

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082725\
 Data File : PD090045.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2025 10:57
 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 27 12:19:38 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	2.877	51340199	374.4E6	17.493	16.980
28)	SA Decachlor...	9.070	8.065	83518300	464.6E6	19.351	17.948
Target Compounds							
2)	A alpha-BHC	3.998	3.389	49478963	315.0E6	8.243	9.282
3)	MA gamma-BHC...	4.329	3.725	49170373	284.1E6	8.586	9.116
4)	MA Heptachlor	0.000	4.076	0	1649883	N.D.	0.053 #
5)	MB Aldrin	5.241f	4.362	291366	1738087	0.054	0.057
6)	B beta-BHC	4.515	4.021	21000482	124.5E6	9.363	9.337
7)	B delta-BHC	4.760	4.260	778002	747159	0.150	0.024 #
8)	B Heptachlo...	5.675	4.865	523101	3505845	0.107	0.127
9)	A Endosulfan I	0.000	5.225f	0	2428493	N.D.	0.093 #
10)	B gamma-Chl...	5.944	5.121	296905	36803424	0.061	1.243 #
11)	B alpha-Chl...	6.031	5.183	526838	5389374	0.107	0.189 #
12)	B 4,4'-DDE	6.195	5.370	515747	4143561	0.118	0.144
13)	MA Dieldrin	6.365f	5.504	3056711	645558	0.624	0.022 #
14)	MA Endrin	6.572	5.784	190.0E6	1096.1E6	45.848	41.156
15)	B Endosulfa...	6.768f	6.081	634479	6440469	0.150	0.255 #
16)	A 4,4'-DDD	6.704	5.924	11850633	81757954	3.426	3.400
17)	MA 4,4'-DDT	7.020	6.177	318.9E6	1880.1E6	83.712	74.996
18)	B Endrin al...	6.914	6.252	1849315	18367596	0.645	1.067 #
19)	B Endosulfa...	0.000	6.456f	0	1501880	N.D.	0.062 #
20)	A Methoxychlor	7.491	6.747	396.4E6	2036.3E6	197.631	157.903
21)	B Endrin ke...	7.629	6.984	6138105	59552521	1.481	2.235 #
22)	Mirex	0.000	7.171	0	2754357	N.D.	0.133 #
23)	Chlordane-1	0.000	3.896	0	627427	N.D.	0.706 #
24)	Chlordane-2	5.241	4.483	291366	3613351	1.655	3.772 #
25)	Chlordane-3	5.944	5.121	296905	36803424	0.438	13.282 #
26)	Chlordane-4	6.031	5.183	526838	5389374	0.635	2.239 #
27)	Chlordane-5	0.000	6.081	0	6440469	N.D.	5.855 #

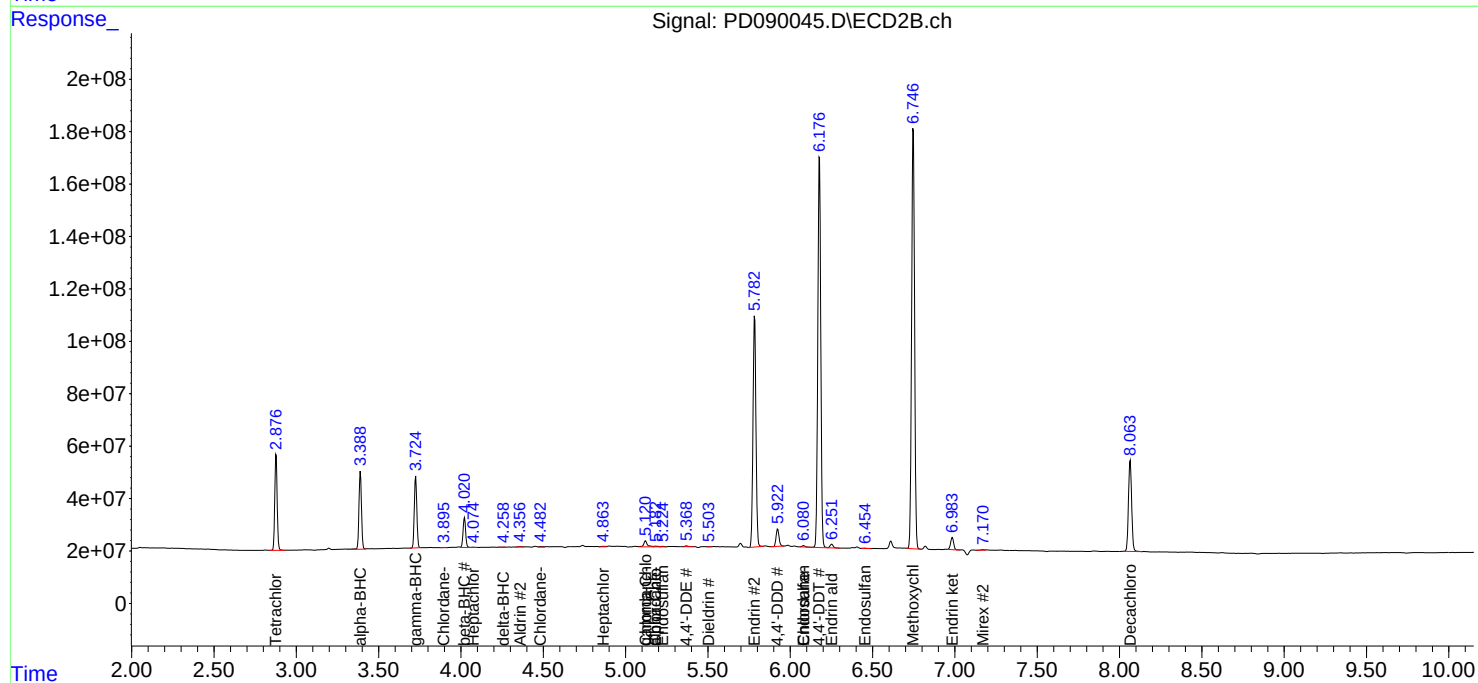
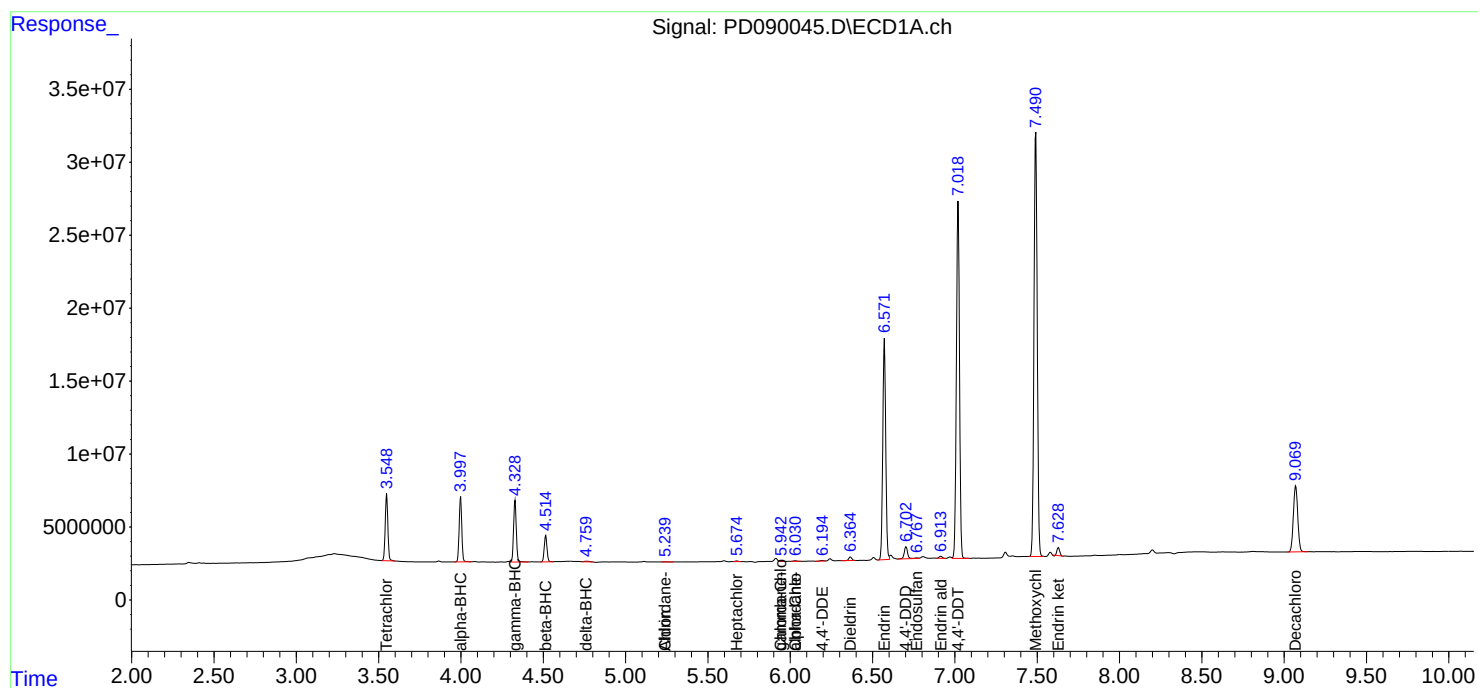
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

