

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
 Data File : PD090130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 02:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 03:01:45 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...	3.549	2.878	54626355	449.0E6	18.613	20.362
28)	SA Decachlor...	9.071	8.066	80184154	489.2E6	18.579	18.899
Target Compounds							
2)	A alpha-BHC	3.998	3.389	53147951	379.0E6	8.855	11.168 #
3)	MA gamma-BHC...	4.329	3.725	53143479	341.0E6	9.280	10.938
4)	MA Heptachlor	0.000	4.078	0	1969940	N.D.	0.063 #
5)	MB Aldrin	5.246f	4.360	234246	1767709	0.043	0.058 #
6)	B beta-BHC	4.515	4.021	22227671	148.7E6	9.910	11.158
7)	B delta-BHC	4.771	4.257	959198	1027547	0.185	0.033 #
8)	B Heptachlo...	5.674	4.870	212978	5381307	0.043	0.194 #
9)	A Endosulfan I	0.000	5.225f	0	2893187	N.D.	0.110 #
10)	B gamma-Chl...	5.941	5.121	327083	35868321	0.067	1.211 #
11)	B alpha-Chl...	6.030	5.182	730813	8806792	0.148	0.309 #
12)	B 4,4'-DDE	6.195	5.369	459525	4084000	0.105	0.142 #
13)	MA Dieldrin	6.366f	5.512	2205015	354108	0.450	0.012 #
14)	MA Endrin	6.572	5.784	188.7E6	1286.1E6	45.537	48.291
15)	B Endosulfa...	6.770	6.080	459405	9193264	0.109	0.363 #
16)	A 4,4'-DDD	6.704	5.923	12444911	103.4E6	3.598	4.302
17)	MA 4,4'-DDT	7.020	6.177	325.4E6	2268.2E6	85.401	90.476
18)	B Endrin al...	6.914	6.252	2470117	21700639	0.862	1.260 #
19)	B Endosulfa...	0.000	6.483	0	357810	N.D.	0.015 #
20)	A Methoxychlor	7.492	6.748	392.3E6	2379.9E6	195.601	184.552
21)	B Endrin ke...	7.629	6.985	6240713	73823731	1.506	2.771 #
22)	Mirex	8.125f	7.172	-34296	4449724	N.D.	0.215
23)	Chlordane-1	0.000	3.897	0	882662	N.D.	0.993 #
24)	Chlordane-2	5.246	4.489	234246	5088338	1.331	5.312 #
25)	Chlordane-3	5.941	5.121	327083	35868321	0.482	12.944 #
26)	Chlordane-4	6.030	5.182	730813	8806792	0.880	3.659 #
27)	Chlordane-5	0.000	6.080	0	9193264	N.D.	8.358 #

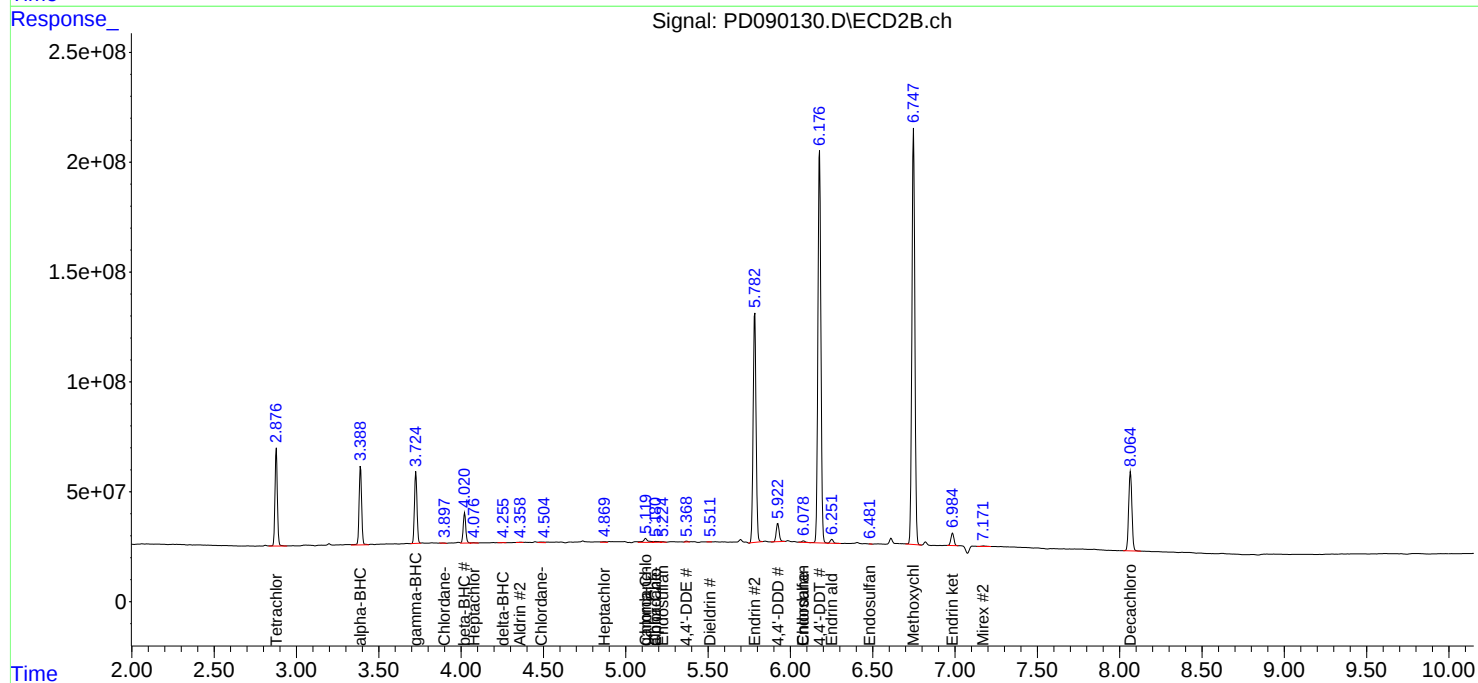
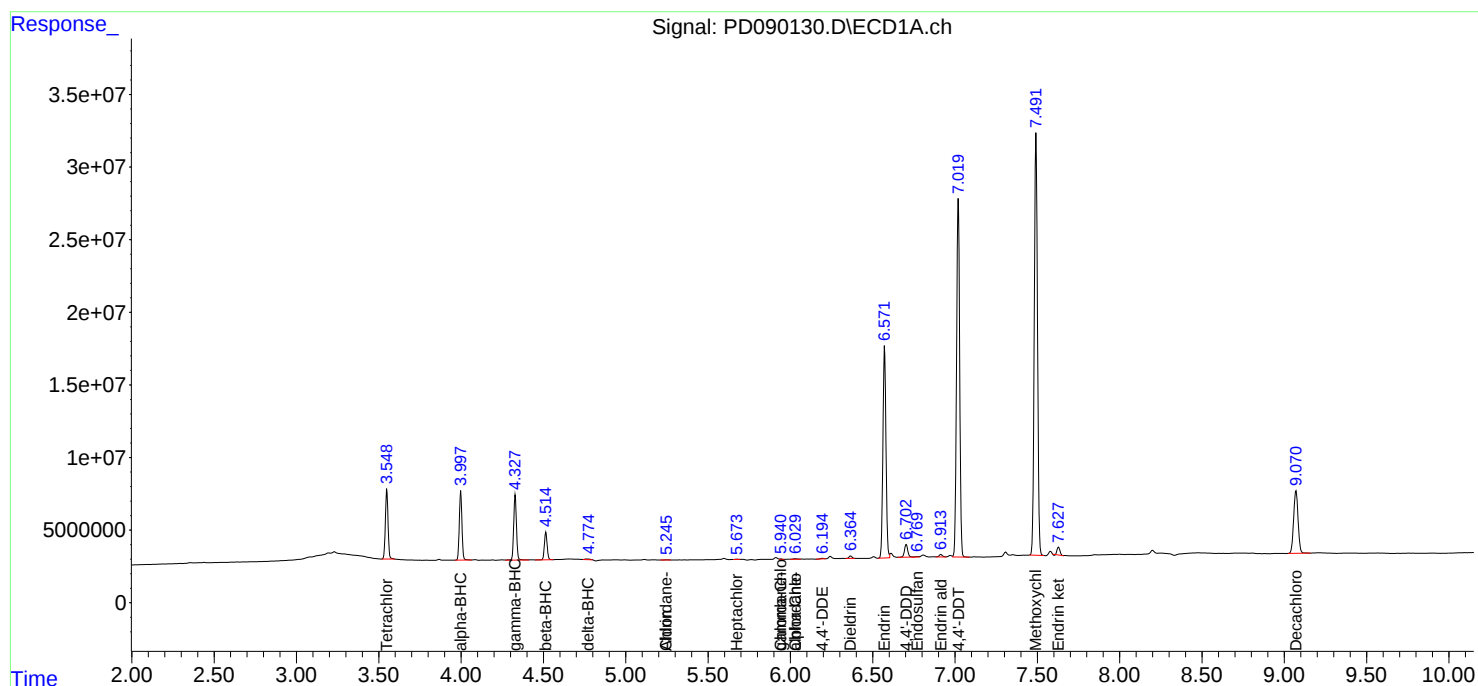
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

