

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 10:59
 Operator : AR\AJ
 Sample : Q2893-09
 Misc : PEST MDL 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:46:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.552	2.876	49737817	473.3E6	16.947	21.465 #
28)	SA Decachlor...	9.073	8.065	92845483	580.9E6	21.512	22.440
Target Compounds							
2)	A alpha-BHC	4.001	3.388	5381402	62724629	0.897	1.848 #
3)	MA gamma-BHC...	0.000	3.724	0	43624757	N.D.	1.400 #
4)	MA Heptachlor	4.930	4.077	20132963	42787240	3.589	1.372 #
5)	MB Aldrin	5.271	4.363	4993712	41288877	0.922	1.356 #
6)	B beta-BHC	4.519	4.020	2943188	21857882	1.312	1.640
7)	B delta-BHC	4.768	4.257	15028350	42013632	2.903	1.332 #
8)	B Heptachlo...	5.691	4.866	8516758	42141384	1.736	1.522
9)	A Endosulfan I	6.075	5.241	5020552	35652888	1.088	1.360
10)	B gamma-Chl...	5.947	5.119	5136257	42420397	1.050	1.433 #
11)	B alpha-Chl...	6.028	5.184	5240018	40903734	1.065	1.433 #
12)	B 4,4'-DDE	6.197	5.369	4483179	40387394	1.022	1.401 #
13)	MA Dieldrin	6.347	5.506	3386146	41227823	0.692	1.408 #
14)	MA Endrin	0.000	5.785	0	51557292	N.D.	1.936 #
15)	B Endosulfa...	6.787	6.074	6887541	36875425	1.632	1.458
16)	A 4,4'-DDD	6.707	5.923	4264228	32790495	1.233	1.364
17)	MA 4,4'-DDT	7.022	6.177	2855624	32809958	0.750	1.309 #
18)	B Endrin al...	6.916	6.253	3783743	31015508	1.320	1.801 #
19)	B Endosulfa...	7.150	6.476	3606638	33718418	0.920	1.383 #
20)	A Methoxychlor	7.494	6.748	2798652	20966541	1.395	1.626
21)	B Endrin ke...	7.631	6.985	4727351	27677907	1.141	1.039
22)	Mirex	8.114	7.178	3772815	29118968	1.196	1.410
23)	Chlordane-1	0.000	3.900	0	319040	N.D.	0.359 #
24)	Chlordane-2	0.000	4.494	0	3880011	N.D.	4.050 #
25)	Chlordane-3	5.947	5.119	5136257	42420397	7.573	15.309 #
26)	Chlordane-4	6.028	5.184	5240018	40903734	6.311	16.994 #
27)	Chlordane-5	0.000	6.074	0	36875425	N.D.	33.524 #

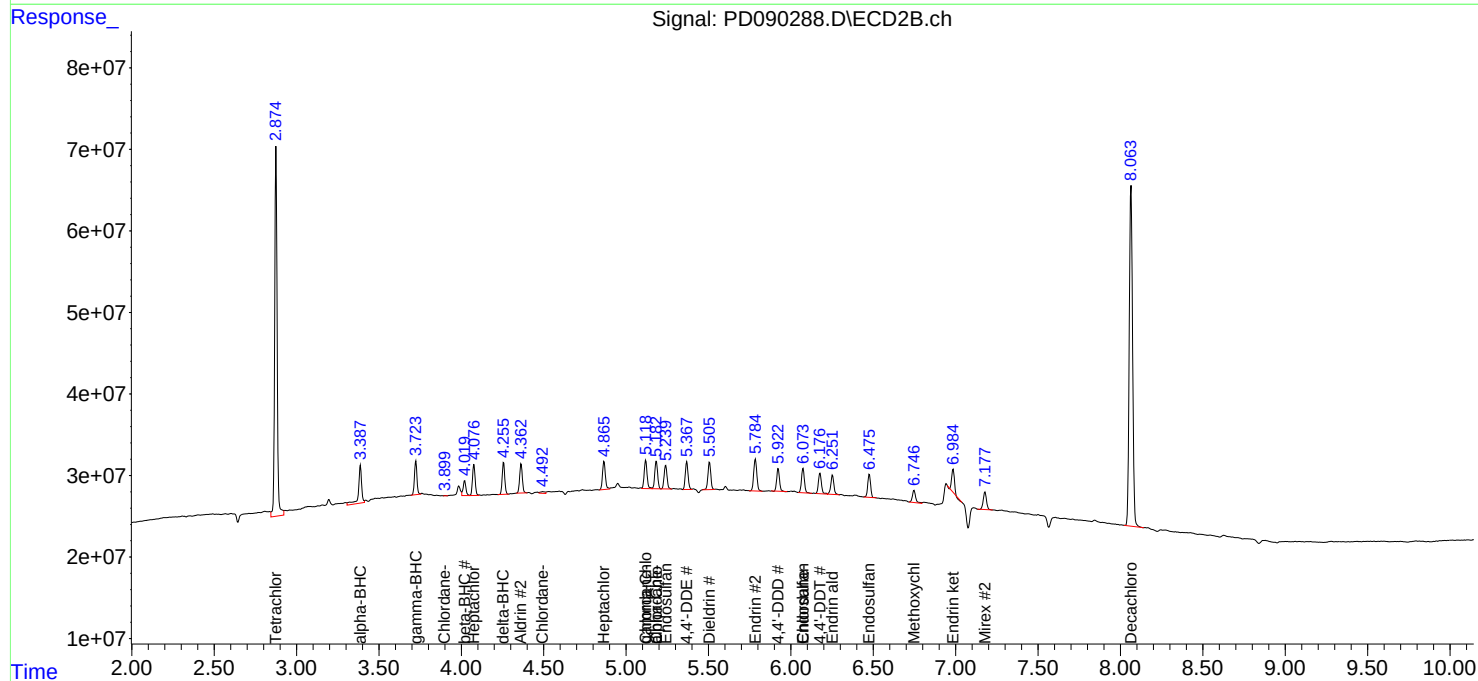
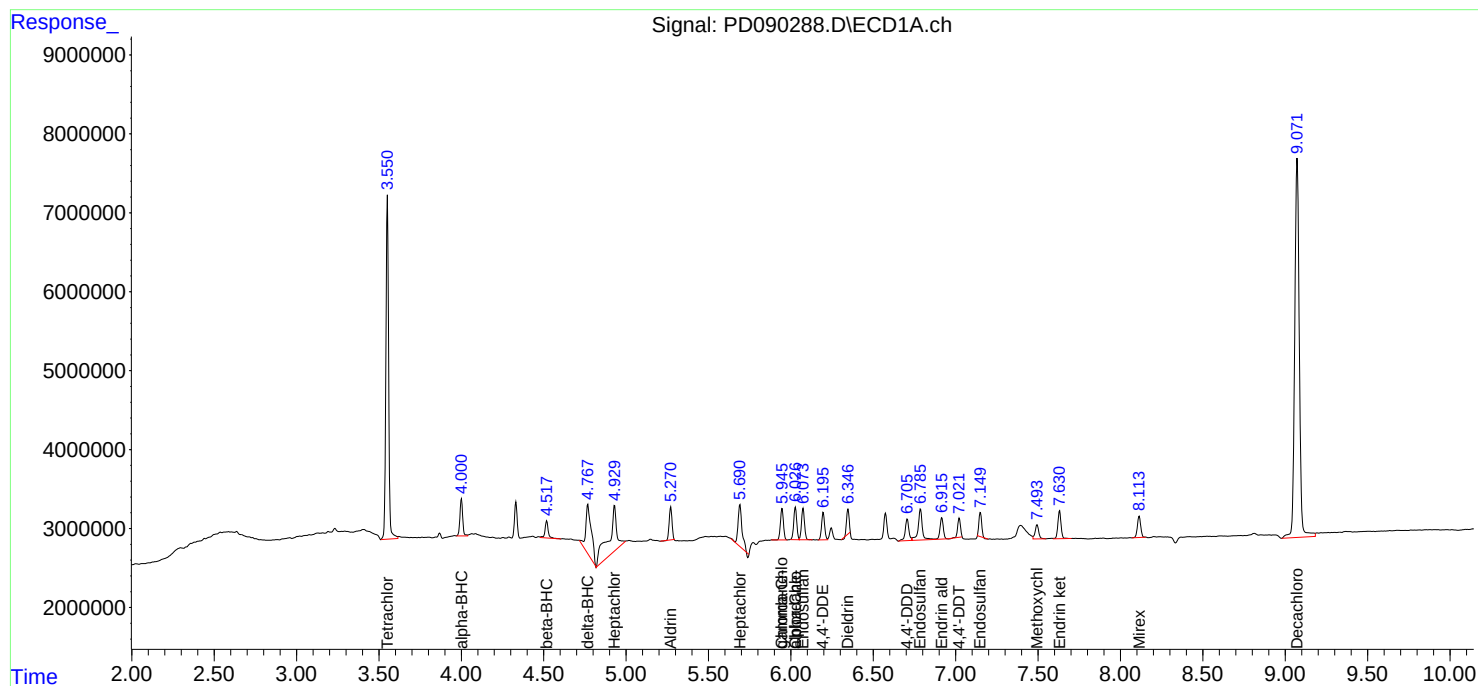
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

