

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 18:23
 Operator : AR\AJ
 Sample : Q2381-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 291431

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:53:11 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	2.882	33803828	165.7E6	11.848	9.776
28)	SA Decachlor...	9.076	8.070	52120221	325.1E6	13.270	16.444
Target Compounds							
2)	A alpha-BHC	3.978f	0.000	3395478	0	0.583	N.D. #
3)	MA gamma-BHC...	4.300f	3.735	62228941	36550266	11.149	1.476 #
4)	MA Heptachlor	4.945f	4.086	10300899	11296911	1.889	0.451 #
5)	MB Aldrin	5.253f	4.372	11404191	10176197	2.146	0.420 #
6)	B beta-BHC	4.521	4.040	4134873	4021.4E6	1.873	374.211 #
7)	B delta-BHC	4.779f	4.254	10448264	3104136	2.036	0.125 #
8)	Heptachlo...	5.689	4.872	-14013968	75788899	N.D.	3.461
9)	A Endosulfan I	6.097f	5.268f	25799478	47258596	5.724	2.267 #
10)	B gamma-Chl...	5.946	5.126	265.0E6	279.1E6	55.355	11.665 #
11)	B alpha-Chl...	6.034	5.189	612.7E6	683.6E6	126.631	29.855 #
12)	B 4,4'-DDE	6.195	5.375	11751118	-10098769	2.695	N.D. #
13)	MA Dieldrin	6.346	5.512	13426893	75265798	2.799	3.243
14)	MA Endrin	6.570	5.797	4648878	756.1E6	1.127	34.819 #
15)	B Endosulfa...	6.800	6.090	5841933	197.0E6	1.447	9.754 #
16)	A 4,4'-DDD	6.683f	5.929	53745781	-61605692	15.660	N.D. #
17)	MA 4,4'-DDT	7.020	6.181	5150028	50700255	1.359	2.500 #
18)	B Endrin al...	6.924	6.270	16410983	30092162	5.356	1.965 #
19)	B Endosulfa...	0.000	6.496	0	22521963	N.D.	1.148 #
20)	A Methoxychlor	7.490	6.736f	2039633	20338020	1.009	1.889 #
21)	B Endrin ke...	7.612f	6.967f	3171114	54326016	0.779	2.515 #
22)	Mirex	0.000	7.197	0	12170780	N.D.	0.730 #
24)	Chlordane-2	5.253	4.494	11404191	34793107	52.238	36.562 #
25)	Chlordane-3	5.946	5.126	265.0E6	279.1E6	307.306	93.950 #
26)	Chlordane-4	6.034	5.189	612.7E6	683.6E6	583.137	272.704 #
27)	Chlordane-5	6.870	6.090	29199690	197.0E6	159.771	174.085

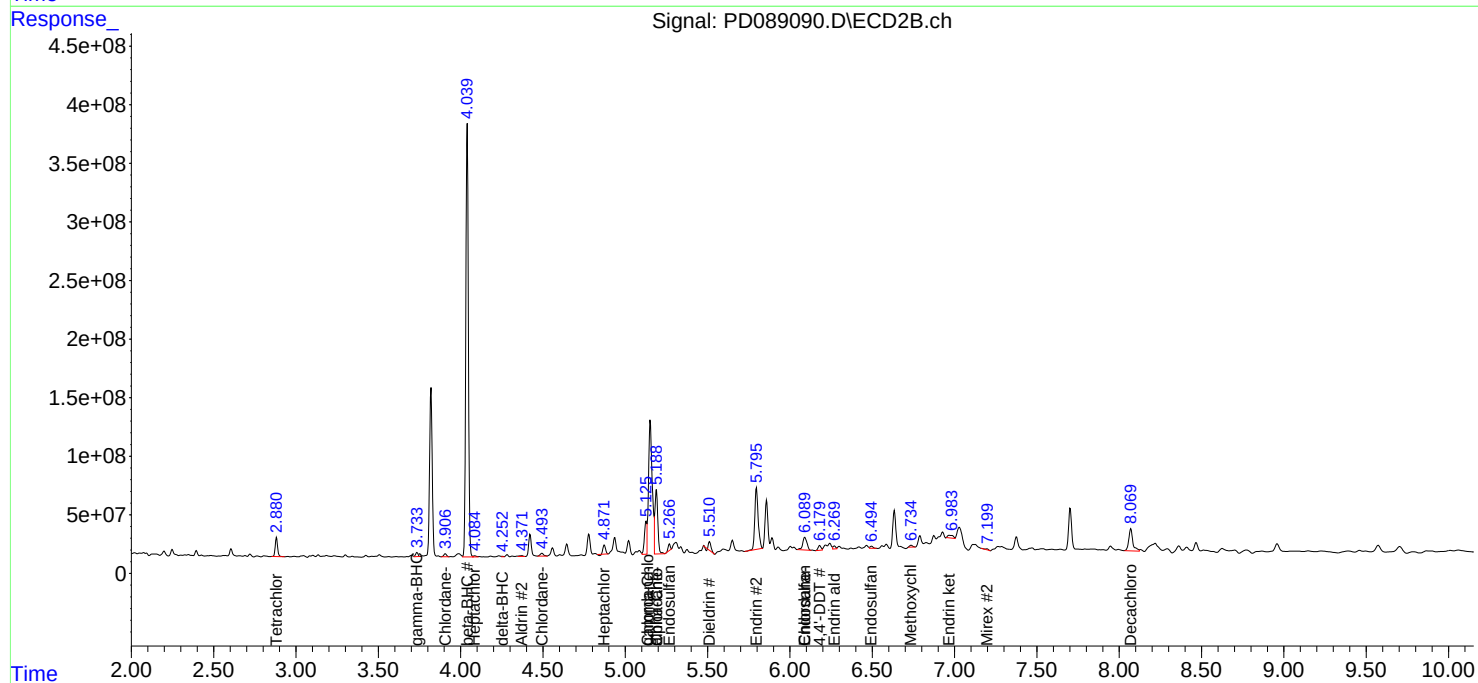
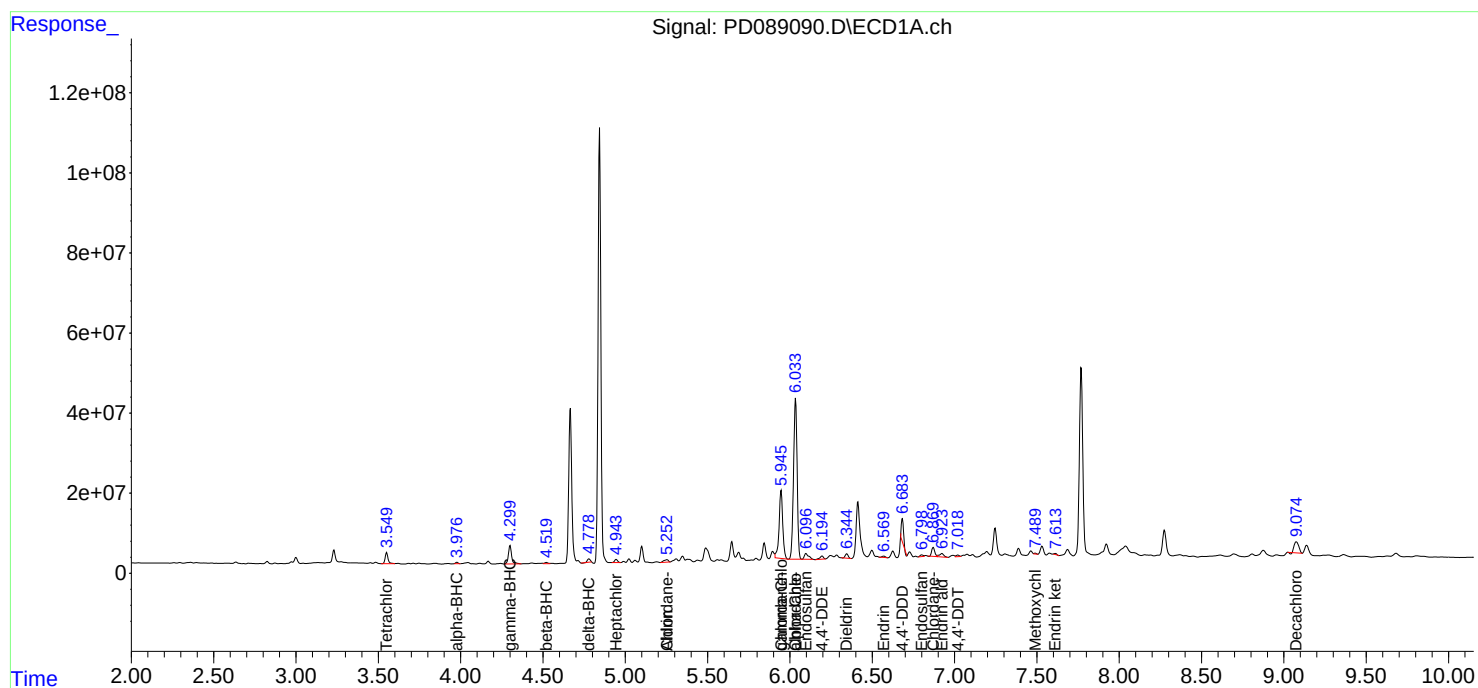
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

