

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 14:07
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:25:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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...	3.560	2.882	35499830	248.5E6	17.818	20.664
28)	SA Decachlor...	9.091	8.083	57424037	281.9E6	18.828	19.944
Target Compounds							
2)	A alpha-BHC	4.009	3.396	8239868	56185831	2.048	3.006 #
3)	MA gamma-BHC...	4.341	3.733	3484410	53264173	0.876	3.000 #
4)	MA Heptachlor	4.941	4.088	9184672	52501665	2.464	3.031
5)	MB Aldrin	5.283	4.374	8758073	54991639	2.288	3.147 #
6)	B beta-BHC	4.525	4.029	4098523	24454048	2.596	3.206
7)	B delta-BHC	4.774	4.266	10305741	54560994	2.555	3.015
8)	B Heptachlo...	5.703	4.879	8444742	51089528	2.471	3.235 #
9)	A Endosulfan I	6.087	5.254	7913371	48123746	2.512	3.229 #
10)	B gamma-Chl...	5.958	5.133	7863207	53845819	2.379	3.311 #
11)	B alpha-Chl...	6.040	5.197	8251125	52199404	2.477	3.272 #
12)	B 4,4'-DDE	6.208	5.383	6850487	48185710	2.270	3.063 #
13)	MA Dieldrin	6.359	5.520	7882632	50157842	2.334	3.079 #
14)	MA Endrin	6.587	5.797	6279412	49597566	2.167	3.330 #
15)	B Endosulfa...	6.799	6.089	6720233	44423291	2.341	3.112 #
16)	A 4,4'-DDD	6.717	5.938	5997132	42818032	2.492	3.238 #
17)	MA 4,4'-DDT	7.034	6.193	4906916	29073385	1.905	2.160
18)	B Endrin al...	6.927	6.267	5990652	38587952	2.586	3.310 #
19)	B Endosulfa...	7.162	6.491	6592687	43478057	2.405	3.058 #
20)	A Methoxychlor	7.507	6.764	3188310	18251606	2.172	2.388
21)	B Endrin ke...	7.643	7.000	7792690	47337399	2.534	3.034
22)	Mirex	8.128	7.195	5912265	39255527	2.550	3.100
23)	Chlordane-1	0.000	3.887f	0	123013	N.D.	0.221 #
24)	Chlordane-2	5.222f	4.482	37438	463778	0.276	0.785 #
25)	Chlordane-3	5.958	5.133	7863207	53845819	15.641	30.850 #
26)	Chlordane-4	6.040	5.197	8251125	52199404	13.575	35.378 #
27)	Chlordane-5	0.000	6.089	0	44423291	N.D.	67.851 #

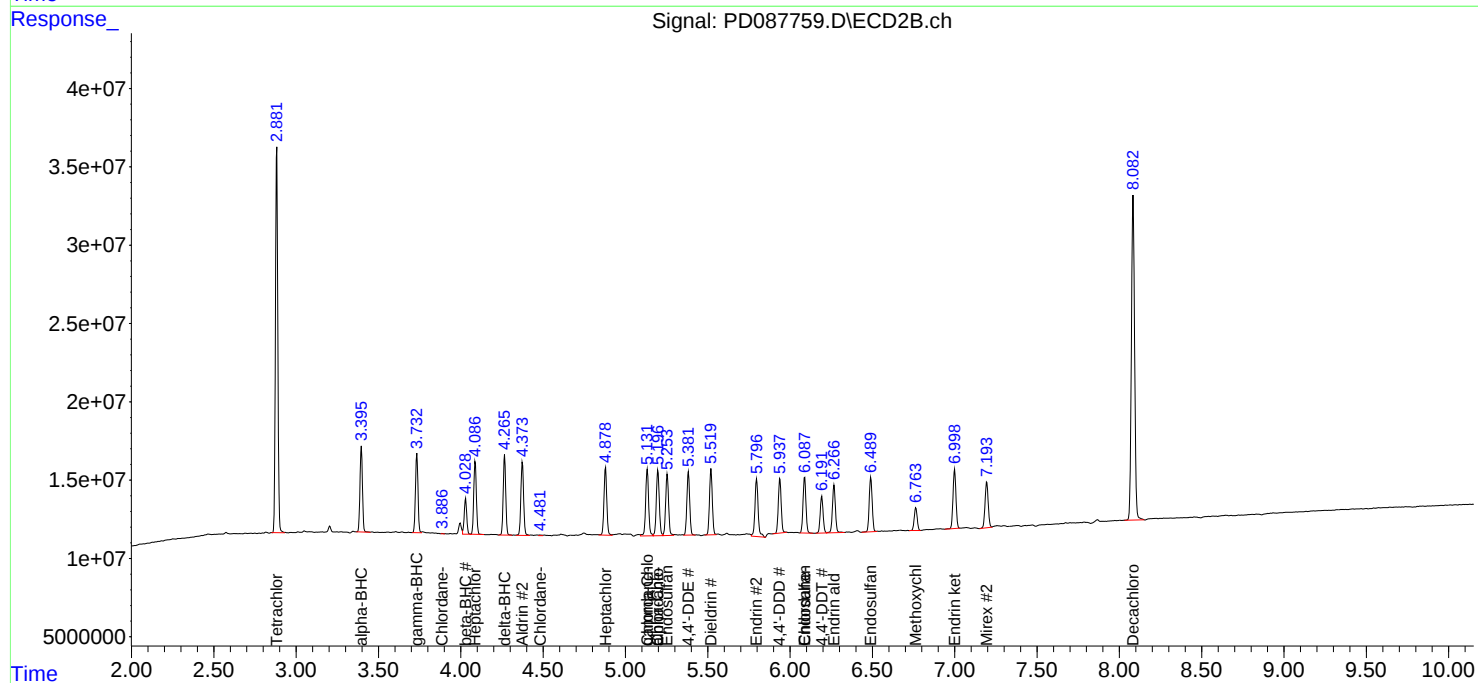
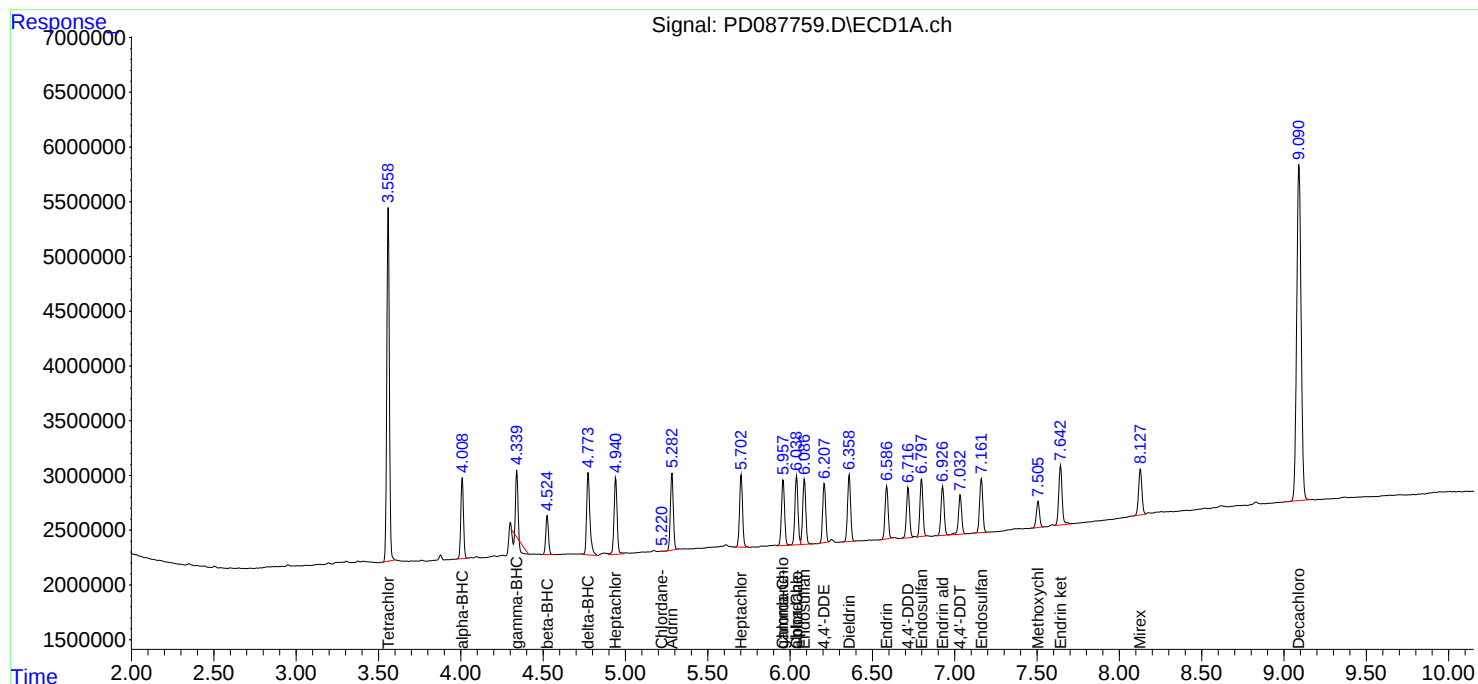
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

