

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:08
 Operator : AR\AJ
 Sample : Q3530-07
 Misc : CHLOR LOD 25PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:57:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.540	2.870	67980094	909.1E6	19.572	23.071
28)	SA Decachlor...	9.057	8.054	107.9E6	1031.2E6	20.759	24.902
Target Compounds							
2)	A alpha-BHC	4.010f	3.372	218325	19078107	0.027	0.280 #
4)	MA Heptachlor	4.916	4.069	7794322	71826717	1.098	1.232
5)	MB Aldrin	5.230f	4.344	5776178	4115522	0.830	0.071 #
6)	B beta-BHC	4.491f	4.037f	237746	2058606	0.082	0.086
7)	B delta-BHC	4.768	4.250	9829843	9362373	1.643	0.156 #
8)	B Heptachlo...	5.670	0.000	11391232	0	1.840	N.D. #
9)	A Endosulfan I	0.000	5.214f	0	38097631	N.D.	0.778 #
10)	B gamma-Chl...	5.934	5.110	19215676	191.2E6	3.013	3.425
11)	B alpha-Chl...	6.019	5.174	25795083	178.0E6	3.841	3.323
12)	B 4,4'-DDE	0.000	5.369	0	43618863	N.D.	0.796 #
13)	MA Dieldrin	6.340	5.481f	620605	2688675	0.095	0.048 #
14)	MA Endrin	0.000	5.781	0	194.4E6	N.D.	3.718 #
15)	B Endosulfa...	0.000	6.075	0	58673273	N.D.	1.245 #
16)	A 4,4'-DDD	6.715f	5.911	3090804	491636	0.672	0.011 #
17)	MA 4,4'-DDT	6.982f	6.171	2382343	6822443	0.462	0.144 #
18)	B Endrin al...	6.914	6.256	2315061	3961424	0.554	0.111 #
19)	B Endosulfa...	7.141	6.476	118534	3981694	0.022	0.086 #
20)	A Methoxychlor	0.000	6.720f	0	8362537	N.D.	0.354 #
21)	B Endrin ke...	7.608	0.000	533504	0	0.095	N.D. #
22)	Mirex	8.105	7.168	1465354	8306897	0.394	0.253 #
23)	Chlordane-1	4.702	3.891	6107630	46082307	29.093	30.847
24)	Chlordane-2	5.230	4.473	5776178	140.5E6	28.237	88.990 #
25)	Chlordane-3	5.934	5.110	19215676	191.2E6	23.449	37.536 #
26)	Chlordane-4	6.019	5.174	25795083	178.0E6	25.398	41.692 #
27)	Chlordane-5	6.859	6.075	6800838	58673273	38.451	30.944

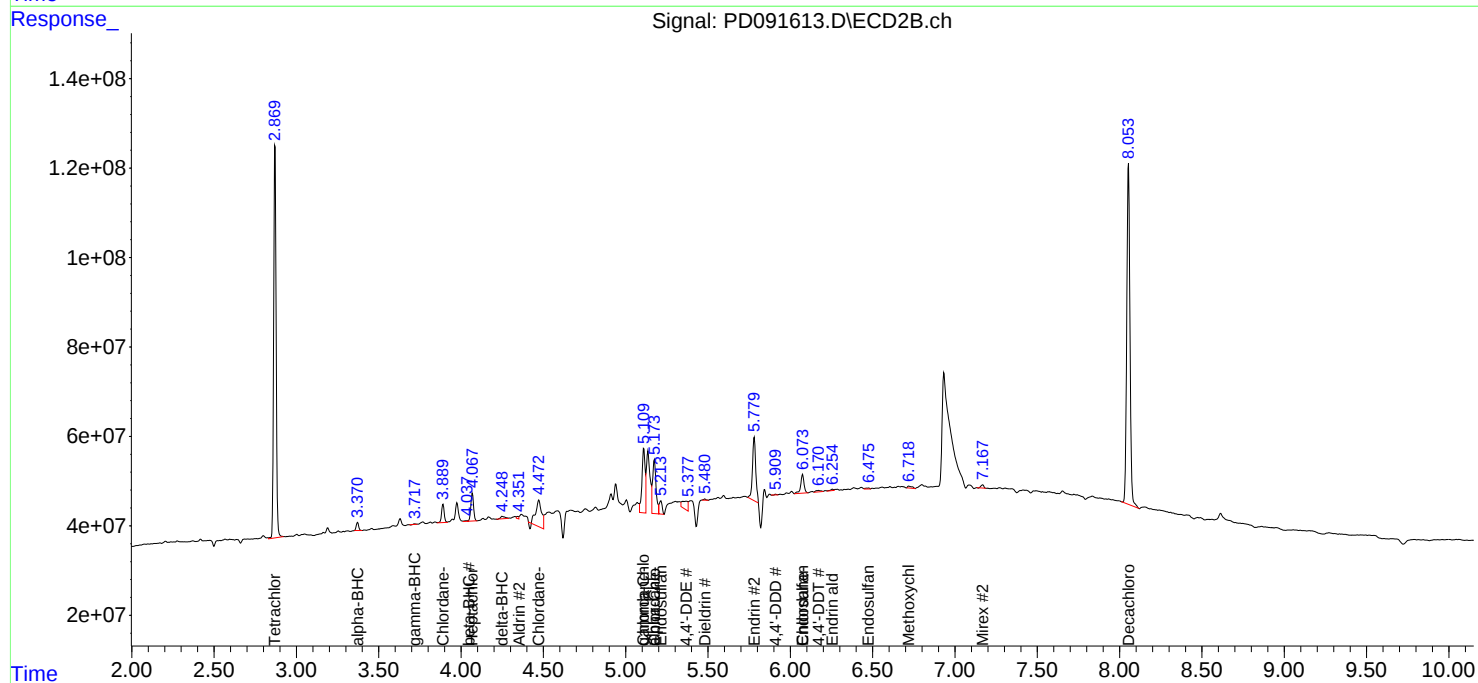
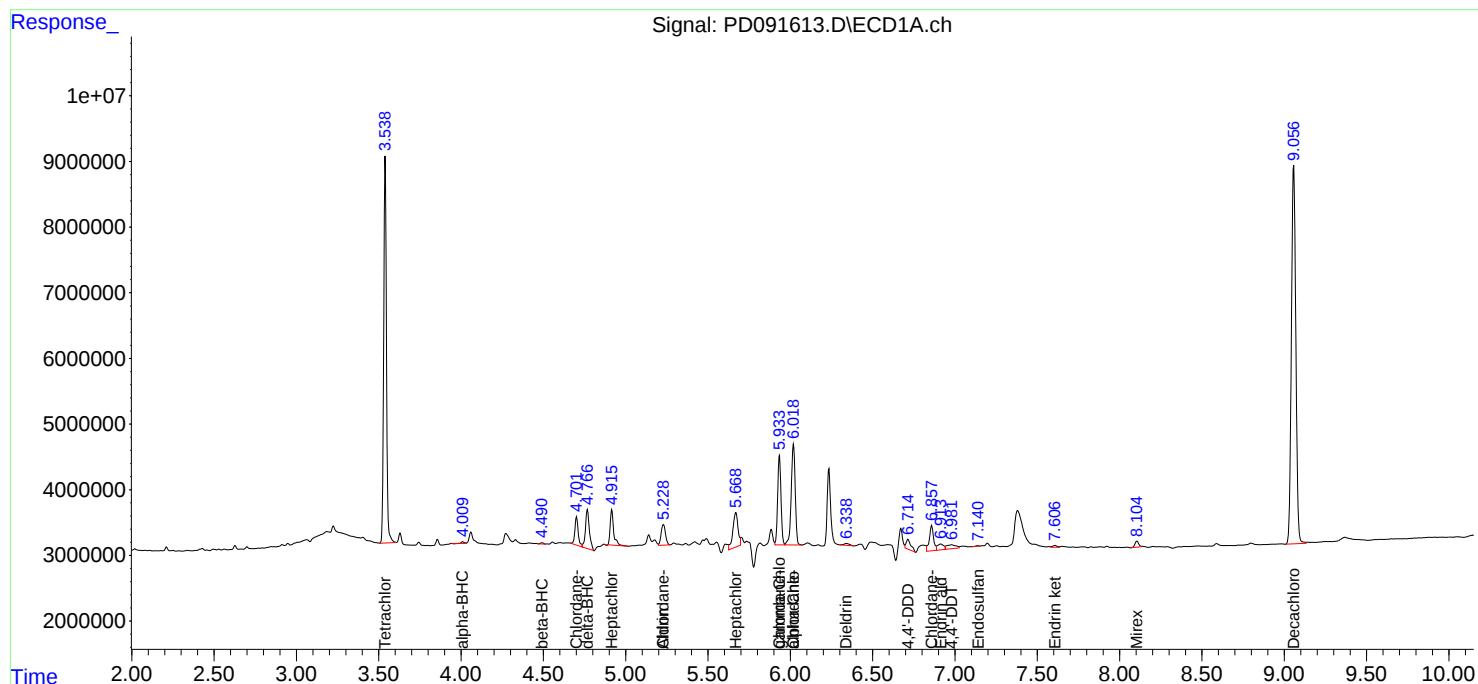
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