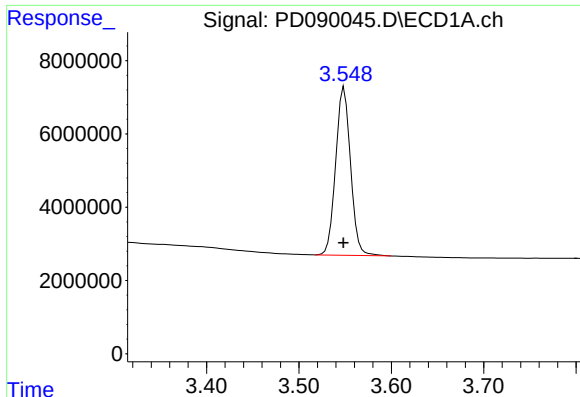
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082725\
Data File : PD090045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2025 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 12:19:38 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

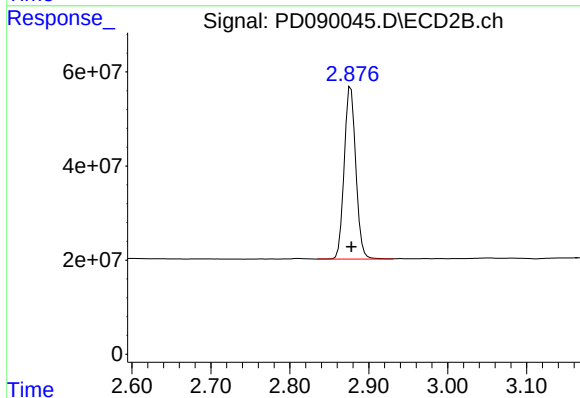




#1 Tetrachloro-m-xylene

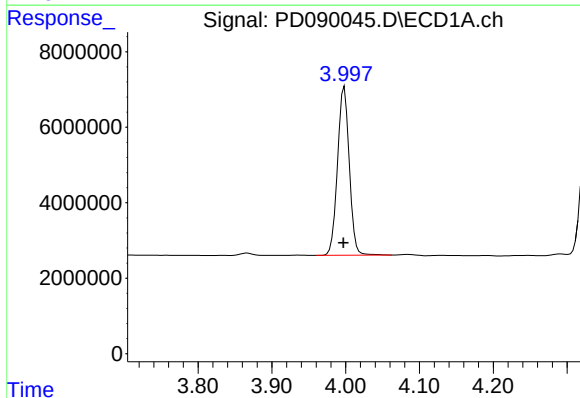
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 51340199
Conc: 17.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



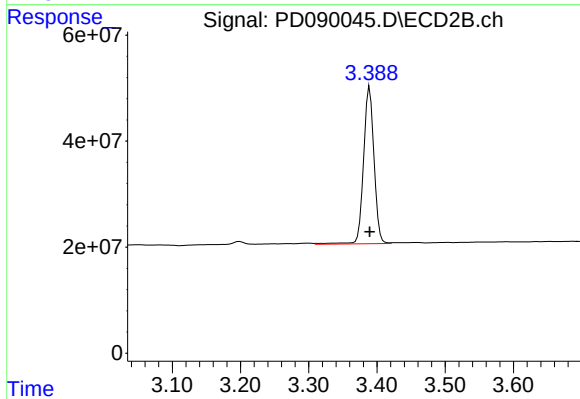
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 374414358
Conc: 16.98 ng/ml



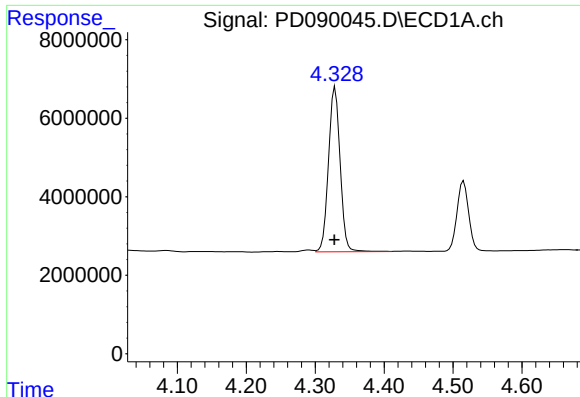
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 49478963
Conc: 8.24 ng/ml



#2 alpha-BHC

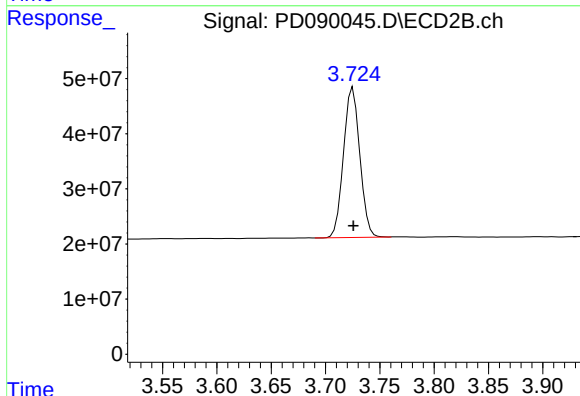
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 315023632
Conc: 9.28 ng/ml



#3 gamma-BHC (Lindane)