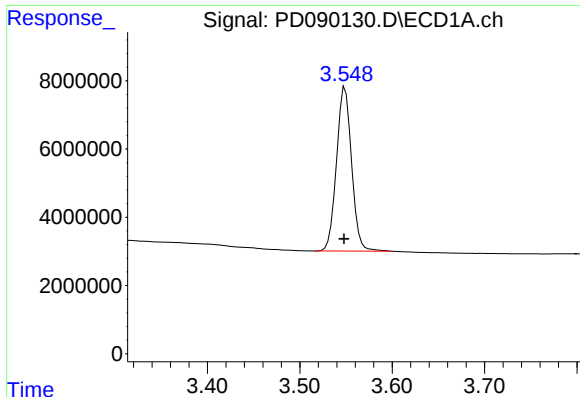
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090325\
Data File : PD090130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 02:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 03:01:45 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

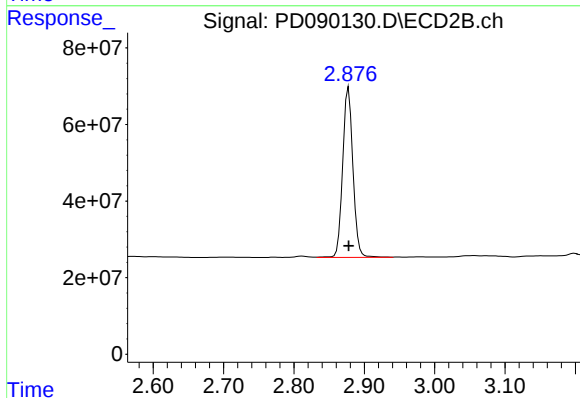




#1 Tetrachloro-m-xylene

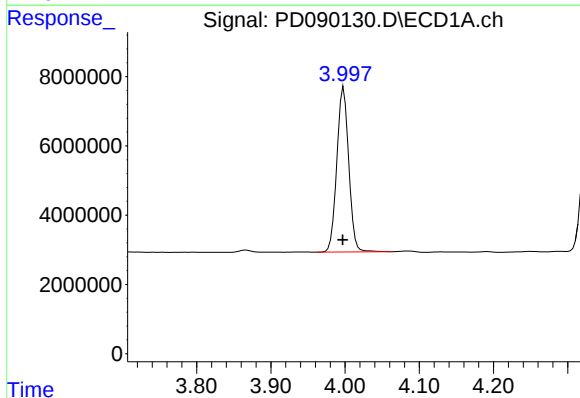
R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 54626355
Conc: 18.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



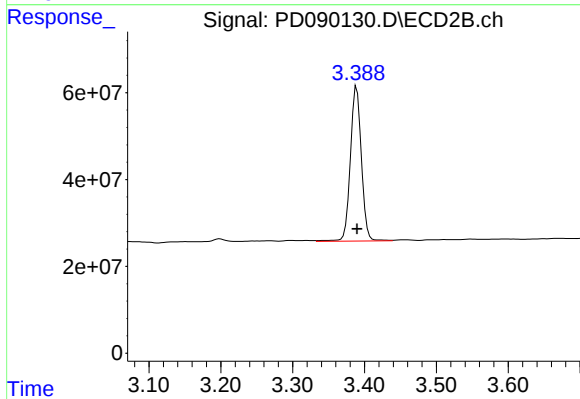
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 448982202
Conc: 20.36 ng/ml



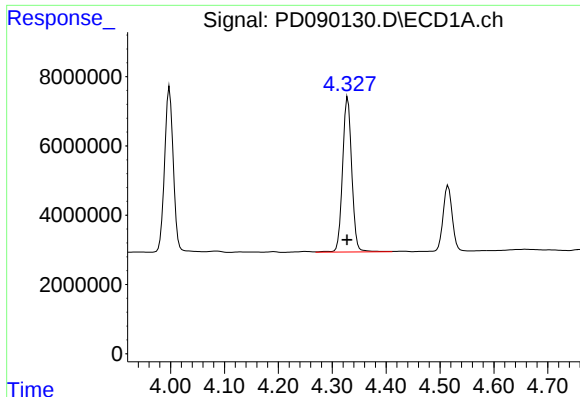
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 53147951
Conc: 8.85 ng/ml



#2 alpha-BHC

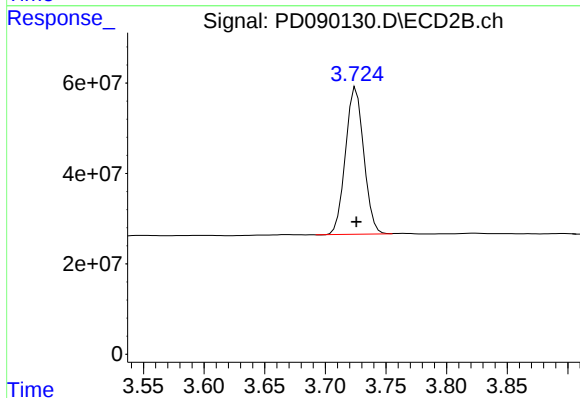
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 379028708
Conc: 11.17 ng/ml



#3 gamma-BHC (Lindane)

