

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030524\
 Data File : PD081950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2024 13:14
 Operator : AR\AJ
 Sample : P1601-02
 Misc : PEST MDL SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT1-2024-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 21:29:16 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

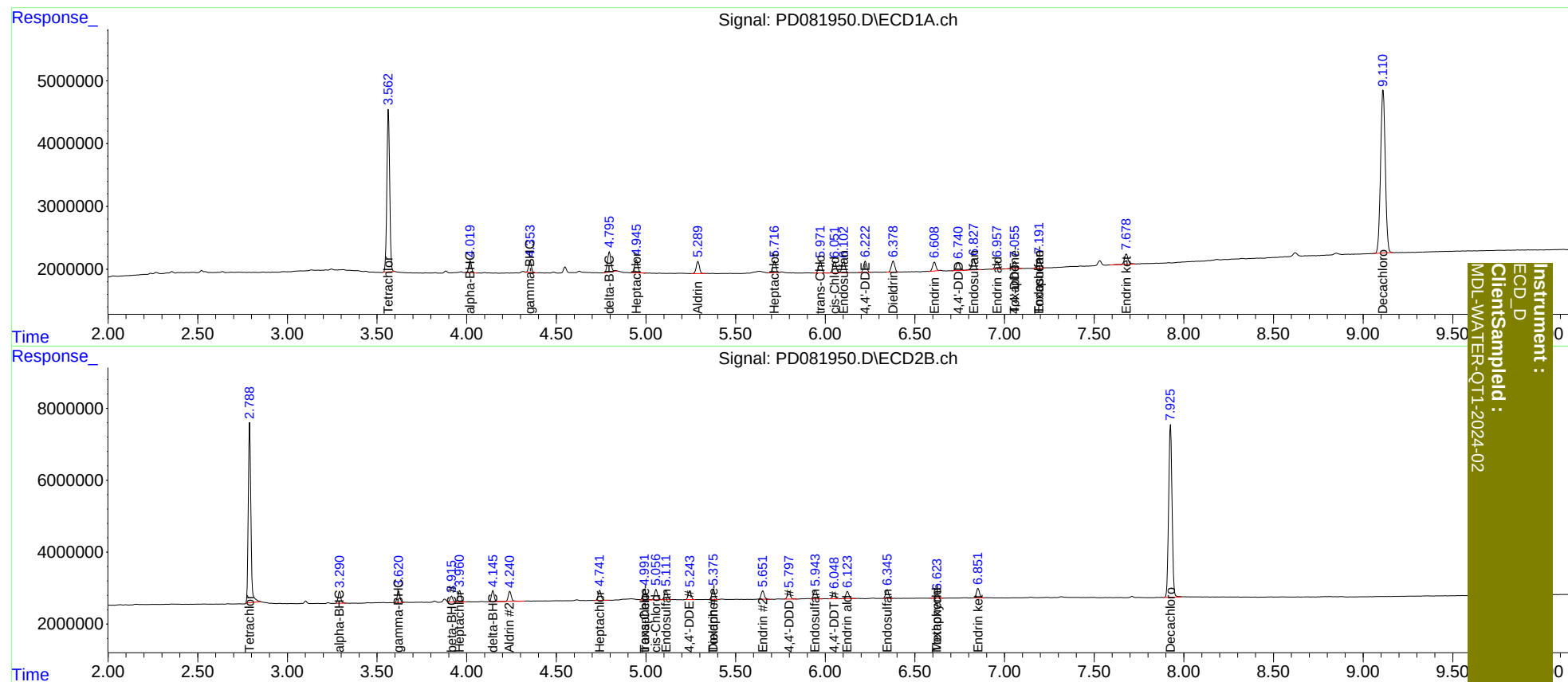
System Monitoring Compounds							
1)	SA Tetrachlo...	3.564	2.790	28216158	50040686	20.639	20.412
27)	SA Decachlor...	9.112	7.926	47269030	63226300	24.500	25.487
Target Compounds							
2)	A alpha-BHC	4.020	3.291	2028975	3361881	0.869	0.874
3)	MA gamma-BHC...	4.354	3.621	1943122	3390527	0.841	0.936
4)	MA Heptachlor	4.947	3.961	2590176	3520889	1.056	0.993
5)	MB Aldrin	5.291	4.241	2435412	3368904	1.030	0.995
6)	B beta-BHC	0.000	3.916	0	1841075	N.D.	1.090
7)	B delta-BHC	4.796	4.147	4260375	3308785	1.799	0.884 #
8)	B Heptachlo...	5.717	4.743	2225002	3283720	0.982	1.023
9)	A Endosulfan I	6.104	5.113	2232752	3040991	1.060	1.016
10)	B trans-Chl...	5.973	4.992	2376493	3460061	1.085	1.109
11)	B cis-Chlor...	6.053	5.057	2370748	3355217	1.053	1.047
12)	B 4,4'-DDE	6.224	5.245	2219020	2756323	1.034	0.932
13)	MA Dieldrin	6.379	5.377	2326623	3116641	1.048	0.949
14)	MA Endrin	6.609	5.652	1786001	2775490	0.952	0.966
15)	B Endosulfa...	6.829	5.945	2360901	3136751	1.223	1.111
16)	A 4,4'-DDD	6.742	5.799	1664979	2497715	1.002	0.991
17)	MA 4,4'-DDT	7.057	6.050	1564083	2023259	0.900	0.783
18)	B Endrin al...	6.958	6.124	1658481	2424283	1.110	1.119
19)	B Endosulfa...	7.193	6.346	2116241	2908184	1.156	1.084
20)	A Methoxychlor	0.000	6.624	0	1377853	N.D.	1.031
21)	B Endrin ke...	7.680	6.853	2233781	3104946	1.155	1.035
22)	Toxaphene-1	0.000	4.992	0	3460061	N.D.	211.338
23)	Toxaphene-2	0.000	5.377	0	3116641	N.D.	182.866
24)	Toxaphene-3	7.057f	6.624	1564083	1377853	29.575	23.540
25)	Toxaphene-4	7.193	0.000	2116241	0	53.498	N.D. #