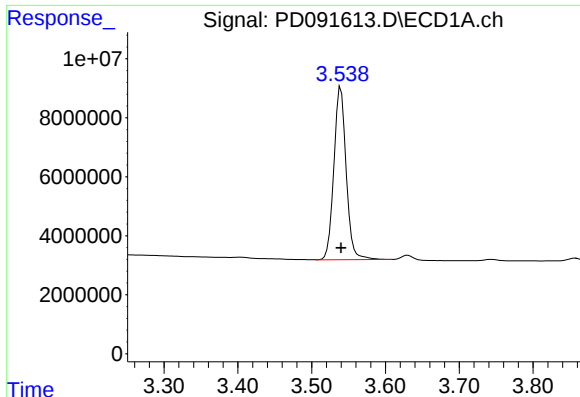
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:08
Operator : AR\AJ
Sample : Q3530-07
Misc : CHLOR LOD 25PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:57:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

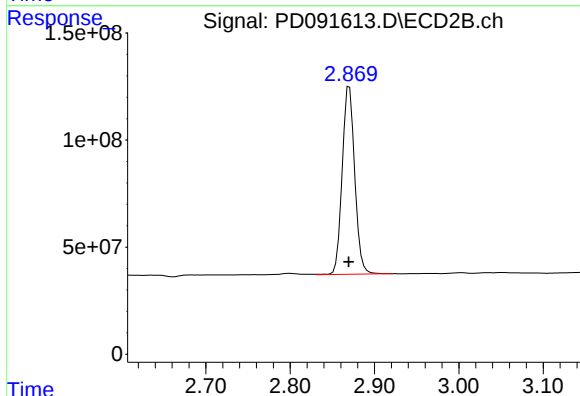




#1 Tetrachloro-m-xylene

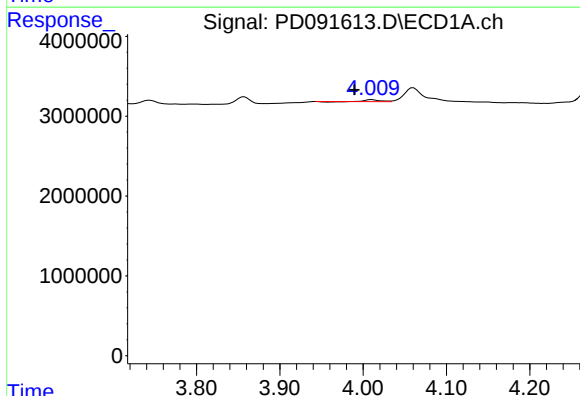
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 67980094
Conc: 19.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



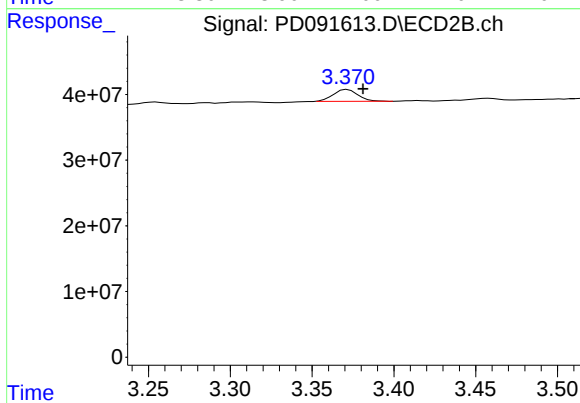
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 909066838
Conc: 23.07 ng/ml



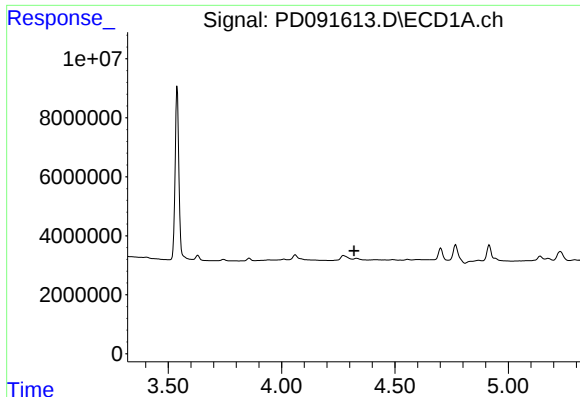
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.021 min
Response: 218325
Conc: 0.03 ng/ml



#2 alpha-BHC

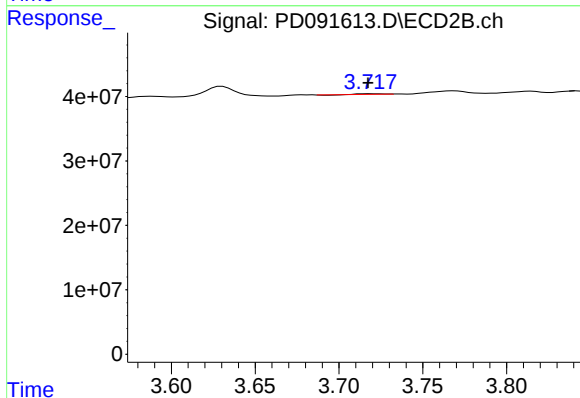
R.T.: 3.372 min
Delta R.T.: -0.009 min
Response: 19078107
Conc: 0.28 ng/ml



#3 gamma-BHC (Lindane)

