

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
 Data File : PD089993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 07:13:11 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...	3.548	2.877	56455628	443.9E6	19.236	20.133
28)	SA Decachlor...	9.070	8.065	90455105	543.2E6	20.958	20.983
Target Compounds							
2)	A alpha-BHC	3.997	3.389	54740003	369.6E6	9.120	10.890
3)	MA gamma-BHC...	4.328	3.725	54744592	336.3E6	9.559	10.790
4)	MA Heptachlor	4.928	4.074	194198	2095964	0.035	0.067 #
5)	MB Aldrin	5.250f	4.357	306043	1144292	0.057	0.038 #
6)	B beta-BHC	4.515	4.021	23200931	146.5E6	10.344	10.987
7)	B delta-BHC	4.772	4.255	1123247	424829	0.217	0.013 #
8)	B Heptachlo...	5.681	4.869	2794130	2736714	0.569	0.099 #
9)	A Endosulfan I	0.000	5.227	0	3961775	N.D.	0.151 #
10)	B gamma-Chl...	5.941	5.120	588583	13969702	0.120	0.472 #
11)	B alpha-Chl...	6.031	5.182	882783	10631534	0.179	0.373 #
12)	B 4,4'-DDE	6.198	5.372	239470	2808980	0.055	0.097 #
13)	MA Dieldrin	0.000	5.511	0	924620	N.D.	0.032 #
14)	MA Endrin	6.572	5.783	204.5E6	1318.4E6	49.342	49.504
15)	B Endosulfa...	6.767f	6.079	876688	3847655	0.208	0.152 #
16)	A 4,4'-DDD	6.703	5.924	4372339	28039732	1.264	1.166
17)	MA 4,4'-DDT	7.019	6.177	373.1E6	2442.8E6	97.923	97.441
18)	B Endrin al...	6.915	6.251	1127528	15947749	0.393	0.926 #
19)	B Endosulfa...	0.000	6.468	0	500516	N.D.	0.021 #
20)	A Methoxychlor	7.492	6.748	455.1E6	2612.5E6	226.901	202.587
21)	B Endrin ke...	7.628	6.984	1690054	27433091	0.408	1.030 #
22)	Mirex	0.000	7.170	0	3866495	N.D.	0.187 #
23)	Chlordane-1	0.000	3.896	0	1058740	N.D.	1.191 #
24)	Chlordane-2	5.250	4.485	306043	2427602	1.739	2.534 #
25)	Chlordane-3	5.941	5.120	588583	13969702	0.868	5.041 #
26)	Chlordane-4	6.031	5.182	882783	10631534	1.063	4.417 #
27)	Chlordane-5	6.870	6.079	114051	3847655	0.814	3.498 #

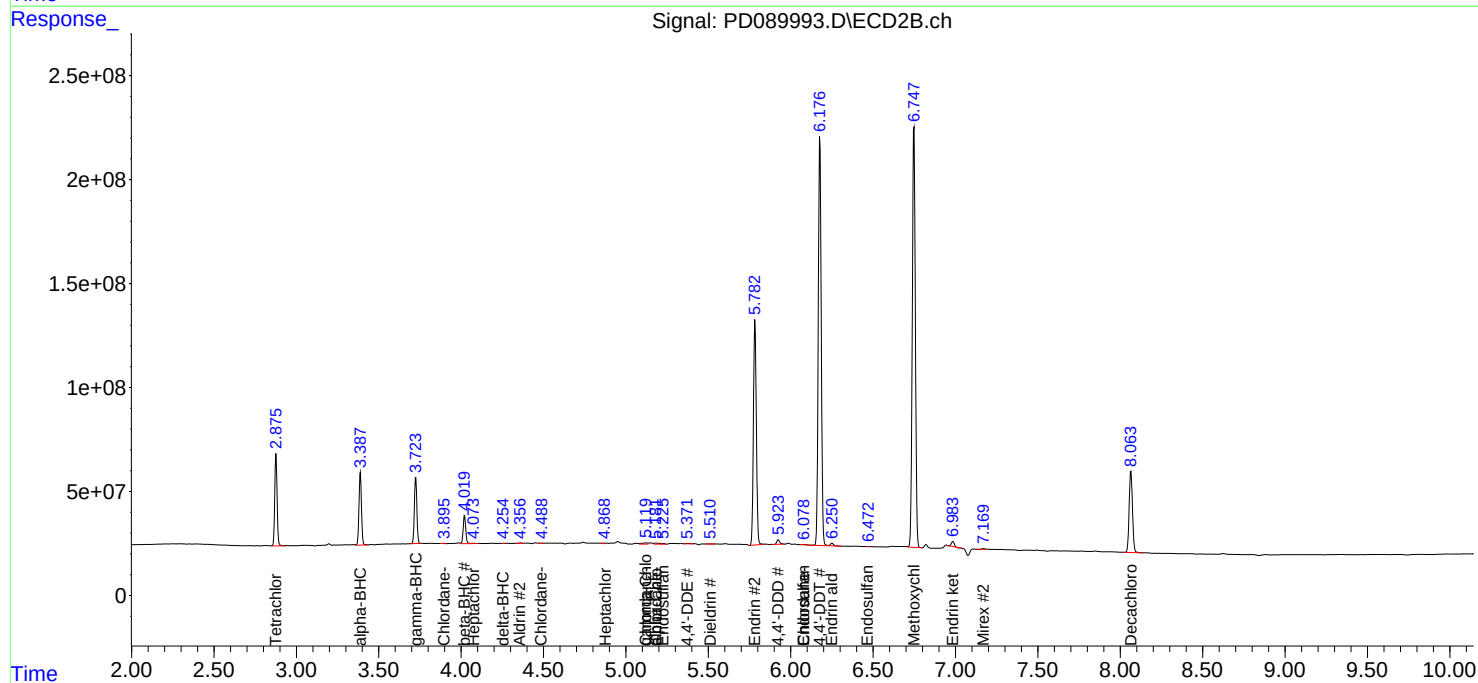
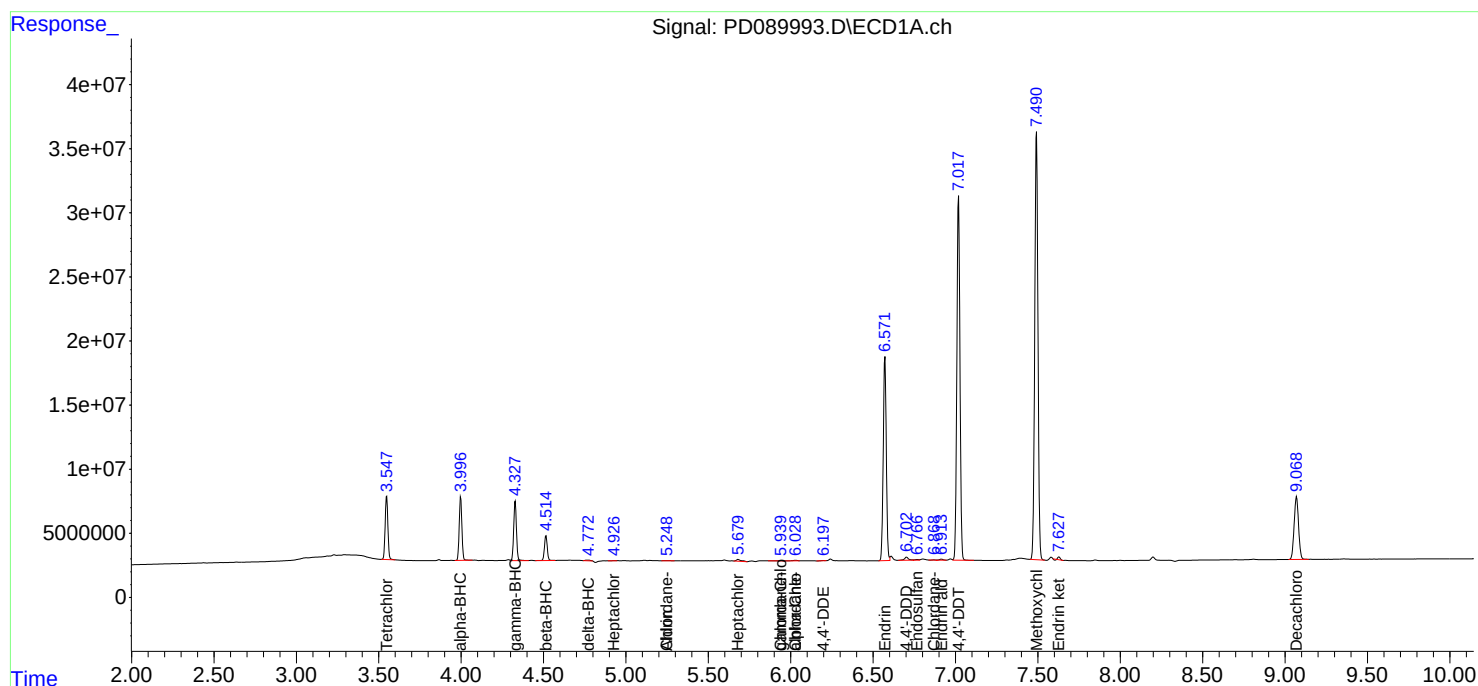
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