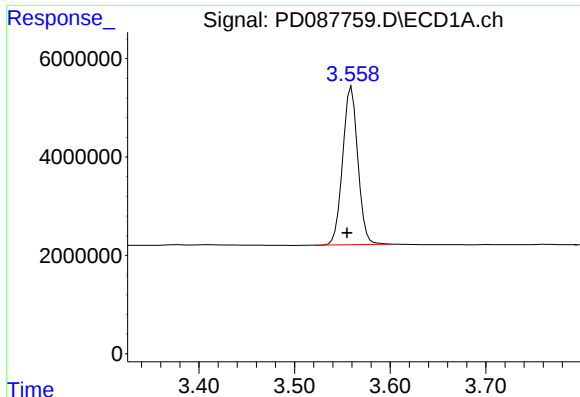
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 14:07
Operator : AR\AJ
Sample : Q1168-07
Misc : PEST LOD 2.5PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:25:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
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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

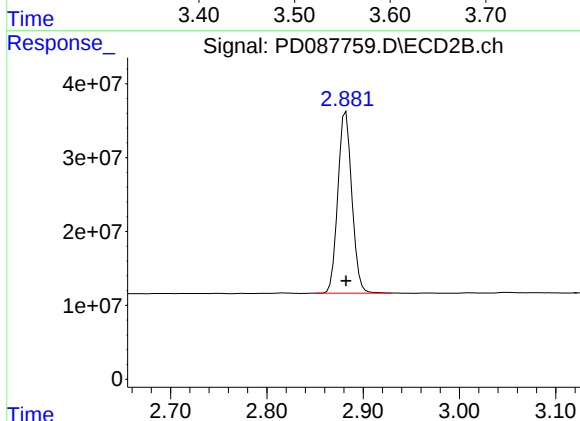




#1 Tetrachloro-m-xylene

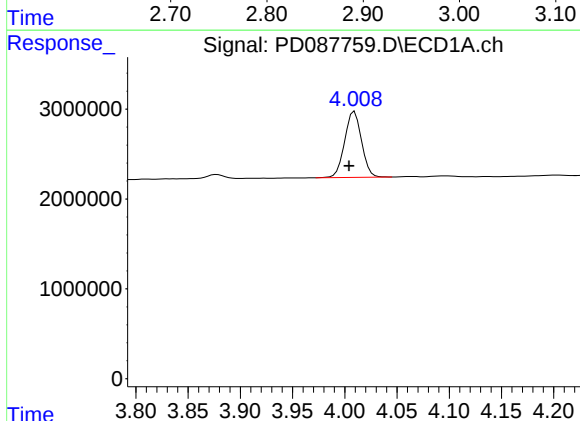
R.T.: 3.560 min
Delta R.T.: 0.005 min
Response: 35499830
Conc: 17.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



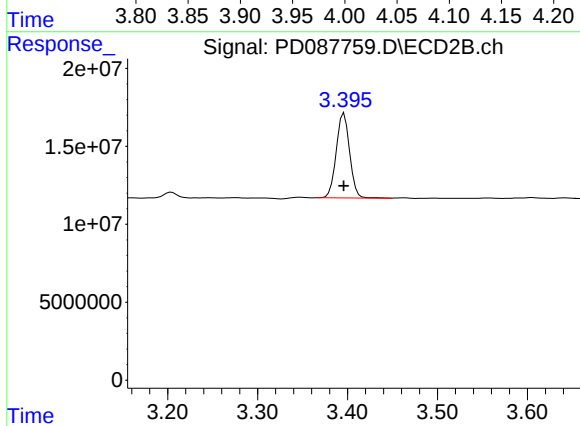
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 248519111
Conc: 20.66 ng/ml



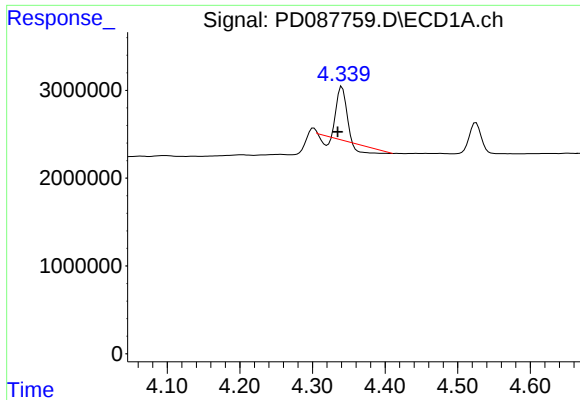
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 8239868
Conc: 2.05 ng/ml



#2 alpha-BHC

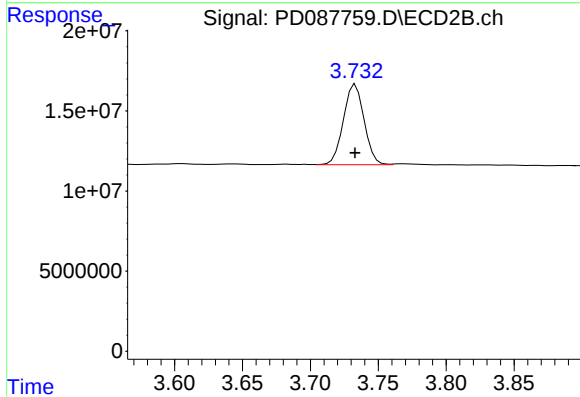
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 56185831
Conc: 3.01 ng/ml



#3 gamma-BHC (Lindane)

