

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 10:20
 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: Nov 01 01:52:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	71695477	756.6E6	23.022	25.409
2)	SA Decachlor...	9.070	8.063	110.4E6	927.3E6	23.604	30.612 #
Target Compounds							
2)	A alpha-BHC	3.994	3.386	70994891	643.2E6	9.892	12.588 #
3)	MA gamma-BHC...	4.325	3.723	69297722	596.4E6	10.193	12.622
4)	MA Heptachlor	4.947f	4.077	2441200	2733755	0.437	0.061 #
5)	MB Aldrin	0.000	4.361	0	2158159	N.D.	0.047 #
6)	B beta-BHC	4.513	4.019	28855783	255.2E6	11.015	12.869
7)	B delta-BHC	4.771	4.262	2336842	1017111	0.346	0.021 #
8)	B Heptachlo...	0.000	4.866	0	2267799	N.D.	0.053 #
9)	A Endosulfan I	0.000	5.227	0	2546051	N.D.	0.065 #
10)	B gamma-Chl...	5.936	5.116	249889	1197660	0.042	0.027 #
11)	B alpha-Chl...	5.995f	5.194	6263845	1342089	1.014	0.031 #
12)	B 4,4'-DDE	6.193	5.371	327317	3017790	0.061	0.069
13)	MA Dieldrin	6.366f	5.504	152558	557076	0.026	0.013 #
14)	MA Endrin	6.570	5.781	268.7E6	2404.7E6	54.235	59.385
15)	B Endosulfa...	6.800f	6.080	3935769	5377003	0.787	0.143 #
16)	A 4,4'-DDD	6.702	5.923	2890474	32758001	0.713	0.899 #
17)	MA 4,4'-DDT	7.018	6.175	487.7E6	4631.1E6	118.637	132.041
18)	B Endrin al...	6.914	6.249	1261427	26625425	0.344	0.961 #
19)	B Endosulfa...	0.000	6.471	0	1138255	N.D.	0.032 #
20)	A Methoxychlor	7.491	6.745	582.8E6	4605.9E6	274.191	264.285
21)	B Endrin ke...	7.628	6.983	4194857	37491849	0.863	0.994
22)	Mirex	0.000	7.168	0	10140582	N.D.	0.395 #
23)	Chlordane-1	0.000	3.898	0	933922	N.D.	0.749 #
24)	Chlordane-2	0.000	4.483	0	2116720	N.D.	1.623 #
25)	Chlordane-3	5.936	5.116	249889	1197660	0.328	0.308
26)	Chlordane-4	0.000	5.194	0	1342089	N.D.	0.402 #
27)	Chlordane-5	0.000	6.080	0	5377003	N.D.	3.643 #

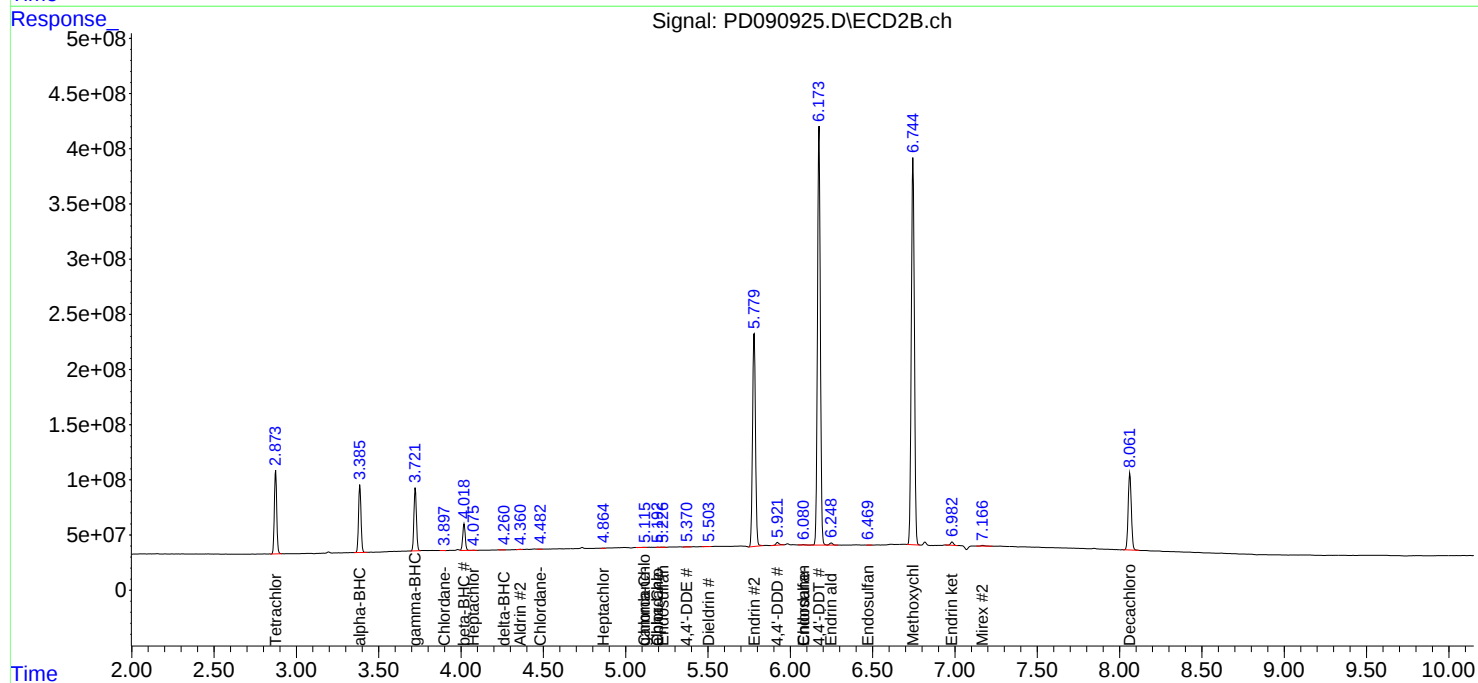
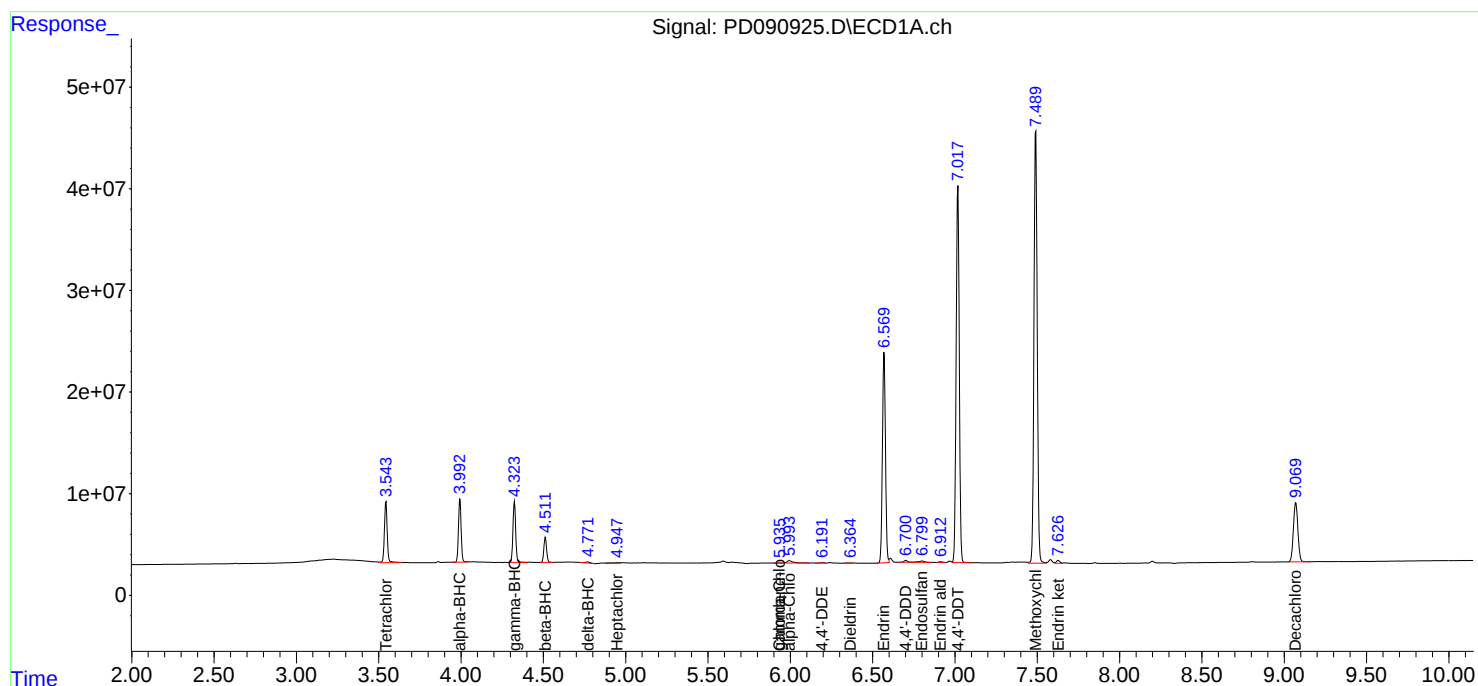
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

