

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030524\
 Data File : PD081947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2024 10:59
 Operator : AR\AJ
 Sample : P1601-01
 Misc : PEST MDL WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT1-2024-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 21:28:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 17:06:05 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

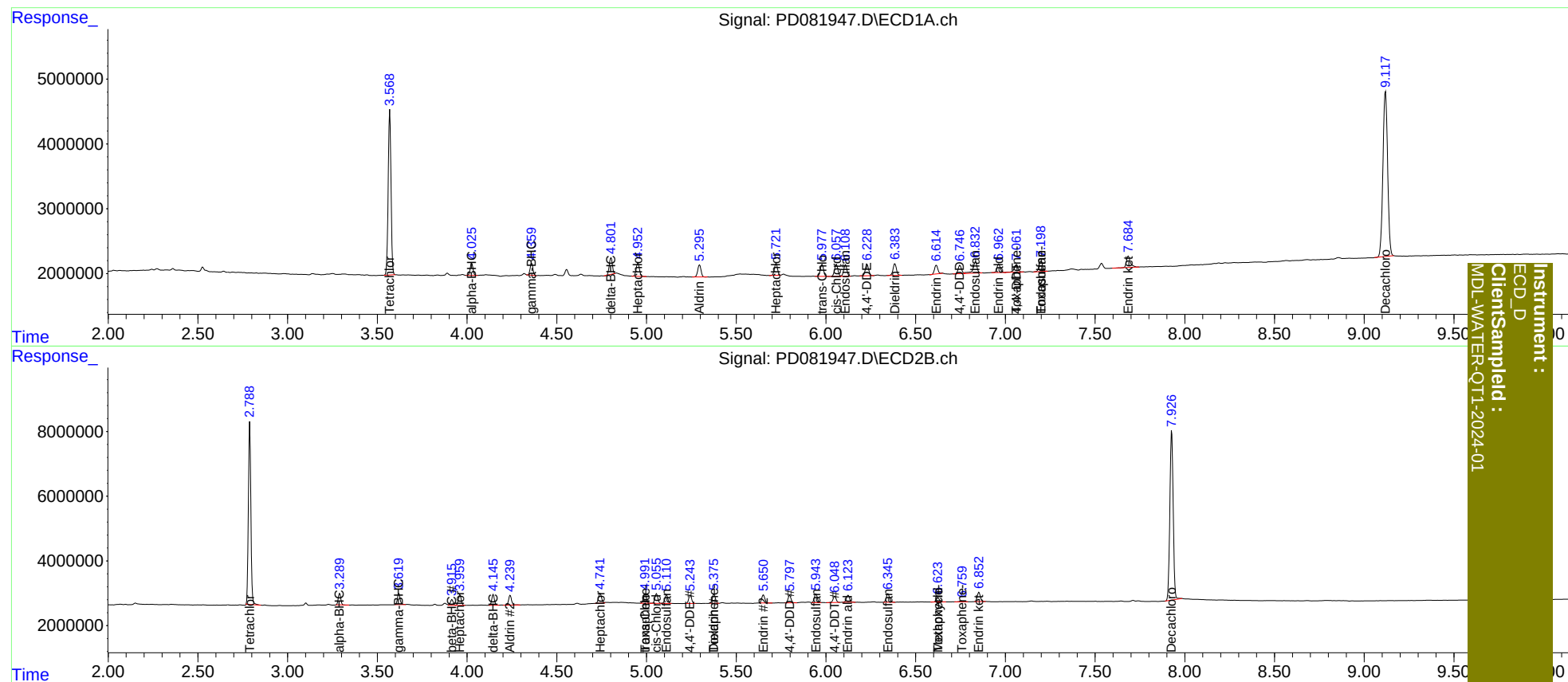
System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.789	27913996	53950352	20.418	22.007
27)	SA Decachlor...	9.119	7.927	46405984	67552371	24.053	27.231
Target Compounds							
2)	A alpha-BHC	4.026	3.290	2077662	3533687	0.890	0.919
3)	MA gamma-BHC...	4.360	3.620	1995330	3587860	0.864	0.991
4)	MA Heptachlor	4.953	3.961	2599904	3628011	1.060	1.023
5)	MB Aldrin	5.296	4.241	2370898	3459702	1.003	1.021
6)	B beta-BHC	0.000	3.916	0	1983635	N.D.	1.174
7)	B delta-BHC	4.803	4.146	2999318	3408615	1.266	0.910 #
8)	B Heptachlo...	5.723	4.742	2220367	3584916	0.980	1.117
9)	A Endosulfan I	6.109	5.112	2256027	3103295	1.071	1.036
10)	B trans-Chl...	5.979	4.992	2358358	3422751	1.077	1.097
11)	B cis-Chlor...	6.058	5.056	2433970	3453332	1.081	1.078
12)	B 4,4'-DDE	6.230	5.245	2265843	2960247	1.056	1.001
13)	MA Dieldrin	6.385	5.377	2396393	3291263	1.079	1.002
14)	MA Endrin	6.615	5.652	1723976	2918057	0.919	1.016
15)	B Endosulfa...	6.834	5.945	2756640	3172884	1.428	1.124
16)	A 4,4'-DDD	6.747	5.798	1678841	2741269	1.011	1.088
17)	MA 4,4'-DDT	7.062	6.049	1768729	2291288	1.018	0.887
18)	B Endrin al...	6.963	6.124	1708016	2714376	1.143	1.253
19)	B Endosulfa...	7.199	6.346	2170439	3278293	1.185	1.222
20)	A Methoxychlor	0.000	6.625	0	1631930	N.D.	1.221
21)	B Endrin ke...	7.686	6.853	2641232	3464484	1.366	1.155
22)	Toxaphene-1	0.000	4.992	0	3422751	N.D.	209.059
23)	Toxaphene-2	0.000	5.377	0	3291263	N.D.	193.112
24)	Toxaphene-3	7.062	6.625	1768729	1631930	33.445	27.881
25)	Toxaphene-4	7.199	6.760	2170439	351765	54.868	4.420 #

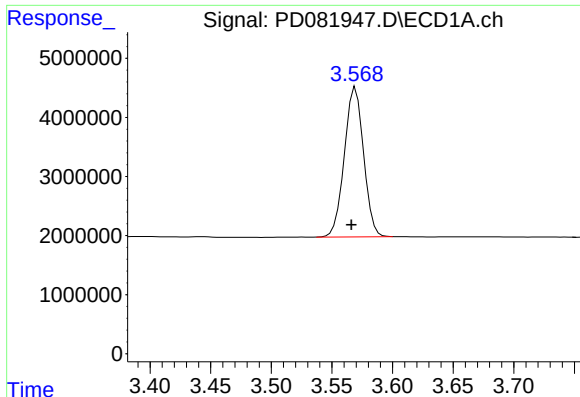
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030524\
Data File : PD081947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2024 10:59
Operator : AR\AJ
Sample : P1601-01
Misc : PEST MDL WATER
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Mar 05 21:28:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

