

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082925\
 Data File : PD090080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 10:01
 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: Aug 29 23:18:22 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	54156247	414.6E6	18.453	18.803
28)	SA Decachlor...	9.070	8.066	89581196	516.0E6	20.756	19.935
Target Compounds							
2)	A alpha-BHC	3.998	3.389	52530338	347.1E6	8.752	10.227
3)	MA gamma-BHC...	4.329	3.725	51957883	317.7E6	9.073	10.193
4)	MA Heptachlor	0.000	4.075	0	1786197	N.D.	0.057 #
5)	MB Aldrin	0.000	4.359	0	1469350	N.D.	0.048 #
6)	B beta-BHC	4.516	4.021	21975954	138.8E6	9.797	10.413
7)	B delta-BHC	4.761	4.251	1140063	504986	0.220	0.016 #
8)	B Heptachlo...	5.677	4.870	348404	3608277	0.071	0.130 #
9)	A Endosulfan I	0.000	5.221f	0	2714344	N.D.	0.104 #
10)	B gamma-Chl...	5.943	5.120	414636	29686175	0.085	1.003 #
11)	B alpha-Chl...	6.031	5.182	671520	7760890	0.136	0.272 #
12)	B 4,4'-DDE	6.195	5.370	433598	3797387	0.099	0.132 #
13)	MA Dieldrin	6.366f	5.503	1646901	433285	0.336	0.015 #
14)	MA Endrin	6.572	5.783	199.6E6	1215.5E6	48.180	45.641
15)	B Endosulfa...	6.769	6.080	743944	5429119	0.176	0.215
16)	A 4,4'-DDD	6.704	5.924	12854299	94018331	3.716	3.910
17)	MA 4,4'-DDT	7.020	6.177	349.5E6	2150.1E6	91.738	85.765
18)	B Endrin al...	6.914	6.252	1905218	19109149	0.664	1.110 #
19)	B Endosulfa...	0.000	6.490	0	168365	N.D.	0.007 #
20)	A Methoxychlor	7.492	6.748	432.5E6	2322.7E6	215.656	180.112
21)	B Endrin ke...	7.629	6.985	6206141	62784149	1.497	2.356 #
22)	Mirex	8.121	7.171	7203	2602482	0.002	0.126 #
23)	Chlordane-1	0.000	3.895	0	931766	N.D.	1.048 #
24)	Chlordane-2	0.000	4.482	0	2641713	N.D.	2.758 #
25)	Chlordane-3	5.943	5.120	414636	29686175	0.611	10.713 #
26)	Chlordane-4	6.031	5.182	671520	7760890	0.809	3.224 #
27)	Chlordane-5	0.000	6.080	0	5429119	N.D.	4.936 #

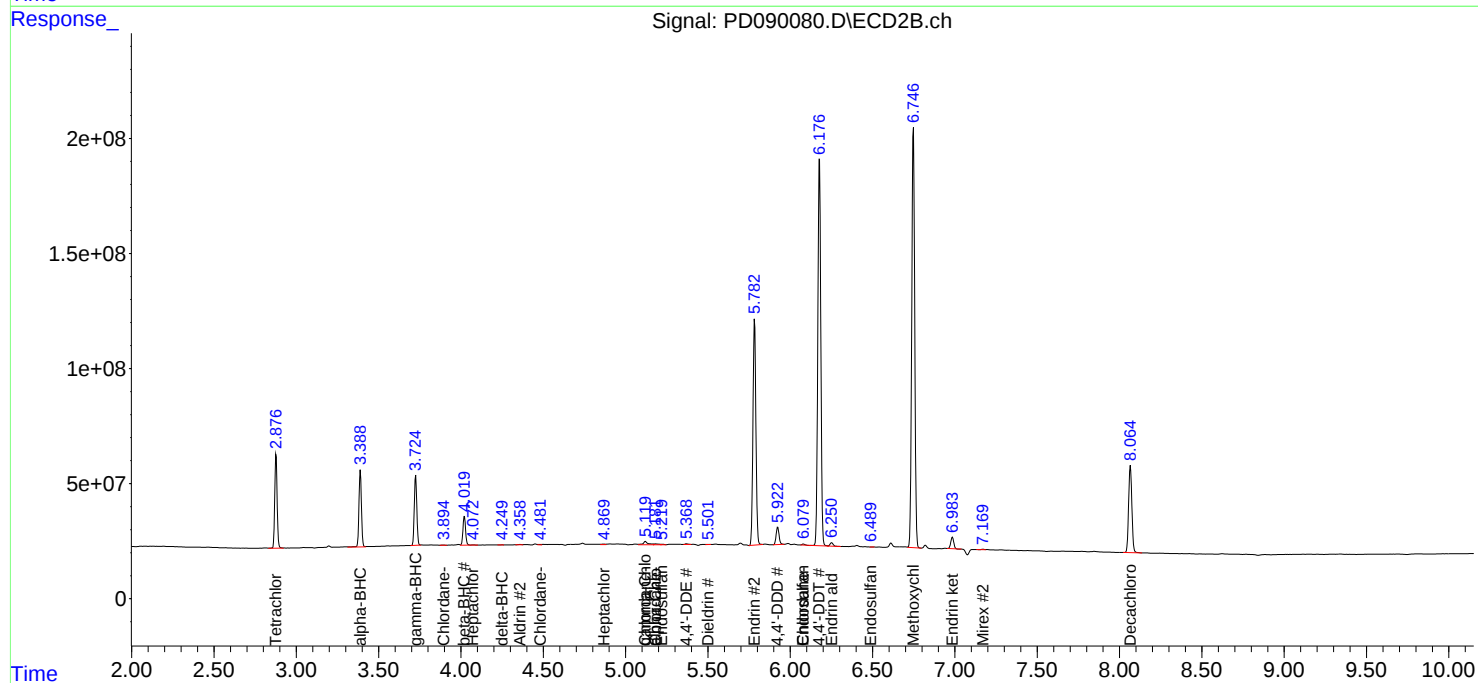
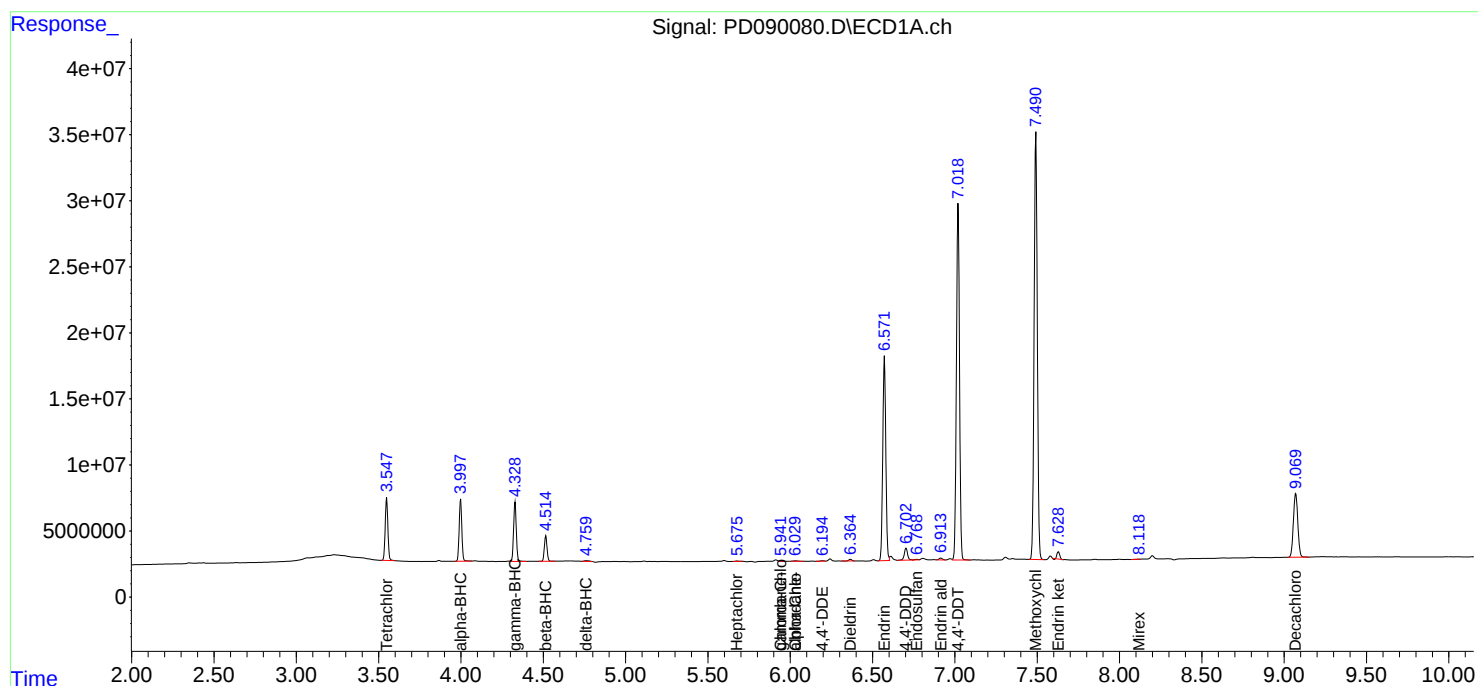
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

