

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
 Data File : PD090238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 10:06
 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: Sep 12 06:28:52 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...	3.547	2.876	58681925	474.1E6	19.995	21.498
28)	SA Decachlor...	9.068	8.063	82023925	565.7E6	19.005	21.852
Target Compounds							
2)	A alpha-BHC	3.996	3.388	53190134	396.7E6	8.862	11.687 #
3)	MA gamma-BHC...	0.000	3.724	0	362.2E6	N.D.	11.621 #
4)	MA Heptachlor	4.953f	4.076	8981329	2371247	1.601	0.076 #
5)	MB Aldrin	5.250f	4.359	396686	1202204	0.073	0.039 #
6)	B beta-BHC	4.513	4.020	22253231	154.7E6	9.921	11.602
7)	B delta-BHC	4.769	4.265	4044488	619497	0.781	0.020 #
8)	B Heptachlo...	5.679	4.871	4741611	6961432	0.966	0.251 #
9)	A Endosulfan I	0.000	5.223f	0	7234651	N.D.	0.276 #
10)	B gamma-Chl...	5.938	5.121	534000	24254260	0.109	0.819 #
11)	B alpha-Chl...	6.028	5.182	535247	24667475	0.109	0.864 #
12)	B 4,4'-DDE	6.200	5.373	525862	6383017	0.120	0.221 #
13)	MA Dieldrin	0.000	5.509	0	870288	N.D.	0.030 #
14)	MA Endrin	0.000	5.782	0	1508.4E6	N.D.	56.639 #
15)	B Endosulfa...	6.801f	6.080	3057391	2673340	0.725	0.106 #
16)	A 4,4'-DDD	6.702	5.924	5592823	14473310	1.617	0.602 #
17)	MA 4,4'-DDT	7.018	6.176	343.8E6	2715.0E6	90.249	108.299
18)	B Endrin al...	6.914	6.250	615410	13309102	0.215	0.773 #
19)	B Endosulfa...	0.000	6.453f	0	1292104	N.D.	0.053 #
20)	A Methoxychlor	7.490	6.746	448.3E6	2815.0E6	223.506	218.292
21)	B Endrin ke...	7.626	6.982	2333356	11569312	0.563	0.434
22)	Mirex	0.000	7.170	0	7634721	N.D.	0.370 #
23)	Chlordane-1	0.000	3.895	0	982341	N.D.	1.105 #
24)	Chlordane-2	5.250	4.479	396686	13671802	2.254	14.272 #
25)	Chlordane-3	5.938	5.121	534000	24254260	0.787	8.753 #
26)	Chlordane-4	6.028	5.182	535247	24667475	0.645	10.249 #
27)	Chlordane-5	6.868	6.080	912704	2673340	6.512	2.430 #

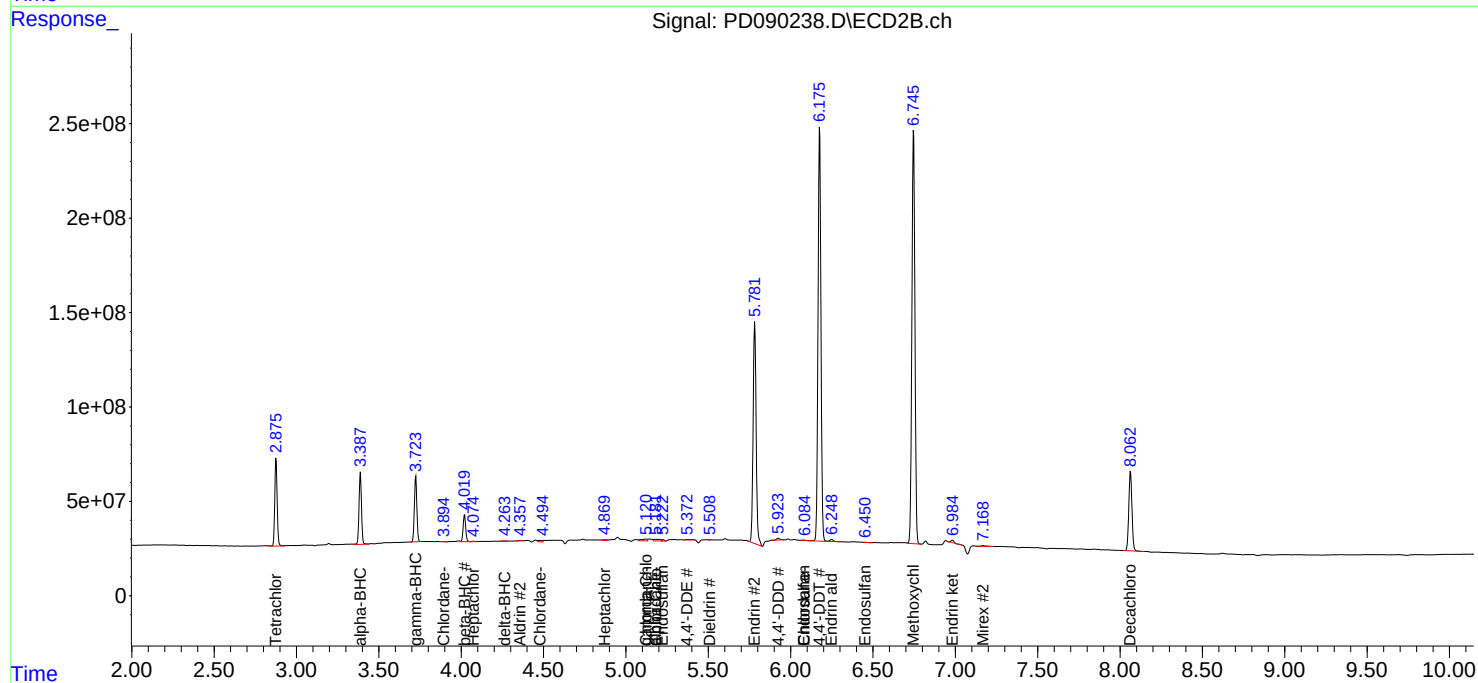
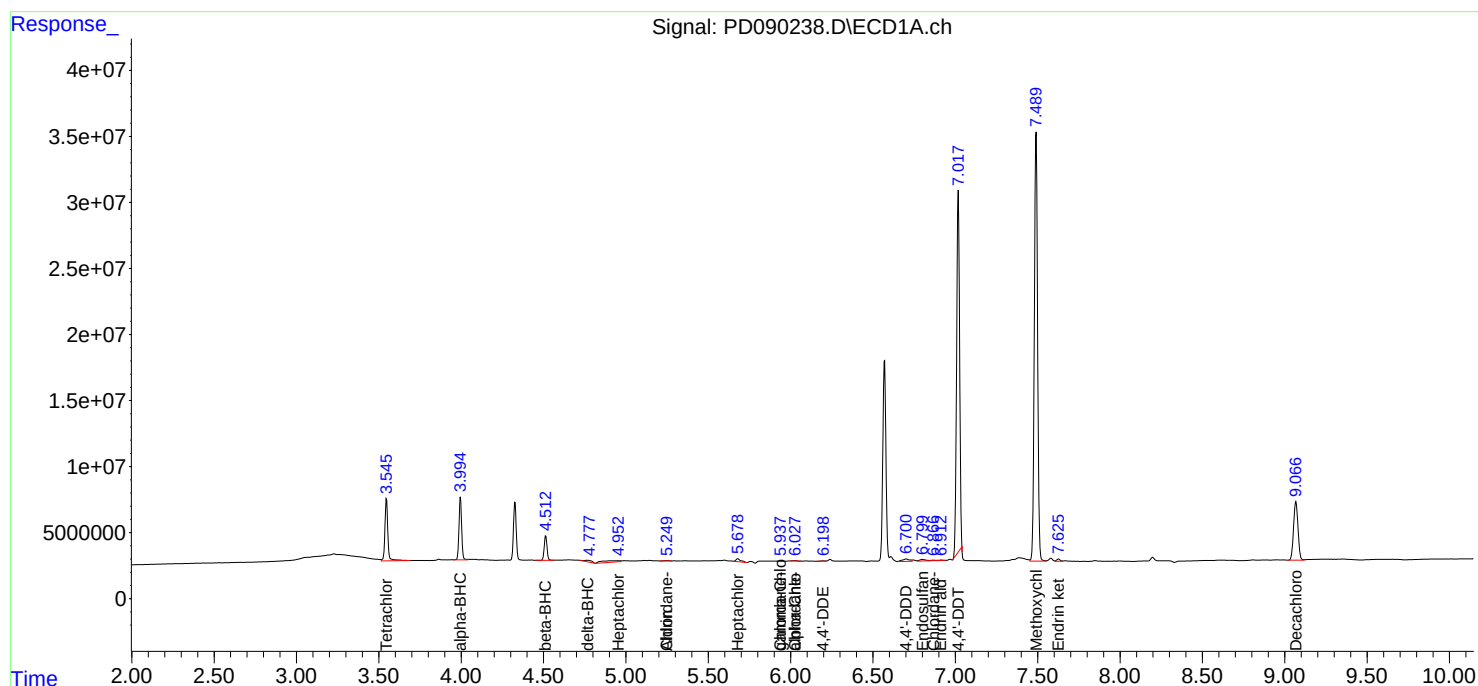
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