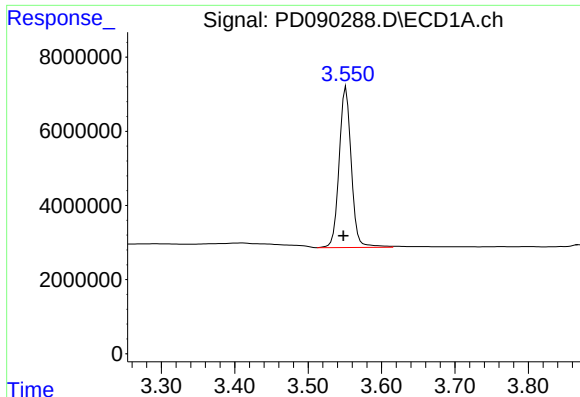
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 10:59
Operator : AR\AJ
Sample : Q2893-09
Misc : PEST MDL 1PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:46:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

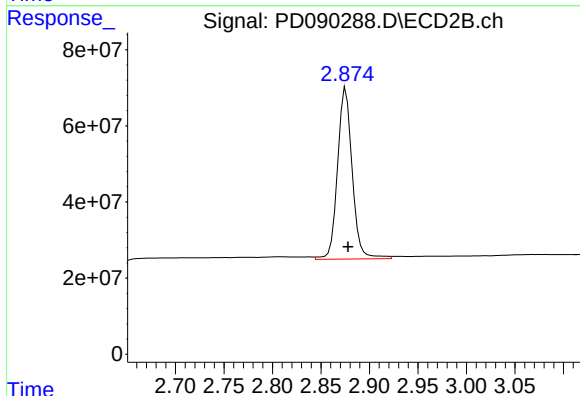




#1 Tetrachloro-m-xylene

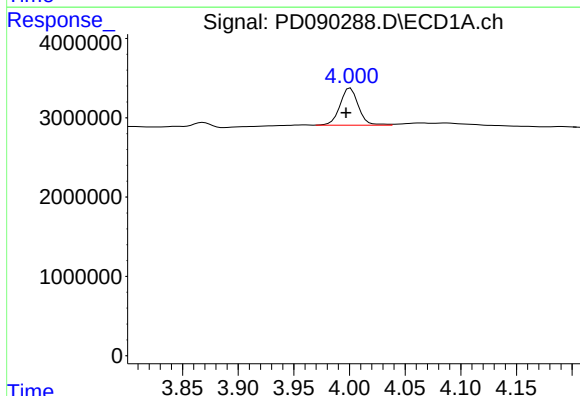
R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 49737817
Conc: 16.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



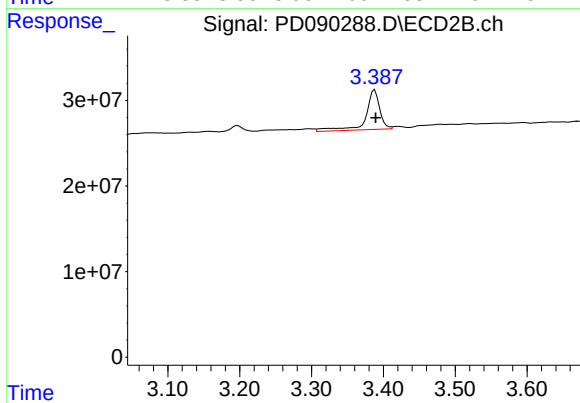
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 473325930
Conc: 21.47 ng/ml



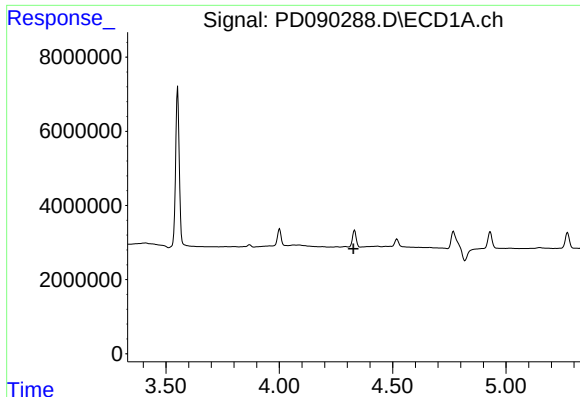
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.004 min
Response: 5381402
Conc: 0.90 ng/ml



#2 alpha-BHC

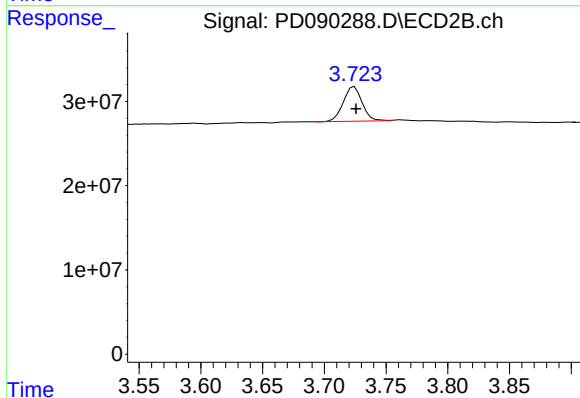
R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 62724629
Conc: 1.85 ng/ml