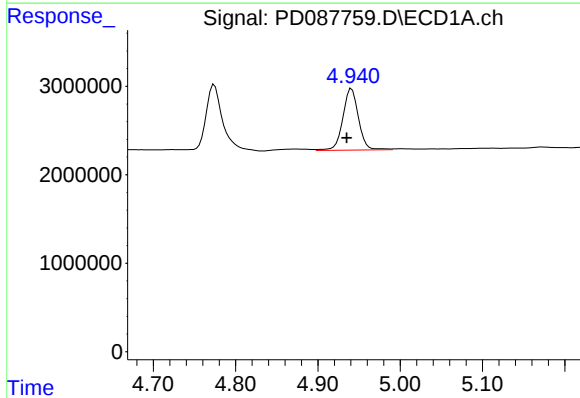
R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 3484410
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



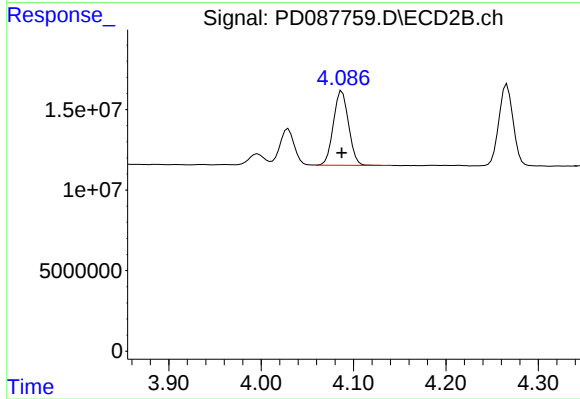
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 53264173
Conc: 3.00 ng/ml



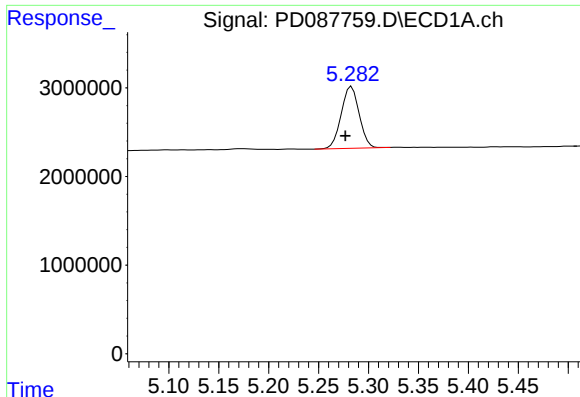
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 9184672
Conc: 2.46 ng/ml



#4 Heptachlor

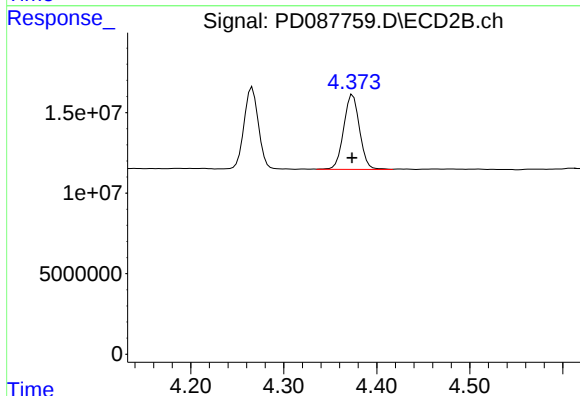
R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 52501665
Conc: 3.03 ng/ml



#5 Aldrin

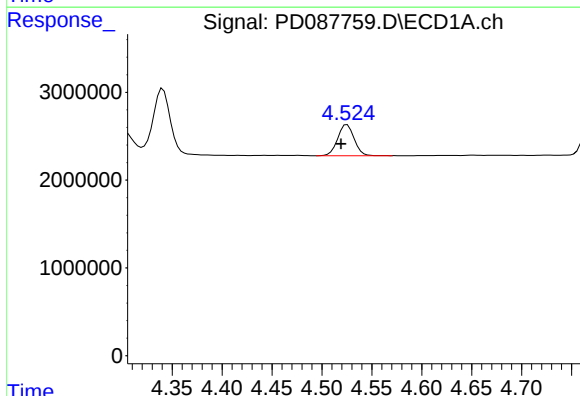
R.T.: 5.283 min
Delta R.T.: 0.006 min
Response: 8758073
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



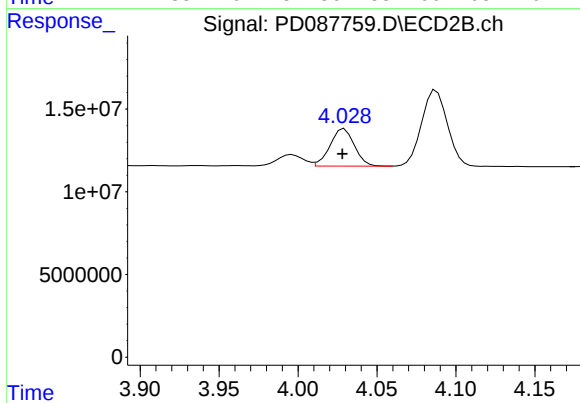
#5 Aldrin

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 54991639
Conc: 3.15 ng/ml



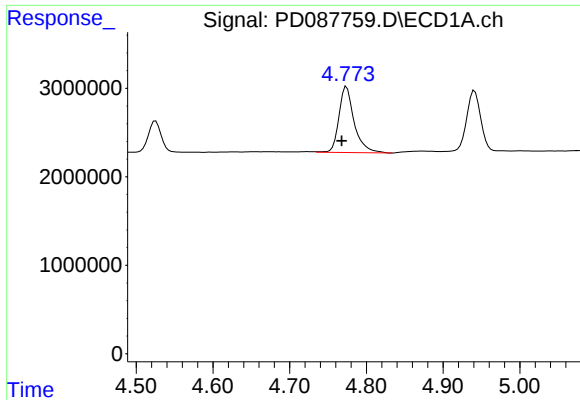
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.006 min
Response: 4098523
Conc: 2.60 ng/ml



#6 beta-BHC

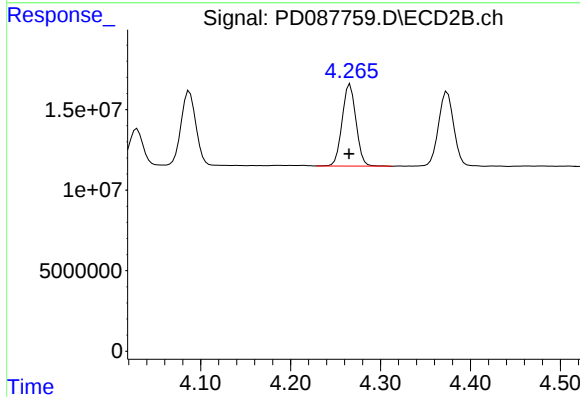
R.T.: 4.029 min
Delta R.T.: 0.001 min
Response: 24454048
Conc: 3.21 ng/ml



#7 delta-BHC

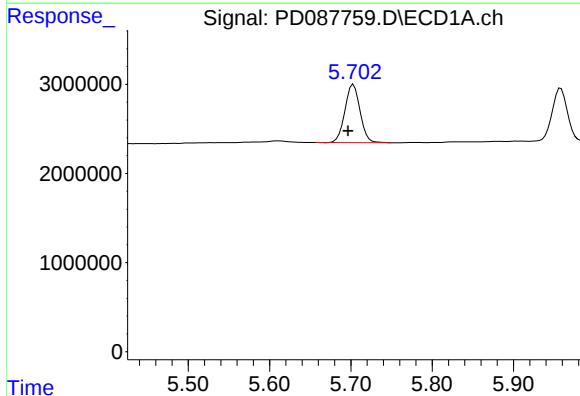
R.T.: 4.774 min
Delta R.T.: 0.006 min
Response: 10305741
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