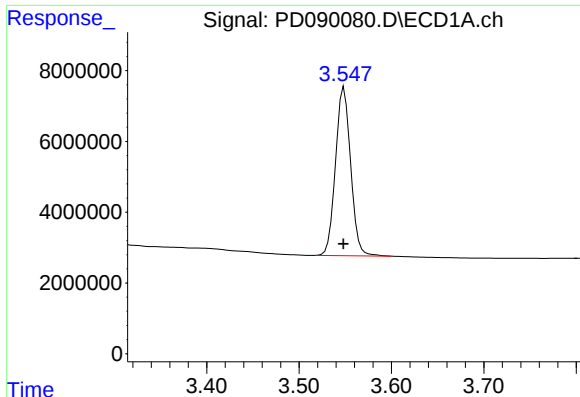
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082925\
Data File : PD090080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Aug 2025 10:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 23:18:22 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

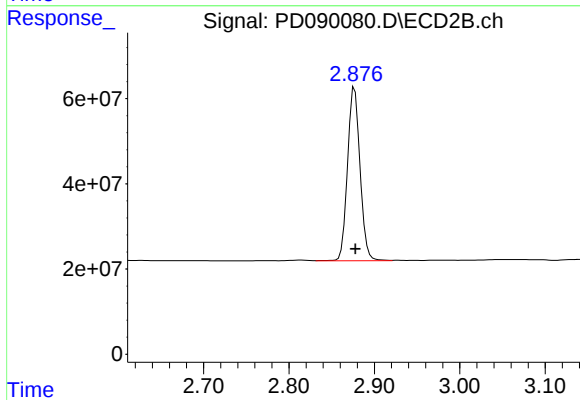




#1 Tetrachloro-m-xylene

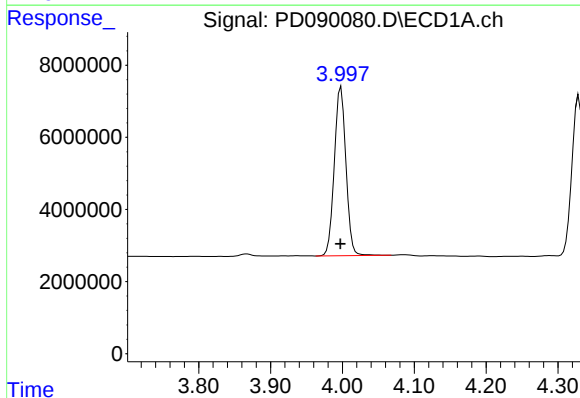
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 54156247
Conc: 18.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



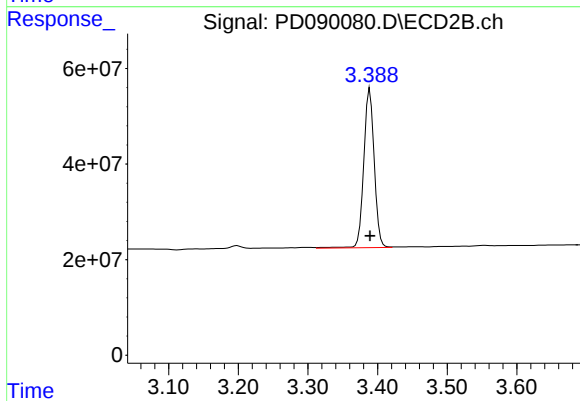
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 414618056
Conc: 18.80 ng/ml



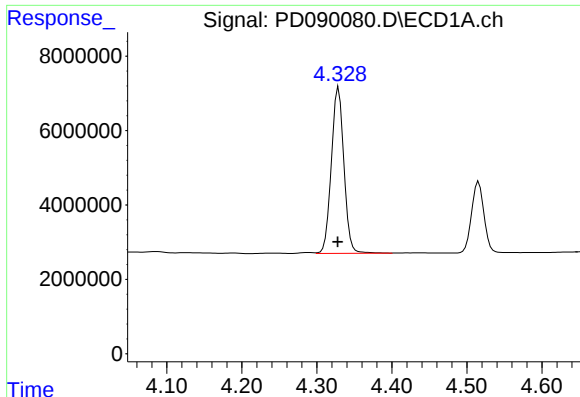
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 52530338
Conc: 8.75 ng/ml



#2 alpha-BHC

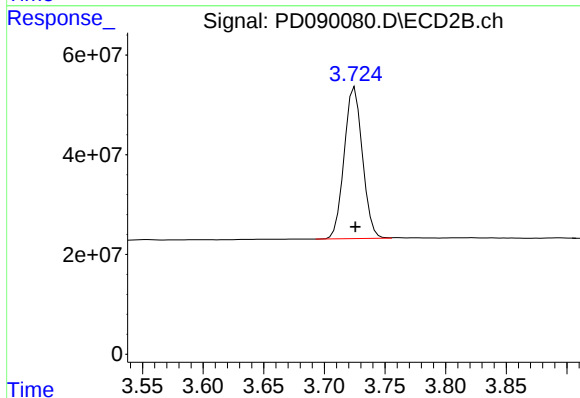
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 347075891
Conc: 10.23 ng/ml