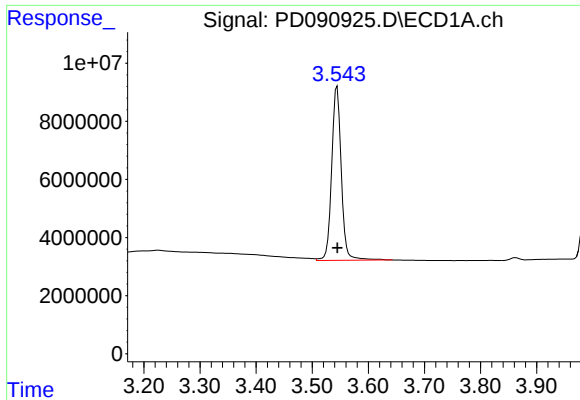
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 10:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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

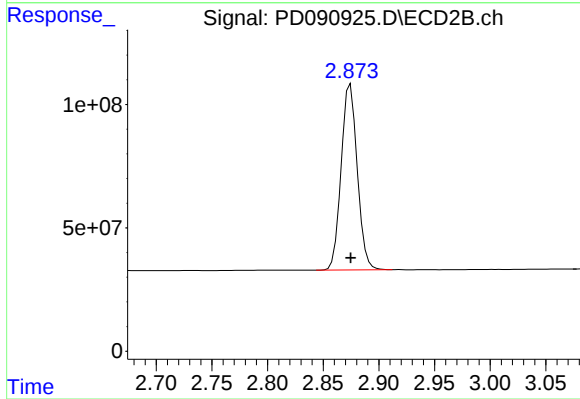




#1 Tetrachloro-m-xylene

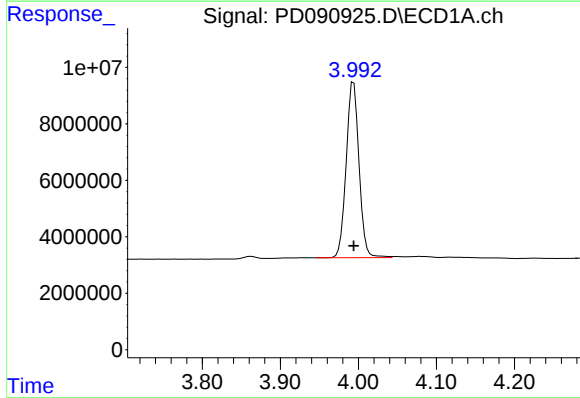
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 71695477
Conc: 23.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



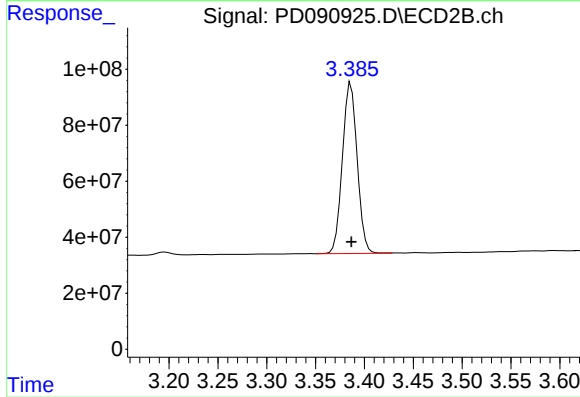
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 756601248
Conc: 25.41 ng/ml



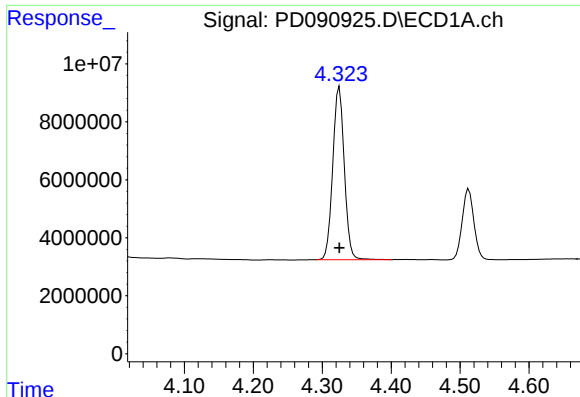
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 70994891
Conc: 9.89 ng/ml



#2 alpha-BHC

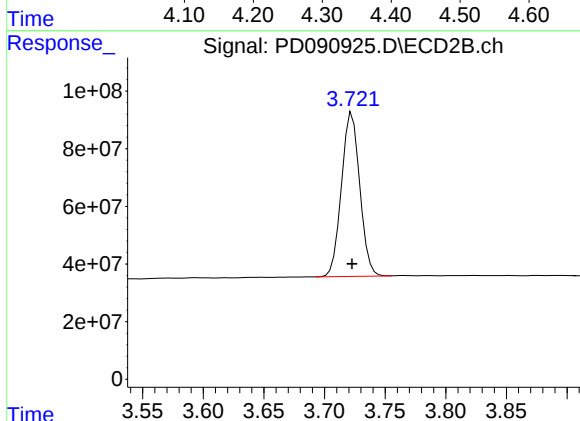
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 643212412
Conc: 12.59 ng/ml



