

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051724\
 Data File : PL089596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 16:35
 Operator : AR\AJ
 Sample : P2409-01
 Misc : PEST MDL WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:48:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051724CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 15:59:18 2024
 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 x 0.50µm

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

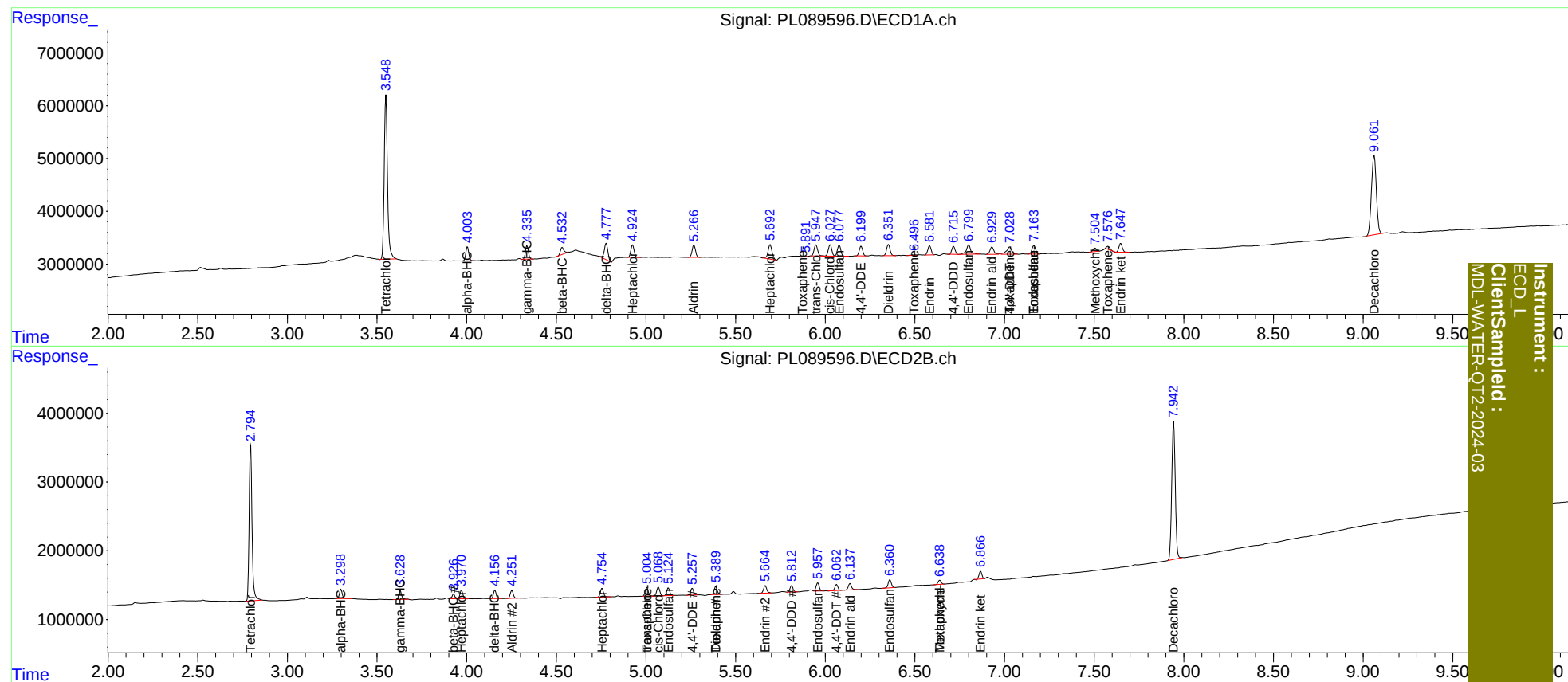
System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.795	39588222	25557009	20.356	19.916
27)	SA Decachlor...	9.062	7.944	28627811	27424857	23.311	22.859
Target Compounds							
2)	A alpha-BHC	4.004	3.299	3138056	1504833	1.124	0.836 #
3)	MA gamma-BHC...	4.337	3.630	2950304	1481647	1.122	0.869
4)	MA Heptachlor	4.926	3.972	3035660	1401003	1.277	0.831 #
5)	MB Aldrin	5.268	4.252	3089210	1346859	1.287	0.840 #
6)	B beta-BHC	4.533	3.928	1758500	679641	1.368	0.788 #
7)	B delta-BHC	4.779	4.158	4341454	1305136	1.675	0.752 #
8)	B Heptachlo...	5.693	4.755	4257500	1585263	1.841	0.992 #
9)	A Endosulfan I	6.078	5.125	2752793	1321374	1.371	0.951 #
10)	B trans-Chl...	5.949	5.005	2986206	1515793	1.375	0.982 #
11)	B cis-Chlor...	6.028	5.070	2922328	1558221	1.337	0.980 #
12)	B 4,4'-DDE	6.200	5.258	2394408	1161048	1.308	0.827 #
13)	MA Dieldrin	6.353	5.390	2902365	1423977	1.432	0.931 #
14)	MA Endrin	6.583	5.666	2263069	1377731	1.329	1.000
15)	B Endosulfa...	6.801	5.959	2988178	1423947	1.653	1.045 #
16)	A 4,4'-DDD	6.716	5.813	1870683	1090264	1.270	0.954
17)	MA 4,4'-DDT	7.029	6.063	2638286	1019350	1.879	0.849 #
18)	B Endrin al...	6.930	6.139	2087432	1156939	1.533	1.092 #
19)	B Endosulfa...	7.165	6.361	2293823	1451609	1.423	1.099
20)	A Methoxychlor	7.505	6.639	895366	722308	1.308	1.066
21)	B Endrin ke...	7.648	6.867	2173850	1196435	1.249	0.814 #
22)	Toxaphene-1	5.874	5.005	199490	1515793	26.923	177.189 #
23)	Toxaphene-2	6.498f	5.390	210101	1423977	10.570	175.621 #
24)	Toxaphene-3	7.029f	6.639	2638286	722308	60.509	25.464 #
25)	Toxaphene-4	7.165	0.000	2293823	0	69.053	N.D. #
26)	Toxaphene-5	7.577	0.000	748219	0	31.955	N.D. #

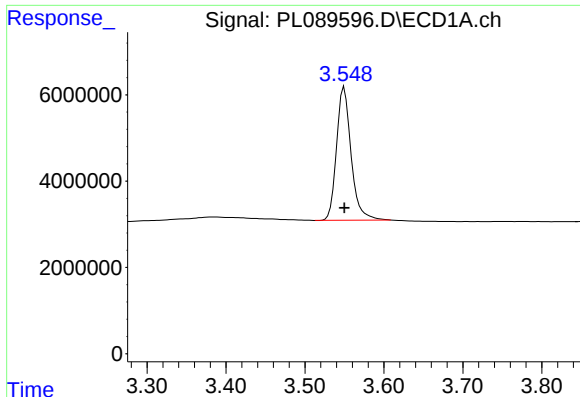
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051724\
Data File : PL089596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 16:35
Operator : AR\AJ
Sample : P2409-01
Misc : PEST MDL WATER
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 01:48:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051724CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 15:59:18 2024
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 x 0.50µm