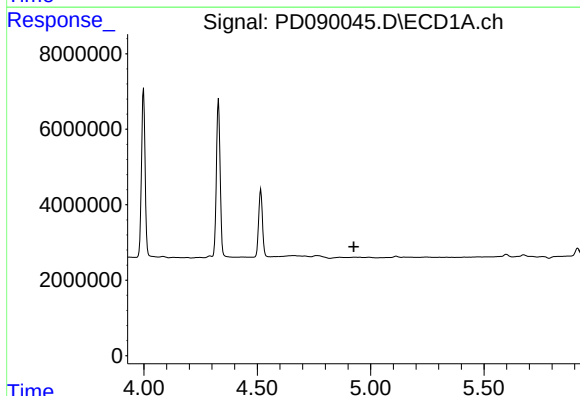
R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 49170373
Conc: 8.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



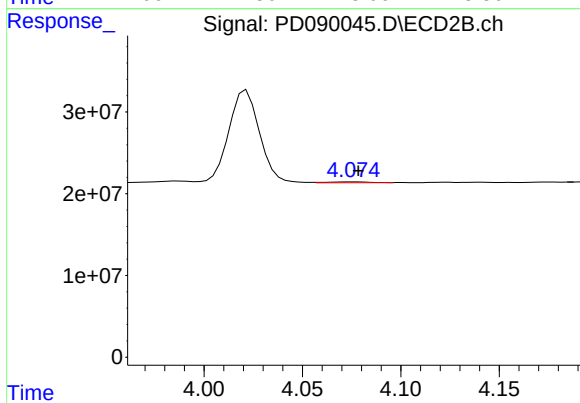
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 284143001
Conc: 9.12 ng/ml



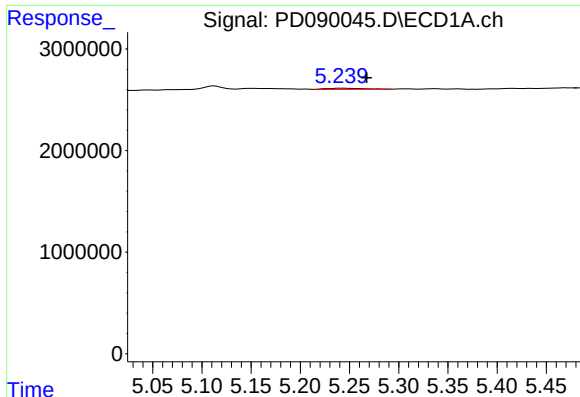
#4 Heptachlor

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



#4 Heptachlor

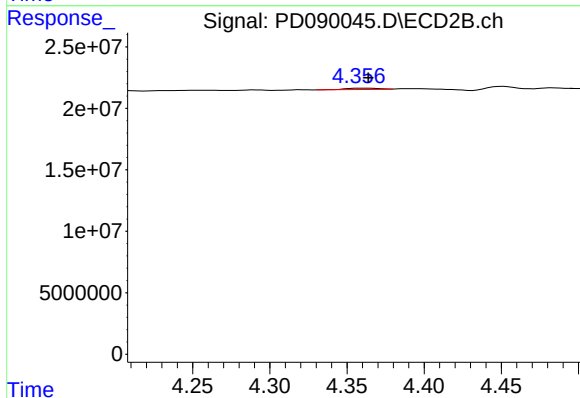
R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1649883
Conc: 0.05 ng/ml



#5 Aldrin

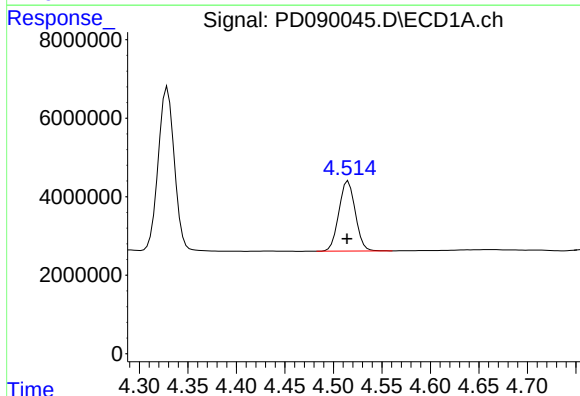
R.T.: 5.241 min
Delta R.T.: -0.026 min
Response: 291366
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



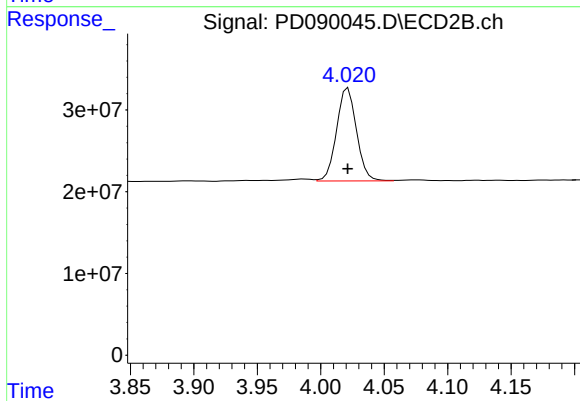
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1738087
Conc: 0.06 ng/ml



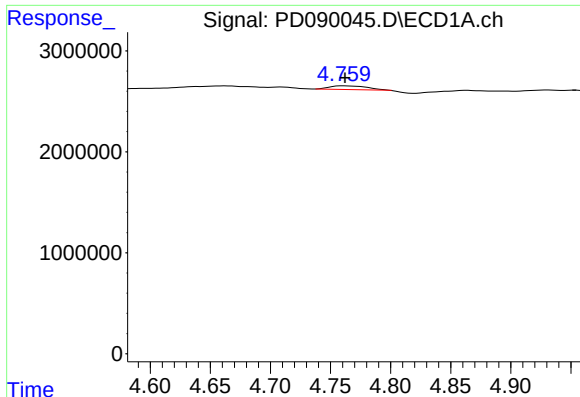
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 21000482
Conc: 9.36 ng/ml



#6 beta-BHC

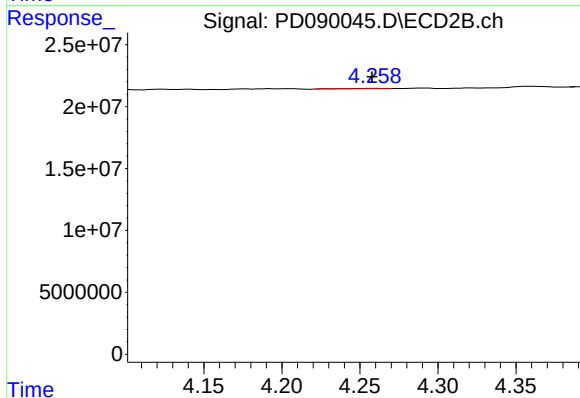
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 124458085
Conc: 9.34 ng/ml