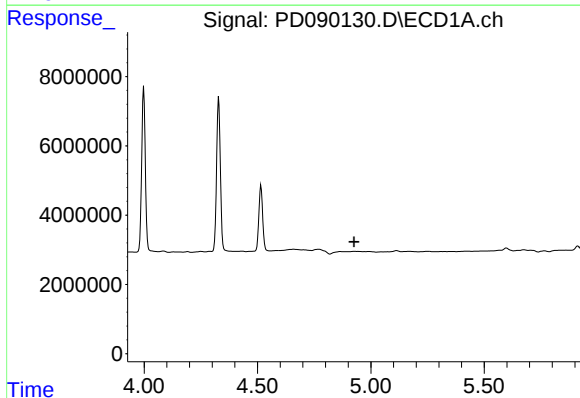
R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 53143479
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



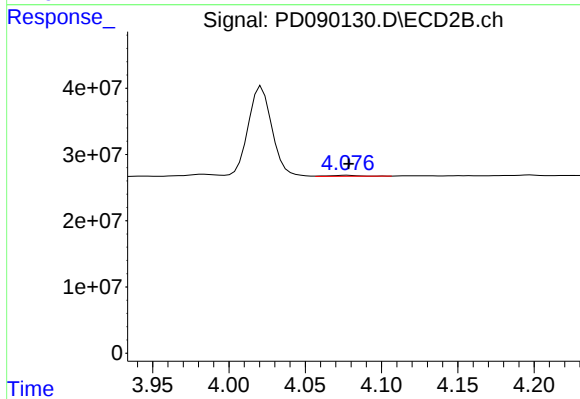
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 340950649
Conc: 10.94 ng/ml



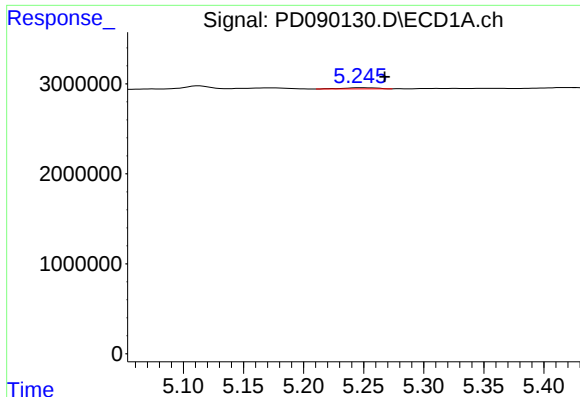
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

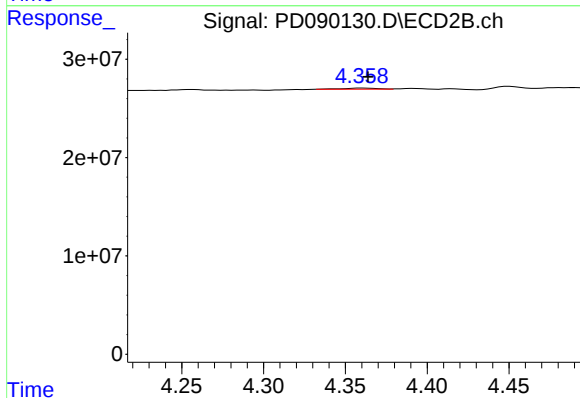
R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1969940
Conc: 0.06 ng/ml



#5 Aldrin

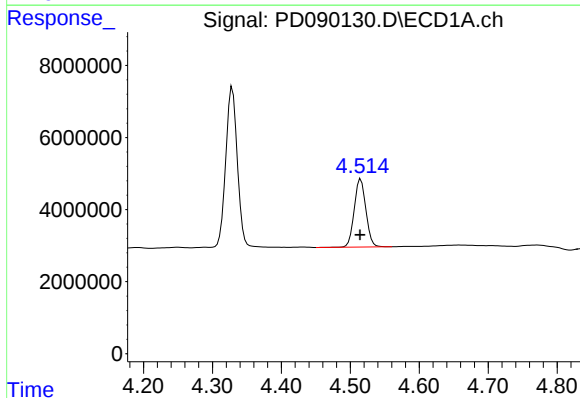
R.T.: 5.246 min
Delta R.T.: -0.021 min
Response: 234246
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



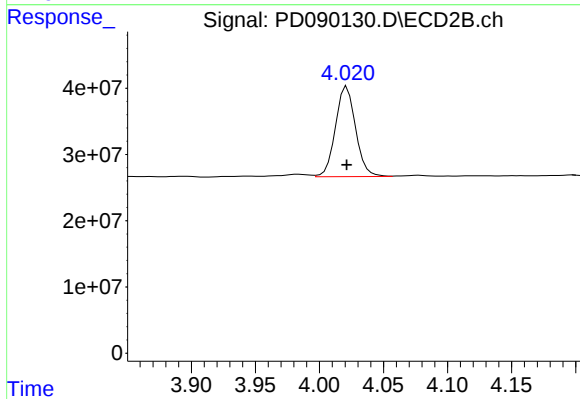
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 1767709
Conc: 0.06 ng/ml



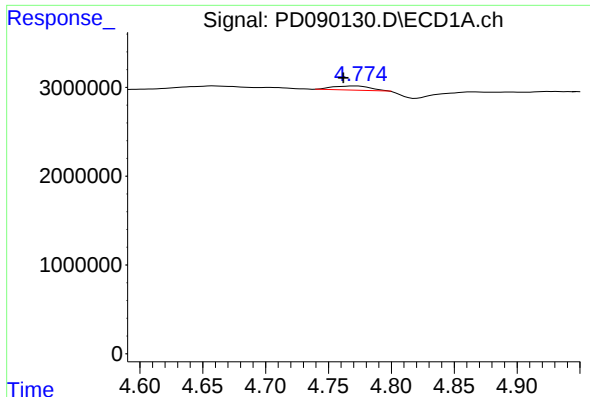
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 22227671
Conc: 9.91 ng/ml



#6 beta-BHC

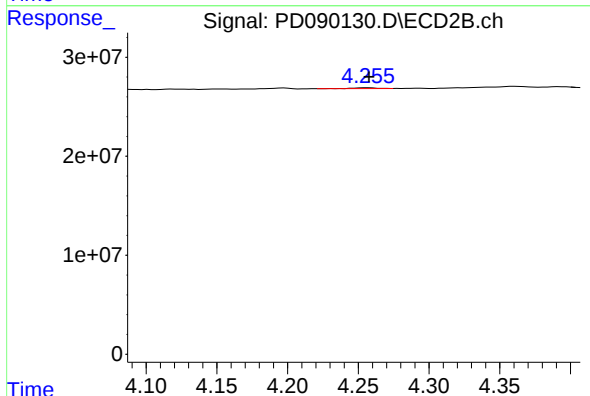
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 148733963
Conc: 11.16 ng/ml



