

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
 Data File : PD089100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 12:25
 Operator : AR\AJ
 Sample : Q2126-07
 Misc : PEST LOD 1PPB WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:51:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	48844567	310.4E6	17.120	18.311
28)	SA Decachlor...	9.072	8.071	72758328	365.9E6	18.525	18.507
Target Compounds							
2)	A alpha-BHC	3.999	3.393	4345277	28758632	0.745	1.073 #
3)	MA gamma-BHC...	4.330	3.729	5639514	27660854	1.010	1.117
4)	MA Heptachlor	4.929	4.083	5121558	26841766	0.939	1.072
5)	MB Aldrin	5.271	4.369	4691226	25163070	0.883	1.039
6)	B beta-BHC	4.516	4.025	2348865	14044478	1.064	1.307
7)	B delta-BHC	4.764	4.262	5576640	28472640	1.086	1.145
8)	B Heptachlo...	5.690	4.872	5309387	26077042	1.101	1.191
9)	A Endosulfan I	6.074	5.247	4625060	26506241	1.026	1.272
10)	B gamma-Chl...	5.945	5.125	4699146	36012064	0.981	1.505 #
11)	B alpha-Chl...	6.026	5.190	4973630	30108893	1.028	1.315 #
12)	B 4,4'-DDE	6.195	5.375	3904708	26402600	0.895	1.152 #
13)	MA Dieldrin	6.346	5.512	4699139	26159317	0.980	1.127
14)	MA Endrin	6.574	5.789	3768242	28890828	0.913	1.331 #
15)	B Endosulfa...	6.785	6.080	4454334	25034966	1.103	1.240
16)	A 4,4'-DDD	6.704	5.929	3304886	23166883	0.963	1.211 #
17)	MA 4,4'-DDT	7.020	6.183	3204005	19371730	0.846	0.955
18)	B Endrin al...	6.915	6.259	3695595	19548510	1.206	1.277
19)	B Endosulfa...	7.149	6.481	4147099	24034200	1.081	1.225
20)	A Methoxychlor	7.494	6.754	1983090	11846568	0.981	1.100
21)	B Endrin ke...	7.630	6.991	4173231	28028175	1.025	1.297 #
22)	Mirex	8.113	7.185	3217967	19698195	1.058	1.181
23)	Chlordane-1	0.000	3.937f	0	923671	N.D.	0.991 #
24)	Chlordane-2	5.271f	4.497	4691226	481065	21.488	0.506 #
25)	Chlordane-3	5.945	5.125	4699146	36012064	5.448	12.124 #
26)	Chlordane-4	6.026	5.190	4973630	30108893	4.734	12.011 #
27)	Chlordane-5	0.000	6.080	0	25034966	N.D.	22.122 #

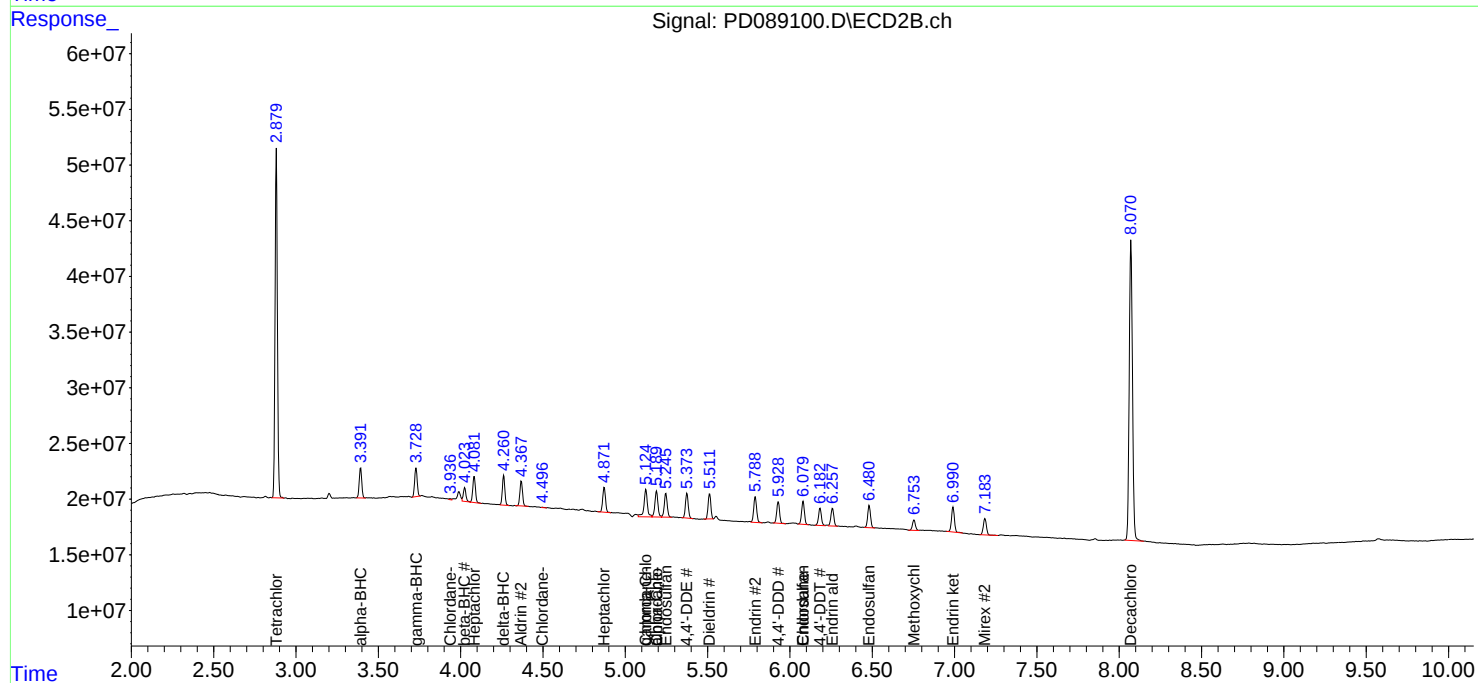
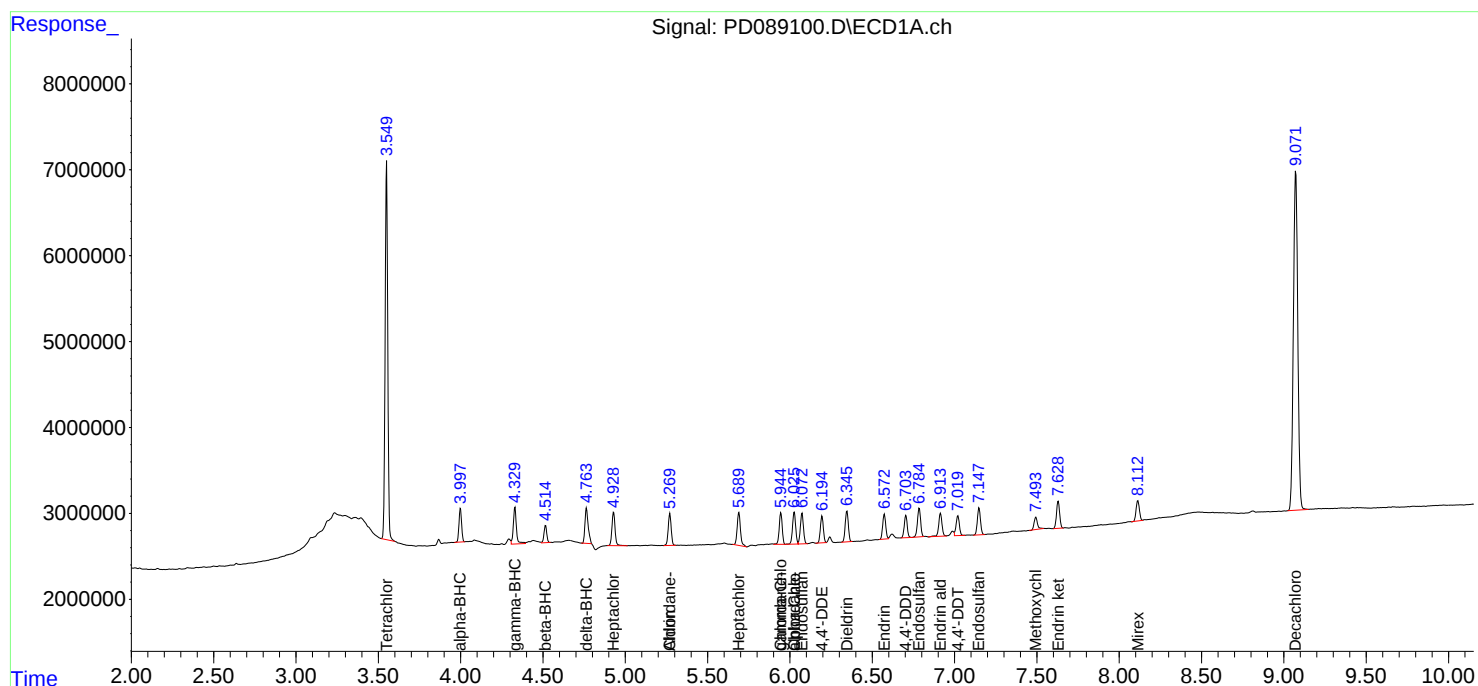
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