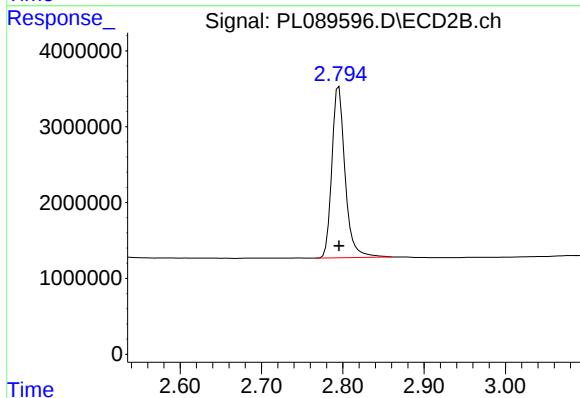




#1 Tetrachloro-m-xylene

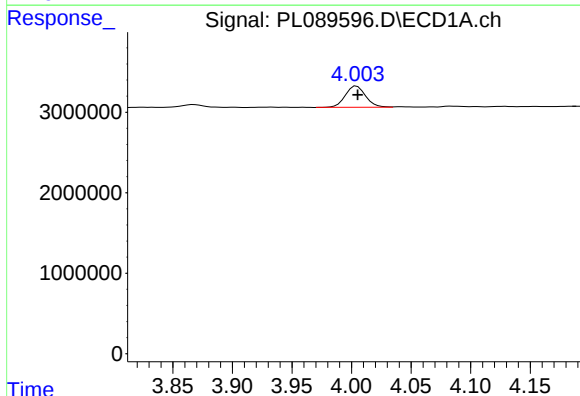
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 39588222
Conc: 20.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



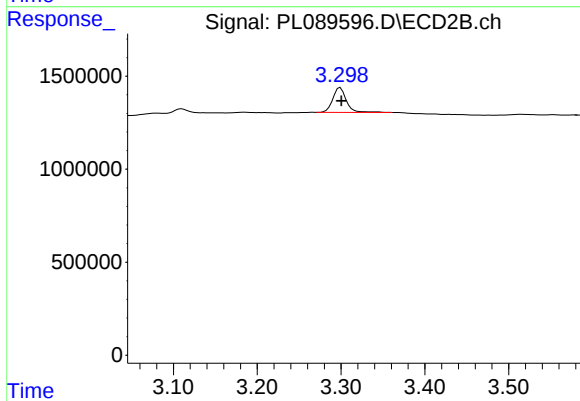
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 25557009
Conc: 19.92 ng/ml



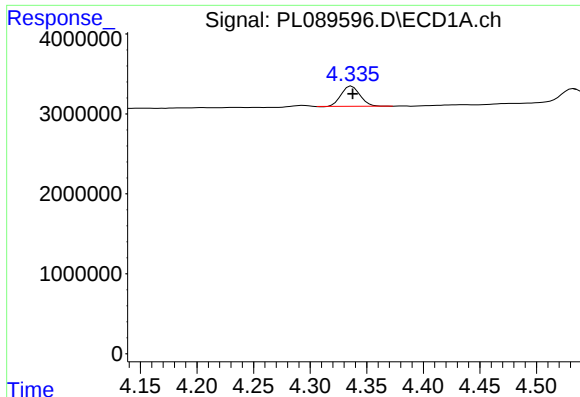
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 3138056
Conc: 1.12 ng/ml



#2 alpha-BHC

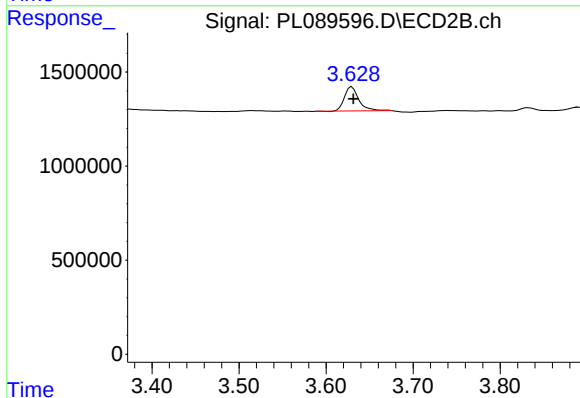
R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 1504833
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

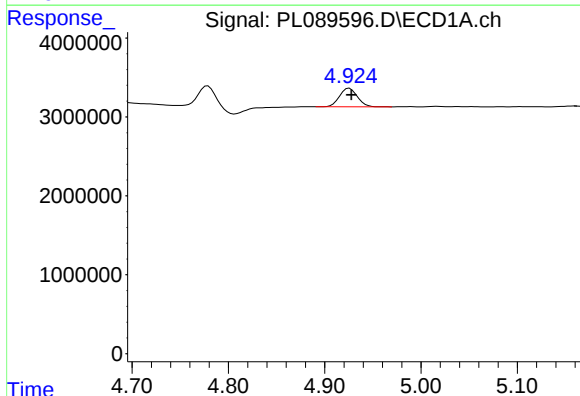
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2950304
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



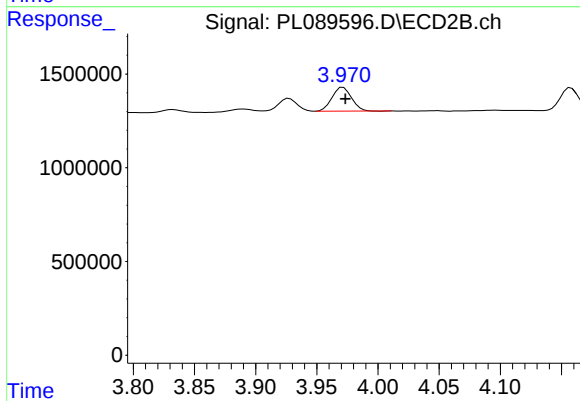
#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.002 min
Response: 1481647
Conc: 0.87 ng/ml



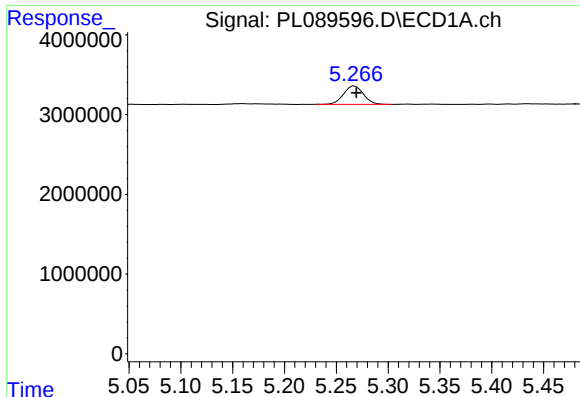
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 3035660
Conc: 1.28 ng/ml