#3 gamma-BHC (Lindane)

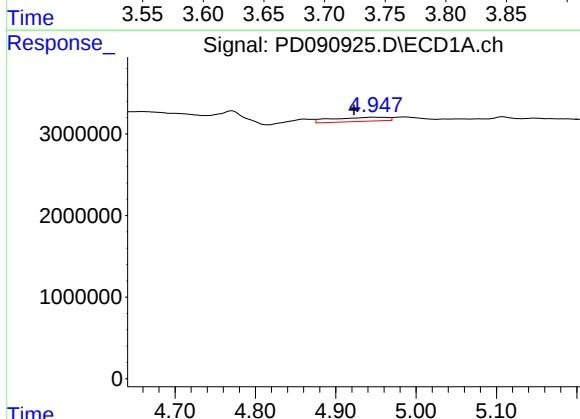
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 69297722
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



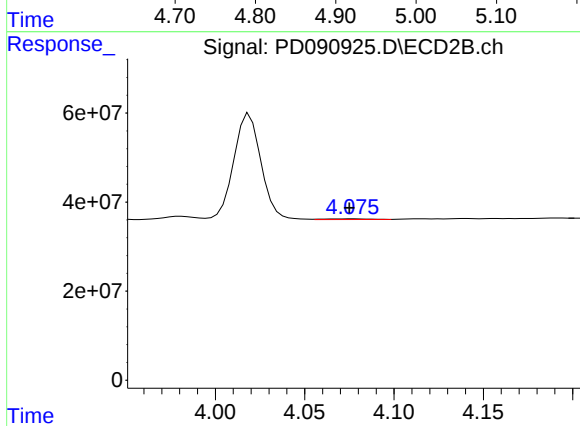
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 596397018
Conc: 12.62 ng/ml



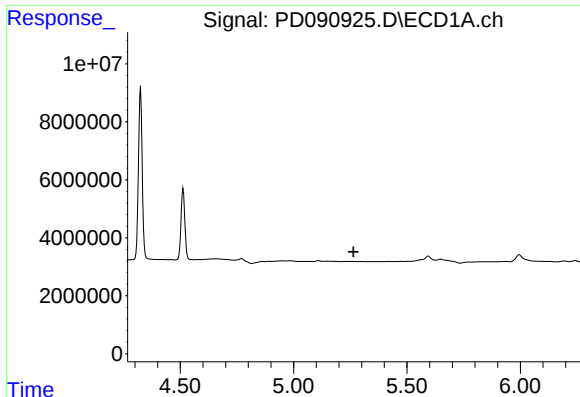
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.025 min
Response: 2441200
Conc: 0.44 ng/ml



#4 Heptachlor

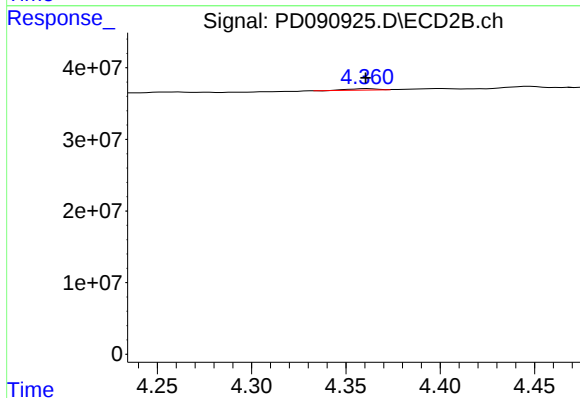
R.T.: 4.077 min
Delta R.T.: 0.002 min
Response: 2733755
Conc: 0.06 ng/ml



#5 Aldrin

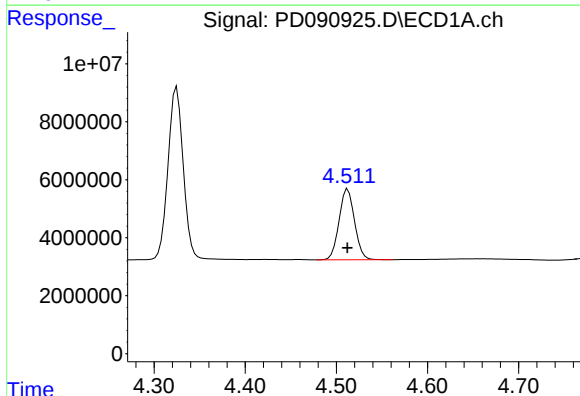
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



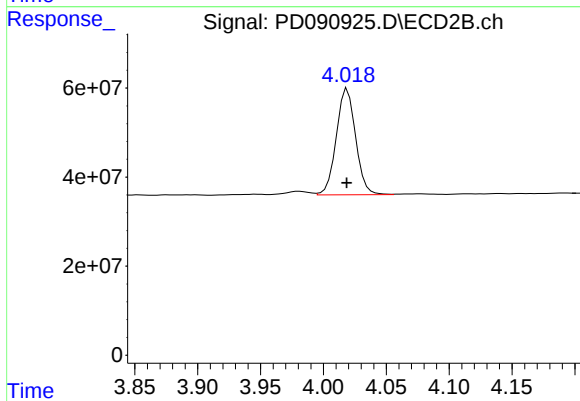
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2158159
Conc: 0.05 ng/ml



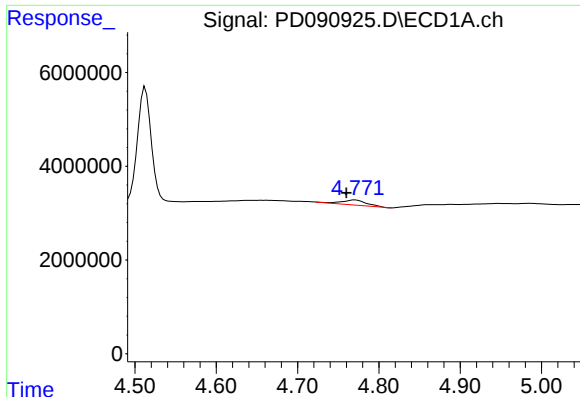
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 28855783
Conc: 11.02 ng/ml



#6 beta-BHC

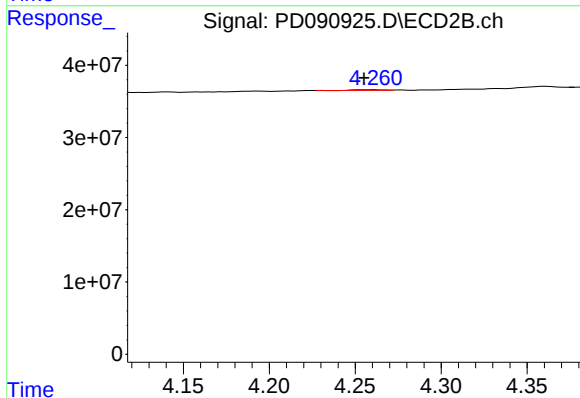
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 255186578
Conc: 12.87 ng/ml