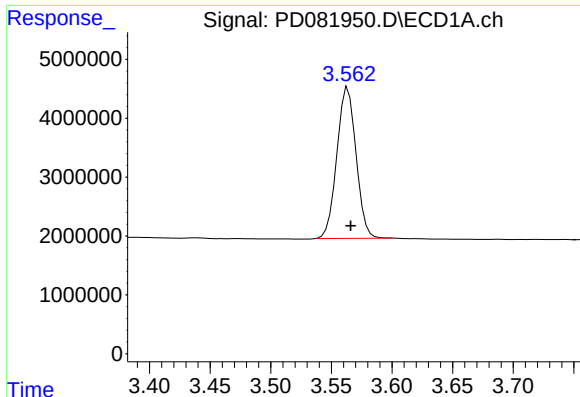
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030524\
Data File : PD081950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2024 13:14
Operator : AR\AJ
Sample : P1601-02
Misc : PEST MDL SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 21:29:16 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
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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

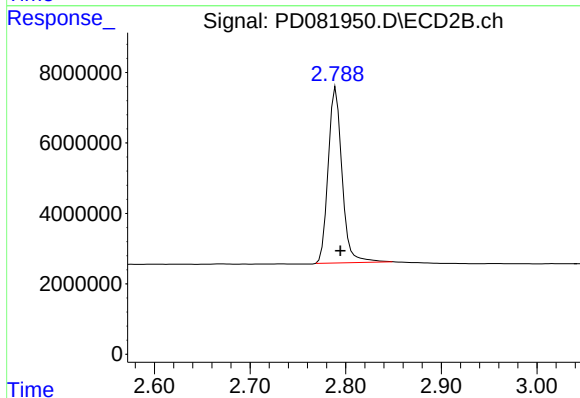




#1 Tetrachloro-m-xylene

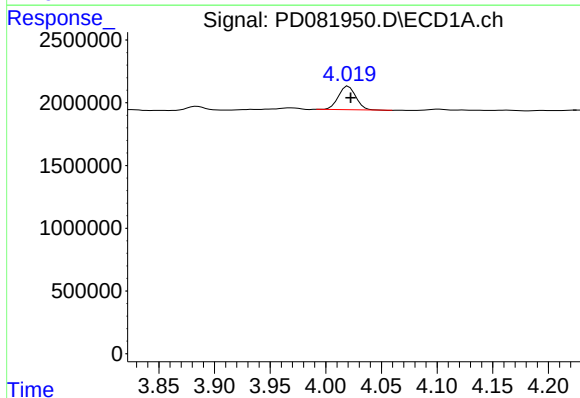
R.T.: 3.564 min
Delta R.T.: -0.002 min
Response: 28216158
Conc: 20.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



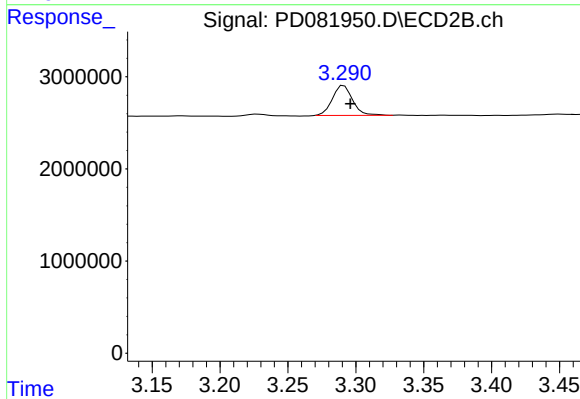
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: -0.005 min
Response: 50040686
Conc: 20.41 ng/ml



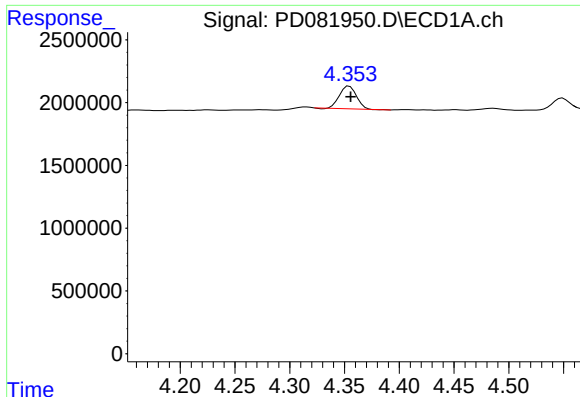
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 2028975
Conc: 0.87 ng/ml



#2 alpha-BHC

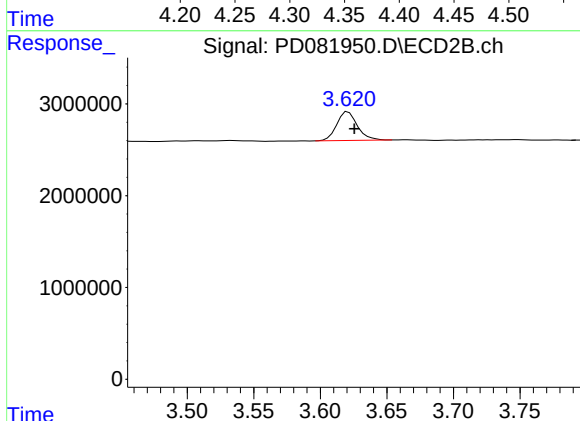
R.T.: 3.291 min
Delta R.T.: -0.005 min
Response: 3361881
Conc: 0.87 ng/ml



#3 gamma-BHC (Lindane)

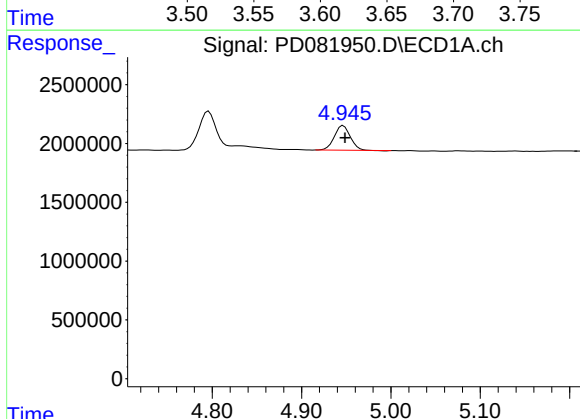
R.T.: 4.354 min
Delta R.T.: -0.001 min
Response: 1943122
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



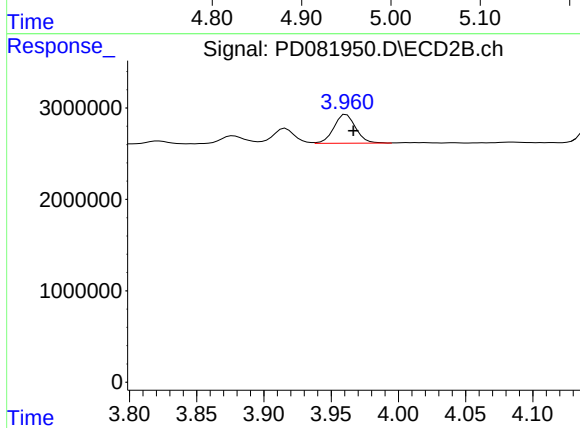
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 3390527
Conc: 0.94 ng/ml