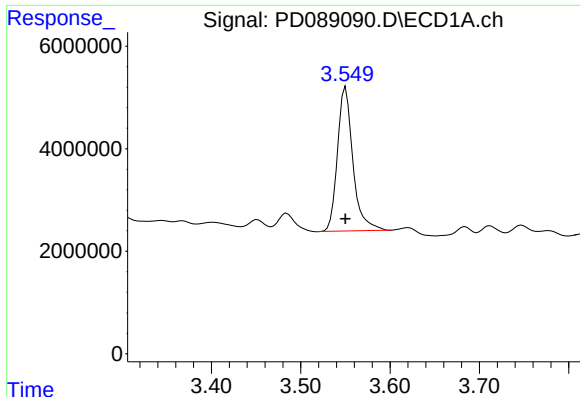
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
Data File : PD089090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 18:23
Operator : AR\AJ
Sample : Q2381-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
291431

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 24 01:53:11 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

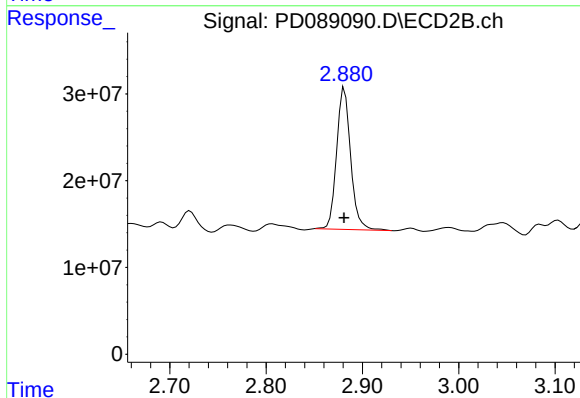




#1 Tetrachloro-m-xylene

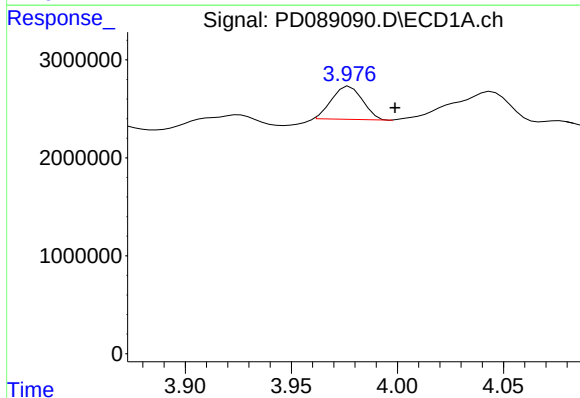
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 33803828
Conc: 11.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



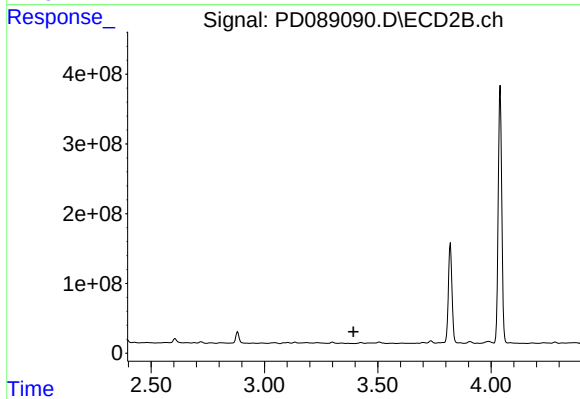
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 165739067
Conc: 9.78 ng/ml



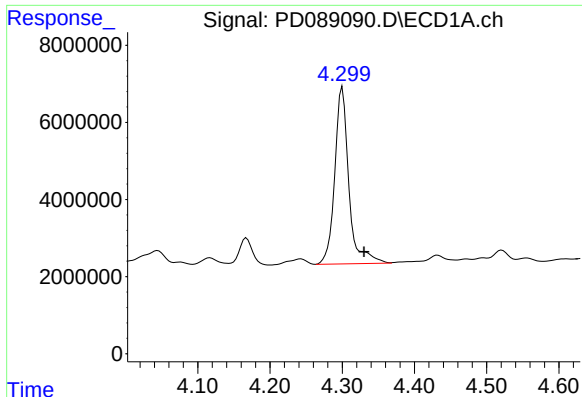
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.021 min
Response: 3395478
Conc: 0.58 ng/ml



#2 alpha-BHC

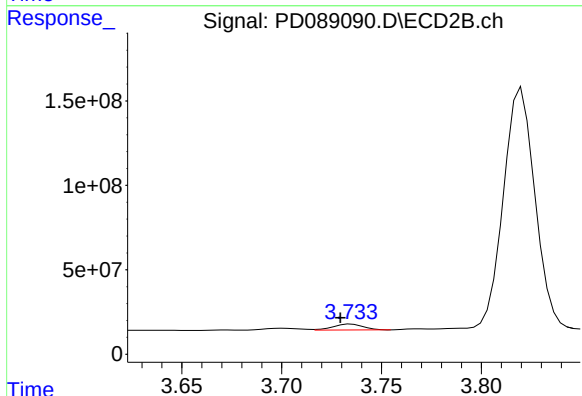
R.T.: 0.000 min
Exp R.T. : 3.393 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