#3 gamma-BHC (Lindane)

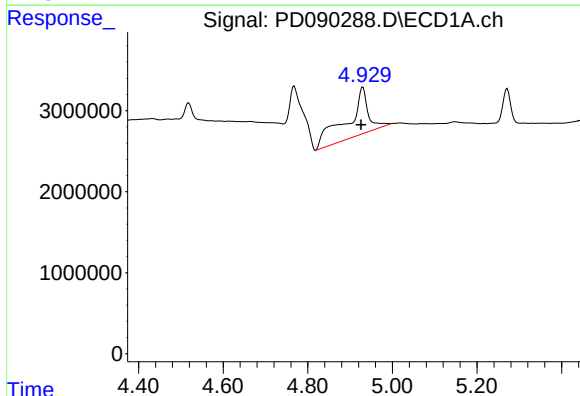
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



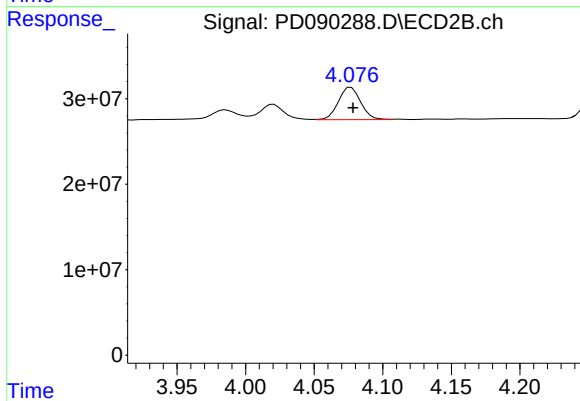
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 43624757
Conc: 1.40 ng/ml



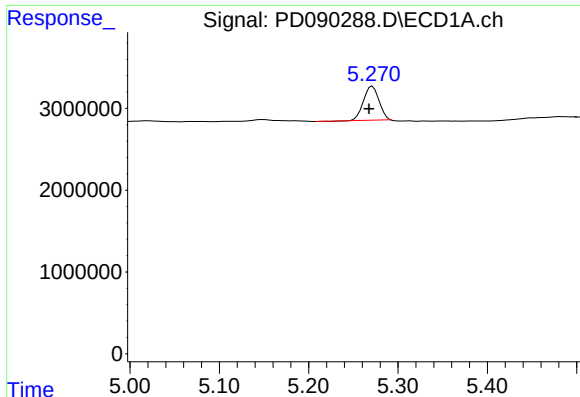
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.004 min
Response: 20132963
Conc: 3.59 ng/ml



#4 Heptachlor

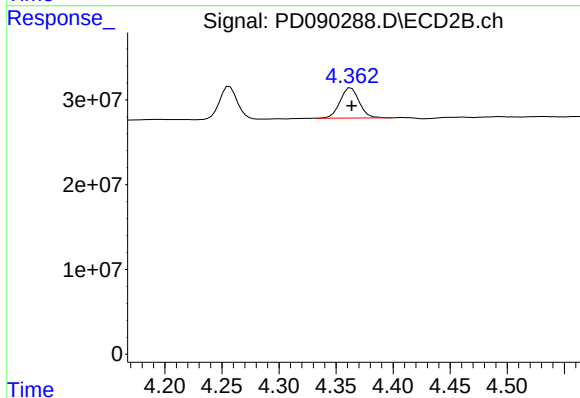
R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 42787240
Conc: 1.37 ng/ml



#5 Aldrin

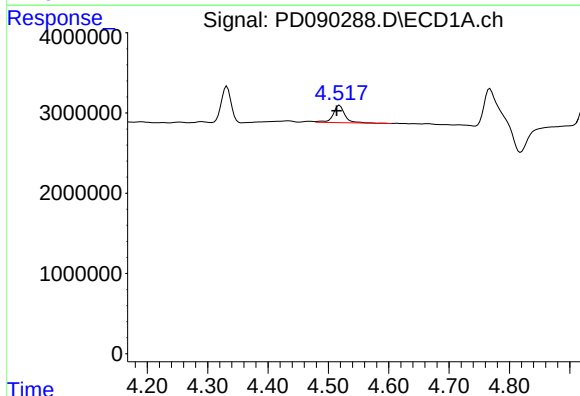
R.T.: 5.271 min
Delta R.T.: 0.004 min
Response: 4993712
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



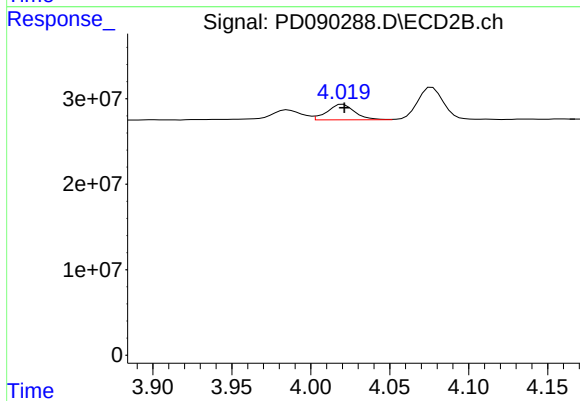
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 41288877
Conc: 1.36 ng/ml



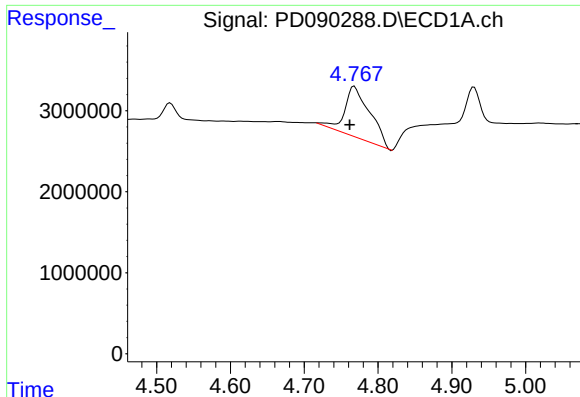
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 2943188
Conc: 1.31 ng/ml



#6 beta-BHC

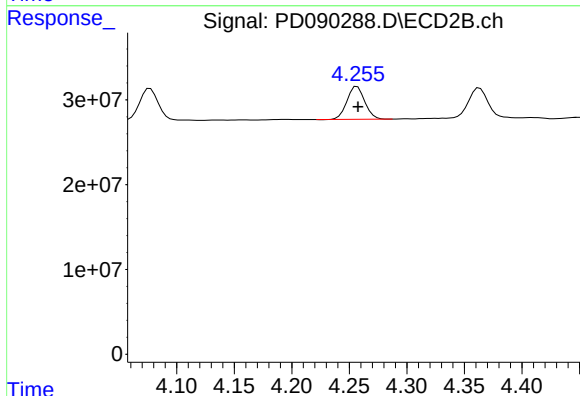
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 21857882
Conc: 1.64 ng/ml