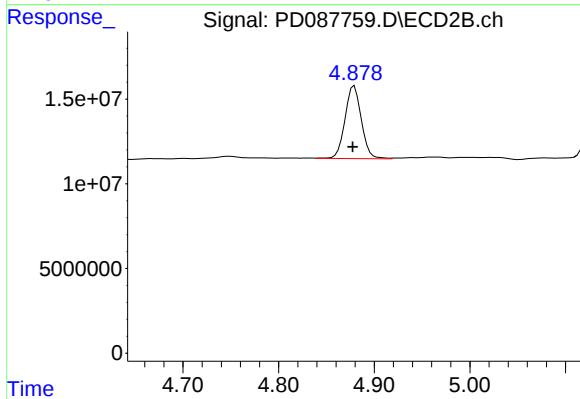
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.001 min
Response: 54560994
Conc: 3.02 ng/ml



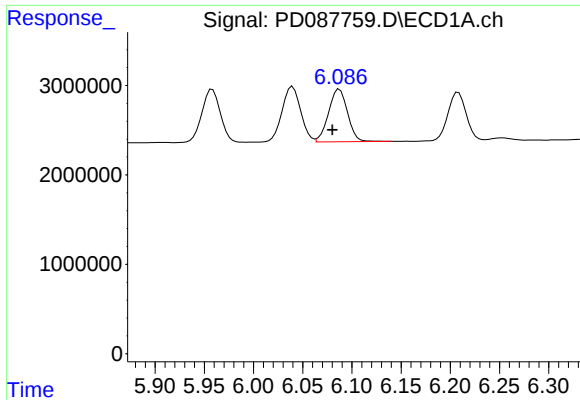
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 8444742
Conc: 2.47 ng/ml



#8 Heptachlor epoxide

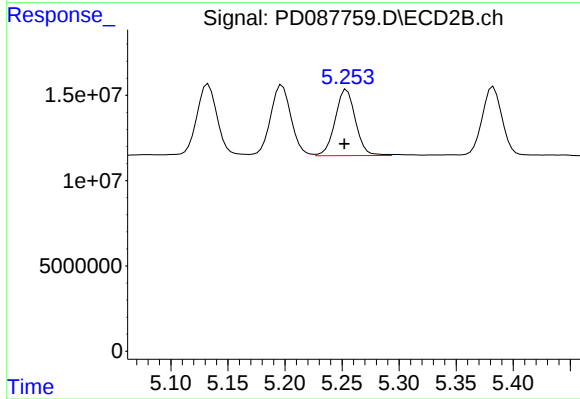
R.T.: 4.879 min
Delta R.T.: 0.002 min
Response: 51089528
Conc: 3.23 ng/ml



#9 Endosulfan I

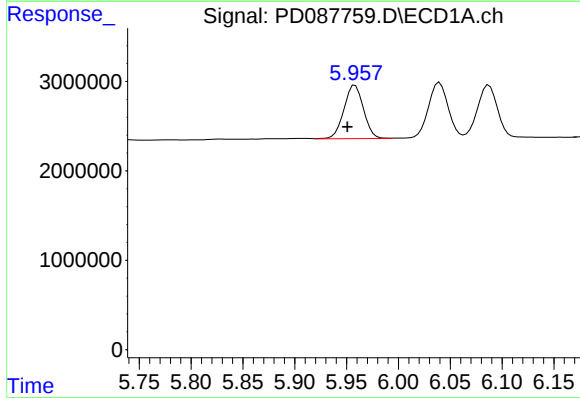
R.T.: 6.087 min
Delta R.T.: 0.007 min
Response: 7913371
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



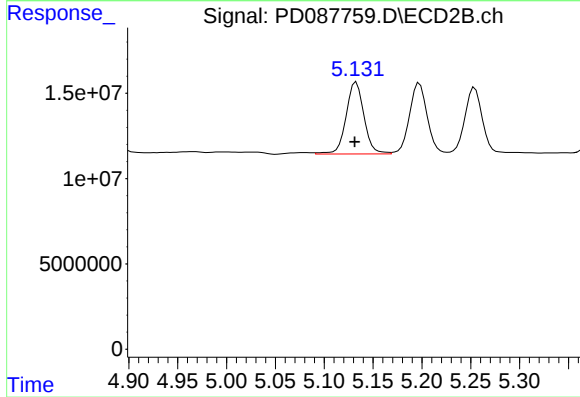
#9 Endosulfan I

R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 48123746
Conc: 3.23 ng/ml



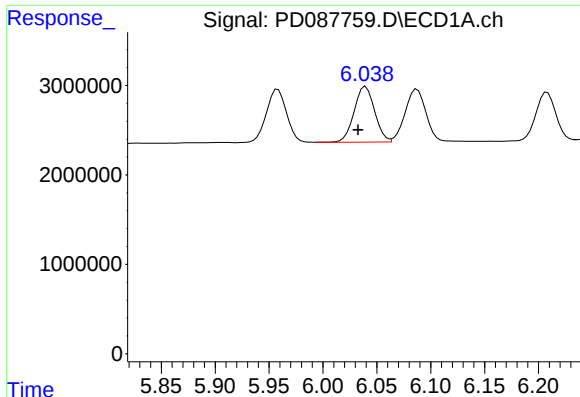
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.007 min
Response: 7863207
Conc: 2.38 ng/ml



#10 gamma-Chlordane

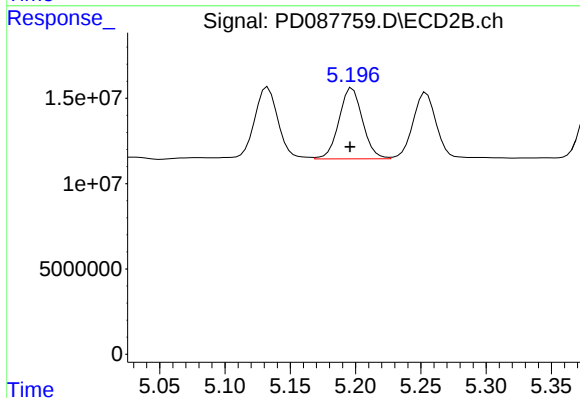
R.T.: 5.133 min
Delta R.T.: 0.002 min
Response: 53845819
Conc: 3.31 ng/ml



#11 alpha-Chlordane

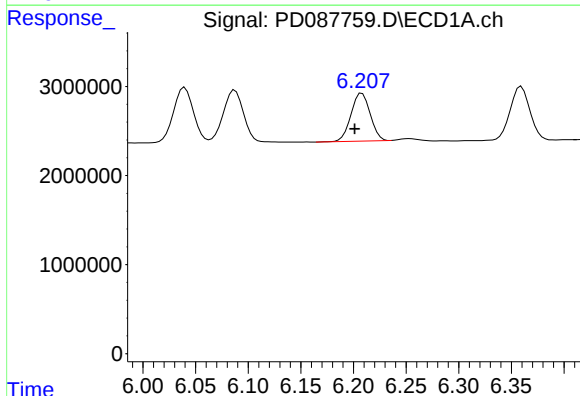
R.T.: 6.040 min
Delta R.T.: 0.007 min
Response: 8251125
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