#3 gamma-BHC (Lindane)

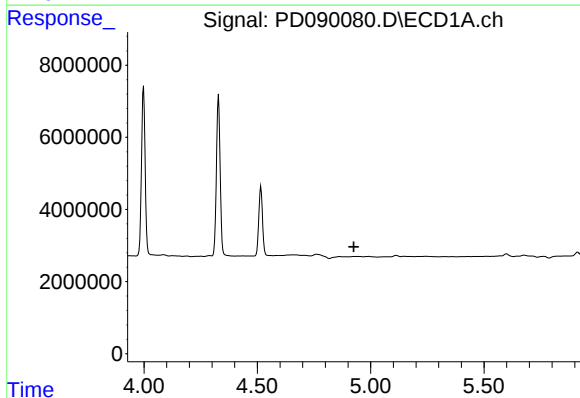
R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 51957883
Conc: 9.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



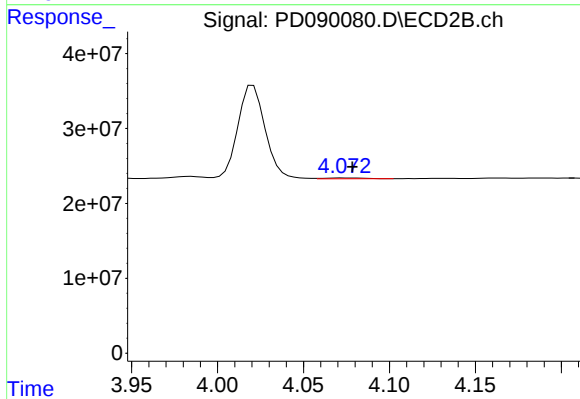
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 317721960
Conc: 10.19 ng/ml



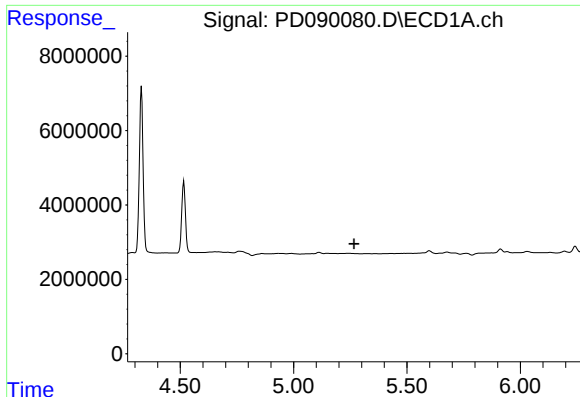
#4 Heptachlor

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



#4 Heptachlor

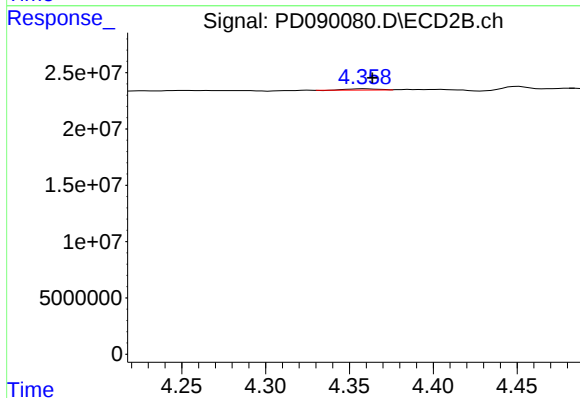
R.T.: 4.075 min
Delta R.T.: -0.004 min
Response: 1786197
Conc: 0.06 ng/ml



#5 Aldrin

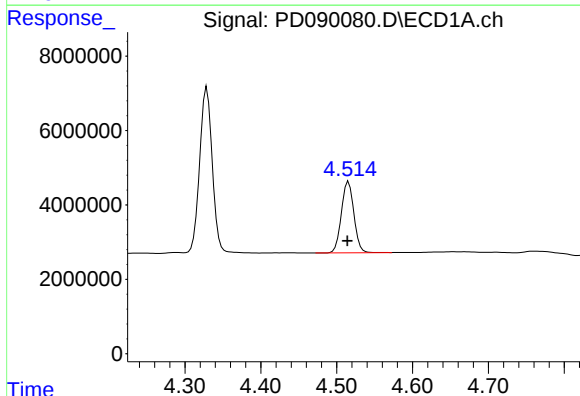
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



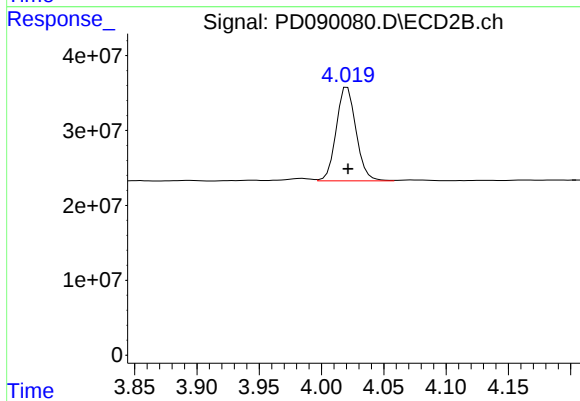
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 1469350
Conc: 0.05 ng/ml



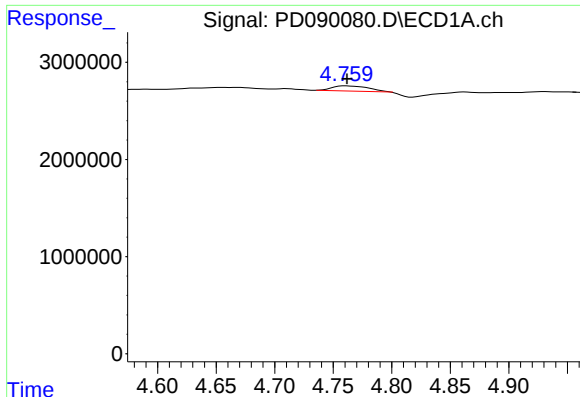
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 21975954
Conc: 9.80 ng/ml



#6 beta-BHC

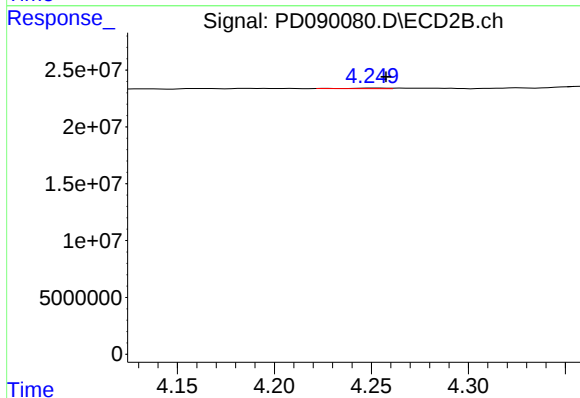
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 138802551
Conc: 10.41 ng/ml