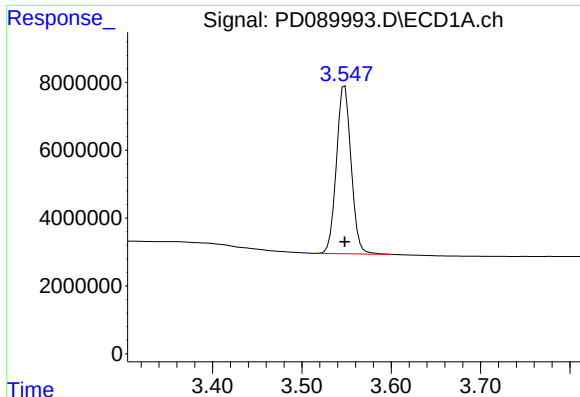
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
Data File : PD089993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:13:11 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

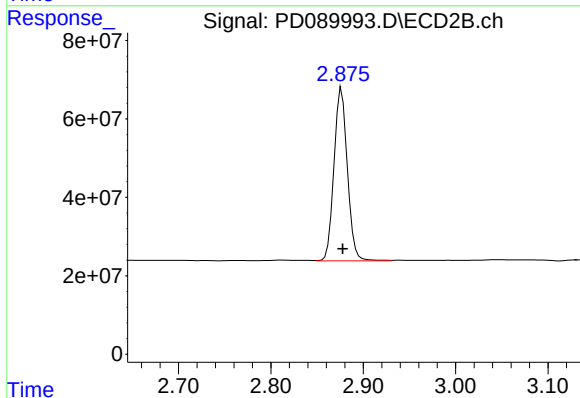




#1 Tetrachloro-m-xylene

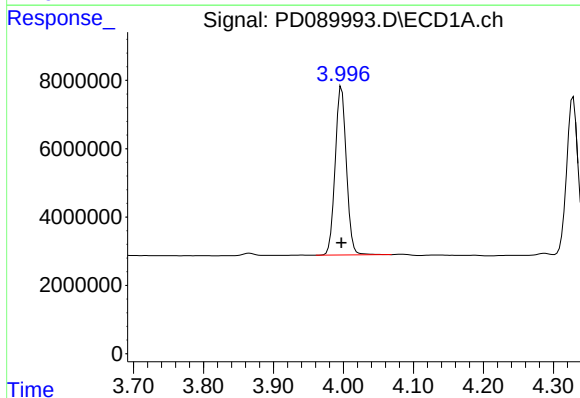
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 56455628
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



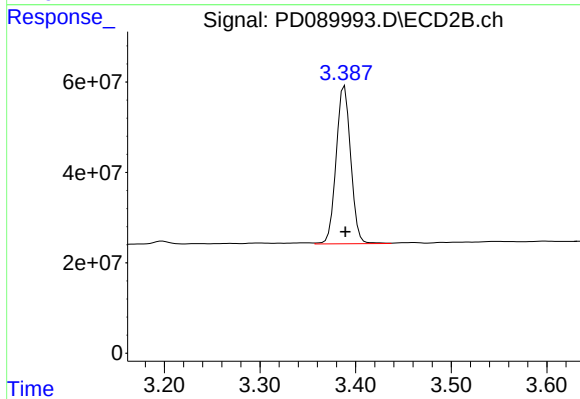
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 443937160
Conc: 20.13 ng/ml



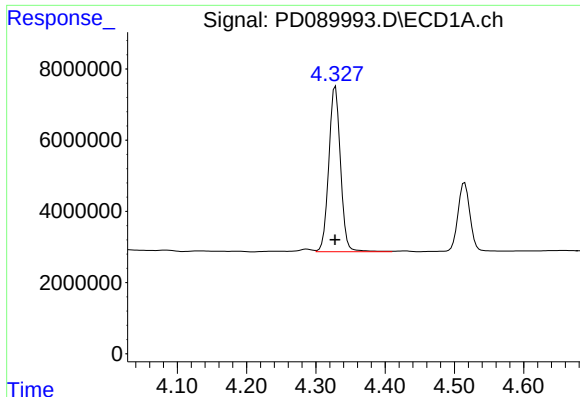
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 54740003
Conc: 9.12 ng/ml



#2 alpha-BHC

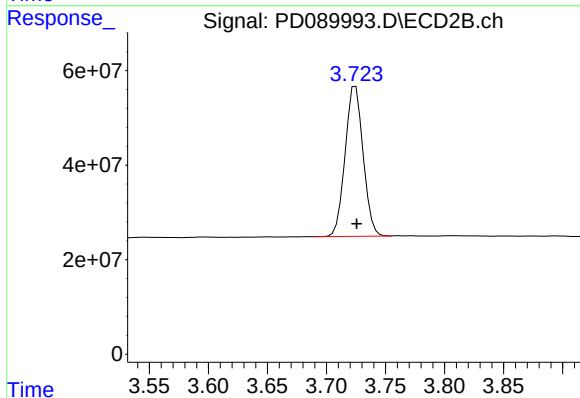
R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 369578119
Conc: 10.89 ng/ml



#3 gamma-BHC (Lindane)