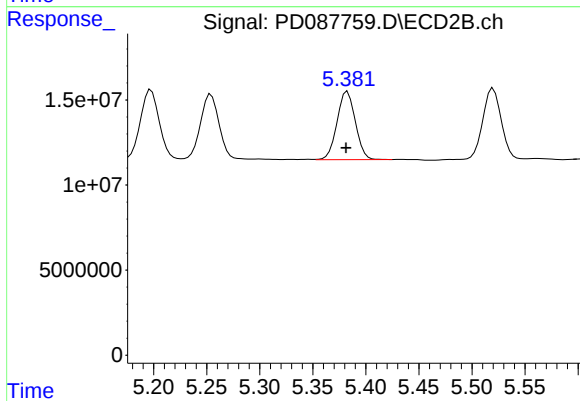
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 52199404
Conc: 3.27 ng/ml



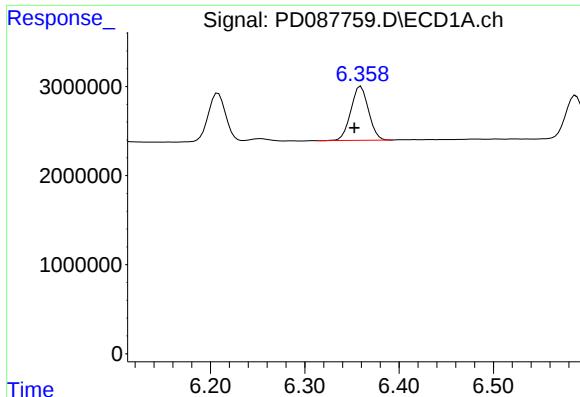
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.007 min
Response: 6850487
Conc: 2.27 ng/ml



#12 4,4'-DDE

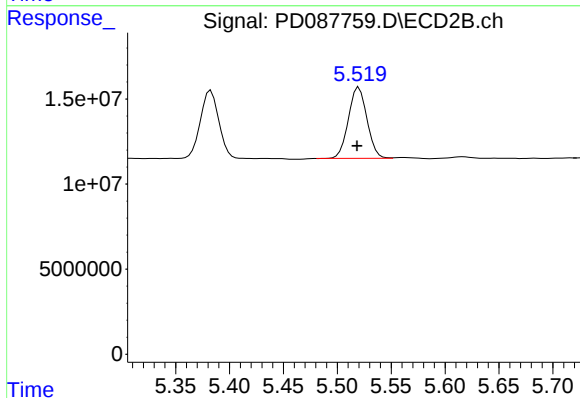
R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 48185710
Conc: 3.06 ng/ml



#13 Dieldrin

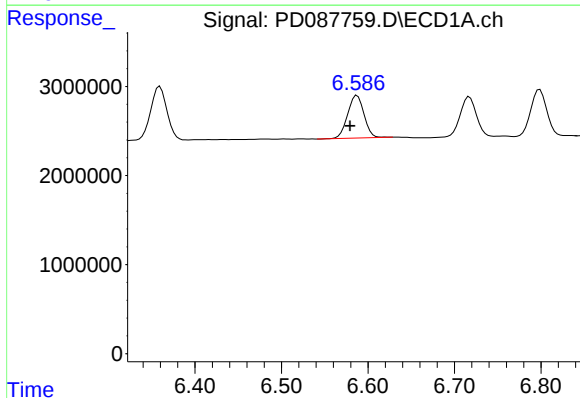
R.T.: 6.359 min
Delta R.T.: 0.007 min
Response: 7882632
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



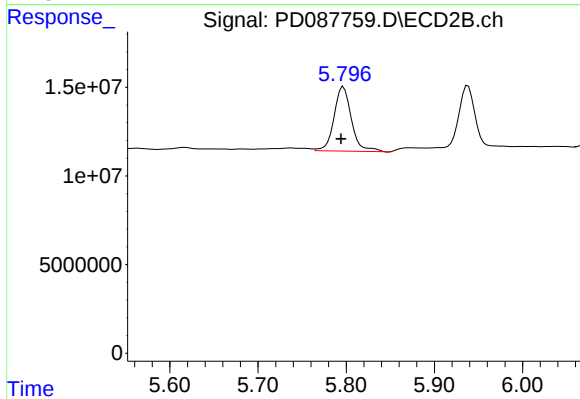
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 50157842
Conc: 3.08 ng/ml



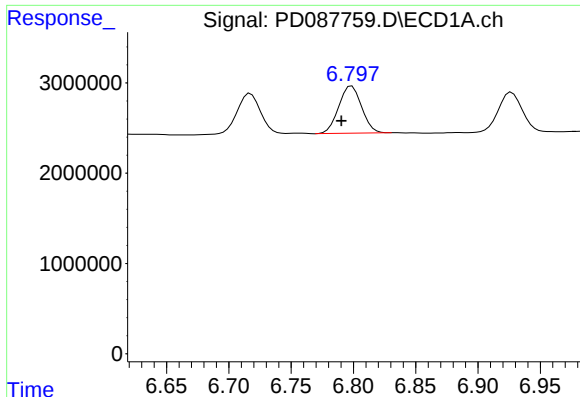
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.008 min
Response: 6279412
Conc: 2.17 ng/ml



#14 Endrin

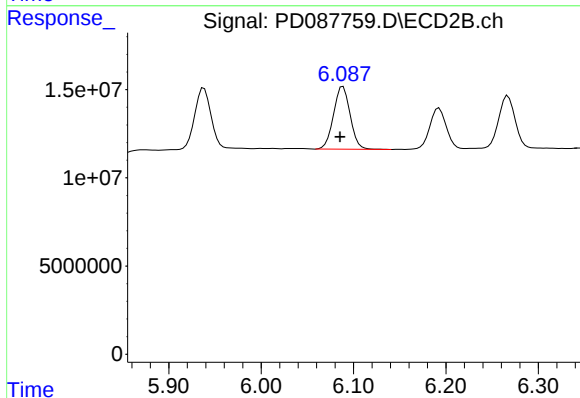
R.T.: 5.797 min
Delta R.T.: 0.003 min
Response: 49597566
Conc: 3.33 ng/ml



#15 Endosulfan II

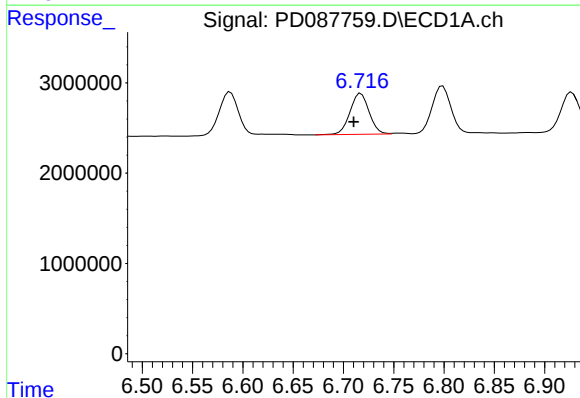
R.T.: 6.799 min
Delta R.T.: 0.008 min
Response: 6720233
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



