

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111624\
 Data File : PD086753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2024 02:18
 Operator : AR\AJ
 Sample : P4776-02
 Misc : PEST MDL 1 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT4-2024-08

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 05:45:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 03:38:57 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

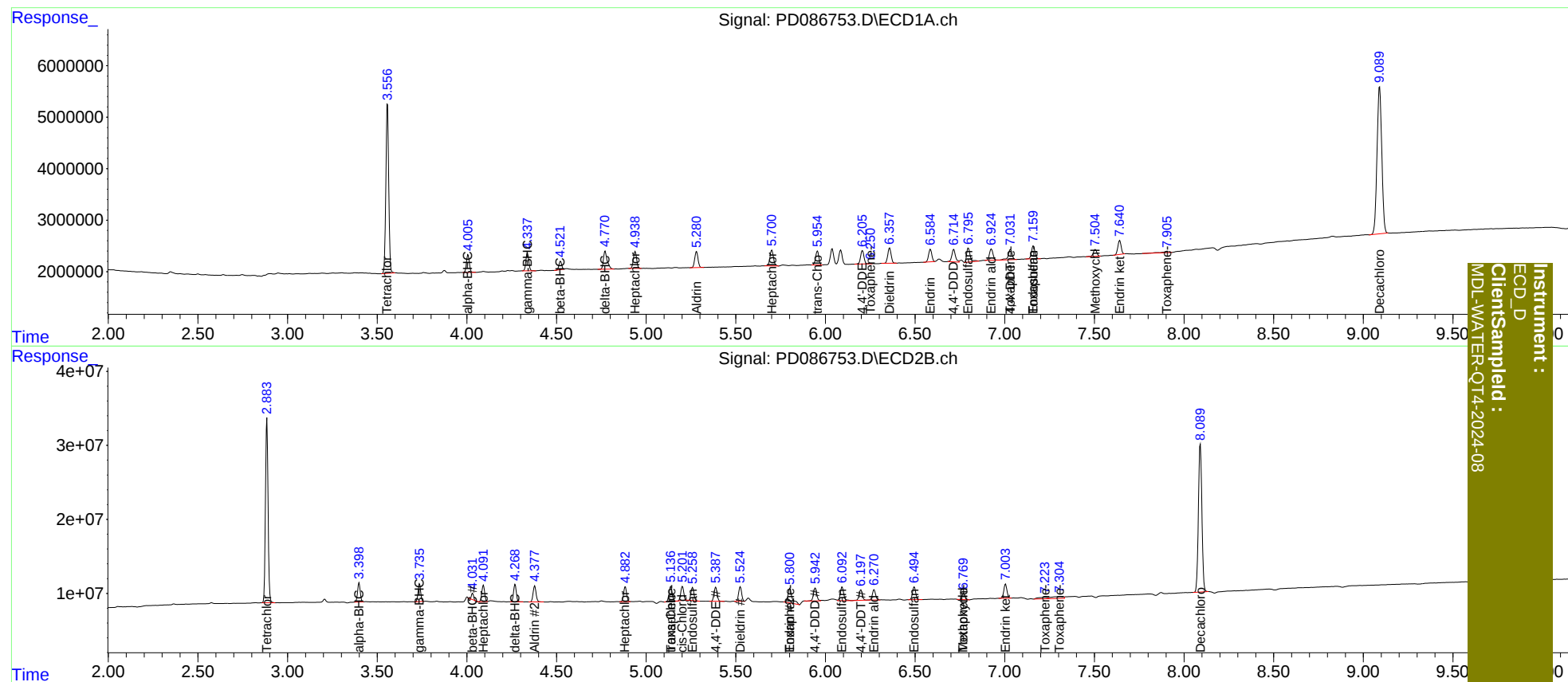
System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.885	36579232	251.9E6	24.358	24.225
27)	SA Decachlor...	9.091	8.091	52675335	271.8E6	23.804	22.913
Target Compounds							
2)	A alpha-BHC	4.007	3.399	3893983	26780557	1.355	1.651
3)	MA gamma-BHC...	4.338	3.736	3864969	24476050	1.364	1.613
4)	MA Heptachlor	4.939	4.092	4052080	24409592	1.409	1.555
5)	MB Aldrin	5.281	4.379	3976914	25080262	1.478	1.703
6)	B beta-BHC	4.522	4.032	1669536	5072172	1.346	0.741 #
7)	B delta-BHC	4.771	4.269	5106570	25096708	1.807	1.646
8)	B Heptachlo...	5.701	4.884	4200456	23425889	1.656	1.699
9)	A Endosulfan I	6.085	5.259	-2086046	18468985	N.D.	1.403
10)	B trans-Chl...	5.955	5.138	3329807	24639337	1.342	1.702 #
11)	B cis-Chlor...	6.085f	5.202	-2086046	21402973	N.D.	1.515
12)	B 4,4'-DDE	6.206	5.388	3350732	22739440	1.401	1.709
13)	MA Dieldrin	6.358	5.525	3860837	22842751	1.440	1.631
14)	MA Endrin	6.585	5.802	3063445	32361026	1.367	2.521 #
15)	B Endosulfa...	6.797	6.093	3785415	24901140	1.586	2.028 #
16)	A 4,4'-DDD	6.716	5.943	3374712	21874699	1.735	1.949
17)	MA 4,4'-DDT	7.032	6.198	2976498	18002409	1.465	1.509
18)	B Endrin al...	6.926	6.271	3035679	17651260	1.741	1.860
19)	B Endosulfa...	7.160	6.495	3366440	21461715	1.583	1.815
20)	A Methoxychlor	7.505	6.770	1818500	9277916	1.600	1.689
21)	B Endrin ke...	7.641	7.005	3472806	23010844	1.426	1.751
22)	Toxaphene-1	6.252	5.138	38518	24639337	2.447	341.512 #
23)	Toxaphene-2	0.000	5.802f	0	32361026	N.D.	409.301
24)	Toxaphene-3	7.032	6.770	2976498	9277916	47.614	35.854
25)	Toxaphene-4	7.160	7.224	3366440	7272541	72.541	40.073 #
26)	Toxaphene-5	7.907	7.307f	700614	12036087	20.311	87.989 #

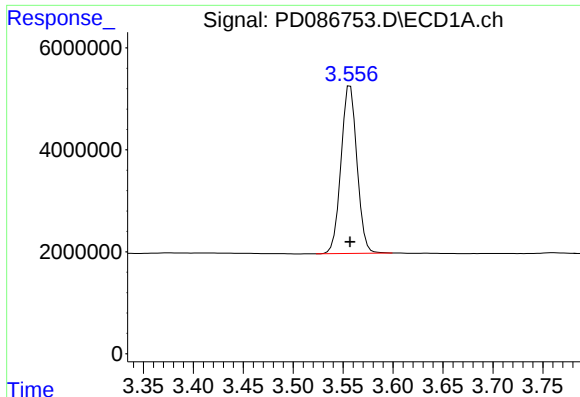
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111624\
Data File : PD086753.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2024 02:18
Operator : AR\AJ
Sample : P4776-02
Misc : PEST MDL 1 PPB
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:45:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111424CLP.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 03:38:57 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

