

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 14:56
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : CHLOR LOD 25PPB
 ALS Vial : 14 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 04:26:11 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...	3.559	2.882	36731234	244.3E6	18.436	20.313
2)	SA Decachlor...	9.092	8.084	57797947	287.3E6	18.950	20.333
Target Compounds							
2)	A alpha-BHC	4.010	3.385	107600	1036479	0.027	0.055 #
4)	MA Heptachlor	4.936	4.088	11556849	22096757	3.100	1.275 #
5)	MB Aldrin	5.253f	4.386	3639762	54195024	0.951	3.102 #
6)	B beta-BHC	4.507	4.044f	575856	8744010	0.365	1.146 #
7)	B delta-BHC	4.789f	4.268	12877024	10291527	3.192	0.569 #
8)	B Heptachlo...	5.689	0.000	3271977	0	0.957	N.D. #
9)	A Endosulfan I	0.000	5.238	0	13951076	N.D.	0.936 #
10)	B gamma-Chl...	5.958	5.132	13026741	56981191	3.941	3.503
11)	B alpha-Chl...	6.044	5.197	15067119	54147433	4.523	3.394
12)	B 4,4'-DDE	0.000	5.383	0	18073679	N.D.	1.149 #
13)	MA Dieldrin	6.367	5.518	338777	738894	0.100	0.045 #
14)	MA Endrin	6.606f	5.801	63967	21065918	0.022	1.414 #
15)	B Endosulfa...	6.802	6.098	183346	17095696	0.064	1.198 #
16)	A 4,4'-DDD	6.697	5.935	4058587	-1008074	1.686	N.D. #
17)	MA 4,4'-DDT	7.006f	6.192	365287	2643313	0.142	0.196 #
18)	B Endrin al...	6.935f	6.268	404323	4469084	0.175	0.383 #
19)	B Endosulfa...	7.163	6.492	50103	1788114	0.018	0.126 #
20)	A Methoxychlor	7.506	6.762	133281	1690196	0.091	0.221 #
21)	B Endrin ke...	0.000	6.999	0	1623259	N.D.	0.104 #
22)	Mirex	8.132	7.215f	172491	7062540	0.074	0.558 #
23)	Chlordane-1	4.727	3.909	3581724	17909143	28.012	32.199
24)	Chlordane-2	5.253	4.492	3639762	42330085	26.828	71.628 #
25)	Chlordane-3	5.958	5.132	13026741	56981191	25.912	32.646 #
26)	Chlordane-4	6.044	5.197	15067119	54147433	24.790	36.699 #
27)	Chlordane-5	6.884	6.098	1756617	17095696	16.454	26.111 #

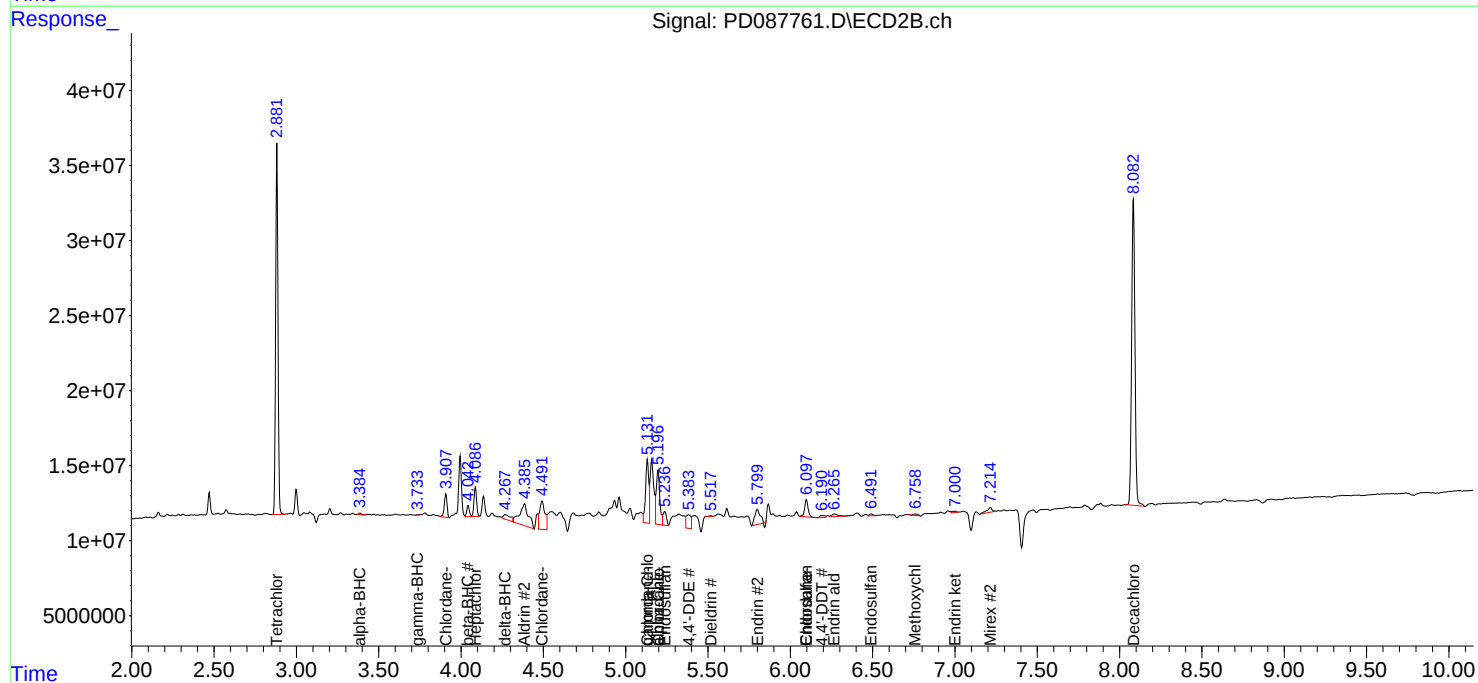
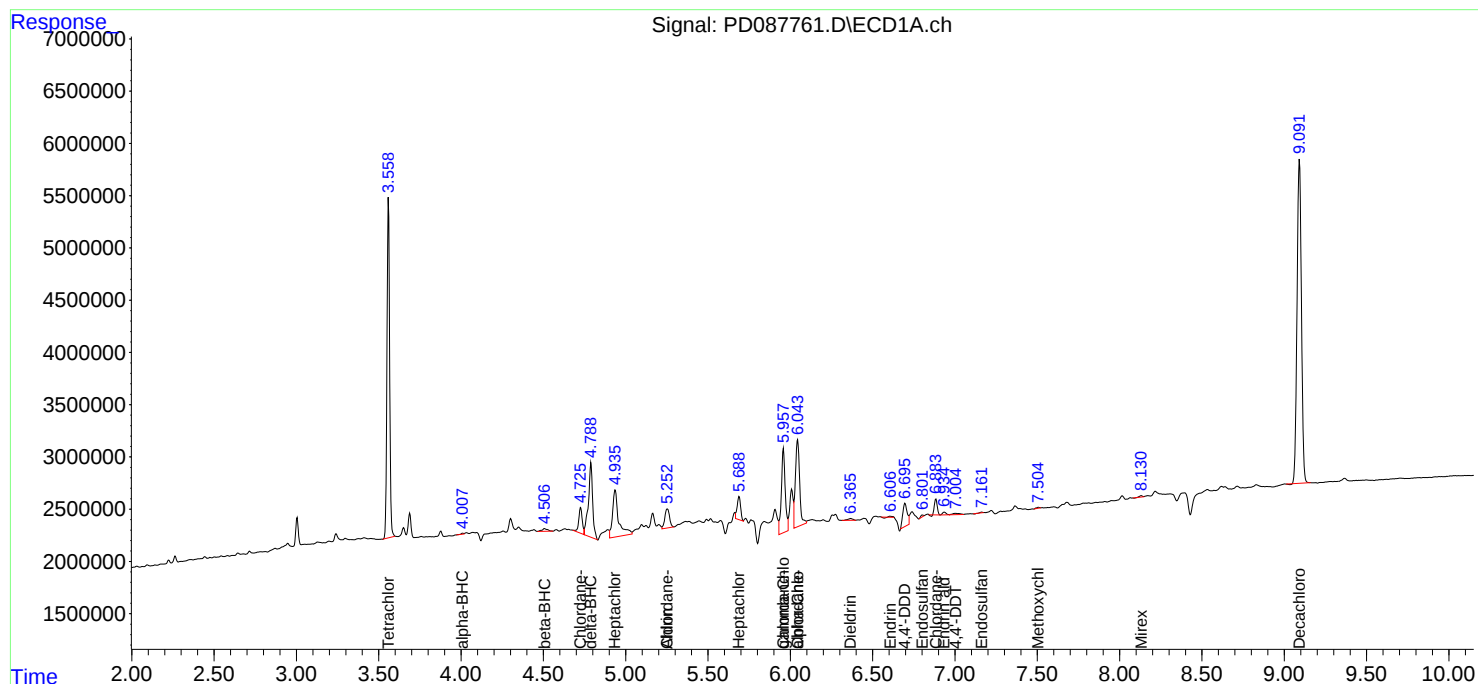
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