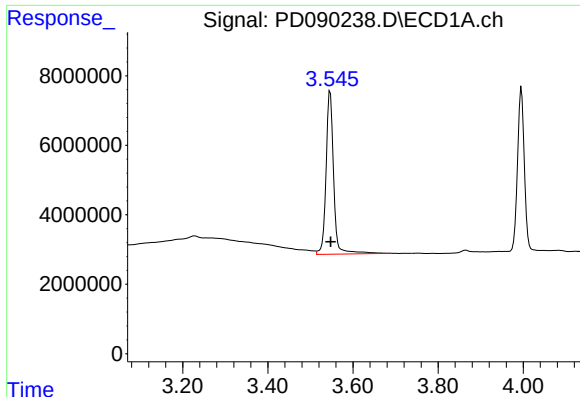
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:28:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

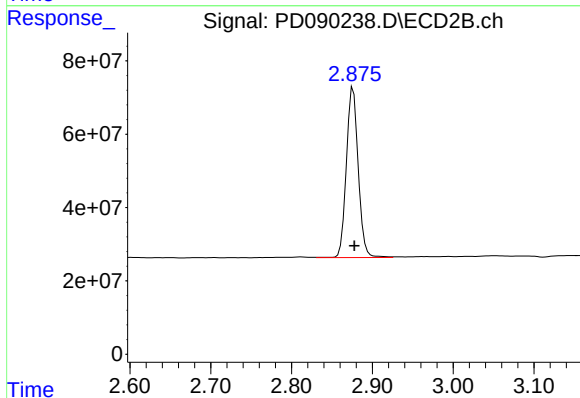




#1 Tetrachloro-m-xylene

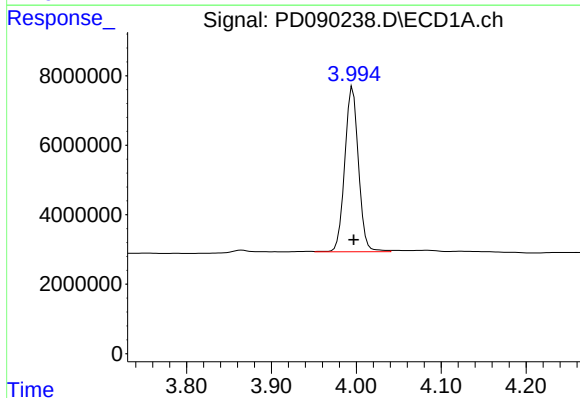
R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 58681925
Conc: 19.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



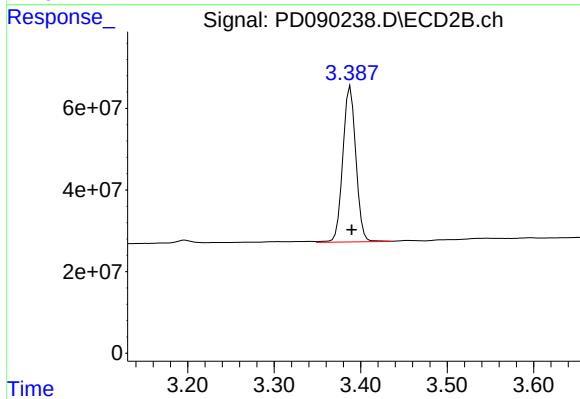
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.002 min
Response: 474052383
Conc: 21.50 ng/ml



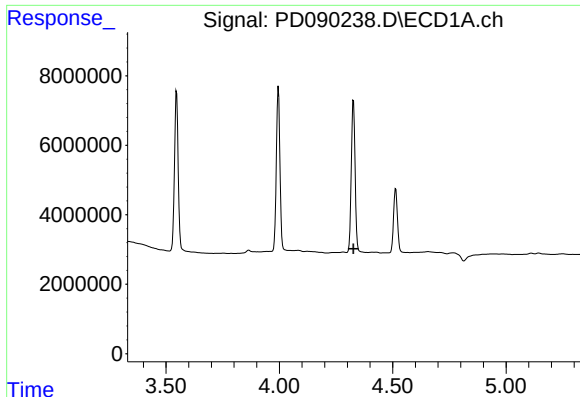
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 53190134
Conc: 8.86 ng/ml



#2 alpha-BHC

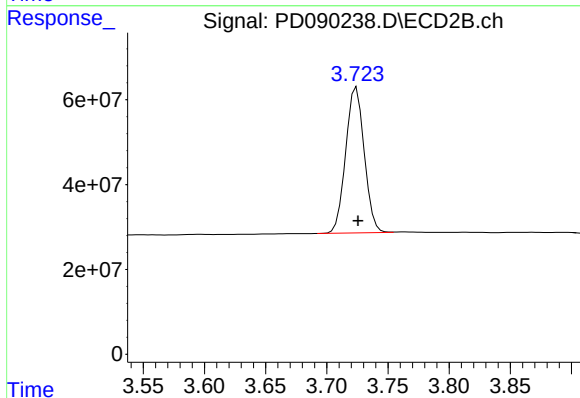
R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 396651931
Conc: 11.69 ng/ml



#3 gamma-BHC (Lindane)