#7 delta-BHC

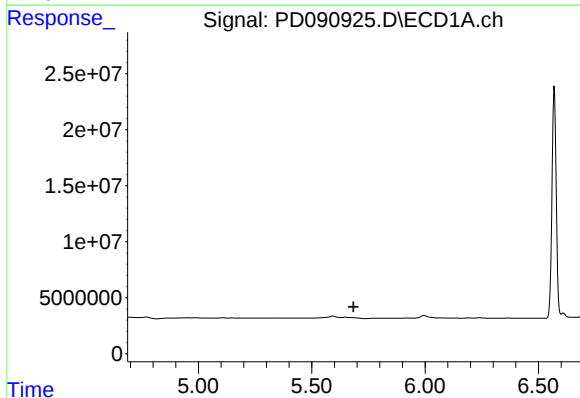
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 2336842
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



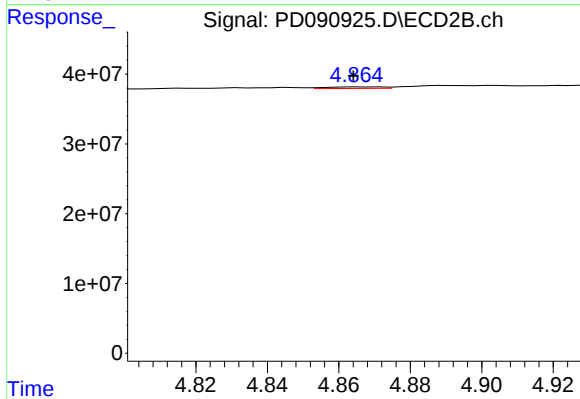
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.007 min
Response: 1017111
Conc: 0.02 ng/ml



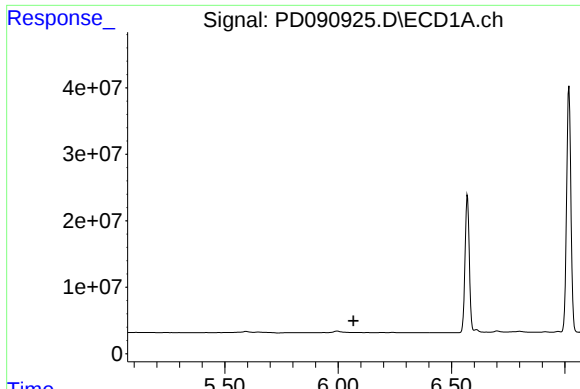
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

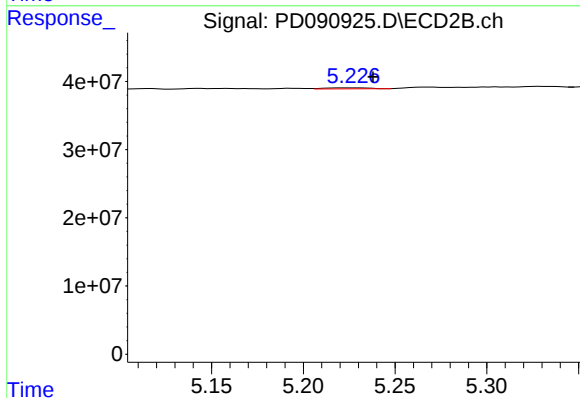
R.T.: 4.866 min
Delta R.T.: 0.002 min
Response: 2267799
Conc: 0.05 ng/ml



#9 Endosulfan I

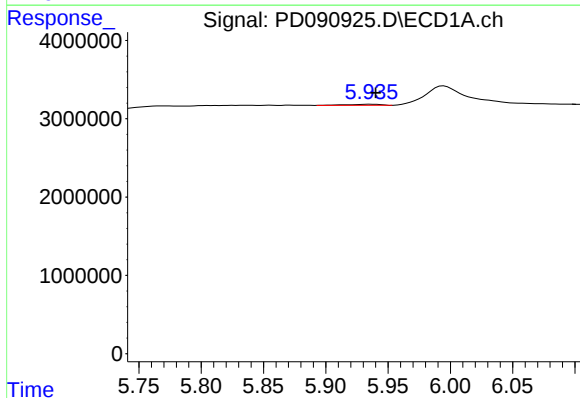
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



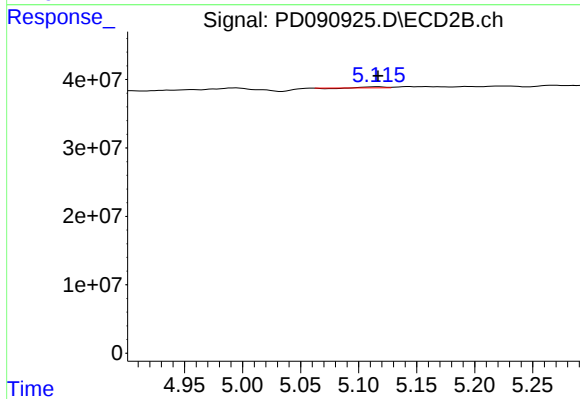
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.011 min
Response: 2546051
Conc: 0.06 ng/ml



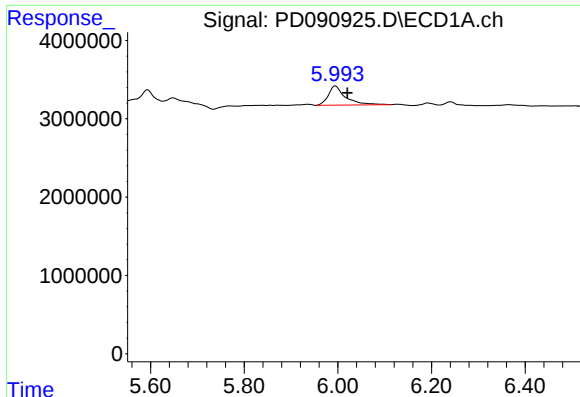
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 249889
Conc: 0.04 ng/ml



#10 gamma-Chlordane

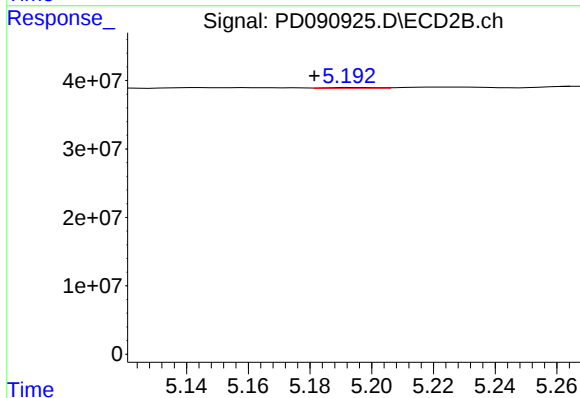
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1197660
Conc: 0.03 ng/ml



#11 alpha-Chlordane

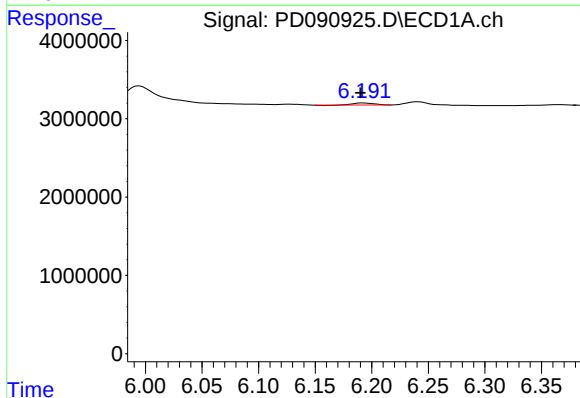
R.T.: 5.995 min
Delta R.T.: -0.026 min
Response: 6263845
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