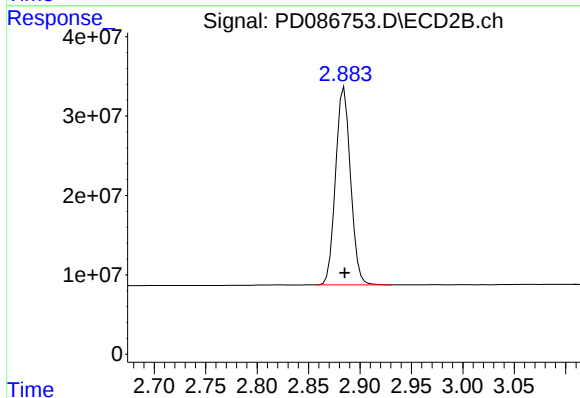




#1 Tetrachloro-m-xylene

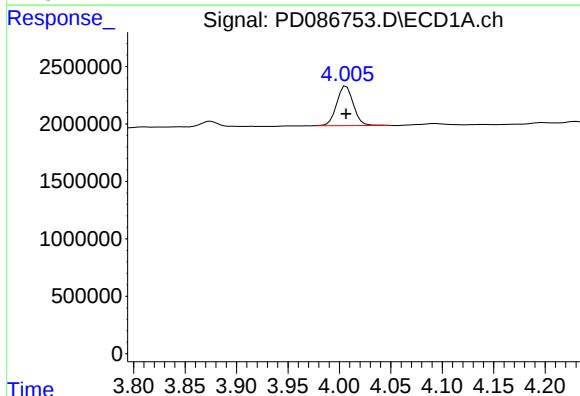
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 36579232
Conc: 24.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



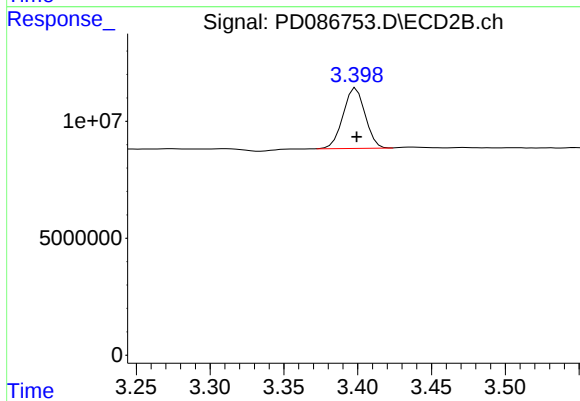
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 251885586
Conc: 24.23 ng/ml



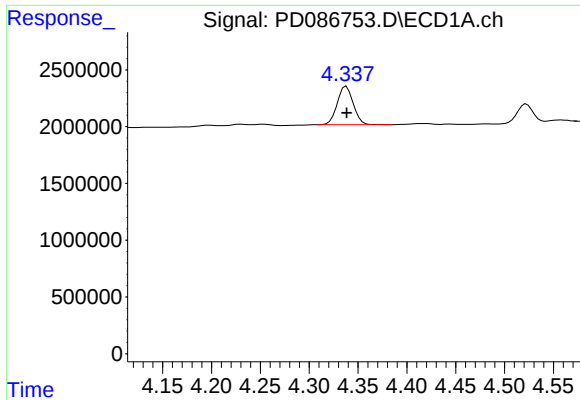
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 3893983
Conc: 1.35 ng/ml



#2 alpha-BHC

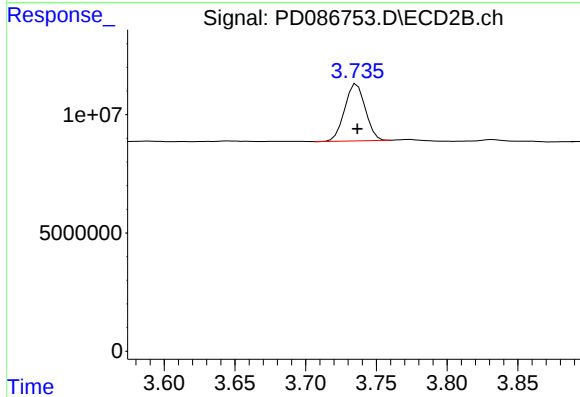
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 26780557
Conc: 1.65 ng/ml



#3 gamma-BHC (Lindane)

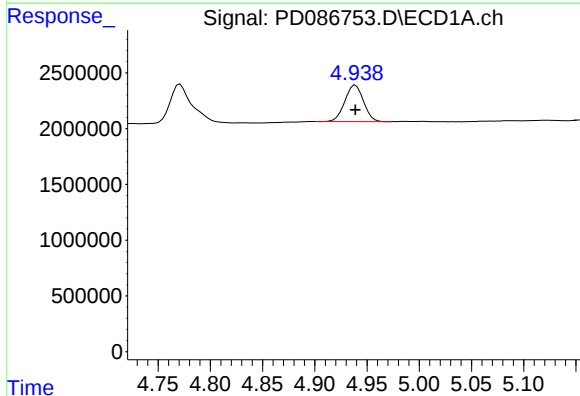
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 3864969
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



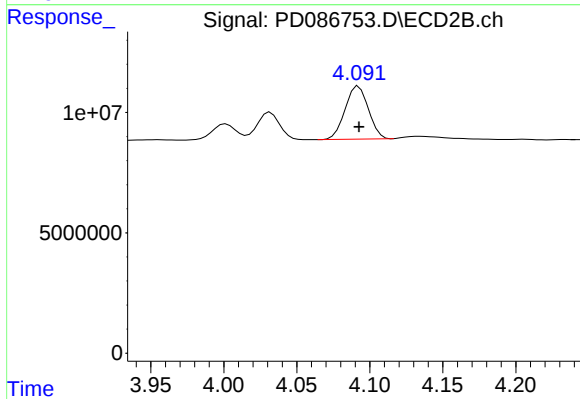
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 24476050
Conc: 1.61 ng/ml



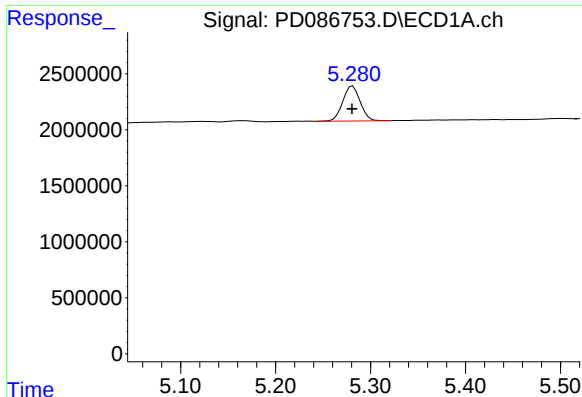
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 4052080
Conc: 1.41 ng/ml