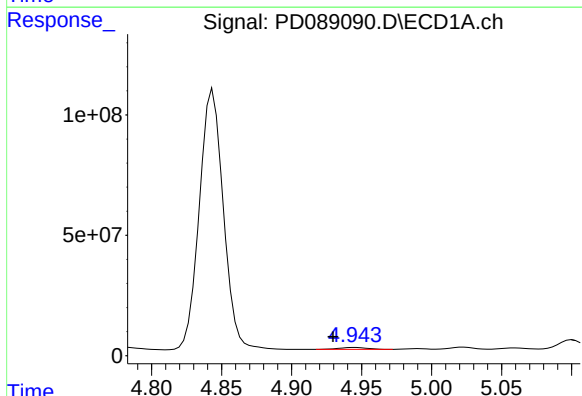
R.T.: 4.300 min
Delta R.T.: -0.030 min
Response: 62228941
Conc: 11.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



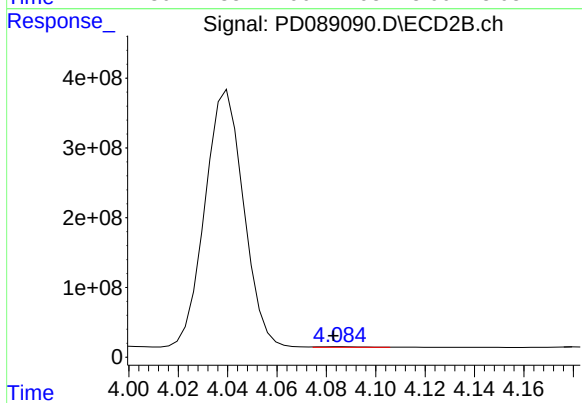
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.005 min
Response: 36550266
Conc: 1.48 ng/ml



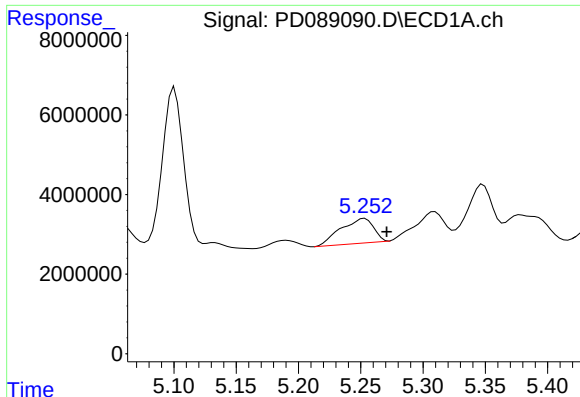
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.015 min
Response: 10300899
Conc: 1.89 ng/ml



#4 Heptachlor

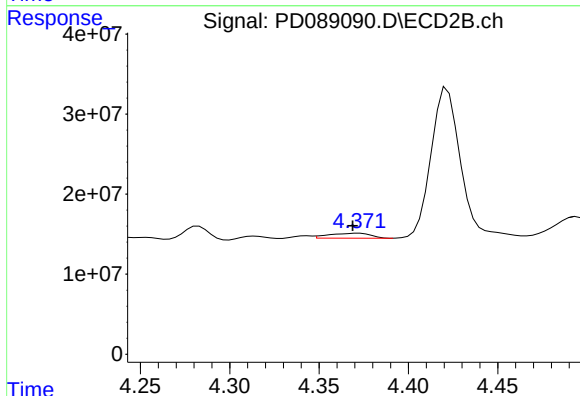
R.T.: 4.086 min
Delta R.T.: 0.003 min
Response: 11296911
Conc: 0.45 ng/ml



#5 Aldrin

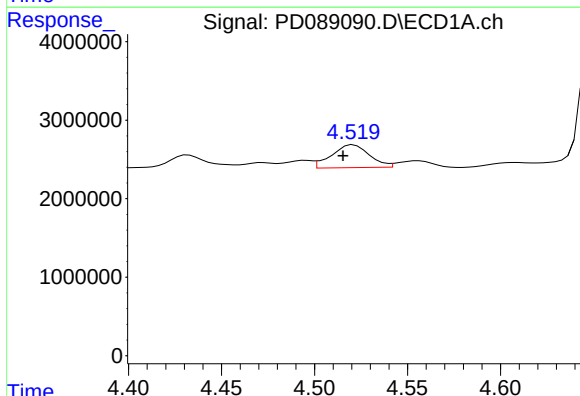
R.T.: 5.253 min
Delta R.T.: -0.018 min
Response: 11404191
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



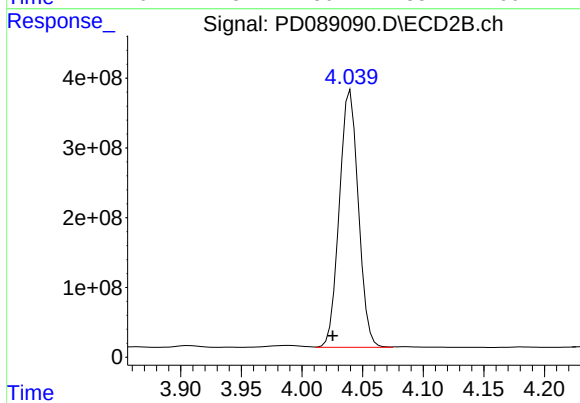
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.004 min
Response: 10176197
Conc: 0.42 ng/ml



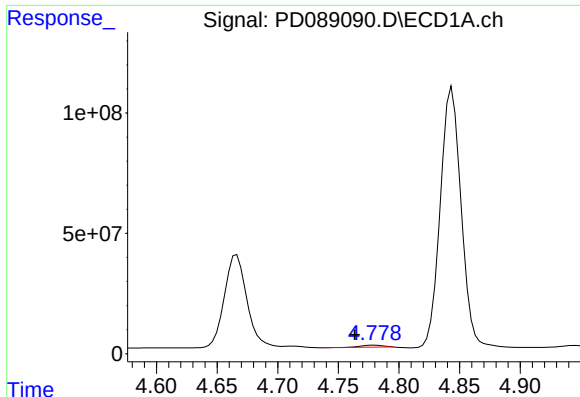
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 4134873
Conc: 1.87 ng/ml



#6 beta-BHC

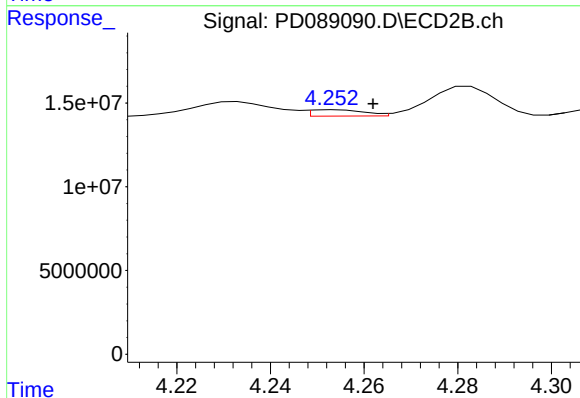
R.T.: 4.040 min
Delta R.T.: 0.015 min
Response: 4021368970
Conc: 374.21 ng/ml