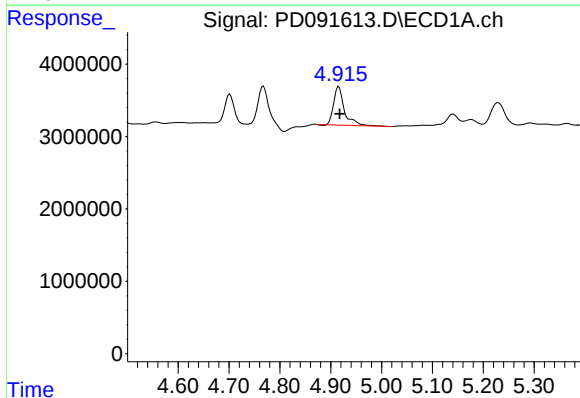
R.T.: 4.331 min
Delta R.T.: 0.011 min
Response: -109640
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



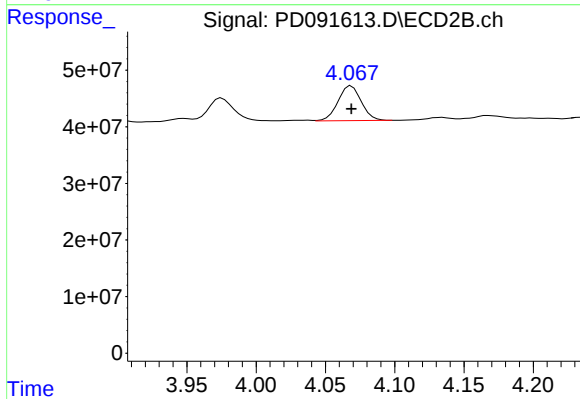
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.001 min
Response: 542689
Conc: 0.01 ng/ml



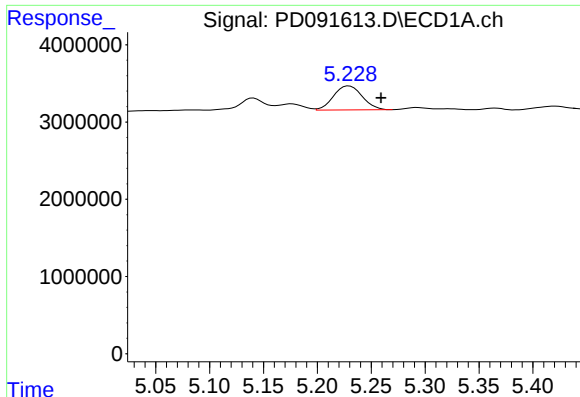
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 7794322
Conc: 1.10 ng/ml



#4 Heptachlor

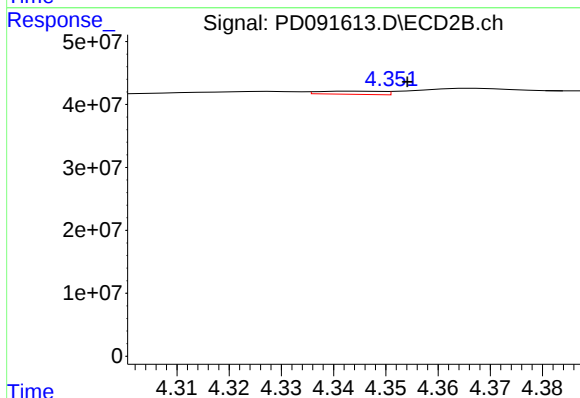
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 71826717
Conc: 1.23 ng/ml



#5 Aldrin

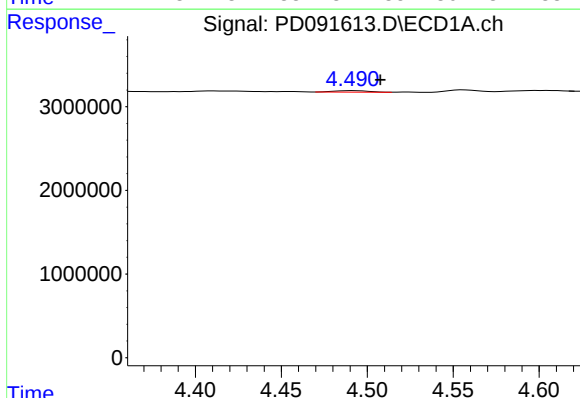
R.T.: 5.230 min
Delta R.T.: -0.029 min
Response: 5776178
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



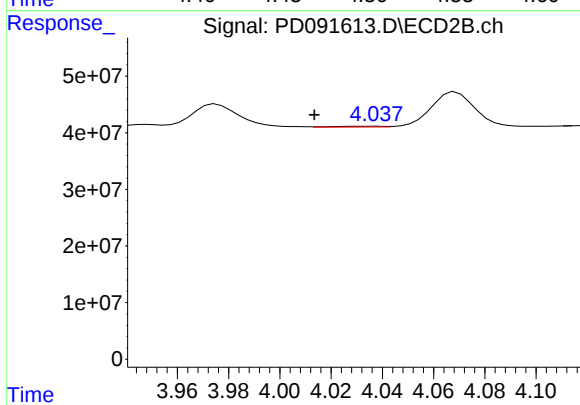
#5 Aldrin

R.T.: 4.344 min
Delta R.T.: -0.010 min
Response: 4115522
Conc: 0.07 ng/ml



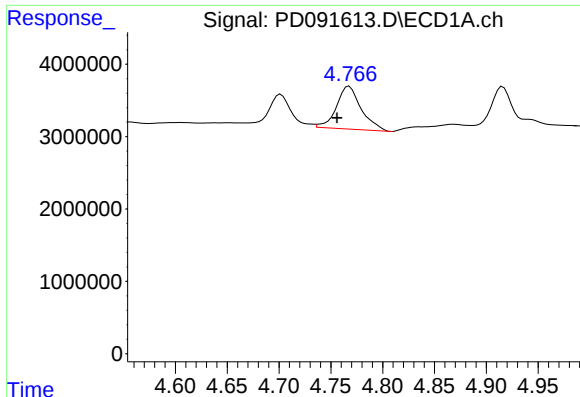
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.016 min
Response: 237746
Conc: 0.08 ng/ml



#6 beta-BHC

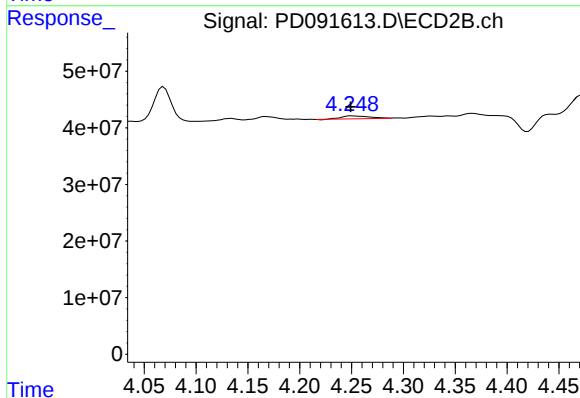
R.T.: 4.037 min
Delta R.T.: 0.024 min
Response: 2058606
Conc: 0.09 ng/ml