#7 delta-BHC

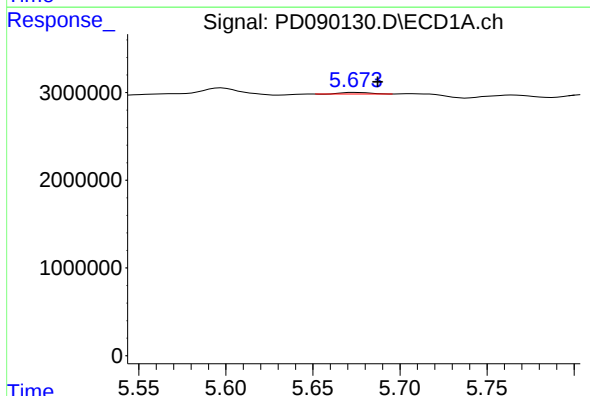
R.T.: 4.771 min
Delta R.T.: 0.009 min
Response: 959198
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



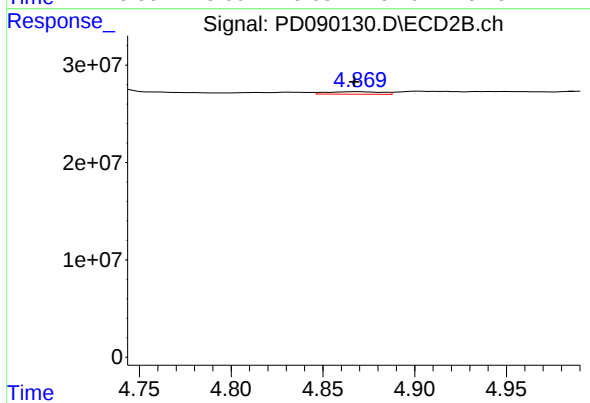
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.001 min
Response: 1027547
Conc: 0.03 ng/ml



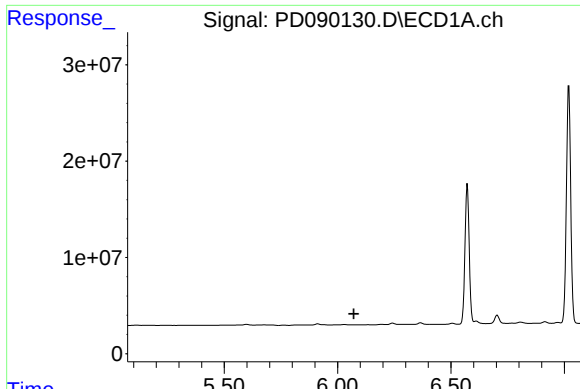
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.013 min
Response: 212978
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

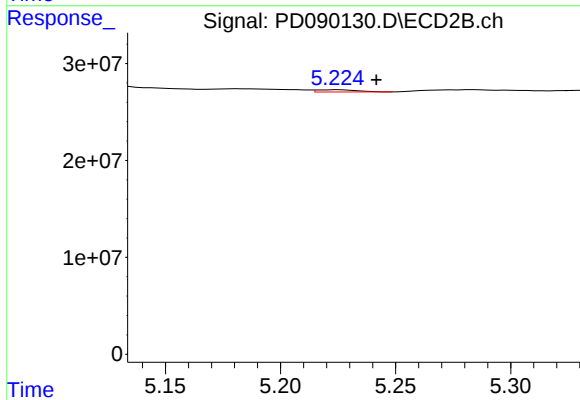
R.T.: 4.870 min
Delta R.T.: 0.003 min
Response: 5381307
Conc: 0.19 ng/ml



#9 Endosulfan I

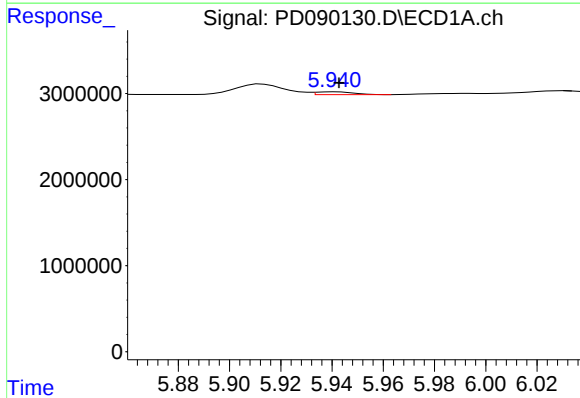
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



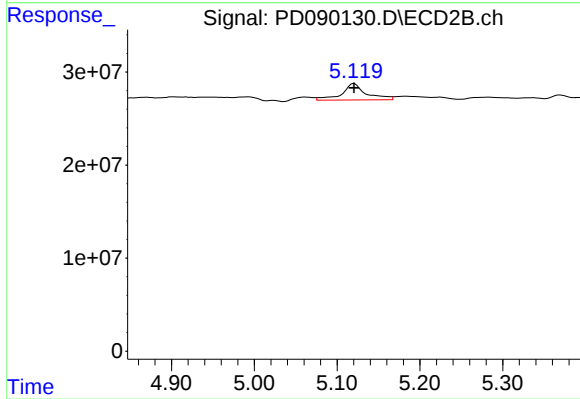
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.016 min
Response: 2893187
Conc: 0.11 ng/ml



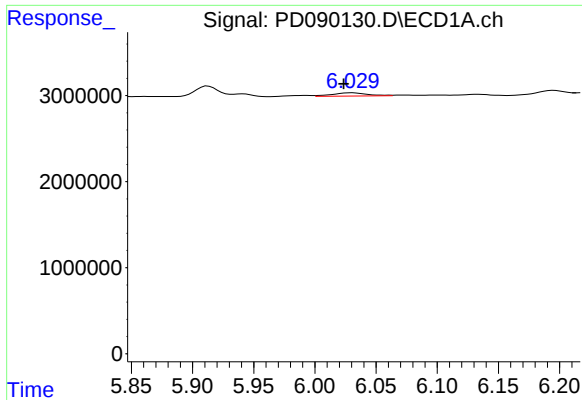
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 327083
Conc: 0.07 ng/ml



#10 gamma-Chlordane

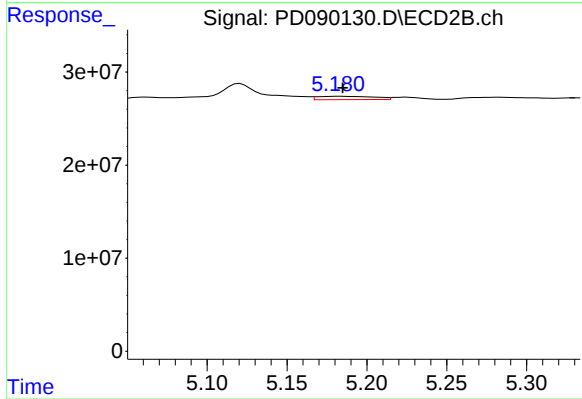
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 35868321
Conc: 1.21 ng/ml



#11 alpha-Chlordane

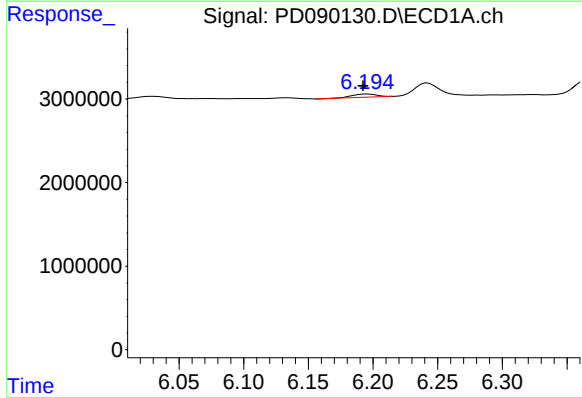
R.T.: 6.030 min
Delta R.T.: 0.007 min
Response: 730813
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