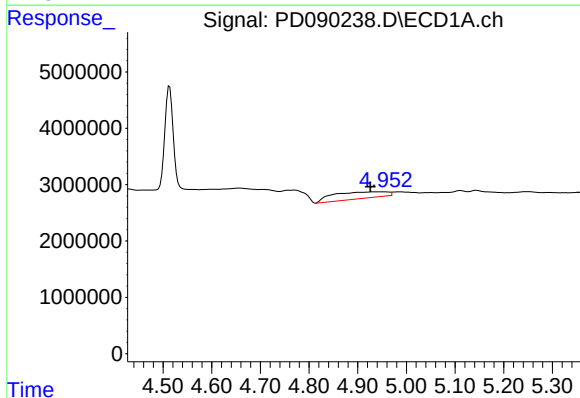
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



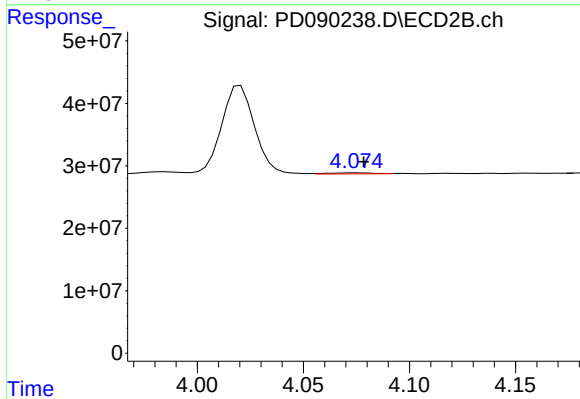
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 362226433
Conc: 11.62 ng/ml



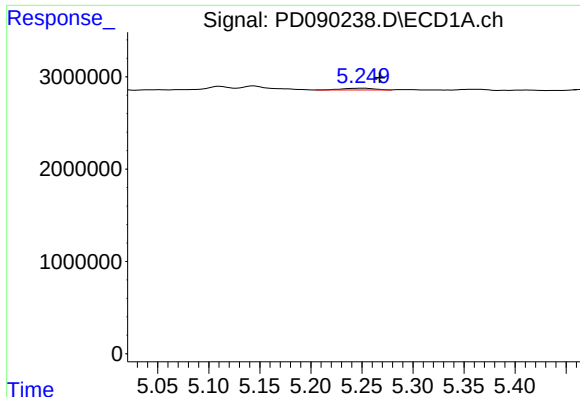
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.027 min
Response: 8981329
Conc: 1.60 ng/ml



#4 Heptachlor

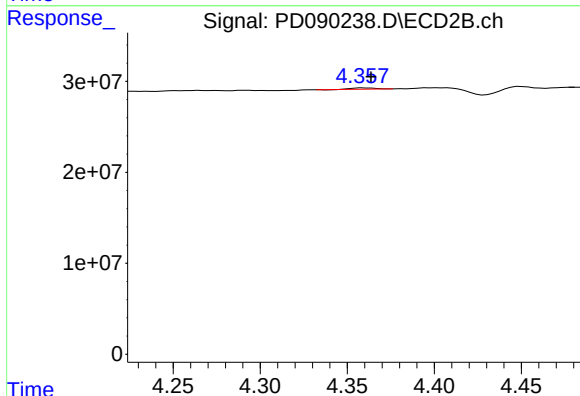
R.T.: 4.076 min
Delta R.T.: -0.003 min
Response: 2371247
Conc: 0.08 ng/ml



#5 Aldrin

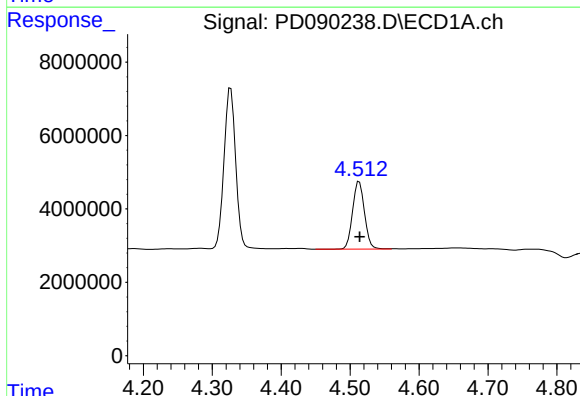
R.T.: 5.250 min
Delta R.T.: -0.017 min
Response: 396686
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



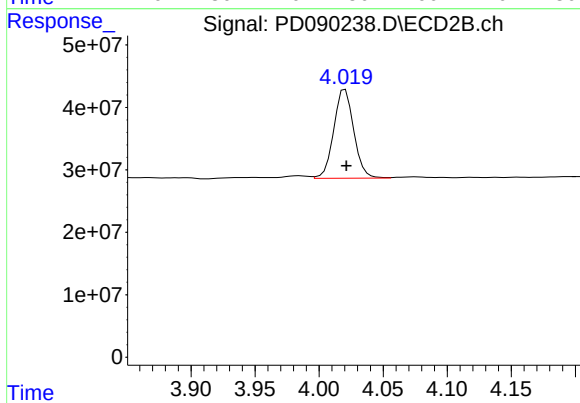
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.004 min
Response: 1202204
Conc: 0.04 ng/ml



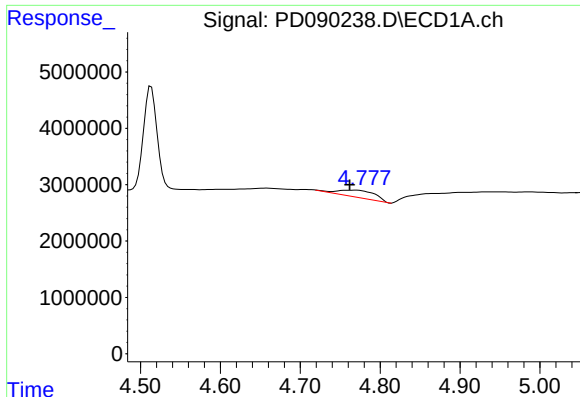
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 22253231
Conc: 9.92 ng/ml



#6 beta-BHC

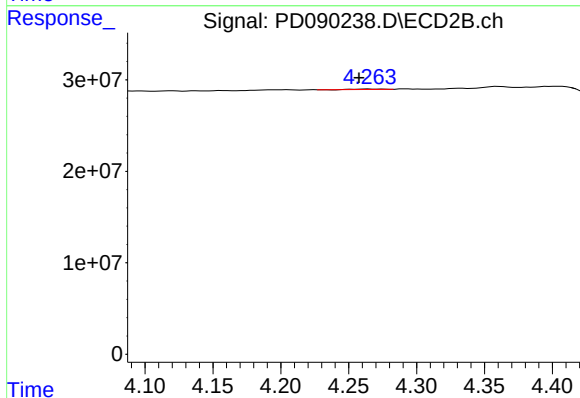
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 154653962
Conc: 11.60 ng/ml