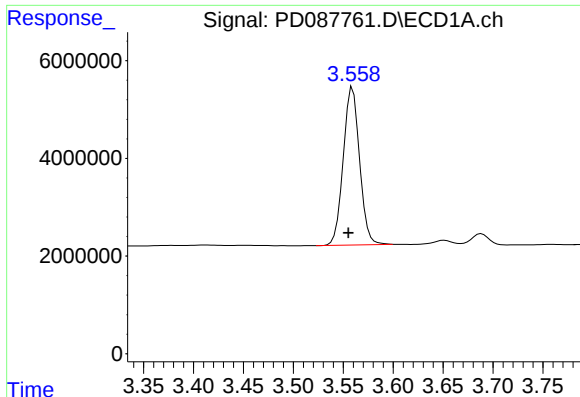
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 14:56
Operator : AR\AJ
Sample : Q1168-07
Misc : CHLOR LOD 25PPB
ALS Vial : 14 Sample Multiplier: 1

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 04:26:11 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

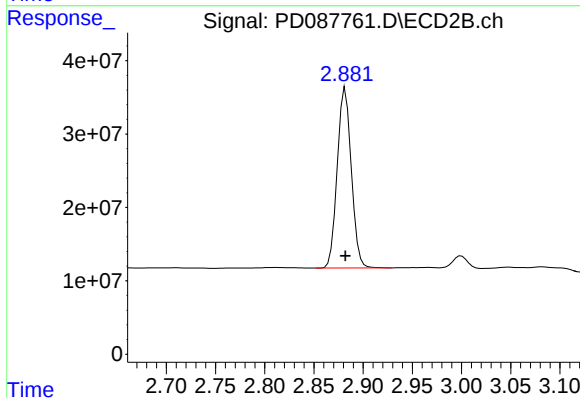




#1 Tetrachloro-m-xylene

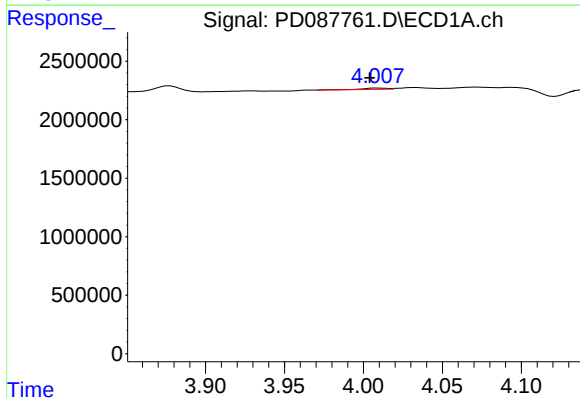
R.T.: 3.559 min
Delta R.T.: 0.004 min
Response: 36731234
Conc: 18.44 ng/ml

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



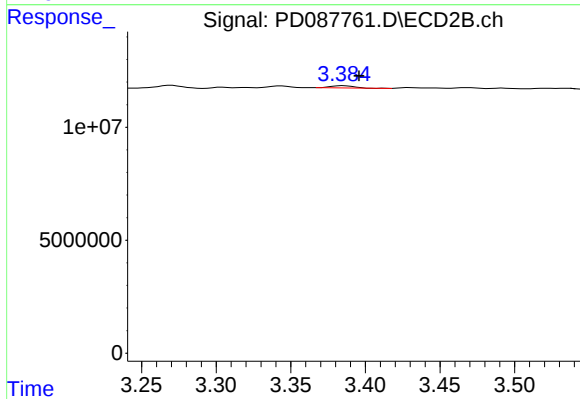
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 244298706
Conc: 20.31 ng/ml



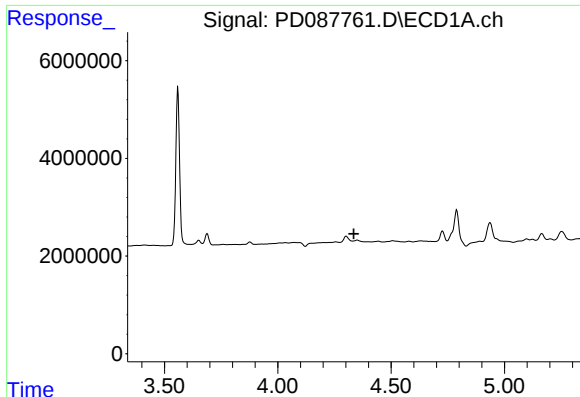
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.006 min
Response: 107600
Conc: 0.03 ng/ml



#2 alpha-BHC

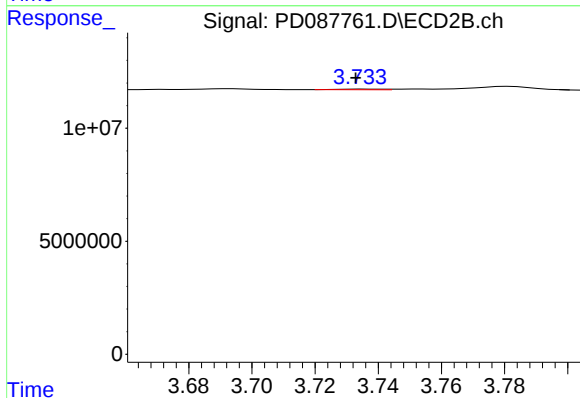
R.T.: 3.385 min
Delta R.T.: -0.010 min
Response: 1036479
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

