

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
 Data File : PD090517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 10:17
 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: Oct 07 03:21:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.551	2.874	63919408	573.1E6	19.665	20.878
28)	SA Decachlor...	9.070	8.062	100.0E6	689.1E6	20.727	21.258
Target Compounds							
2)	A alpha-BHC	4.000	3.386	63552787	473.5E6	9.099	10.814
3)	MA gamma-BHC...	4.331	3.723	62135828	444.0E6	9.391	10.899
4)	MA Heptachlor	4.946f	4.077	575328	1088020	0.087	0.027 #
5)	MB Aldrin	0.000	4.359	0	790154	N.D.	0.020 #
6)	B beta-BHC	4.518	4.019	26092792	190.6E6	10.114	10.993
7)	B delta-BHC	4.777f	4.255	744468	633274	0.115	0.015 #
8)	B Heptachlo...	0.000	4.889f	0	17772241	N.D.	0.482 #
9)	A Endosulfan I	0.000	5.232	0	795841	N.D.	0.023 #
10)	B gamma-Chl...	5.917f	5.120	812341	1820240	0.142	0.046 #
11)	B alpha-Chl...	6.000f	5.177	4098464	714288	0.711	0.019 #
12)	B 4,4'-DDE	6.196	5.367	539628	3795825	0.104	0.099
13)	MA Dieldrin	6.372f	5.498	171195	-16926	0.030	N.D. #
14)	MA Endrin	6.574	5.781	246.4E6	1747.9E6	50.342	48.780
15)	B Endosulfa...	6.772	6.077	671798	2826331	0.138	0.084 #
16)	A 4,4'-DDD	6.705	5.921	7751228	39683864	1.892	1.224 #
17)	MA 4,4'-DDT	7.021	6.174	444.1E6	3335.9E6	99.743	97.033
18)	B Endrin al...	6.917	6.248	1974185	18951972	0.575	0.805 #
19)	B Endosulfa...	0.000	6.457f	0	128521	N.D.	0.004 #
20)	A Methoxychlor	7.493	6.744	532.8E6	3168.7E6	226.111	182.107
21)	B Endrin ke...	7.630	6.982	4358371	32675117	0.881	0.905
22)	Mirex	8.120	7.166	739855	8747971	0.200	0.317 #
23)	Chlordane-1	0.000	3.897	0	953038	N.D.	0.792 #
24)	Chlordane-2	0.000	4.495	0	1766364	N.D.	1.413 #
25)	Chlordane-3	5.917f	5.120	812341	1820240	0.971	0.480 #
26)	Chlordane-4	6.000f	5.177	4098464	714288	4.016	0.219 #
27)	Chlordane-5	0.000	6.077	0	2826331	N.D.	1.862 #