#4 Heptachlor

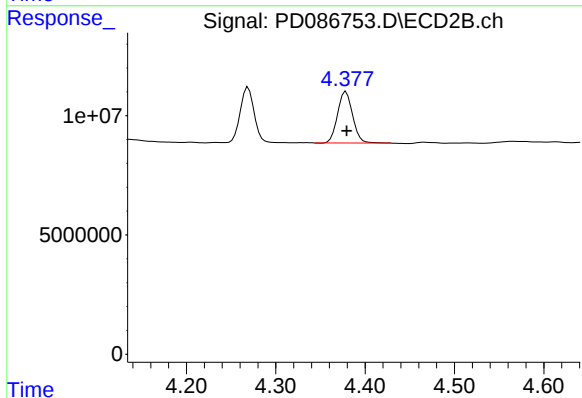
R.T.: 4.092 min
Delta R.T.: 0.000 min
Response: 24409592
Conc: 1.56 ng/ml



#5 Aldrin

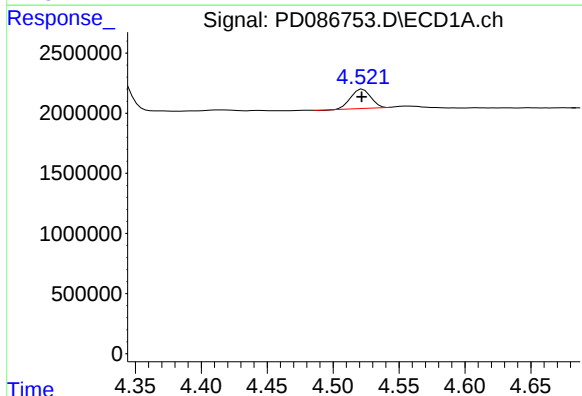
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 3976914
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



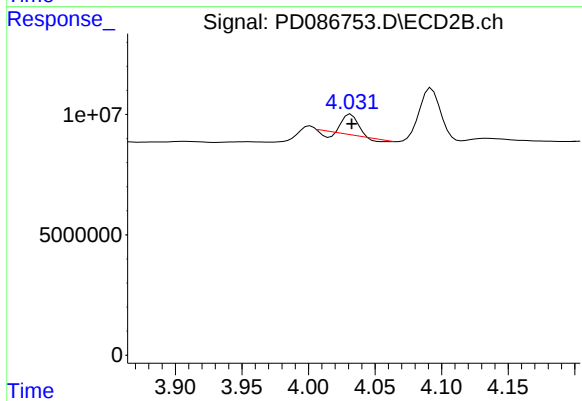
#5 Aldrin

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 25080262
Conc: 1.70 ng/ml



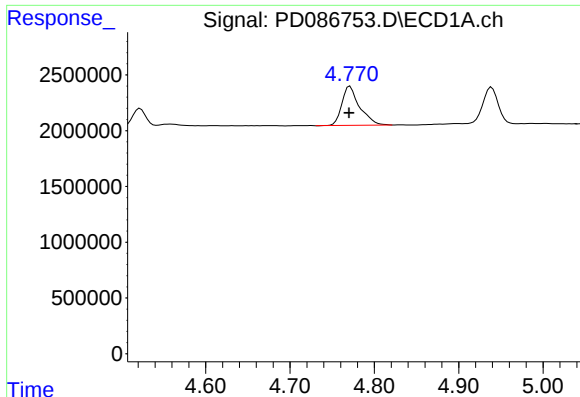
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 1669536
Conc: 1.35 ng/ml



#6 beta-BHC

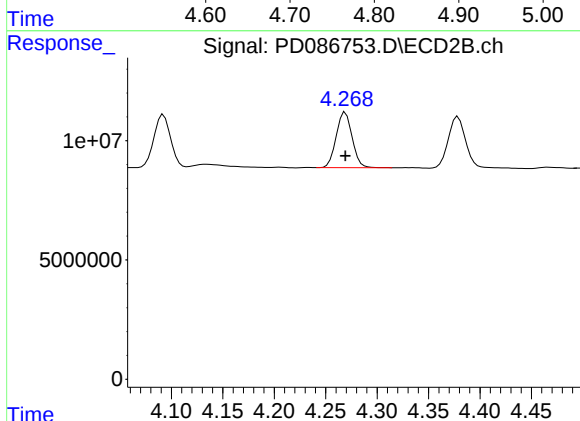
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 5072172
Conc: 0.74 ng/ml



#7 delta-BHC

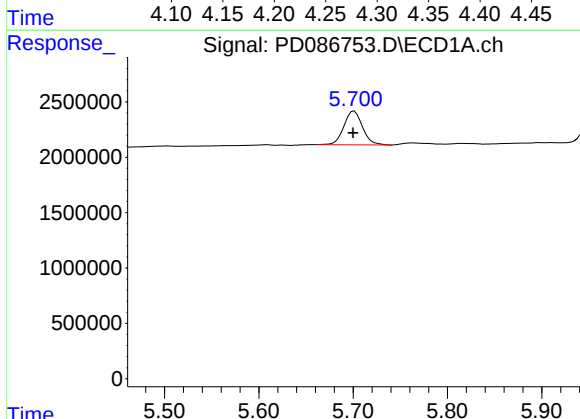
R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 5106570
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



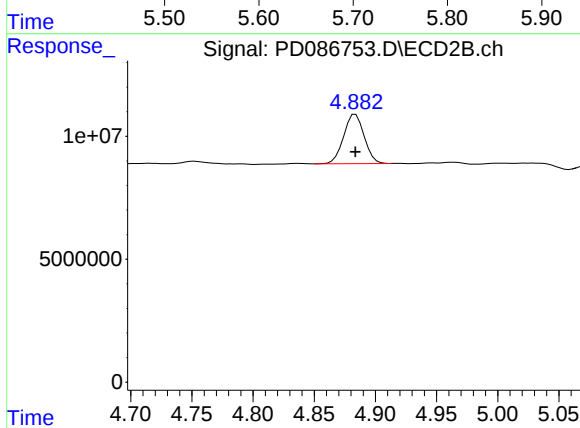
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 25096708
Conc: 1.65 ng/ml



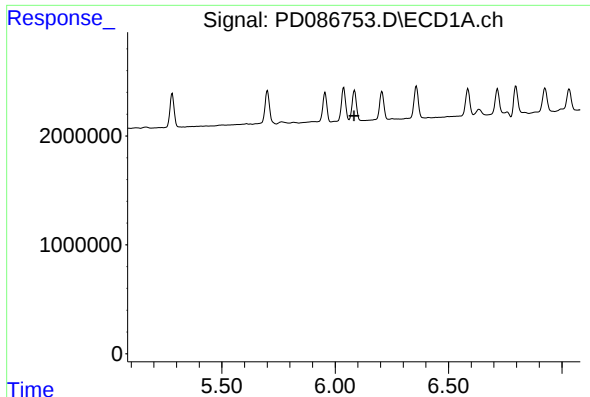
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 4200456
Conc: 1.66 ng/ml