#7 delta-BHC

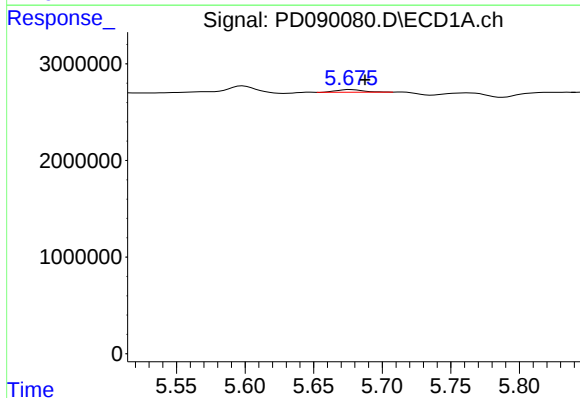
R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 1140063
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



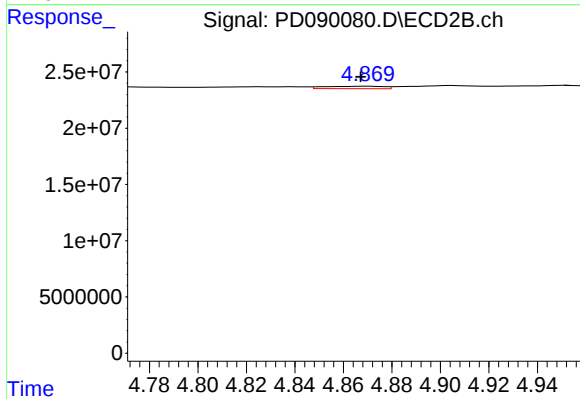
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.007 min
Response: 504986
Conc: 0.02 ng/ml



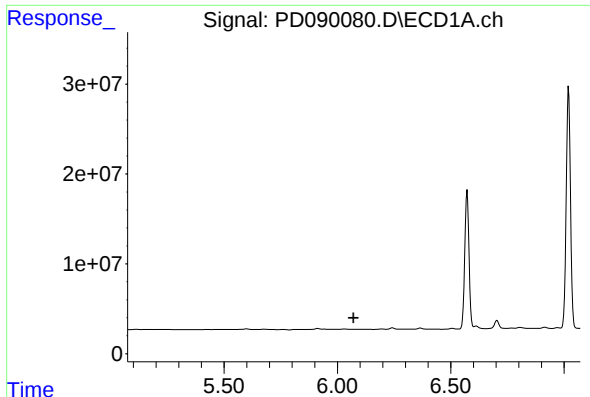
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.010 min
Response: 348404
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

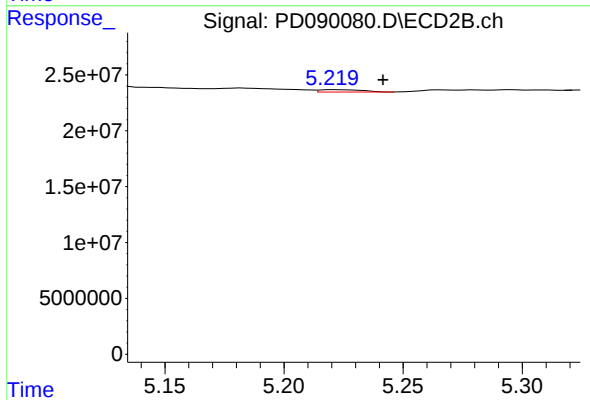
R.T.: 4.870 min
Delta R.T.: 0.003 min
Response: 3608277
Conc: 0.13 ng/ml



#9 Endosulfan I

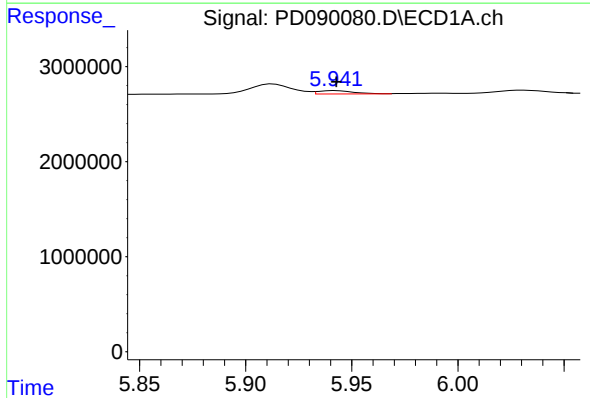
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



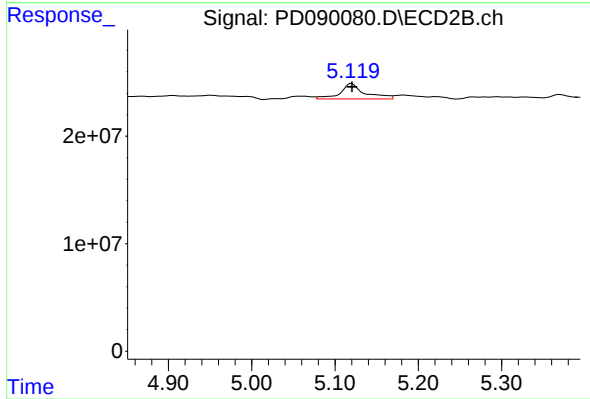
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.020 min
Response: 2714344
Conc: 0.10 ng/ml



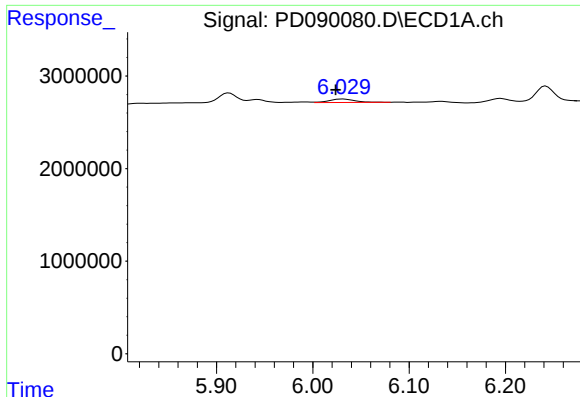
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 414636
Conc: 0.08 ng/ml



#10 gamma-Chlordane

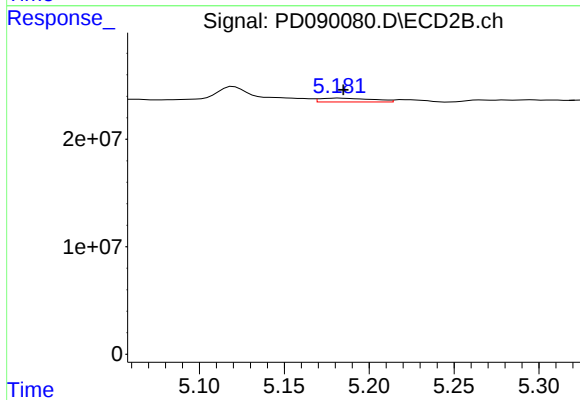
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 29686175
Conc: 1.00 ng/ml



#11 alpha-Chlordane

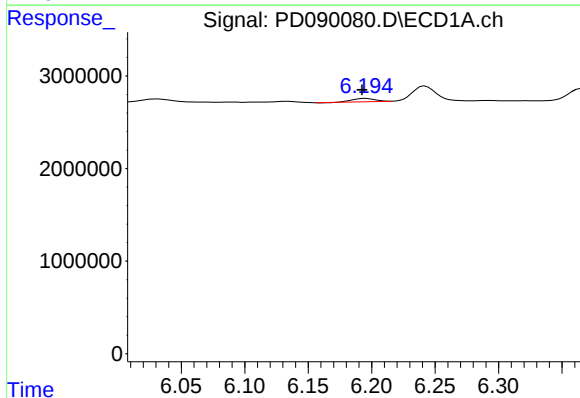
R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 671520
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