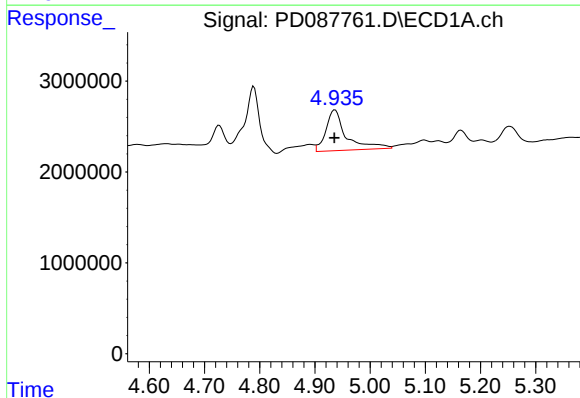
R.T.: 4.350 min
Delta R.T.: 0.015 min
Response: -84314
Conc: N.D.

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



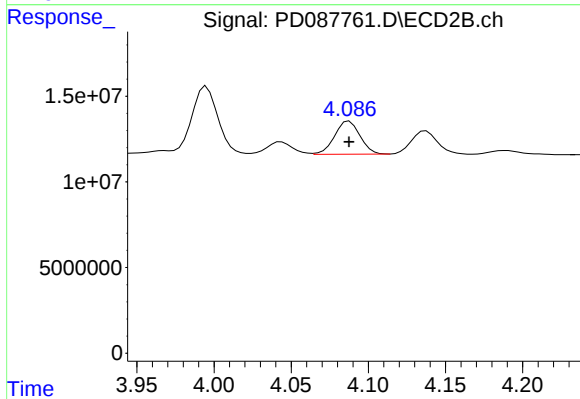
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.002 min
Response: 285731
Conc: 0.02 ng/ml



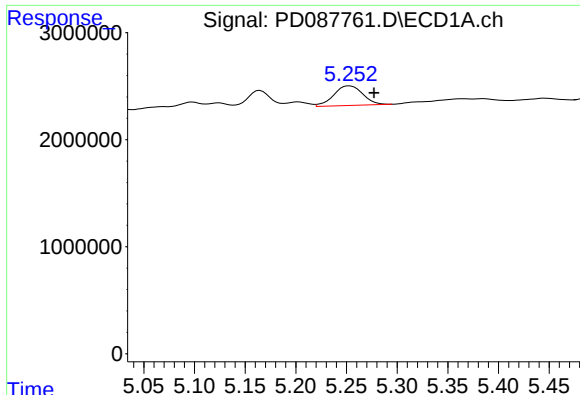
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.001 min
Response: 11556849
Conc: 3.10 ng/ml



#4 Heptachlor

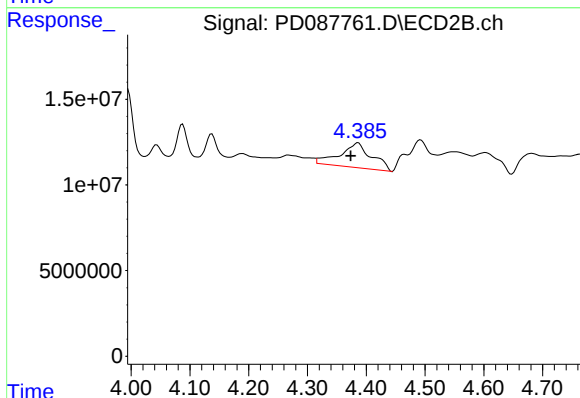
R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 22096757
Conc: 1.28 ng/ml



#5 Aldrin

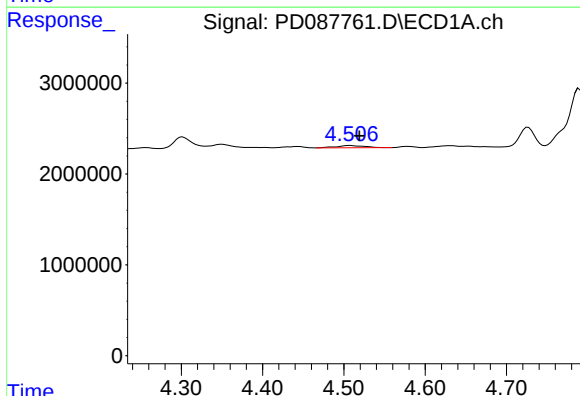
R.T.: 5.253 min
Delta R.T.: -0.024 min
Response: 3639762
Conc: 0.95 ng/ml

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



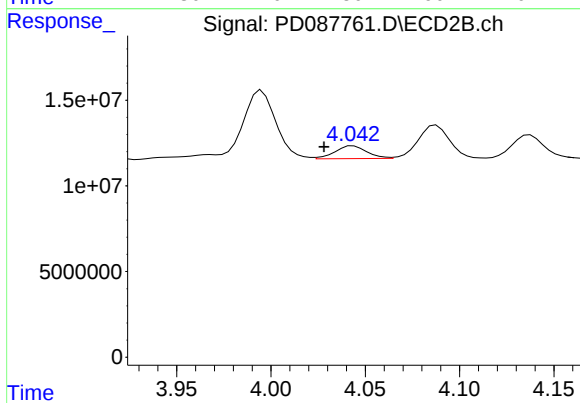
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: 0.013 min
Response: 54195024
Conc: 3.10 ng/ml



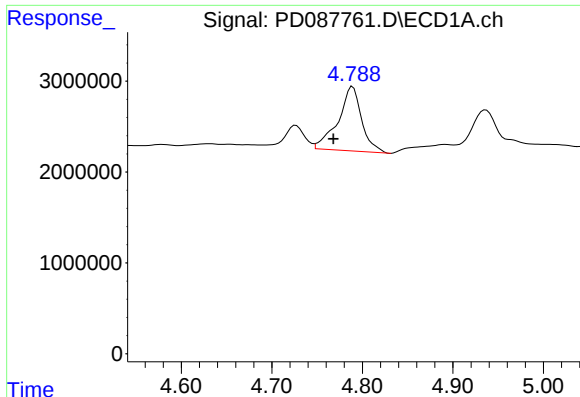
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: -0.012 min
Response: 575856
Conc: 0.36 ng/ml



#6 beta-BHC

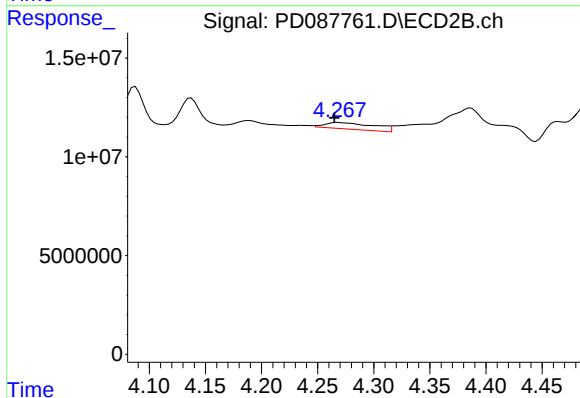
R.T.: 4.044 min
Delta R.T.: 0.016 min
Response: 8744010
Conc: 1.15 ng/ml