#7 delta-BHC

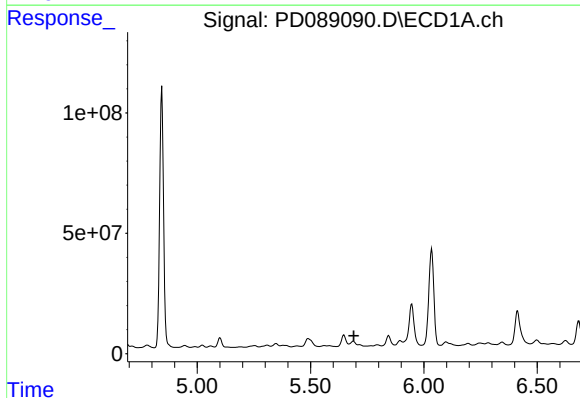
R.T.: 4.779 min
Delta R.T.: 0.016 min
Response: 10448264
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



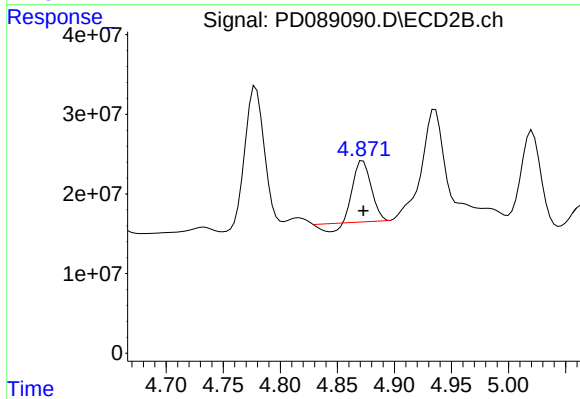
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.008 min
Response: 3104136
Conc: 0.12 ng/ml



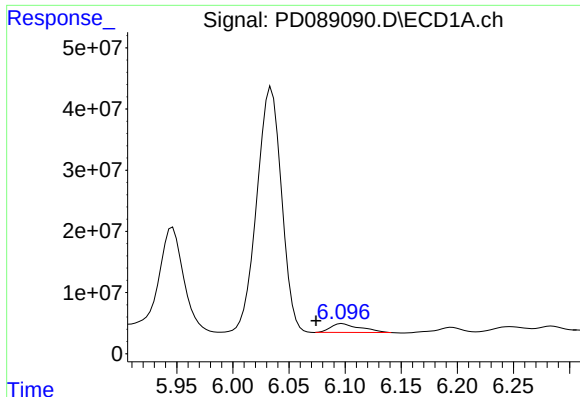
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: -14013968
Conc: N.D.



#8 Heptachlor epoxide

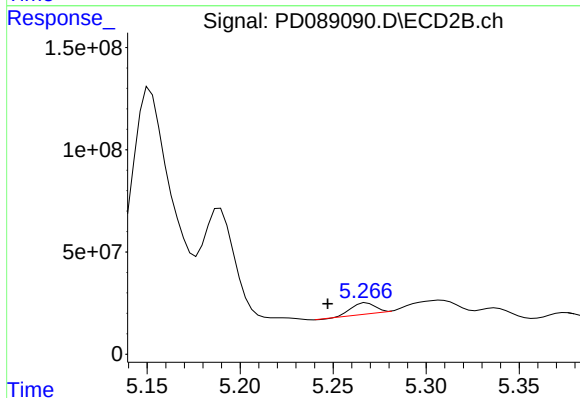
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 75788899
Conc: 3.46 ng/ml



#9 Endosulfan I

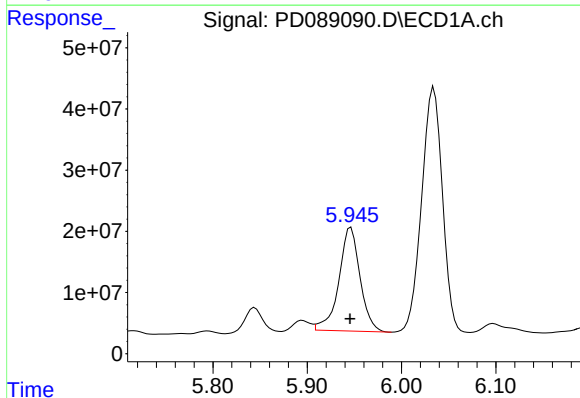
R.T.: 6.097 min
Delta R.T.: 0.023 min
Response: 25799478
Conc: 5.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



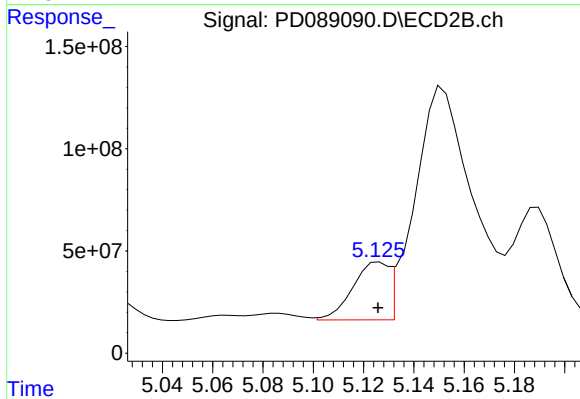
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.021 min
Response: 47258596
Conc: 2.27 ng/ml



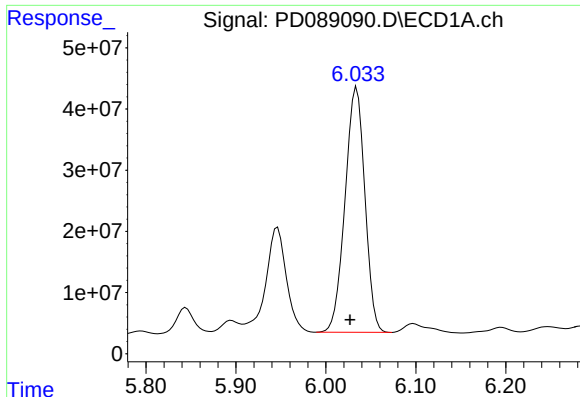
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 265045874
Conc: 55.35 ng/ml



#10 gamma-Chlordane

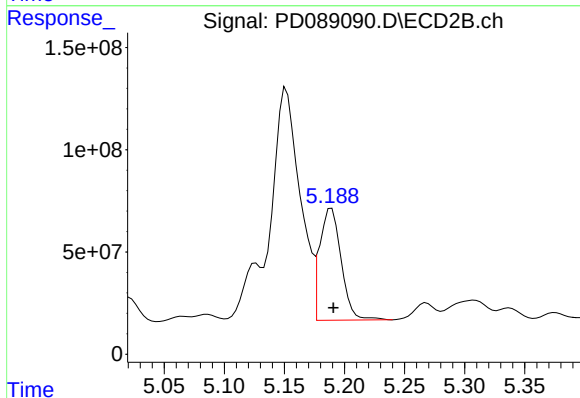
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 279050383
Conc: 11.66 ng/ml



#11 alpha-Chlordane

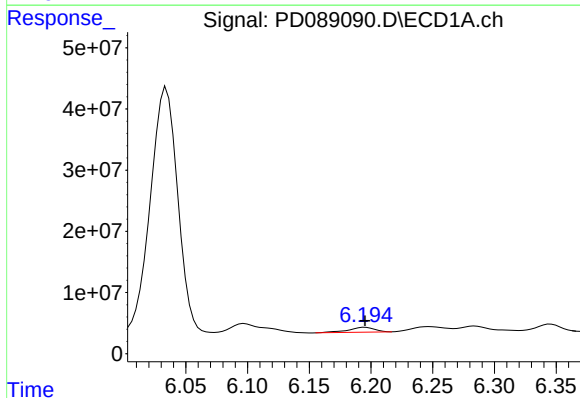
R.T.: 6.034 min
Delta R.T.: 0.008 min
Response: 612706740
Conc: 126.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