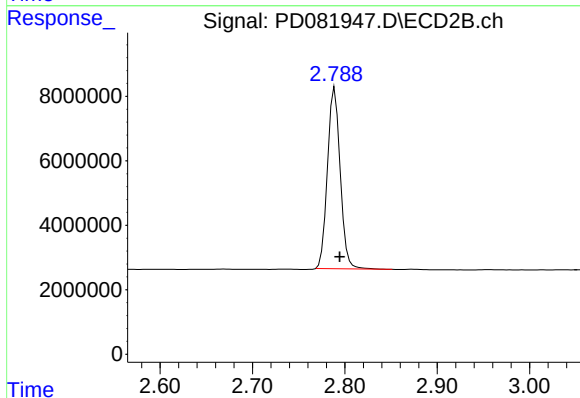




#1 Tetrachloro-m-xylene

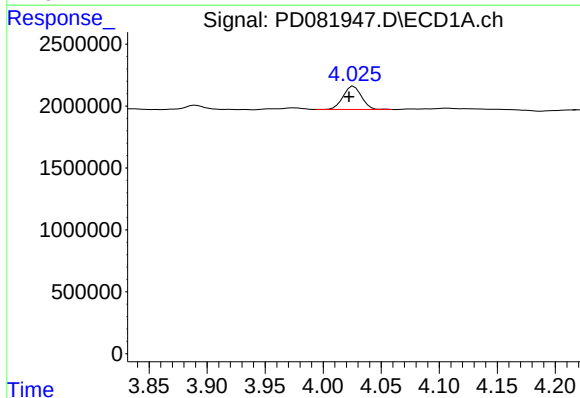
R.T.: 3.570 min
Delta R.T.: 0.004 min
Response: 27913996
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



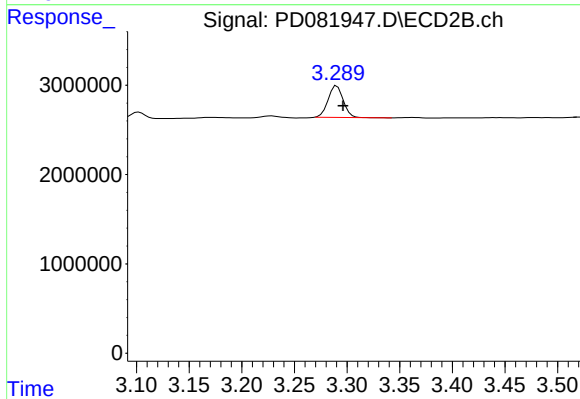
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: -0.005 min
Response: 53950352
Conc: 22.01 ng/ml



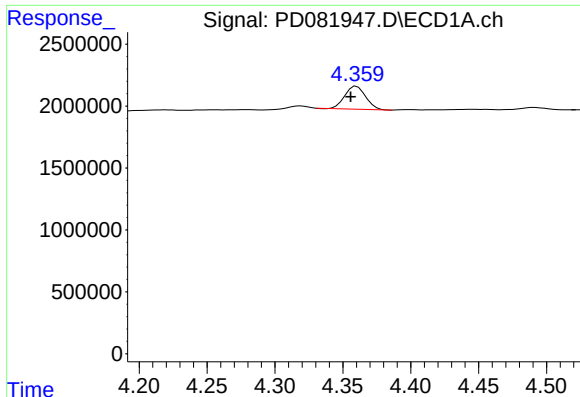
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.004 min
Response: 2077662
Conc: 0.89 ng/ml



#2 alpha-BHC

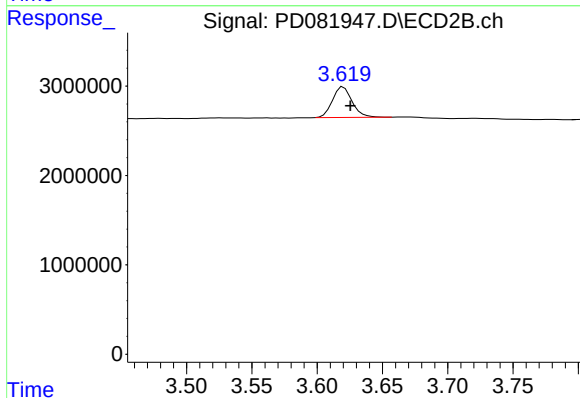
R.T.: 3.290 min
Delta R.T.: -0.006 min
Response: 3533687
Conc: 0.92 ng/ml



#3 gamma-BHC (Lindane)

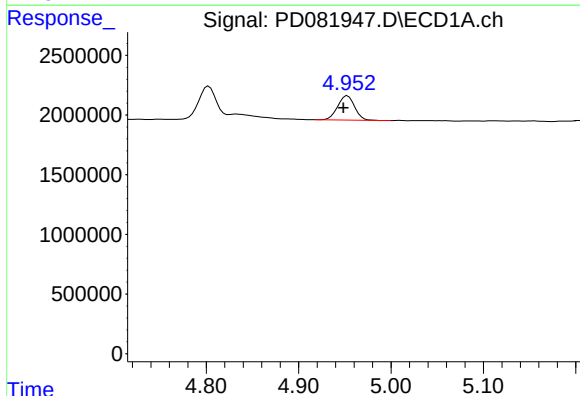
R.T.: 4.360 min
Delta R.T.: 0.004 min
Response: 1995330
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



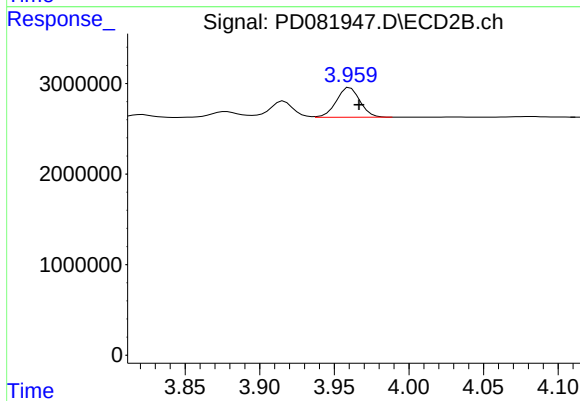
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.005 min
Response: 3587860
Conc: 0.99 ng/ml