#7 delta-BHC

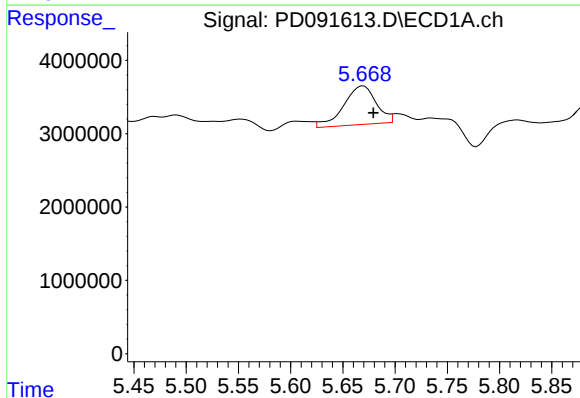
R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 9829843
Conc: 1.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



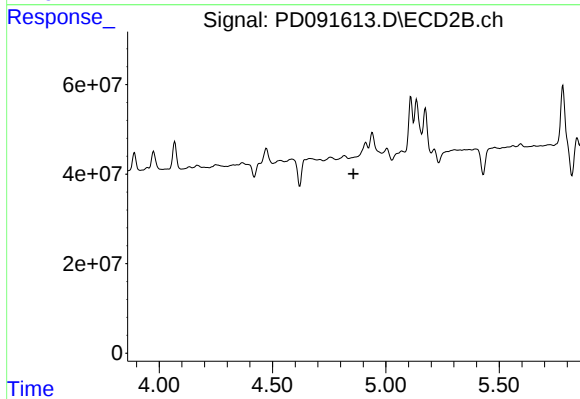
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 9362373
Conc: 0.16 ng/ml



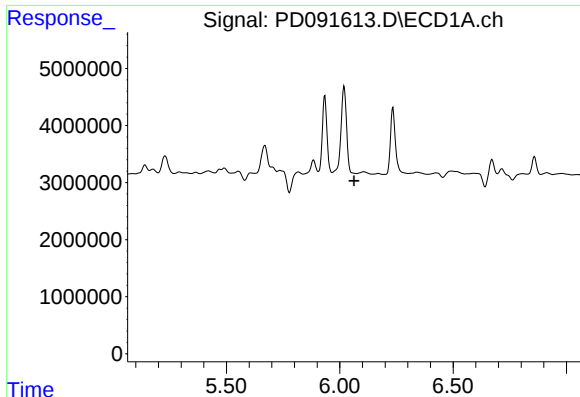
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.010 min
Response: 11391232
Conc: 1.84 ng/ml



#8 Heptachlor epoxide

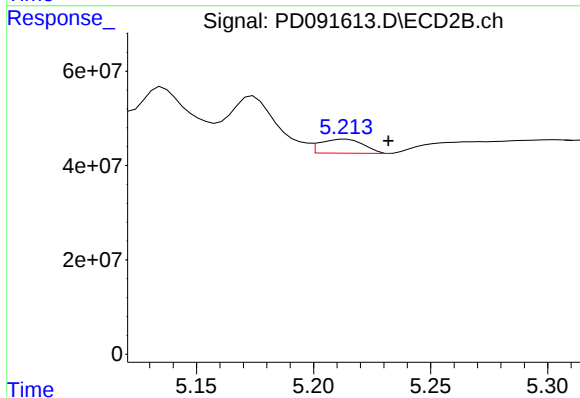
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

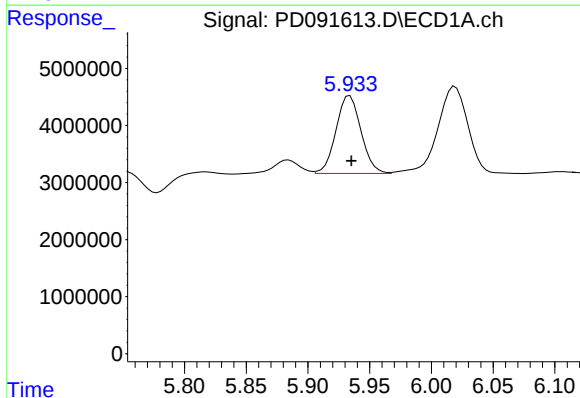
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



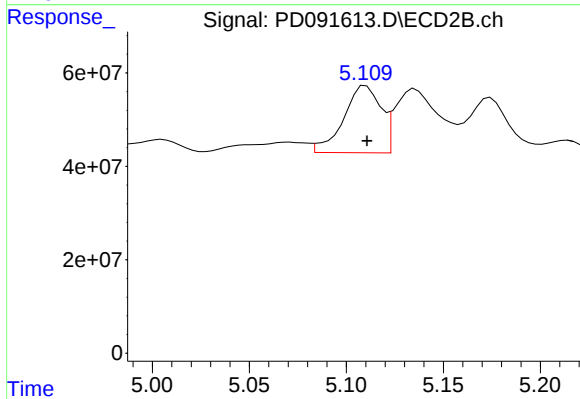
#9 Endosulfan I

R.T.: 5.214 min
Delta R.T.: -0.018 min
Response: 38097631
Conc: 0.78 ng/ml



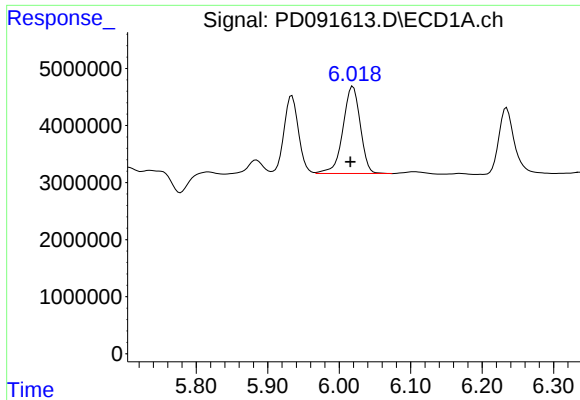
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 19215676
Conc: 3.01 ng/ml



#10 gamma-Chlordane

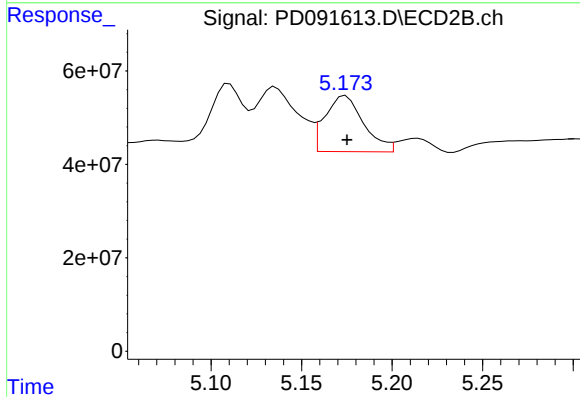
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 191165355
Conc: 3.42 ng/ml



#11 alpha-Chlordane

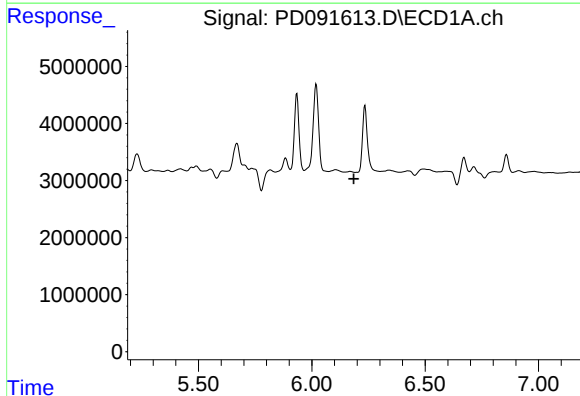
R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 25795083
Conc: 3.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