#8 Heptachlor epoxide

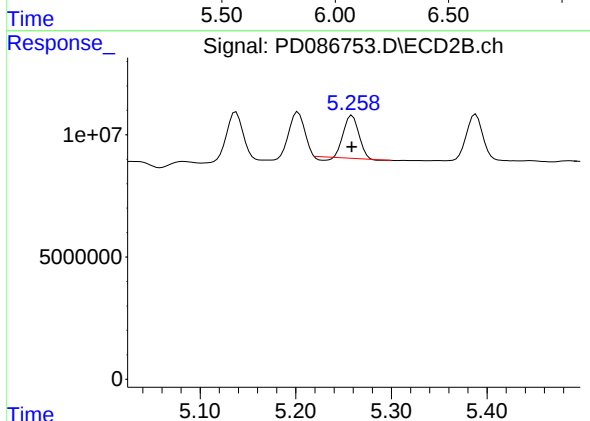
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 23425889
Conc: 1.70 ng/ml



#9 Endosulfan I

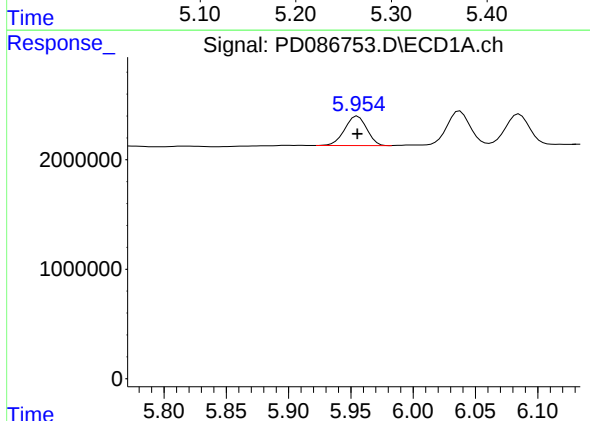
R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: -2086046
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



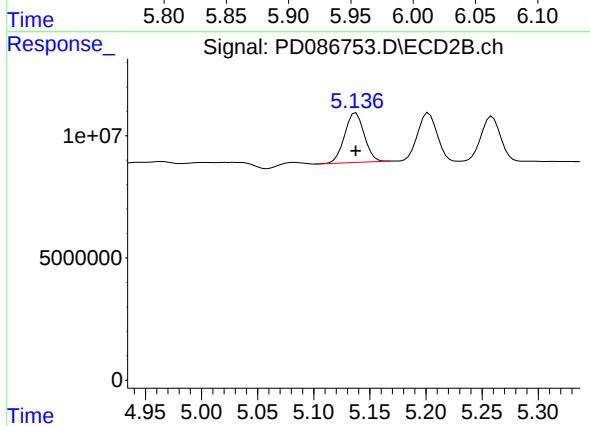
#9 Endosulfan I

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 18468985
Conc: 1.40 ng/ml



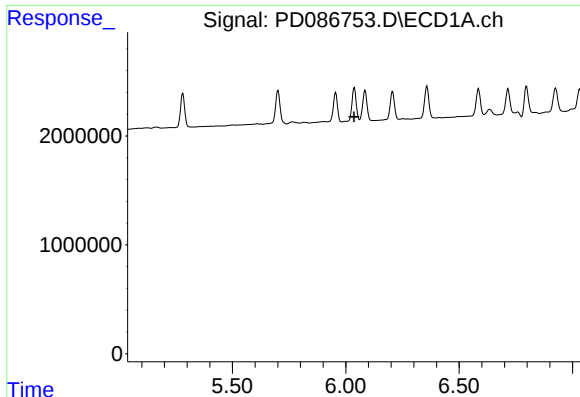
#10 trans-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 3329807
Conc: 1.34 ng/ml



#10 trans-Chlordane

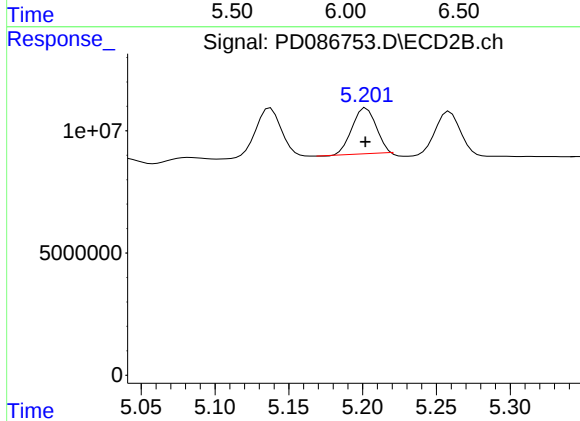
R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 24639337
Conc: 1.70 ng/ml



#11 cis-Chlordane

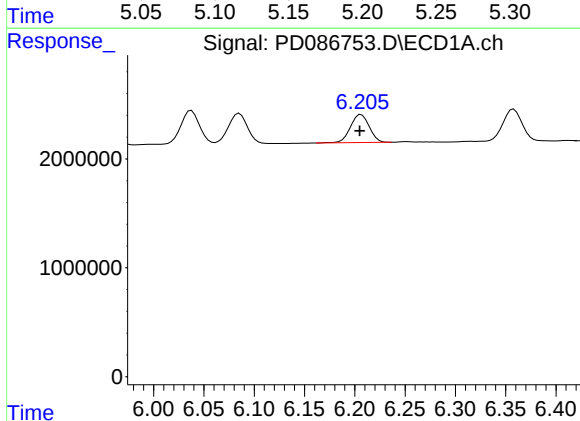
R.T.: 6.085 min
Delta R.T.: 0.049 min
Response: -2086046
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



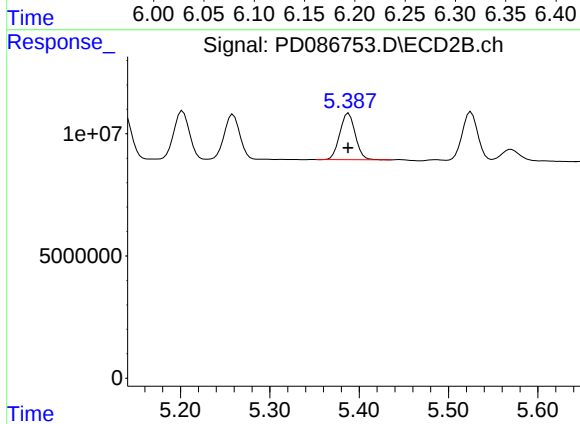
#11 cis-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 21402973
Conc: 1.51 ng/ml