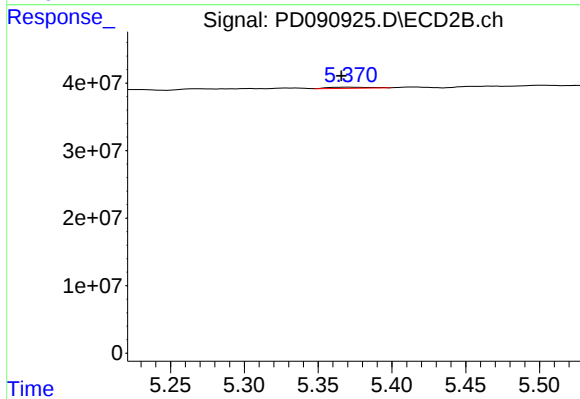
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1342089
Conc: 0.03 ng/ml



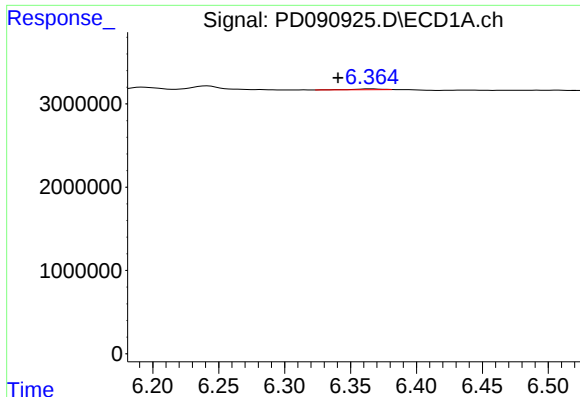
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 327317
Conc: 0.06 ng/ml



#12 4,4'-DDE

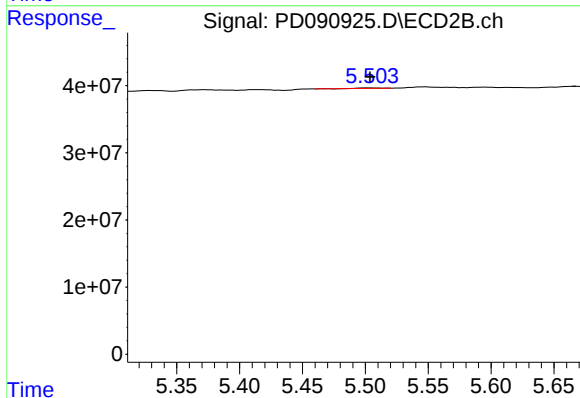
R.T.: 5.371 min
Delta R.T.: 0.006 min
Response: 3017790
Conc: 0.07 ng/ml



#13 Dieldrin

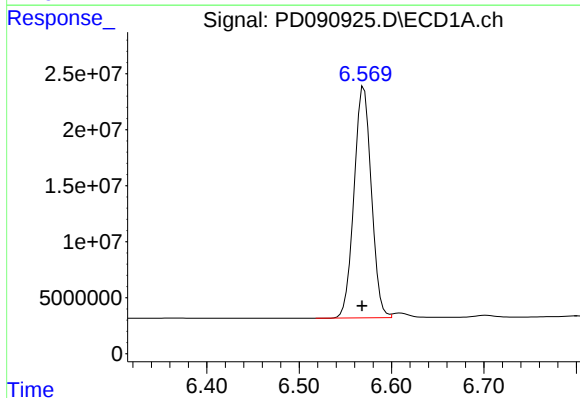
R.T.: 6.366 min
Delta R.T.: 0.026 min
Response: 152558
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



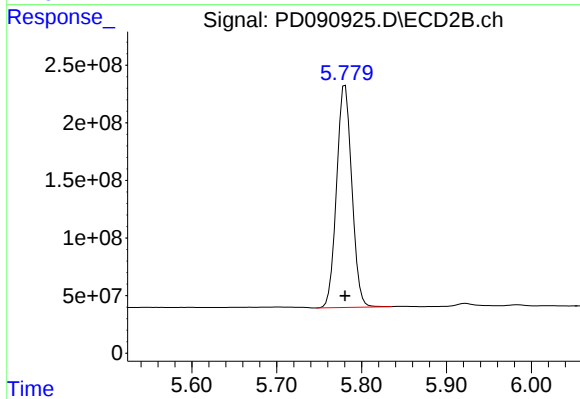
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 557076
Conc: 0.01 ng/ml



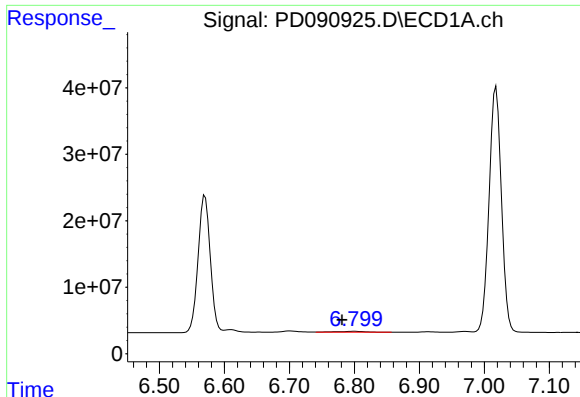
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.002 min
Response: 268666204
Conc: 54.24 ng/ml



#14 Endrin

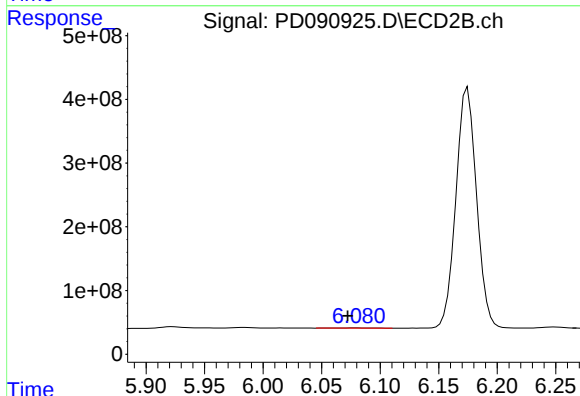
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2404729806
Conc: 59.38 ng/ml



#15 Endosulfan II

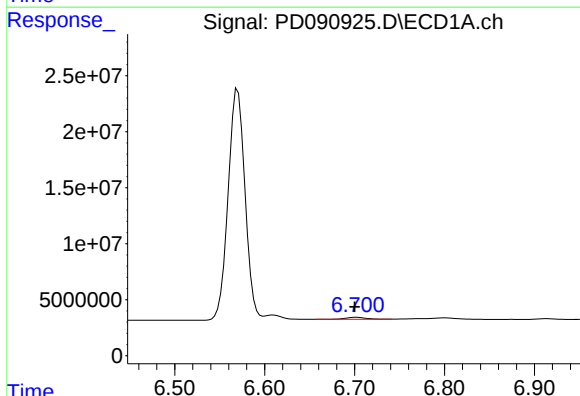
R.T.: 6.800 min
Delta R.T.: 0.019 min
Response: 3935769
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