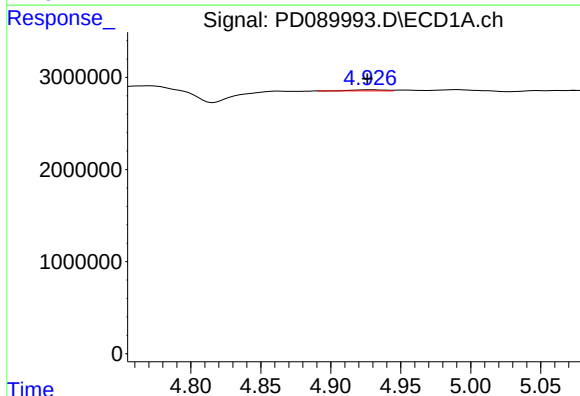
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 54744592
Conc: 9.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



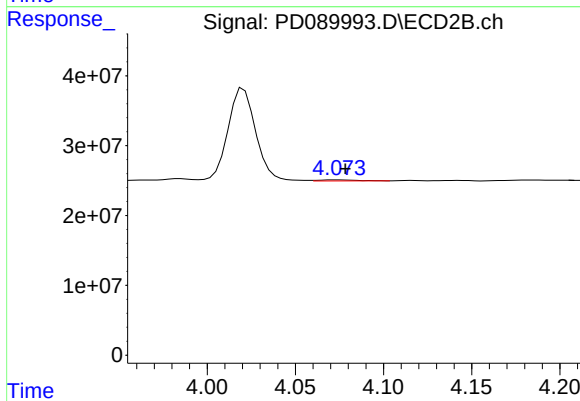
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 336343703
Conc: 10.79 ng/ml



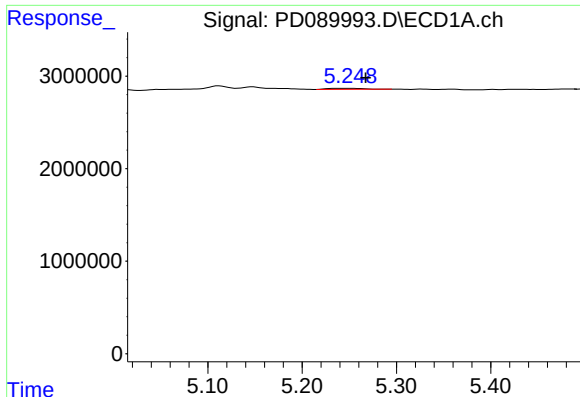
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 194198
Conc: 0.03 ng/ml



#4 Heptachlor

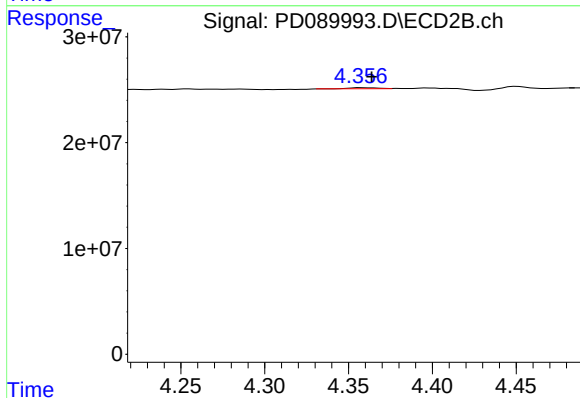
R.T.: 4.074 min
Delta R.T.: -0.004 min
Response: 2095964
Conc: 0.07 ng/ml



#5 Aldrin

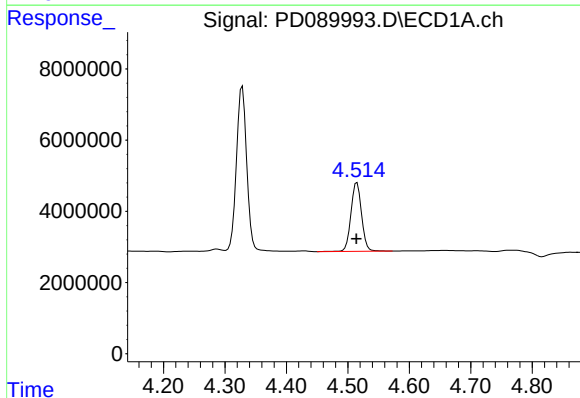
R.T.: 5.250 min
Delta R.T.: -0.017 min
Response: 306043
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



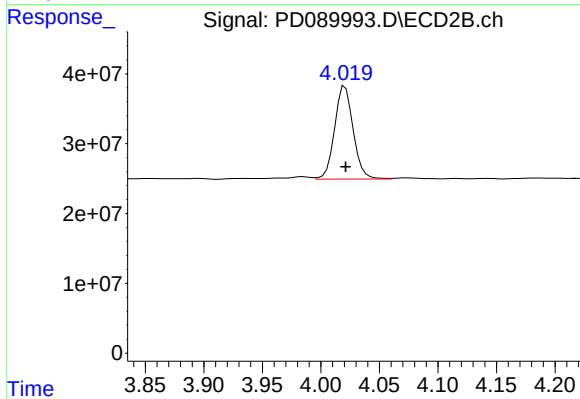
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.006 min
Response: 1144292
Conc: 0.04 ng/ml



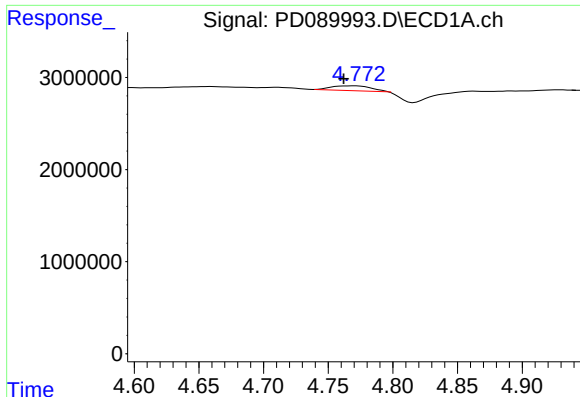
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 23200931
Conc: 10.34 ng/ml



#6 beta-BHC

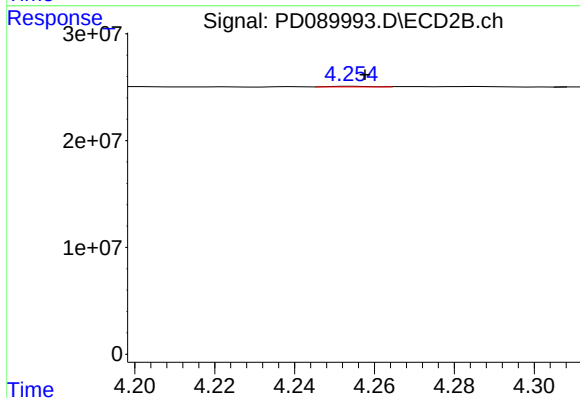
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 146462087
Conc: 10.99 ng/ml