#7 delta-BHC

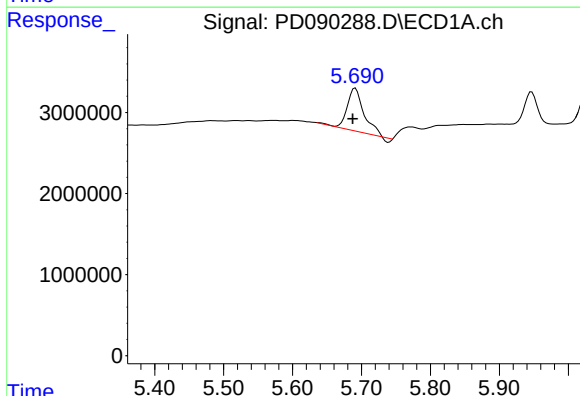
R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 15028350
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



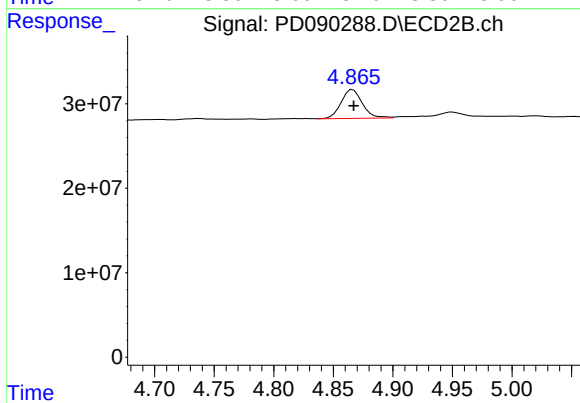
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 42013632
Conc: 1.33 ng/ml



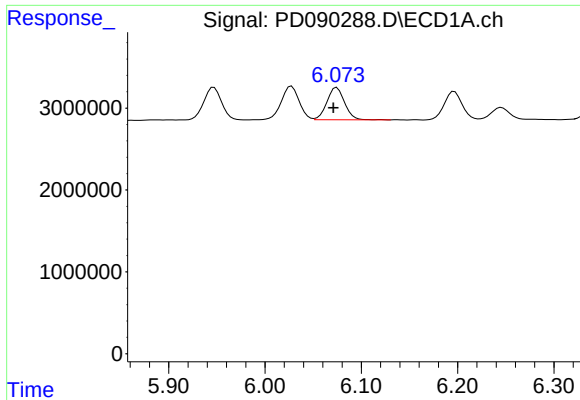
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.004 min
Response: 8516758
Conc: 1.74 ng/ml



#8 Heptachlor epoxide

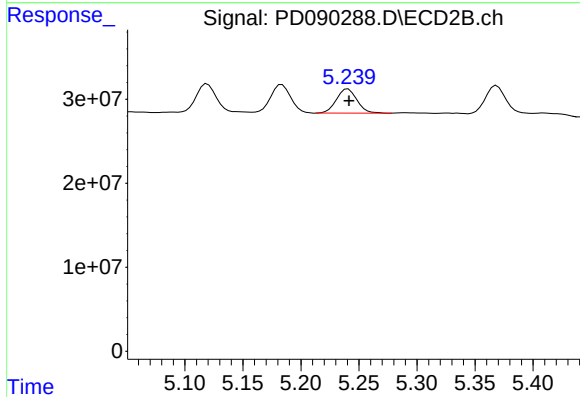
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 42141384
Conc: 1.52 ng/ml



#9 Endosulfan I

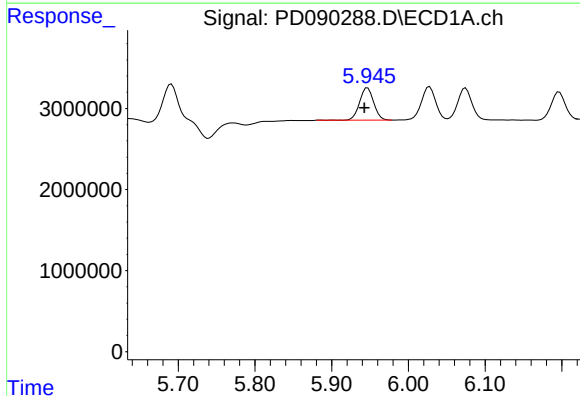
R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 5020552
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



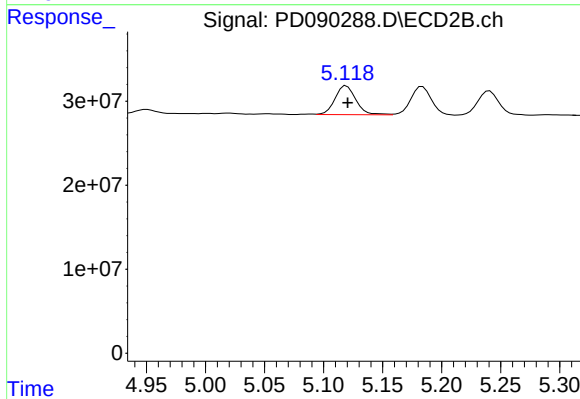
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 35652888
Conc: 1.36 ng/ml



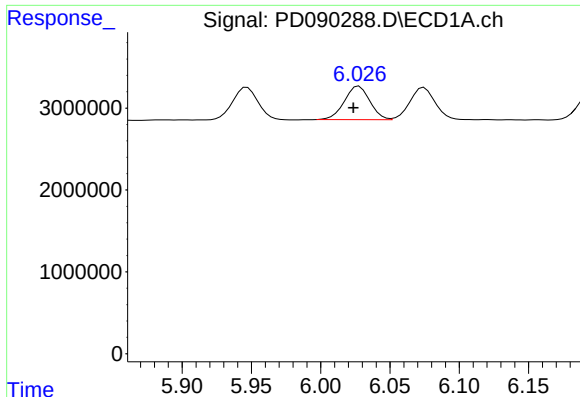
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.004 min
Response: 5136257
Conc: 1.05 ng/ml



#10 gamma-Chlordane

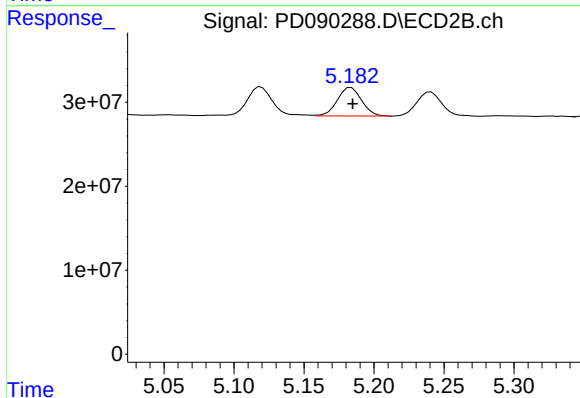
R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 42420397
Conc: 1.43 ng/ml



#11 alpha-Chlordane

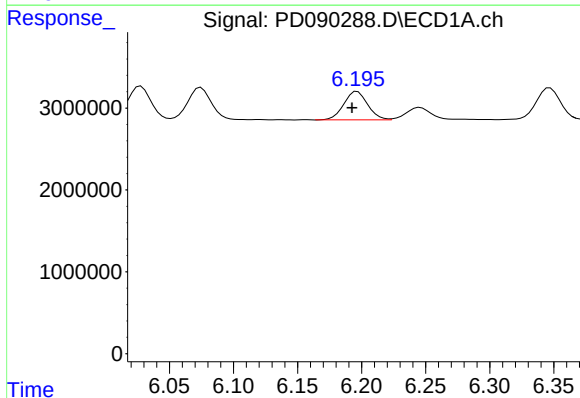
R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 5240018
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