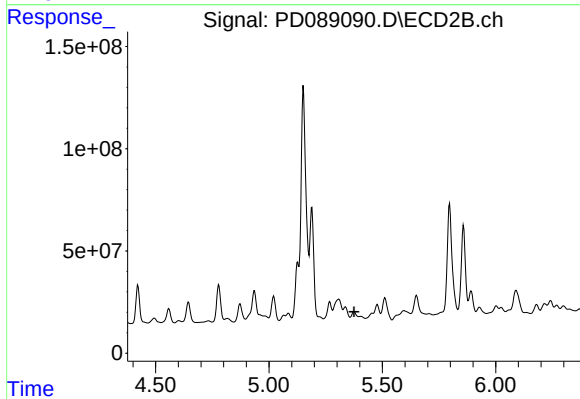
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 683591759
Conc: 29.86 ng/ml



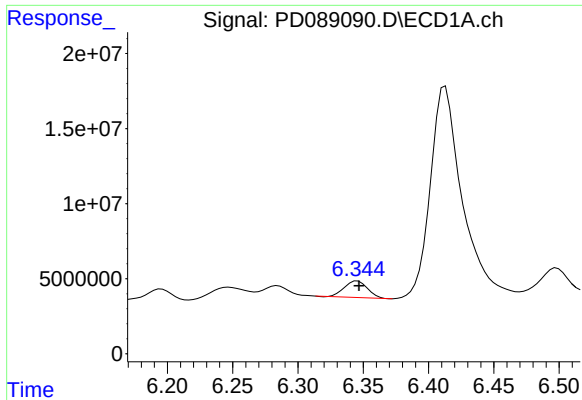
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 11751118
Conc: 2.69 ng/ml



#12 4,4'-DDE

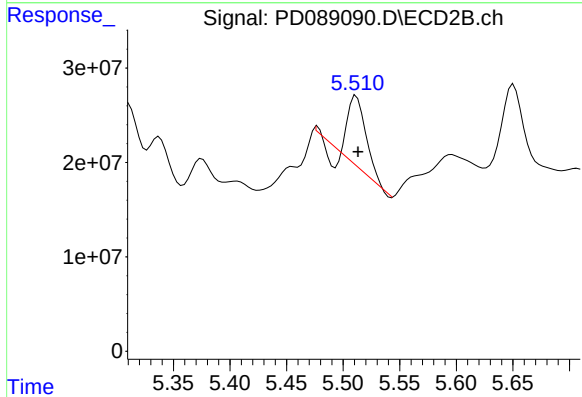
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: -10098769
Conc: N.D.



#13 Dieldrin

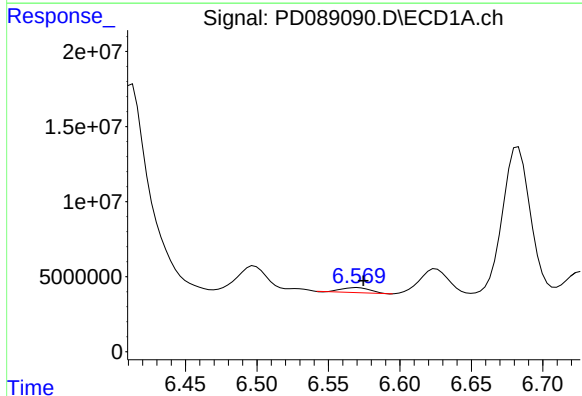
R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 13426893
Conc: 2.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



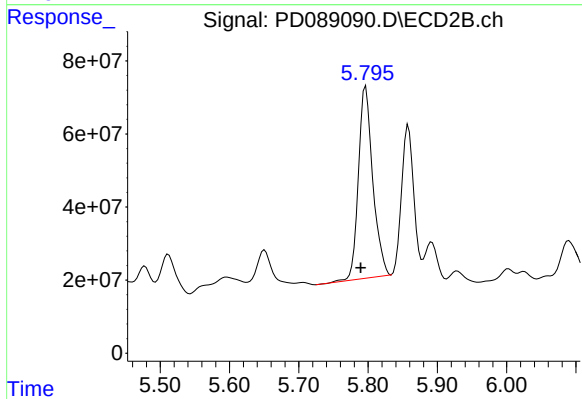
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 75265798
Conc: 3.24 ng/ml



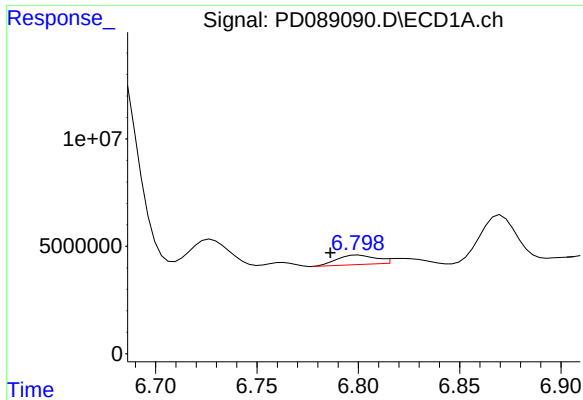
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 4648878
Conc: 1.13 ng/ml



#14 Endrin

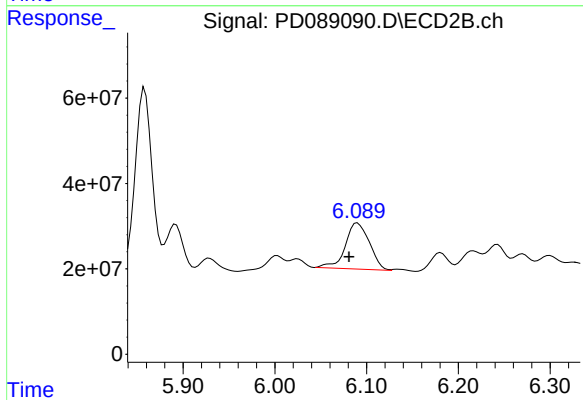
R.T.: 5.797 min
Delta R.T.: 0.008 min
Response: 756052451
Conc: 34.82 ng/ml



#15 Endosulfan II

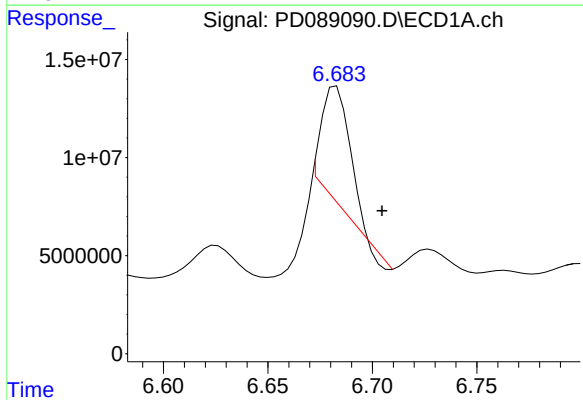
R.T.: 6.800 min
Delta R.T.: 0.014 min
Response: 5841933
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