#7 delta-BHC

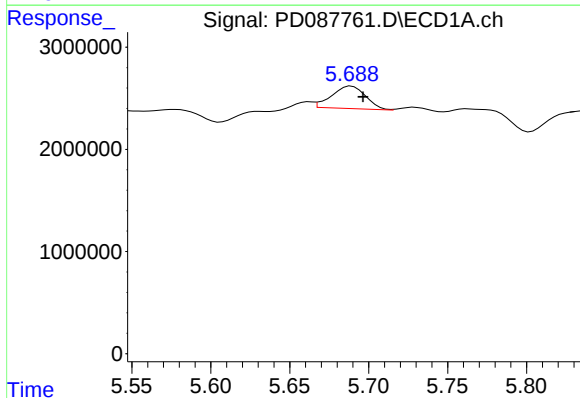
R.T.: 4.789 min
Delta R.T.: 0.021 min
Response: 12877024
Conc: 3.19 ng/ml

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



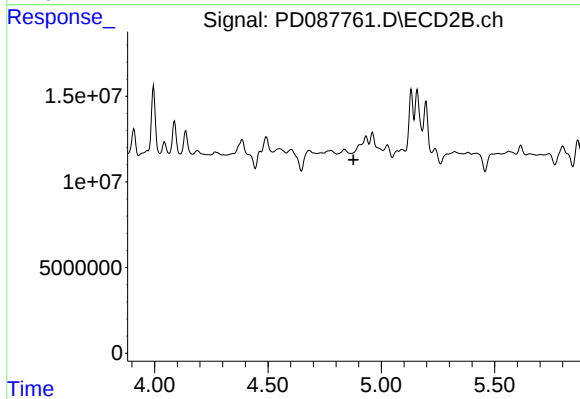
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.003 min
Response: 10291527
Conc: 0.57 ng/ml



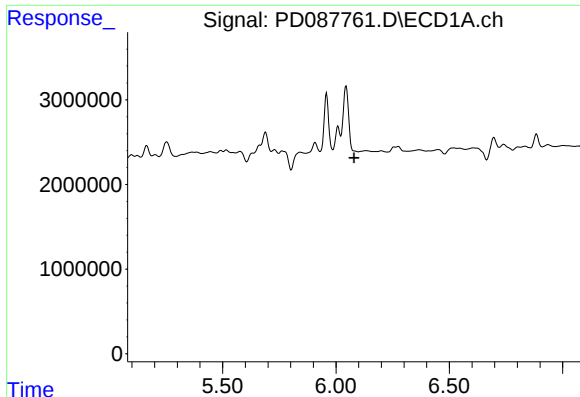
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 3271977
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.878 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

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

#9 Endosulfan I

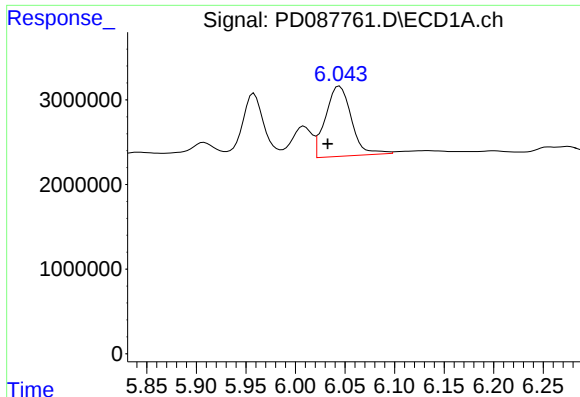
R.T.: 5.238 min
Delta R.T.: -0.015 min
Response: 13951076
Conc: 0.94 ng/ml

#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.007 min
Response: 13026741
Conc: 3.94 ng/ml

#10 gamma-Chlordane

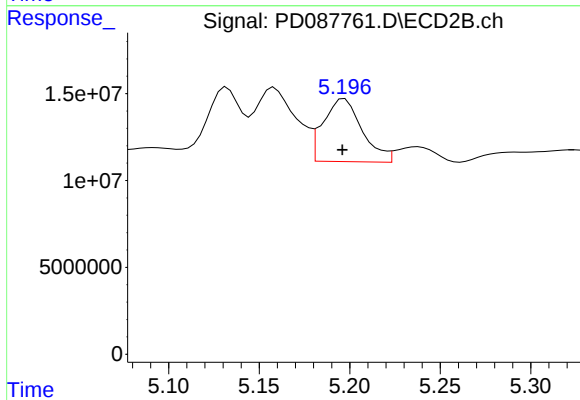
R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 56981191
Conc: 3.50 ng/ml



#11 alpha-Chlordane

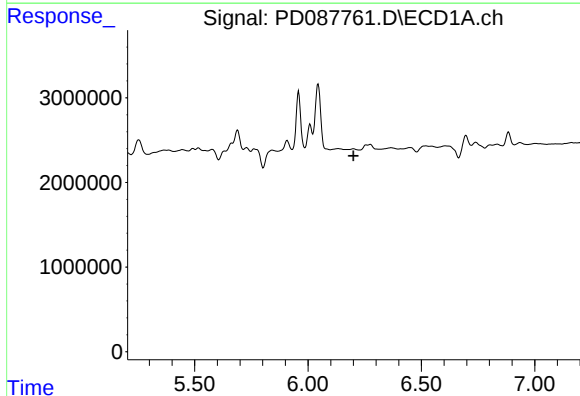
R.T.: 6.044 min
Delta R.T.: 0.012 min
Response: 15067119
Conc: 4.52 ng/ml

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



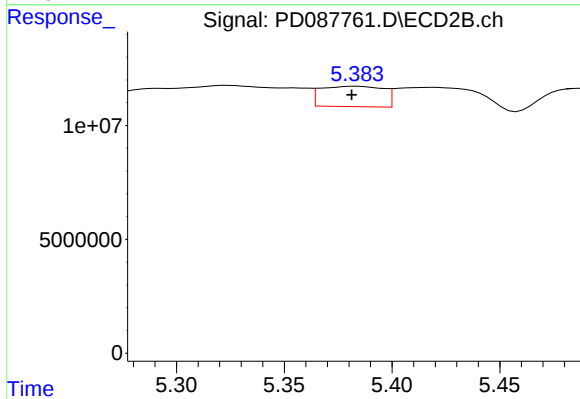
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.001 min
Response: 54147433
Conc: 3.39 ng/ml



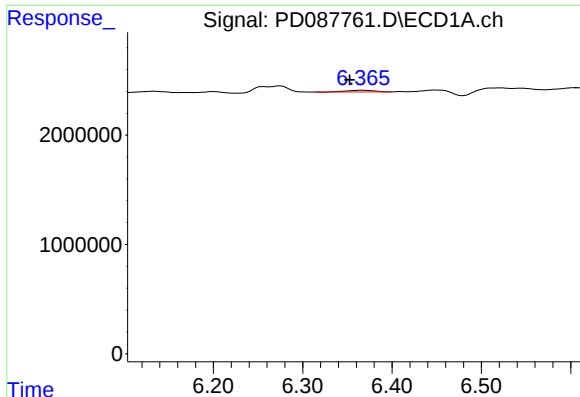
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.201 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