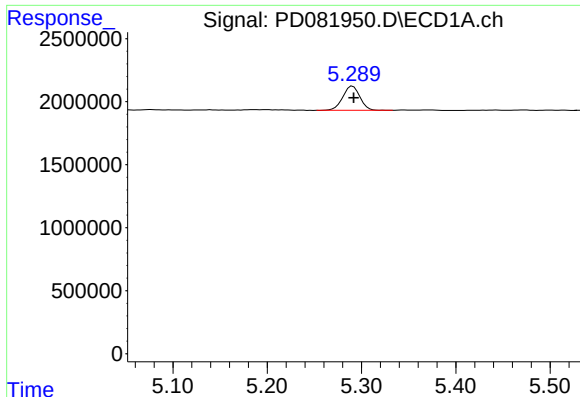
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 2590176
Conc: 1.06 ng/ml



#4 Heptachlor

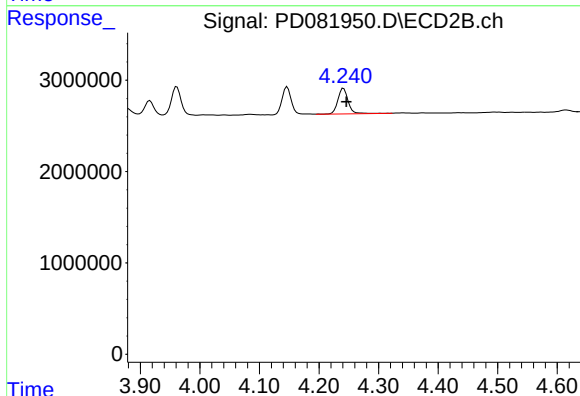
R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 3520889
Conc: 0.99 ng/ml



#5 Aldrin

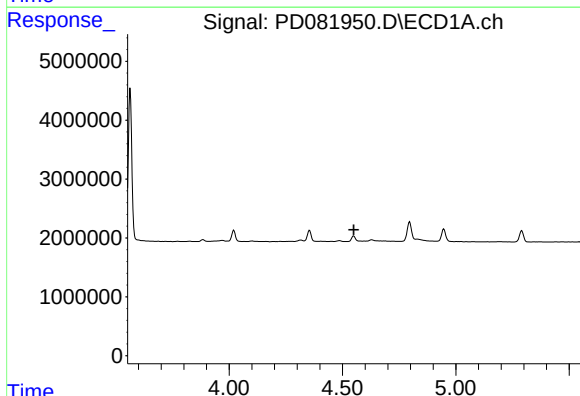
R.T.: 5.291 min
Delta R.T.: -0.001 min
Response: 2435412
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



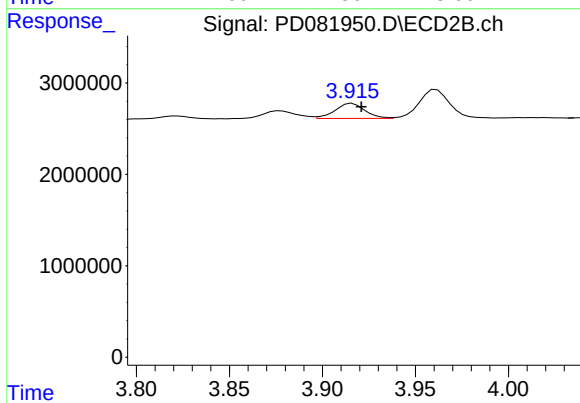
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.005 min
Response: 3368904
Conc: 0.99 ng/ml



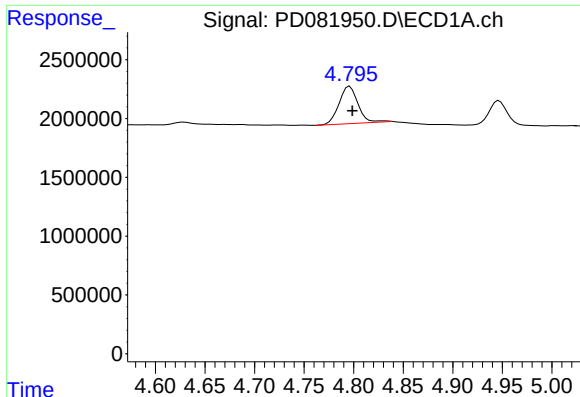
#6 beta-BHC

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



#6 beta-BHC

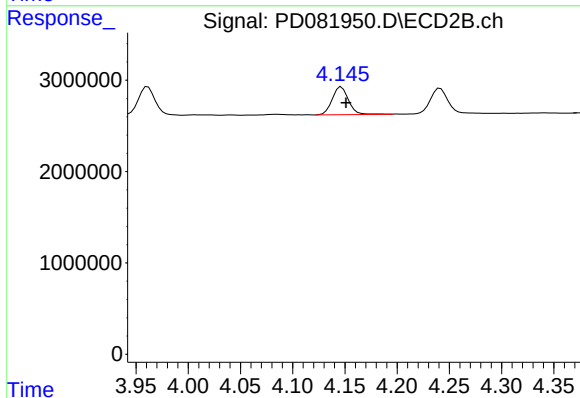
R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 1841075
Conc: 1.09 ng/ml



#7 delta-BHC

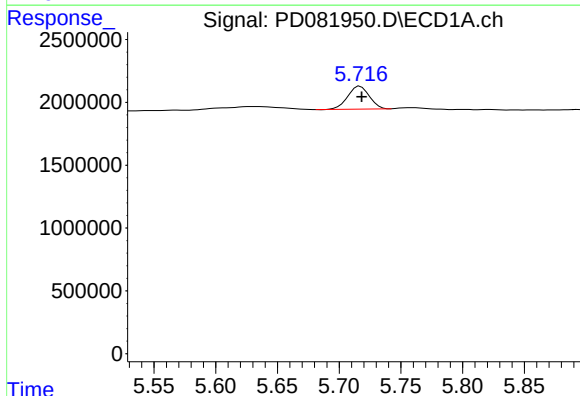
R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 4260375
Conc: 1.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