#4 Heptachlor

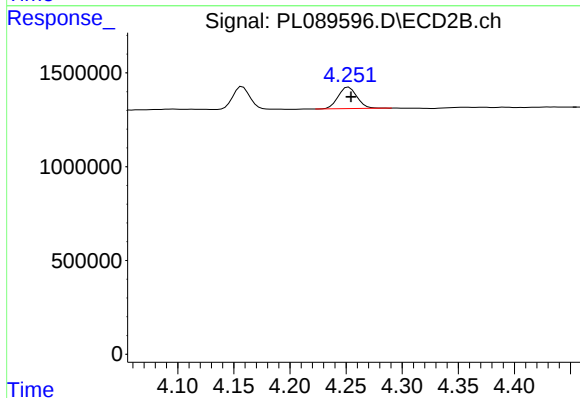
R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 1401003
Conc: 0.83 ng/ml



#5 Aldrin

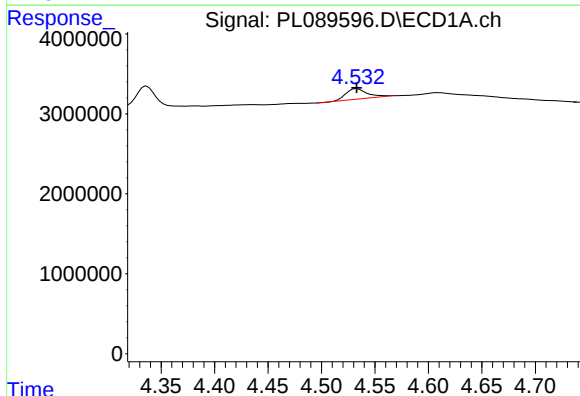
R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 3089210
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



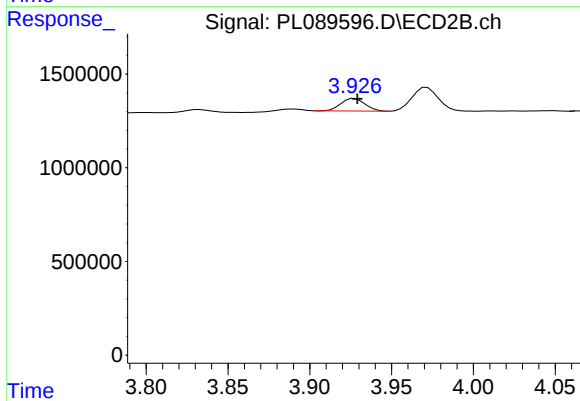
#5 Aldrin

R.T.: 4.252 min
Delta R.T.: -0.002 min
Response: 1346859
Conc: 0.84 ng/ml



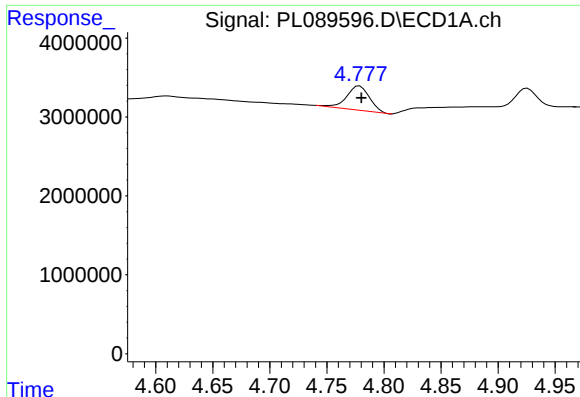
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 1758500
Conc: 1.37 ng/ml



#6 beta-BHC

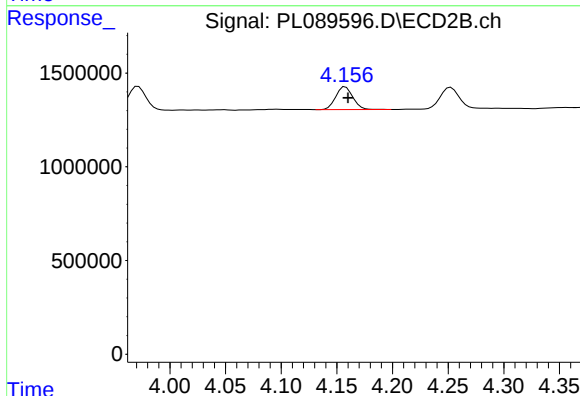
R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 679641
Conc: 0.79 ng/ml



#7 delta-BHC

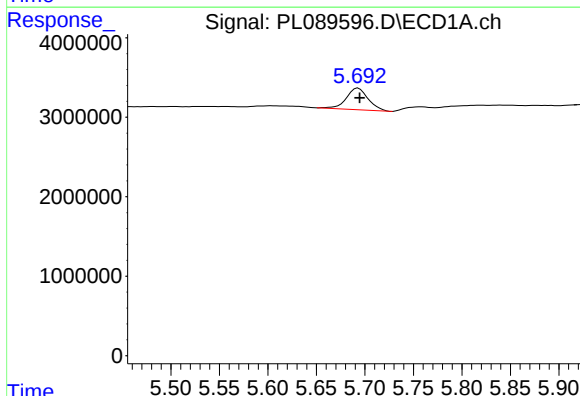
R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 4341454
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



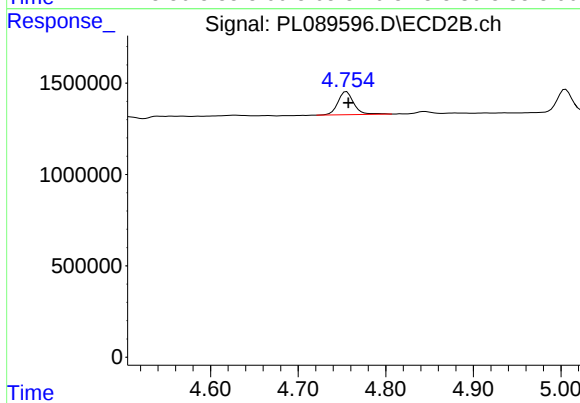
#7 delta-BHC

R.T.: 4.158 min
Delta R.T.: -0.002 min
Response: 1305136
Conc: 0.75 ng/ml



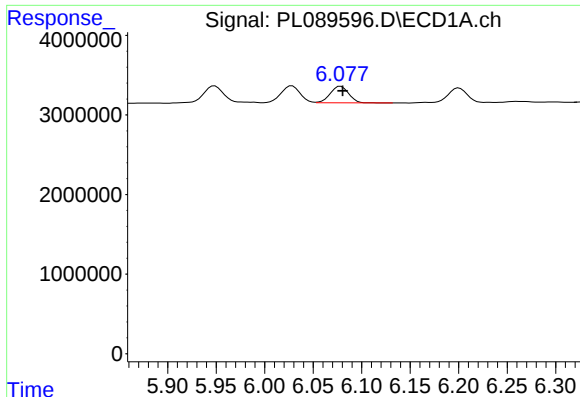
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 4257500
Conc: 1.84 ng/ml