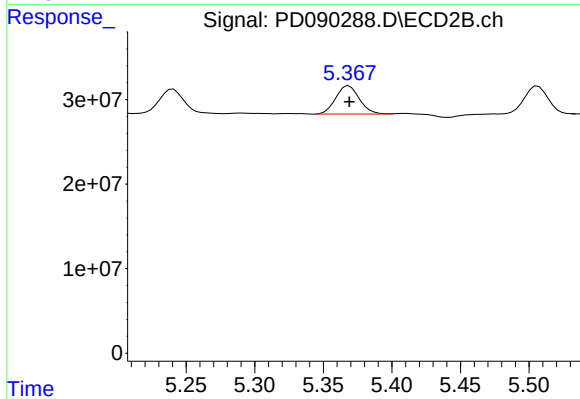
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 40903734
Conc: 1.43 ng/ml



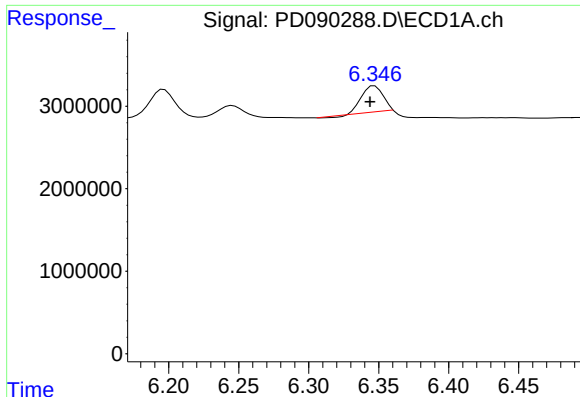
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 4483179
Conc: 1.02 ng/ml



#12 4,4'-DDE

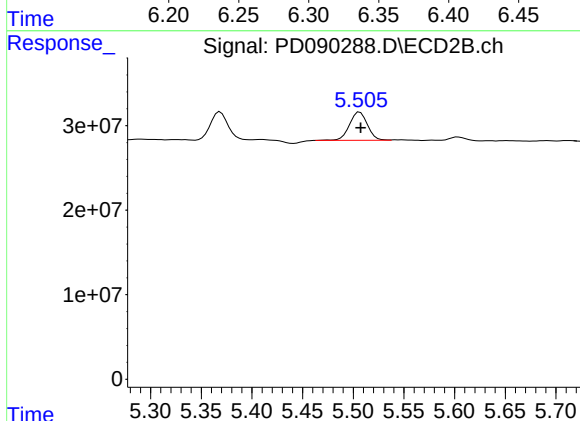
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 40387394
Conc: 1.40 ng/ml



#13 Dieldrin

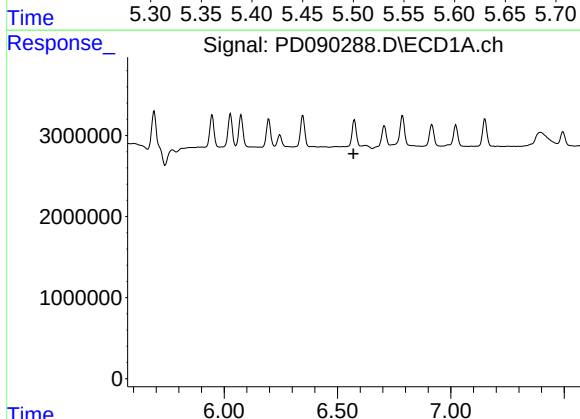
R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 3386146
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



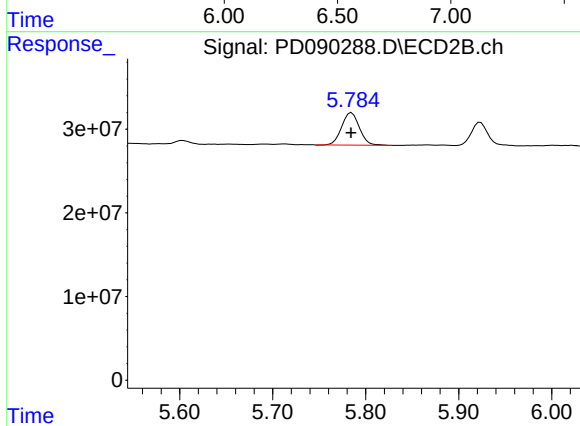
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 41227823
Conc: 1.41 ng/ml



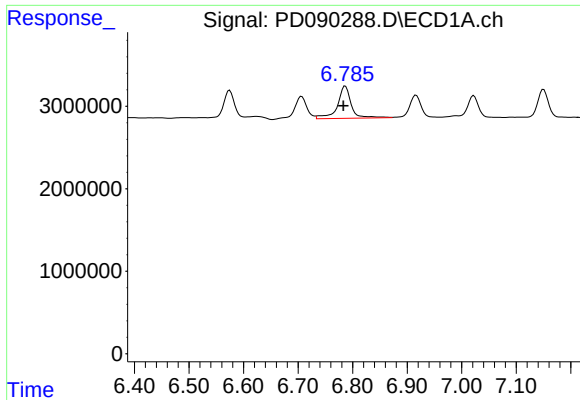
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

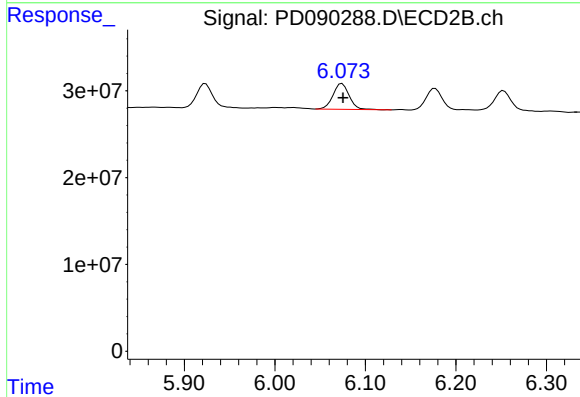
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 51557292
Conc: 1.94 ng/ml



#15 Endosulfan II

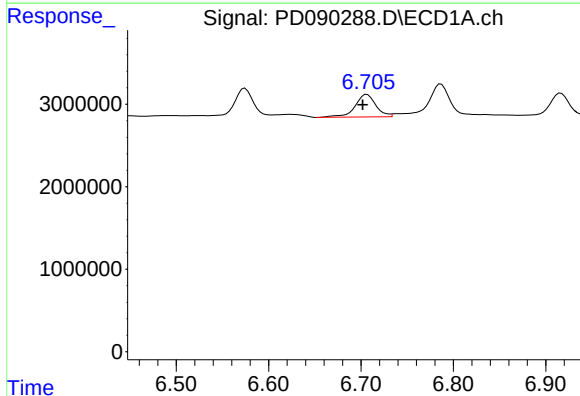
R.T.: 6.787 min
Delta R.T.: 0.004 min
Response: 6887541
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