#7 delta-BHC

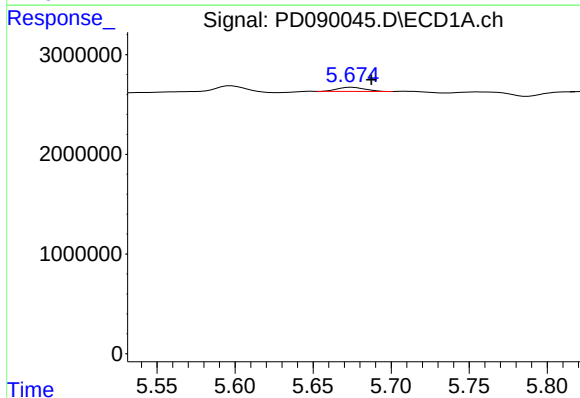
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 778002
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



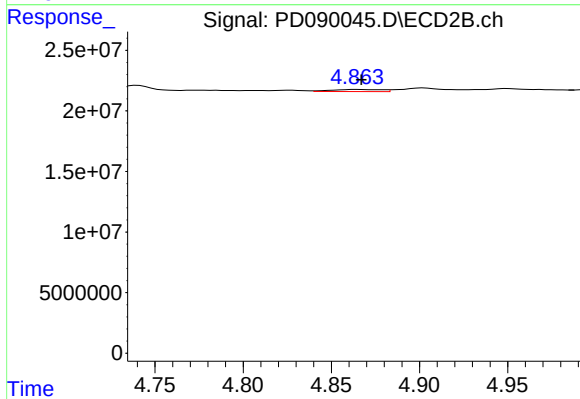
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.002 min
Response: 747159
Conc: 0.02 ng/ml



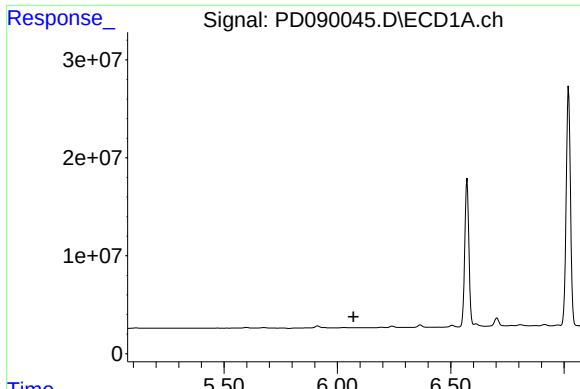
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.012 min
Response: 523101
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

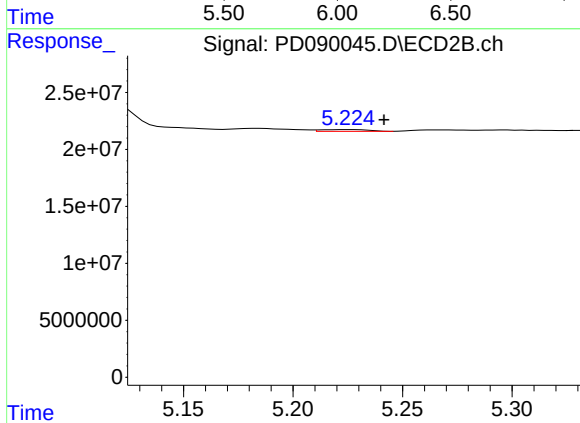
R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 3505845
Conc: 0.13 ng/ml



#9 Endosulfan I

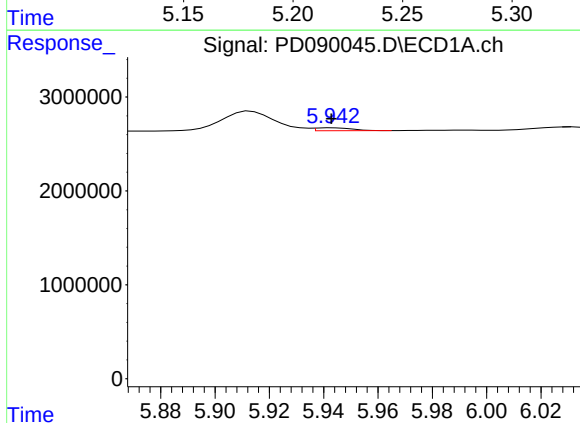
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



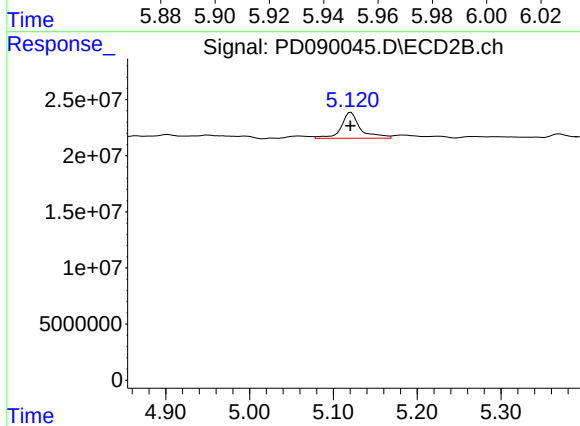
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.016 min
Response: 2428493
Conc: 0.09 ng/ml



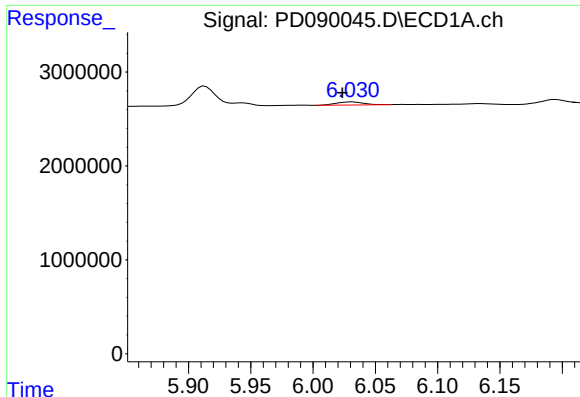
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 296905
Conc: 0.06 ng/ml



#10 gamma-Chlordane

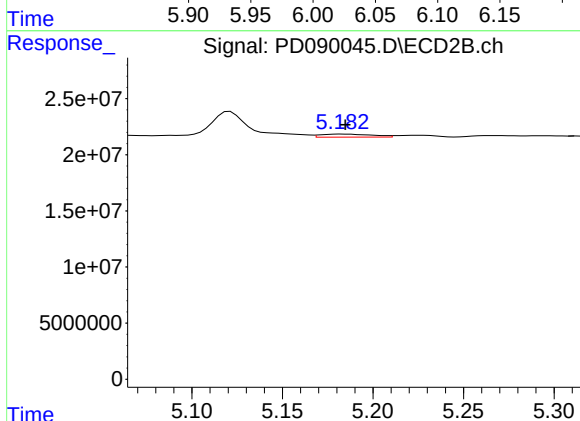
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 36803424
Conc: 1.24 ng/ml



#11 alpha-Chlordane

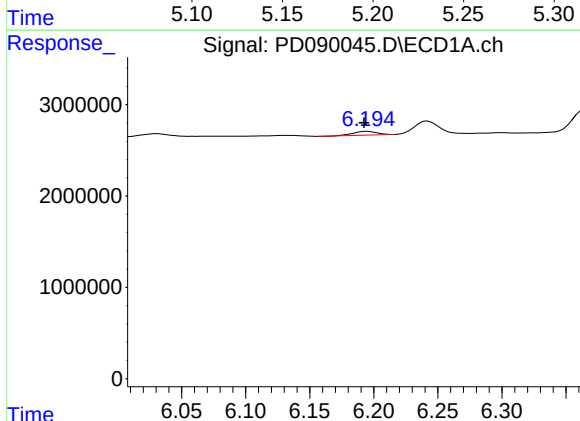
R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 526838
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