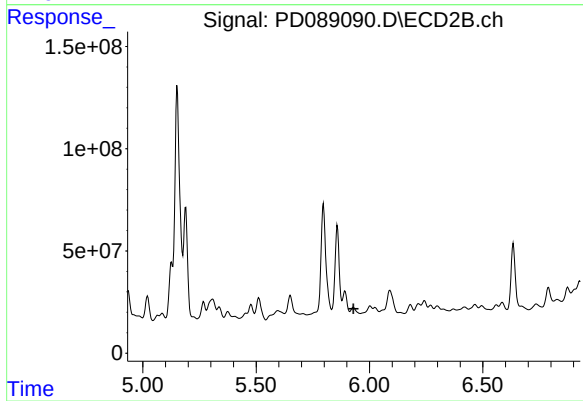
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.009 min
Response: 197004624
Conc: 9.75 ng/ml



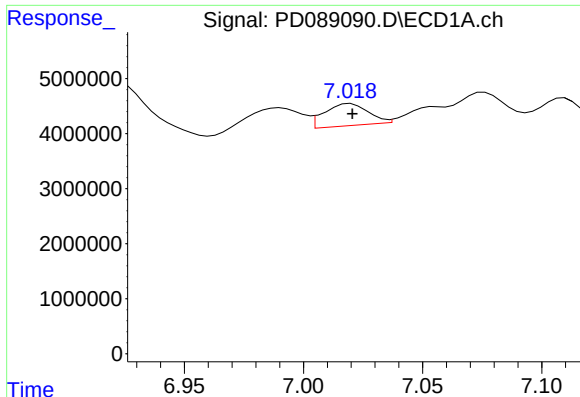
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: -0.022 min
Response: 53745781
Conc: 15.66 ng/ml



#16 4,4'-DDD

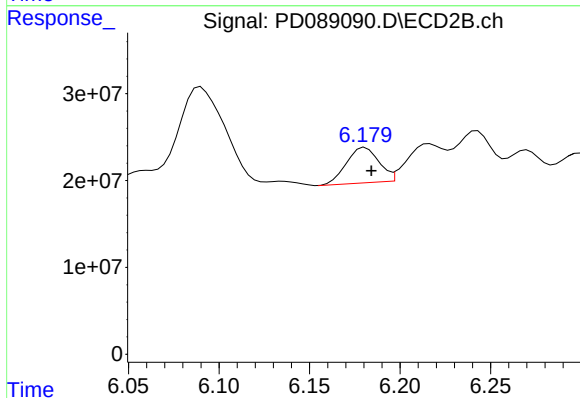
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: -61605692
Conc: N.D.



#17 4,4'-DDT

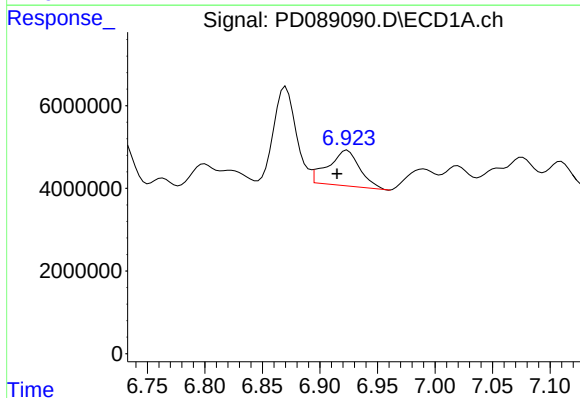
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 5150028
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



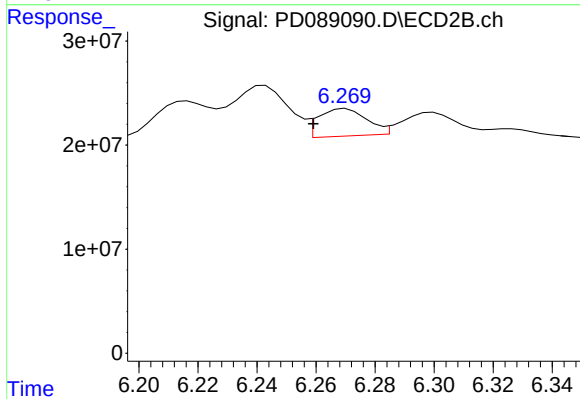
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 50700255
Conc: 2.50 ng/ml



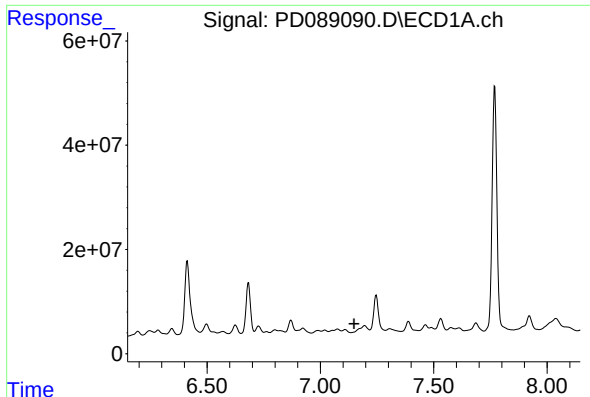
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.009 min
Response: 16410983
Conc: 5.36 ng/ml



#18 Endrin aldehyde

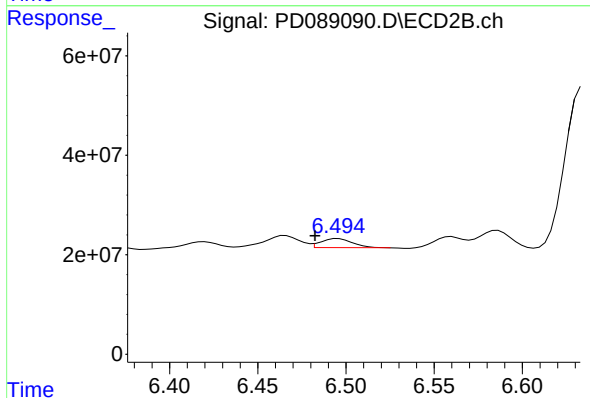
R.T.: 6.270 min
Delta R.T.: 0.011 min
Response: 30092162
Conc: 1.97 ng/ml



#19 Endosulfan Sulfate

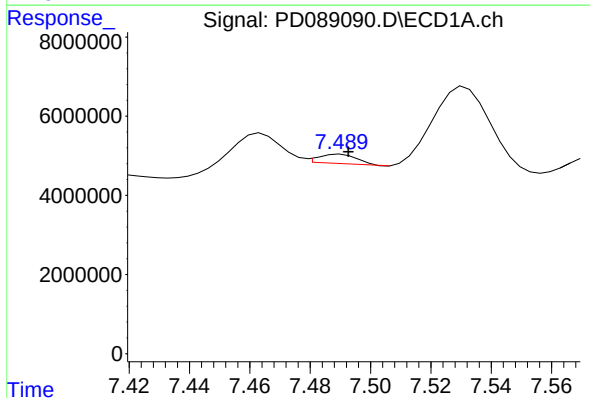
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
291431



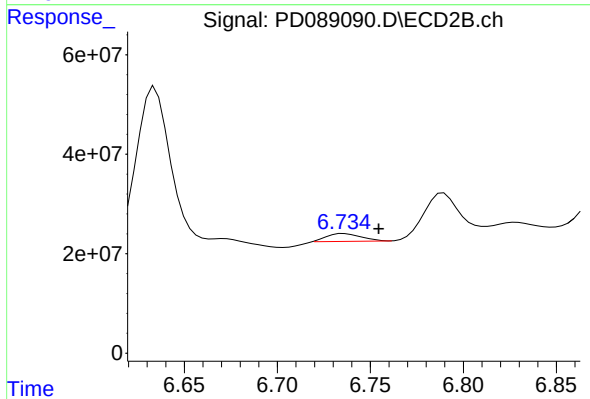
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: 0.013 min
Response: 22521963
Conc: 1.15 ng/ml