#7 delta-BHC

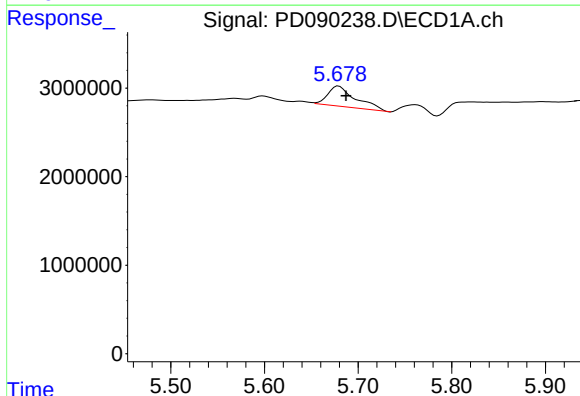
R.T.: 4.769 min
Delta R.T.: 0.007 min
Response: 4044488
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



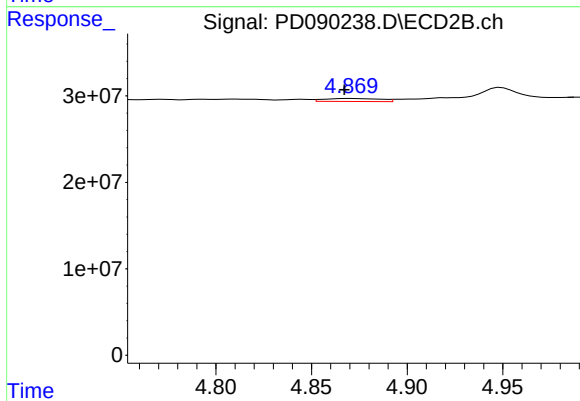
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.007 min
Response: 619497
Conc: 0.02 ng/ml



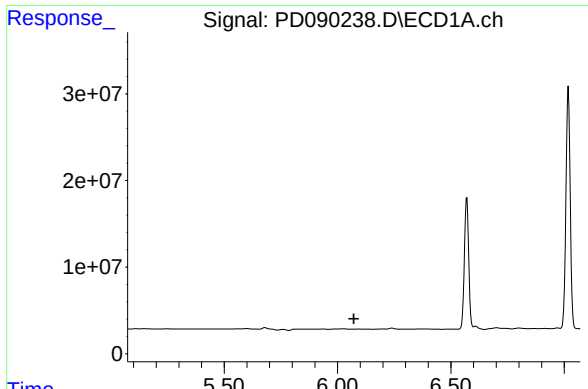
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.008 min
Response: 4741611
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

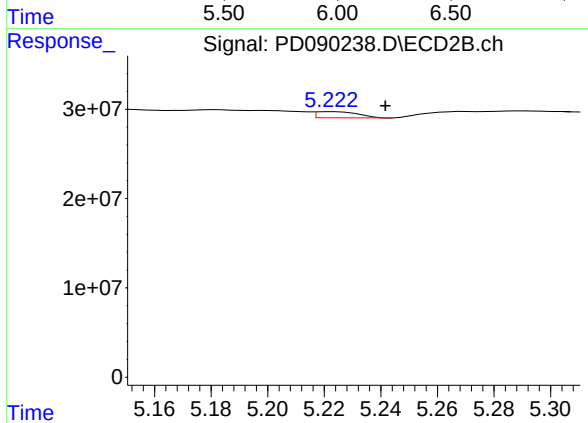
R.T.: 4.871 min
Delta R.T.: 0.003 min
Response: 6961432
Conc: 0.25 ng/ml



#9 Endosulfan I

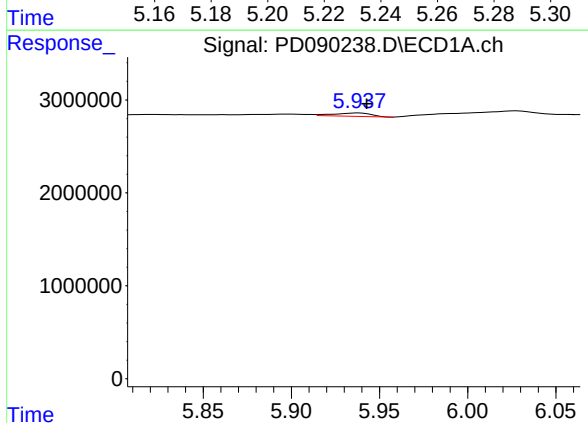
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



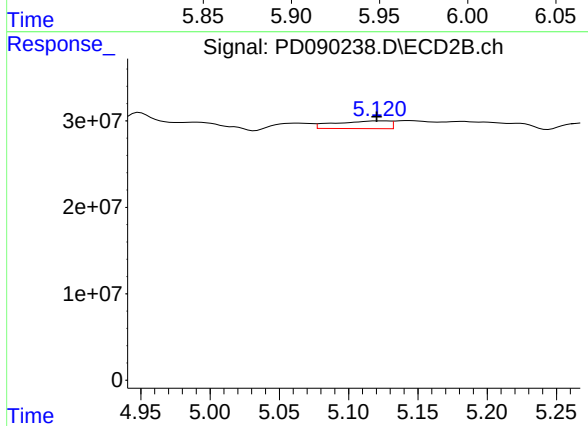
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: -0.019 min
Response: 7234651
Conc: 0.28 ng/ml



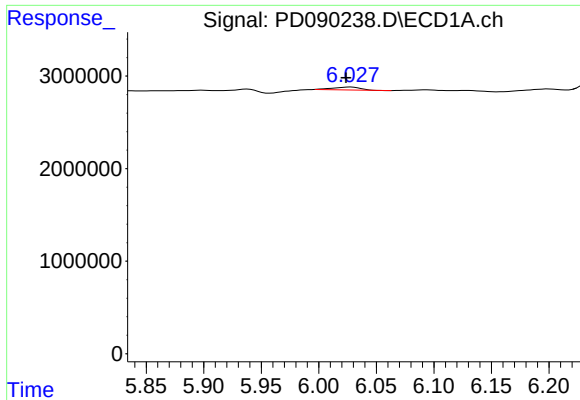
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 534000
Conc: 0.11 ng/ml



#10 gamma-Chlordane

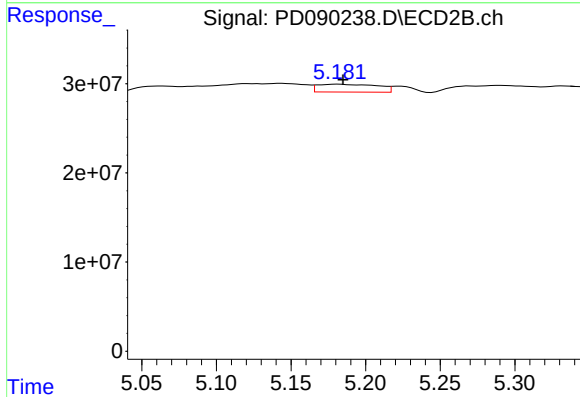
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 24254260
Conc: 0.82 ng/ml



#11 alpha-Chlordane

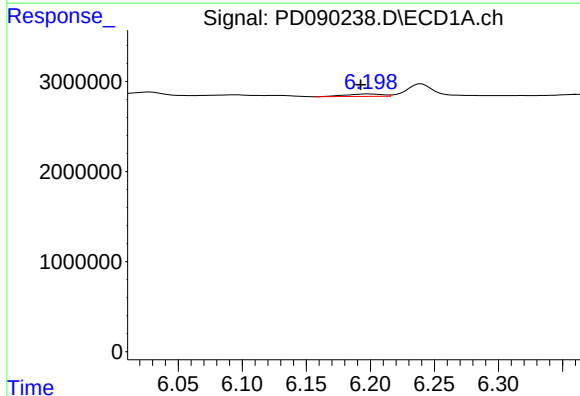
R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 535247
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