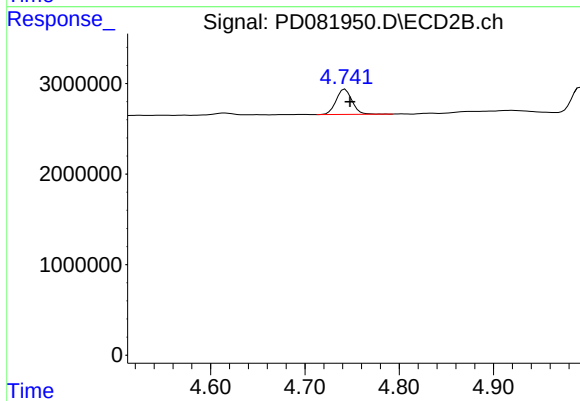
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.004 min
Response: 3308785
Conc: 0.88 ng/ml



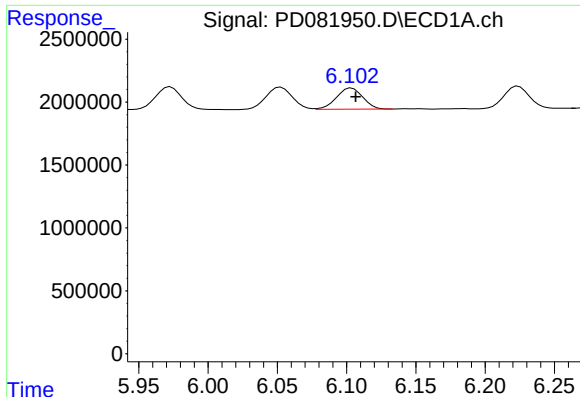
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 2225002
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

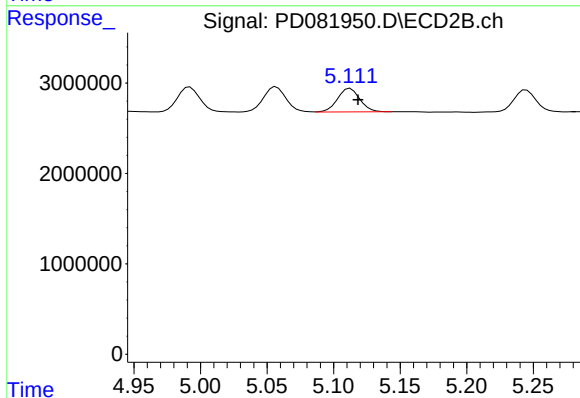
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 3283720
Conc: 1.02 ng/ml



#9 Endosulfan I

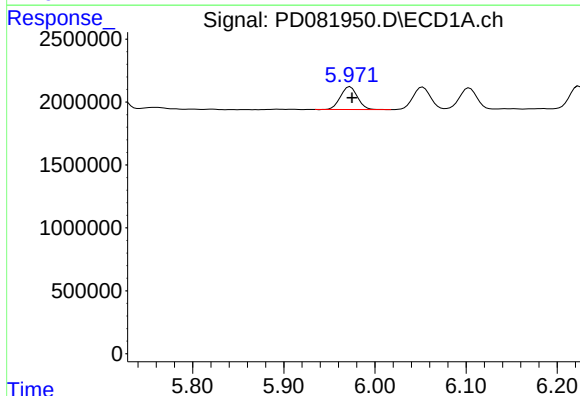
R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 2232752
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



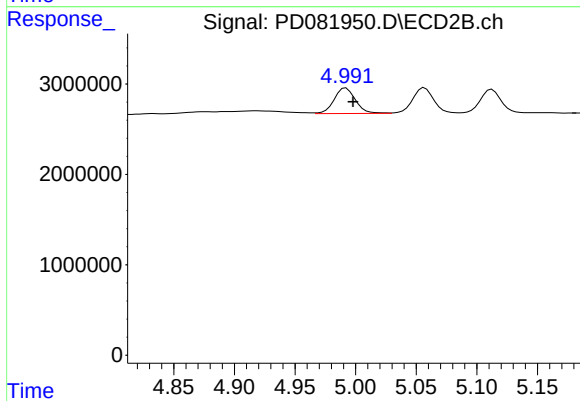
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 3040991
Conc: 1.02 ng/ml



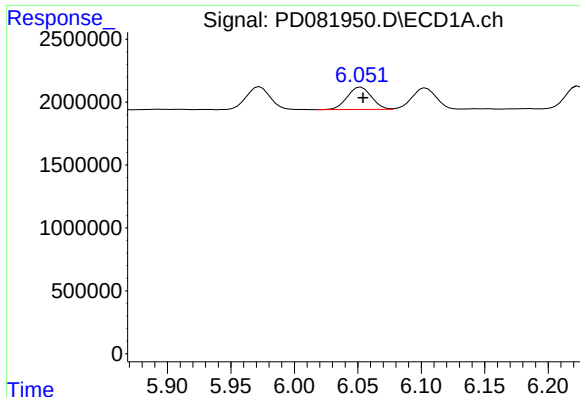
#10 trans-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 2376493
Conc: 1.09 ng/ml



#10 trans-Chlordane

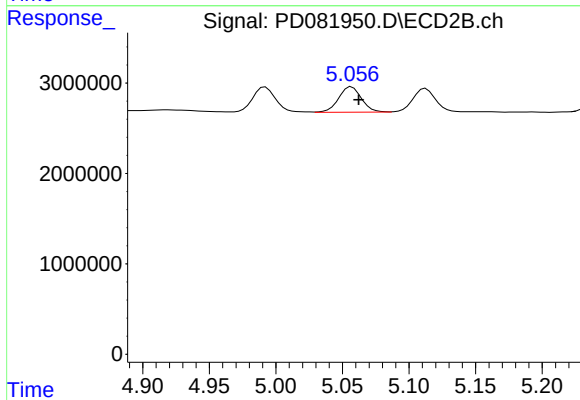
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 3460061
Conc: 1.11 ng/ml



#11 cis-Chlordane

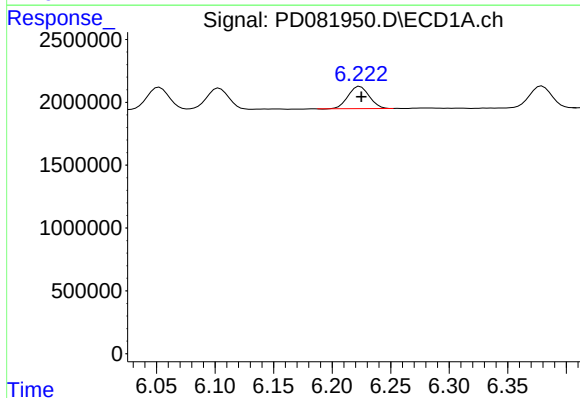
R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 2370748
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