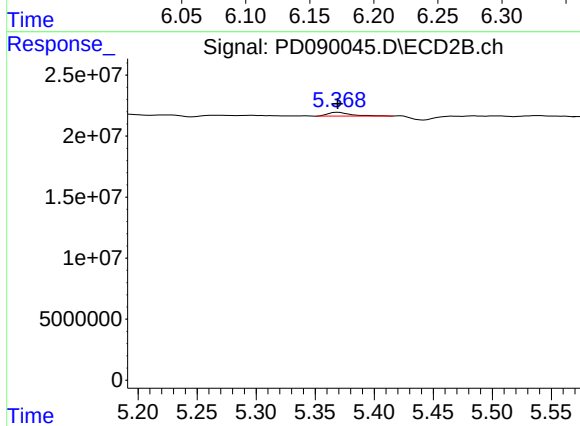
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 5389374
Conc: 0.19 ng/ml



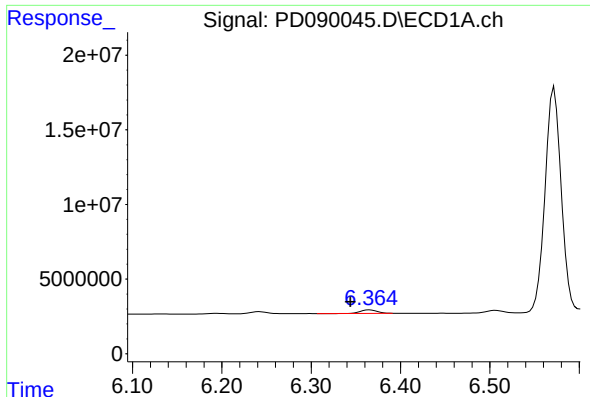
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 515747
Conc: 0.12 ng/ml



#12 4,4'-DDE

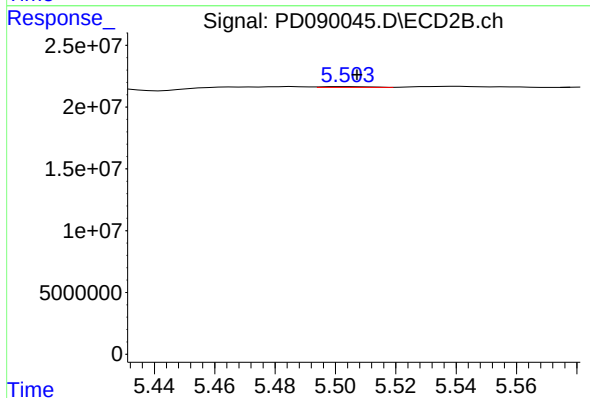
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 4143561
Conc: 0.14 ng/ml



#13 Dieldrin

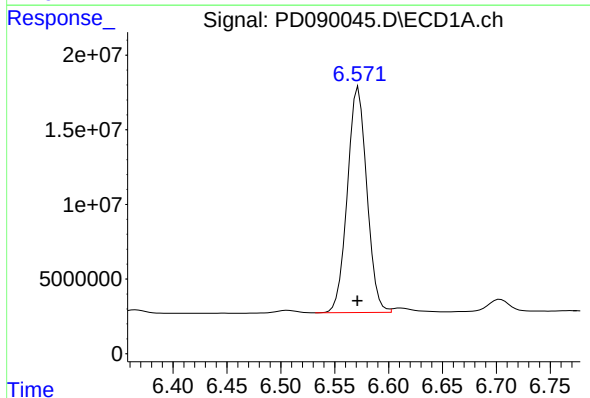
R.T.: 6.365 min
Delta R.T.: 0.022 min
Response: 3056711
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



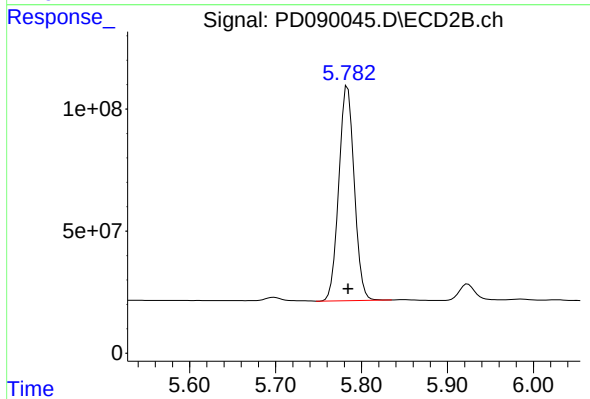
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 645558
Conc: 0.02 ng/ml



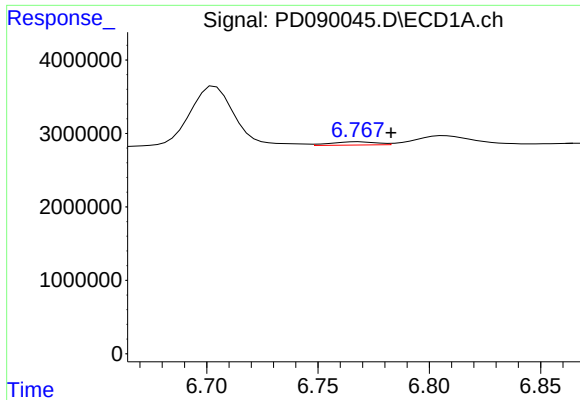
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 189973891
Conc: 45.85 ng/ml



#14 Endrin

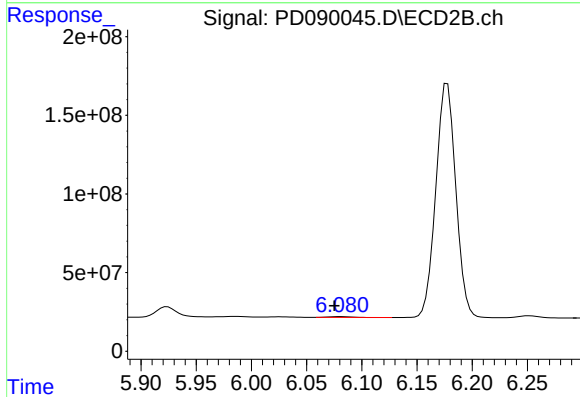
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1096070560
Conc: 41.16 ng/ml



#15 Endosulfan II

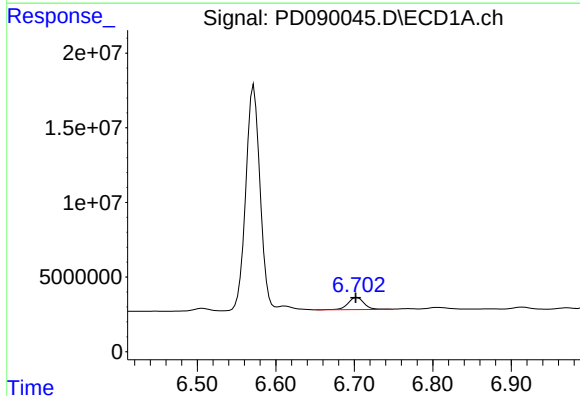
R.T.: 6.768 min
Delta R.T.: -0.015 min
Response: 634479
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