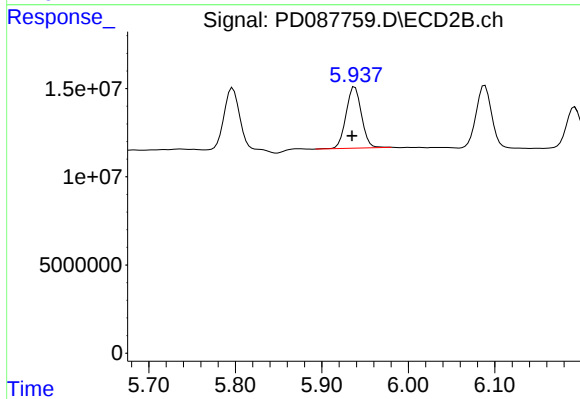
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.003 min
Response: 44423291
Conc: 3.11 ng/ml



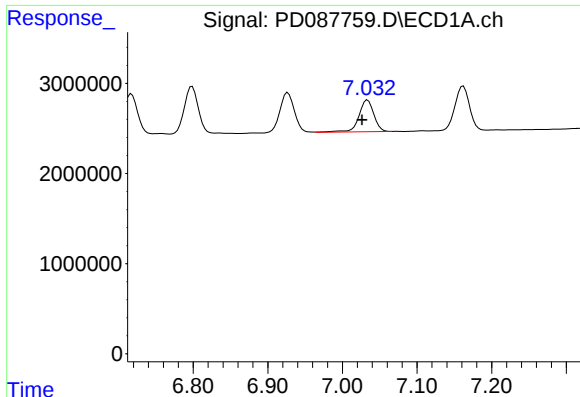
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.007 min
Response: 5997132
Conc: 2.49 ng/ml



#16 4,4'-DDD

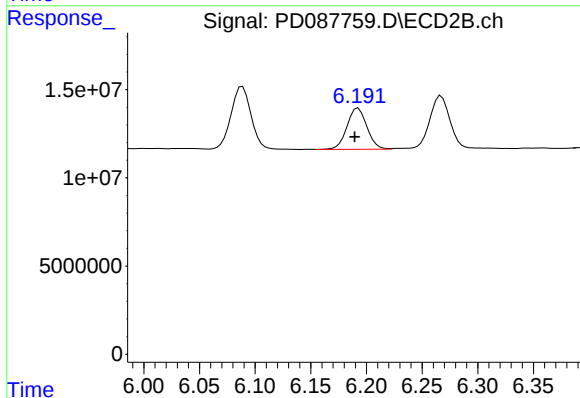
R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 42818032
Conc: 3.24 ng/ml



#17 4,4'-DDT

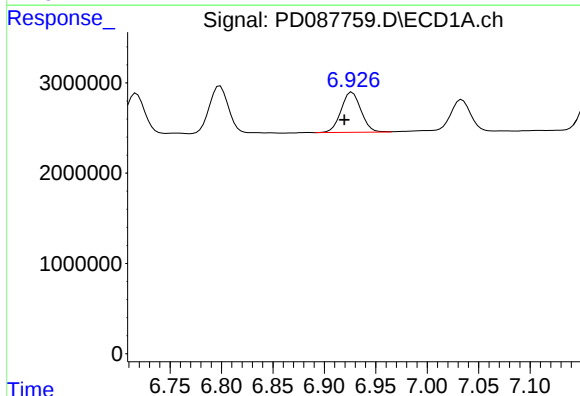
R.T.: 7.034 min
Delta R.T.: 0.007 min
Response: 4906916
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



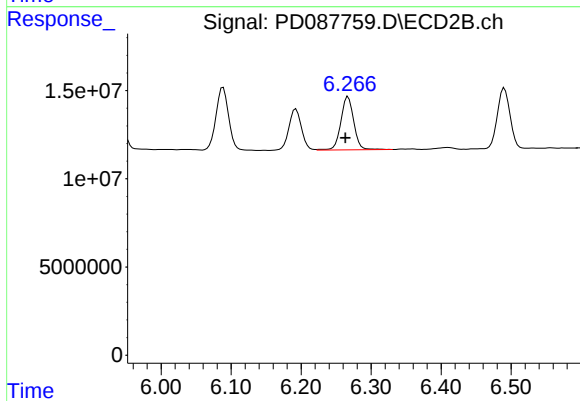
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 29073385
Conc: 2.16 ng/ml



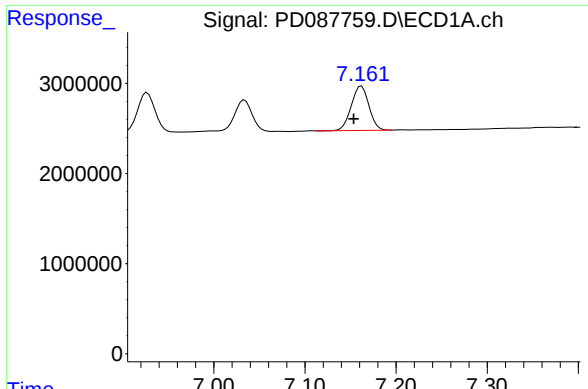
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.008 min
Response: 5990652
Conc: 2.59 ng/ml



#18 Endrin aldehyde

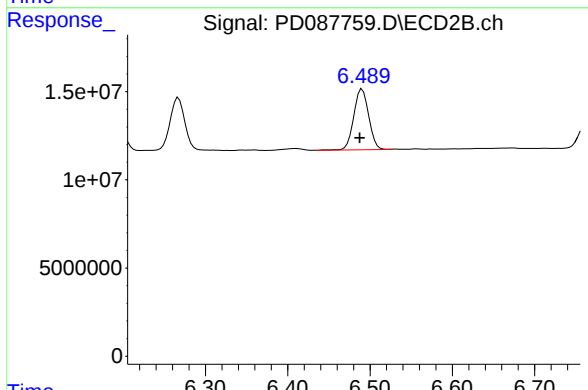
R.T.: 6.267 min
Delta R.T.: 0.004 min
Response: 38587952
Conc: 3.31 ng/ml



#19 Endosulfan Sulfate

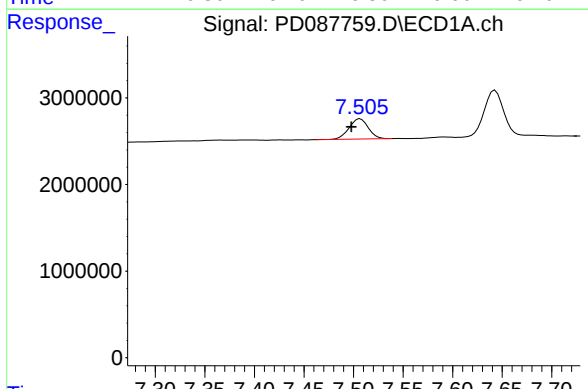
R.T.: 7.162 min
Delta R.T.: 0.008 min
Response: 6592687
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



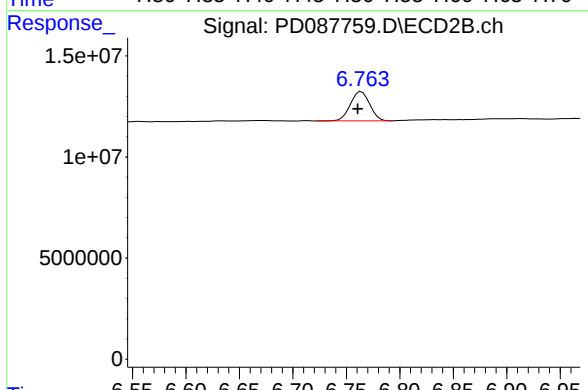
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: 0.003 min
Response: 43478057
Conc: 3.06 ng/ml



