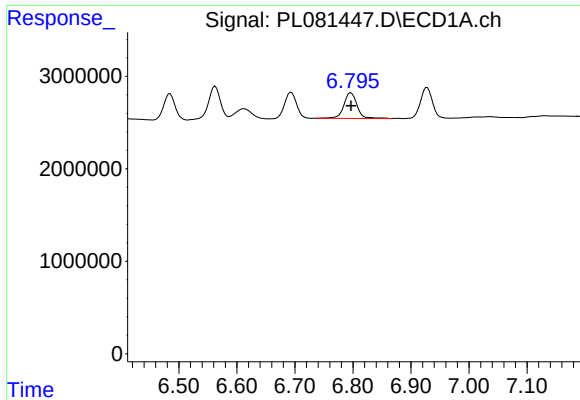
#16 4,4'-DDD

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 3812037
Conc: 2.48 ng/ml



#16 4,4'-DDD

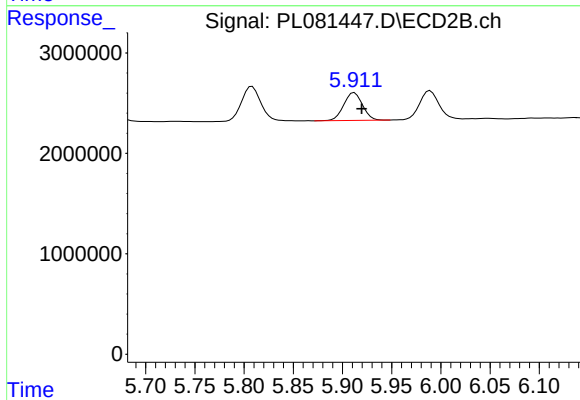
R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 2992852
Conc: 1.95 ng/ml



#17 4,4'-DDT

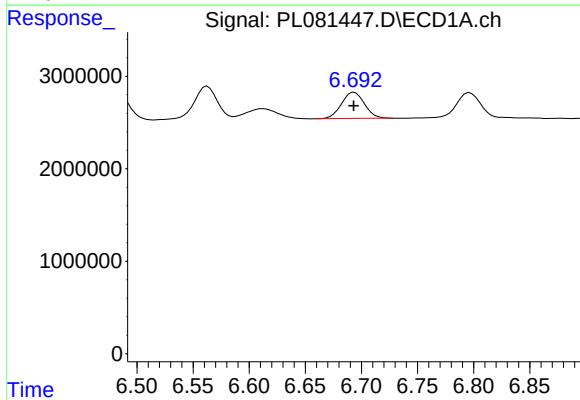
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 4398052
Conc: 2.77 ng/ml

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



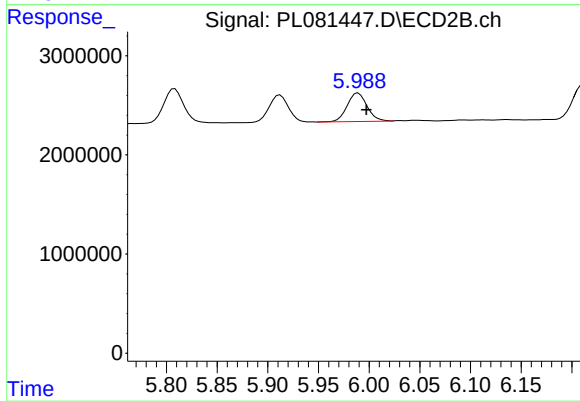
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 3667944
Conc: 2.29 ng/ml