#8 Heptachlor epoxide

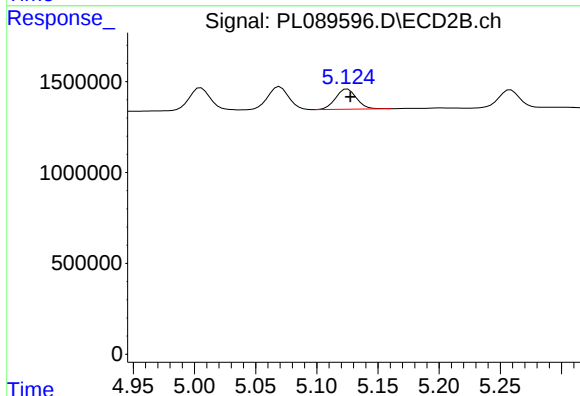
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 1585263
Conc: 0.99 ng/ml



#9 Endosulfan I

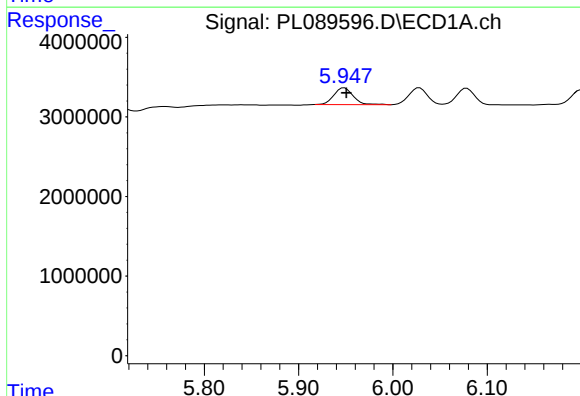
R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 2752793
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



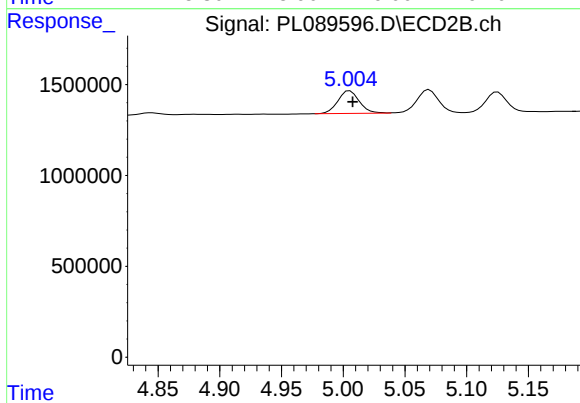
#9 Endosulfan I

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 1321374
Conc: 0.95 ng/ml



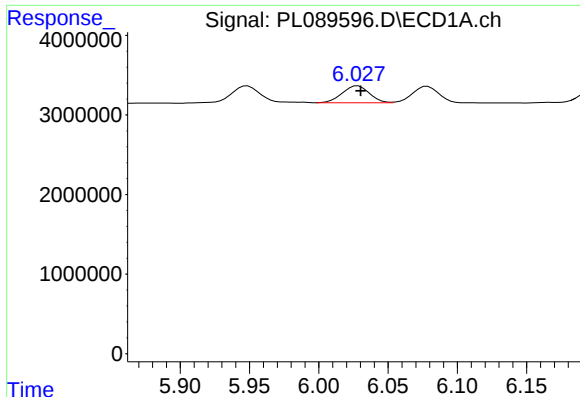
#10 trans-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 2986206
Conc: 1.38 ng/ml



#10 trans-Chlordane

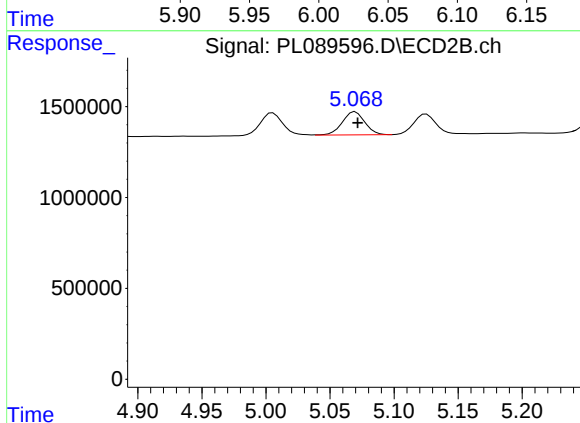
R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 1515793
Conc: 0.98 ng/ml



#11 cis-Chlordane

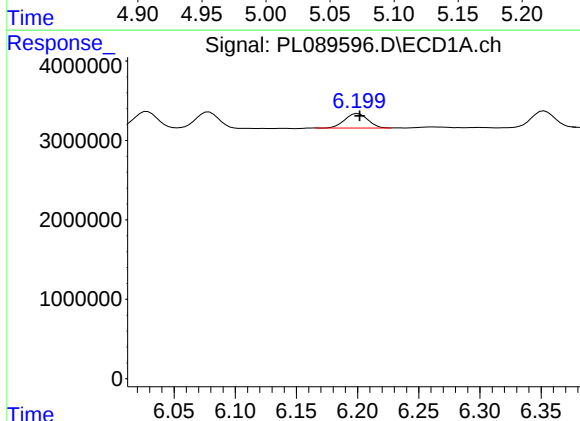
R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 2922328
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



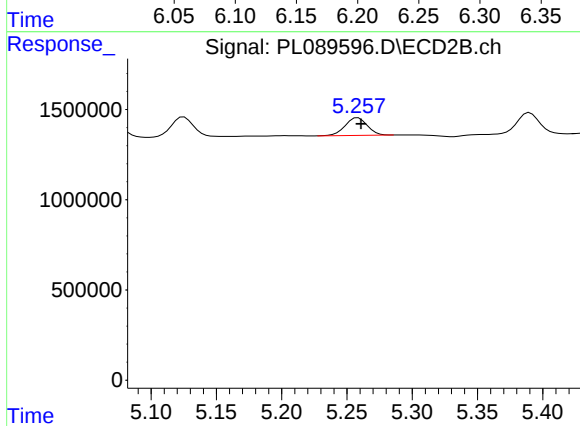
#11 cis-Chlordane

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 1558221
Conc: 0.98 ng/ml



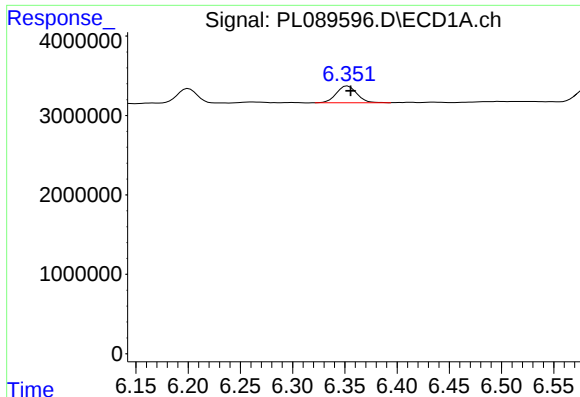
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 2394408
Conc: 1.31 ng/ml