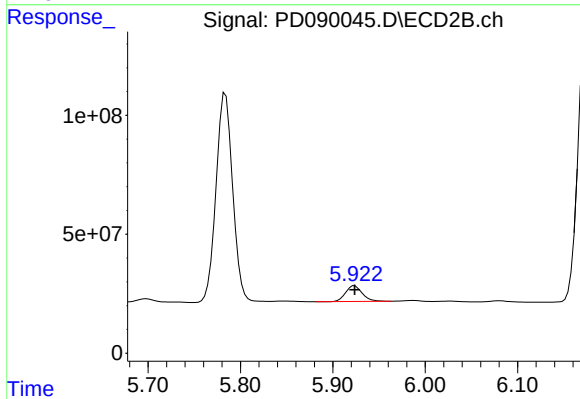
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.006 min
Response: 6440469
Conc: 0.25 ng/ml



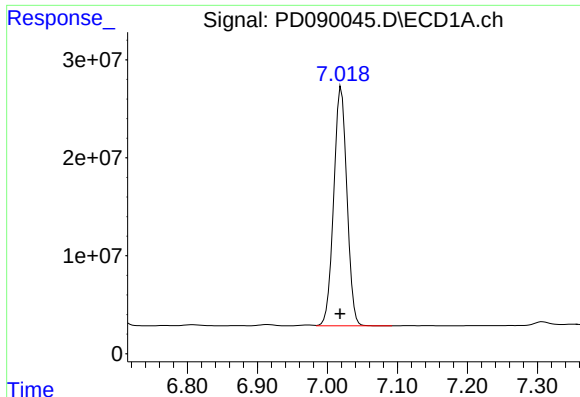
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 11850633
Conc: 3.43 ng/ml



#16 4,4'-DDD

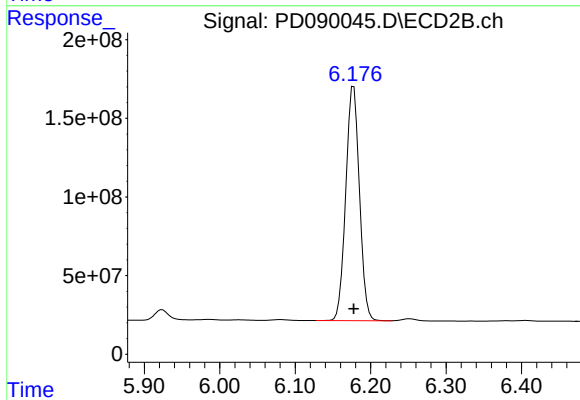
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 81757954
Conc: 3.40 ng/ml



#17 4,4'-DDT

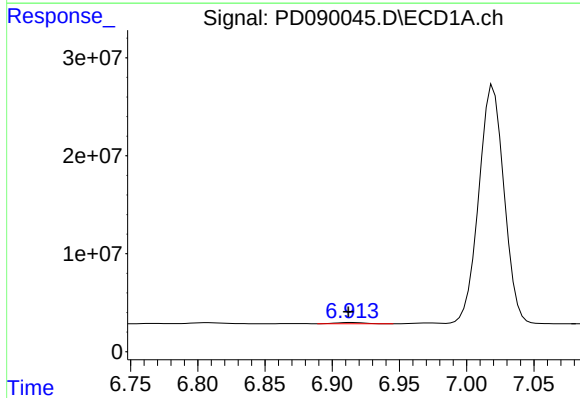
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 318921394
Conc: 83.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



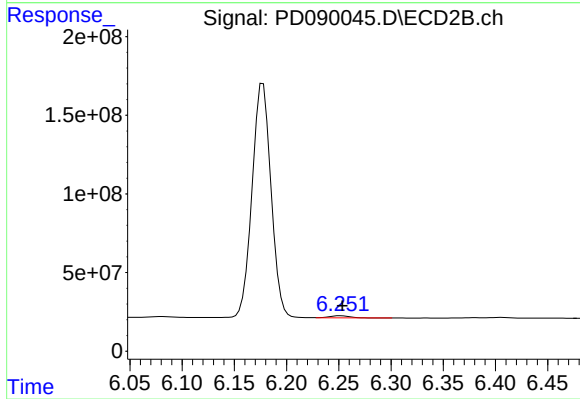
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 1880133843
Conc: 75.00 ng/ml



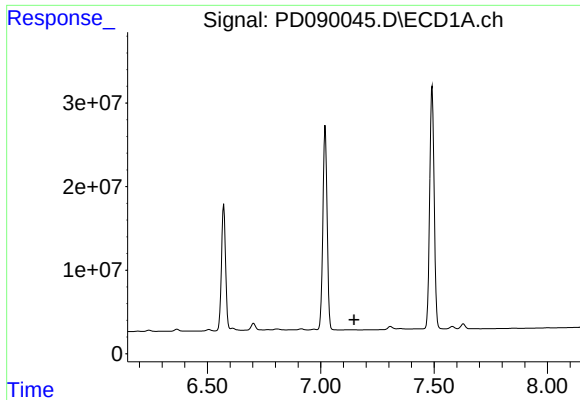
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1849315
Conc: 0.64 ng/ml



#18 Endrin aldehyde

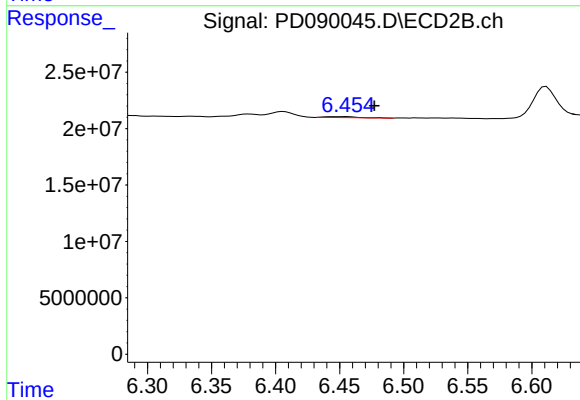
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 18367596
Conc: 1.07 ng/ml



#19 Endosulfan Sulfate

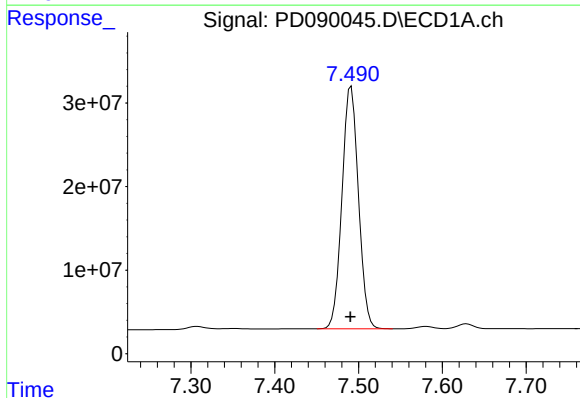
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