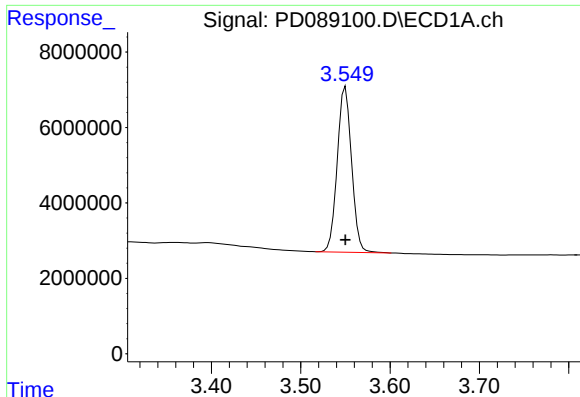
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
Data File : PD089100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 12:25
Operator : AR\AJ
Sample : Q2126-07
Misc : PEST LOD 1PPB WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 01:51:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

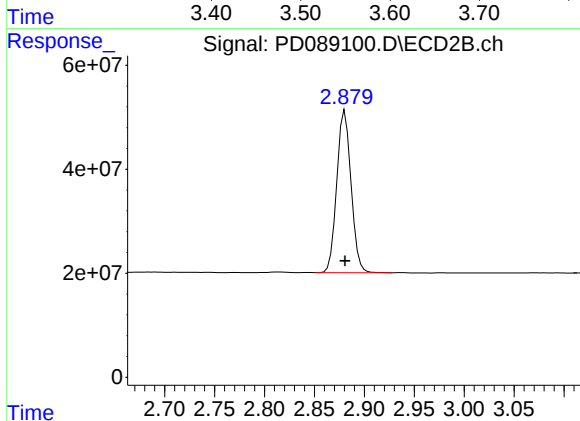




#1 Tetrachloro-m-xylene

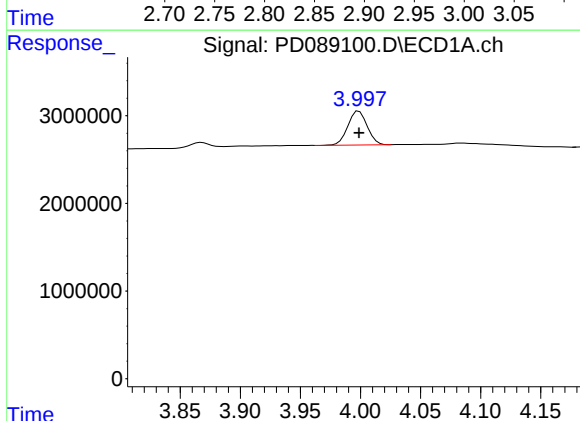
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 48844567
Conc: 17.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



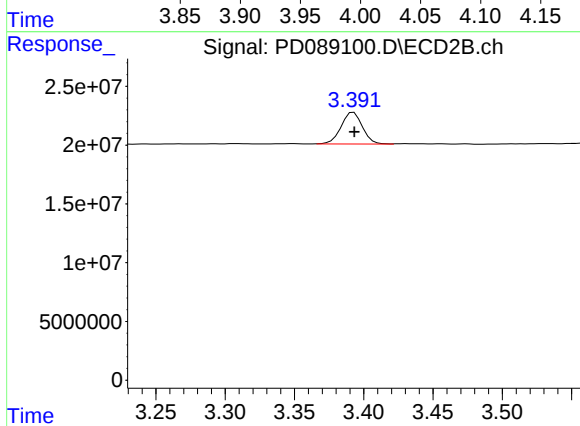
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 31043315
Conc: 18.31 ng/ml



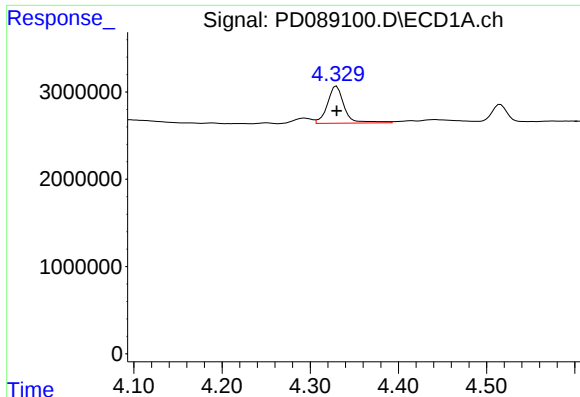
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 4345277
Conc: 0.75 ng/ml



#2 alpha-BHC

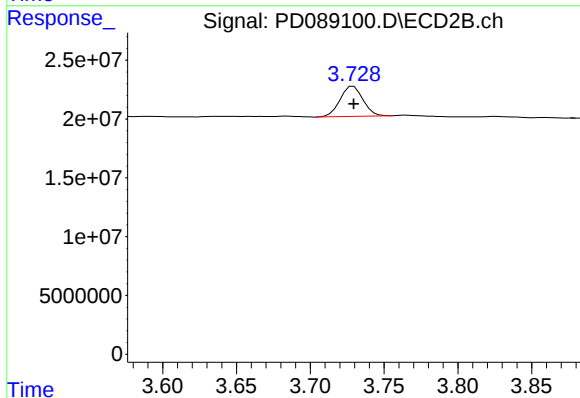
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 28758632
Conc: 1.07 ng/ml