#12 4,4'-DDE

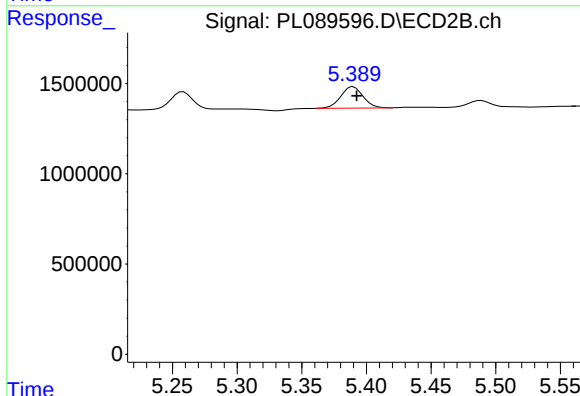
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 1161048
Conc: 0.83 ng/ml



#13 Dieldrin

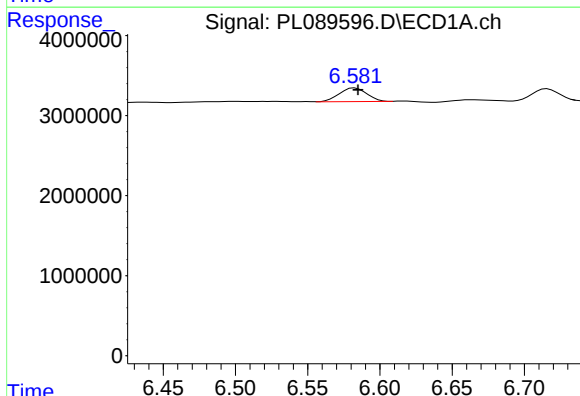
R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 2902365
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



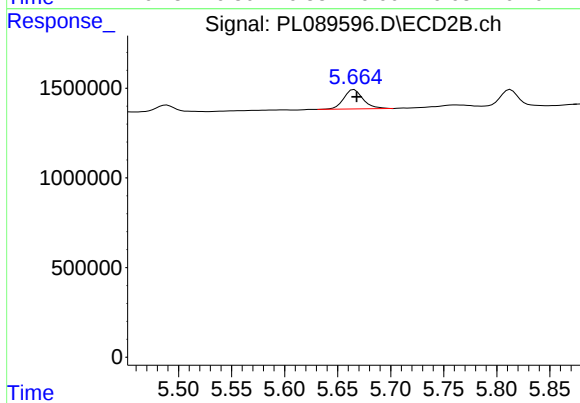
#13 Dieldrin

R.T.: 5.390 min
Delta R.T.: -0.002 min
Response: 1423977
Conc: 0.93 ng/ml



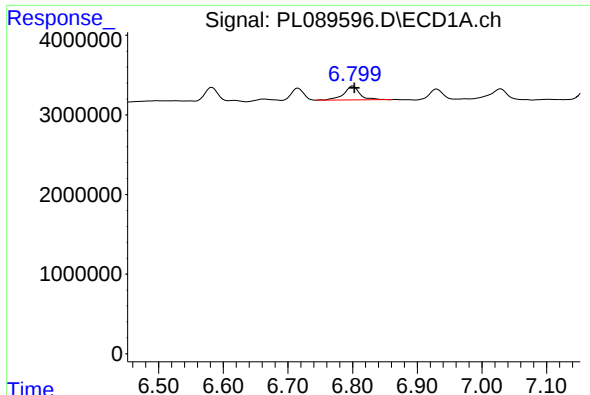
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 2263069
Conc: 1.33 ng/ml



#14 Endrin

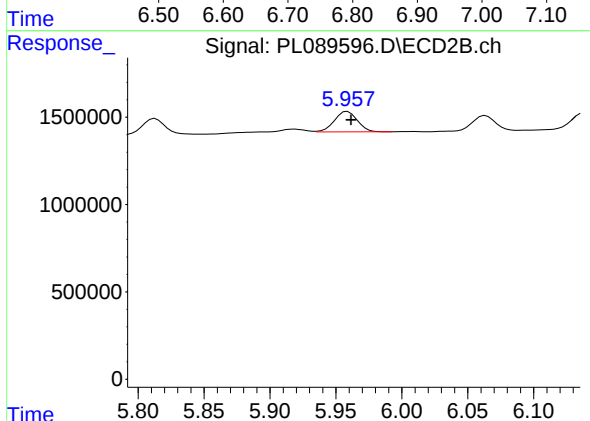
R.T.: 5.666 min
Delta R.T.: -0.002 min
Response: 1377731
Conc: 1.00 ng/ml



#15 Endosulfan II

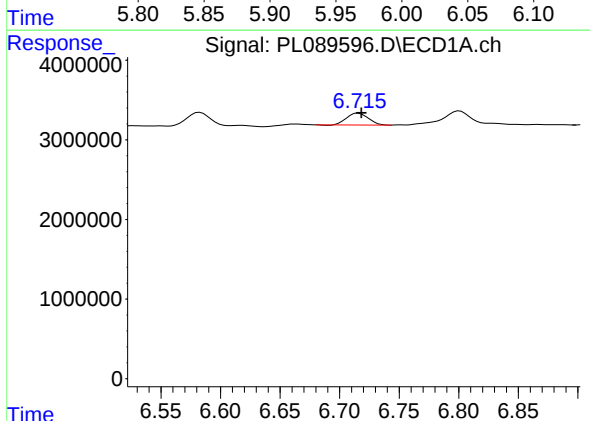
R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 2988178
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



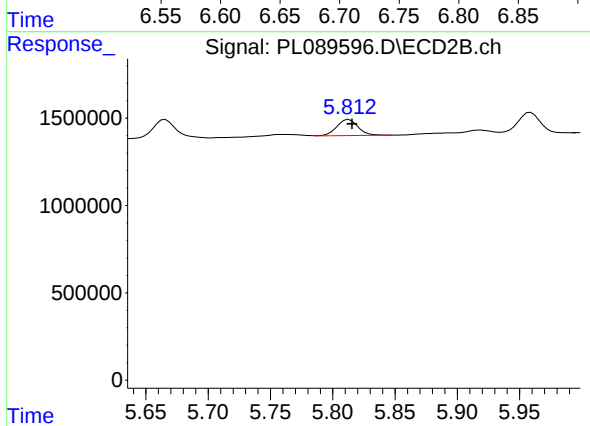
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 1423947
Conc: 1.05 ng/ml