#7 delta-BHC

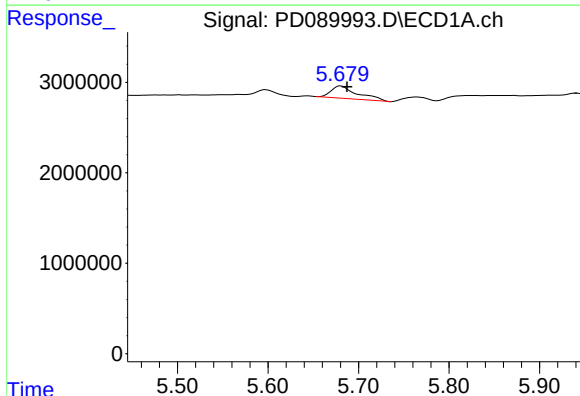
R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 1123247
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



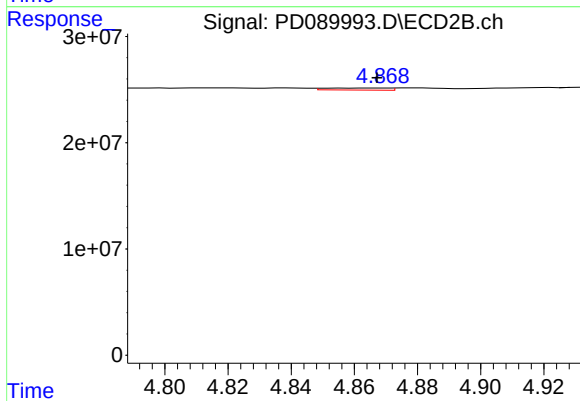
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.003 min
Response: 424829
Conc: 0.01 ng/ml



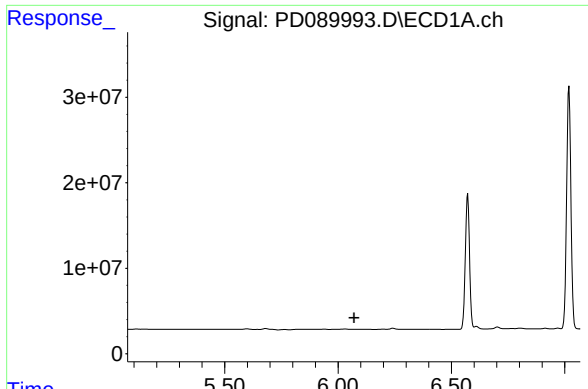
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.007 min
Response: 2794130
Conc: 0.57 ng/ml



#8 Heptachlor epoxide

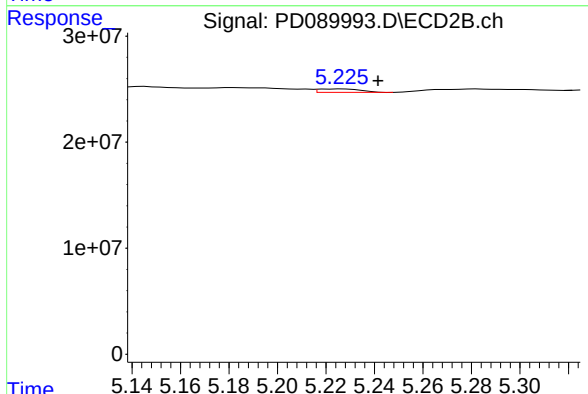
R.T.: 4.869 min
Delta R.T.: 0.002 min
Response: 2736714
Conc: 0.10 ng/ml



#9 Endosulfan I

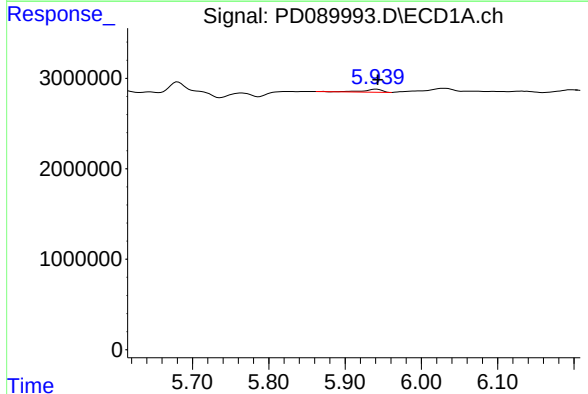
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



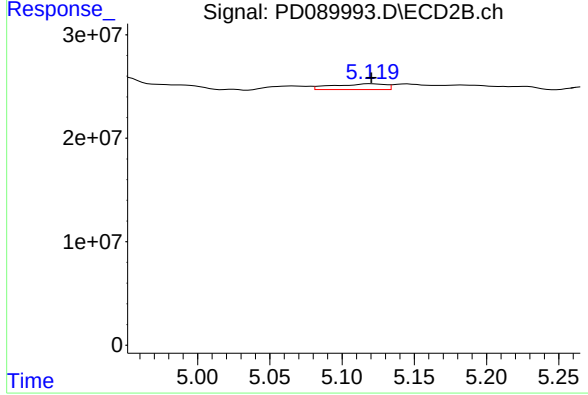
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.015 min
Response: 3961775
Conc: 0.15 ng/ml



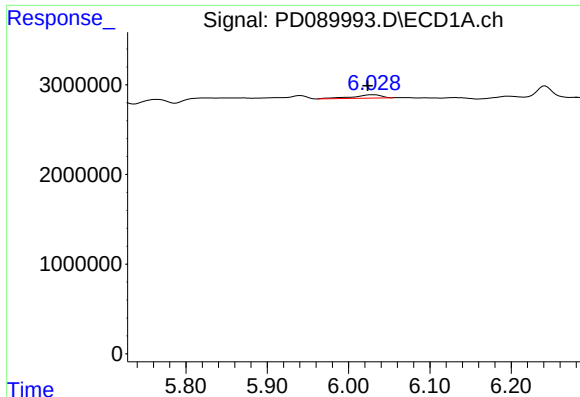
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 588583
Conc: 0.12 ng/ml



#10 gamma-Chlordane

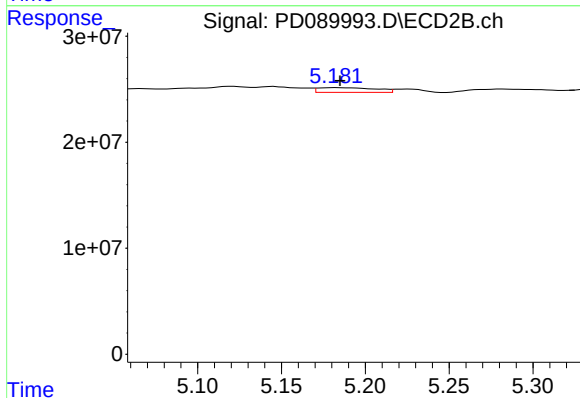
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 13969702
Conc: 0.47 ng/ml



#11 alpha-Chlordane

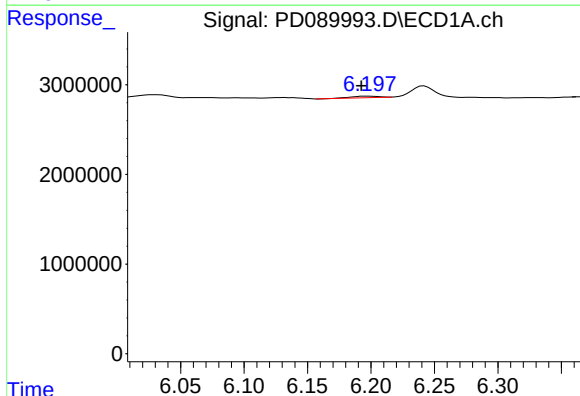
R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 882783
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