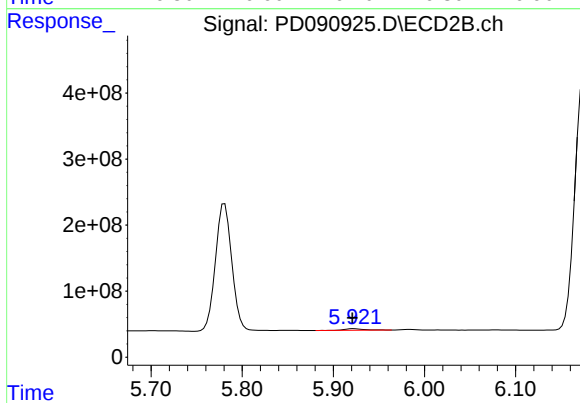
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.008 min
Response: 5377003
Conc: 0.14 ng/ml



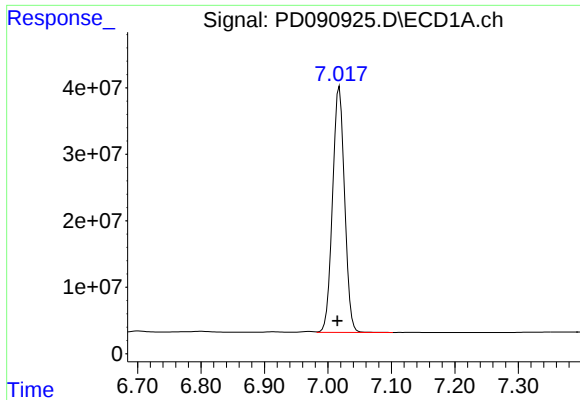
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 2890474
Conc: 0.71 ng/ml



#16 4,4'-DDD

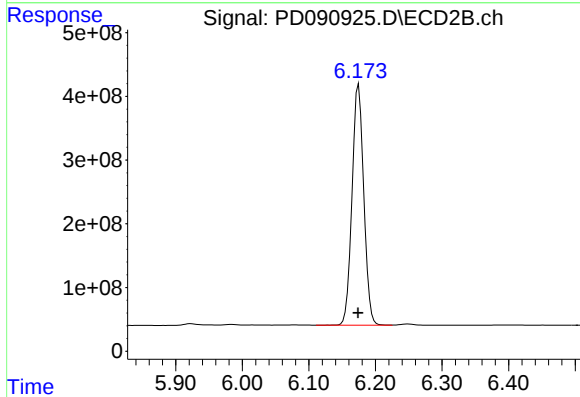
R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 32758001
Conc: 0.90 ng/ml



#17 4,4'-DDT

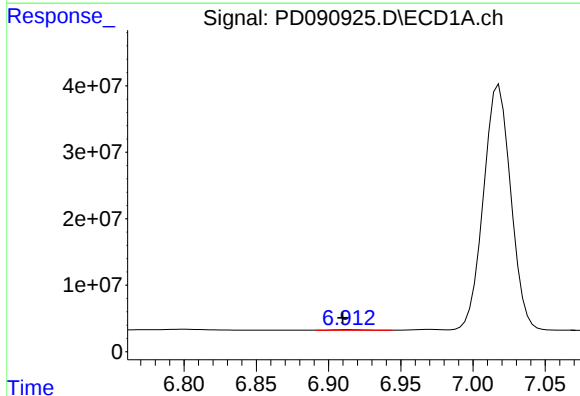
R.T.: 7.018 min
Delta R.T.: 0.003 min
Response: 487655600
Conc: 118.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



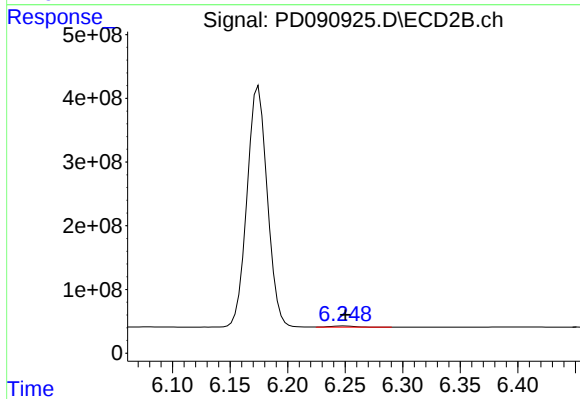
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 4631101492
Conc: 132.04 ng/ml



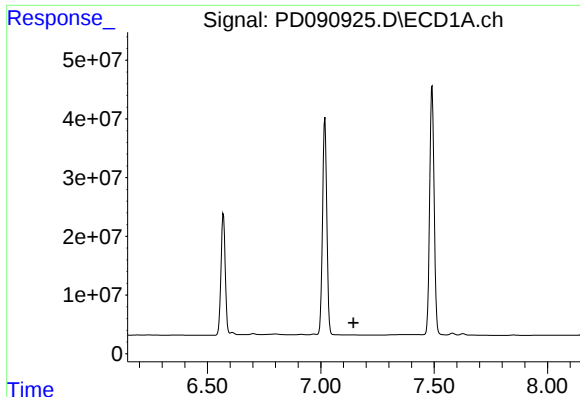
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.004 min
Response: 1261427
Conc: 0.34 ng/ml



#18 Endrin aldehyde

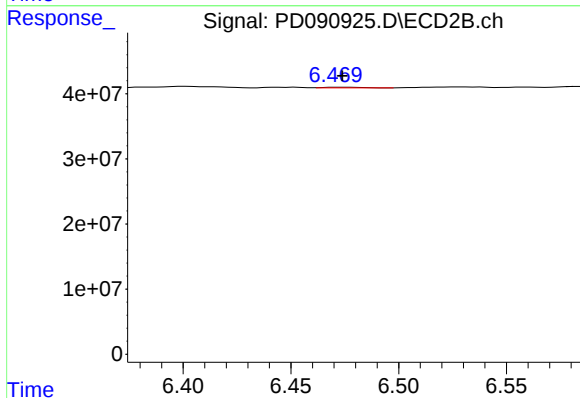
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 26625425
Conc: 0.96 ng/ml



#19 Endosulfan Sulfate

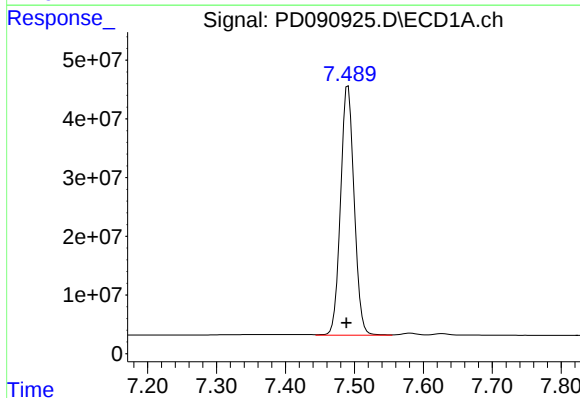
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