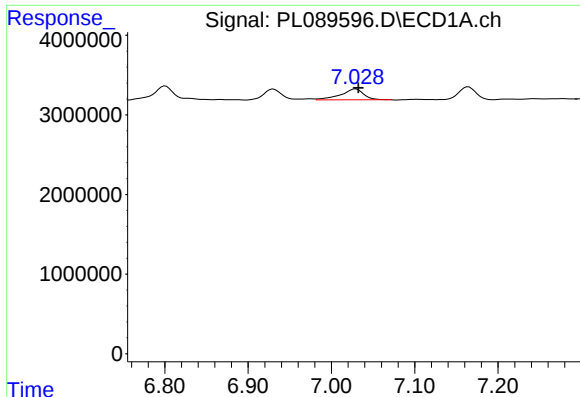
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 1870683
Conc: 1.27 ng/ml



#16 4,4'-DDD

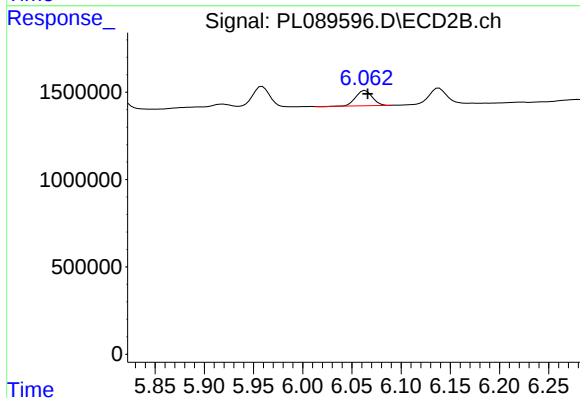
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 1090264
Conc: 0.95 ng/ml



#17 4,4'-DDT

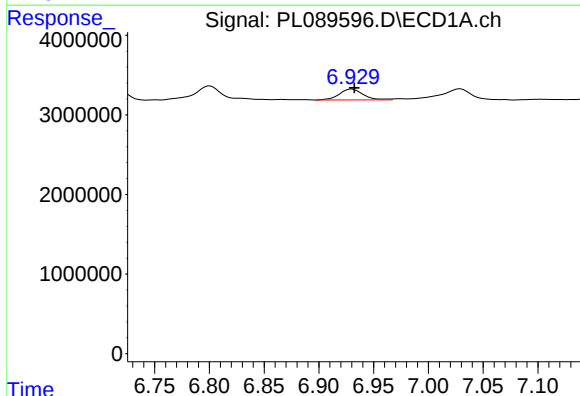
R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 2638286
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



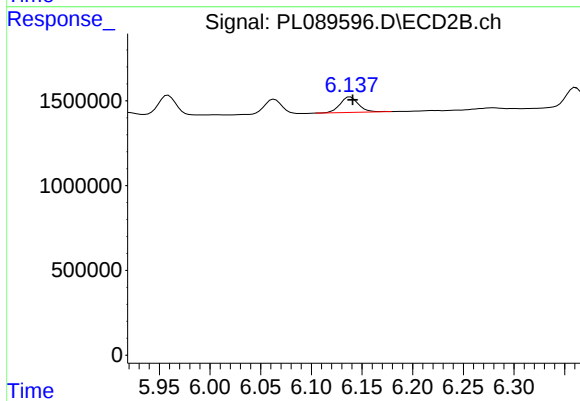
#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 1019350
Conc: 0.85 ng/ml



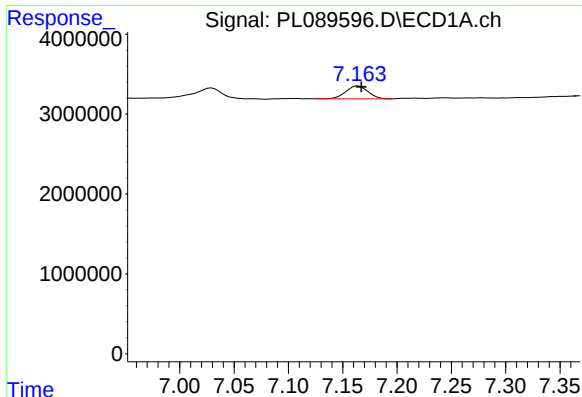
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 2087432
Conc: 1.53 ng/ml



#18 Endrin aldehyde

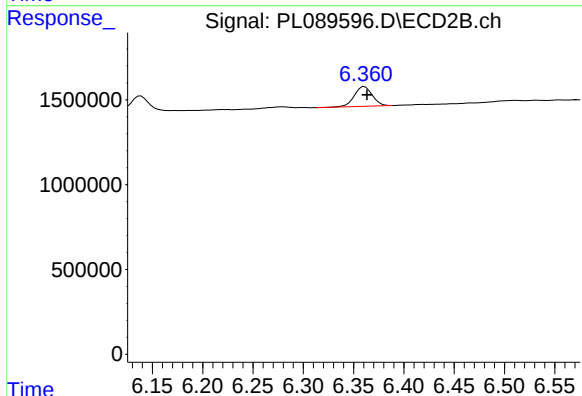
R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 1156939
Conc: 1.09 ng/ml



#19 Endosulfan Sulfate

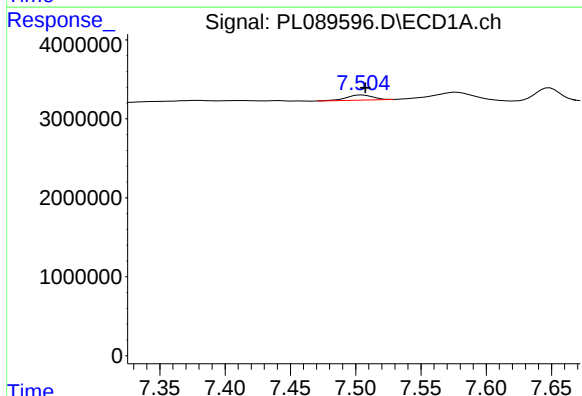
R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2293823
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