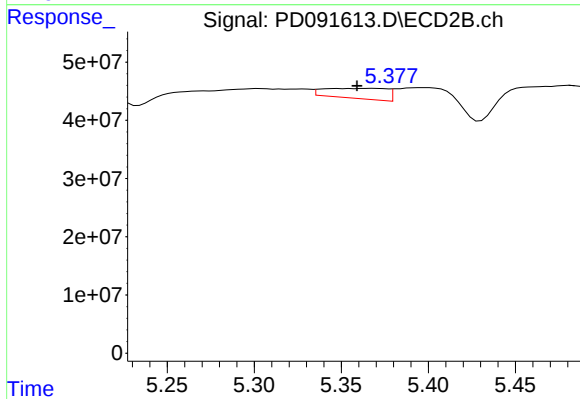
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 177961351
Conc: 3.32 ng/ml



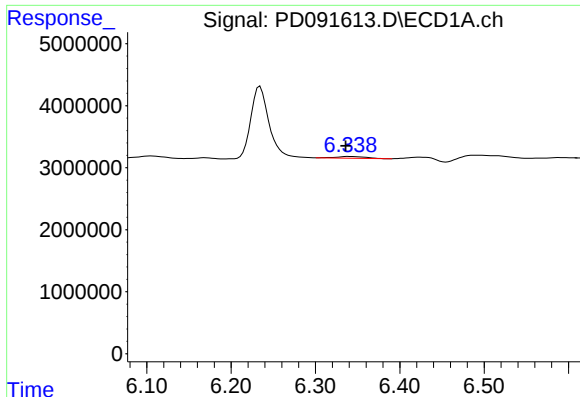
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

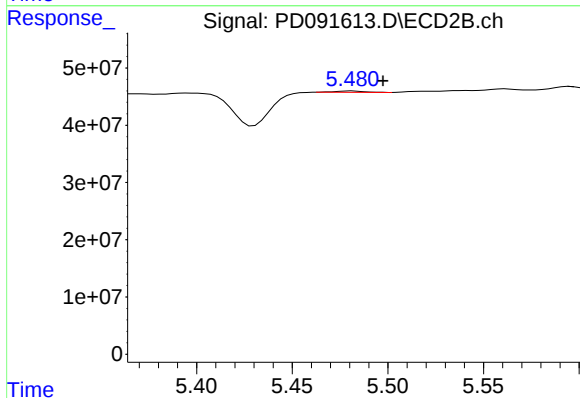
R.T.: 5.369 min
Delta R.T.: 0.010 min
Response: 43618863
Conc: 0.80 ng/ml



#13 Dieldrin

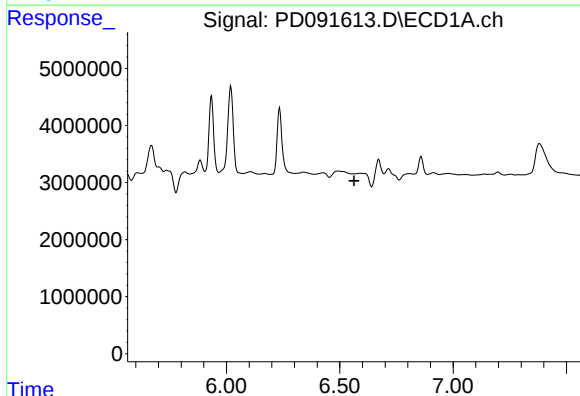
R.T.: 6.340 min
Delta R.T.: 0.004 min
Response: 620605
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



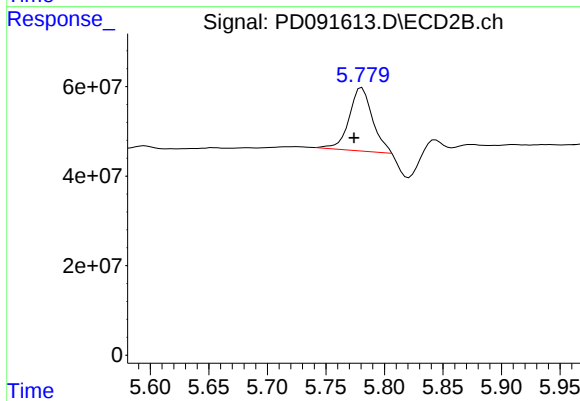
#13 Dieldrin

R.T.: 5.481 min
Delta R.T.: -0.016 min
Response: 2688675
Conc: 0.05 ng/ml



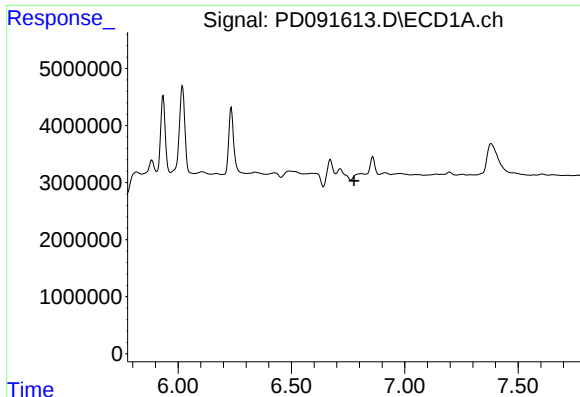
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



#14 Endrin

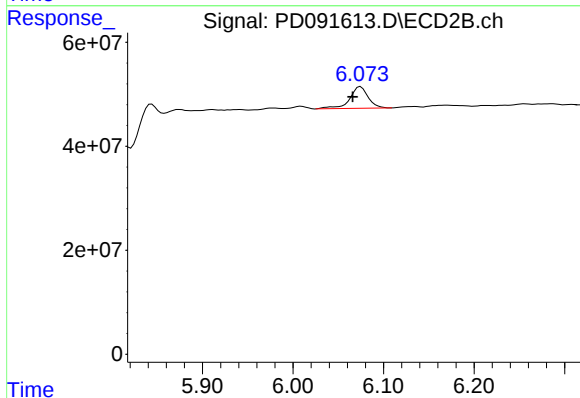
R.T.: 5.781 min
Delta R.T.: 0.007 min
Response: 194385455
Conc: 3.72 ng/ml



#15 Endosulfan II

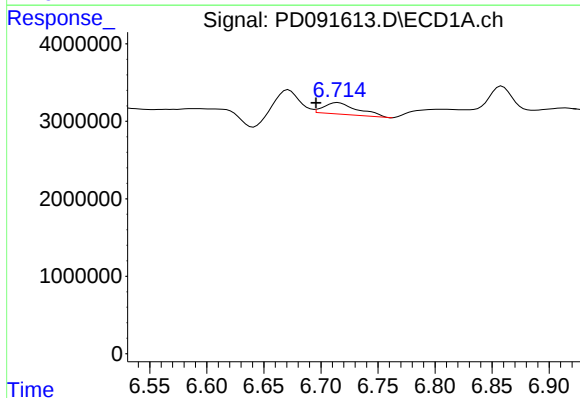
R.T.: 0.000 min
Exp R.T.: 6.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