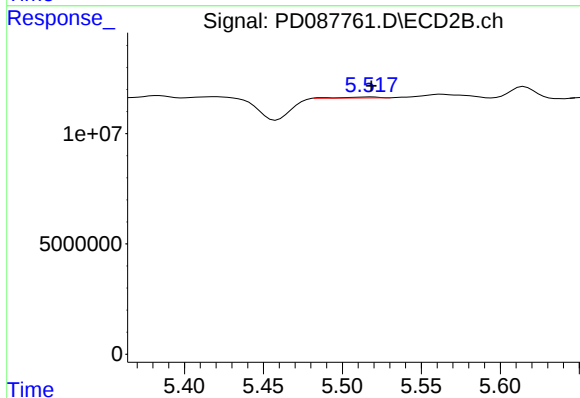
R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 18073679
Conc: 1.15 ng/ml



#13 Dieldrin

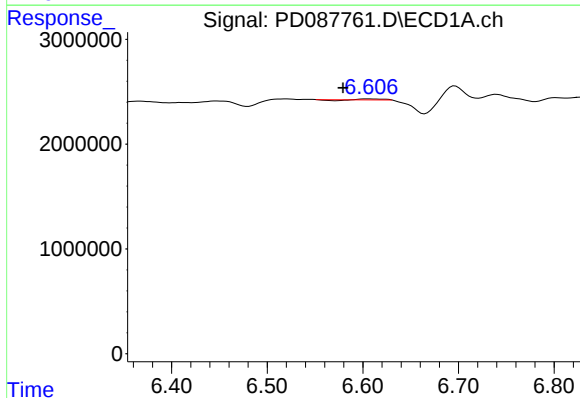
R.T.: 6.367 min
Delta R.T.: 0.014 min
Response: 338777
Conc: 0.10 ng/ml

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



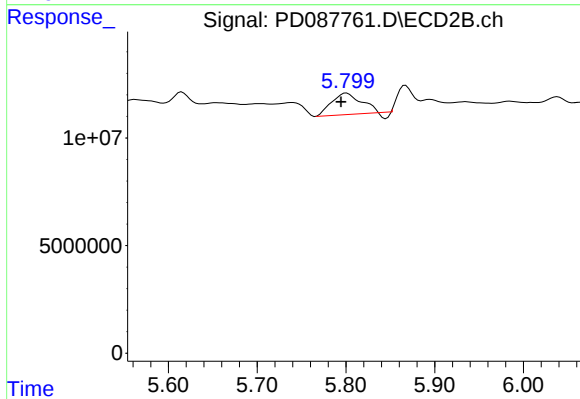
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 738894
Conc: 0.05 ng/ml



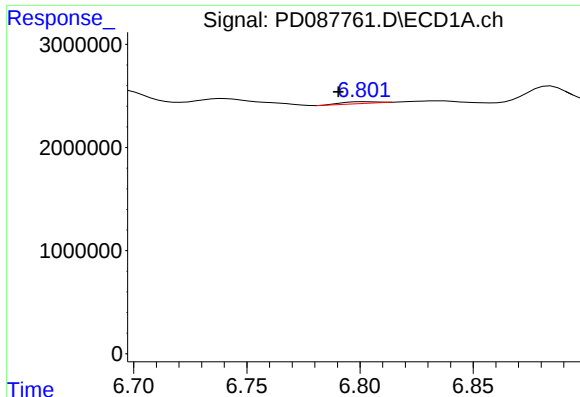
#14 Endrin

R.T.: 6.606 min
Delta R.T.: 0.026 min
Response: 63967
Conc: 0.02 ng/ml



#14 Endrin

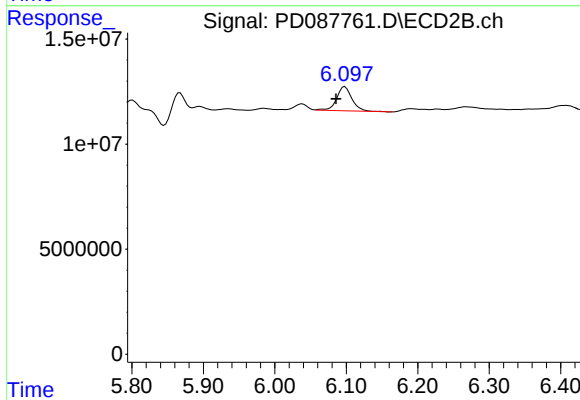
R.T.: 5.801 min
Delta R.T.: 0.006 min
Response: 21065918
Conc: 1.41 ng/ml



#15 Endosulfan II

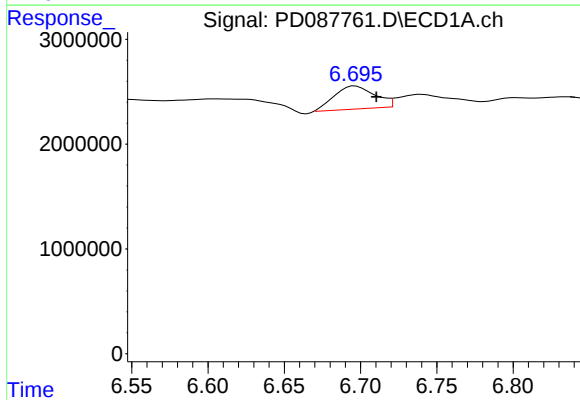
R.T.: 6.802 min
Delta R.T.: 0.012 min
Response: 183346
Conc: 0.06 ng/ml

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



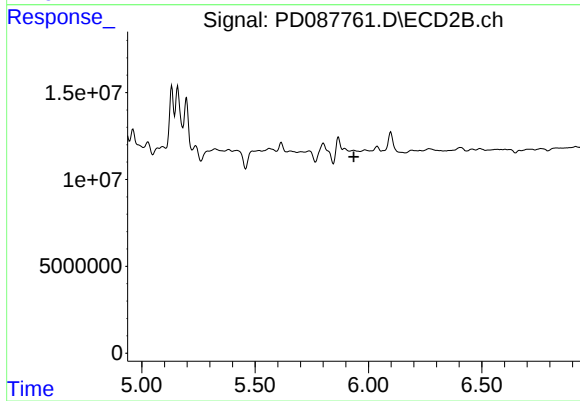
#15 Endosulfan II

R.T.: 6.098 min
Delta R.T.: 0.013 min
Response: 17095696
Conc: 1.20 ng/ml



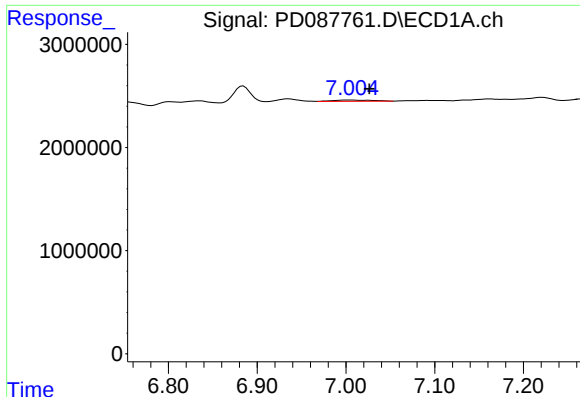
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 4058587
Conc: 1.69 ng/ml