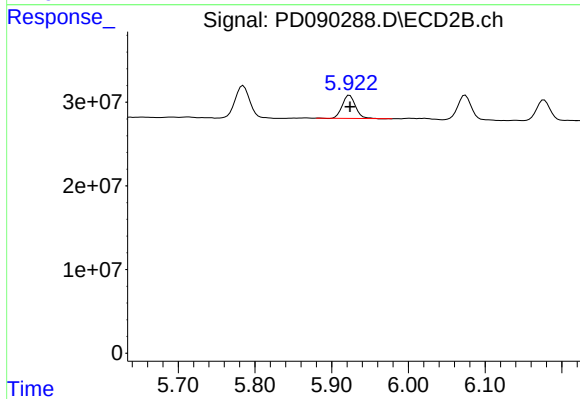
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 36875425
Conc: 1.46 ng/ml



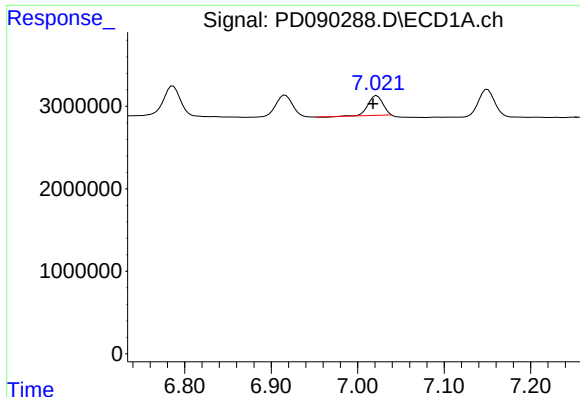
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.005 min
Response: 4264228
Conc: 1.23 ng/ml



#16 4,4'-DDD

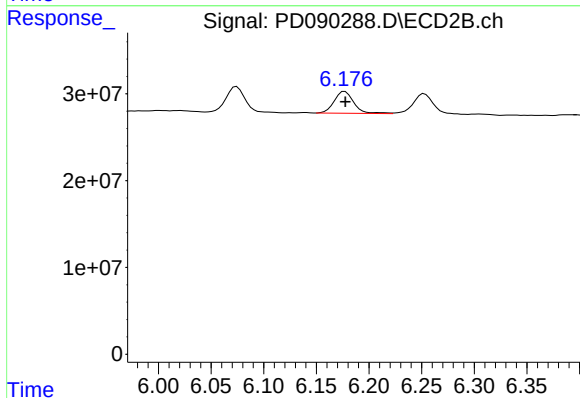
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 32790495
Conc: 1.36 ng/ml



#17 4,4'-DDT

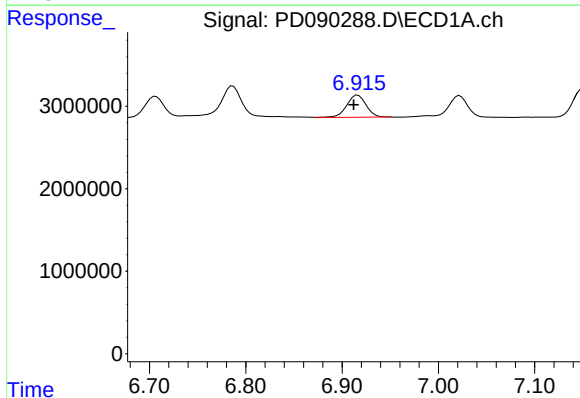
R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 2855624
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



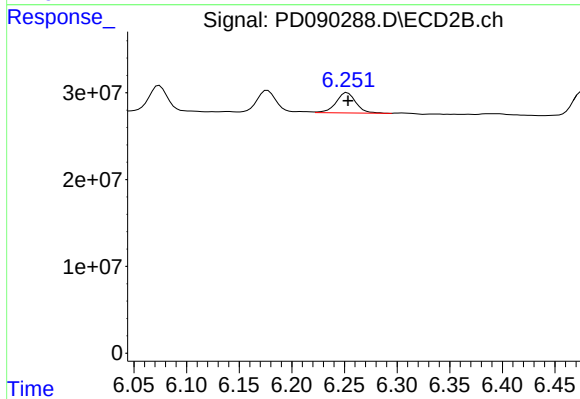
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 32809958
Conc: 1.31 ng/ml



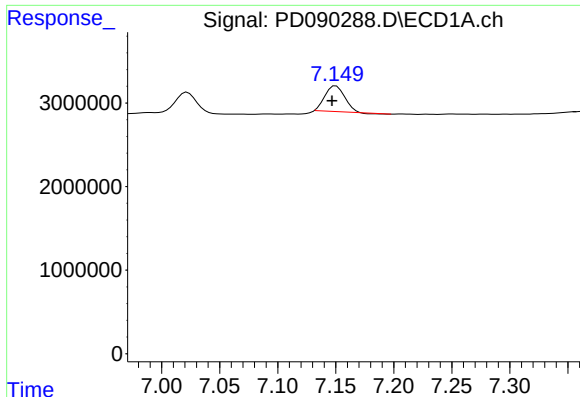
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 3783743
Conc: 1.32 ng/ml



#18 Endrin aldehyde

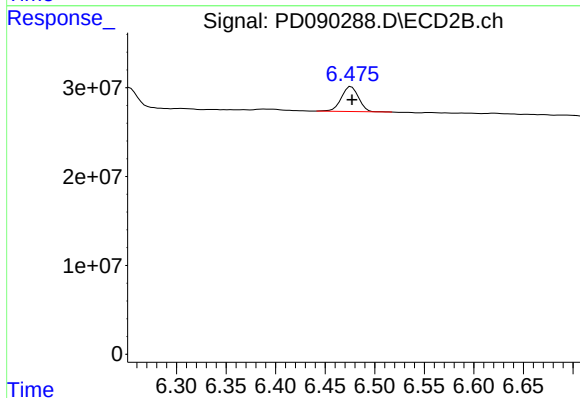
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 31015508
Conc: 1.80 ng/ml



#19 Endosulfan Sulfate

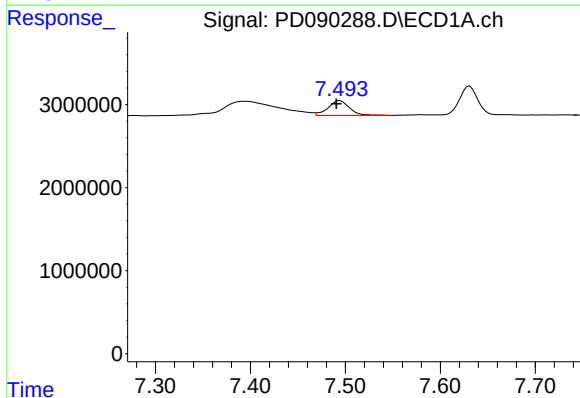
R.T.: 7.150 min
Delta R.T.: 0.003 min
Response: 3606638
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