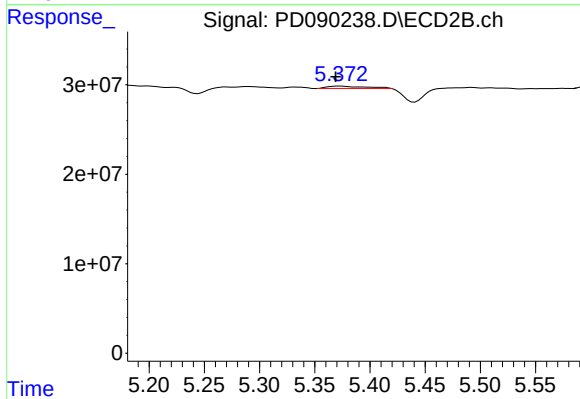
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 24667475
Conc: 0.86 ng/ml



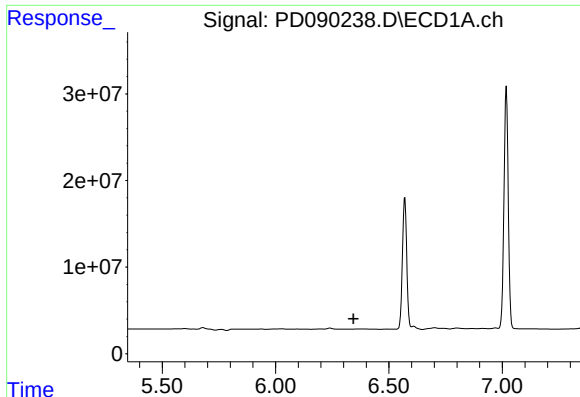
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 525862
Conc: 0.12 ng/ml



#12 4,4'-DDE

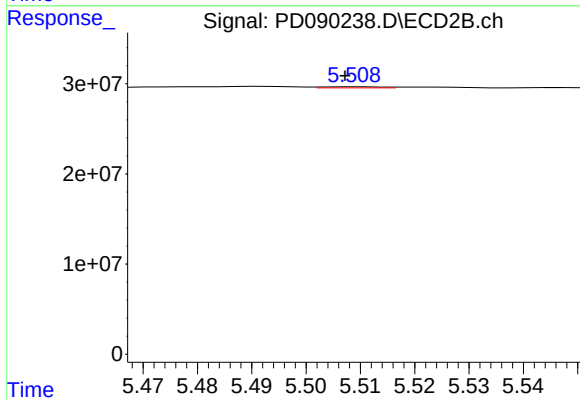
R.T.: 5.373 min
Delta R.T.: 0.004 min
Response: 6383017
Conc: 0.22 ng/ml



#13 Dieldrin

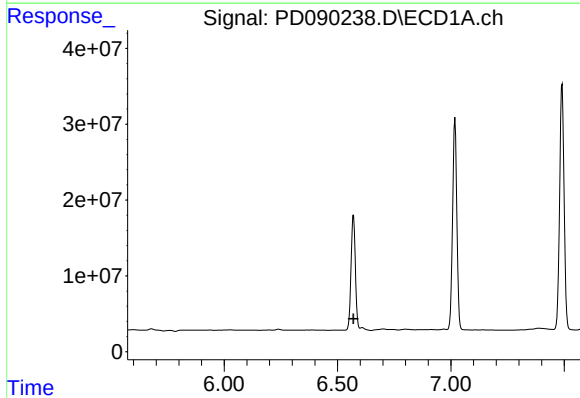
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



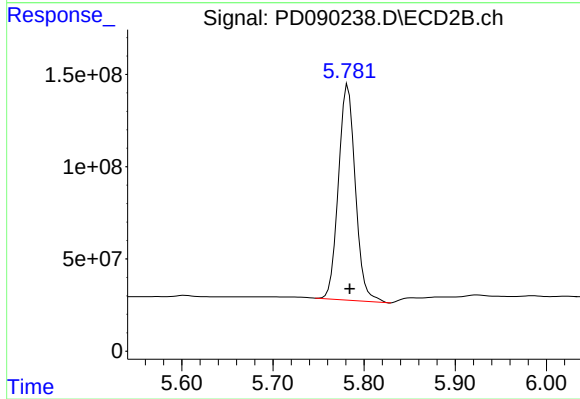
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.002 min
Response: 870288
Conc: 0.03 ng/ml



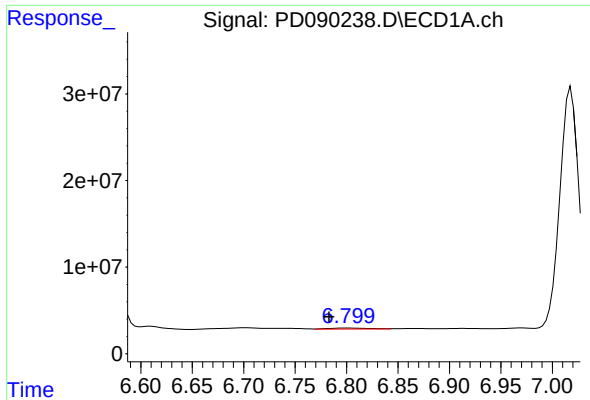
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

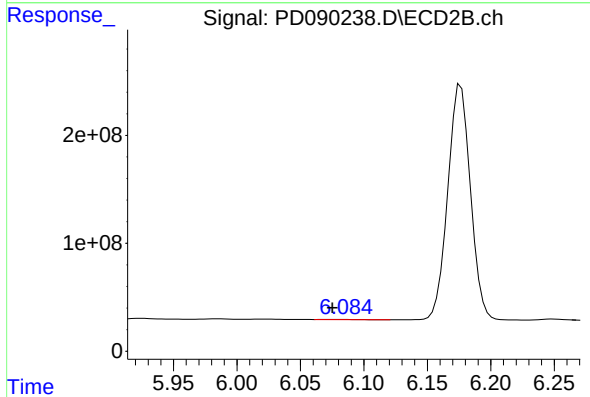
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1508420835
Conc: 56.64 ng/ml



#15 Endosulfan II

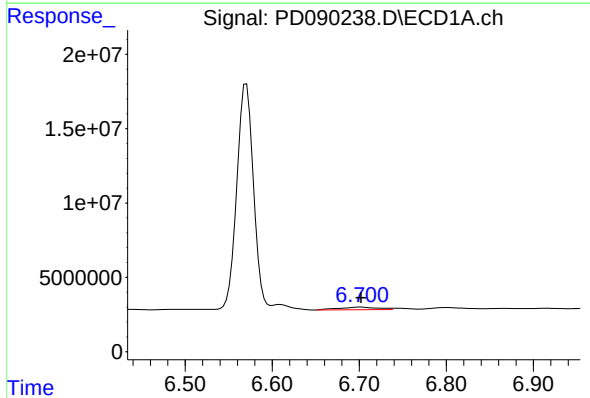
R.T.: 6.801 min
Delta R.T.: 0.018 min
Response: 3057391
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