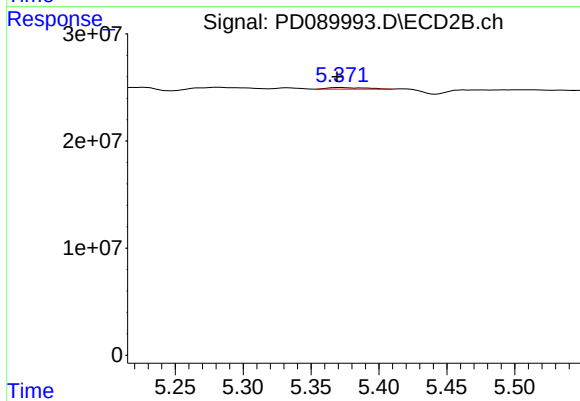
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 10631534
Conc: 0.37 ng/ml



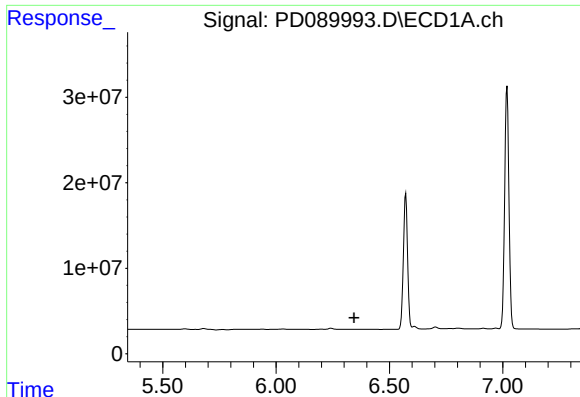
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 239470
Conc: 0.05 ng/ml



#12 4,4'-DDE

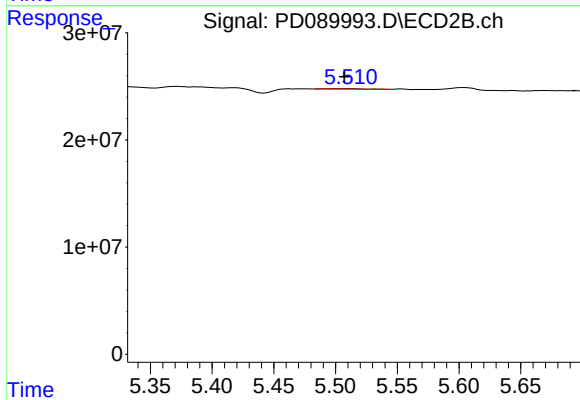
R.T.: 5.372 min
Delta R.T.: 0.003 min
Response: 2808980
Conc: 0.10 ng/ml



#13 Dieldrin

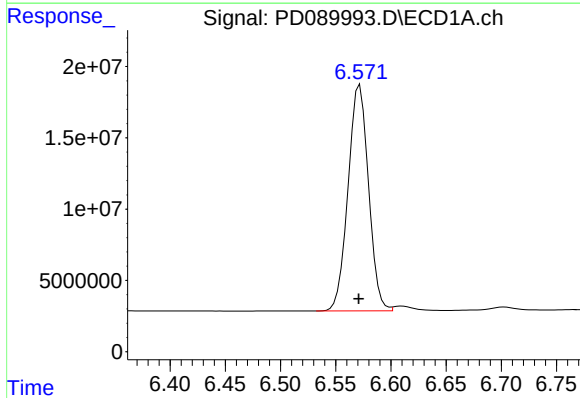
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



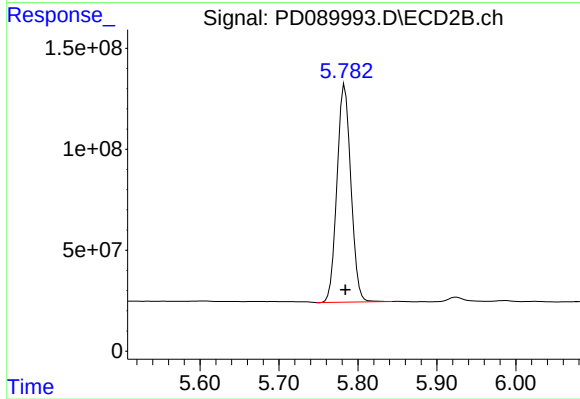
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: 0.004 min
Response: 924620
Conc: 0.03 ng/ml



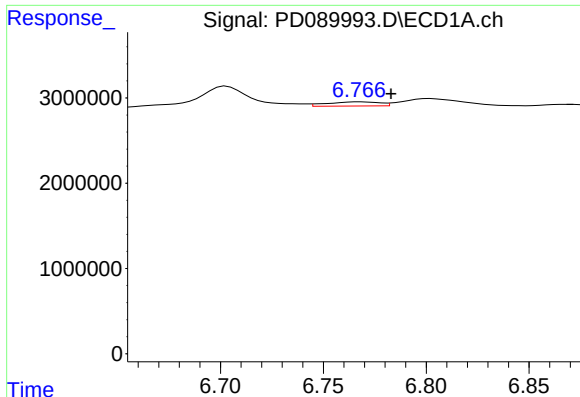
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 204451105
Conc: 49.34 ng/ml



#14 Endrin

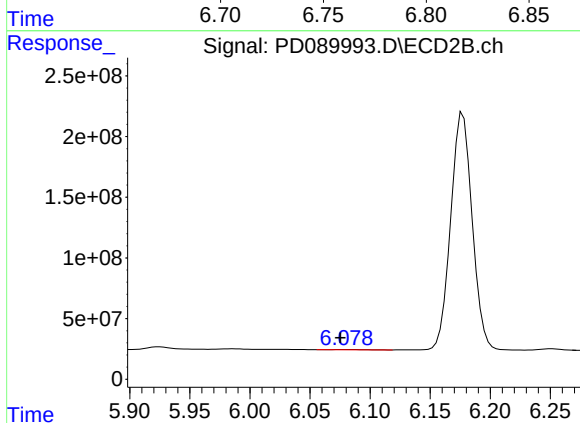
R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 1318412009
Conc: 49.50 ng/ml



#15 Endosulfan II

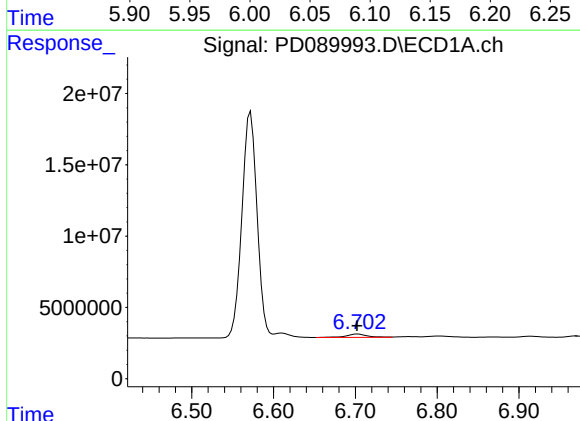
R.T.: 6.767 min
Delta R.T.: -0.015 min
Response: 876688
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