#3 gamma-BHC (Lindane)

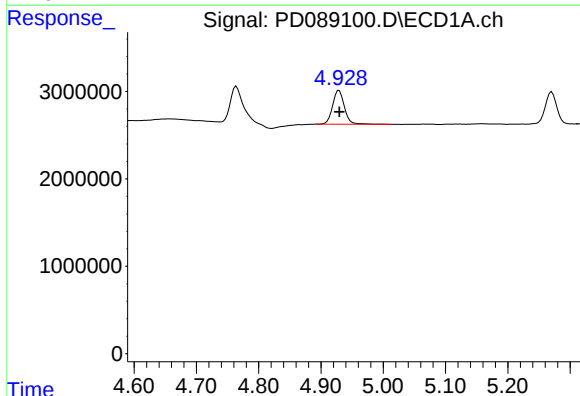
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 5639514
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



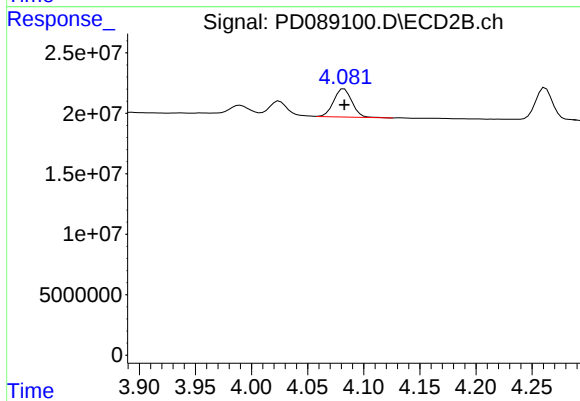
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 27660854
Conc: 1.12 ng/ml



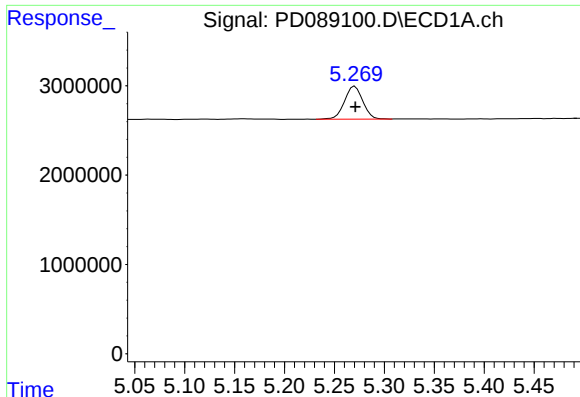
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 5121558
Conc: 0.94 ng/ml



#4 Heptachlor

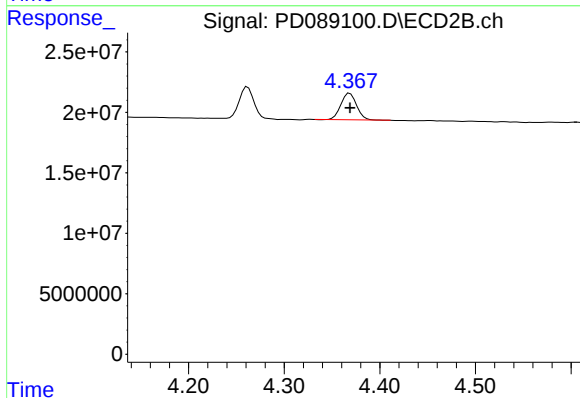
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 26841766
Conc: 1.07 ng/ml



#5 Aldrin

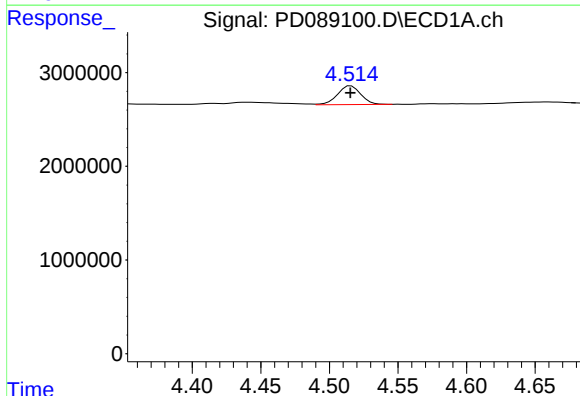
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 4691226
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



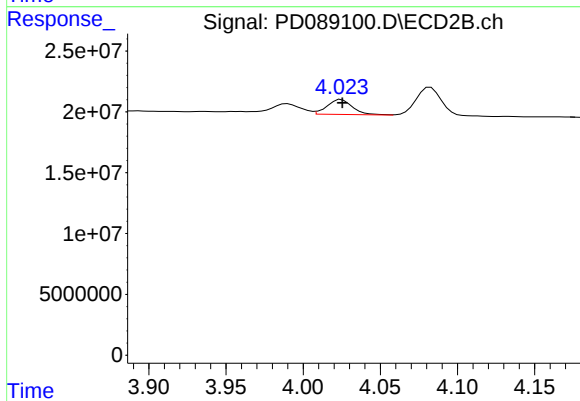
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 25163070
Conc: 1.04 ng/ml



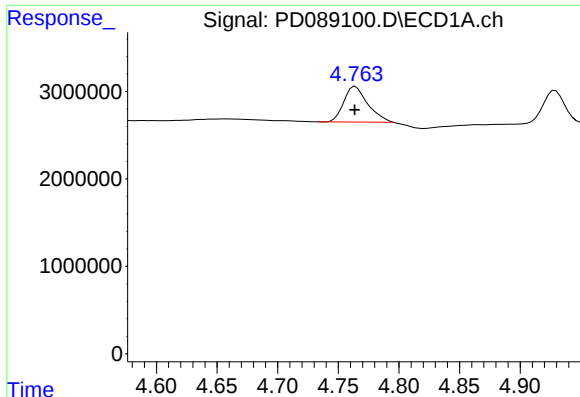
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2348865
Conc: 1.06 ng/ml



#6 beta-BHC

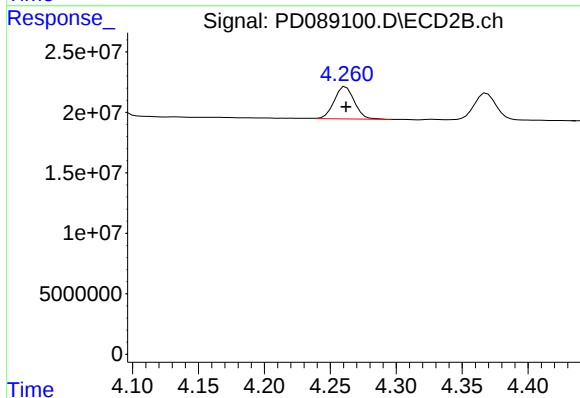
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 14044478
Conc: 1.31 ng/ml