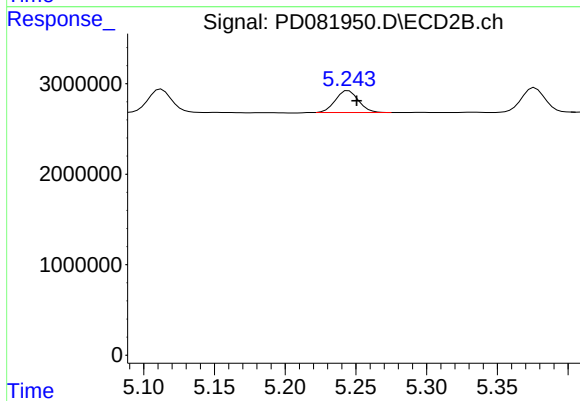
#11 cis-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 3355217
Conc: 1.05 ng/ml



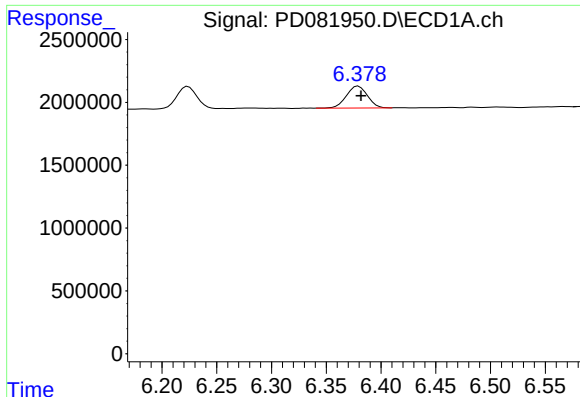
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 2219020
Conc: 1.03 ng/ml



#12 4,4'-DDE

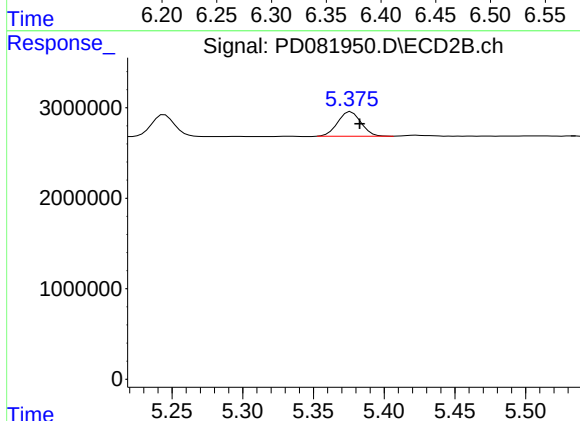
R.T.: 5.245 min
Delta R.T.: -0.006 min
Response: 2756323
Conc: 0.93 ng/ml



#13 Dieldrin

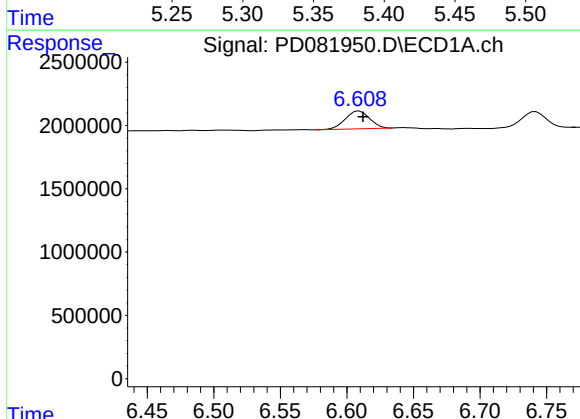
R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 2326623
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



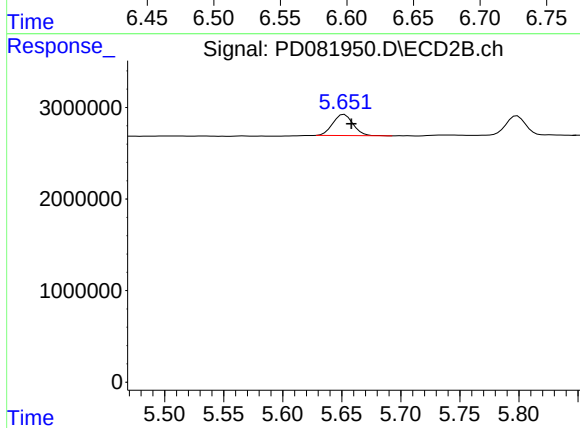
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.006 min
Response: 3116641
Conc: 0.95 ng/ml



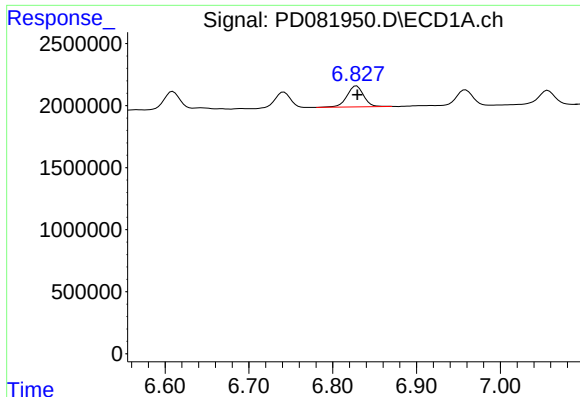
#14 Endrin

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 1786001
Conc: 0.95 ng/ml



#14 Endrin

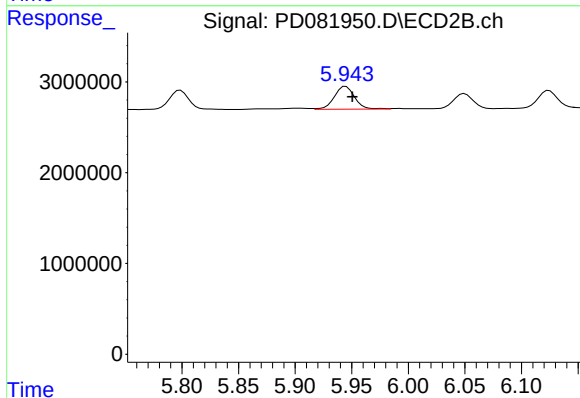
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 2775490
Conc: 0.97 ng/ml