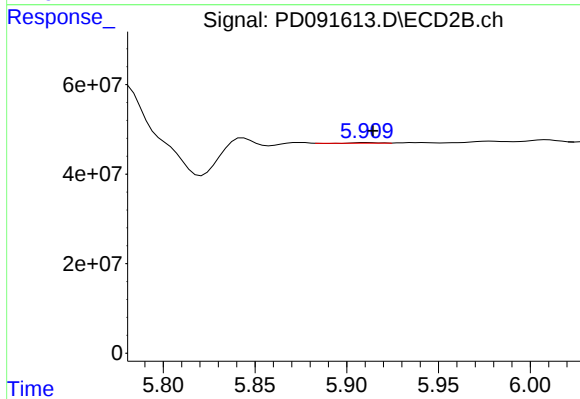
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 58673273
Conc: 1.25 ng/ml



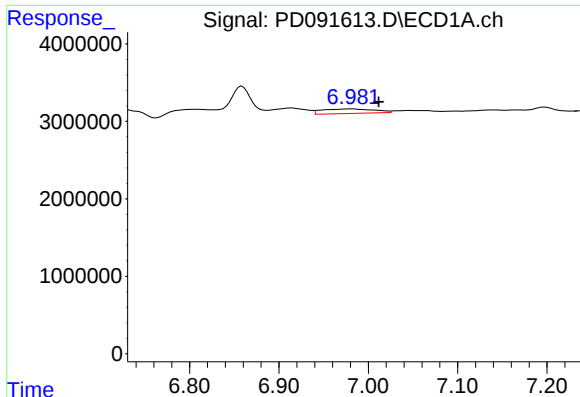
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.019 min
Response: 3090804
Conc: 0.67 ng/ml



#16 4,4'-DDD

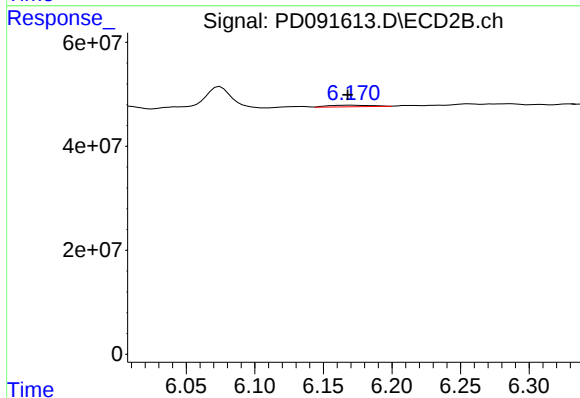
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 491636
Conc: 0.01 ng/ml



#17 4,4'-DDT

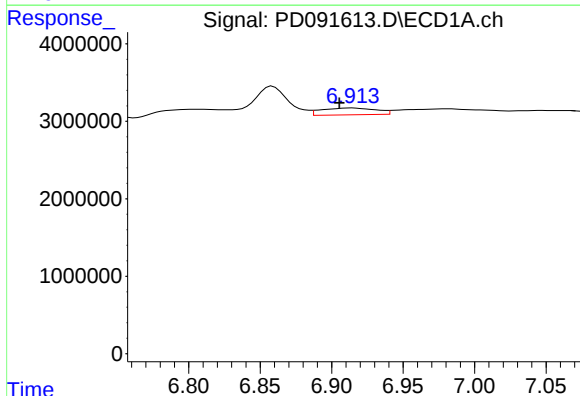
R.T.: 6.982 min
Delta R.T.: -0.030 min
Response: 2382343
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



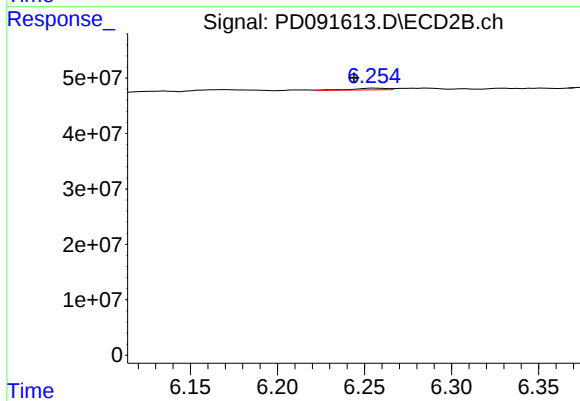
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.004 min
Response: 6822443
Conc: 0.14 ng/ml



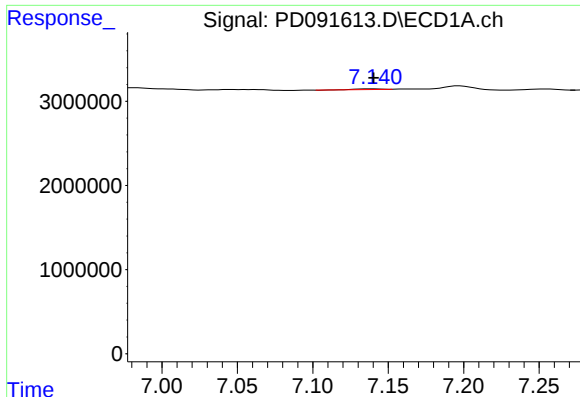
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.009 min
Response: 2315061
Conc: 0.55 ng/ml



#18 Endrin aldehyde

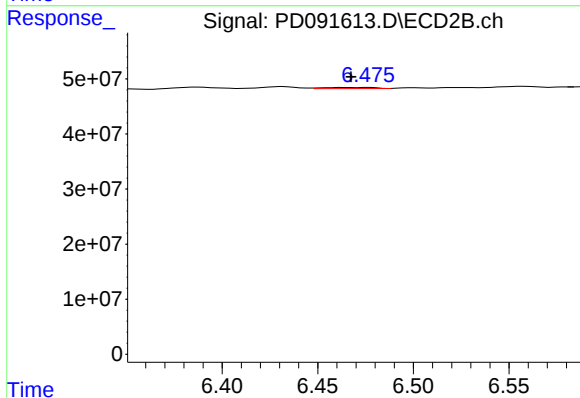
R.T.: 6.256 min
Delta R.T.: 0.012 min
Response: 3961424
Conc: 0.11 ng/ml



#19 Endosulfan Sulfate

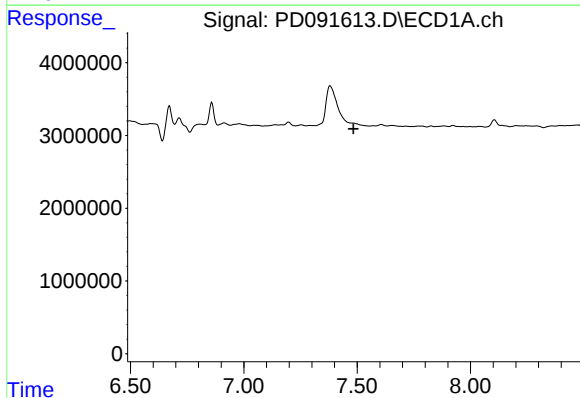
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 118534
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