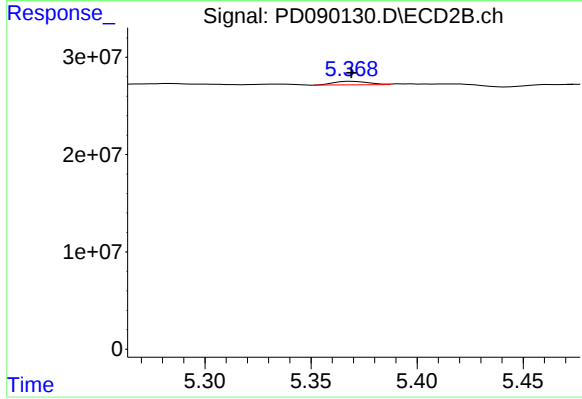
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 8806792
Conc: 0.31 ng/ml



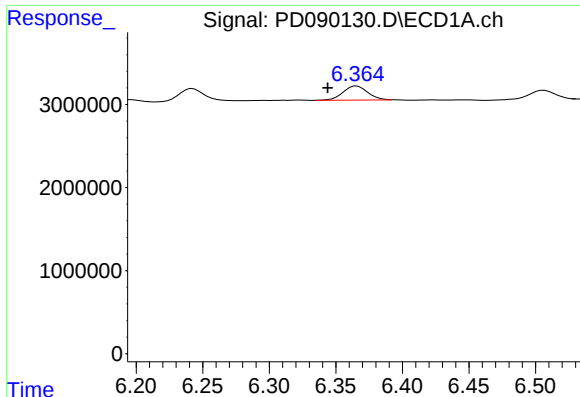
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 459525
Conc: 0.10 ng/ml



#12 4,4'-DDE

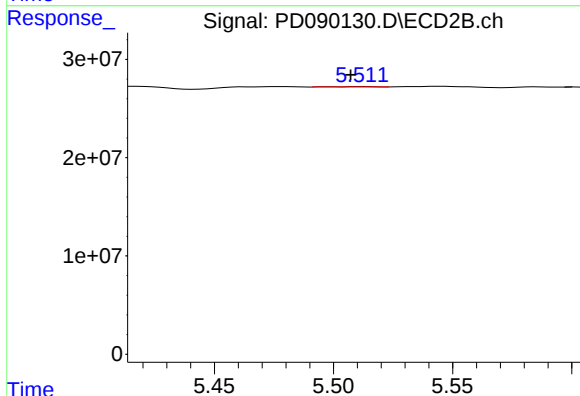
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 4084000
Conc: 0.14 ng/ml



#13 Dieldrin

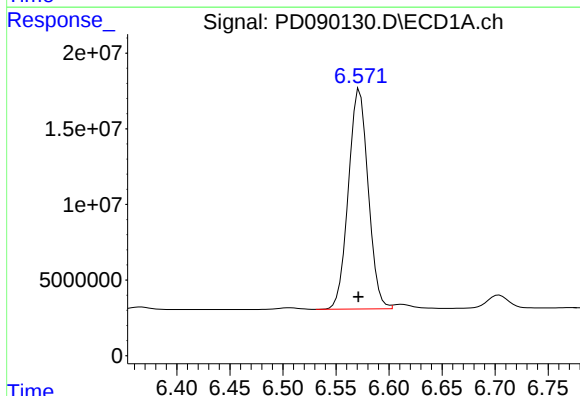
R.T.: 6.366 min
Delta R.T.: 0.022 min
Response: 2205015
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



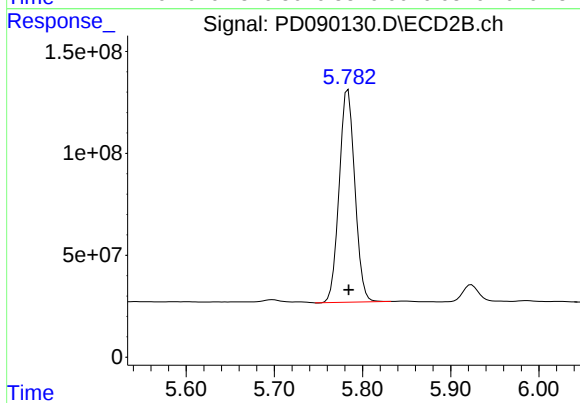
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.005 min
Response: 354108
Conc: 0.01 ng/ml



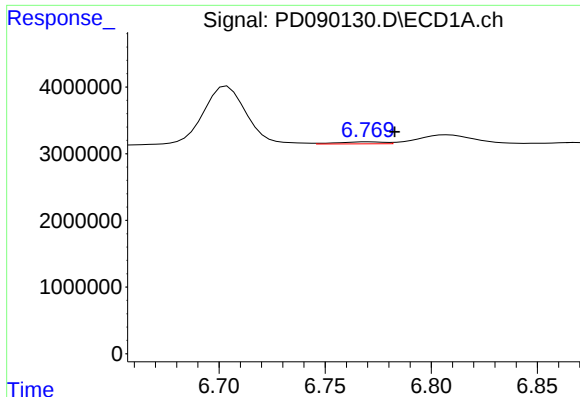
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 188685129
Conc: 45.54 ng/ml



#14 Endrin

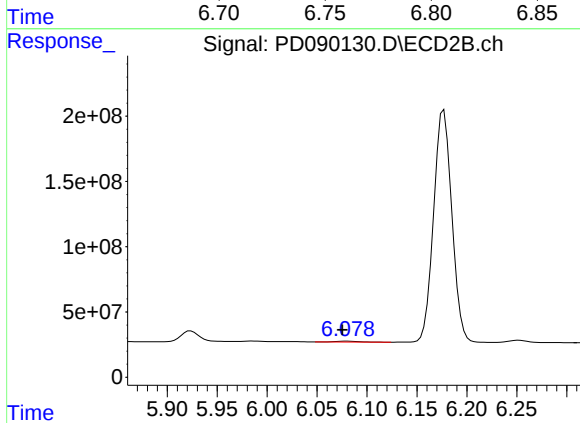
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1286083012
Conc: 48.29 ng/ml



#15 Endosulfan II

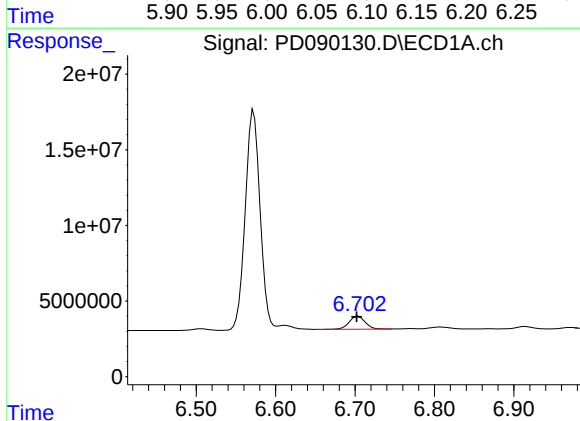
R.T.: 6.770 min
Delta R.T.: -0.012 min
Response: 459405
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