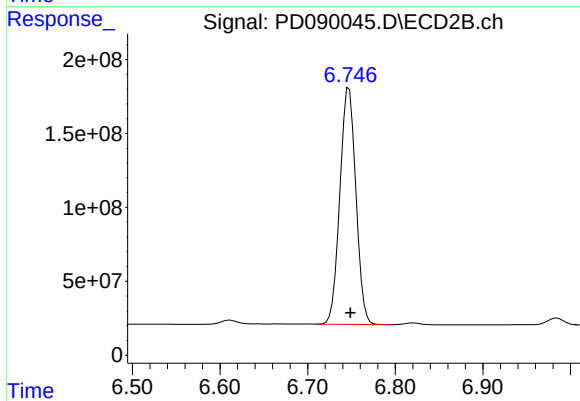
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.021 min
Response: 1501880
Conc: 0.06 ng/ml



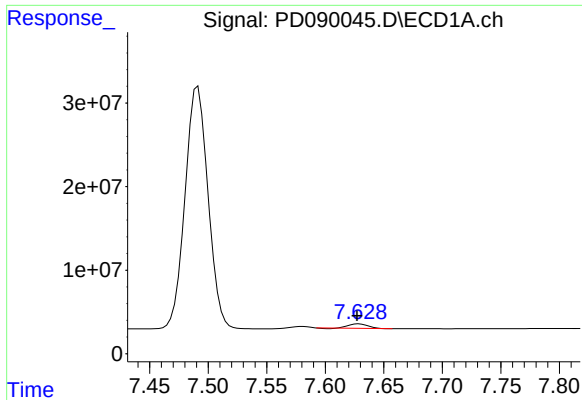
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 396373013
Conc: 197.63 ng/ml



#20 Methoxychlor

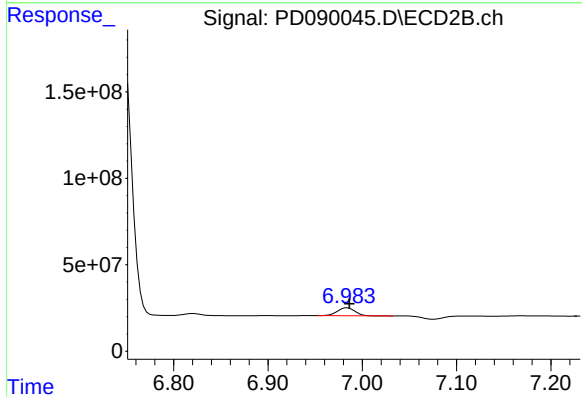
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2036278097
Conc: 157.90 ng/ml



#21 Endrin ketone

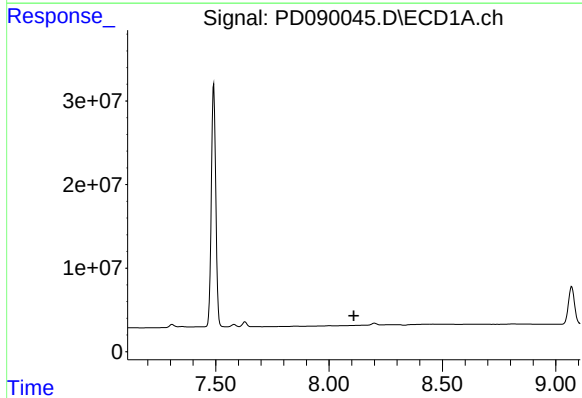
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 6138105
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



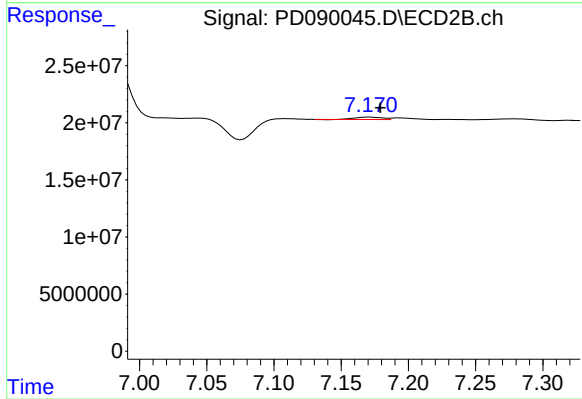
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 59552521
Conc: 2.24 ng/ml



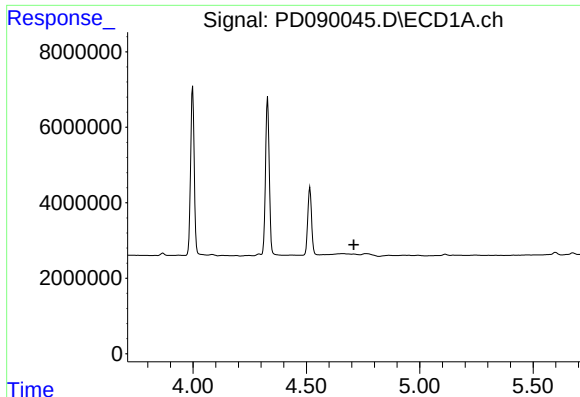
#22 Mirex

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



#22 Mirex

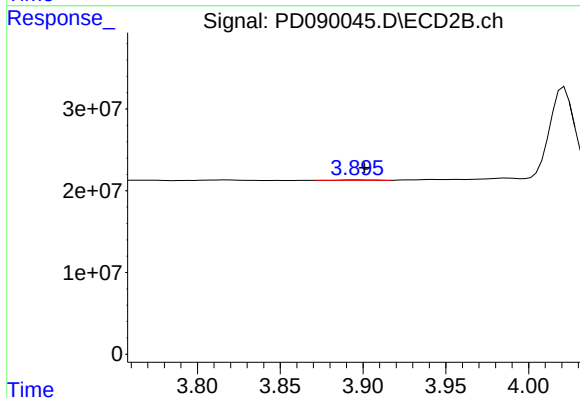
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 2754357
Conc: 0.13 ng/ml



#23 Chlordane-1

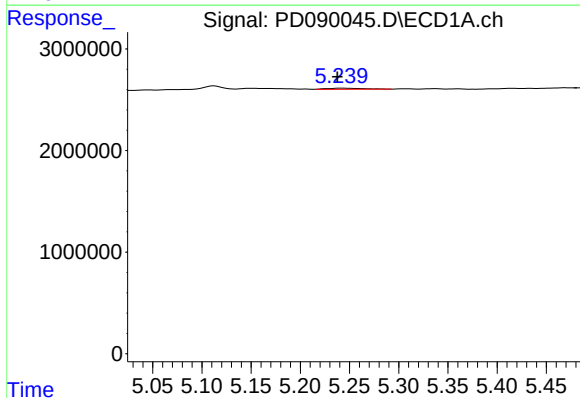
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



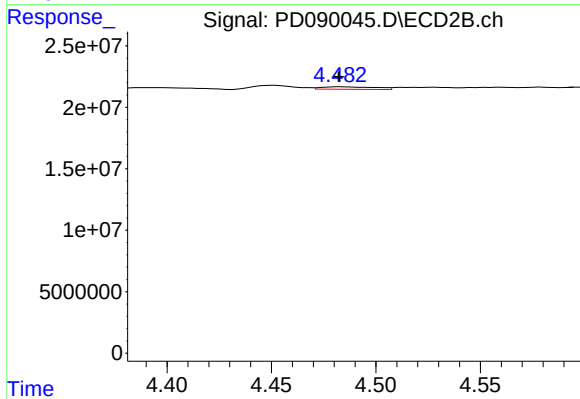
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.004 min
Response: 627427
Conc: 0.71 ng/ml