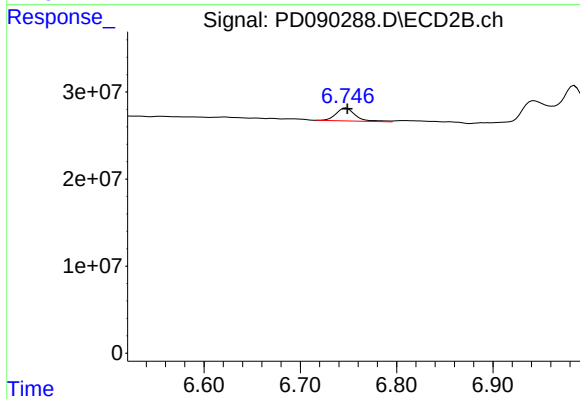
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 33718418
Conc: 1.38 ng/ml



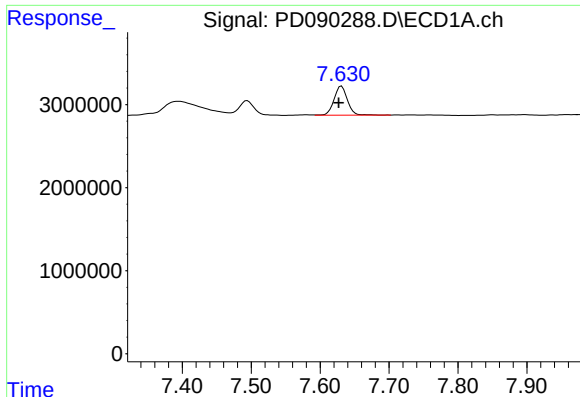
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.004 min
Response: 2798652
Conc: 1.40 ng/ml



#20 Methoxychlor

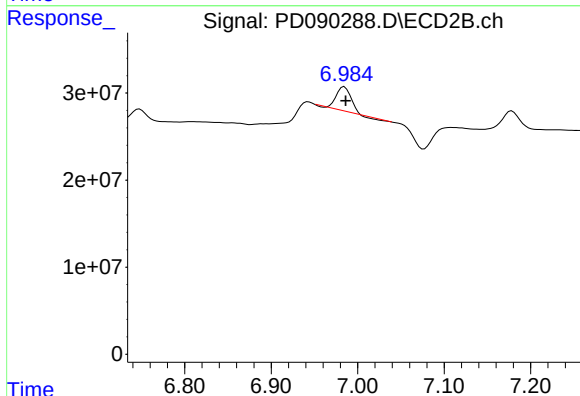
R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 20966541
Conc: 1.63 ng/ml



#21 Endrin ketone

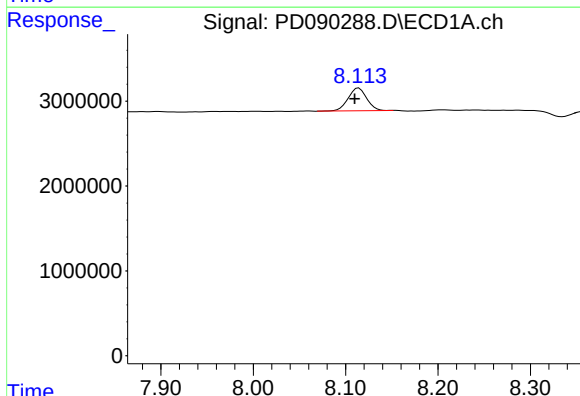
R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 4727351
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



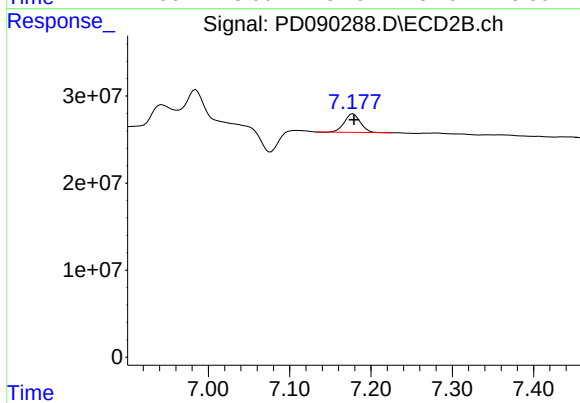
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 27677907
Conc: 1.04 ng/ml



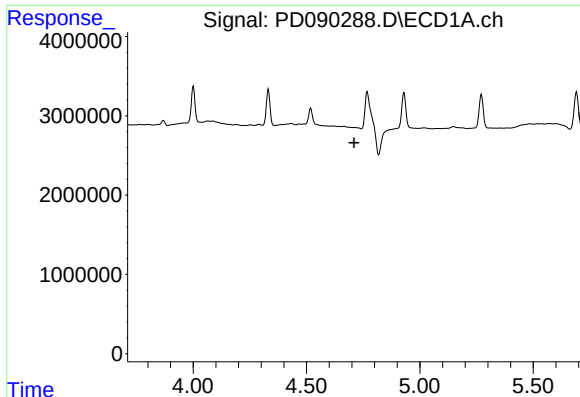
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.004 min
Response: 3772815
Conc: 1.20 ng/ml



#22 Mirex

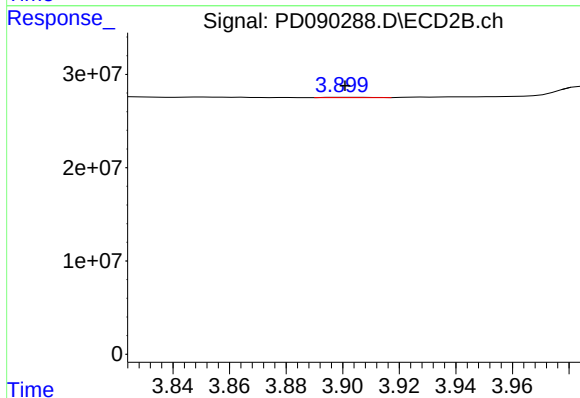
R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 29118968
Conc: 1.41 ng/ml



#23 Chlordane-1

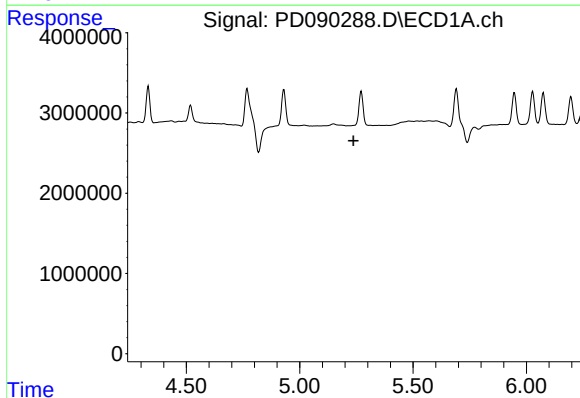
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



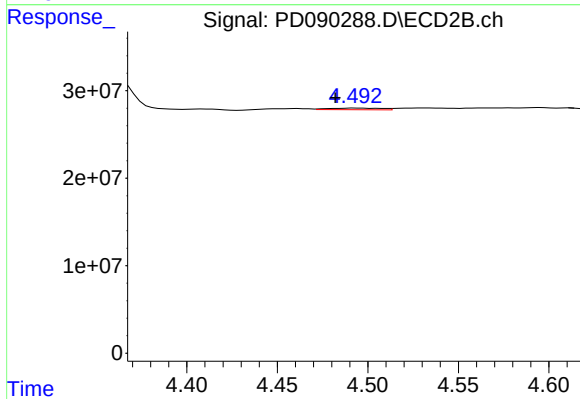
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 319040
Conc: 0.36 ng/ml