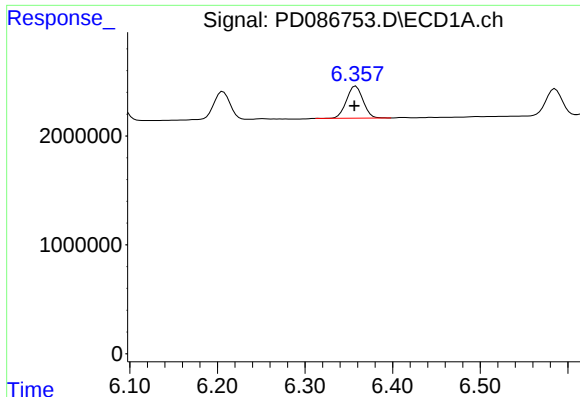
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 3350732
Conc: 1.40 ng/ml



#12 4,4'-DDE

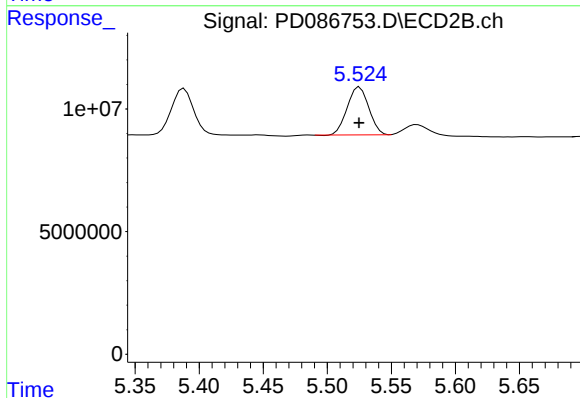
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 22739440
Conc: 1.71 ng/ml



#13 Dieldrin

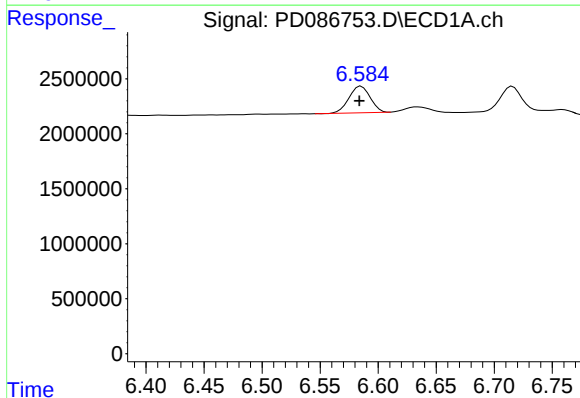
R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 3860837
Conc: 1.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



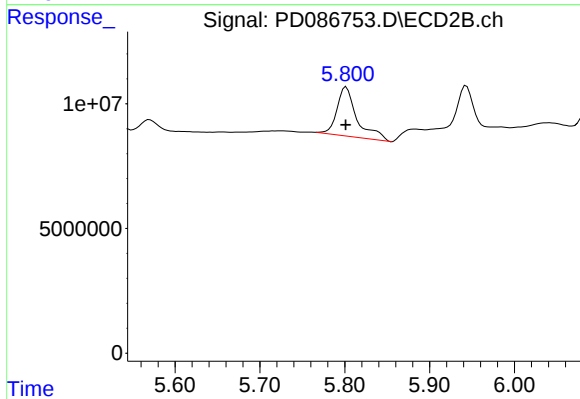
#13 Dieldrin

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 22842751
Conc: 1.63 ng/ml



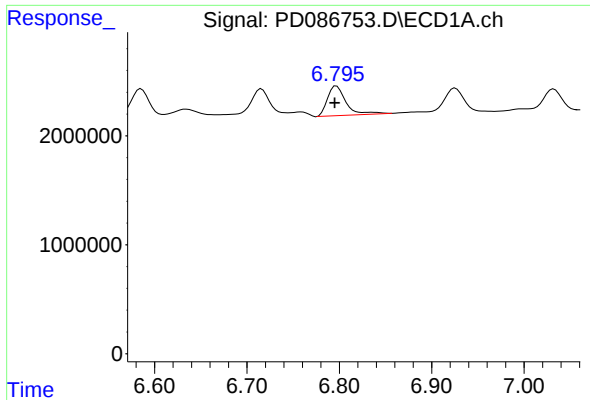
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 3063445
Conc: 1.37 ng/ml



#14 Endrin

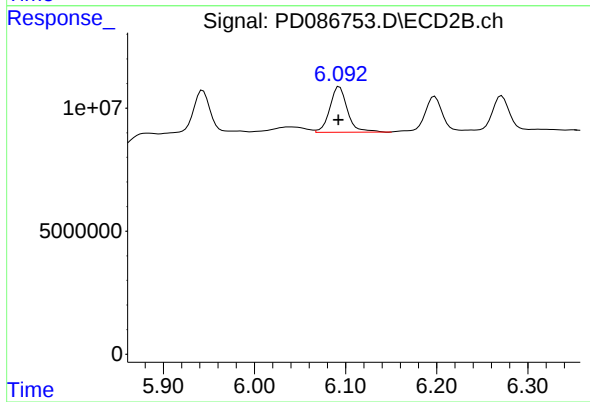
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 32361026
Conc: 2.52 ng/ml



#15 Endosulfan II

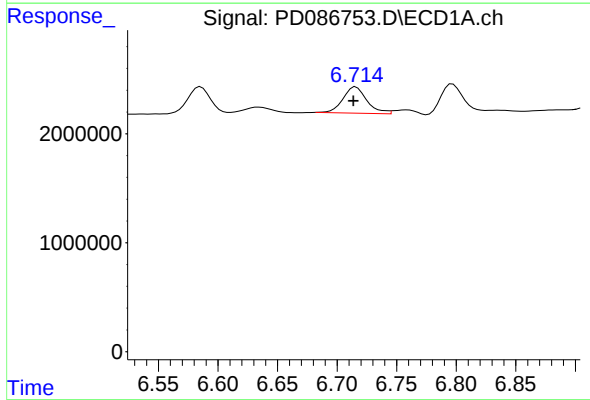
R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 3785415
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



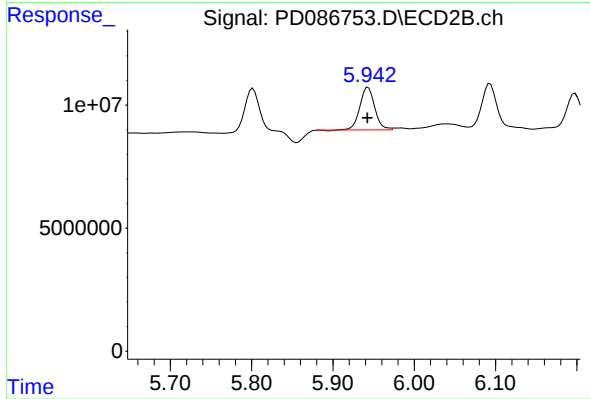
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: 0.001 min
Response: 24901140
Conc: 2.03 ng/ml