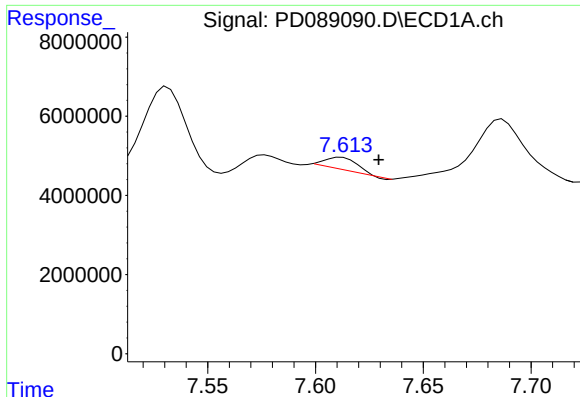
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 2039633
Conc: 1.01 ng/ml



#20 Methoxychlor

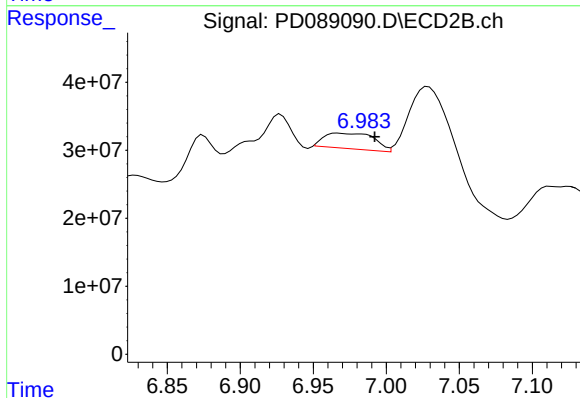
R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 20338020
Conc: 1.89 ng/ml



#21 Endrin ketone

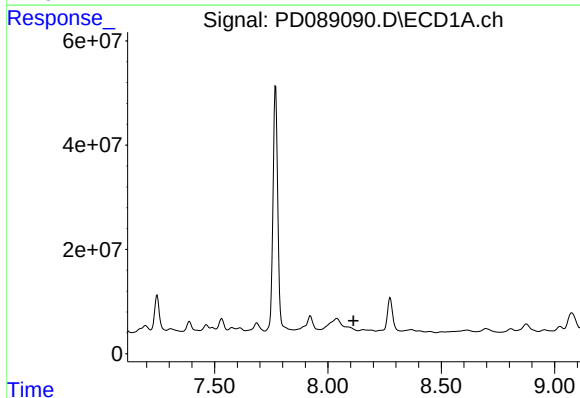
R.T.: 7.612 min
Delta R.T.: -0.017 min
Response: 3171114
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



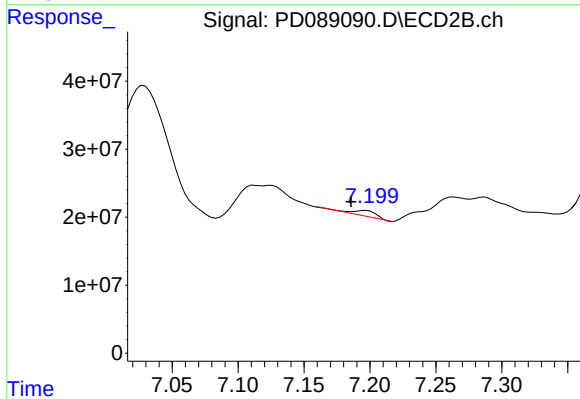
#21 Endrin ketone

R.T.: 6.967 min
Delta R.T.: -0.025 min
Response: 54326016
Conc: 2.51 ng/ml



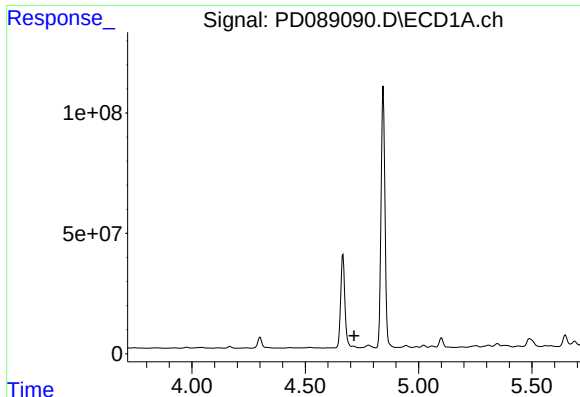
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

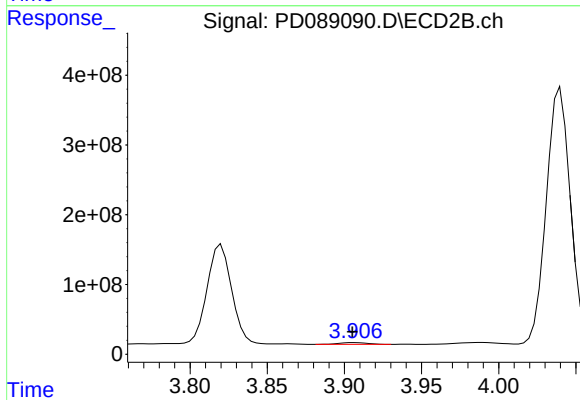
R.T.: 7.197 min
Delta R.T.: 0.011 min
Response: 12170780
Conc: 0.73 ng/ml



#23 Chlordane-1

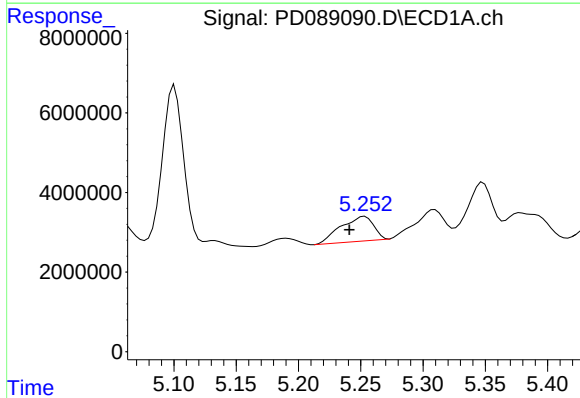
R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: -18964548
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
291431