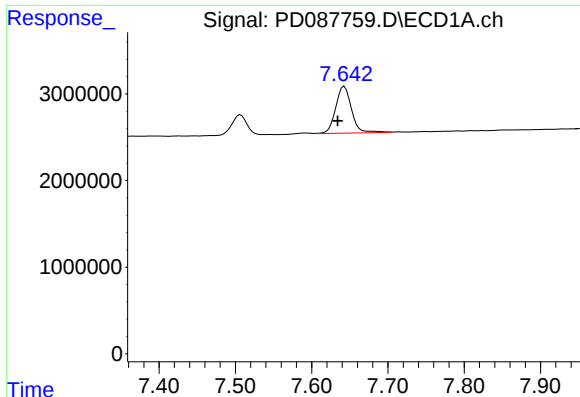
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.009 min
Response: 3188310
Conc: 2.17 ng/ml



#20 Methoxychlor

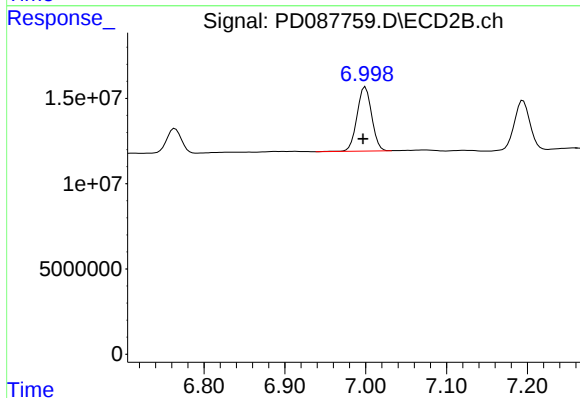
R.T.: 6.764 min
Delta R.T.: 0.003 min
Response: 18251606
Conc: 2.39 ng/ml



#21 Endrin ketone

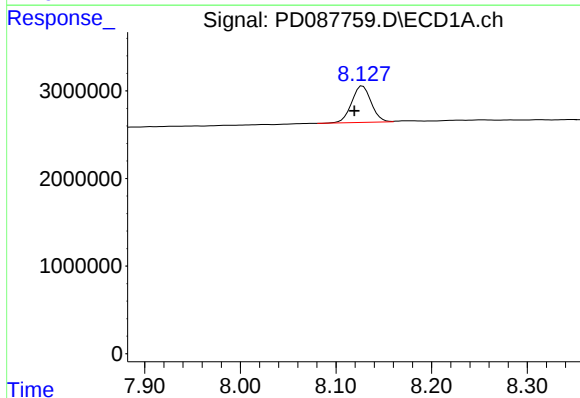
R.T.: 7.643 min
Delta R.T.: 0.008 min
Response: 7792690
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



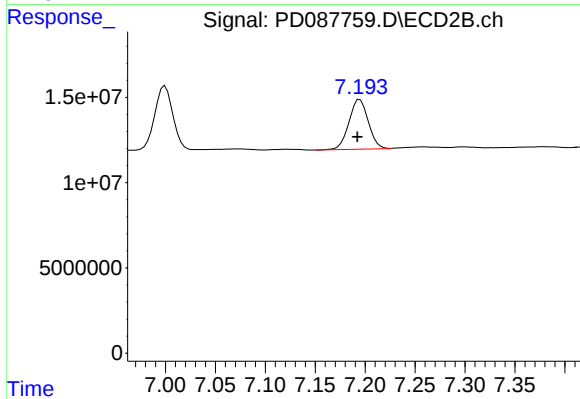
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: 0.003 min
Response: 47337399
Conc: 3.03 ng/ml



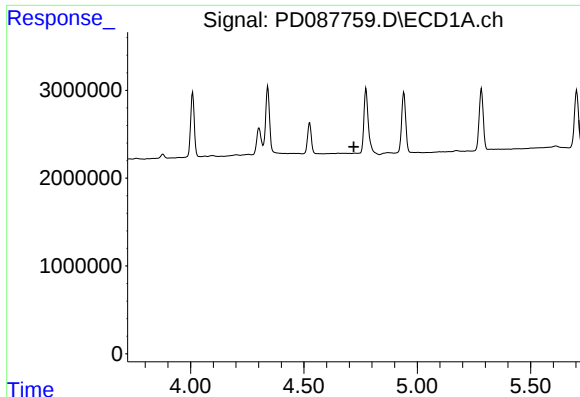
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.009 min
Response: 5912265
Conc: 2.55 ng/ml



#22 Mirex

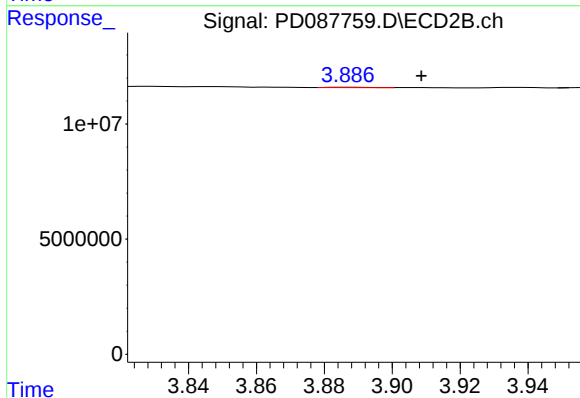
R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 39255527
Conc: 3.10 ng/ml



#23 Chlordane-1

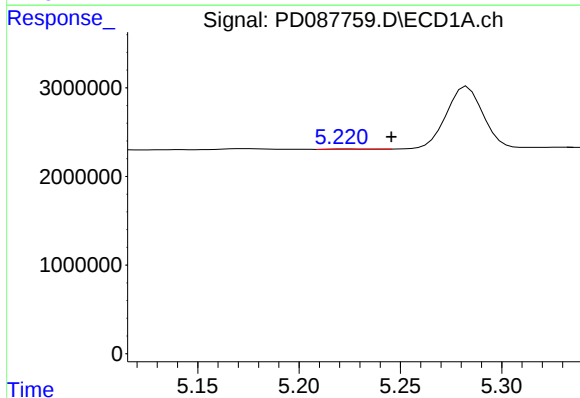
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