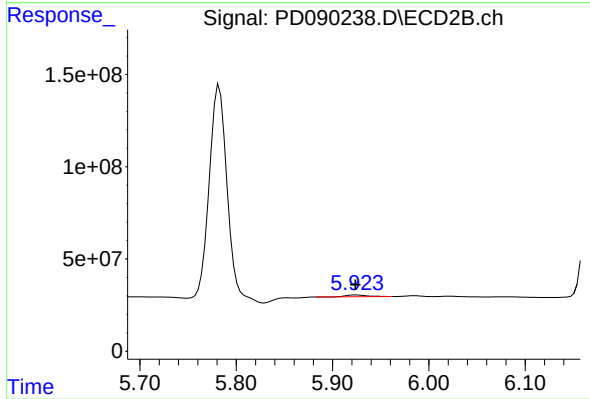
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 2673340
Conc: 0.11 ng/ml



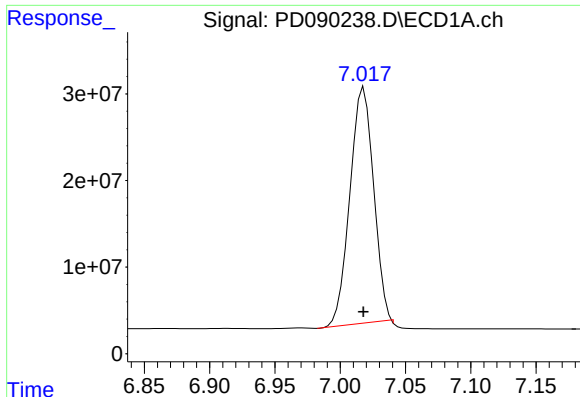
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 5592823
Conc: 1.62 ng/ml



#16 4,4'-DDD

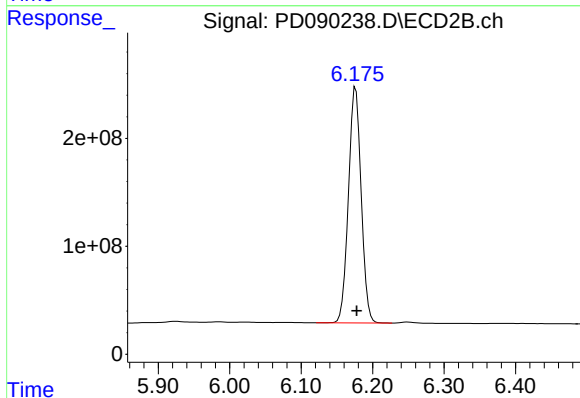
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 14473310
Conc: 0.60 ng/ml



#17 4,4'-DDT

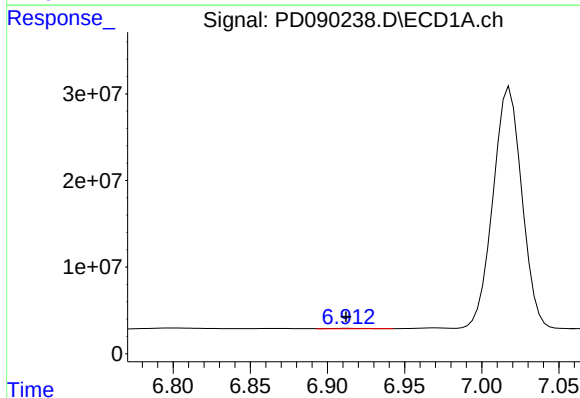
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 343825891
Conc: 90.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



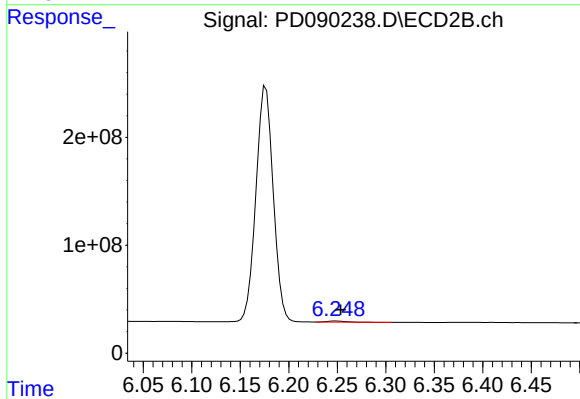
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 2715034315
Conc: 108.30 ng/ml



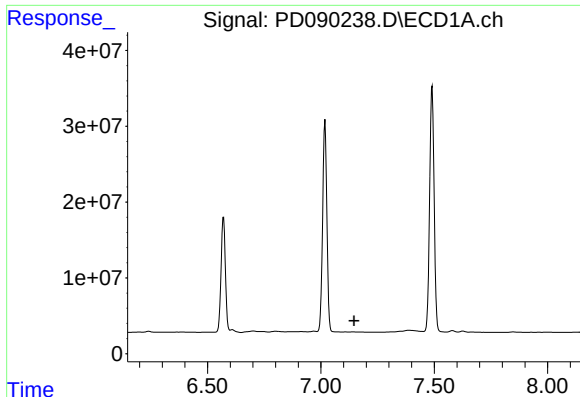
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 615410
Conc: 0.21 ng/ml



#18 Endrin aldehyde

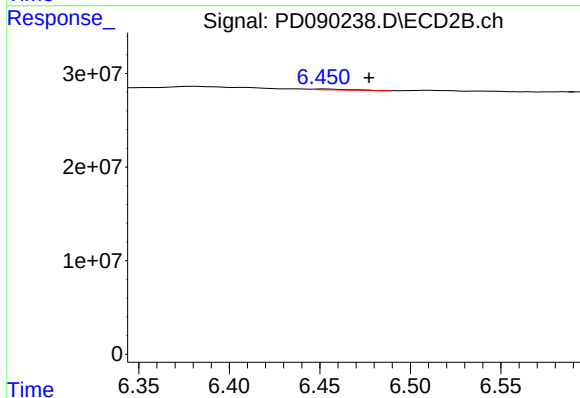
R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 13309102
Conc: 0.77 ng/ml



#19 Endosulfan Sulfate

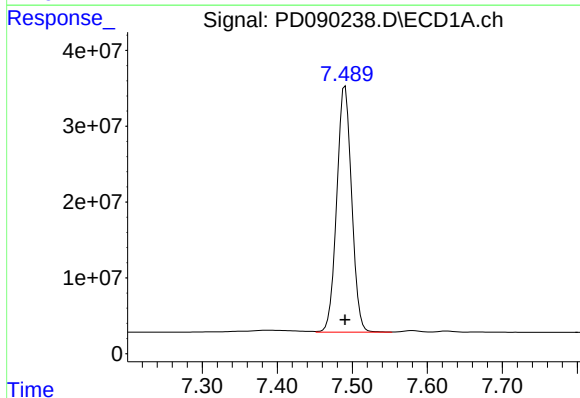
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