#16 4,4'-DDD

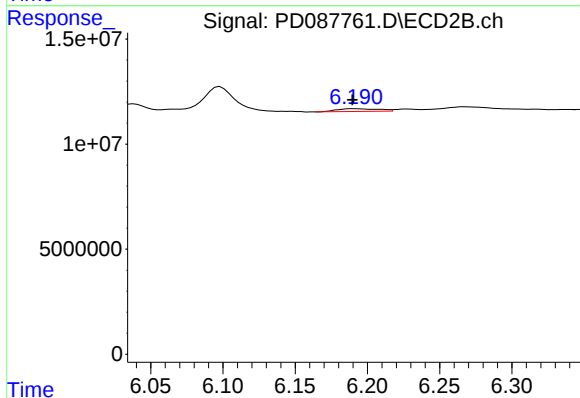
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: -1008074
Conc: N.D.



#17 4,4'-DDT

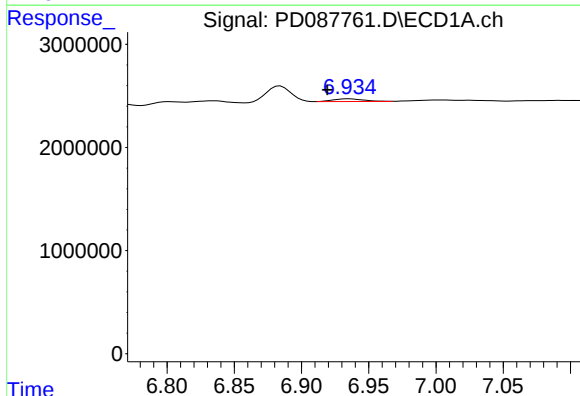
R.T.: 7.006 min
Delta R.T.: -0.020 min
Response: 365287
Conc: 0.14 ng/ml

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



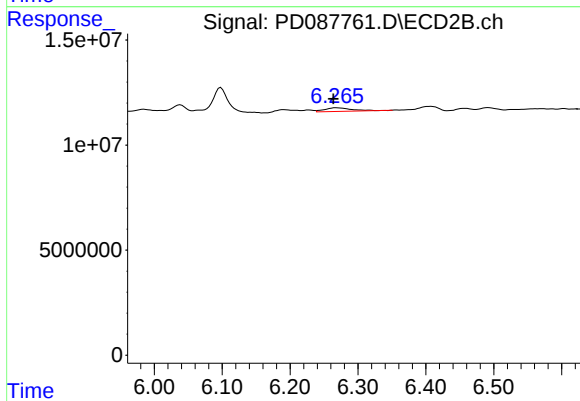
#17 4,4'-DDT

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 2643313
Conc: 0.20 ng/ml



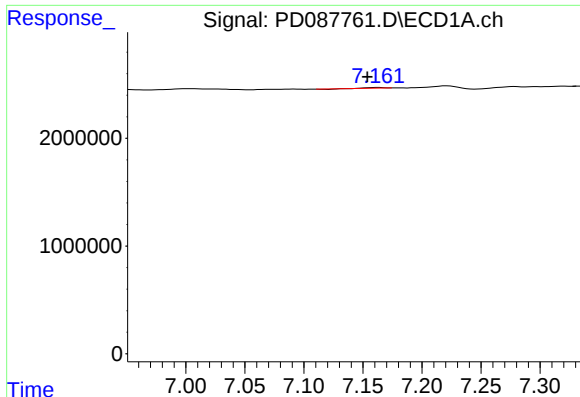
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.016 min
Response: 404323
Conc: 0.17 ng/ml



#18 Endrin aldehyde

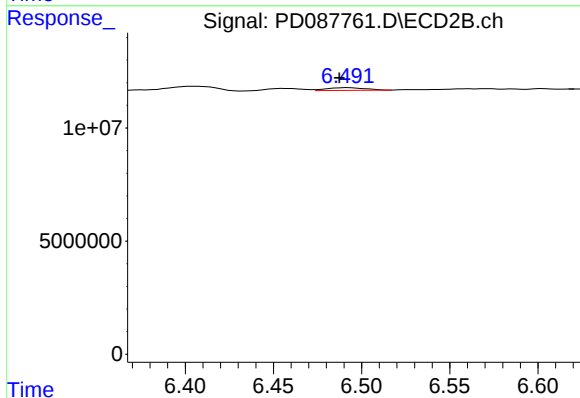
R.T.: 6.268 min
Delta R.T.: 0.004 min
Response: 4469084
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

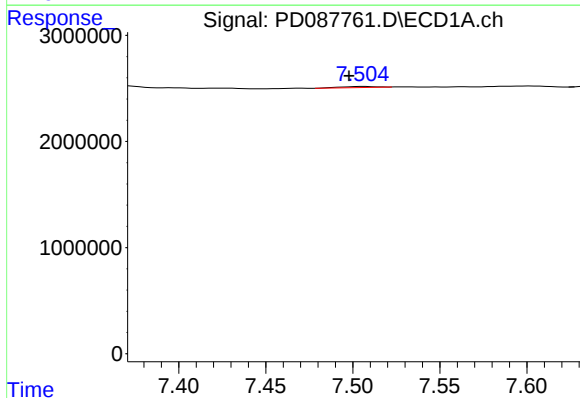
R.T.: 7.163 min
Delta R.T.: 0.009 min
Response: 50103
Conc: 0.02 ng/ml

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



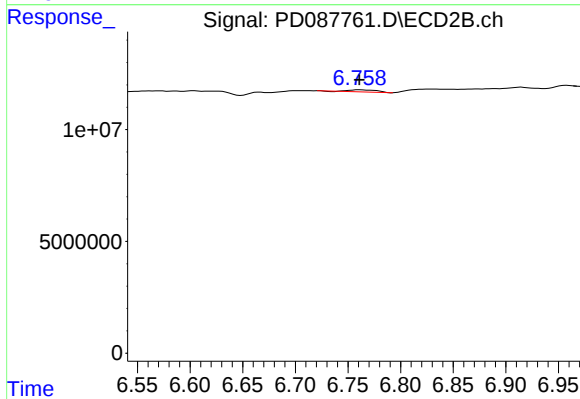
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.005 min
Response: 1788114
Conc: 0.13 ng/ml



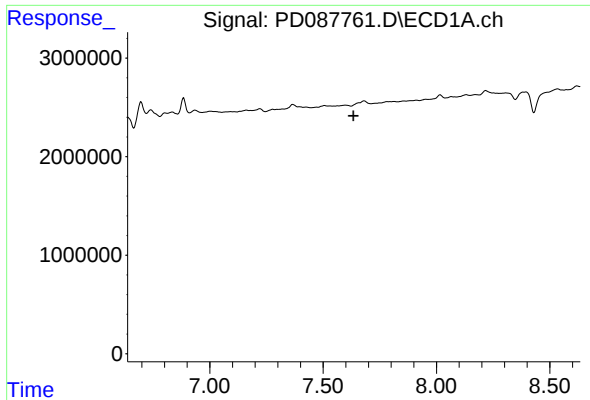
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.009 min
Response: 133281
Conc: 0.09 ng/ml