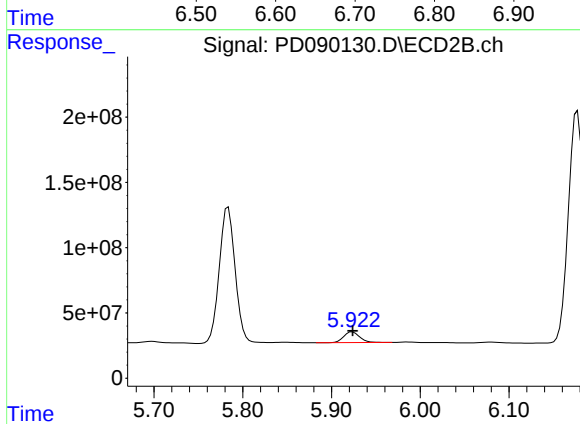
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 9193264
Conc: 0.36 ng/ml



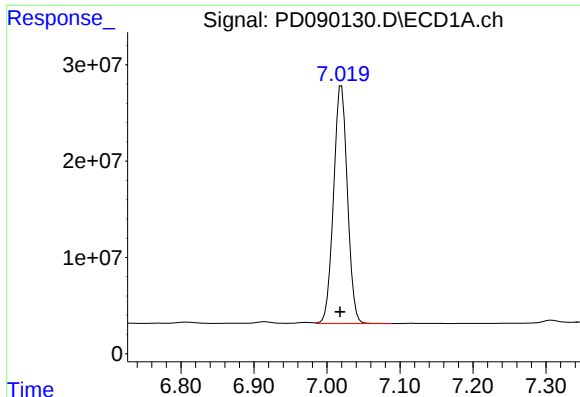
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 12444911
Conc: 3.60 ng/ml



#16 4,4'-DDD

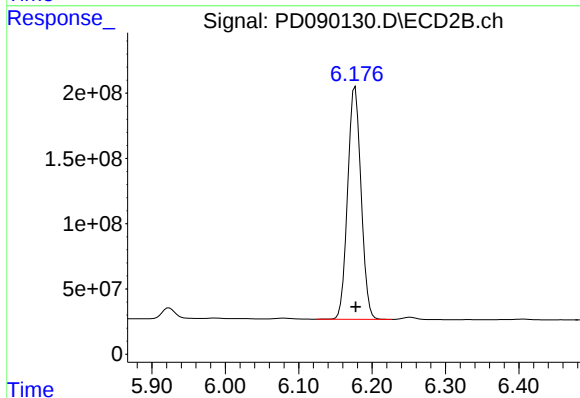
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 103433179
Conc: 4.30 ng/ml



#17 4,4'-DDT

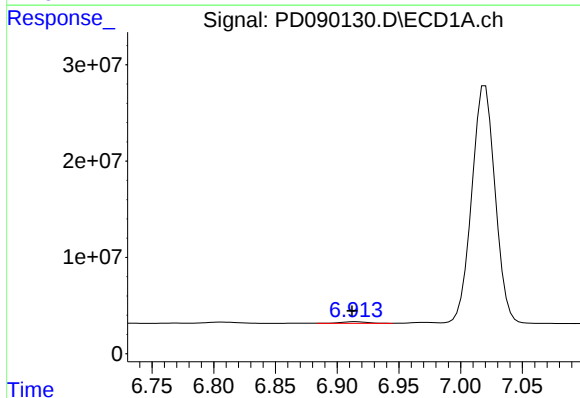
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 325354049
Conc: 85.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



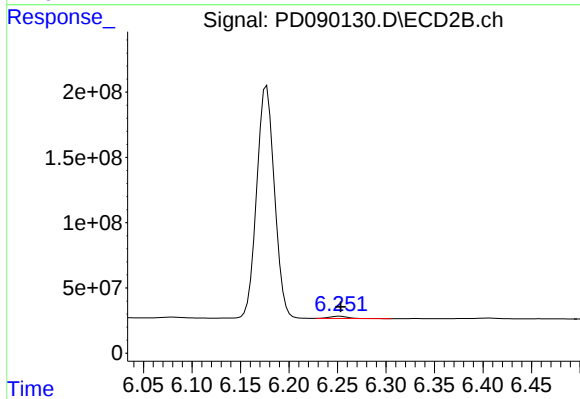
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2268199103
Conc: 90.48 ng/ml



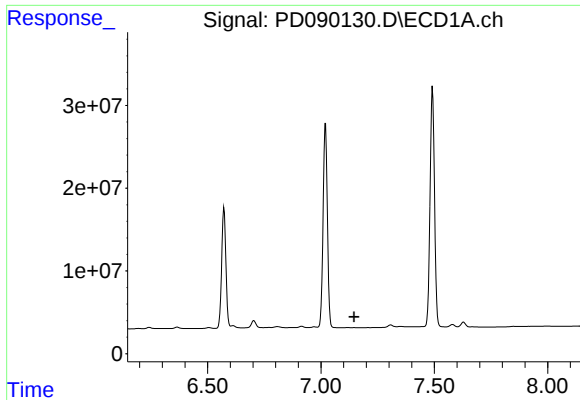
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 2470117
Conc: 0.86 ng/ml



#18 Endrin aldehyde

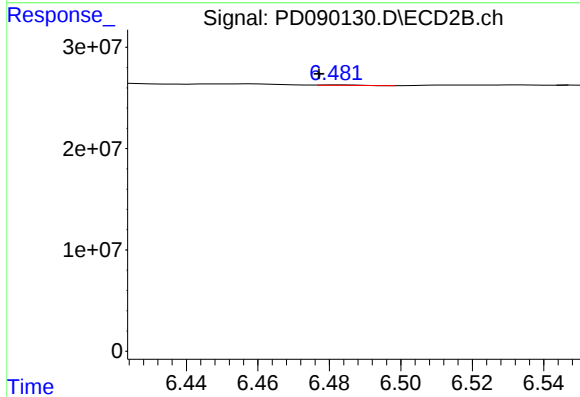
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 21700639
Conc: 1.26 ng/ml



#19 Endosulfan Sulfate

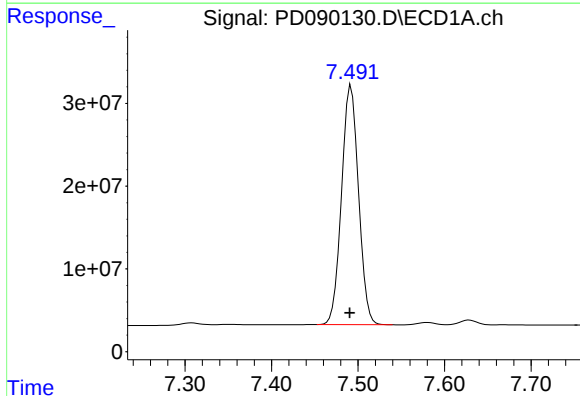
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