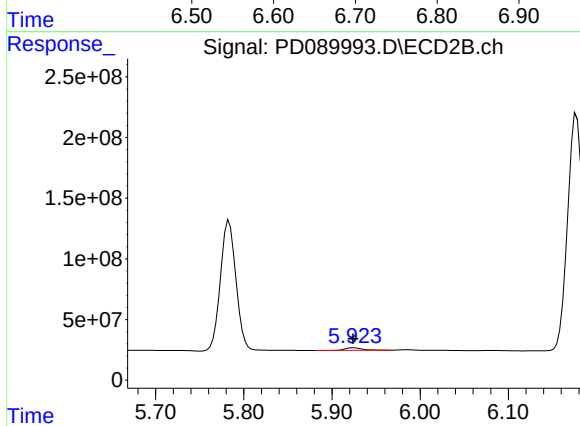
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: 0.004 min
Response: 3847655
Conc: 0.15 ng/ml



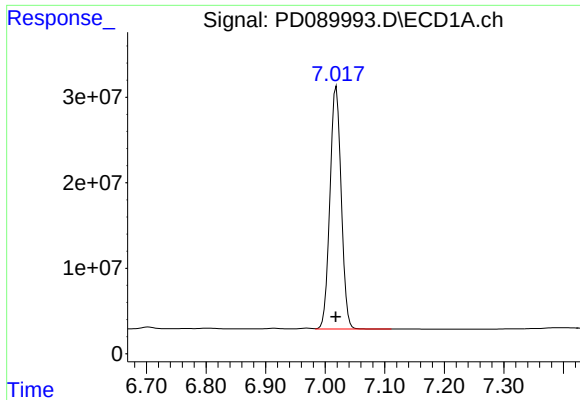
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 4372339
Conc: 1.26 ng/ml



#16 4,4'-DDD

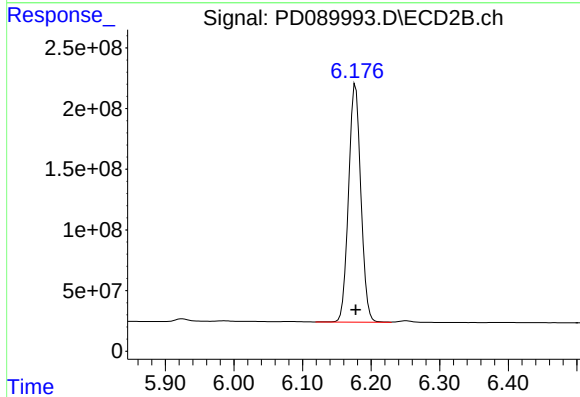
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 28039732
Conc: 1.17 ng/ml



#17 4,4'-DDT

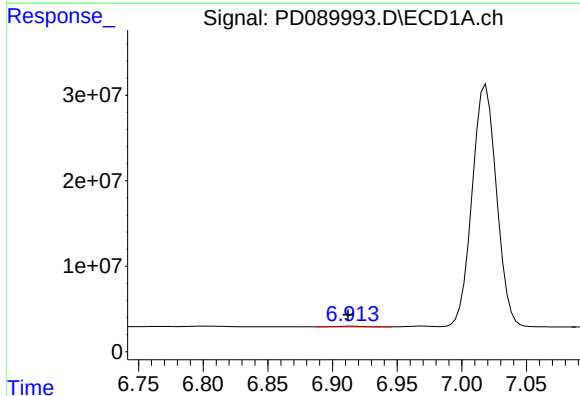
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 373059498
Conc: 97.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



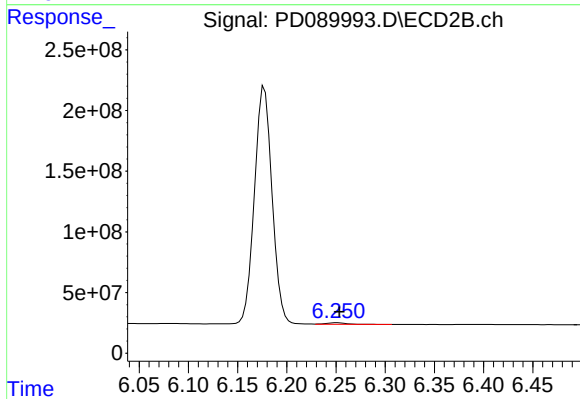
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2442815074
Conc: 97.44 ng/ml



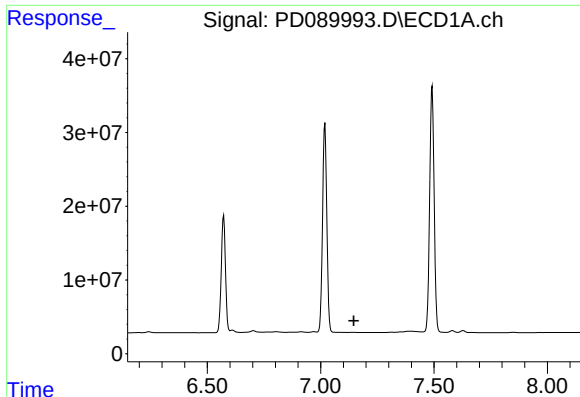
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1127528
Conc: 0.39 ng/ml



#18 Endrin aldehyde

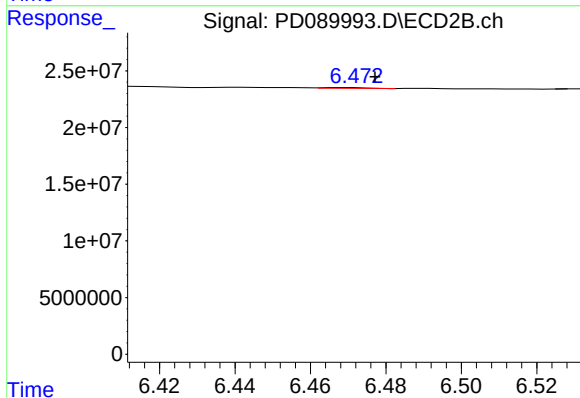
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 15947749
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

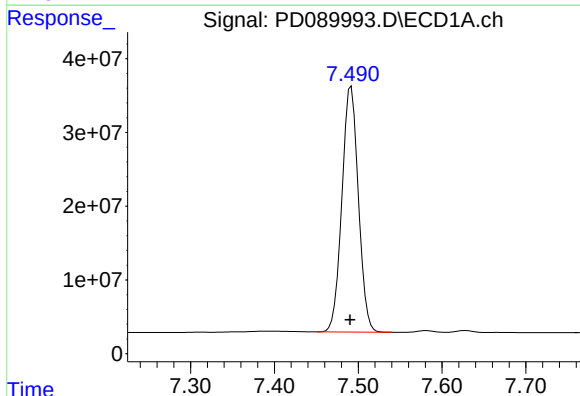
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