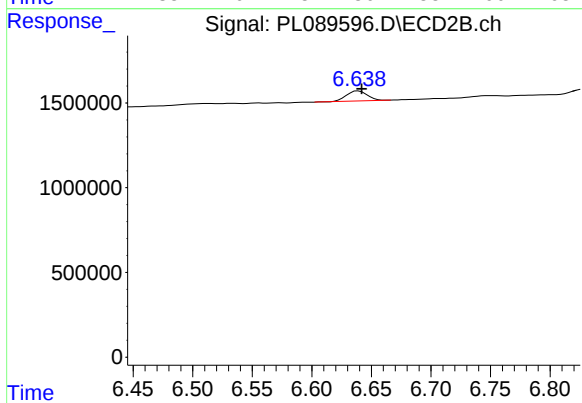
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 1451609
Conc: 1.10 ng/ml



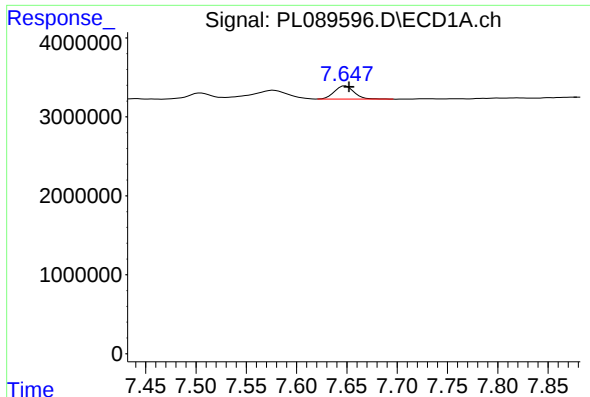
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 895366
Conc: 1.31 ng/ml



#20 Methoxychlor

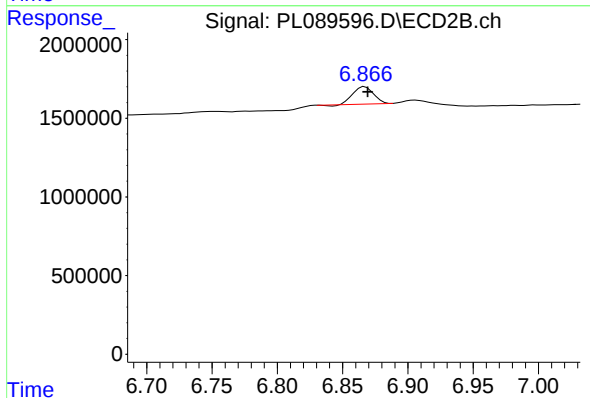
R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 722308
Conc: 1.07 ng/ml



#21 Endrin ketone

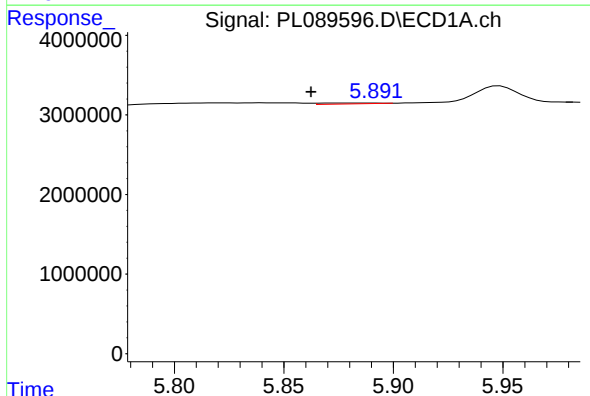
R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 2173850
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



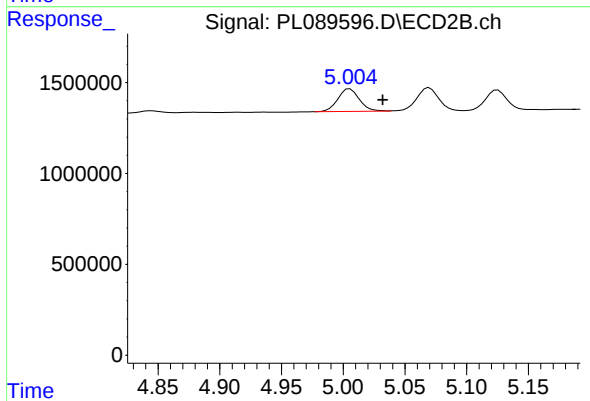
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: -0.002 min
Response: 1196435
Conc: 0.81 ng/ml



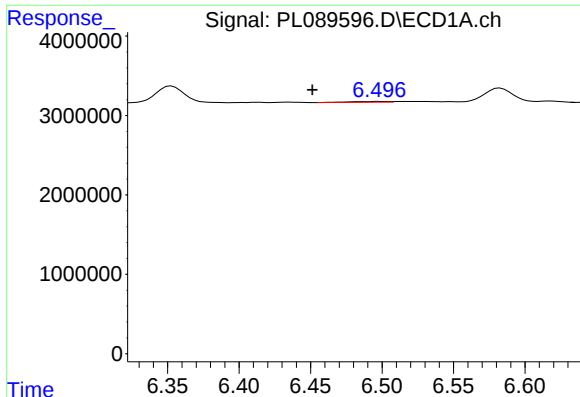
#22 Toxaphene-1

R.T.: 5.874 min
Delta R.T.: 0.012 min
Response: 199490
Conc: 26.92 ng/ml



#22 Toxaphene-1

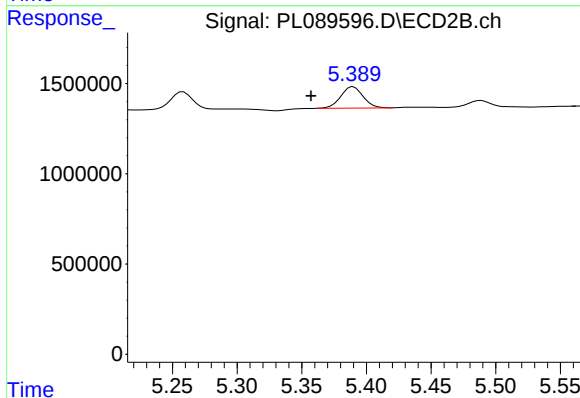
R.T.: 5.005 min
Delta R.T.: -0.027 min
Response: 1515793
Conc: 177.19 ng/ml



#23 Toxaphene-2

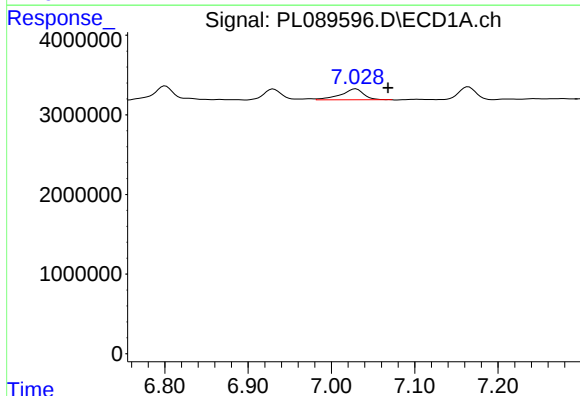
R.T.: 6.498 min
Delta R.T.: 0.046 min
Response: 210101
Conc: 10.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