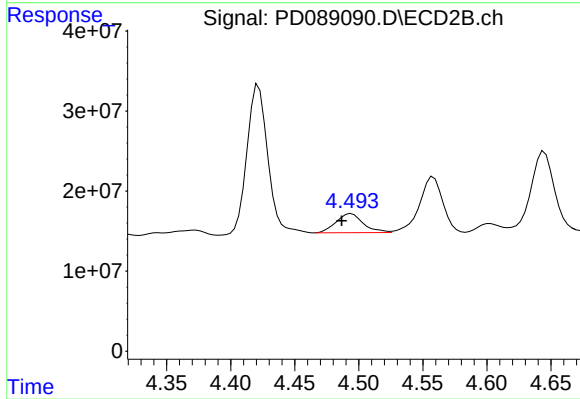
#23 Chlordane-1

R.T.: 3.907 min
Delta R.T.: 0.002 min
Response: 31124541
Conc: 33.39 ng/ml



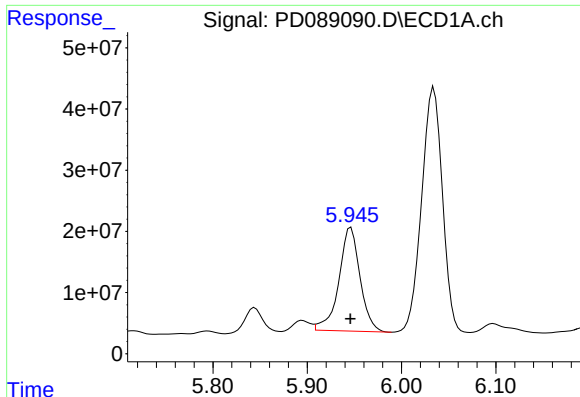
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.012 min
Response: 11404191
Conc: 52.24 ng/ml



#24 Chlordane-2

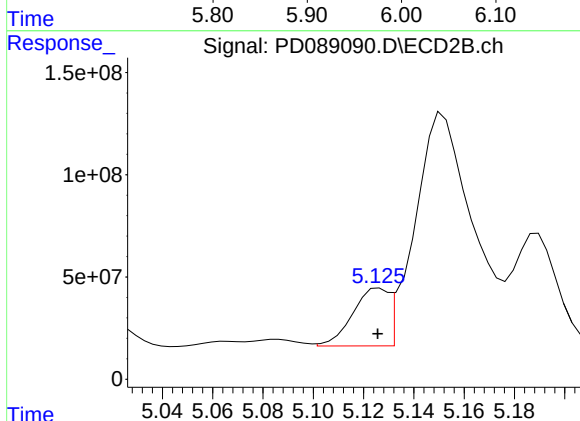
R.T.: 4.494 min
Delta R.T.: 0.007 min
Response: 34793107
Conc: 36.56 ng/ml



#25 Chlordane-3

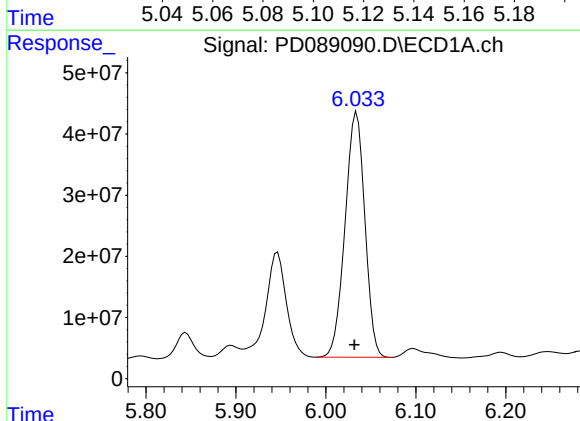
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 265045874
Conc: 307.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



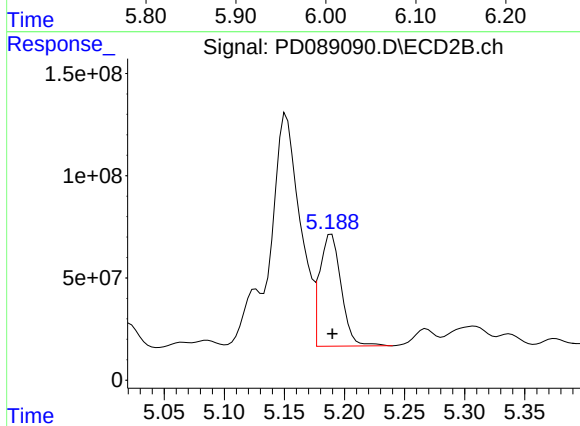
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 279050383
Conc: 93.95 ng/ml



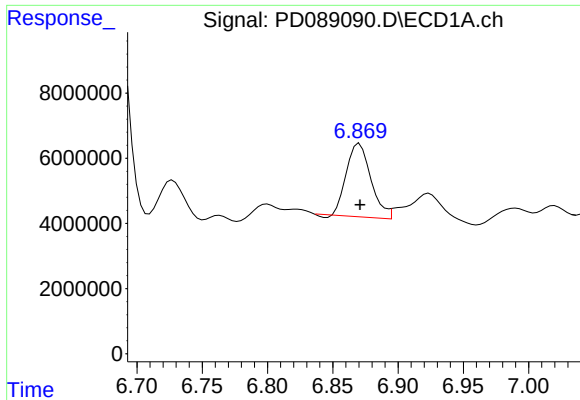
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 612706740
Conc: 583.14 ng/ml



#26 Chlordane-4

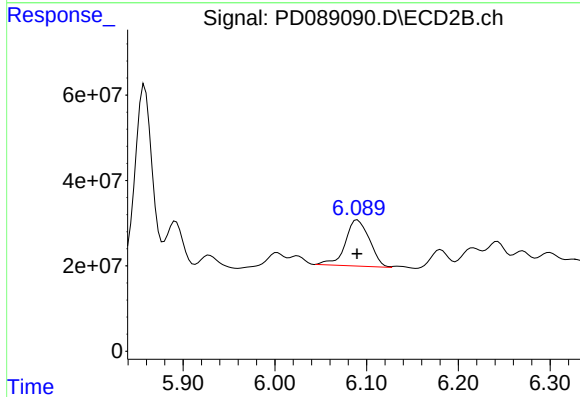
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 683591759
Conc: 272.70 ng/ml



#27 Chlordane-5

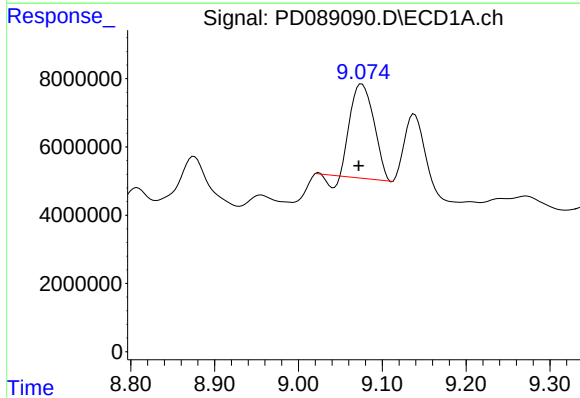
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 29199690
Conc: 159.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431



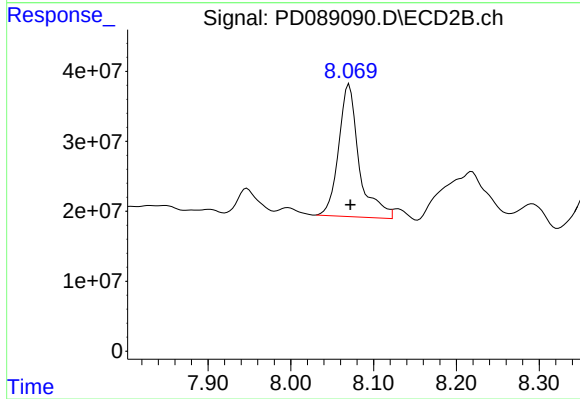
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 197004624
Conc: 174.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.004 min
Response: 52120221
Conc: 13.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 325101063
Conc: 16.44 ng/ml