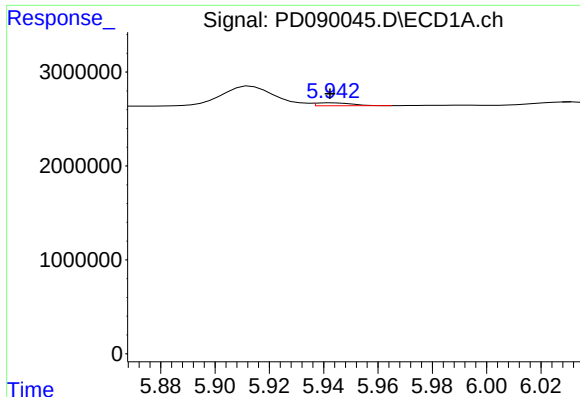
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.003 min
Response: 291366
Conc: 1.66 ng/ml



#24 Chlordane-2

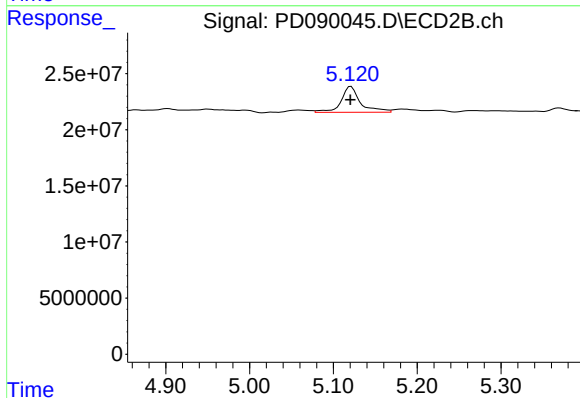
R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 3613351
Conc: 3.77 ng/ml



#25 Chlordane-3

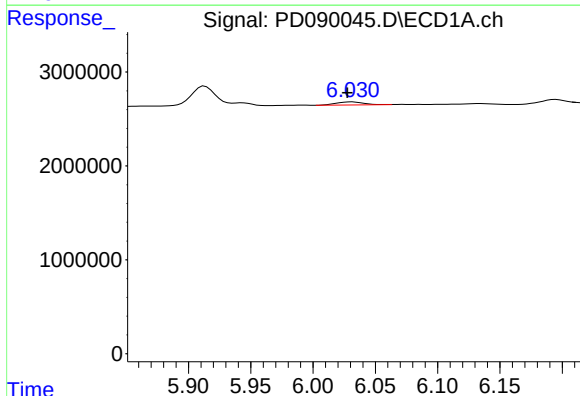
R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 296905
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



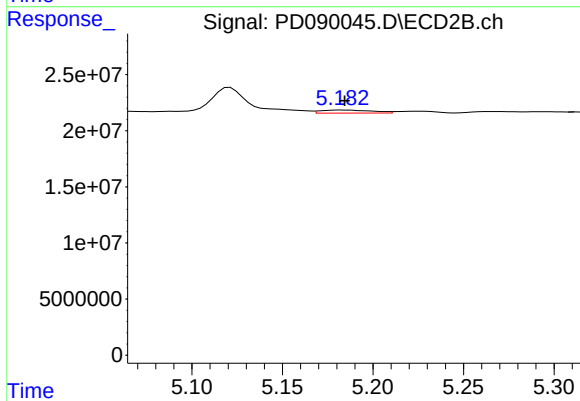
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 36803424
Conc: 13.28 ng/ml



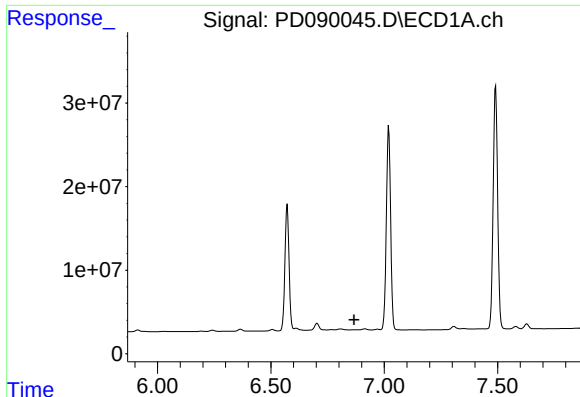
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 526838
Conc: 0.63 ng/ml



#26 Chlordane-4

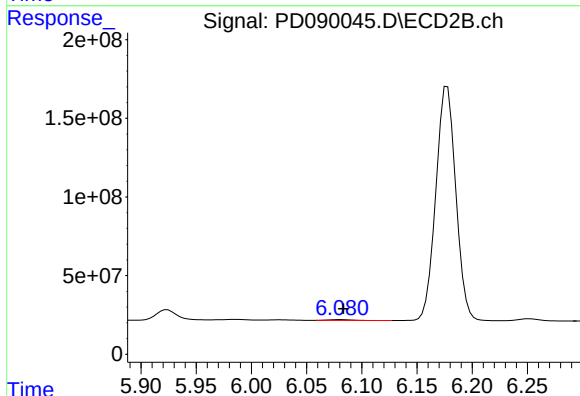
R.T.: 5.183 min
Delta R.T.: -0.001 min
Response: 5389374
Conc: 2.24 ng/ml



#27 Chlordane-5

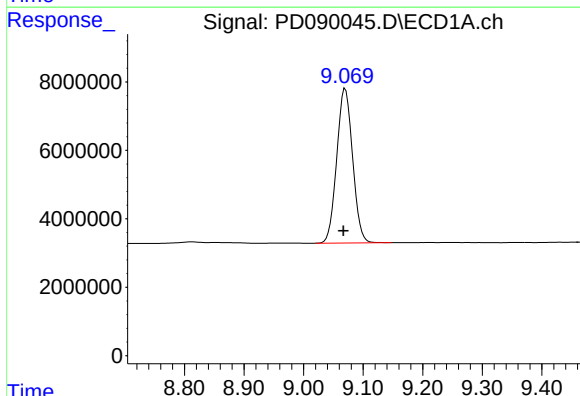
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



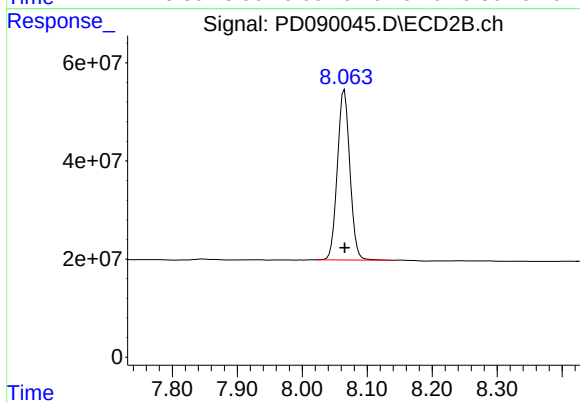
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 6440469
Conc: 5.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 83518300
Conc: 19.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 464596625
Conc: 17.95 ng/ml