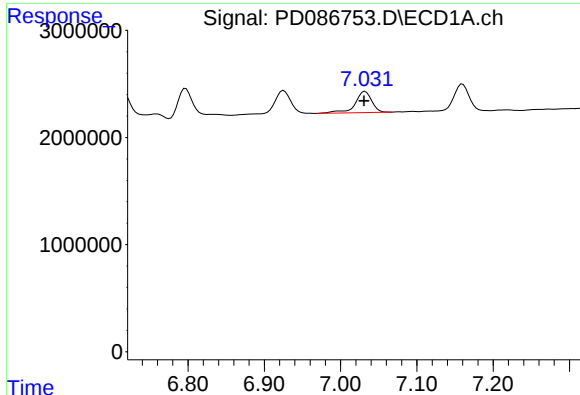
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 3374712
Conc: 1.74 ng/ml



#16 4,4'-DDD

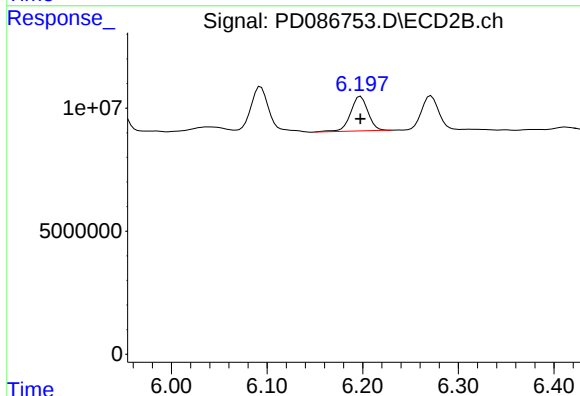
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 21874699
Conc: 1.95 ng/ml



#17 4,4'-DDT

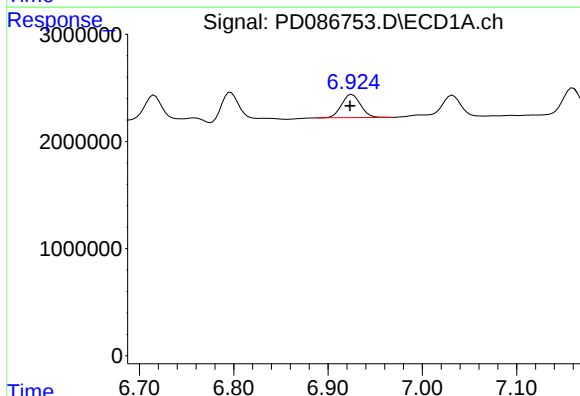
R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 2976498
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



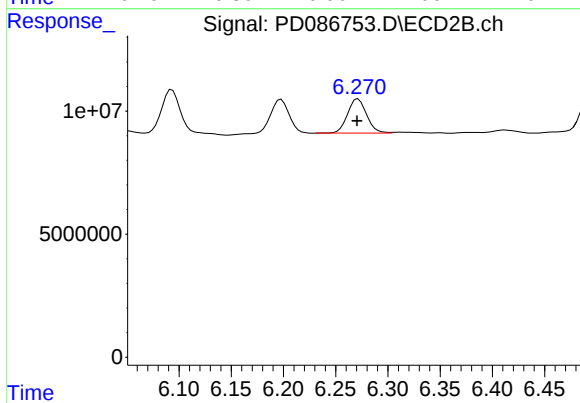
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 18002409
Conc: 1.51 ng/ml



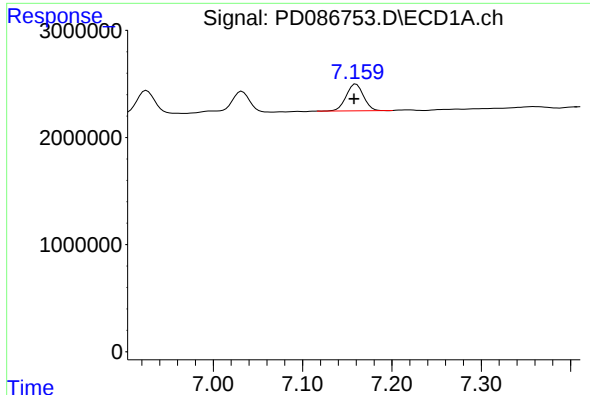
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3035679
Conc: 1.74 ng/ml



#18 Endrin aldehyde

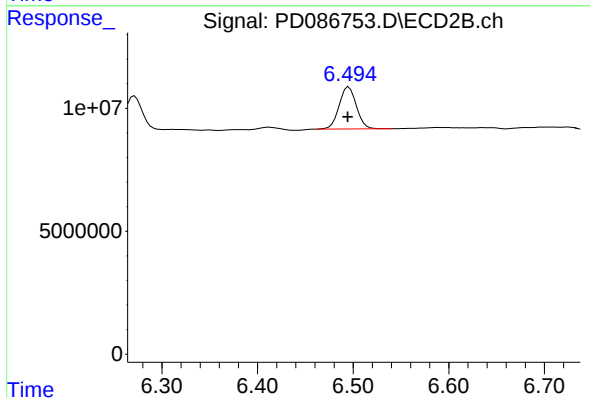
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 17651260
Conc: 1.86 ng/ml



#19 Endosulfan Sulfate

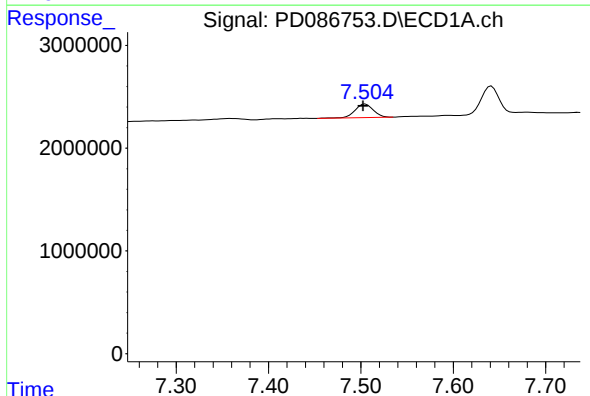
R.T.: 7.160 min
Delta R.T.: 0.002 min
Response: 3366440
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



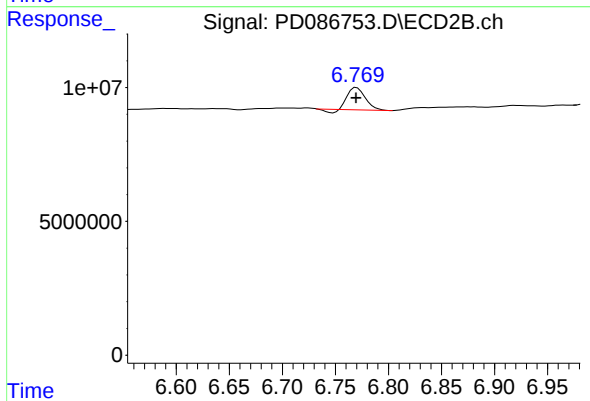
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: 0.001 min
Response: 21461715
Conc: 1.81 ng/ml