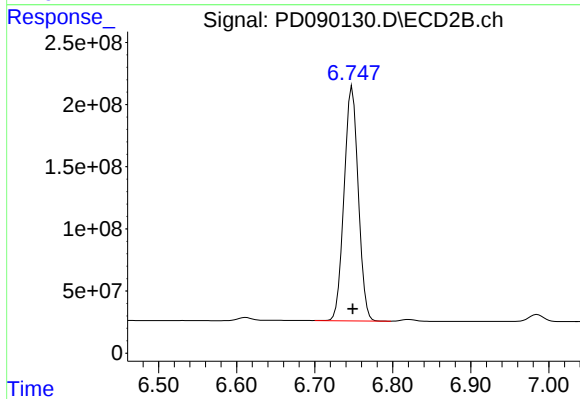
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.005 min
Response: 357810
Conc: 0.01 ng/ml



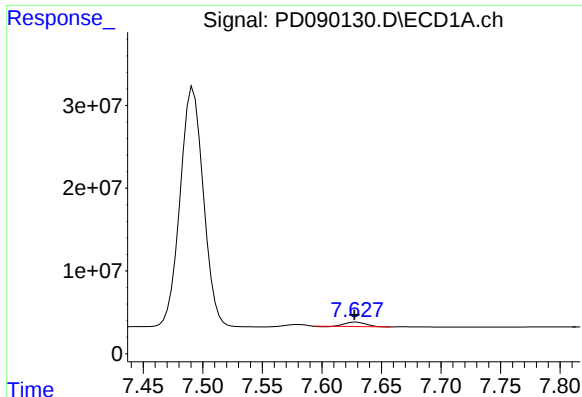
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 392300041
Conc: 195.60 ng/ml



#20 Methoxychlor

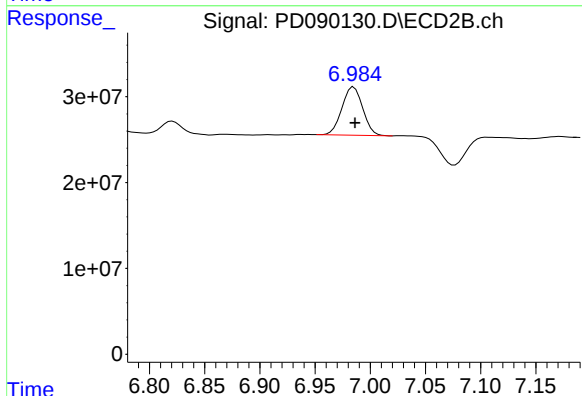
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2379938034
Conc: 184.55 ng/ml



#21 Endrin ketone

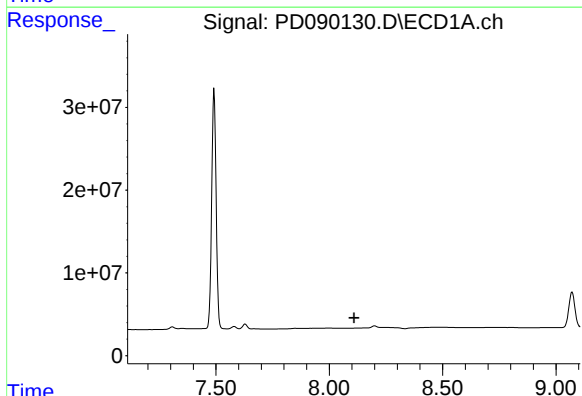
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 6240713
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



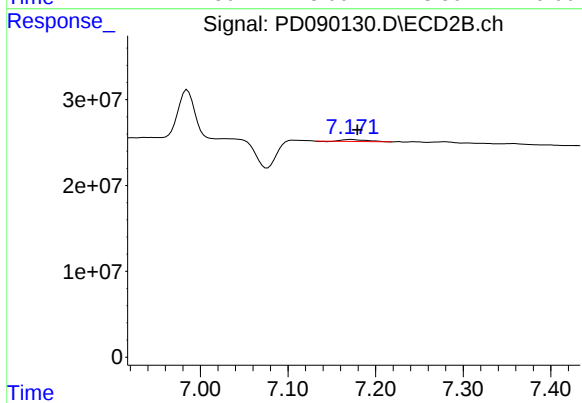
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.001 min
Response: 73823731
Conc: 2.77 ng/ml



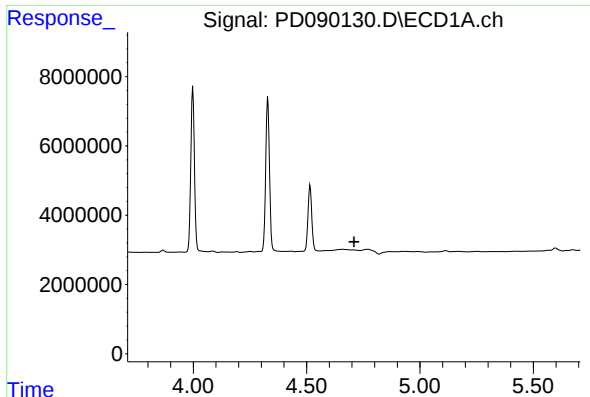
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.015 min
Response: -34296
Conc: N.D.



#22 Mirex

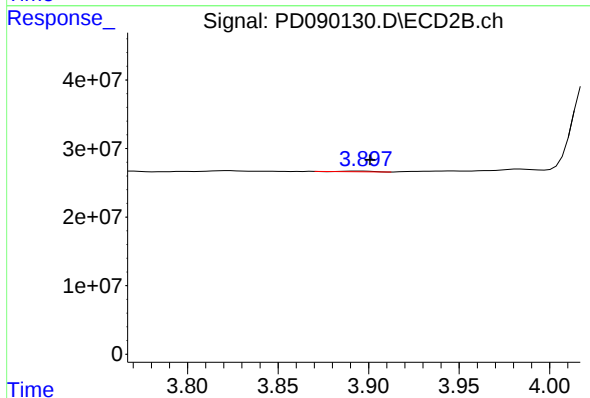
R.T.: 7.172 min
Delta R.T.: -0.007 min
Response: 4449724
Conc: 0.22 ng/ml



#23 Chlordane-1

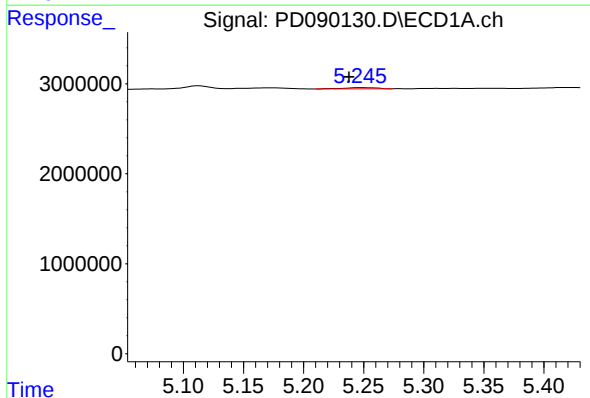
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



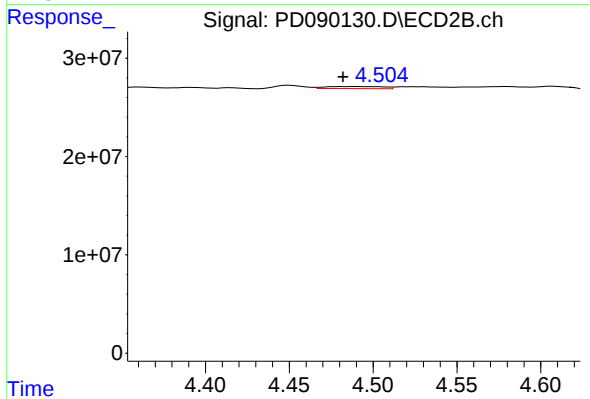
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 882662
Conc: 0.99 ng/ml