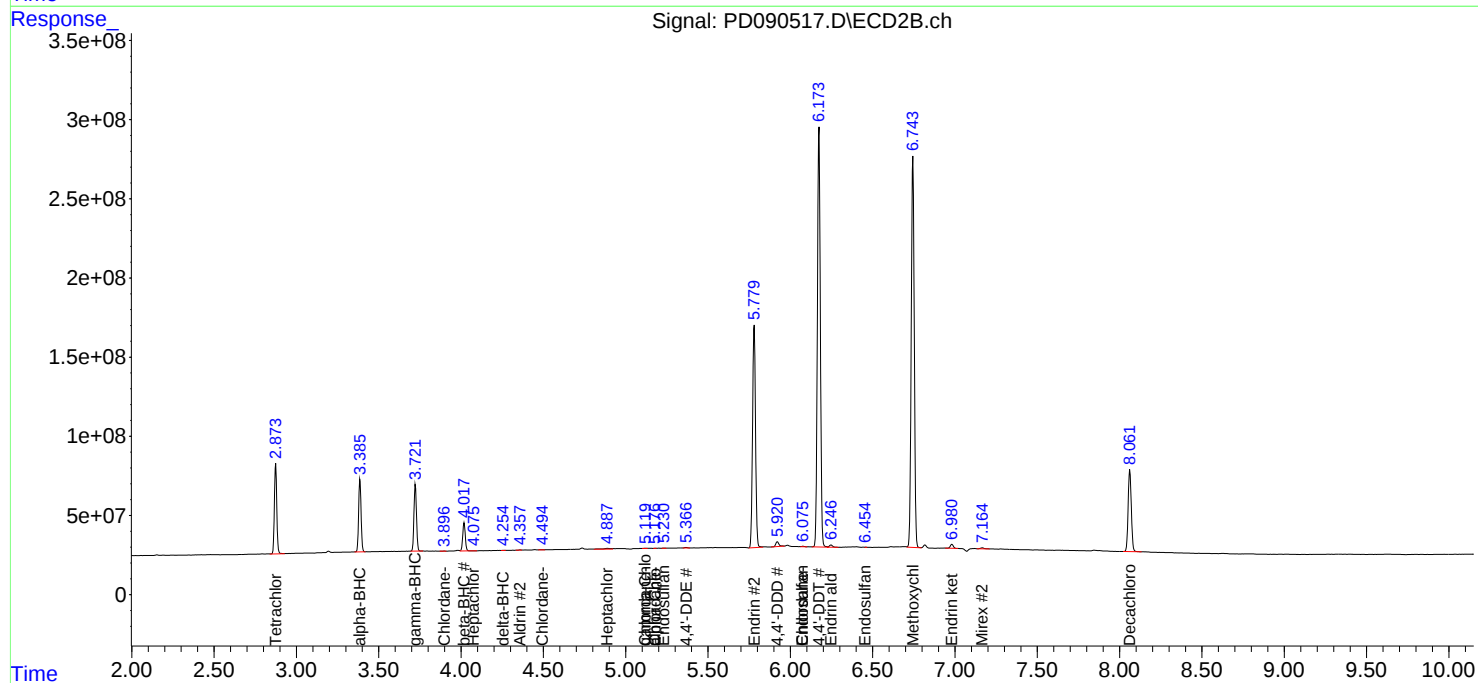
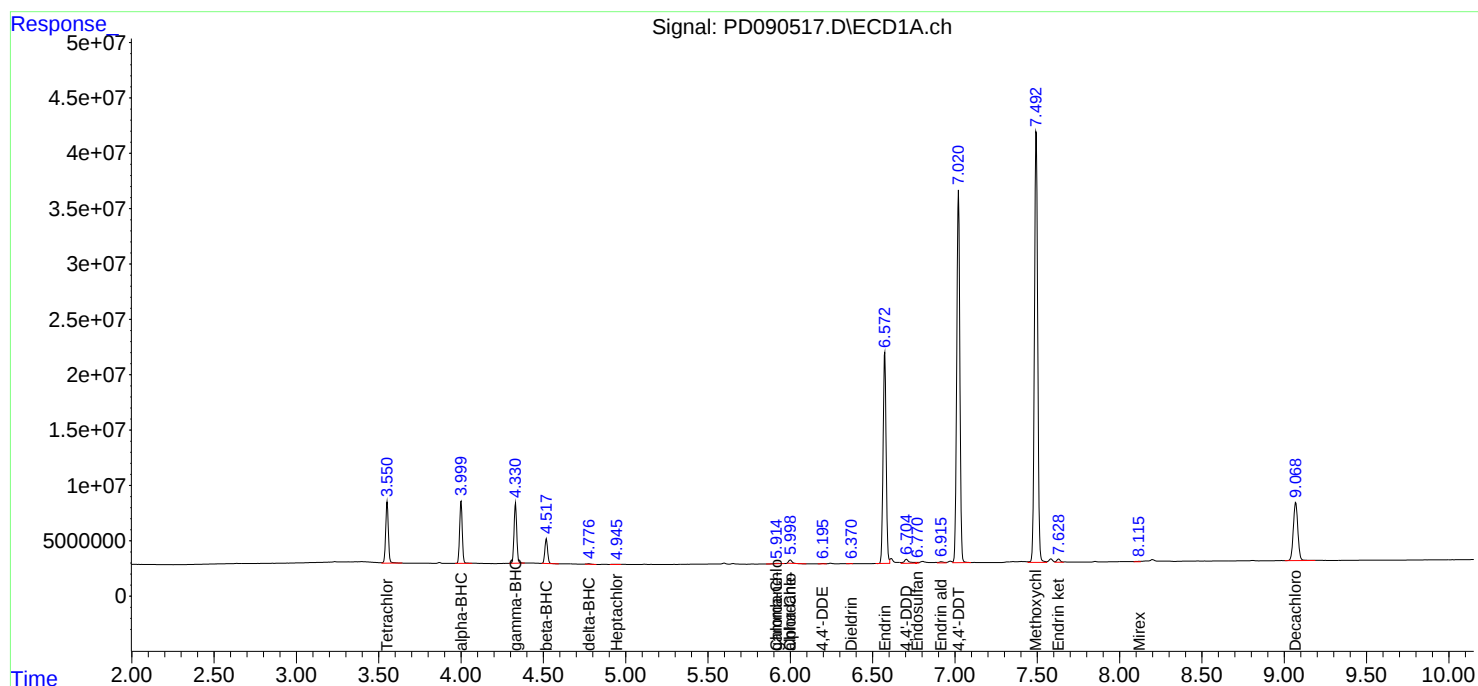
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