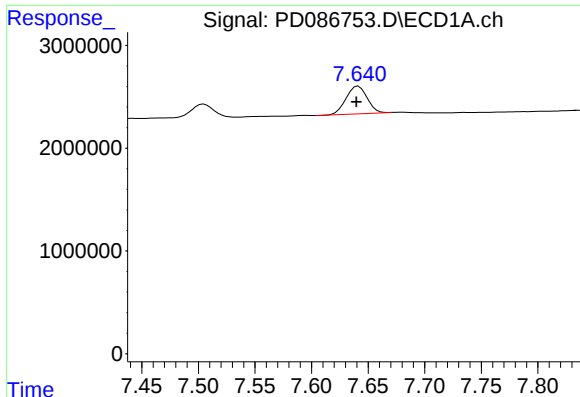
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 1818500
Conc: 1.60 ng/ml



#20 Methoxychlor

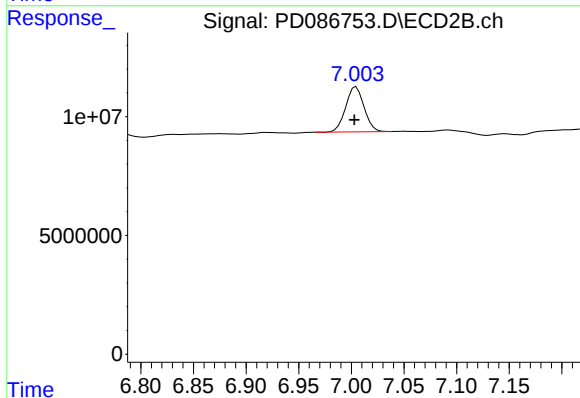
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 9277916
Conc: 1.69 ng/ml



#21 Endrin ketone

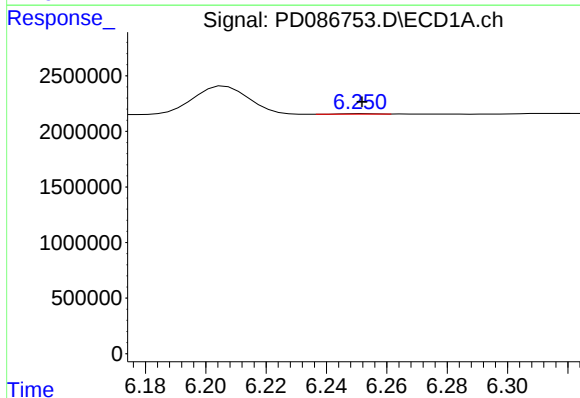
R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 3472806
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



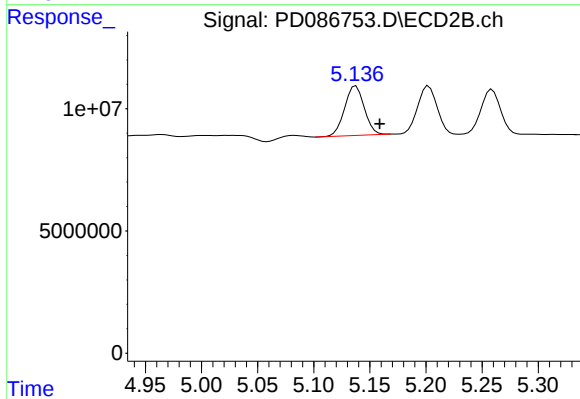
#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.002 min
Response: 23010844
Conc: 1.75 ng/ml



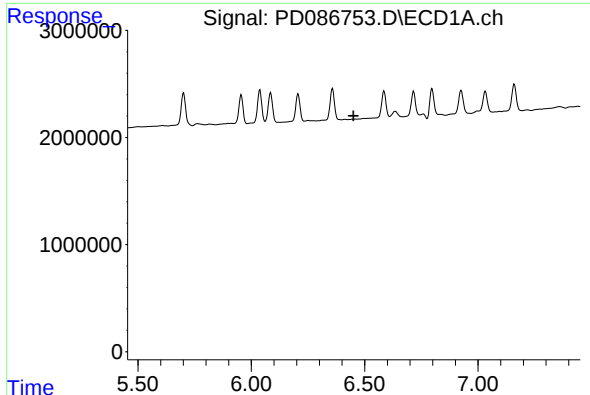
#22 Toxaphene-1

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 38518
Conc: 2.45 ng/ml



#22 Toxaphene-1

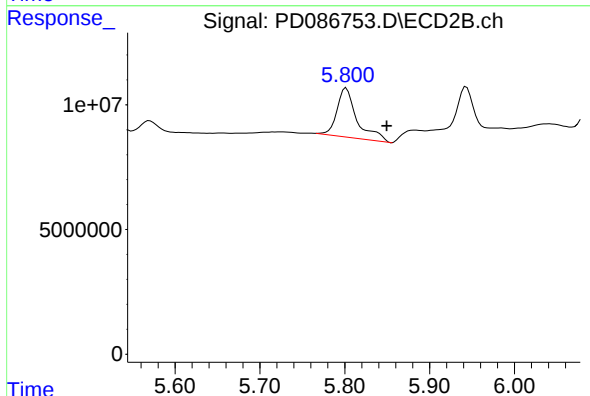
R.T.: 5.138 min
Delta R.T.: -0.021 min
Response: 24639337
Conc: 341.51 ng/ml



#23 Toxaphene-2

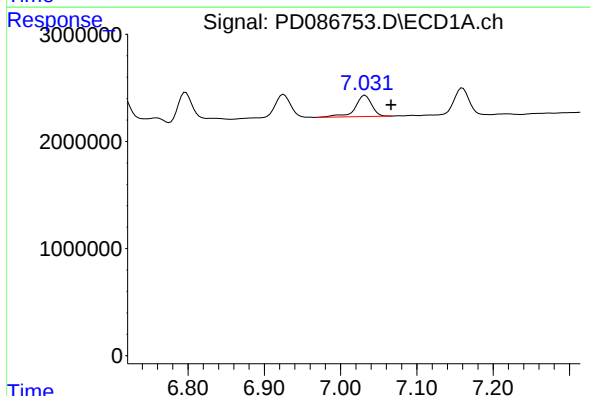
R.T.: 0.000 min
Exp R.T.: 6.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