#7 delta-BHC

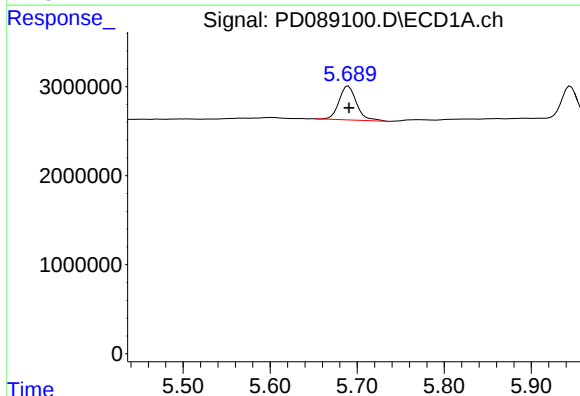
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 5576640
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



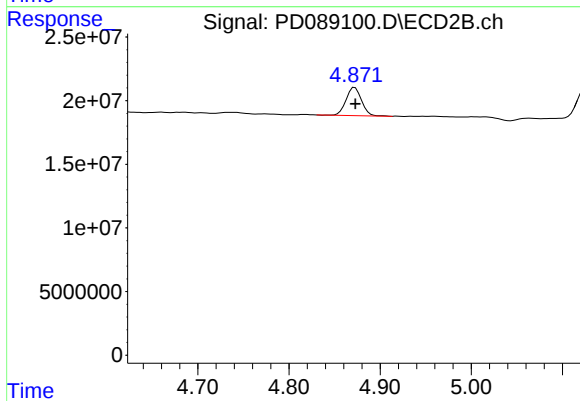
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 28472640
Conc: 1.14 ng/ml



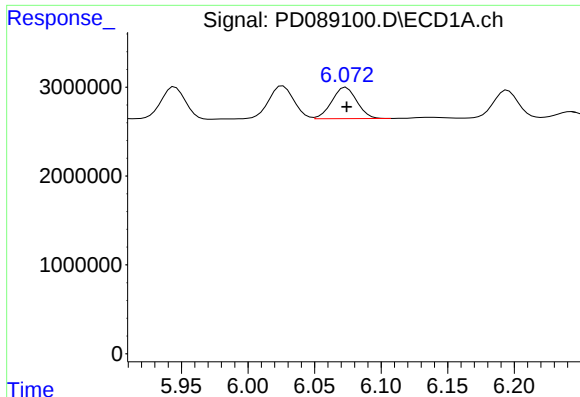
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 5309387
Conc: 1.10 ng/ml



#8 Heptachlor epoxide

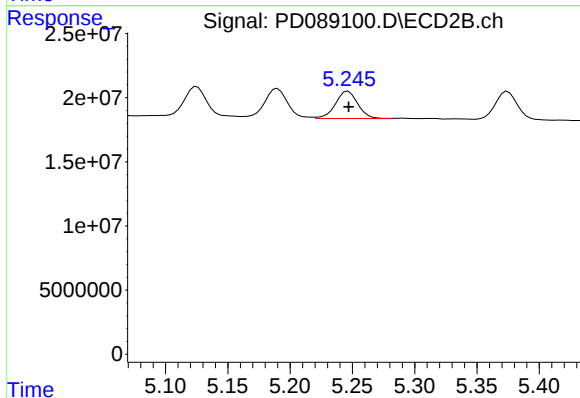
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 26077042
Conc: 1.19 ng/ml



#9 Endosulfan I

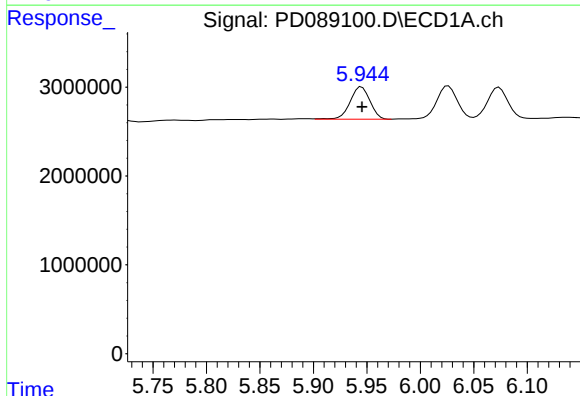
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 4625060
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



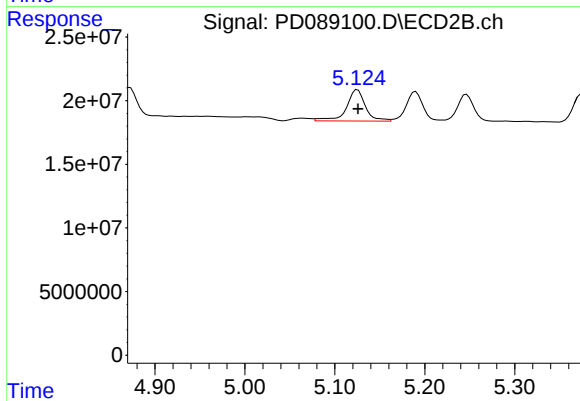
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 26506241
Conc: 1.27 ng/ml



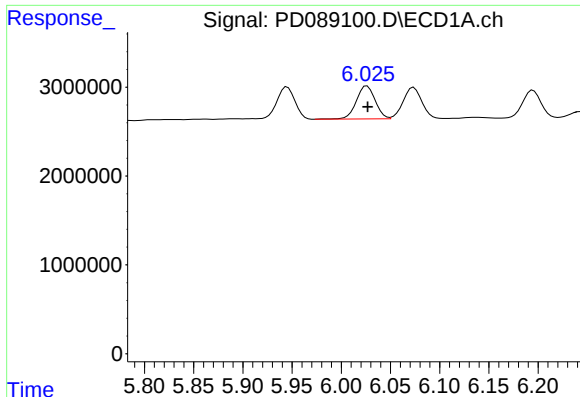
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4699146
Conc: 0.98 ng/ml



#10 gamma-Chlordane

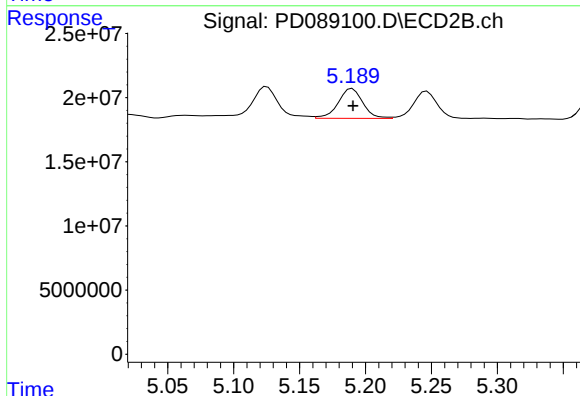
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 36012064
Conc: 1.51 ng/ml



#11 alpha-Chlordane

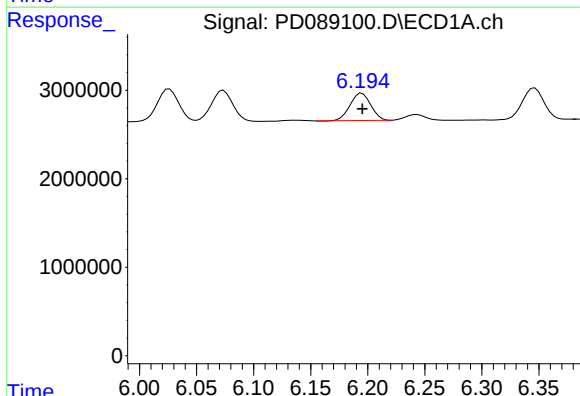
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 4973630
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