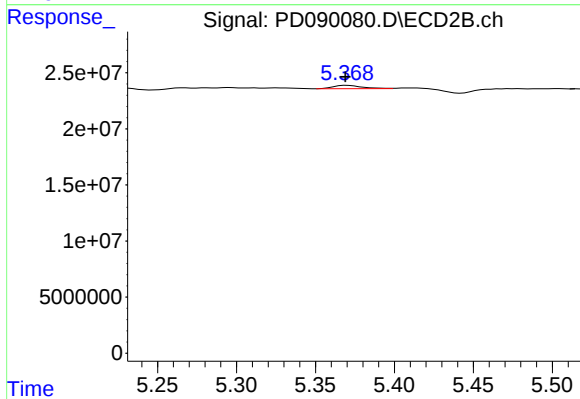
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 7760890
Conc: 0.27 ng/ml



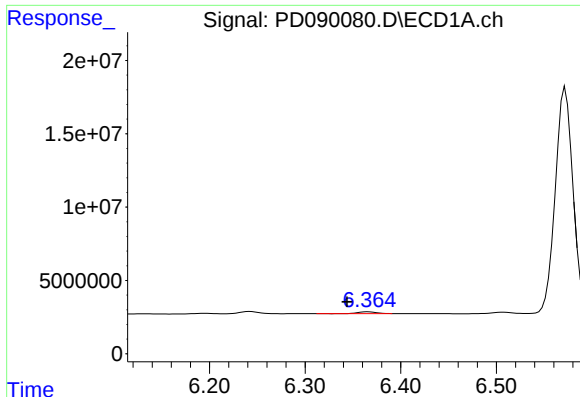
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.003 min
Response: 433598
Conc: 0.10 ng/ml



#12 4,4'-DDE

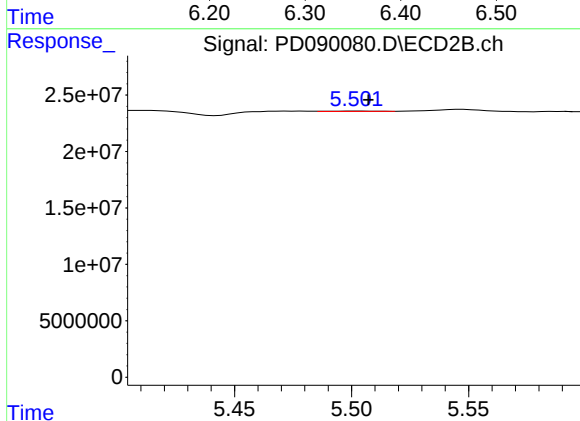
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 3797387
Conc: 0.13 ng/ml



#13 Dieldrin

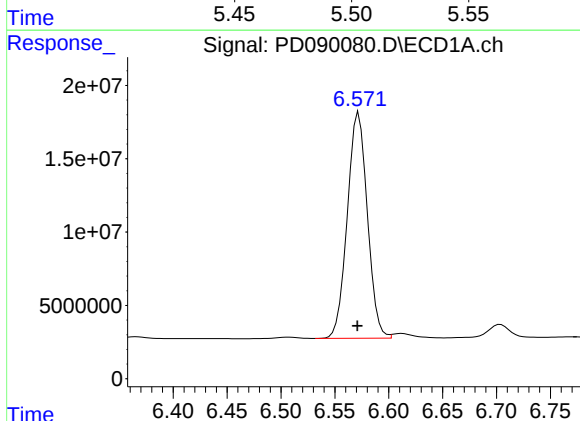
R.T.: 6.366 min
Delta R.T.: 0.022 min
Response: 1646901
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



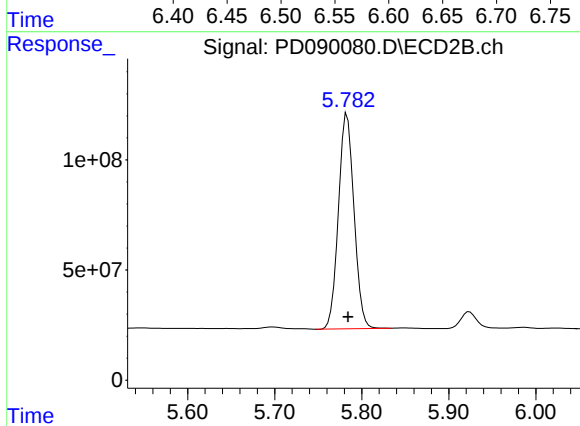
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 433285
Conc: 0.01 ng/ml



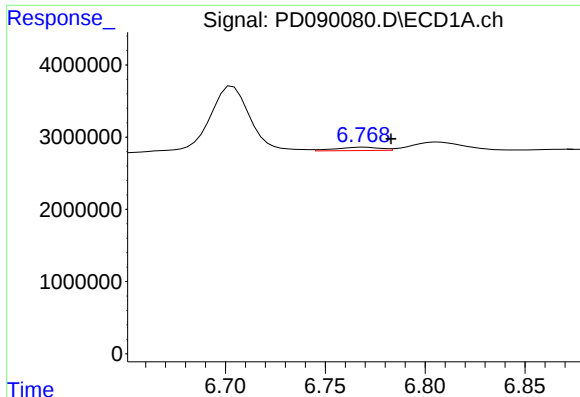
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 199635574
Conc: 48.18 ng/ml



#14 Endrin

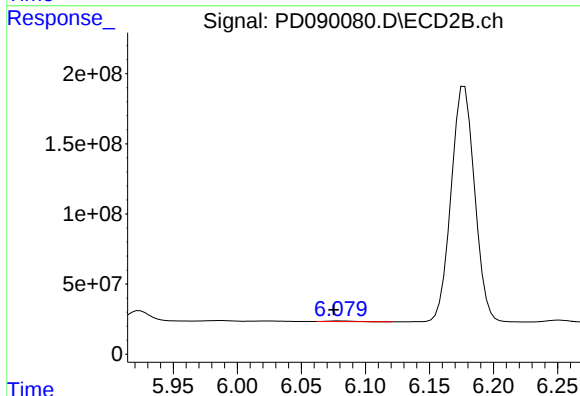
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 1215533582
Conc: 45.64 ng/ml



#15 Endosulfan II

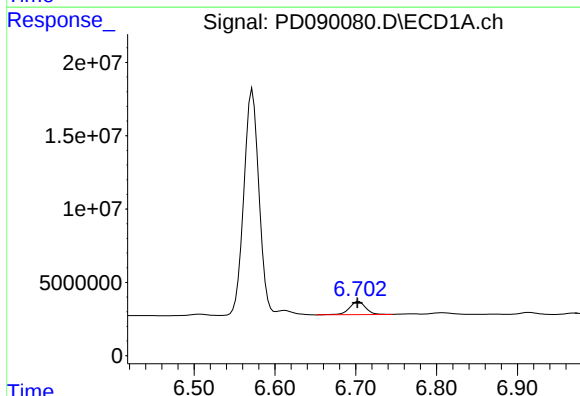
R.T.: 6.769 min
Delta R.T.: -0.014 min
Response: 743944
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