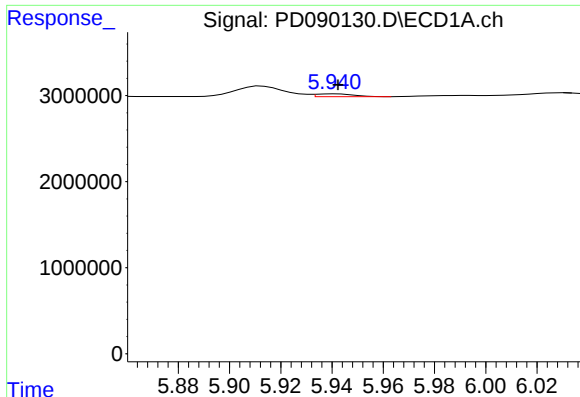
#24 Chlordane-2

R.T.: 5.246 min
Delta R.T.: 0.008 min
Response: 234246
Conc: 1.33 ng/ml



#24 Chlordane-2

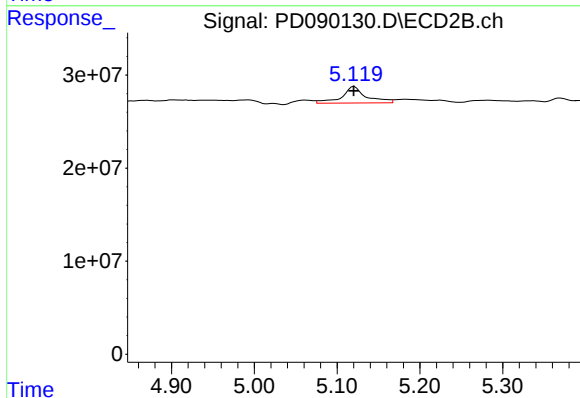
R.T.: 4.489 min
Delta R.T.: 0.007 min
Response: 5088338
Conc: 5.31 ng/ml



#25 Chlordane-3

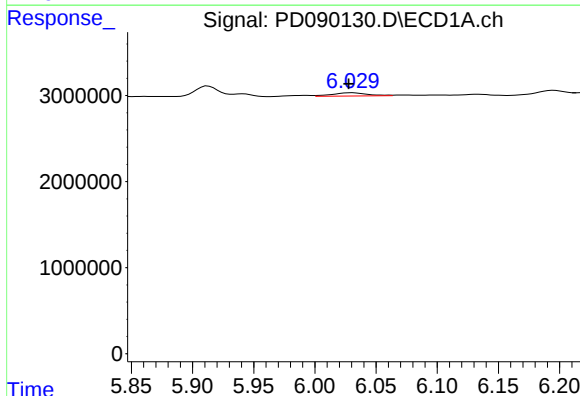
R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 327083
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



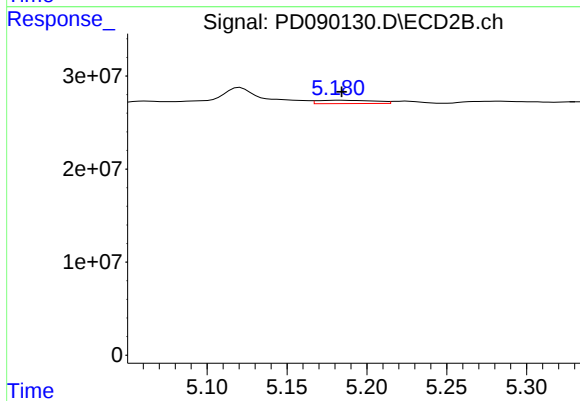
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 35868321
Conc: 12.94 ng/ml



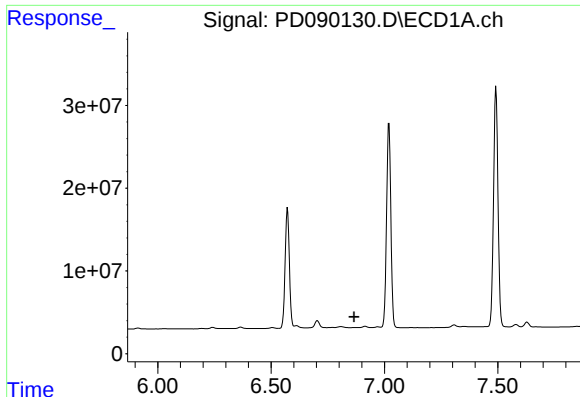
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 730813
Conc: 0.88 ng/ml



#26 Chlordane-4

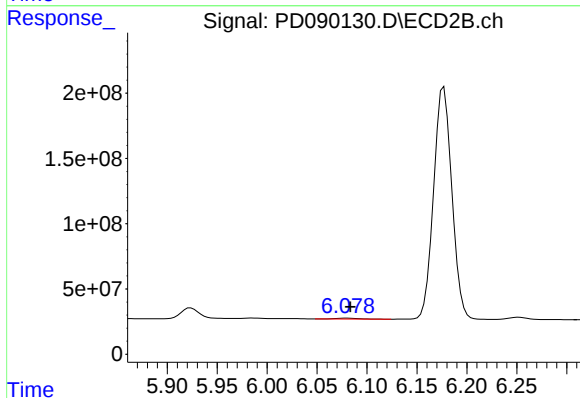
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 8806792
Conc: 3.66 ng/ml



#27 Chlordane-5

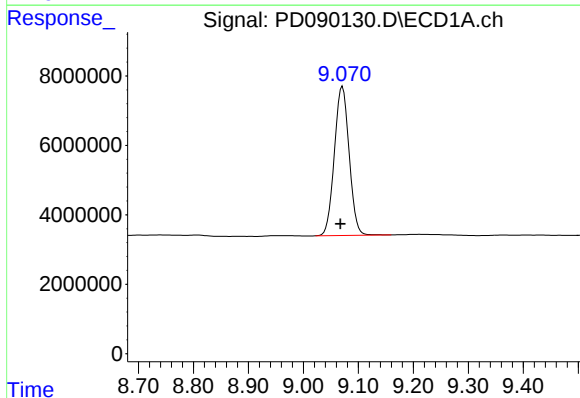
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



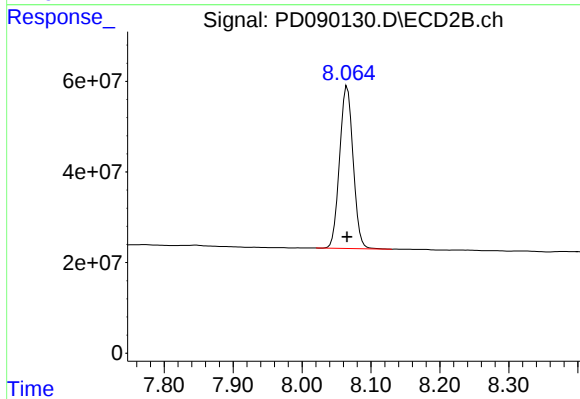
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 9193264
Conc: 8.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 80184154
Conc: 18.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 489212709
Conc: 18.90 ng/ml