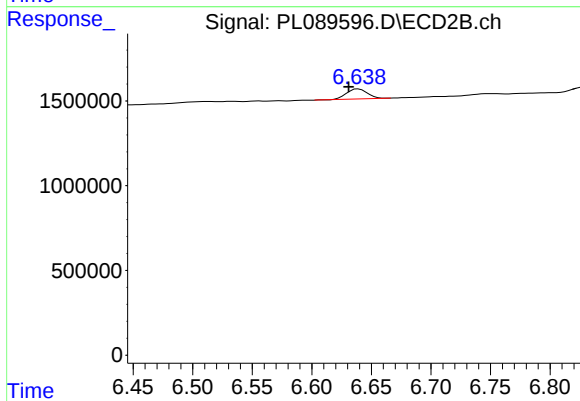
#23 Toxaphene-2

R.T.: 5.390 min
Delta R.T.: 0.033 min
Response: 1423977
Conc: 175.62 ng/ml



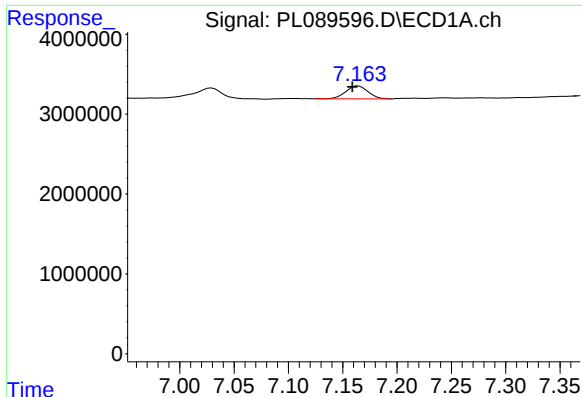
#24 Toxaphene-3

R.T.: 7.029 min
Delta R.T.: -0.039 min
Response: 2638286
Conc: 60.51 ng/ml



#24 Toxaphene-3

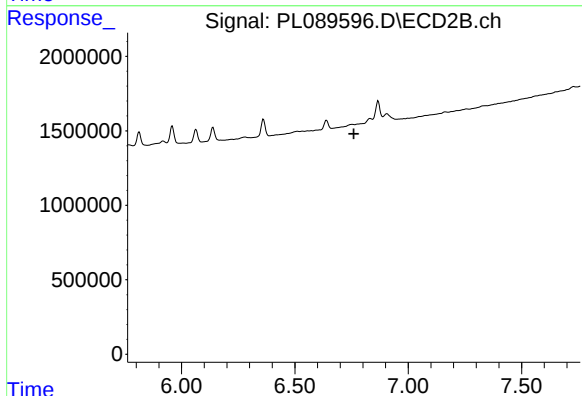
R.T.: 6.639 min
Delta R.T.: 0.008 min
Response: 722308
Conc: 25.46 ng/ml



#25 Toxaphene-4

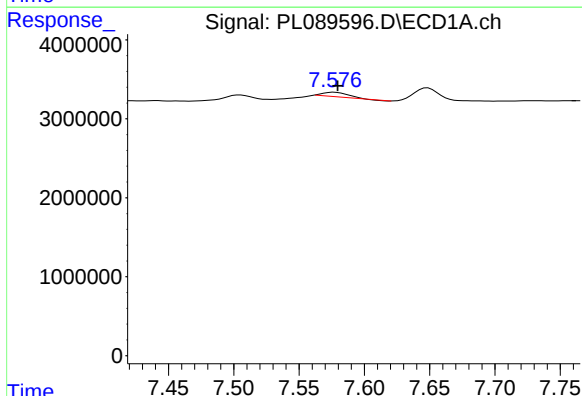
R.T.: 7.165 min
Delta R.T.: 0.006 min
Response: 2293823
Conc: 69.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



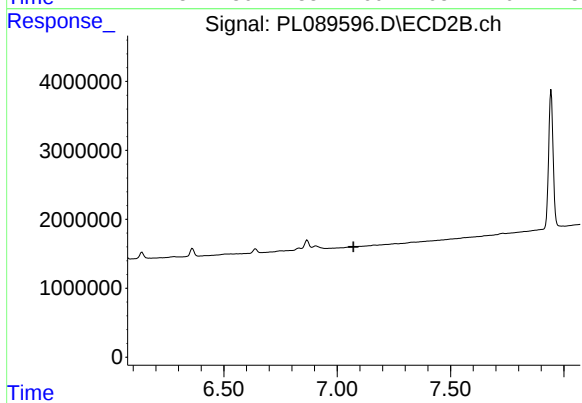
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 6.759 min
Response: 0
Conc: N.D.



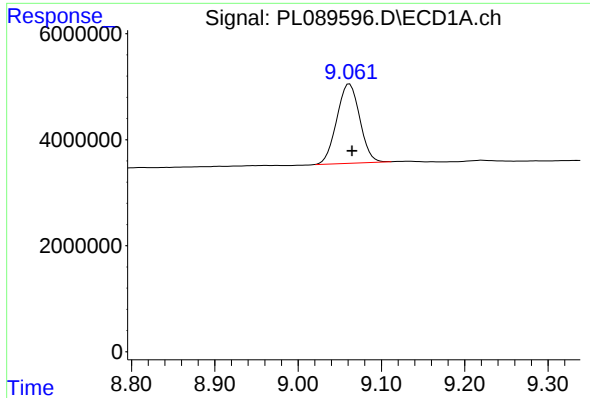
#26 Toxaphene-5

R.T.: 7.577 min
Delta R.T.: -0.003 min
Response: 748219
Conc: 31.96 ng/ml



#26 Toxaphene-5

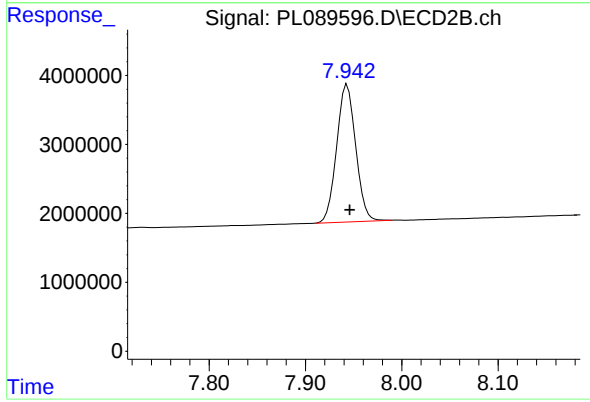
R.T.: 0.000 min
Exp R.T. : 7.072 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.003 min
Response: 28627811
Conc: 23.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2024-03



#27 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: -0.003 min
Response: 27424857
Conc: 22.86 ng/ml