#20 Methoxychlor

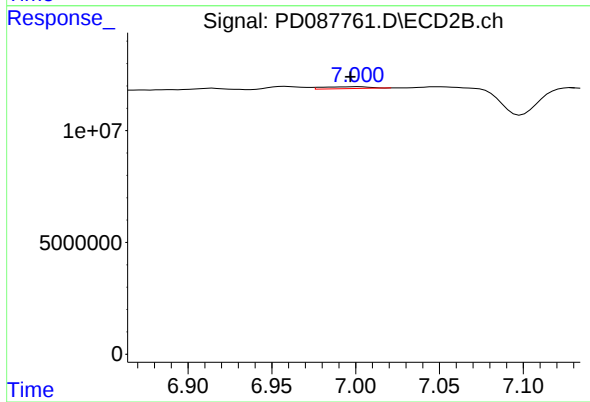
R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 1690196
Conc: 0.22 ng/ml



#21 Endrin ketone

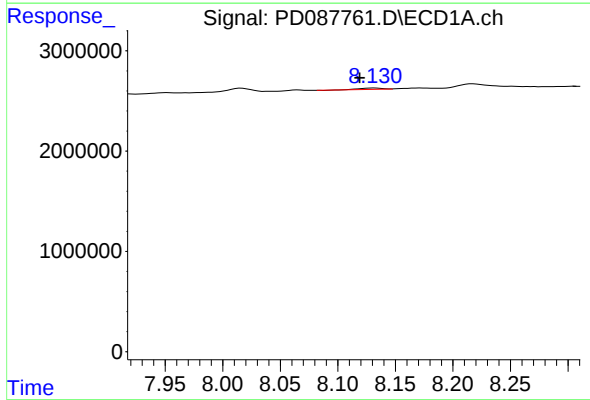
R.T.: 0.000 min
Exp R.T.: 7.634 min
Response: 0
Conc: N.D.

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



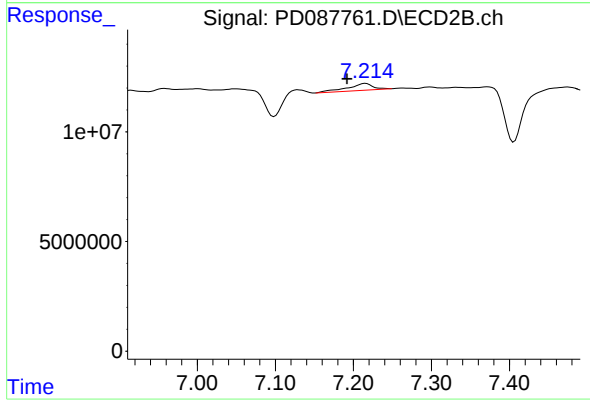
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 1623259
Conc: 0.10 ng/ml



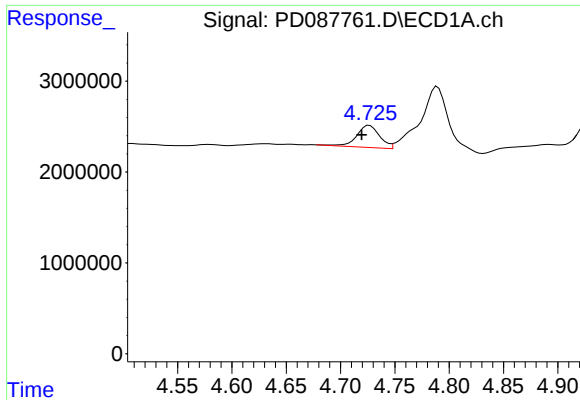
#22 Mirex

R.T.: 8.132 min
Delta R.T.: 0.012 min
Response: 172491
Conc: 0.07 ng/ml



#22 Mirex

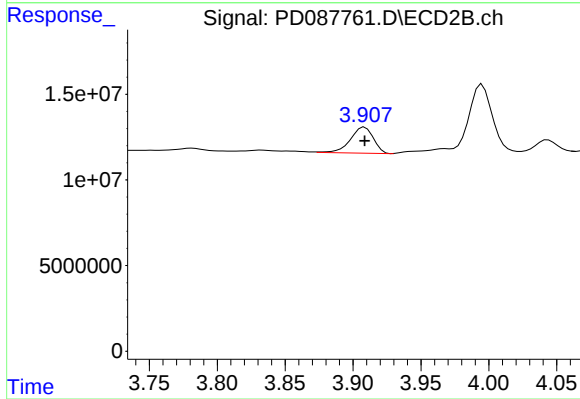
R.T.: 7.215 min
Delta R.T.: 0.023 min
Response: 7062540
Conc: 0.56 ng/ml



#23 Chlordane-1

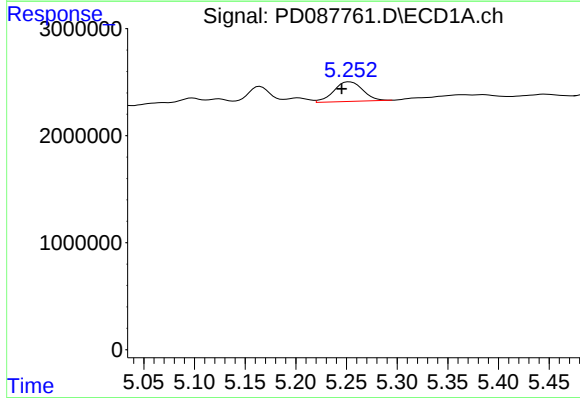
R.T.: 4.727 min
Delta R.T.: 0.007 min
Response: 3581724
Conc: 28.01 ng/ml

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



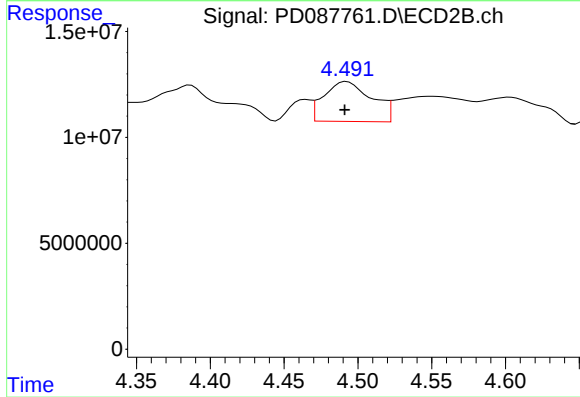
#23 Chlordane-1

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 17909143
Conc: 32.20 ng/ml



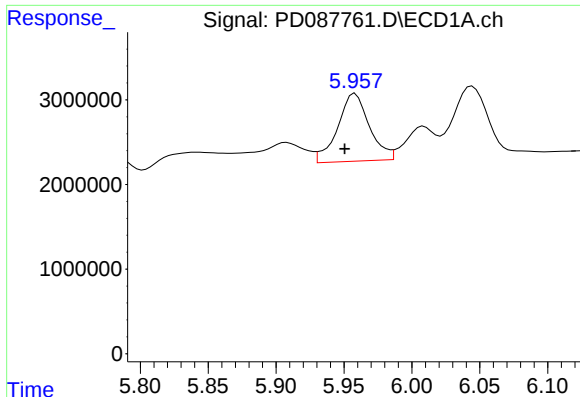
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.008 min
Response: 3639762
Conc: 26.83 ng/ml