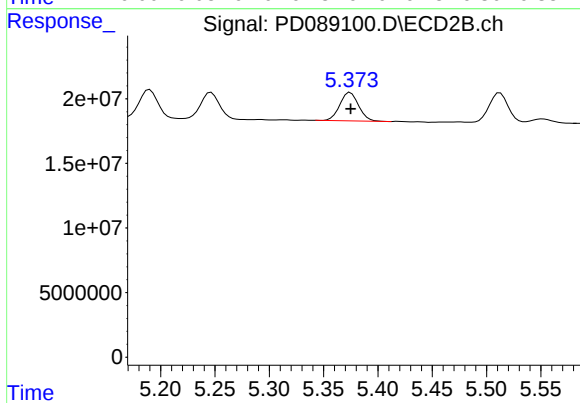
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 30108893
Conc: 1.31 ng/ml



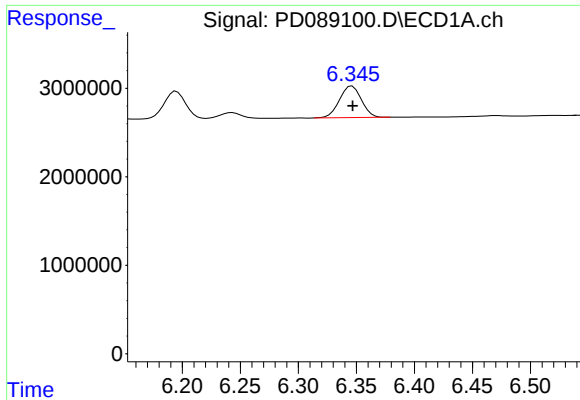
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 3904708
Conc: 0.90 ng/ml



#12 4,4'-DDE

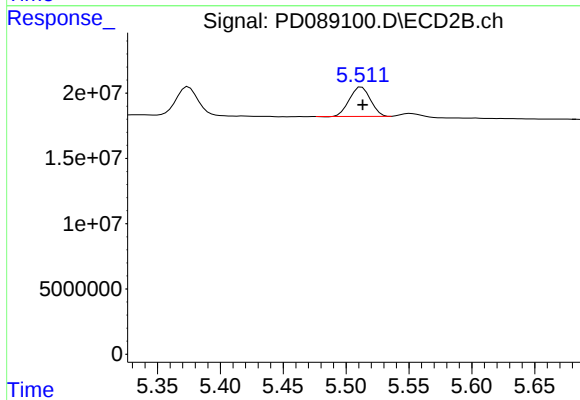
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 26402600
Conc: 1.15 ng/ml



#13 Dieldrin

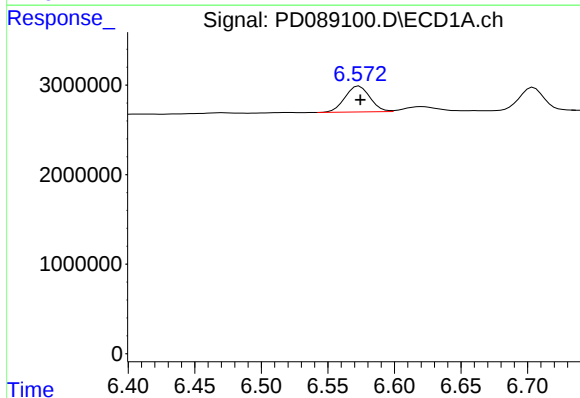
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 4699139
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



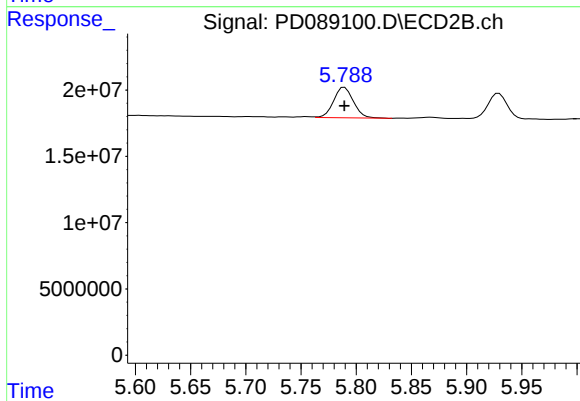
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 26159317
Conc: 1.13 ng/ml



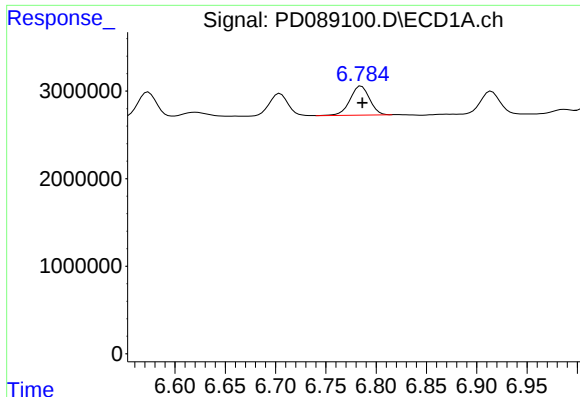
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 3768242
Conc: 0.91 ng/ml



#14 Endrin

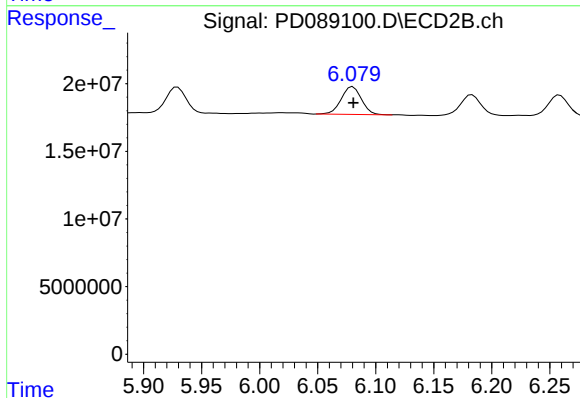
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 28890828
Conc: 1.33 ng/ml



#15 Endosulfan II

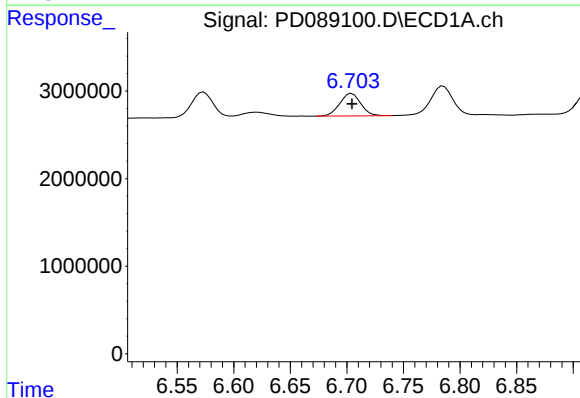
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 4454334
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