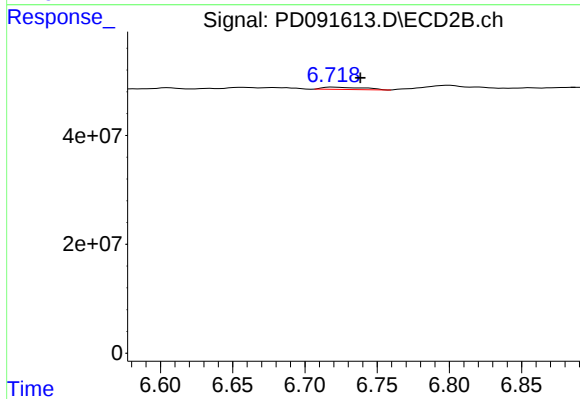
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.008 min
Response: 3981694
Conc: 0.09 ng/ml



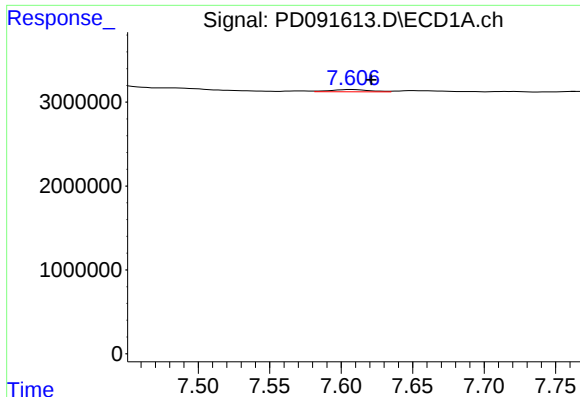
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



#20 Methoxychlor

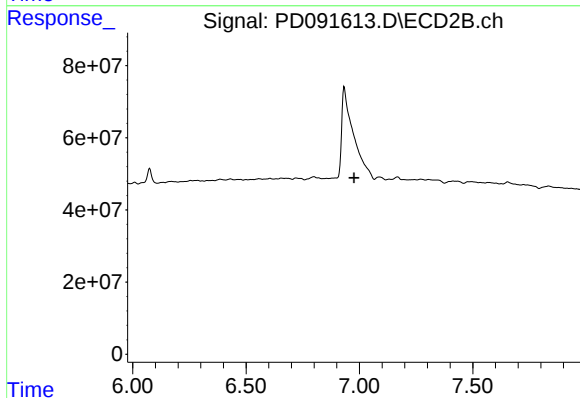
R.T.: 6.720 min
Delta R.T.: -0.018 min
Response: 8362537
Conc: 0.35 ng/ml



#21 Endrin ketone

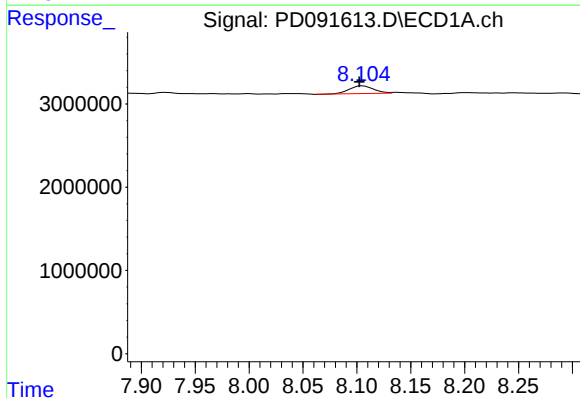
R.T.: 7.608 min
Delta R.T.: -0.013 min
Response: 533504
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



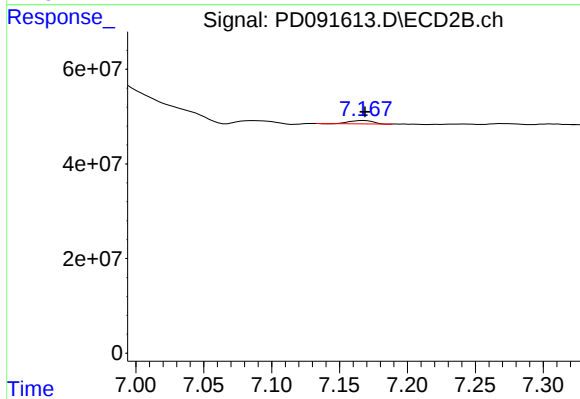
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



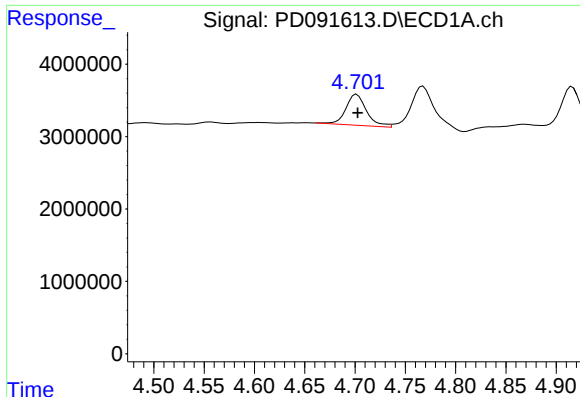
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.003 min
Response: 1465354
Conc: 0.39 ng/ml



#22 Mirex

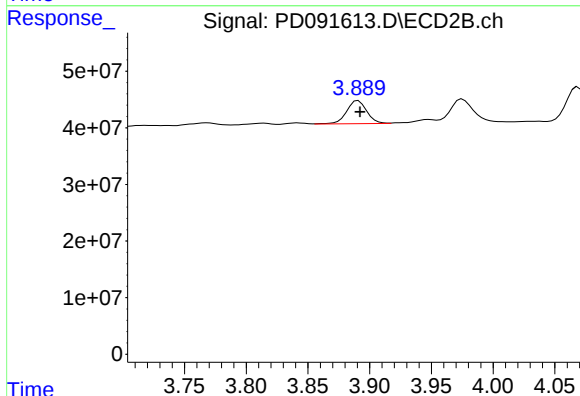
R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 8306897
Conc: 0.25 ng/ml



#23 Chlordane-1

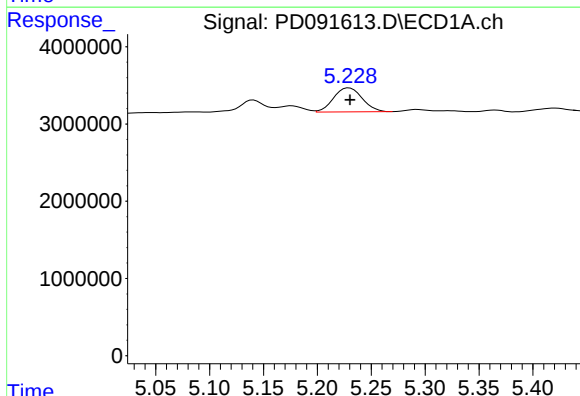
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 6107630
Conc: 29.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