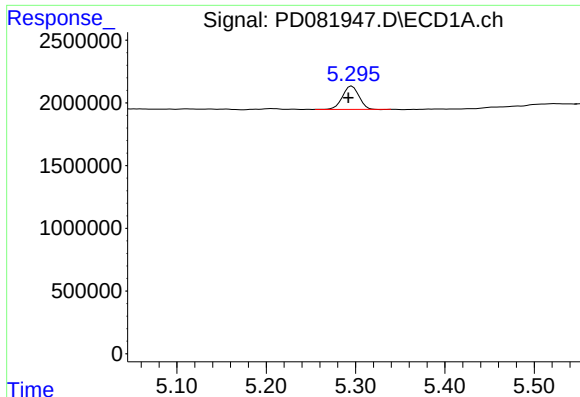
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.004 min
Response: 2599904
Conc: 1.06 ng/ml



#4 Heptachlor

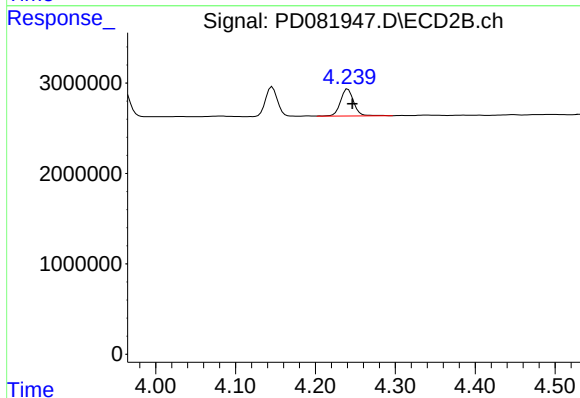
R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 3628011
Conc: 1.02 ng/ml



#5 Aldrin

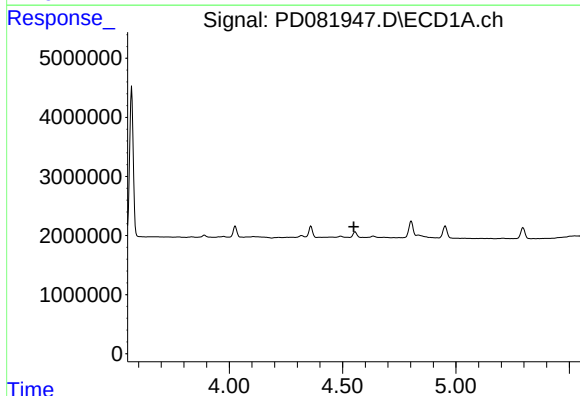
R.T.: 5.296 min
Delta R.T.: 0.004 min
Response: 2370898
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



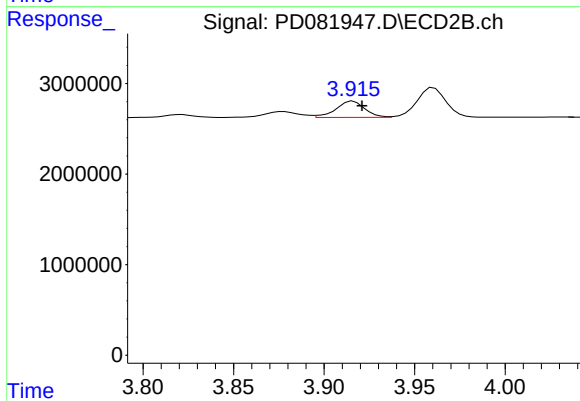
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.006 min
Response: 3459702
Conc: 1.02 ng/ml



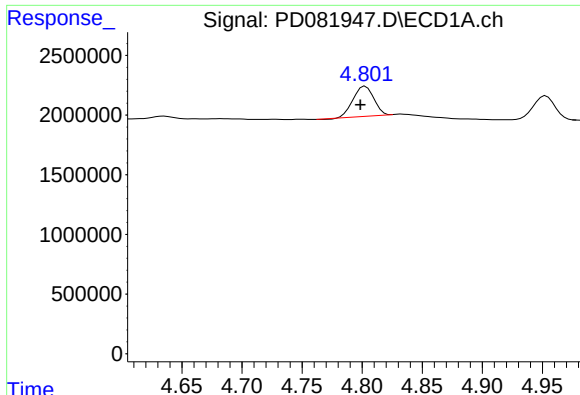
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#6 beta-BHC

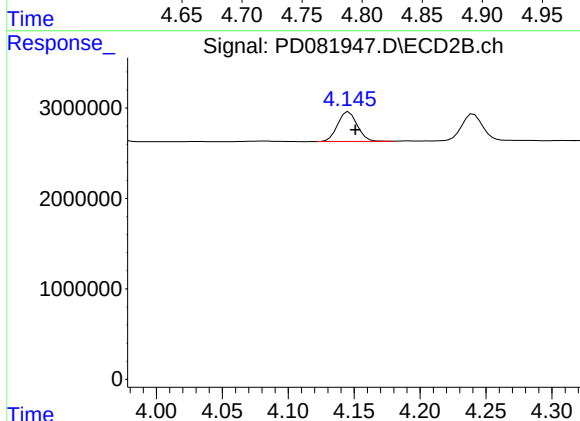
R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 1983635
Conc: 1.17 ng/ml



#7 delta-BHC

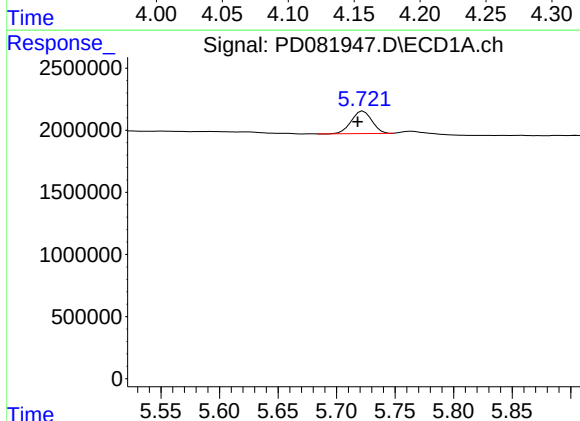
R.T.: 4.803 min
Delta R.T.: 0.004 min
Response: 2999318
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