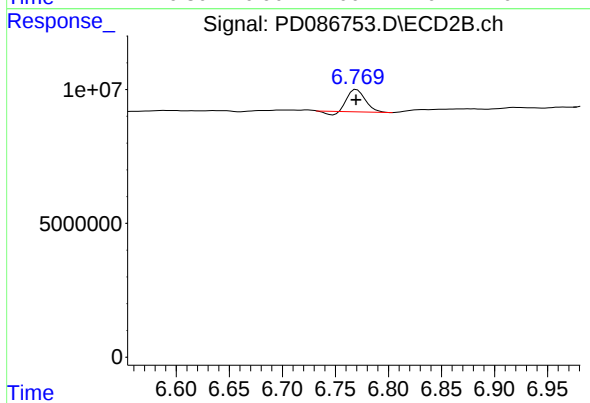
#23 Toxaphene-2

R.T.: 5.802 min
Delta R.T.: -0.048 min
Response: 32361026
Conc: 409.30 ng/ml



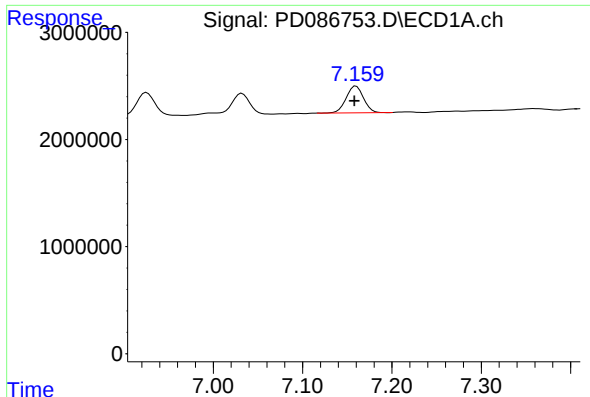
#24 Toxaphene-3

R.T.: 7.032 min
Delta R.T.: -0.034 min
Response: 2976498
Conc: 47.61 ng/ml



#24 Toxaphene-3

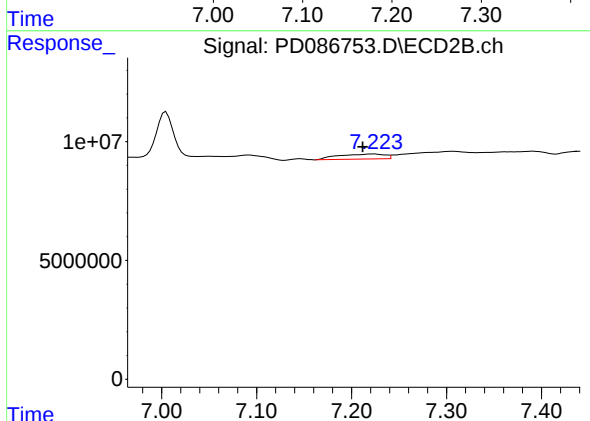
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 9277916
Conc: 35.85 ng/ml



#25 Toxaphene-4

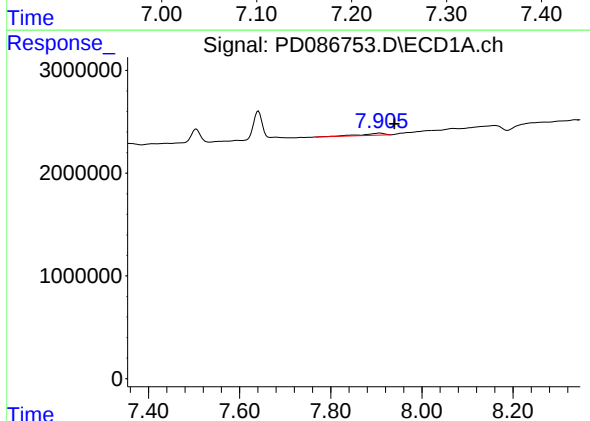
R.T.: 7.160 min
Delta R.T.: 0.002 min
Response: 3366440
Conc: 72.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



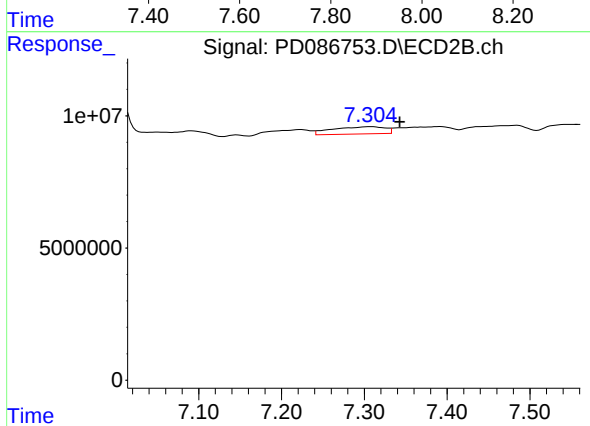
#25 Toxaphene-4

R.T.: 7.224 min
Delta R.T.: 0.012 min
Response: 7272541
Conc: 40.07 ng/ml



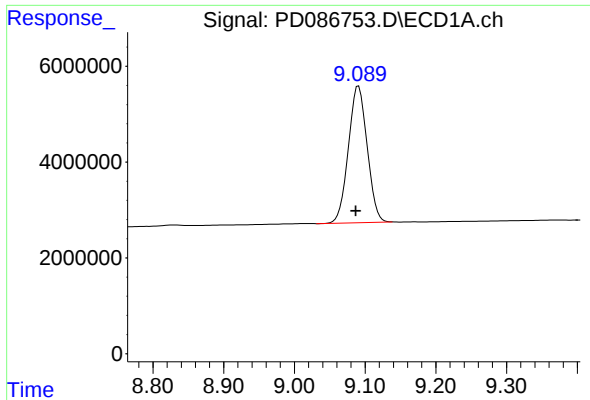
#26 Toxaphene-5

R.T.: 7.907 min
Delta R.T.: -0.032 min
Response: 700614
Conc: 20.31 ng/ml



#26 Toxaphene-5

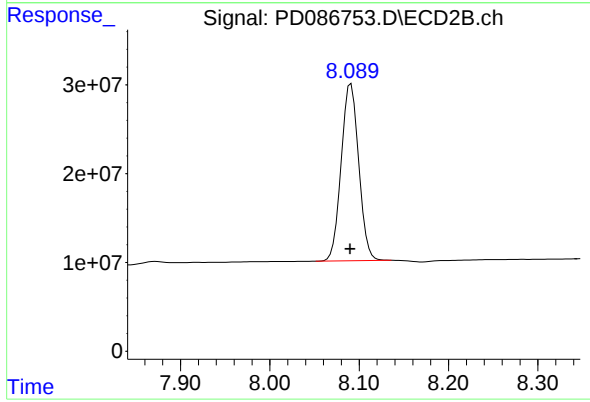
R.T.: 7.307 min
Delta R.T.: -0.036 min
Response: 12036087
Conc: 87.99 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.004 min
Response: 52675335
Conc: 23.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT4-2024-08



#27 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.001 min
Response: 271814584
Conc: 22.91 ng/ml