#15 Endosulfan II

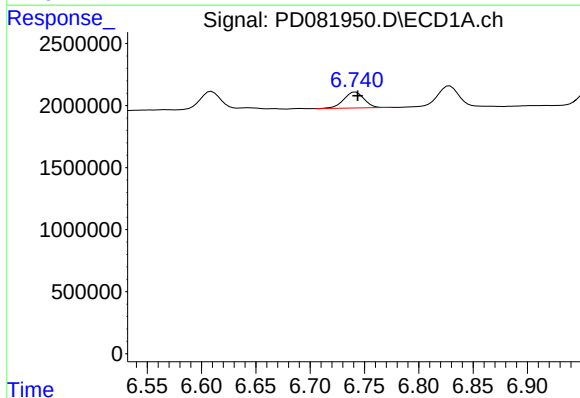
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 2360901
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



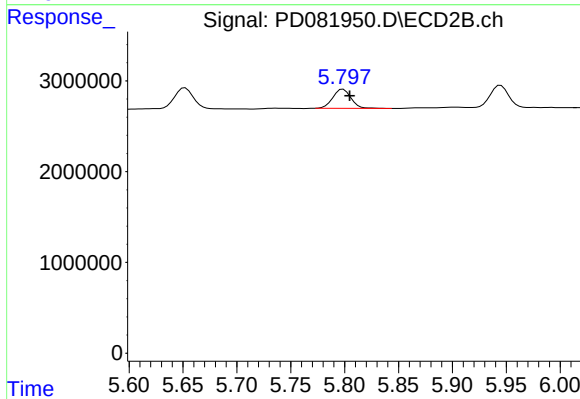
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 3136751
Conc: 1.11 ng/ml



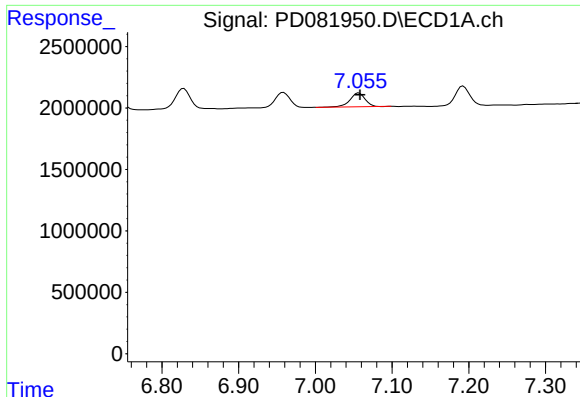
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 1664979
Conc: 1.00 ng/ml



#16 4,4'-DDD

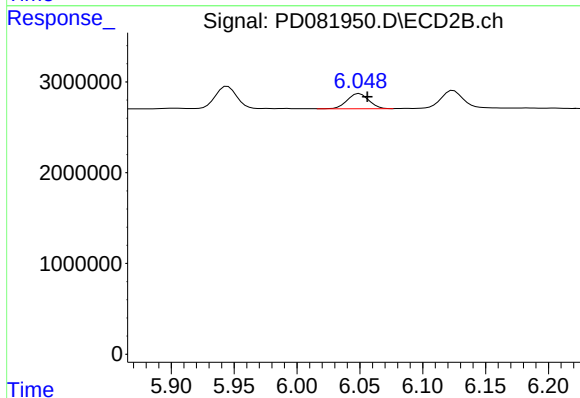
R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 2497715
Conc: 0.99 ng/ml



#17 4,4'-DDT

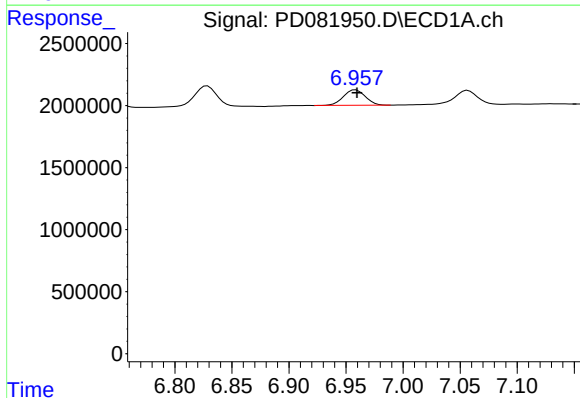
R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 1564083
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



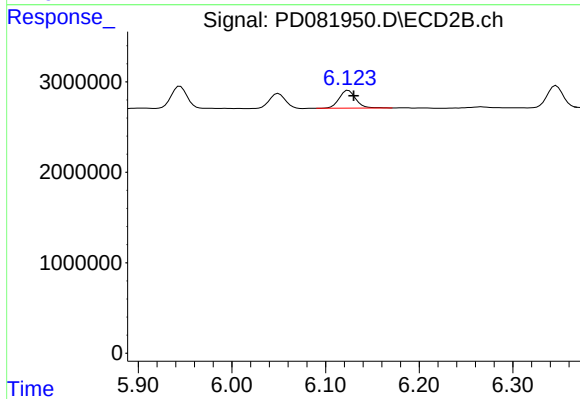
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 2023259
Conc: 0.78 ng/ml



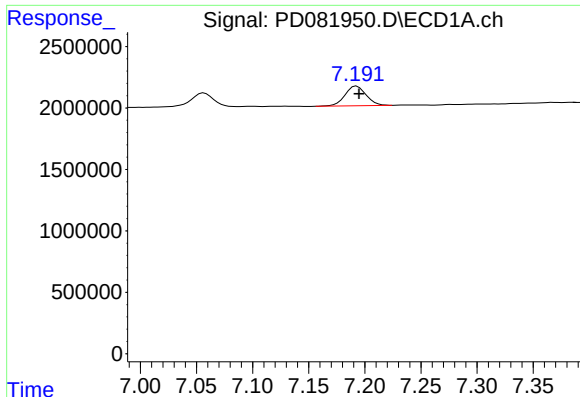
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.001 min
Response: 1658481
Conc: 1.11 ng/ml



#18 Endrin aldehyde

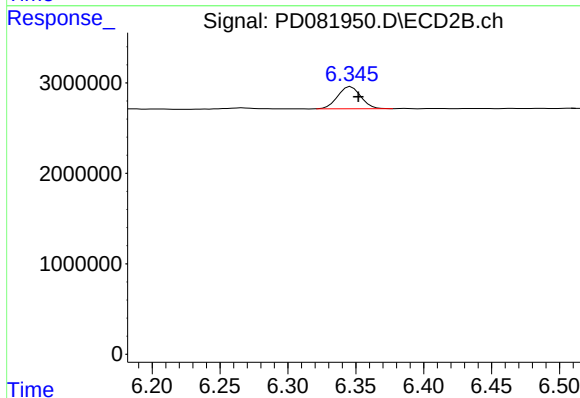
R.T.: 6.124 min
Delta R.T.: -0.006 min
Response: 2424283
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