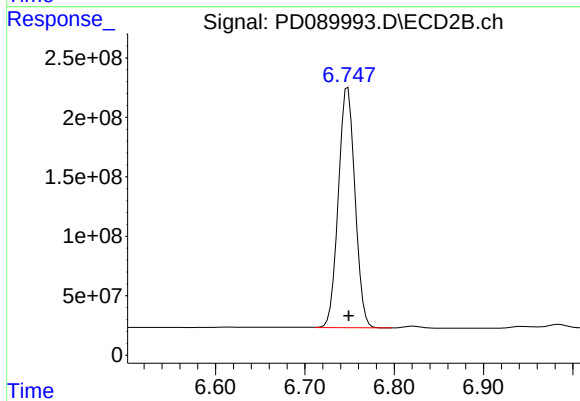
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.009 min
Response: 500516
Conc: 0.02 ng/ml



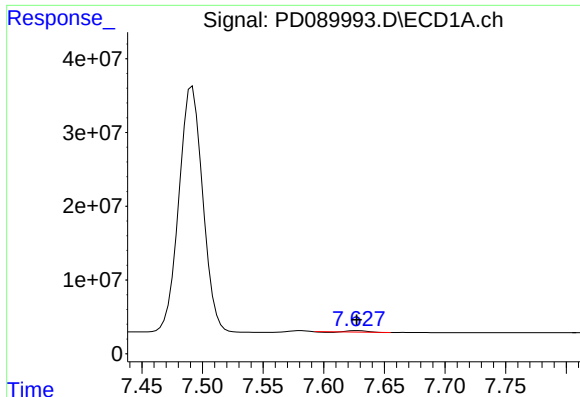
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 455077424
Conc: 226.90 ng/ml



#20 Methoxychlor

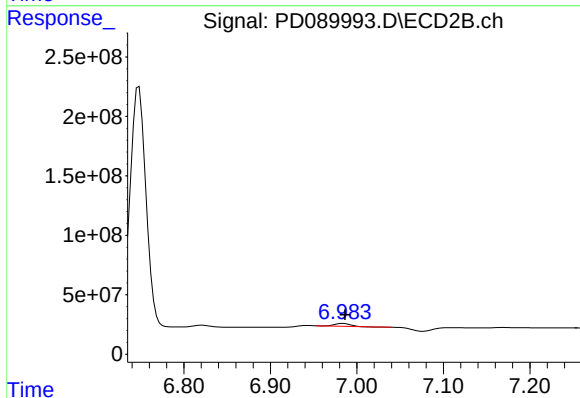
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2612518864
Conc: 202.59 ng/ml



#21 Endrin ketone

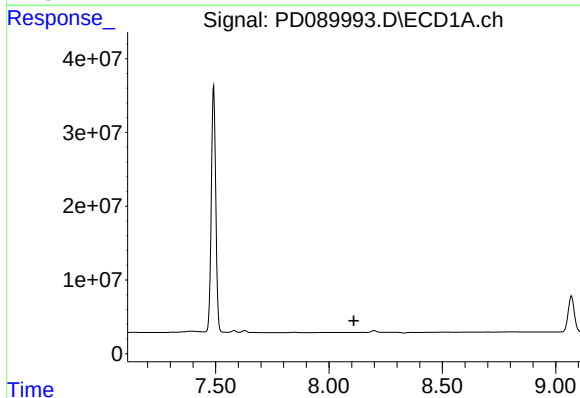
R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 1690054
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



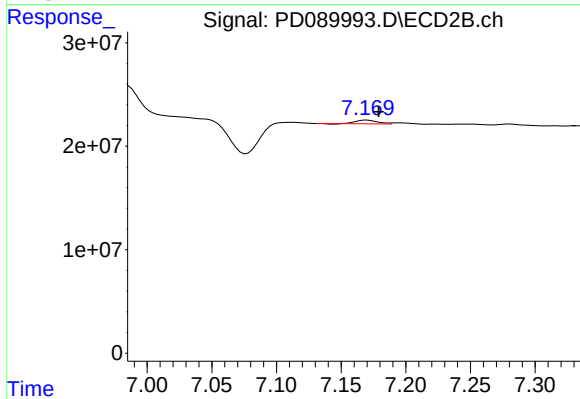
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 27433091
Conc: 1.03 ng/ml



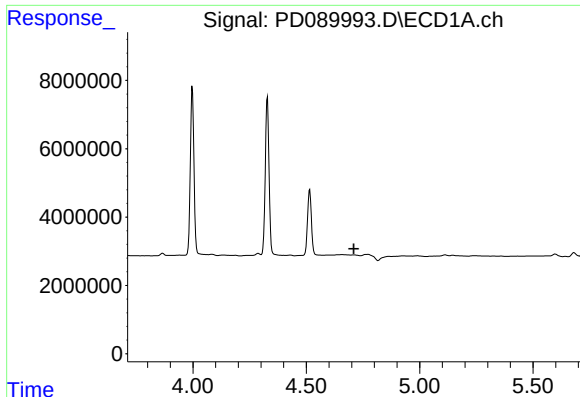
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

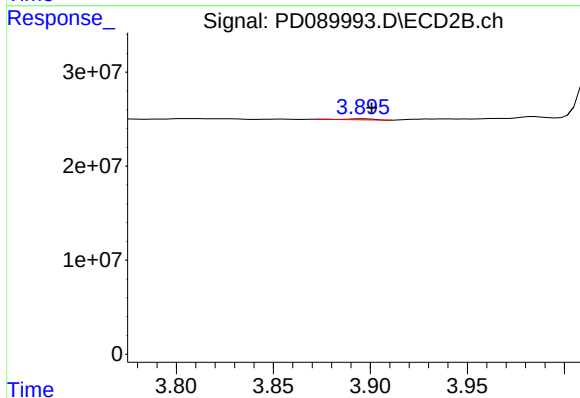
R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 3866495
Conc: 0.19 ng/ml



#23 Chlordane-1

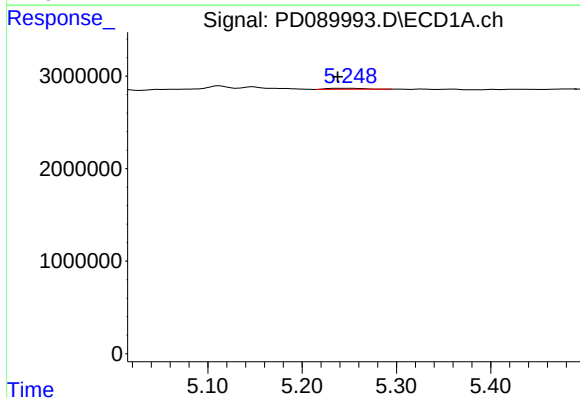
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



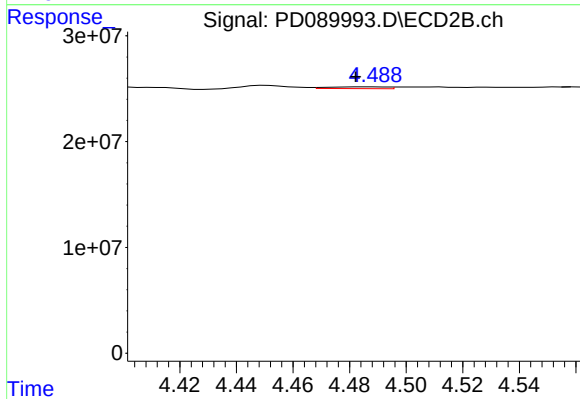
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 1058740
Conc: 1.19 ng/ml