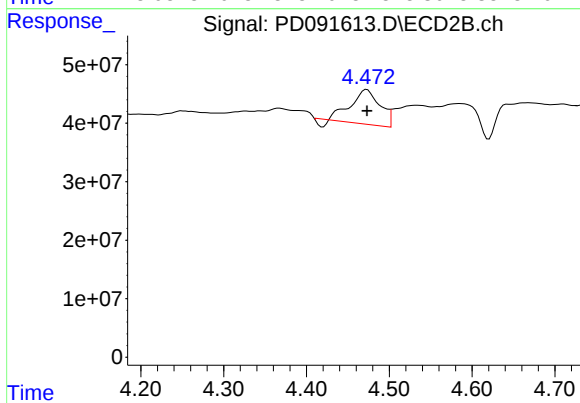
#23 Chlordane-1

R.T.: 3.891 min
Delta R.T.: -0.001 min
Response: 46082307
Conc: 30.85 ng/ml



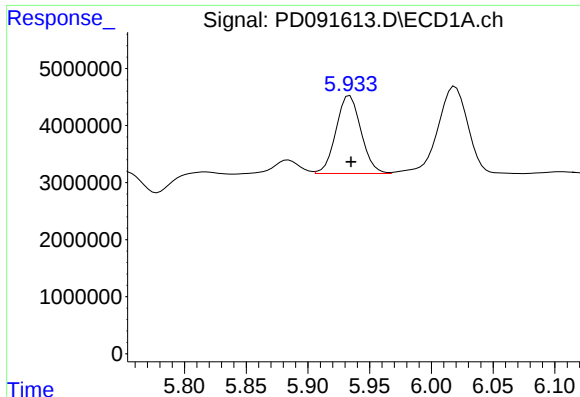
#24 Chlordane-2

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 5776178
Conc: 28.24 ng/ml



#24 Chlordane-2

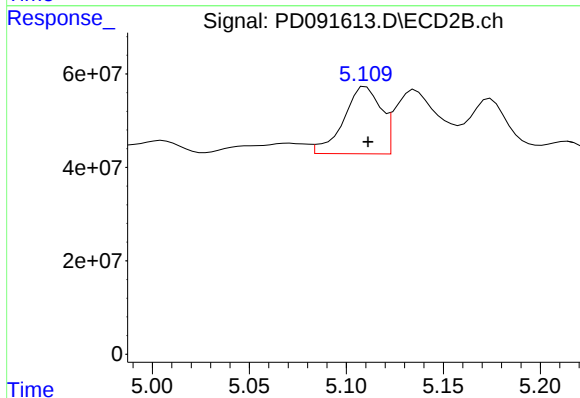
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 140510719
Conc: 88.99 ng/ml



#25 Chlordane-3

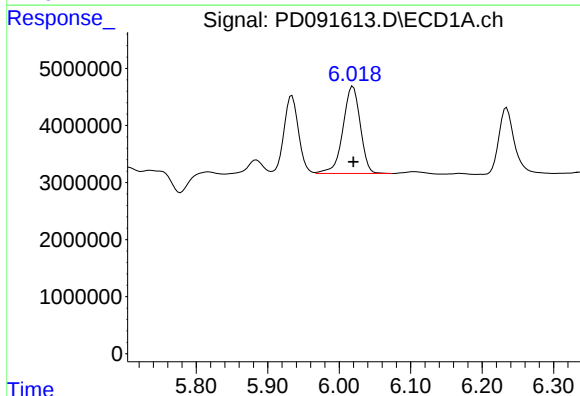
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 19215676
Conc: 23.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



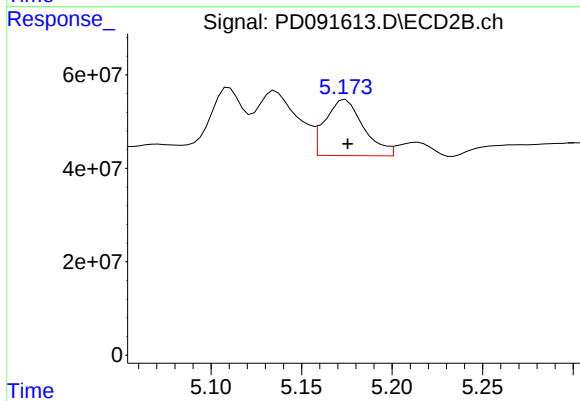
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 191165355
Conc: 37.54 ng/ml



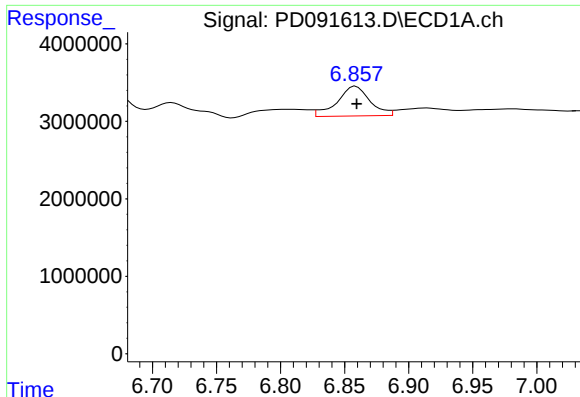
#26 Chlordane-4

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 25795083
Conc: 25.40 ng/ml



#26 Chlordane-4

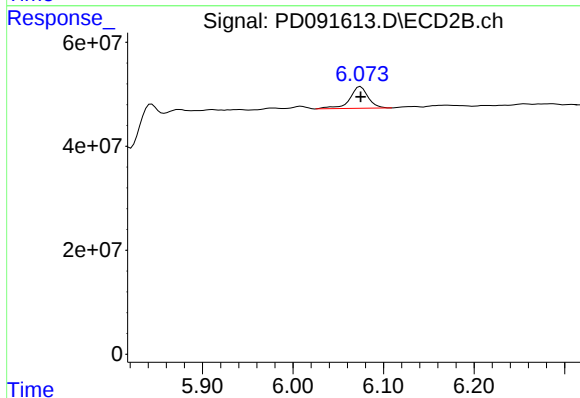
R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 177961351
Conc: 41.69 ng/ml



#27 Chlordane-5

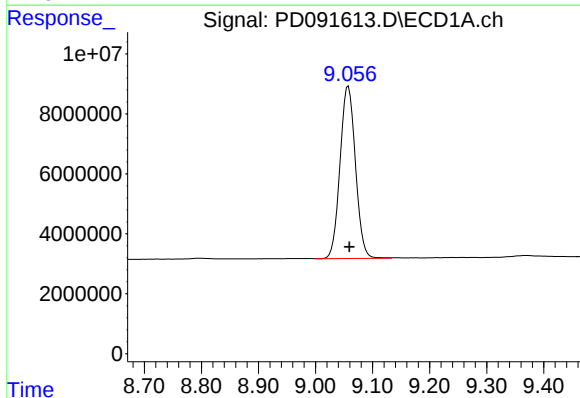
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 6800838
Conc: 38.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



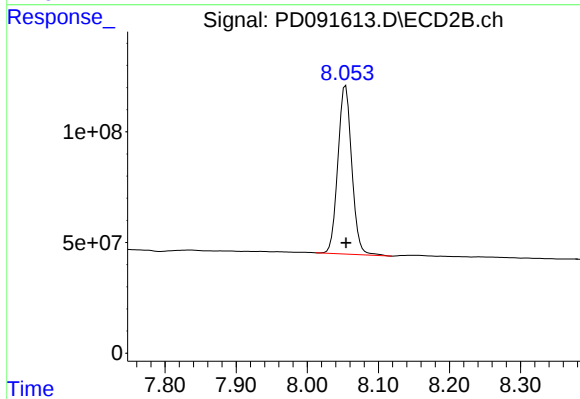
#27 Chlordane-5

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 58673273
Conc: 30.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.002 min
Response: 107905521
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 1031215391
Conc: 24.90 ng/ml