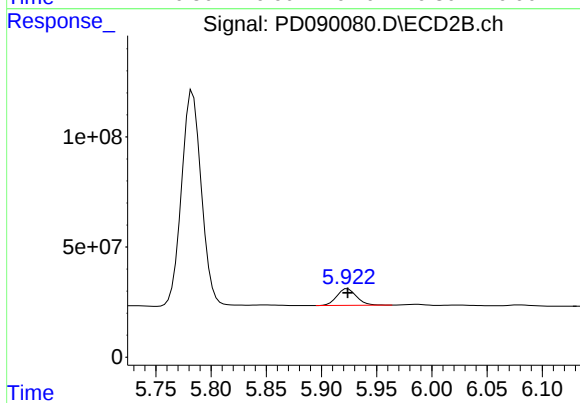
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 5429119
Conc: 0.21 ng/ml



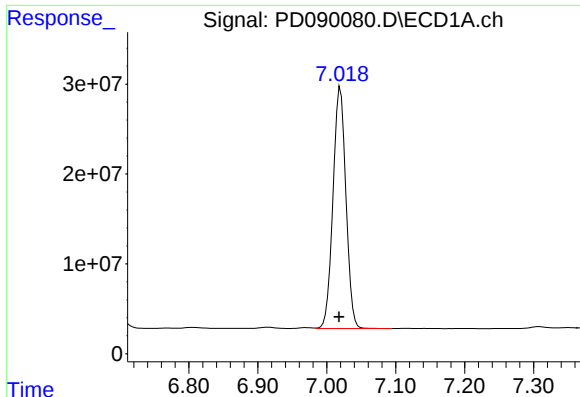
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 12854299
Conc: 3.72 ng/ml



#16 4,4'-DDD

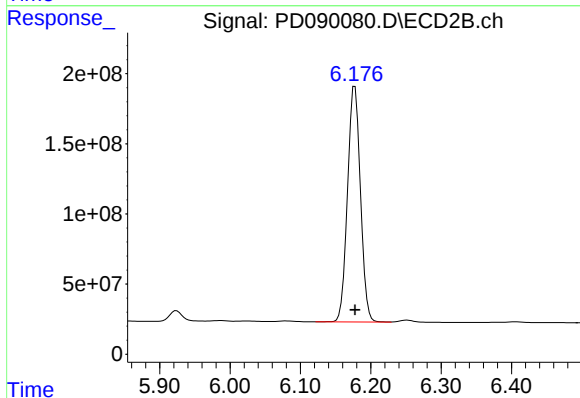
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 94018331
Conc: 3.91 ng/ml



#17 4,4'-DDT

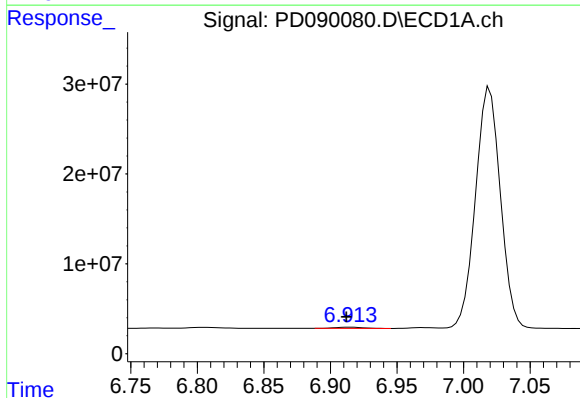
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 349499030
Conc: 91.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



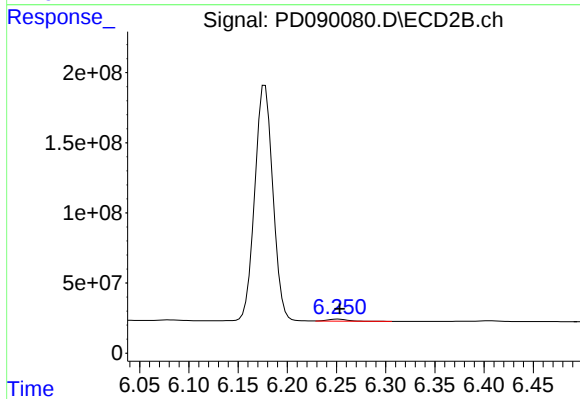
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2150105386
Conc: 85.77 ng/ml



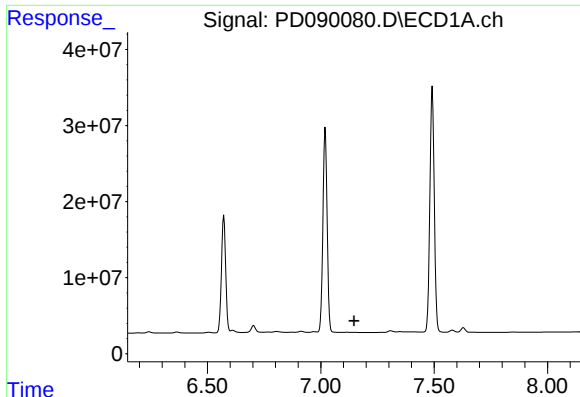
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 1905218
Conc: 0.66 ng/ml



#18 Endrin aldehyde

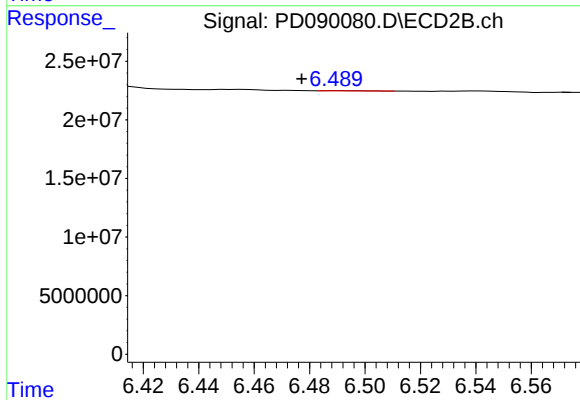
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 19109149
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

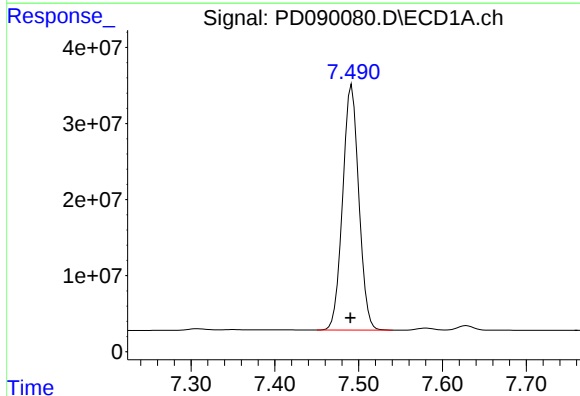
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