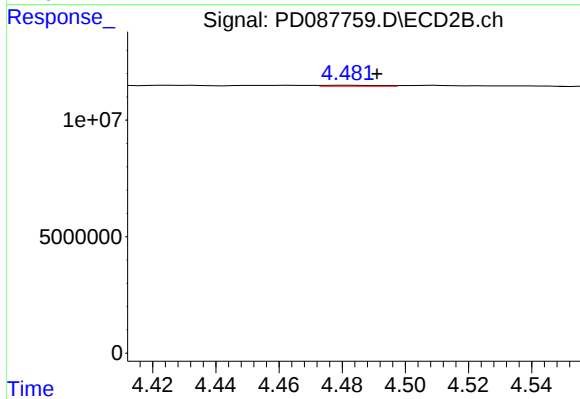
#23 Chlordane-1

R.T.: 3.887 min
Delta R.T.: -0.021 min
Response: 123013
Conc: 0.22 ng/ml



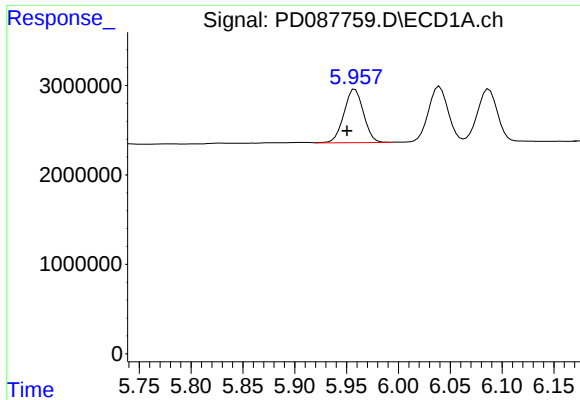
#24 Chlordane-2

R.T.: 5.222 min
Delta R.T.: -0.024 min
Response: 37438
Conc: 0.28 ng/ml



#24 Chlordane-2

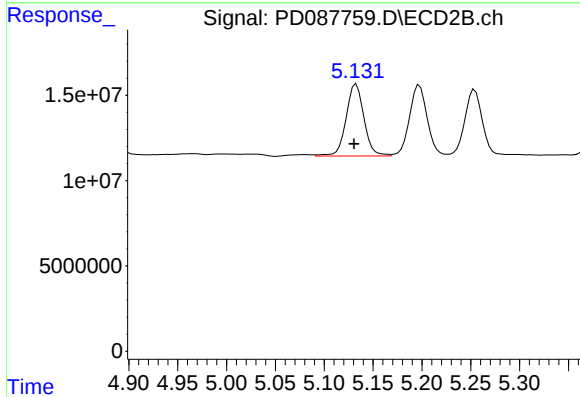
R.T.: 4.482 min
Delta R.T.: -0.009 min
Response: 463778
Conc: 0.78 ng/ml



#25 Chlordane-3

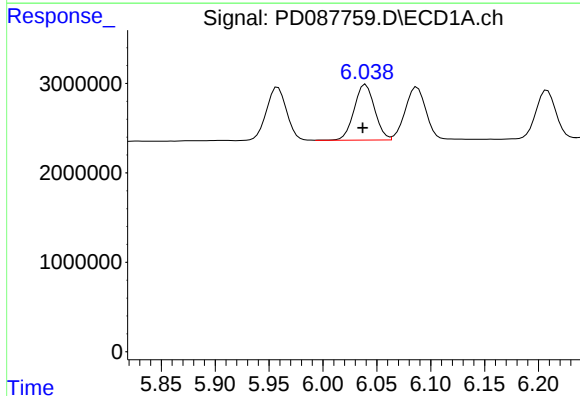
R.T.: 5.958 min
Delta R.T.: 0.008 min
Response: 7863207
Conc: 15.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



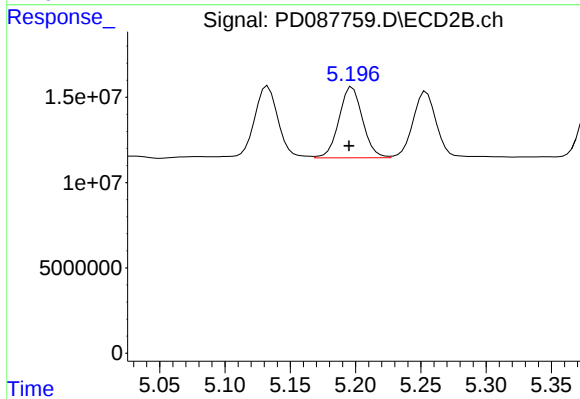
#25 Chlordane-3

R.T.: 5.133 min
Delta R.T.: 0.002 min
Response: 53845819
Conc: 30.85 ng/ml



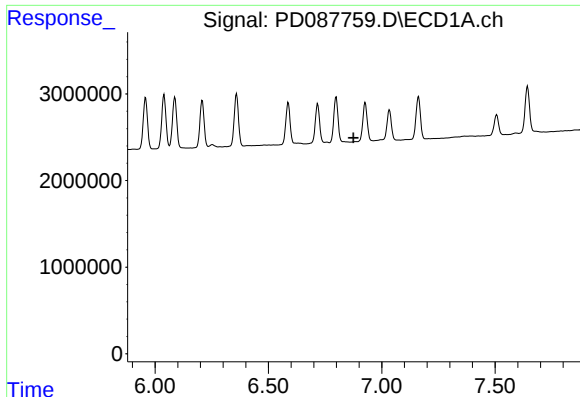
#26 Chlordane-4

R.T.: 6.040 min
Delta R.T.: 0.003 min
Response: 8251125
Conc: 13.58 ng/ml



#26 Chlordane-4

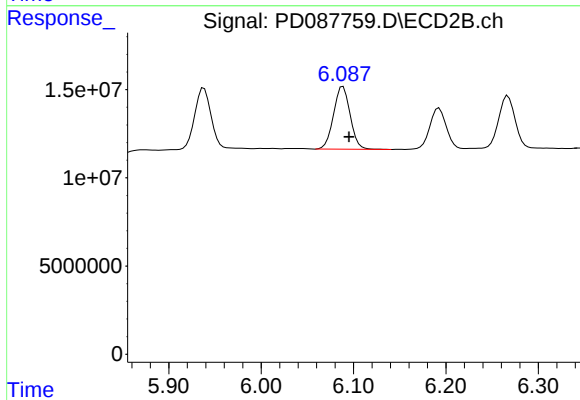
R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 52199404
Conc: 35.38 ng/ml



#27 Chlordane-5

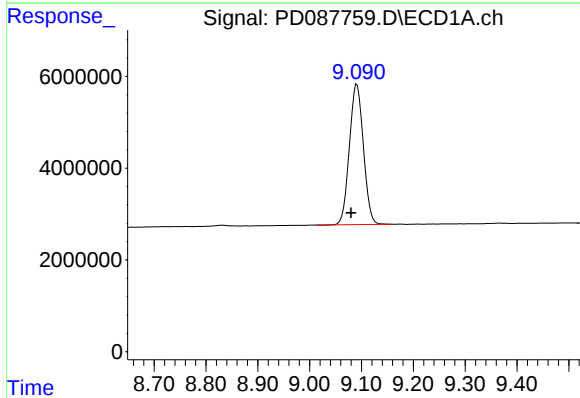
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



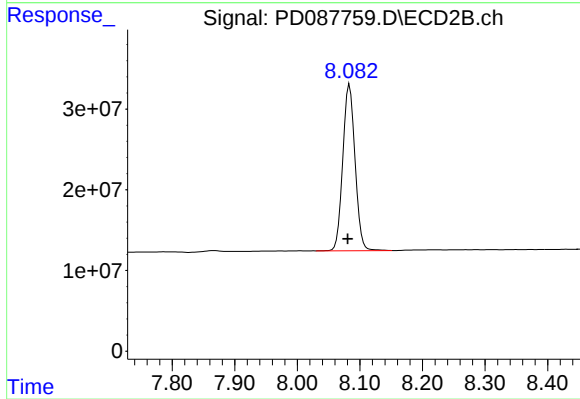
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 44423291
Conc: 67.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.012 min
Response: 57424037
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.003 min
Response: 281850076
Conc: 19.94 ng/ml