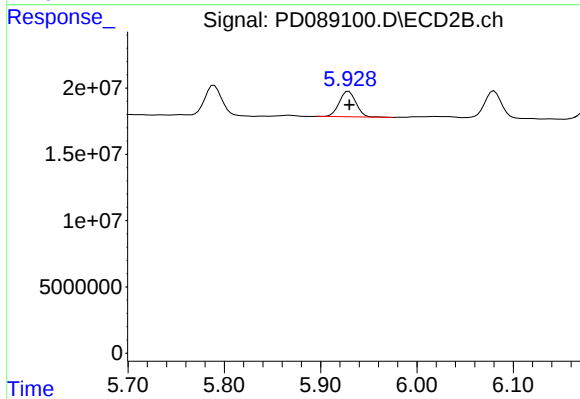
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 25034966
Conc: 1.24 ng/ml



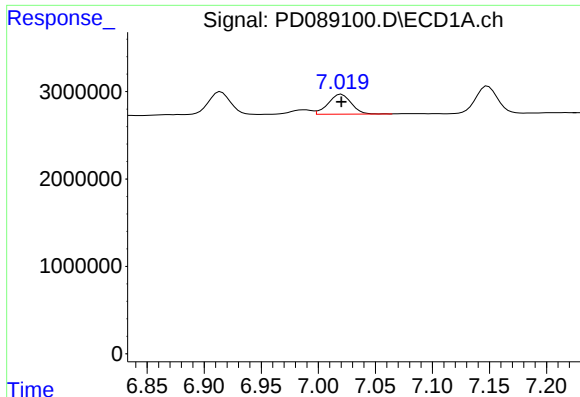
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 3304886
Conc: 0.96 ng/ml



#16 4,4'-DDD

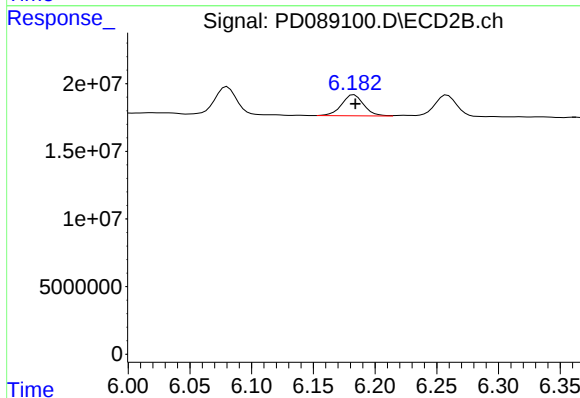
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 23166883
Conc: 1.21 ng/ml



#17 4,4'-DDT

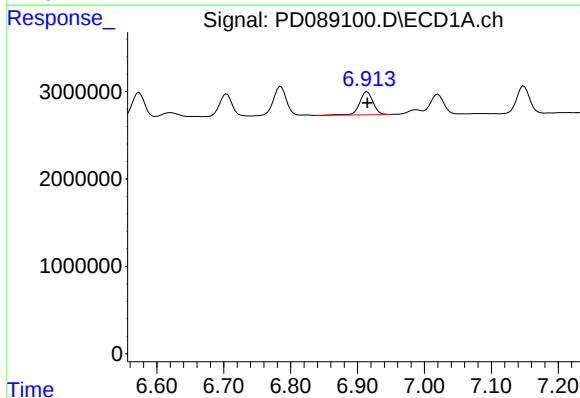
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 3204005
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



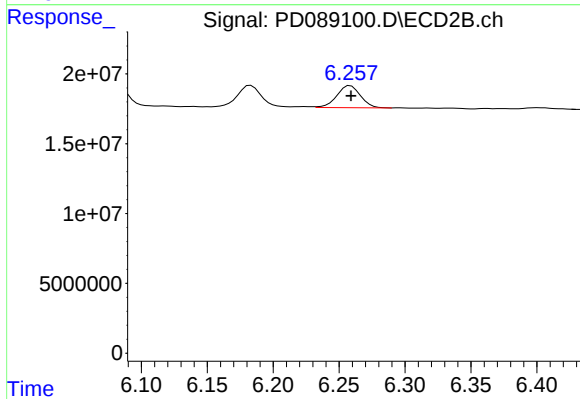
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 19371730
Conc: 0.96 ng/ml



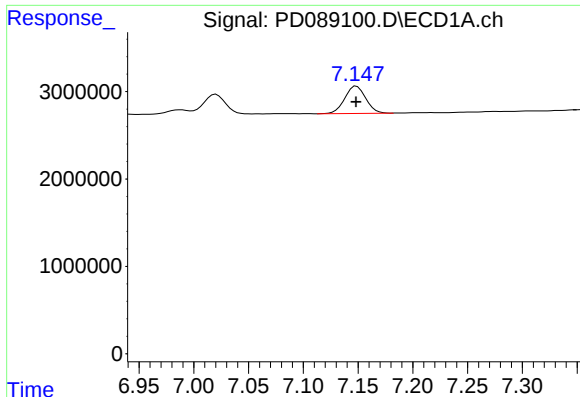
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3695595
Conc: 1.21 ng/ml



#18 Endrin aldehyde

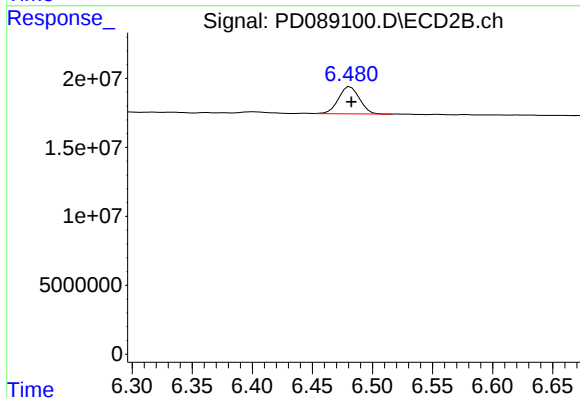
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 19548510
Conc: 1.28 ng/ml



#19 Endosulfan Sulfate

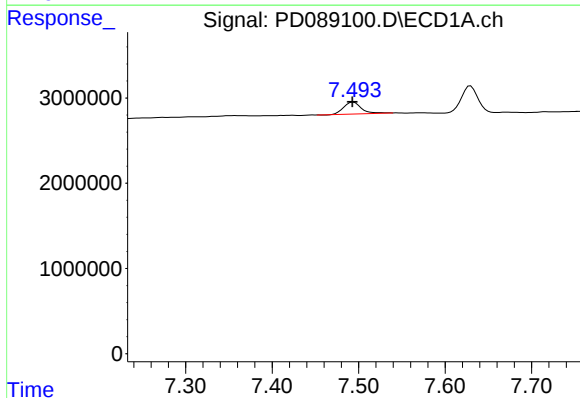
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 4147099
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