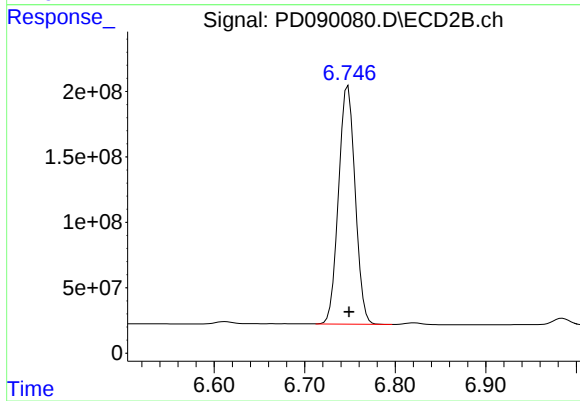
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: 0.013 min
Response: 168365
Conc: 0.01 ng/ml



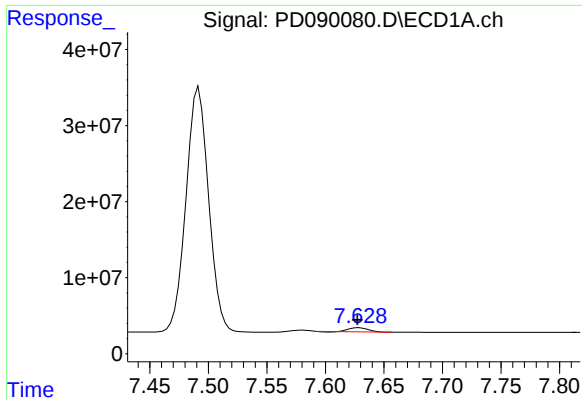
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 432522851
Conc: 215.66 ng/ml



#20 Methoxychlor

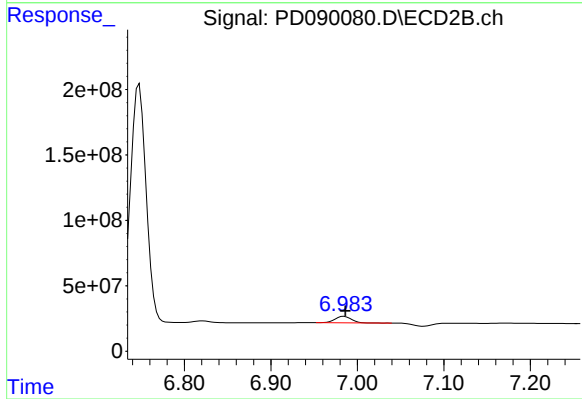
R.T.: 6.748 min
Delta R.T.: -0.001 min
Response: 2322687298
Conc: 180.11 ng/ml



#21 Endrin ketone

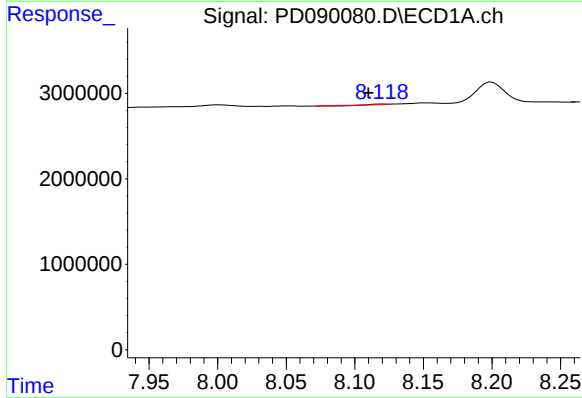
R.T.: 7.629 min
Delta R.T.: 0.001 min
Response: 6206141
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



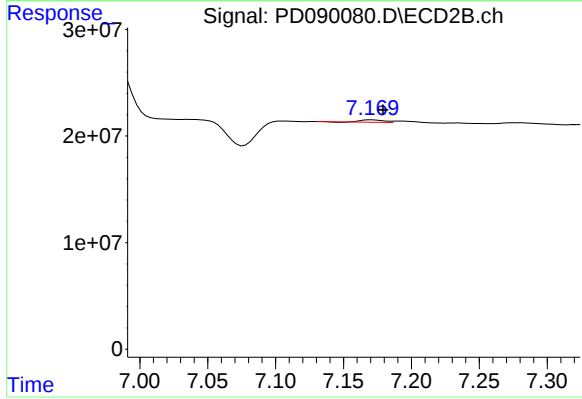
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.001 min
Response: 62784149
Conc: 2.36 ng/ml



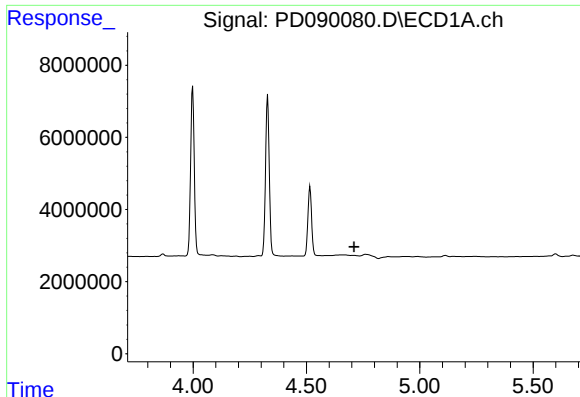
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.011 min
Response: 7203
Conc: 0.00 ng/ml



#22 Mirex

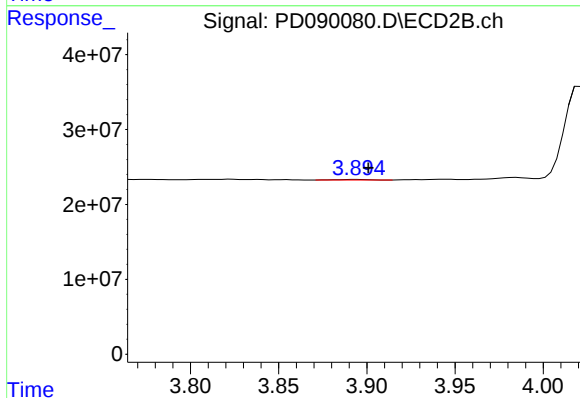
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 2602482
Conc: 0.13 ng/ml



#23 Chlordane-1

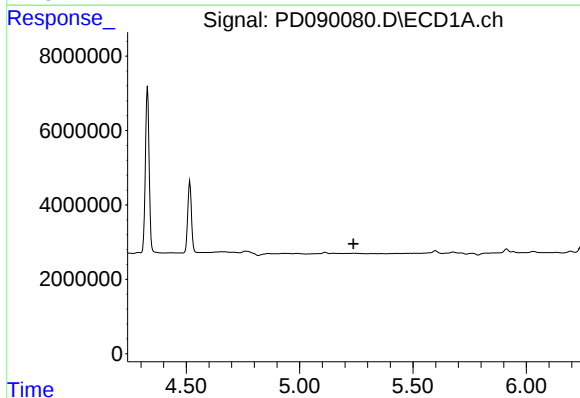
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