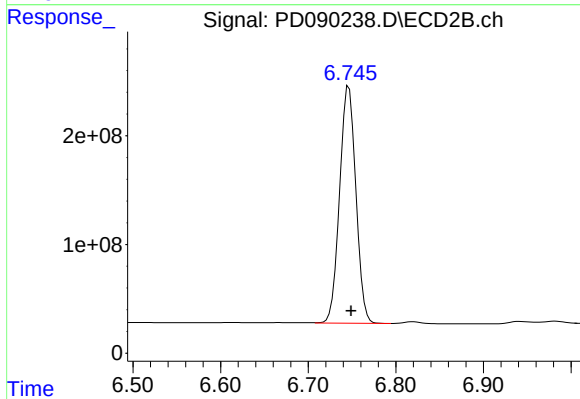
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: -0.024 min
Response: 1292104
Conc: 0.05 ng/ml



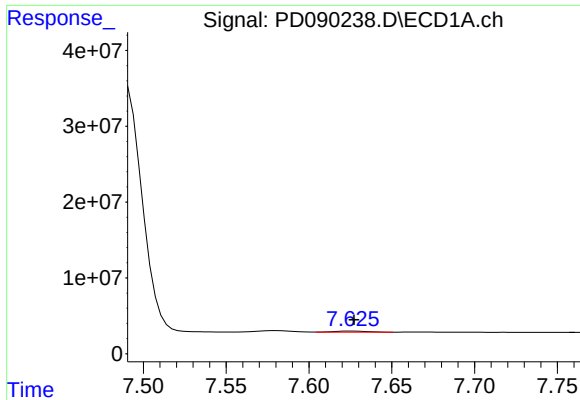
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 448266957
Conc: 223.51 ng/ml



#20 Methoxychlor

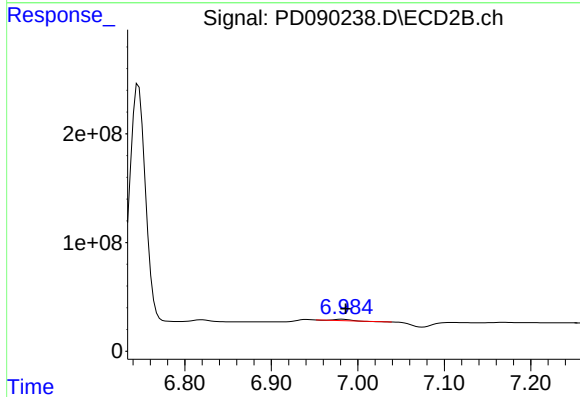
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 2815042947
Conc: 218.29 ng/ml



#21 Endrin ketone

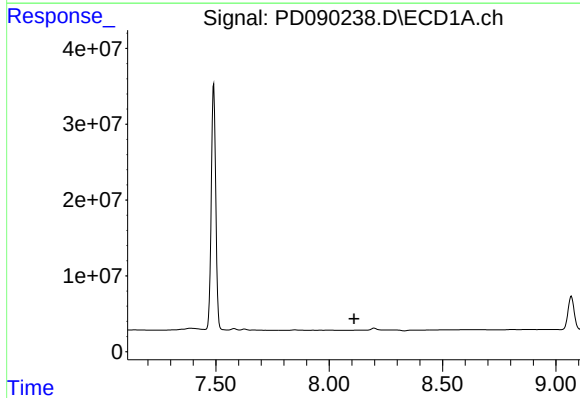
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 2333356
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



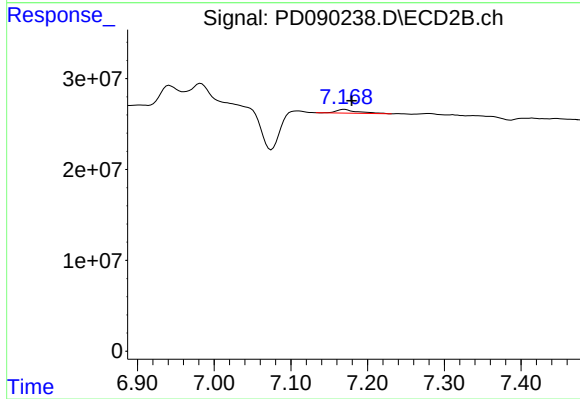
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.004 min
Response: 11569312
Conc: 0.43 ng/ml



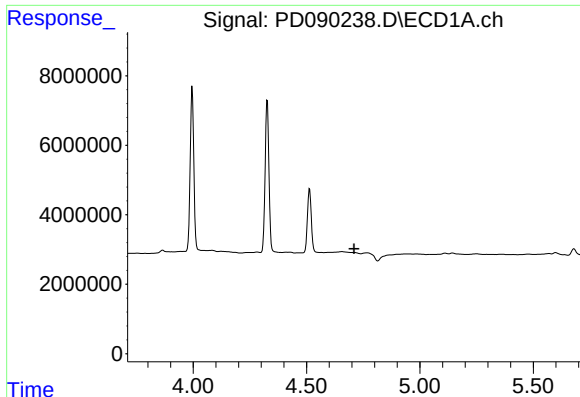
#22 Mirex

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



#22 Mirex

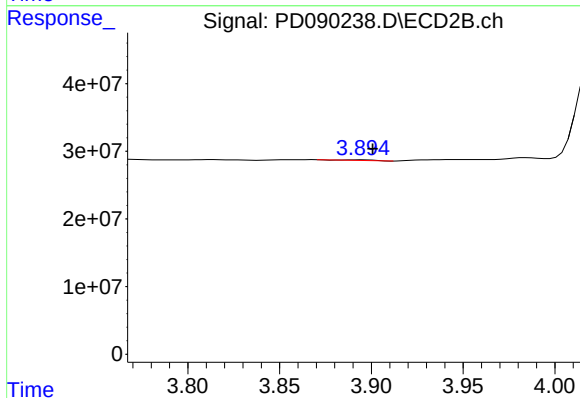
R.T.: 7.170 min
Delta R.T.: -0.010 min
Response: 7634721
Conc: 0.37 ng/ml



#23 Chlordane-1

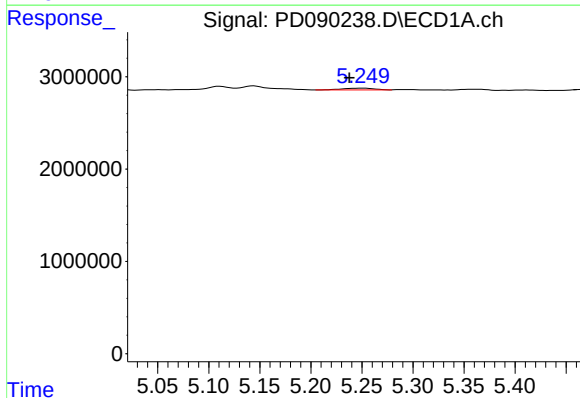
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



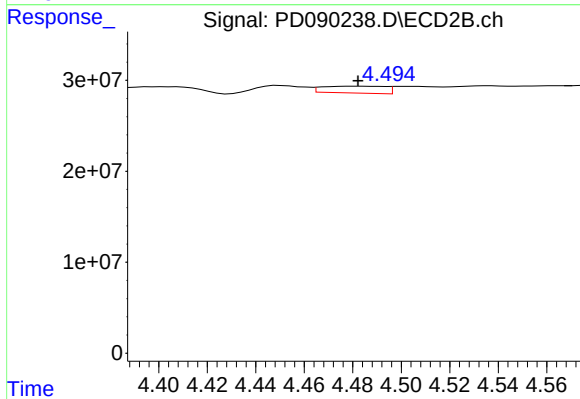
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.005 min
Response: 982341
Conc: 1.11 ng/ml