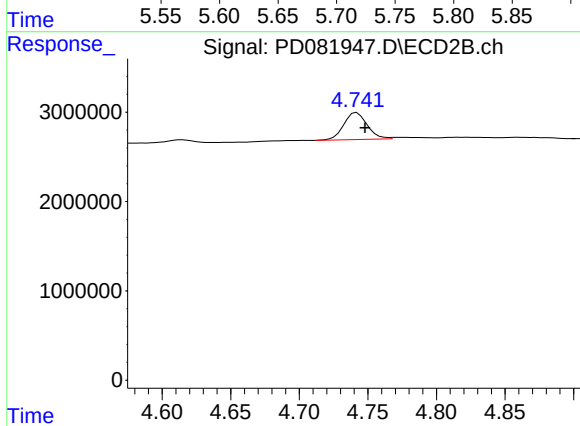
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.005 min
Response: 3408615
Conc: 0.91 ng/ml



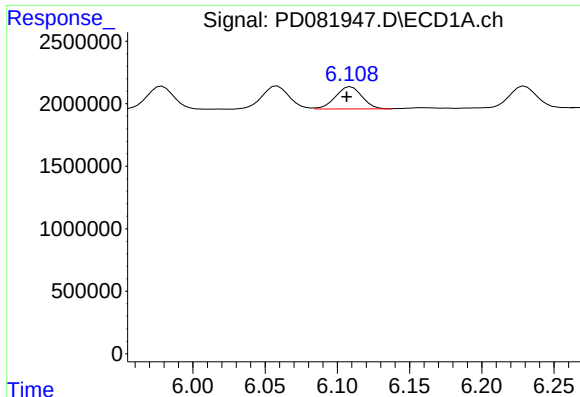
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 2220367
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

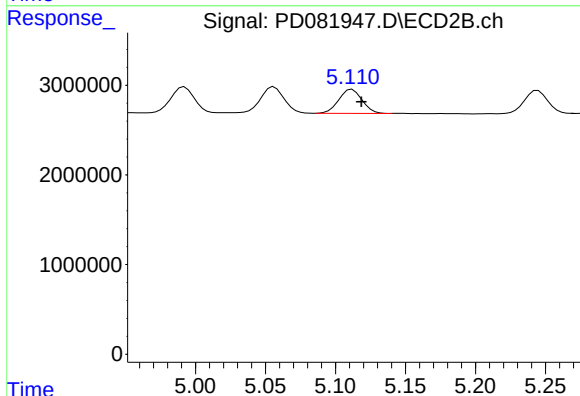
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 3584916
Conc: 1.12 ng/ml



#9 Endosulfan I

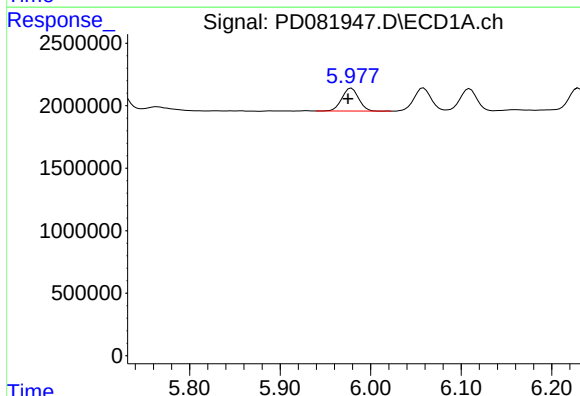
R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 2256027
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



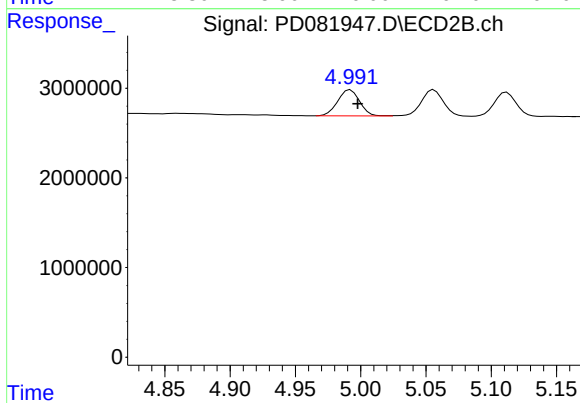
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.007 min
Response: 3103295
Conc: 1.04 ng/ml



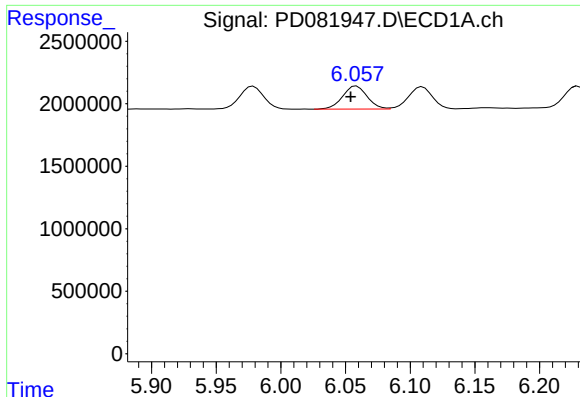
#10 trans-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.004 min
Response: 2358358
Conc: 1.08 ng/ml



#10 trans-Chlordane

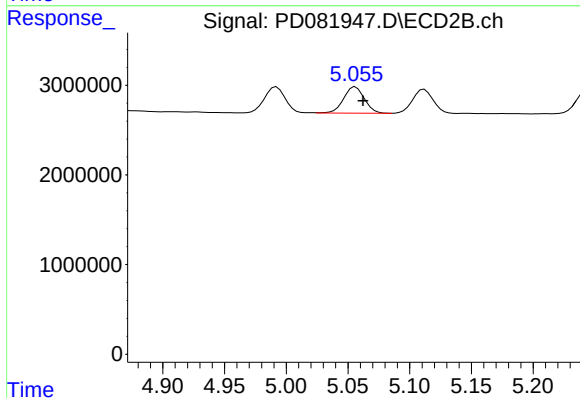
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 3422751
Conc: 1.10 ng/ml



#11 cis-Chlordane

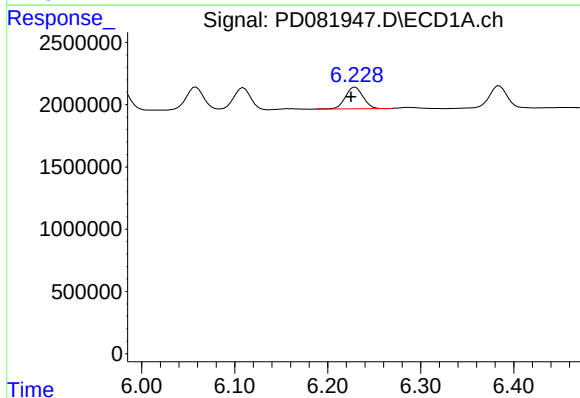
R.T.: 6.058 min
Delta R.T.: 0.004 min
Response: 2433970
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