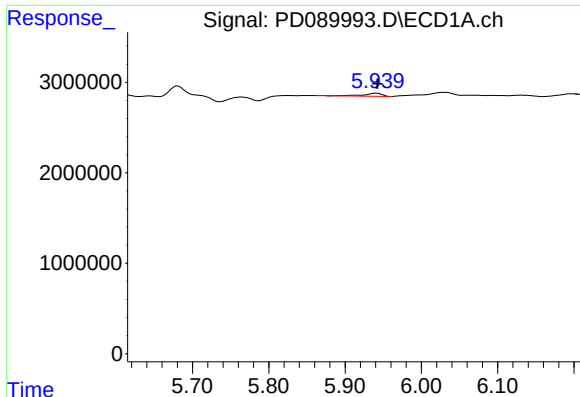
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: 0.012 min
Response: 306043
Conc: 1.74 ng/ml



#24 Chlordane-2

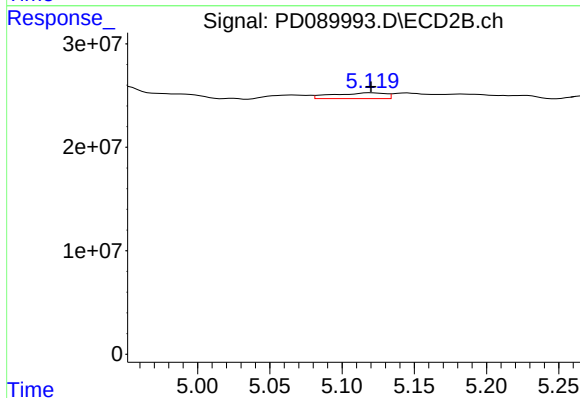
R.T.: 4.485 min
Delta R.T.: 0.003 min
Response: 2427602
Conc: 2.53 ng/ml



#25 Chlordane-3

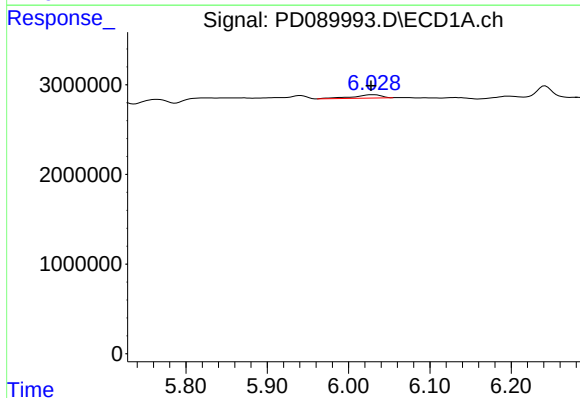
R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 588583
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



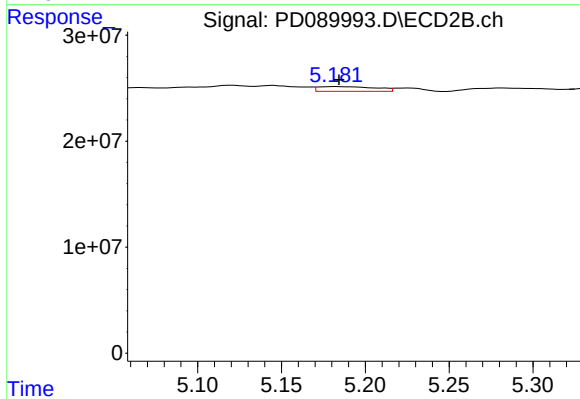
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 13969702
Conc: 5.04 ng/ml



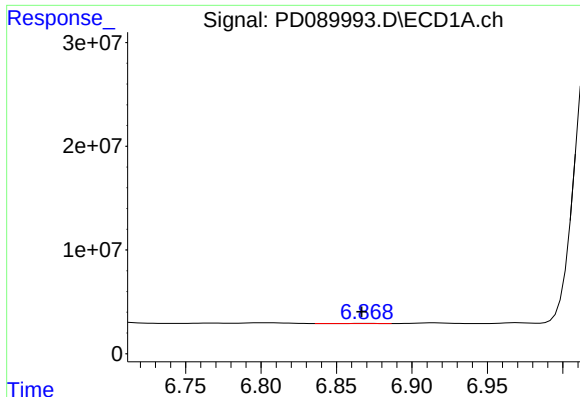
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 882783
Conc: 1.06 ng/ml



#26 Chlordane-4

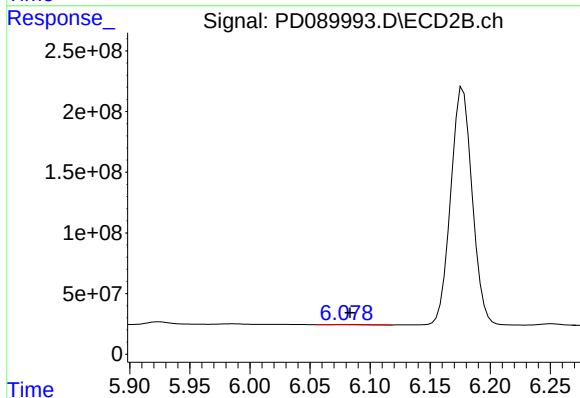
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 10631534
Conc: 4.42 ng/ml



#27 Chlordane-5

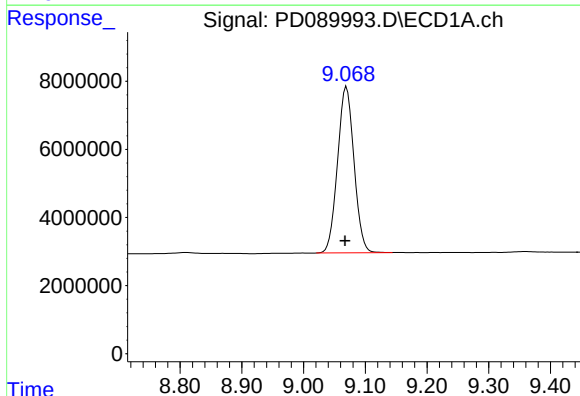
R.T.: 6.870 min
Delta R.T.: 0.003 min
Response: 114051
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



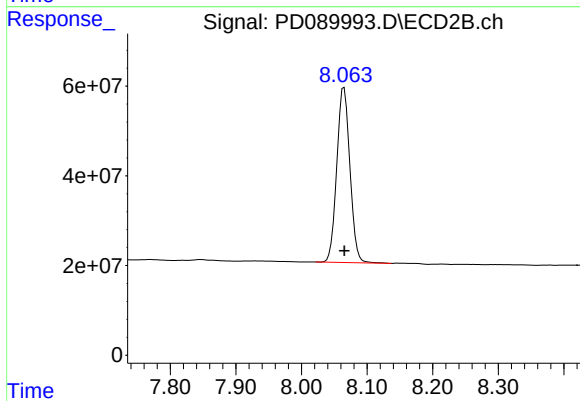
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 3847655
Conc: 3.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 90455105
Conc: 20.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 543169196
Conc: 20.98 ng/ml