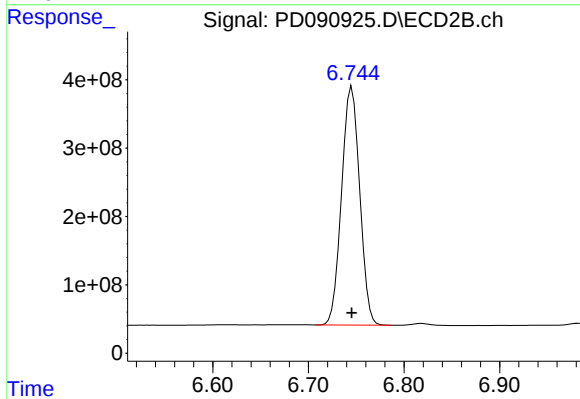
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 1138255
Conc: 0.03 ng/ml



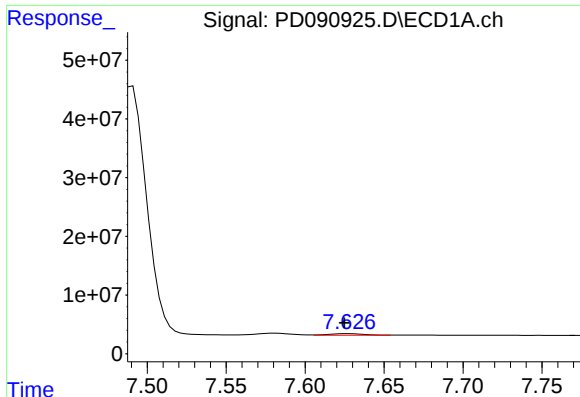
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.002 min
Response: 582816533
Conc: 274.19 ng/ml



#20 Methoxychlor

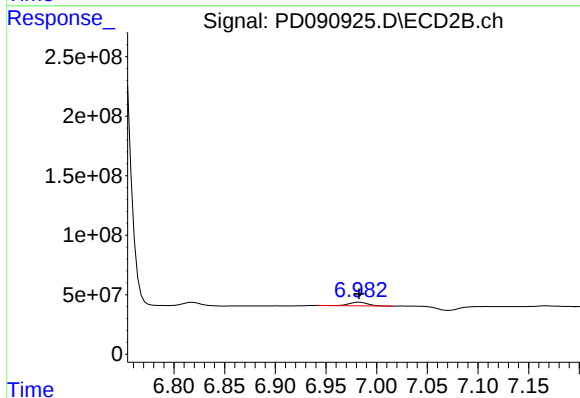
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 4605908734
Conc: 264.28 ng/ml



#21 Endrin ketone

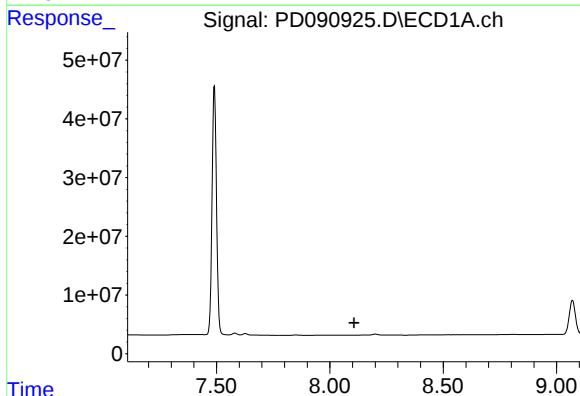
R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 4194857
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



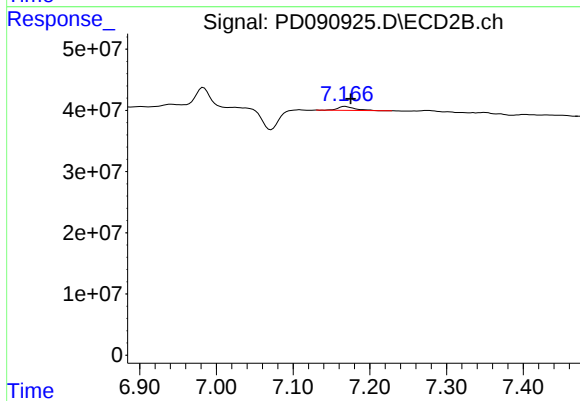
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 37491849
Conc: 0.99 ng/ml



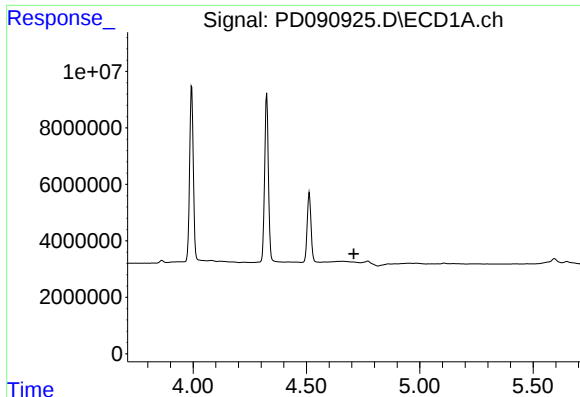
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

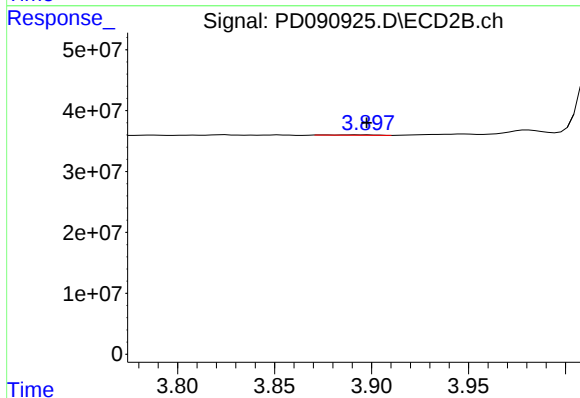
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 10140582
Conc: 0.39 ng/ml



#23 Chlordane-1

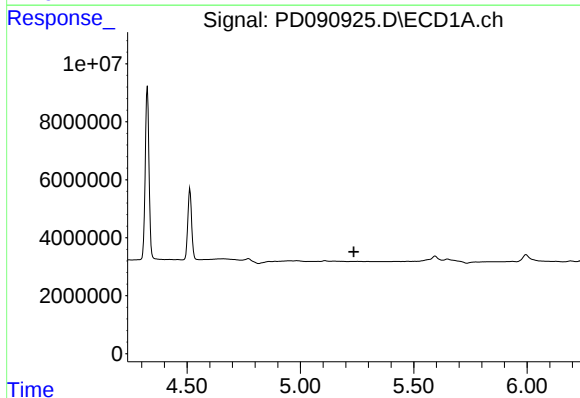
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



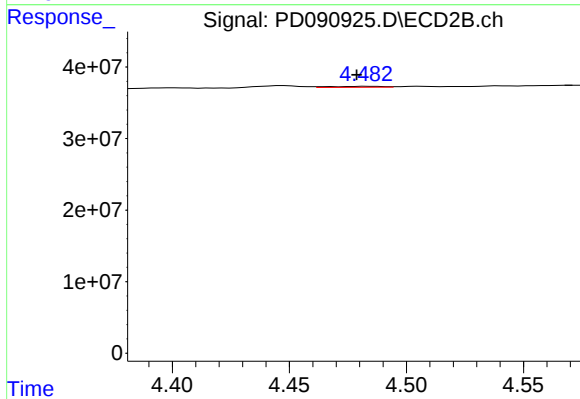
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 933922
Conc: 0.75 ng/ml