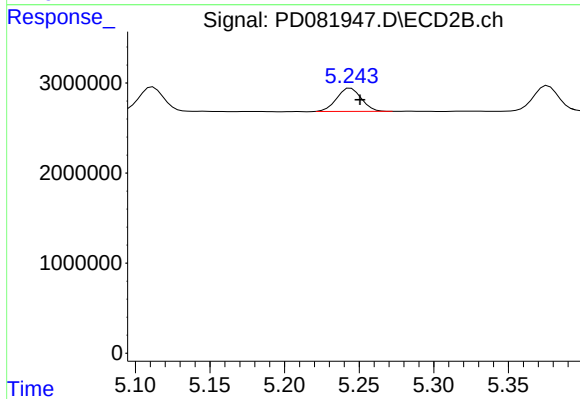
#11 cis-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 3453332
Conc: 1.08 ng/ml



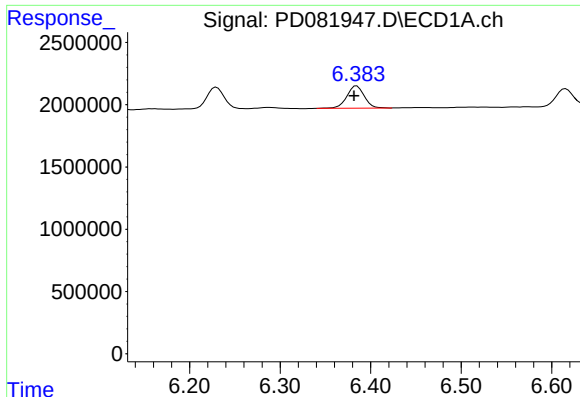
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.004 min
Response: 2265843
Conc: 1.06 ng/ml



#12 4,4'-DDE

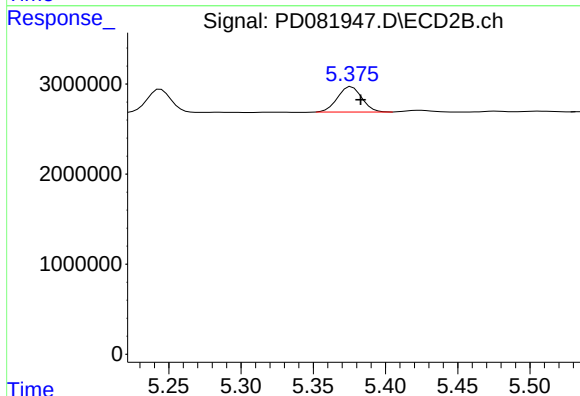
R.T.: 5.245 min
Delta R.T.: -0.006 min
Response: 2960247
Conc: 1.00 ng/ml



#13 Dieldrin

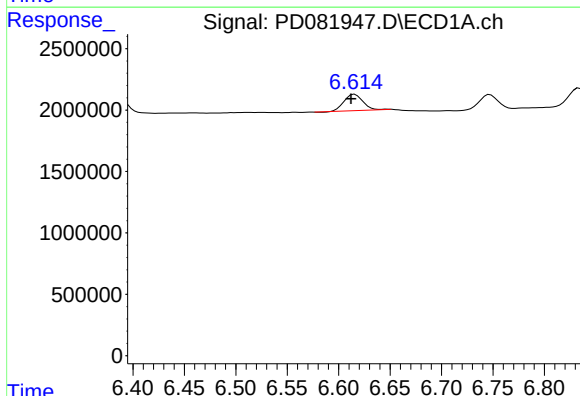
R.T.: 6.385 min
Delta R.T.: 0.003 min
Response: 2396393
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



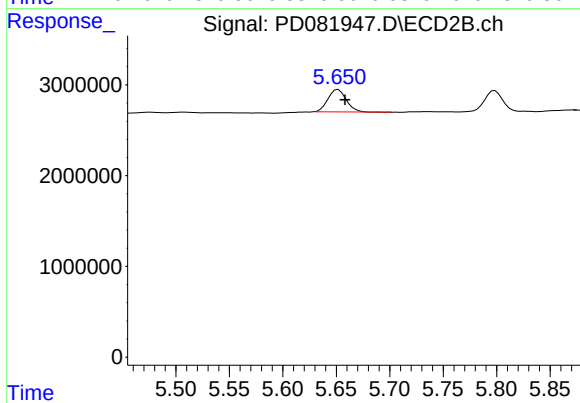
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.006 min
Response: 3291263
Conc: 1.00 ng/ml



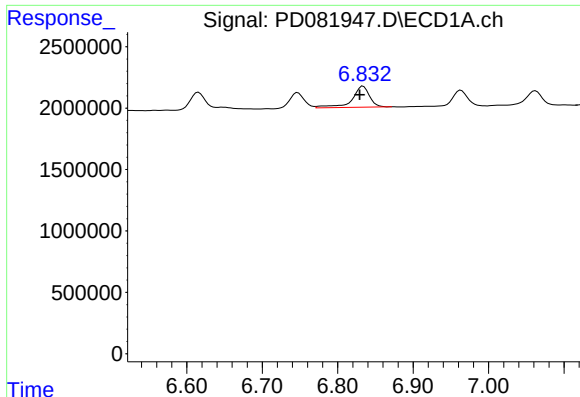
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 1723976
Conc: 0.92 ng/ml



#14 Endrin

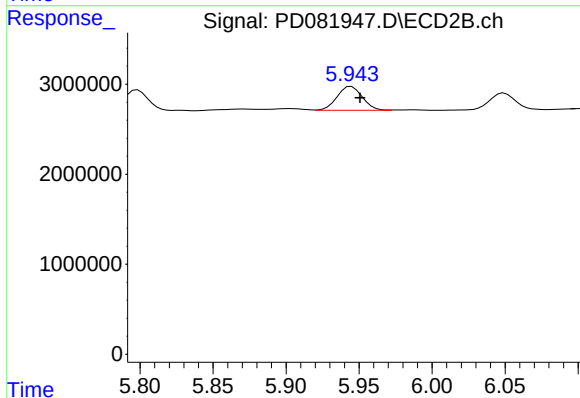
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 2918057
Conc: 1.02 ng/ml