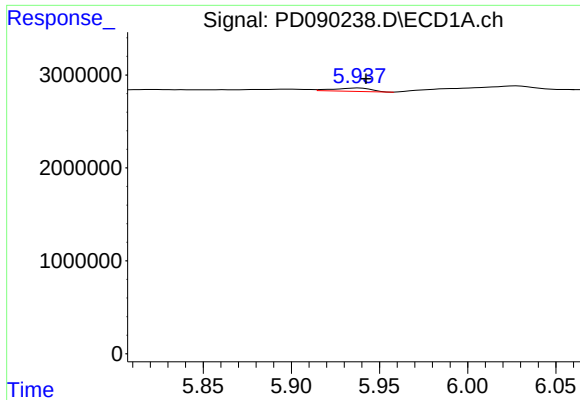
#24 Chlordane-2

R.T.: 5.250 min
Delta R.T.: 0.012 min
Response: 396686
Conc: 2.25 ng/ml



#24 Chlordane-2

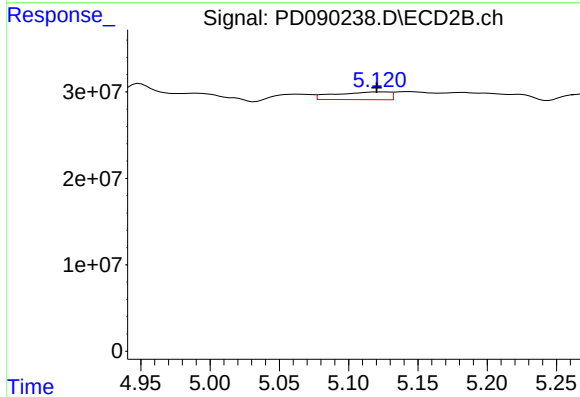
R.T.: 4.479 min
Delta R.T.: -0.003 min
Response: 13671802
Conc: 14.27 ng/ml



#25 Chlordane-3

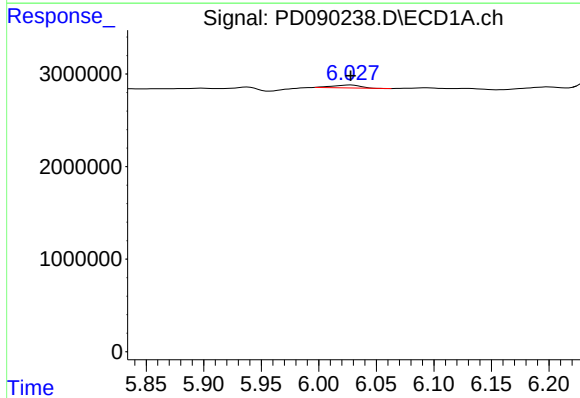
R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 534000
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



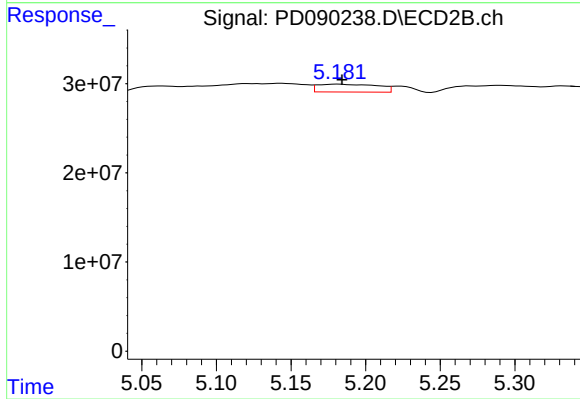
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 24254260
Conc: 8.75 ng/ml



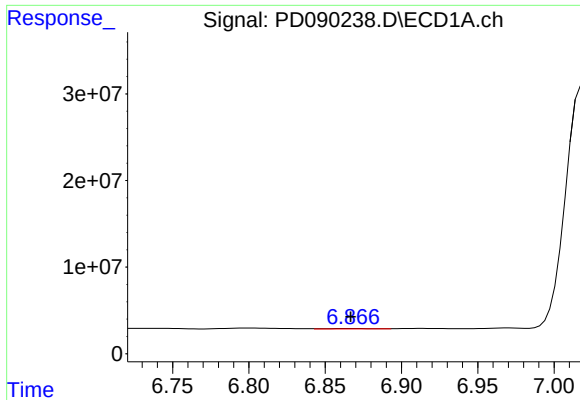
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 535247
Conc: 0.64 ng/ml



#26 Chlordane-4

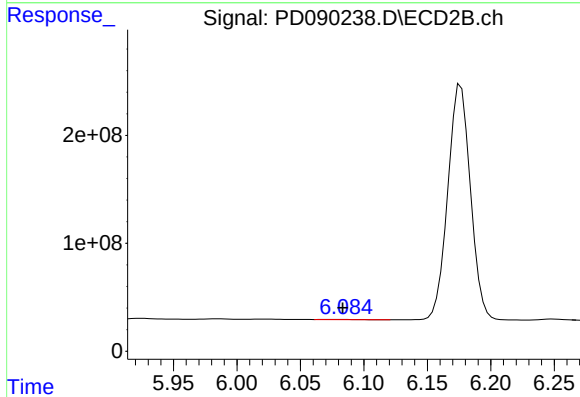
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 24667475
Conc: 10.25 ng/ml



#27 Chlordane-5

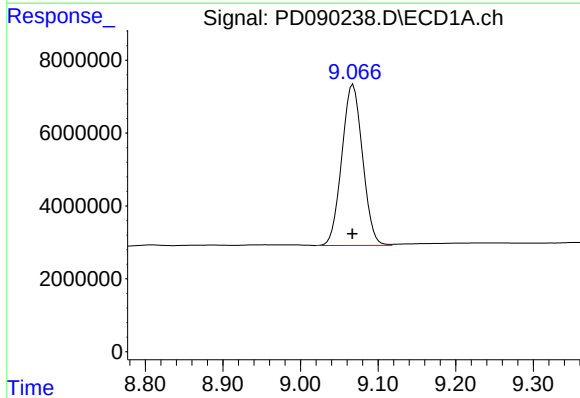
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 912704
Conc: 6.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



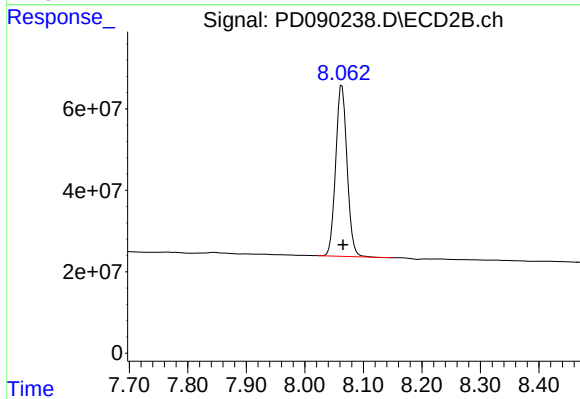
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 2673340
Conc: 2.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 82023925
Conc: 19.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 565668785
Conc: 21.85 ng/ml