#24 Chlordane-2

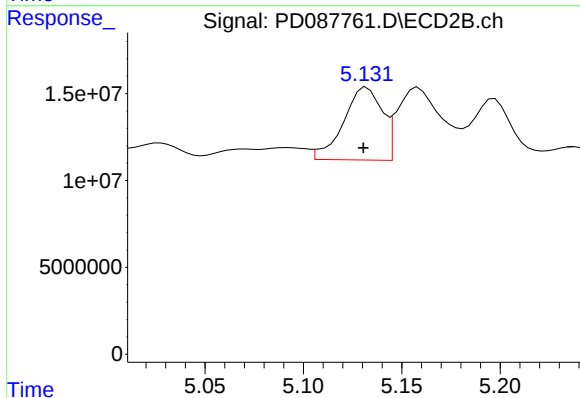
R.T.: 4.492 min
Delta R.T.: 0.001 min
Response: 42330085
Conc: 71.63 ng/ml



#25 Chlordane-3

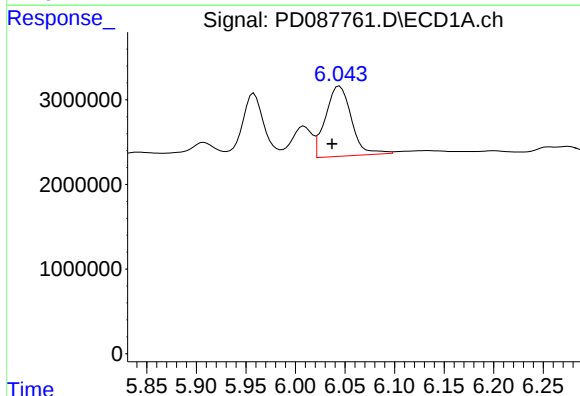
R.T.: 5.958 min
Delta R.T.: 0.008 min
Response: 13026741
Conc: 25.91 ng/ml

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



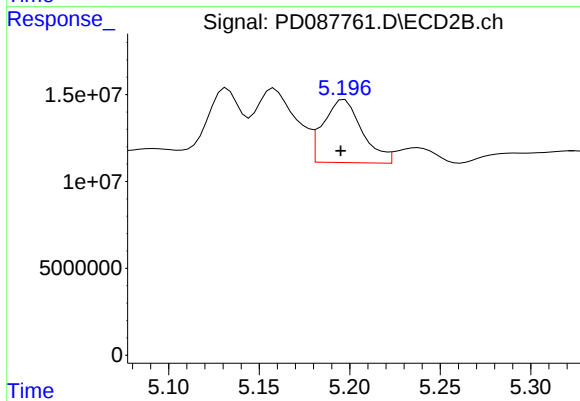
#25 Chlordane-3

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 56981191
Conc: 32.65 ng/ml



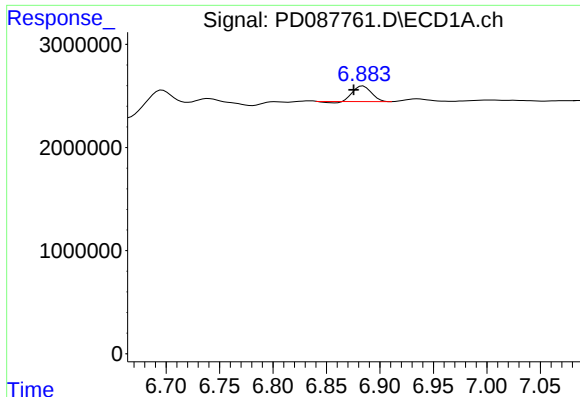
#26 Chlordane-4

R.T.: 6.044 min
Delta R.T.: 0.008 min
Response: 15067119
Conc: 24.79 ng/ml



#26 Chlordane-4

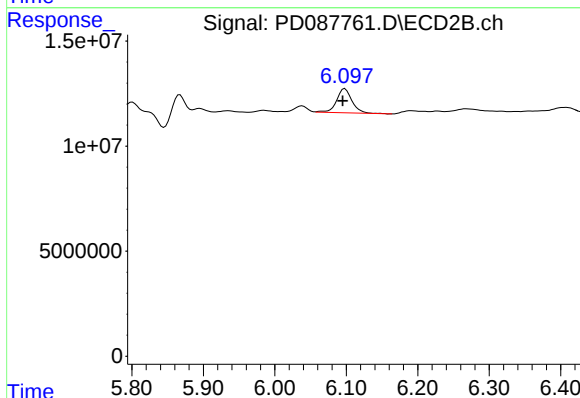
R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 54147433
Conc: 36.70 ng/ml



#27 Chlordane-5

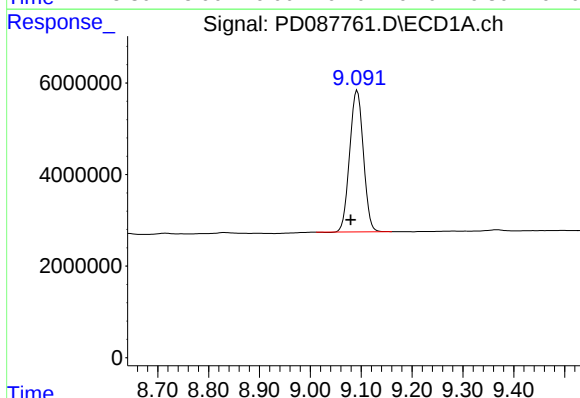
R.T.: 6.884 min
Delta R.T.: 0.009 min
Response: 1756617
Conc: 16.45 ng/ml

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



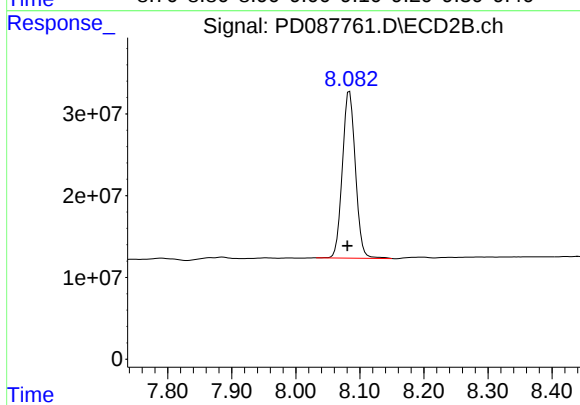
#27 Chlordane-5

R.T.: 6.098 min
Delta R.T.: 0.003 min
Response: 17095696
Conc: 26.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.013 min
Response: 57797947
Conc: 18.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.003 min
Response: 287348315
Conc: 20.33 ng/ml