#15 Endosulfan II

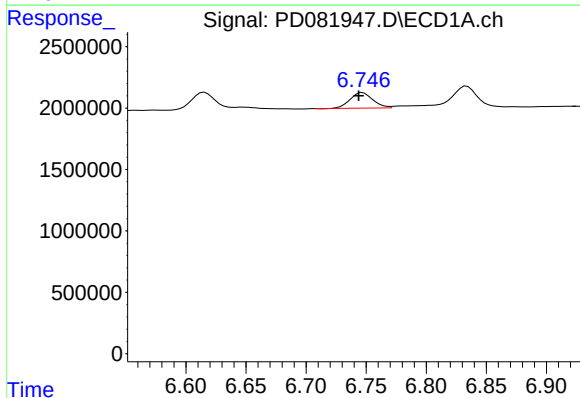
R.T.: 6.834 min
Delta R.T.: 0.004 min
Response: 2756640
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



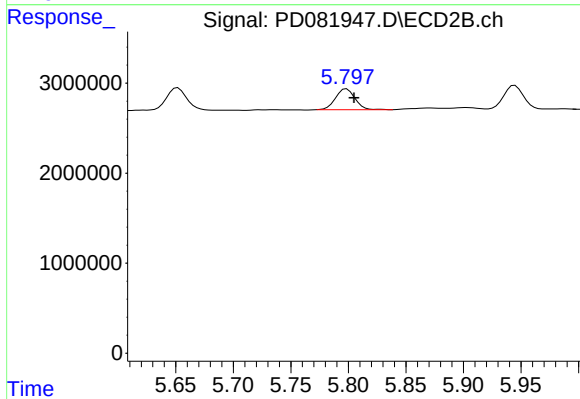
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3172884
Conc: 1.12 ng/ml



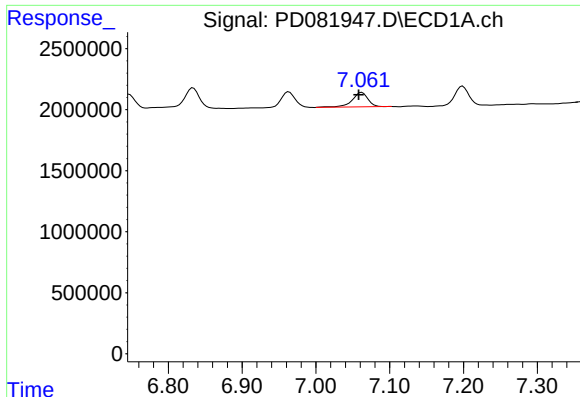
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.003 min
Response: 1678841
Conc: 1.01 ng/ml



#16 4,4'-DDD

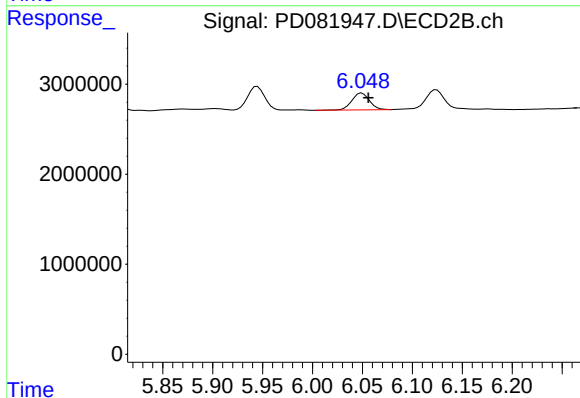
R.T.: 5.798 min
Delta R.T.: -0.006 min
Response: 2741269
Conc: 1.09 ng/ml



#17 4,4'-DDT

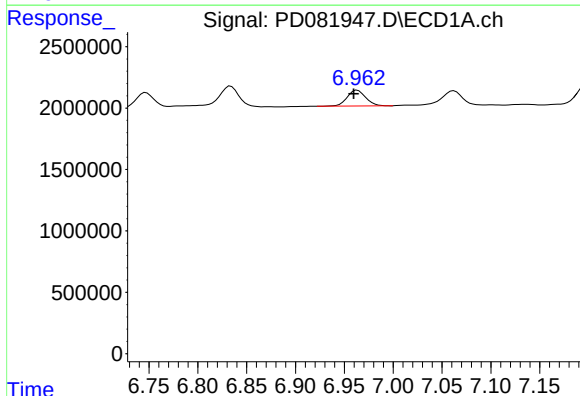
R.T.: 7.062 min
Delta R.T.: 0.004 min
Response: 1768729
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



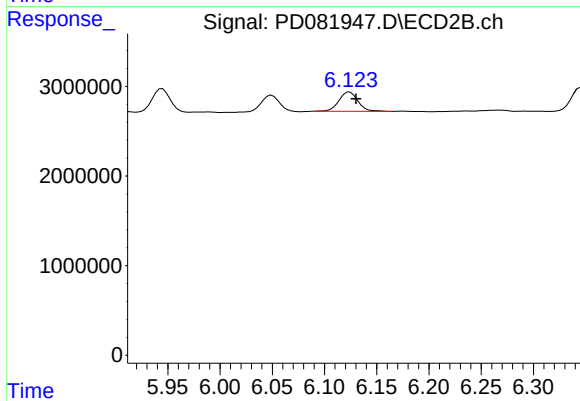
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.006 min
Response: 2291288
Conc: 0.89 ng/ml



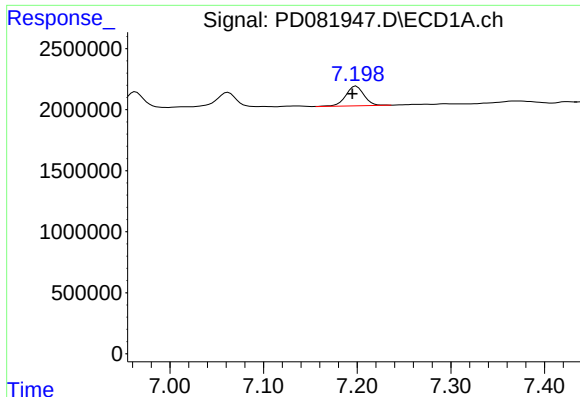
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.004 min
Response: 1708016
Conc: 1.14 ng/ml



#18 Endrin aldehyde

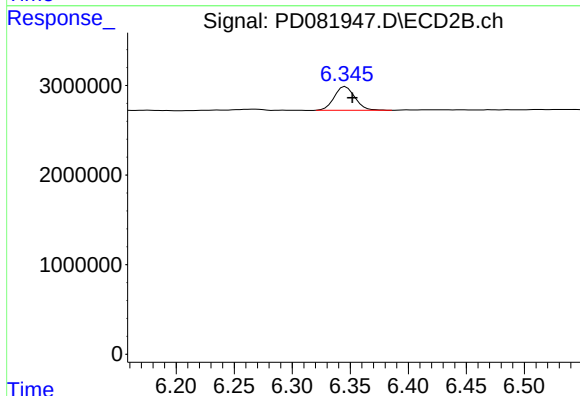
R.T.: 6.124 min
Delta R.T.: -0.006 min
Response: 2714376
Conc: 1.25 ng/ml