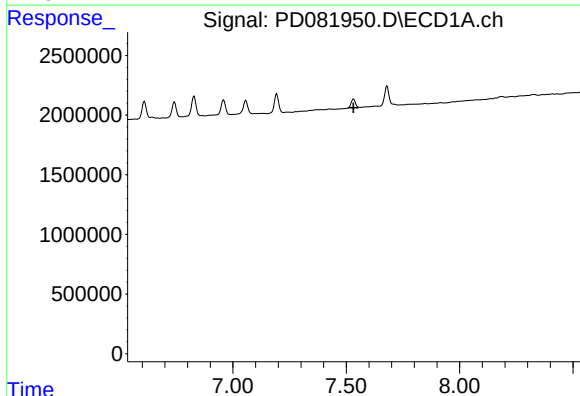
R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 2116241
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



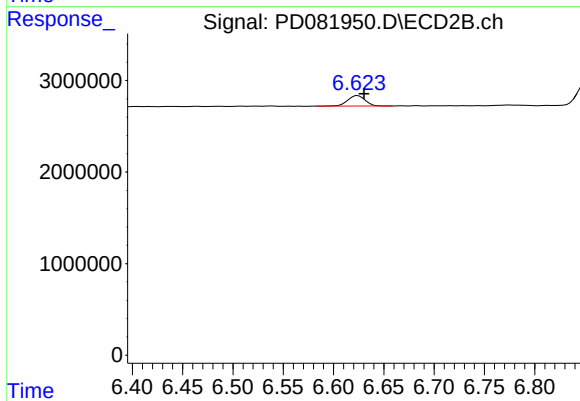
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 2908184
Conc: 1.08 ng/ml



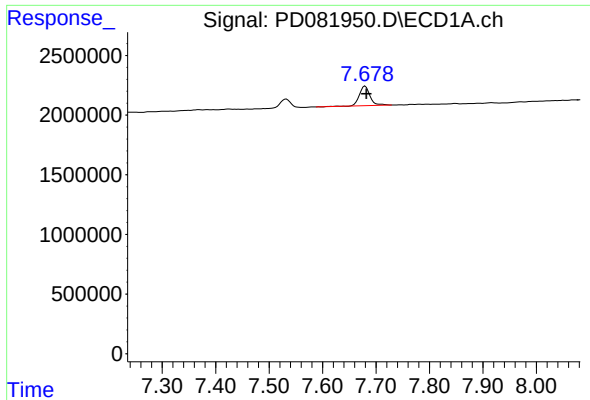
#20 Methoxychlor

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



#20 Methoxychlor

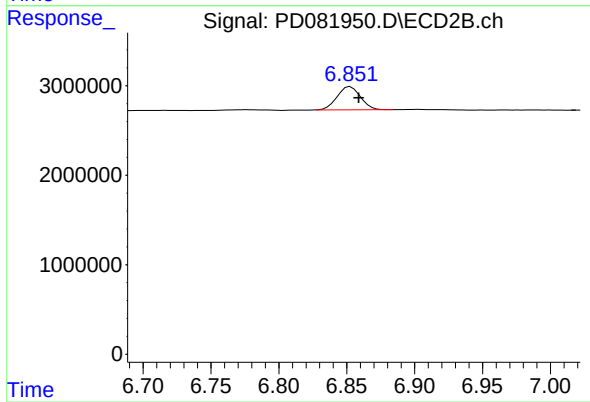
R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 1377853
Conc: 1.03 ng/ml



#21 Endrin ketone

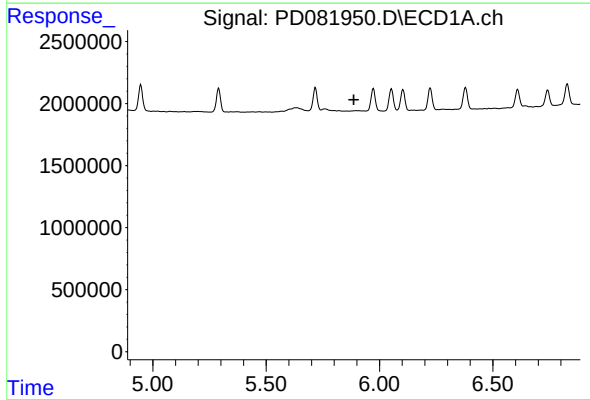
R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 2233781
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



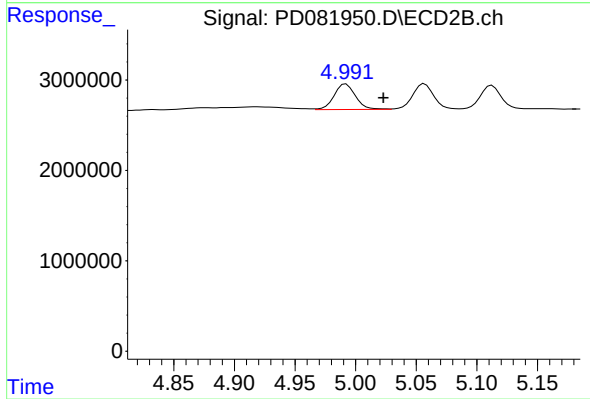
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.006 min
Response: 3104946
Conc: 1.04 ng/ml



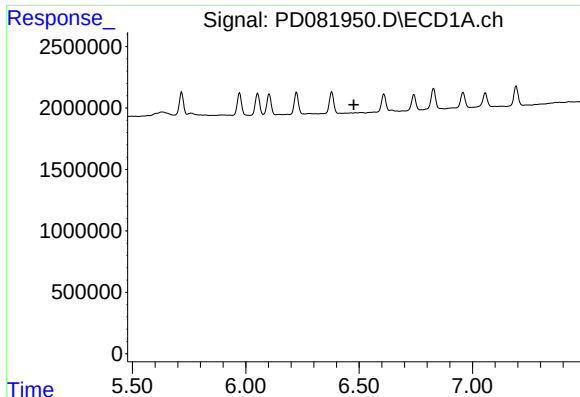
#22 Toxaphene-1

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



#22 Toxaphene-1

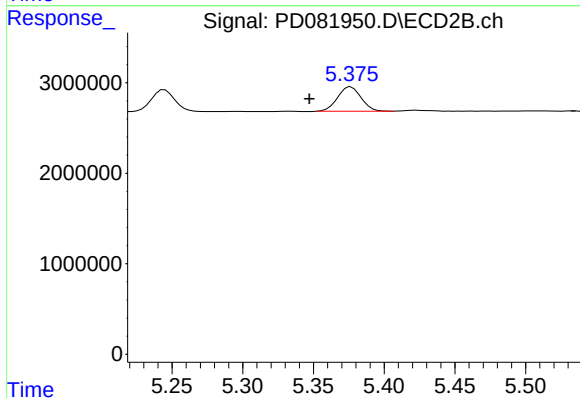
R.T.: 4.992 min
Delta R.T.: -0.031 min
Response: 3460061
Conc: 211.34 ng/ml