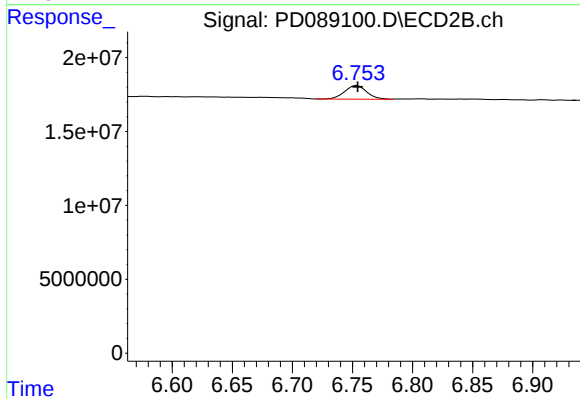
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 24034200
Conc: 1.22 ng/ml



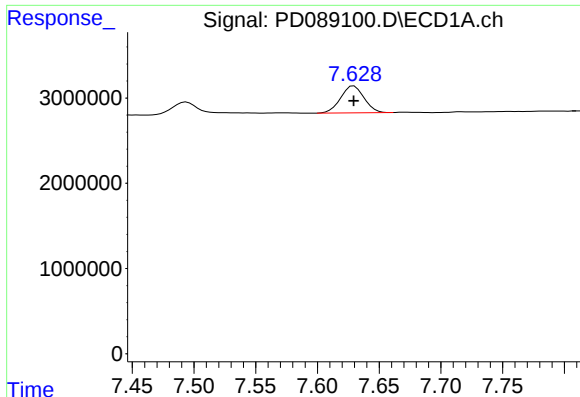
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.001 min
Response: 1983090
Conc: 0.98 ng/ml



#20 Methoxychlor

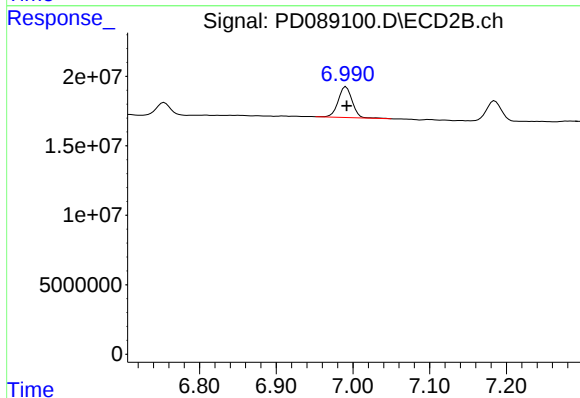
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 11846568
Conc: 1.10 ng/ml



#21 Endrin ketone

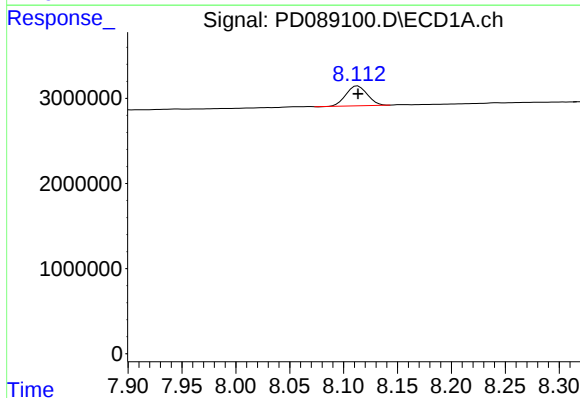
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 4173231
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



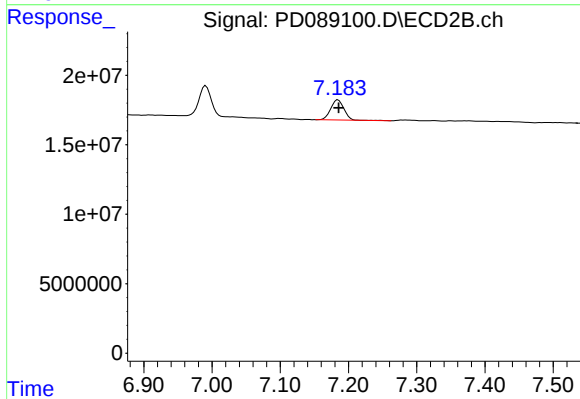
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 28028175
Conc: 1.30 ng/ml



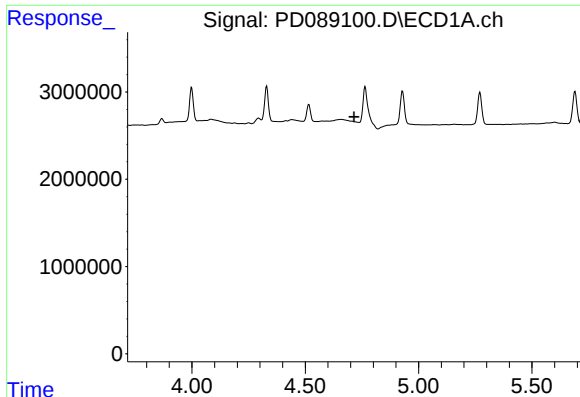
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 3217967
Conc: 1.06 ng/ml



#22 Mirex

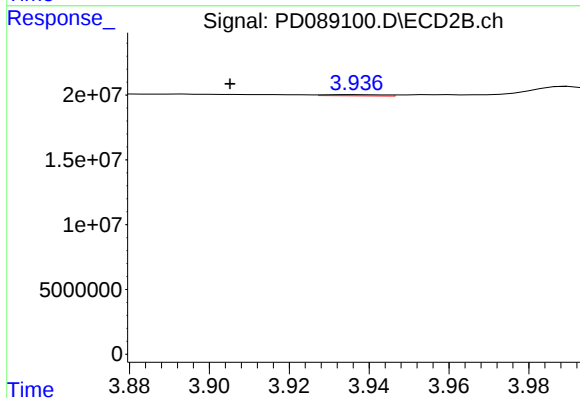
R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 19698195
Conc: 1.18 ng/ml



#23 Chlordane-1

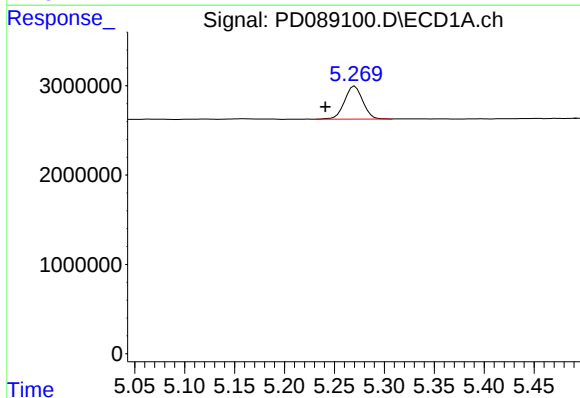
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