#19 Endosulfan Sulfate

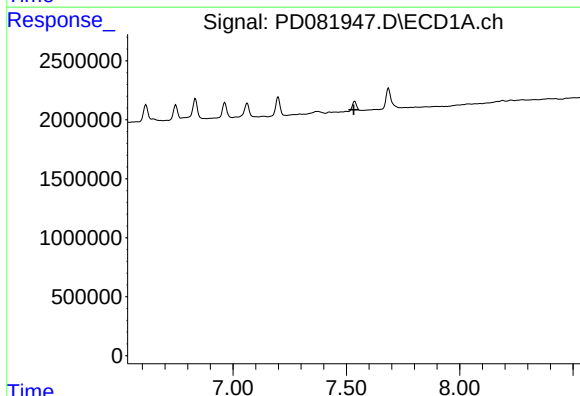
R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 2170439
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



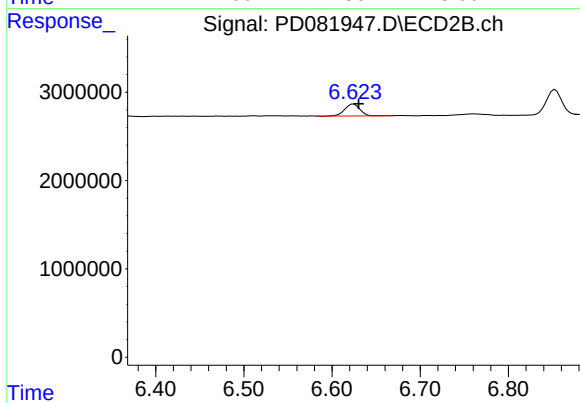
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 3278293
Conc: 1.22 ng/ml



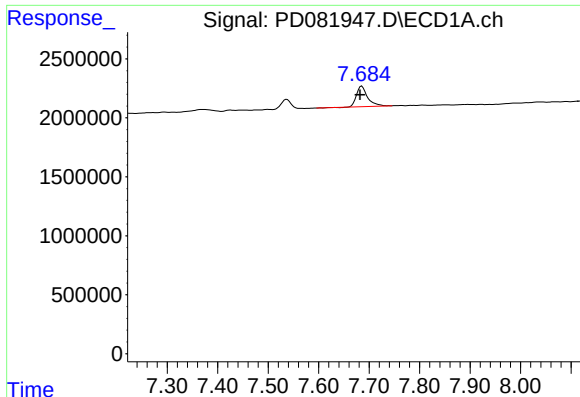
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.532 min
Response: 0
Conc: N.D.



#20 Methoxychlor

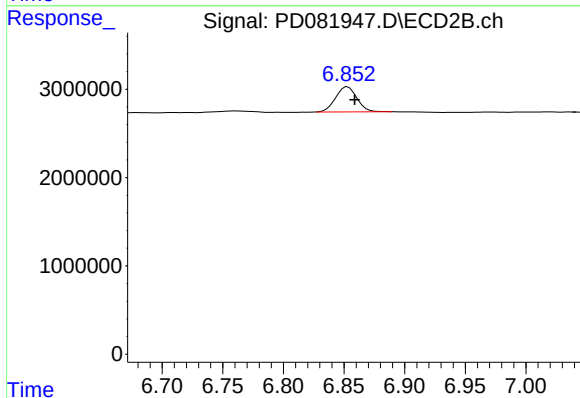
R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 1631930
Conc: 1.22 ng/ml



#21 Endrin ketone

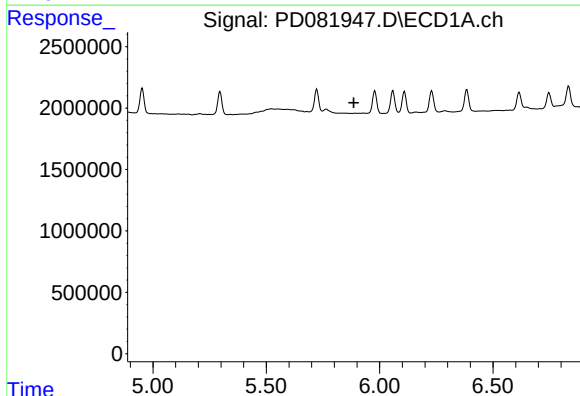
R.T.: 7.686 min
Delta R.T.: 0.004 min
Response: 2641232
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



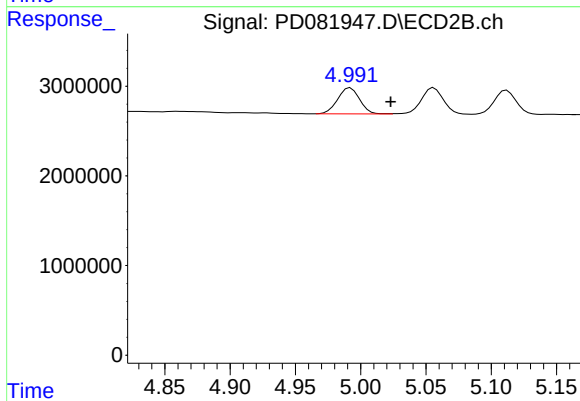
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.006 min
Response: 3464484
Conc: 1.16 ng/ml



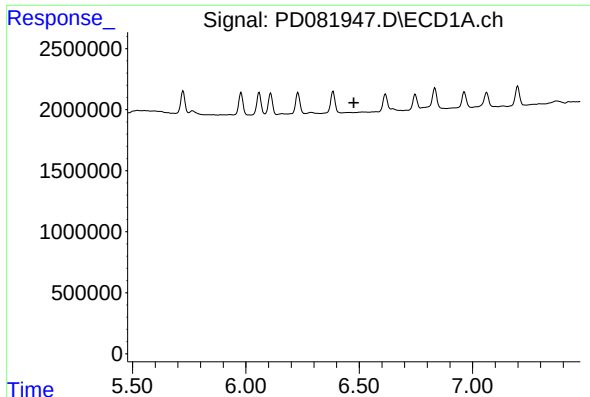
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