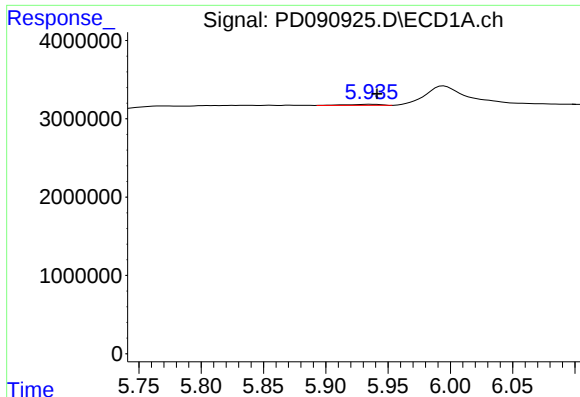
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

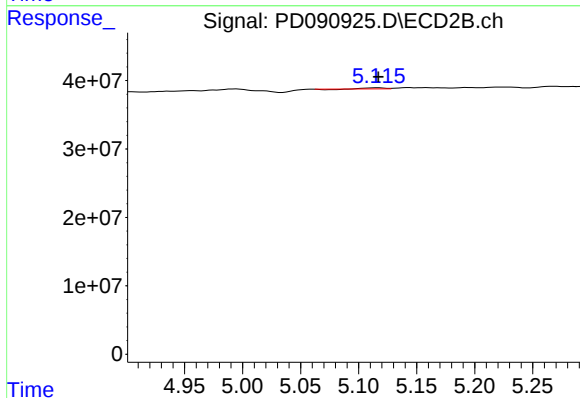
R.T.: 4.483 min
Delta R.T.: 0.005 min
Response: 2116720
Conc: 1.62 ng/ml



#25 Chlordane-3

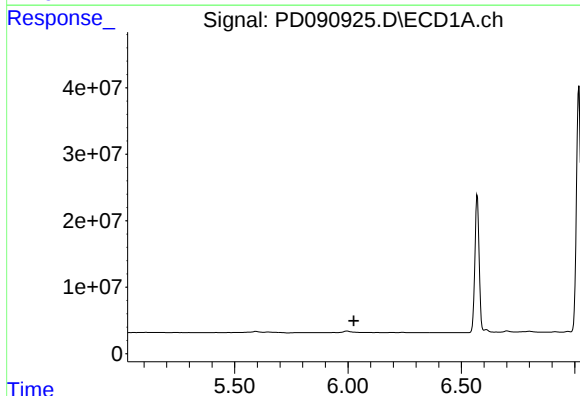
R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 249889
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



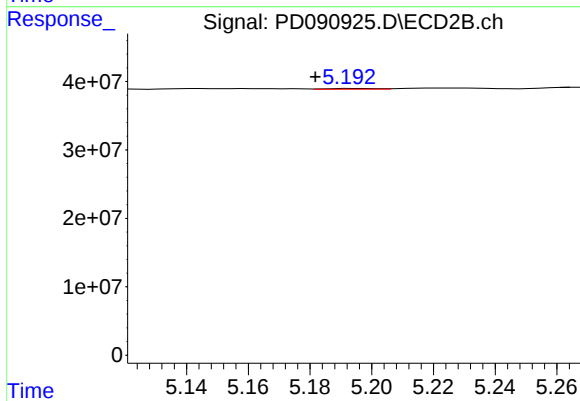
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1197660
Conc: 0.31 ng/ml



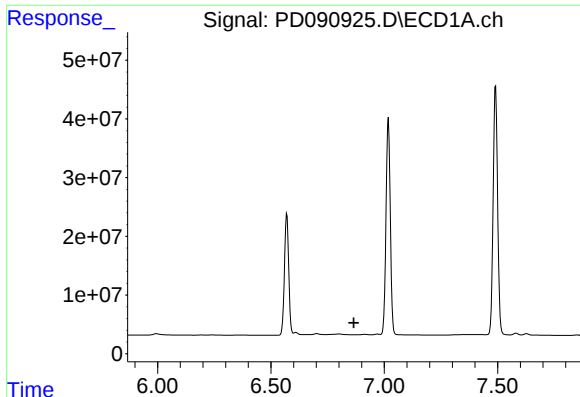
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#26 Chlordane-4

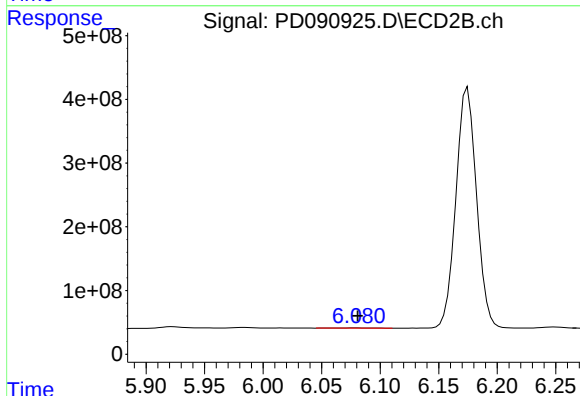
R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1342089
Conc: 0.40 ng/ml



#27 Chlordane-5

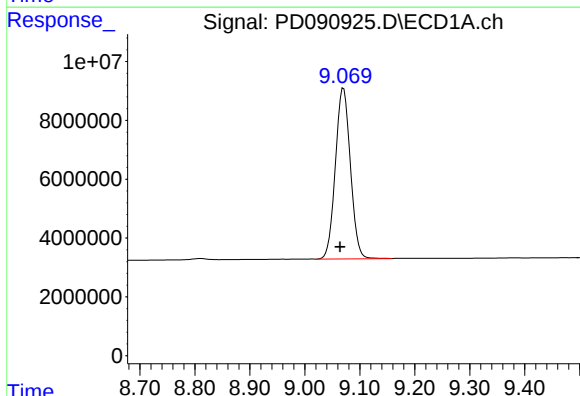
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



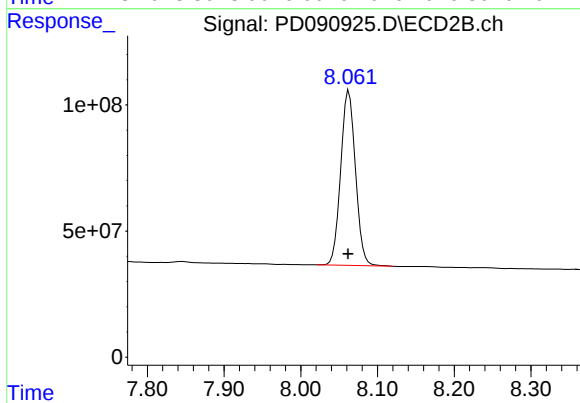
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 5377003
Conc: 3.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 110416651
Conc: 23.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 927281156
Conc: 30.61 ng/ml