#23 Toxaphene-2

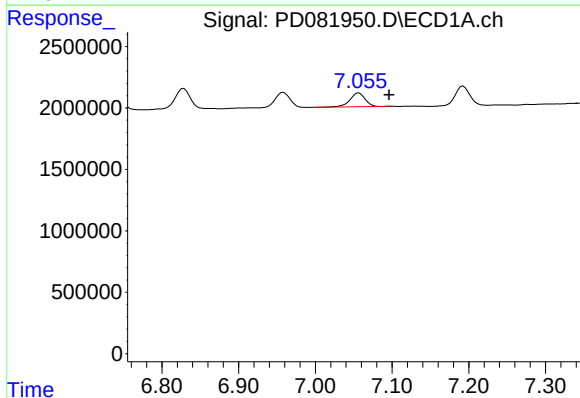
R.T.: 0.000 min
Exp R.T.: 6.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



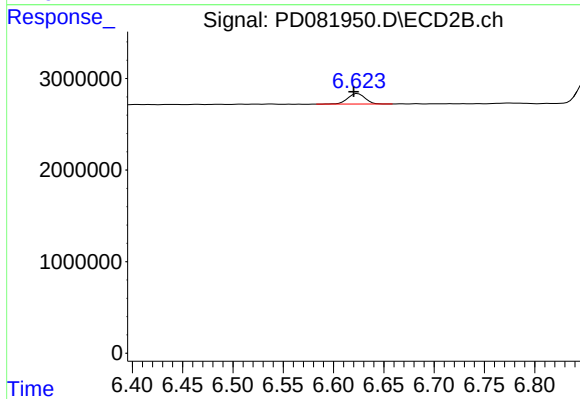
#23 Toxaphene-2

R.T.: 5.377 min
Delta R.T.: 0.029 min
Response: 3116641
Conc: 182.87 ng/ml



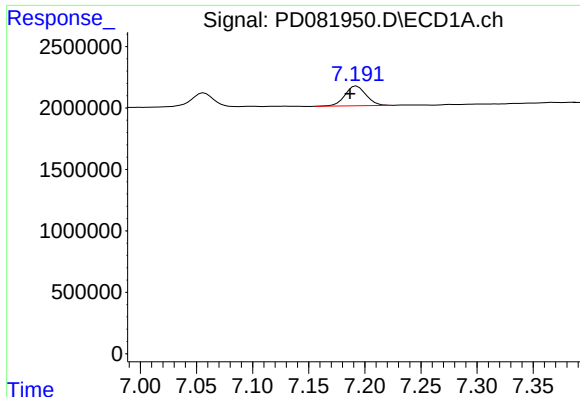
#24 Toxaphene-3

R.T.: 7.057 min
Delta R.T.: -0.039 min
Response: 1564083
Conc: 29.58 ng/ml



#24 Toxaphene-3

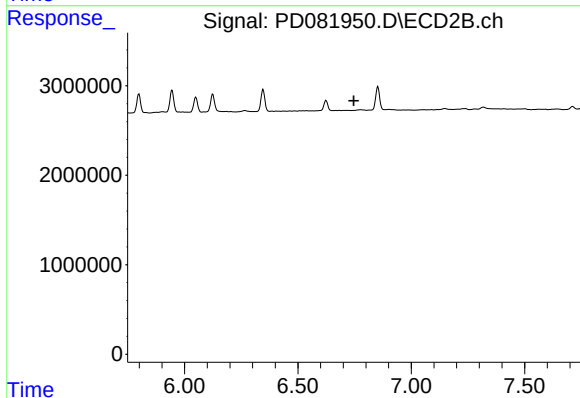
R.T.: 6.624 min
Delta R.T.: 0.004 min
Response: 1377853
Conc: 23.54 ng/ml



#25 Toxaphene-4

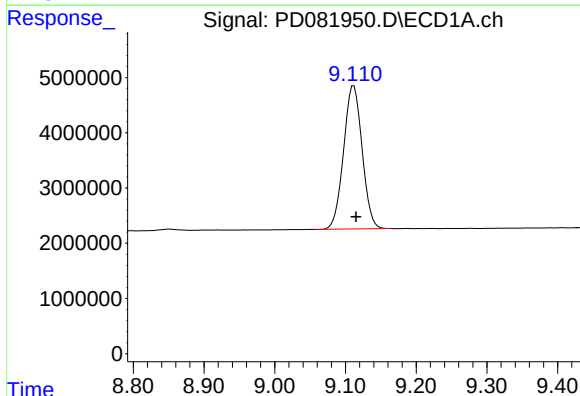
R.T.: 7.193 min
Delta R.T.: 0.006 min
Response: 2116241
Conc: 53.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT1-2024-02



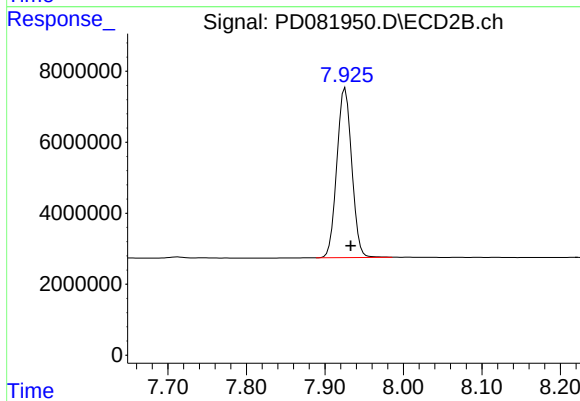
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T.: 6.747 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.003 min
Response: 47269030
Conc: 24.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.007 min
Response: 63226300
Conc: 25.49 ng/ml