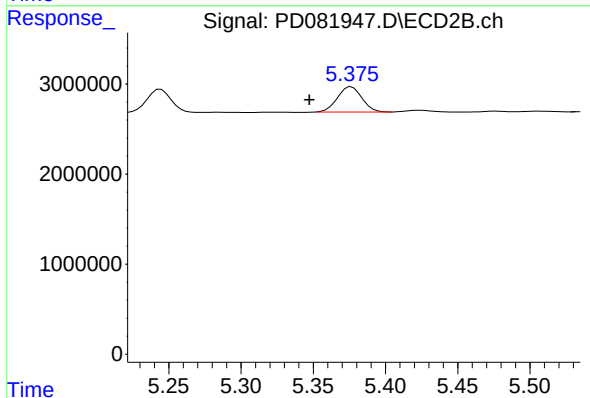
R.T.: 4.992 min
Delta R.T.: -0.031 min
Response: 3422751
Conc: 209.06 ng/ml



#23 Toxaphene-2

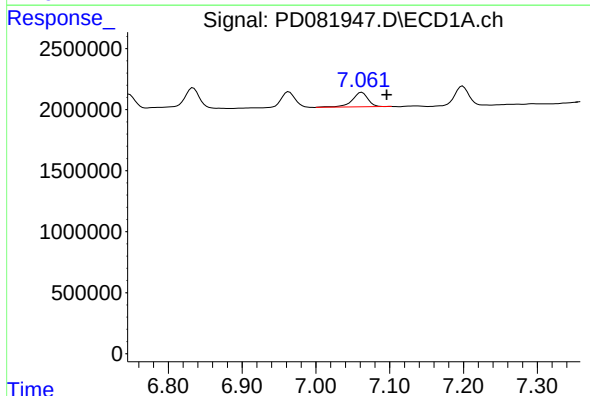
R.T.: 0.000 min
Exp R.T.: 6.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



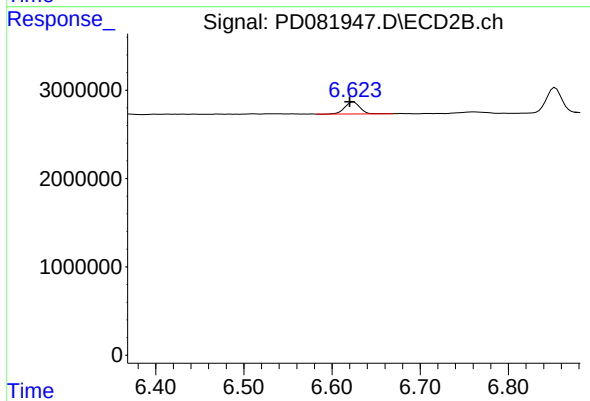
#23 Toxaphene-2

R.T.: 5.377 min
Delta R.T.: 0.029 min
Response: 3291263
Conc: 193.11 ng/ml



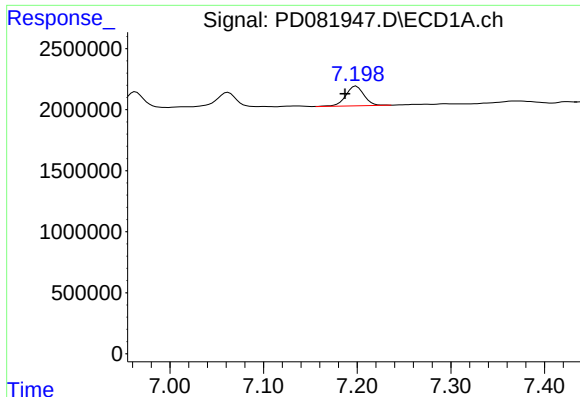
#24 Toxaphene-3

R.T.: 7.062 min
Delta R.T.: -0.034 min
Response: 1768729
Conc: 33.44 ng/ml



#24 Toxaphene-3

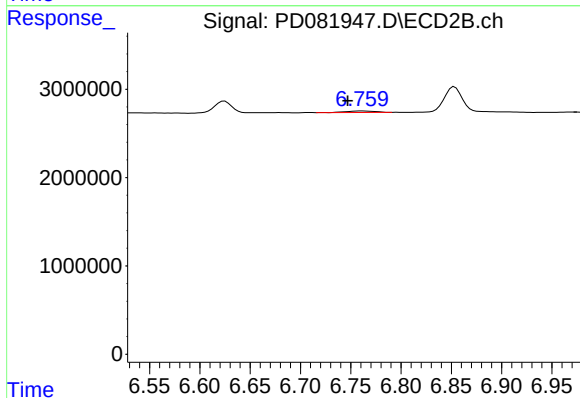
R.T.: 6.625 min
Delta R.T.: 0.004 min
Response: 1631930
Conc: 27.88 ng/ml



#25 Toxaphene-4

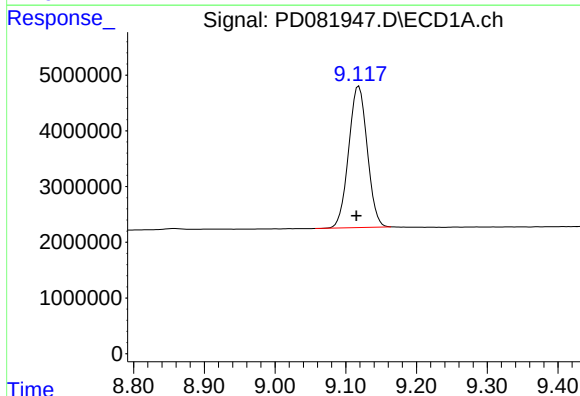
R.T.: 7.199 min
Delta R.T.: 0.012 min
Response: 2170439
Conc: 54.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-01



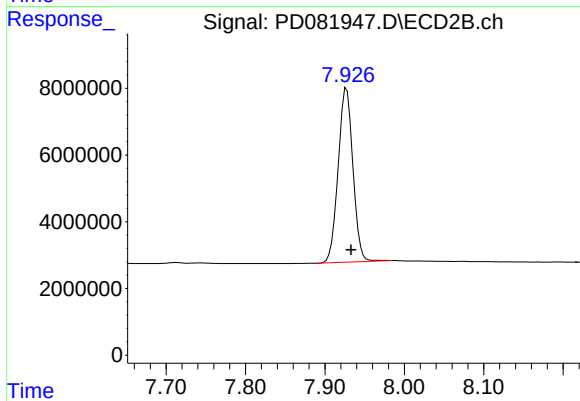
#25 Toxaphene-4

R.T.: 6.760 min
Delta R.T.: 0.014 min
Response: 351765
Conc: 4.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.004 min
Response: 46405984
Conc: 24.05 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.005 min
Response: 67552371
Conc: 27.23 ng/ml