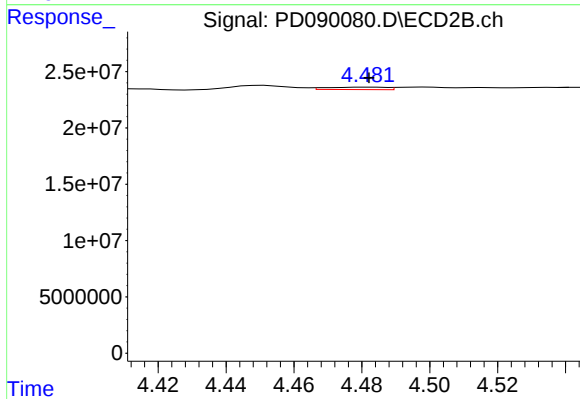
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 931766
Conc: 1.05 ng/ml



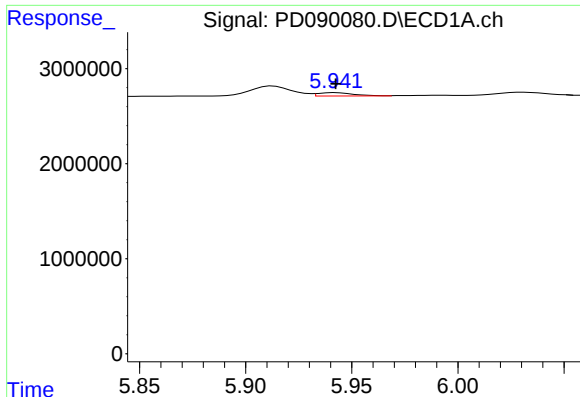
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

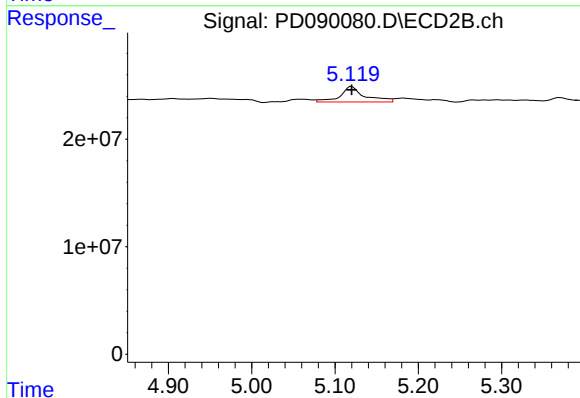
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 2641713
Conc: 2.76 ng/ml



#25 Chlordane-3

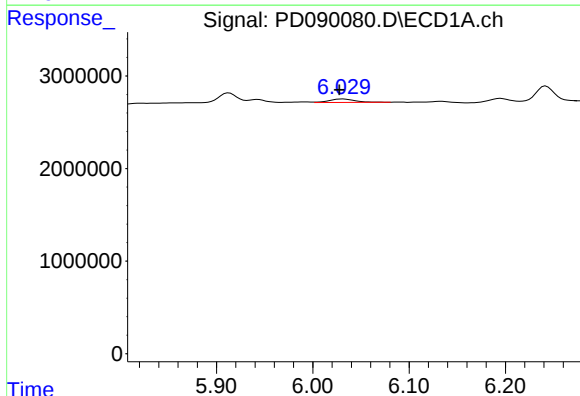
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 414636
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



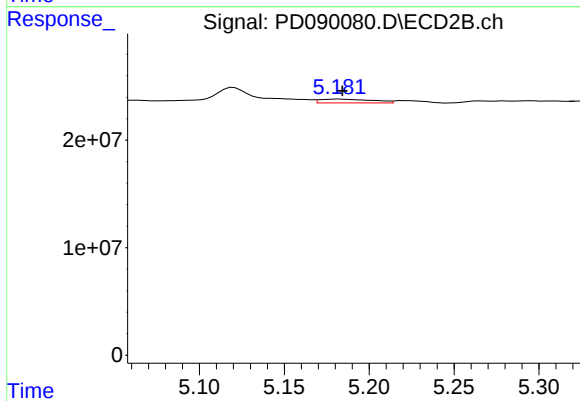
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 29686175
Conc: 10.71 ng/ml



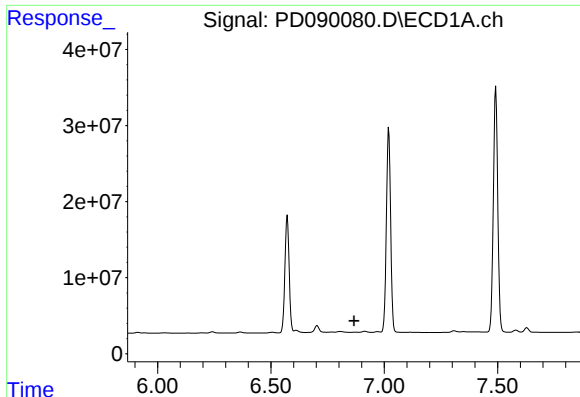
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 671520
Conc: 0.81 ng/ml



#26 Chlordane-4

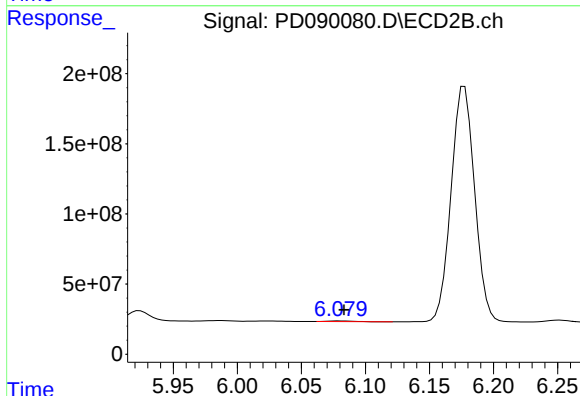
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 7760890
Conc: 3.22 ng/ml



#27 Chlordane-5

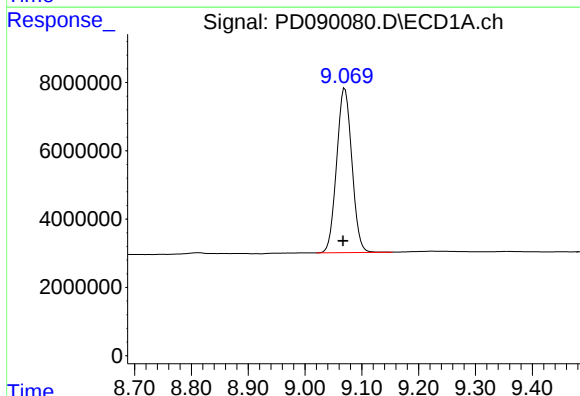
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



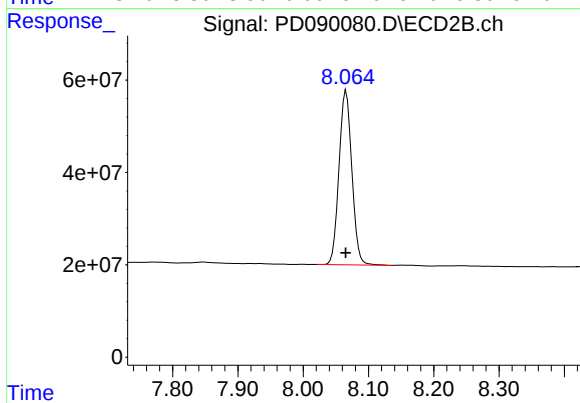
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 5429119
Conc: 4.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 89581196
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 516021615
Conc: 19.93 ng/ml