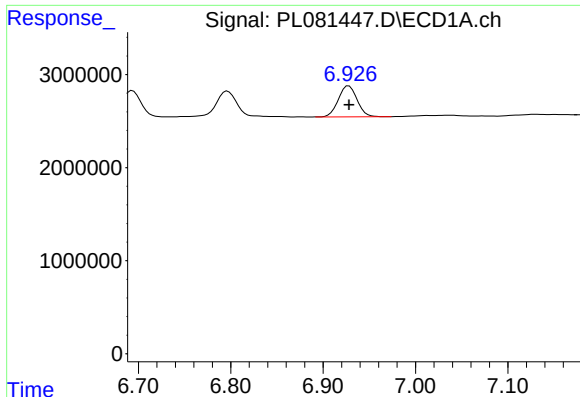
#18 Endrin aldehyde

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 3991014
Conc: 2.79 ng/ml m



#18 Endrin aldehyde

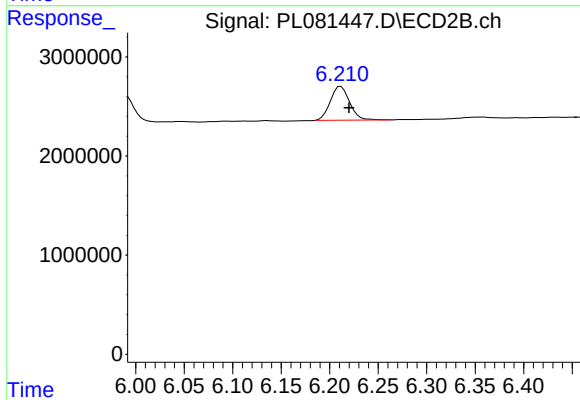
R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 3942521
Conc: 2.60 ng/ml



#19 Endosulfan Sulfate

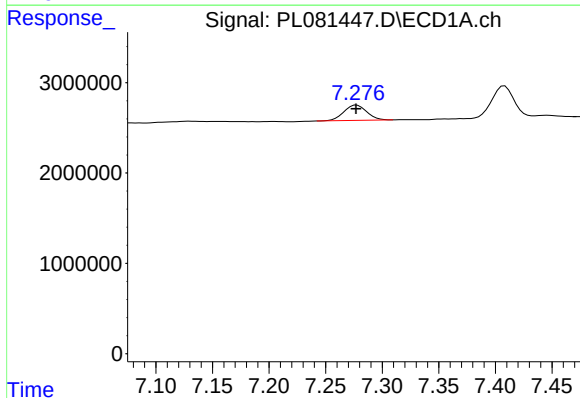
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 4717009
Conc: 2.63 ng/ml

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



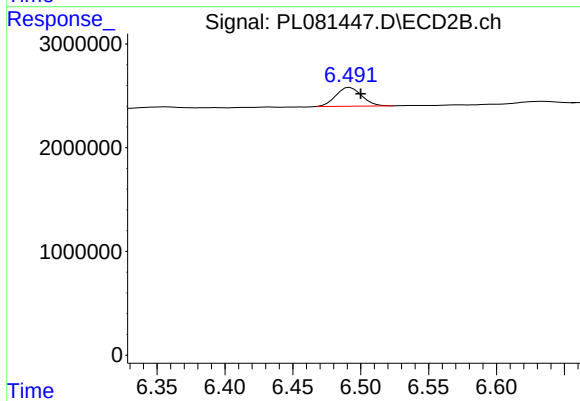
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 4695646
Conc: 2.44 ng/ml



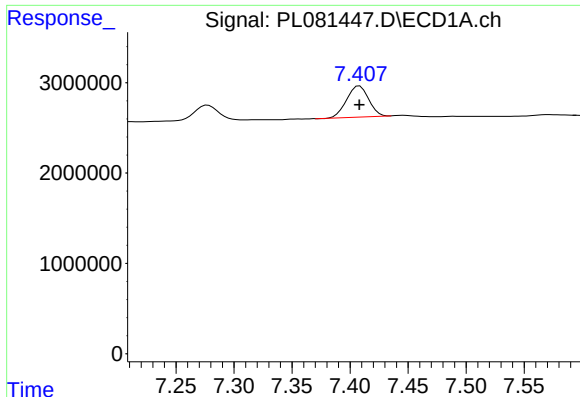
#20 Methoxychlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 2407910
Conc: 2.80 ng/ml