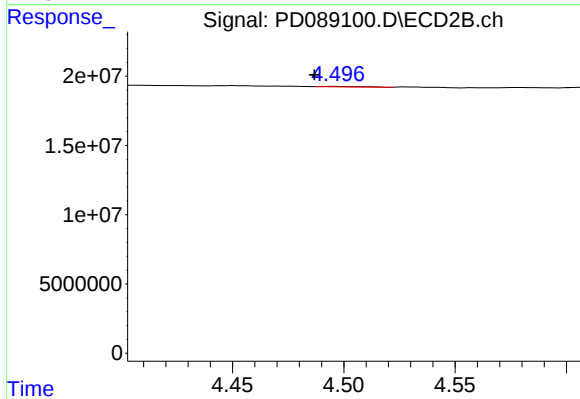
#23 Chlordane-1

R.T.: 3.937 min
Delta R.T.: 0.032 min
Response: 923671
Conc: 0.99 ng/ml



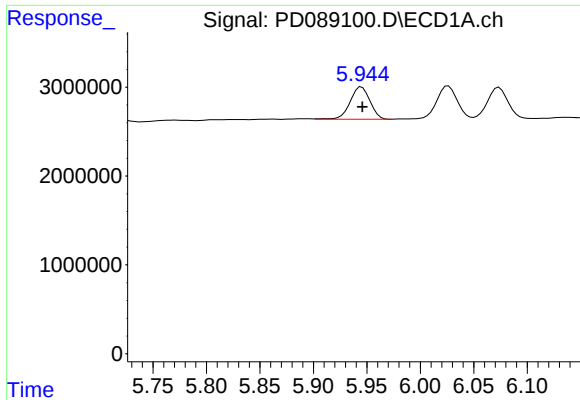
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.030 min
Response: 4691226
Conc: 21.49 ng/ml



#24 Chlordane-2

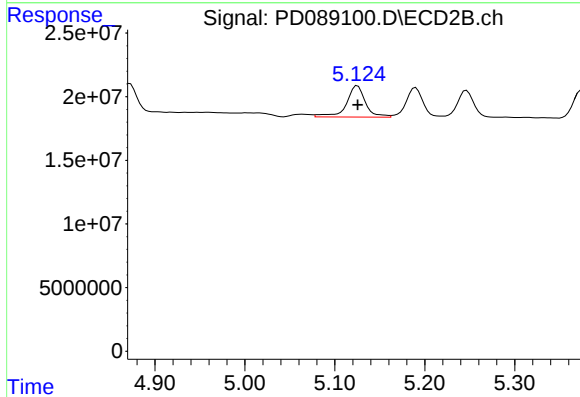
R.T.: 4.497 min
Delta R.T.: 0.010 min
Response: 481065
Conc: 0.51 ng/ml



#25 Chlordane-3

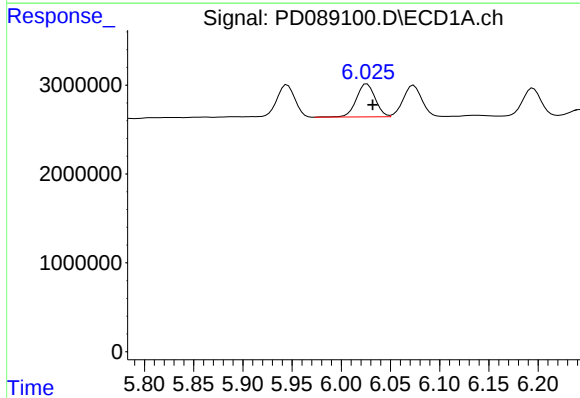
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4699146
Conc: 5.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



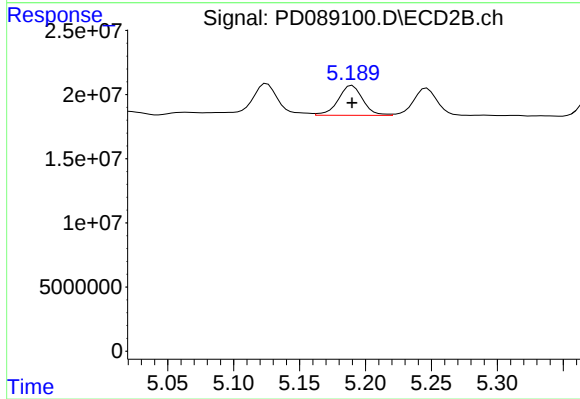
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 36012064
Conc: 12.12 ng/ml



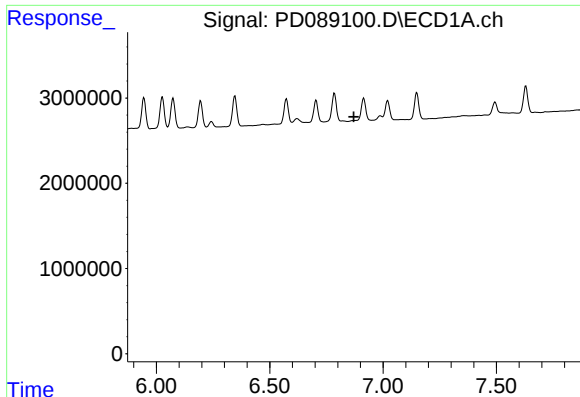
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 4973630
Conc: 4.73 ng/ml



#26 Chlordane-4

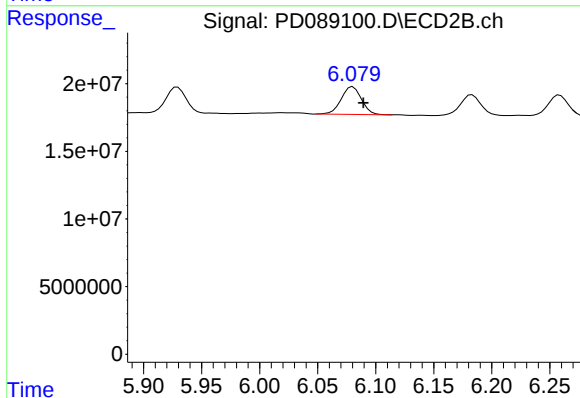
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 30108893
Conc: 12.01 ng/ml



#27 Chlordane-5

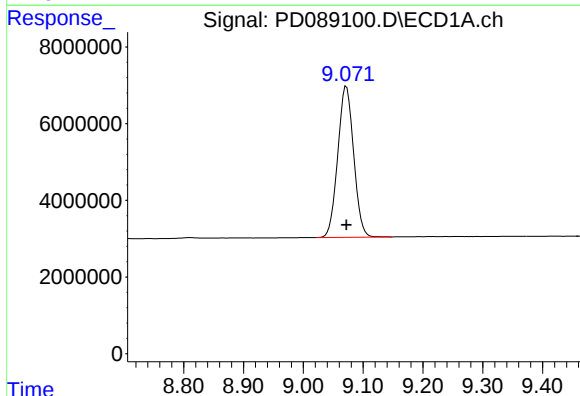
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



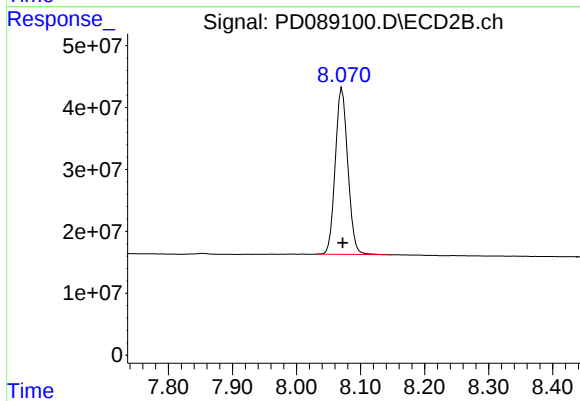
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 25034966
Conc: 22.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 72758328
Conc: 18.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 365879551
Conc: 18.51 ng/ml