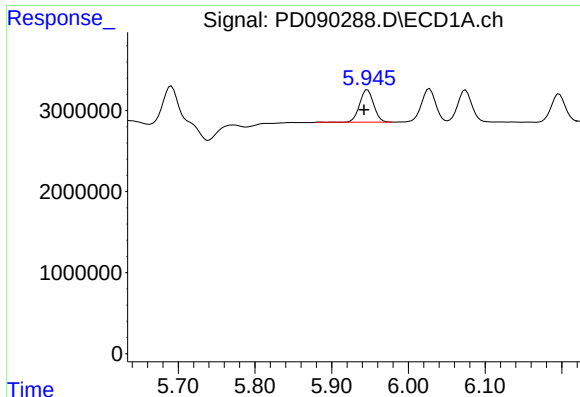
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

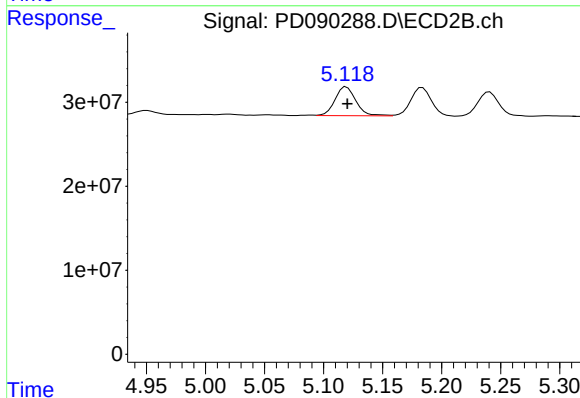
R.T.: 4.494 min
Delta R.T.: 0.012 min
Response: 3880011
Conc: 4.05 ng/ml



#25 Chlordane-3

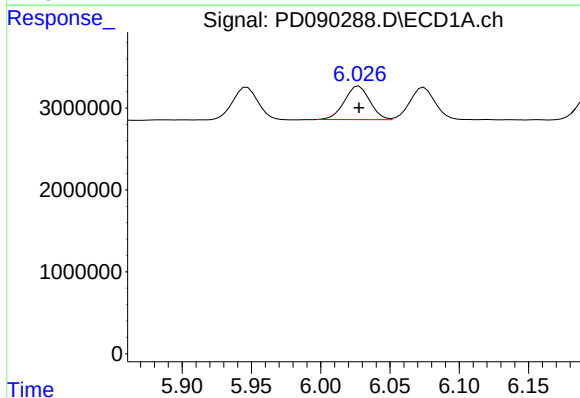
R.T.: 5.947 min
Delta R.T.: 0.005 min
Response: 5136257
Conc: 7.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



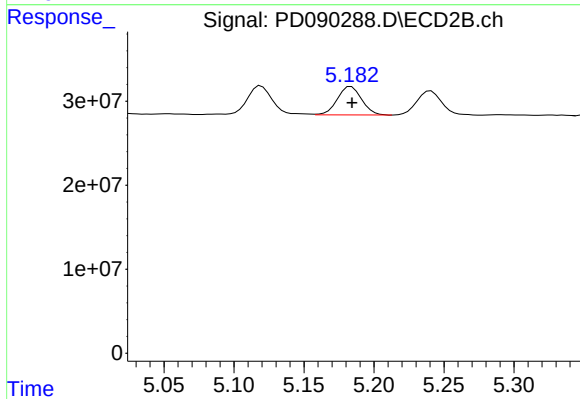
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 42420397
Conc: 15.31 ng/ml



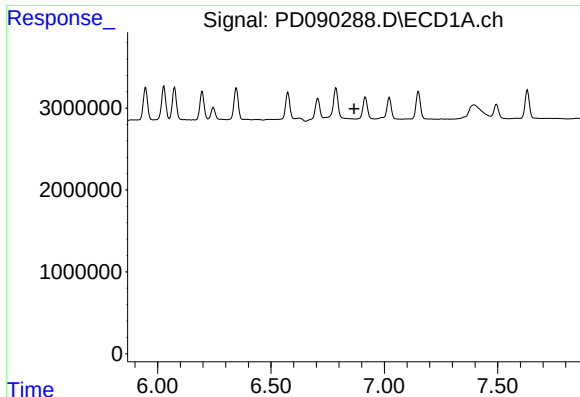
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 5240018
Conc: 6.31 ng/ml



#26 Chlordane-4

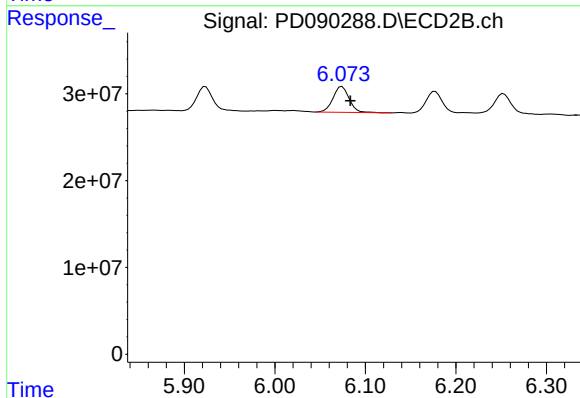
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 40903734
Conc: 16.99 ng/ml



#27 Chlordane-5

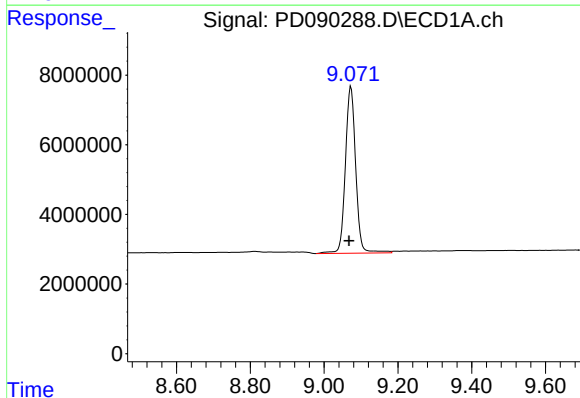
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2025



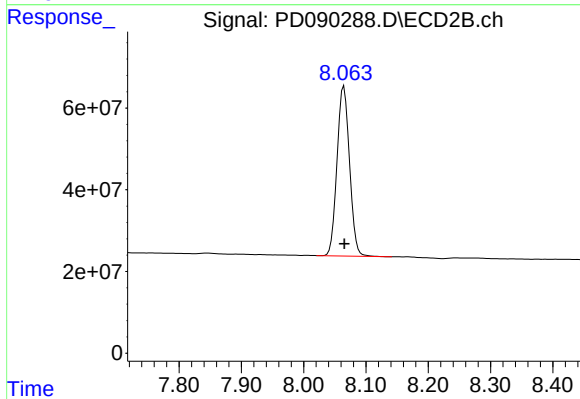
#27 Chlordane-5

R.T.: 6.074 min
Delta R.T.: -0.009 min
Response: 36875425
Conc: 33.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.006 min
Response: 92845483
Conc: 21.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 580871557
Conc: 22.44 ng/ml