#20 Methoxychlor

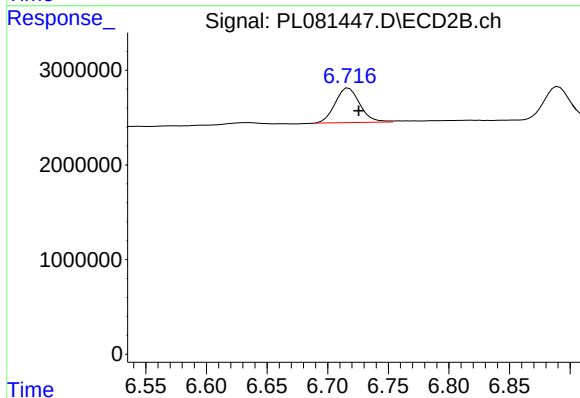
R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 2418159
Conc: 2.61 ng/ml



#21 Endrin ketone

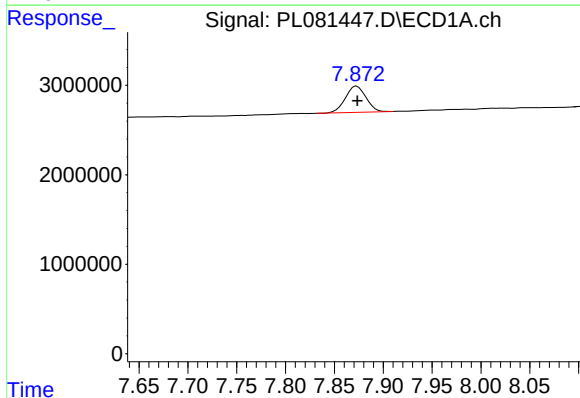
R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 4530392
Conc: 2.50 ng/ml

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



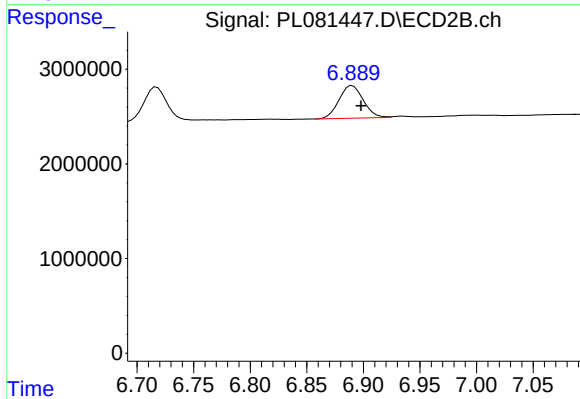
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 5164022
Conc: 2.40 ng/ml



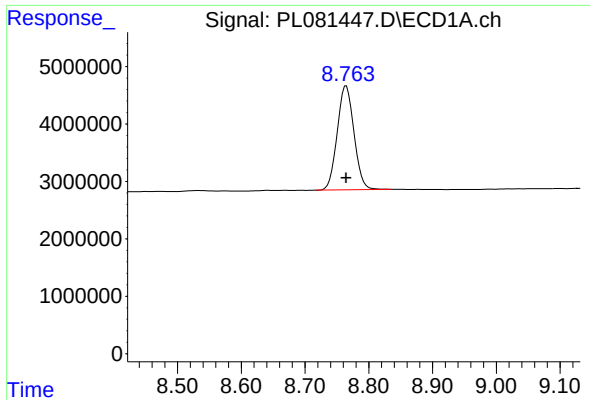
#22 Mirex

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 4295064
Conc: 2.94 ng/ml



#22 Mirex

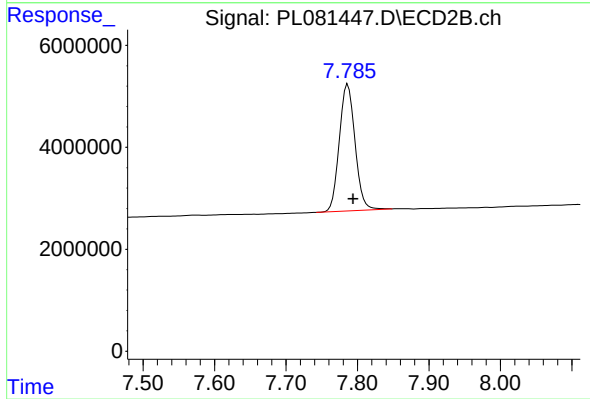
R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 5140814
Conc: 2.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 33142066
Conc: 21.74 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.787 min
Delta R.T.: -0.007 min
Response: 37892232
Conc: 19.78 ng/ml