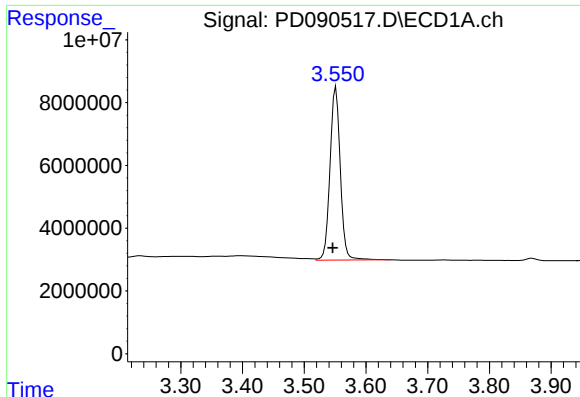
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
Data File : PD090517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2025 10:17
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 03:21:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

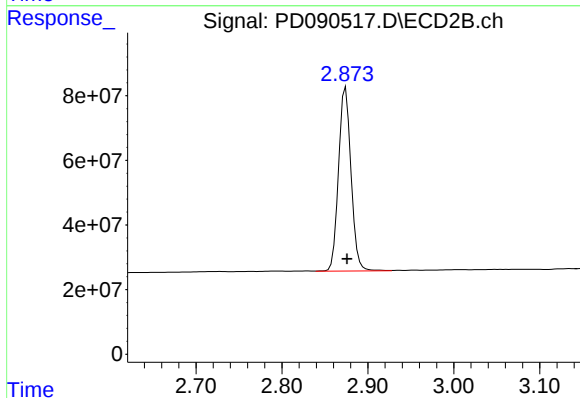




#1 Tetrachloro-m-xylene

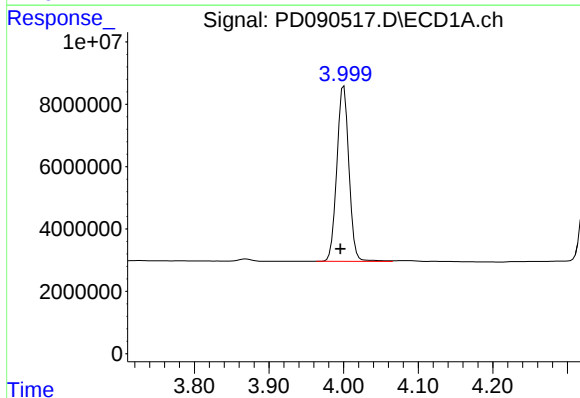
R.T.: 3.551 min
Delta R.T.: 0.005 min
Response: 63919408
Conc: 19.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



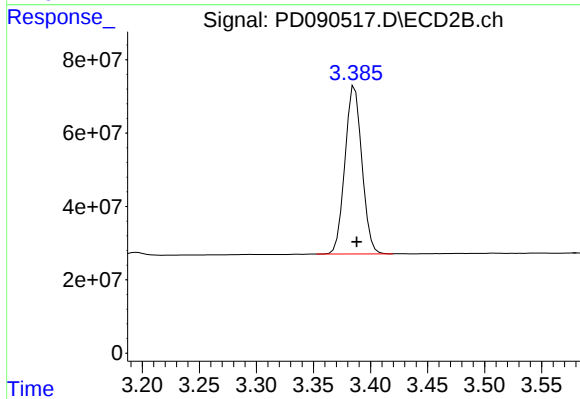
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 573091317
Conc: 20.88 ng/ml



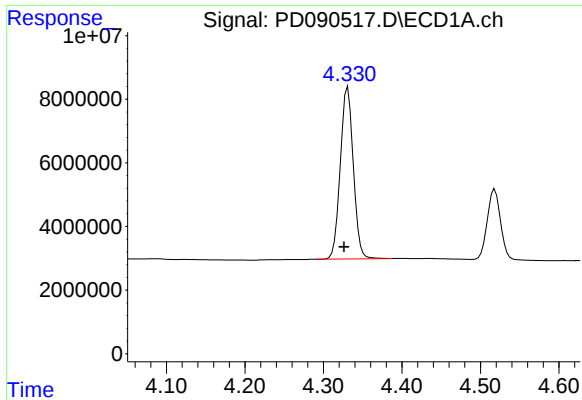
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.005 min
Response: 63552787
Conc: 9.10 ng/ml



#2 alpha-BHC

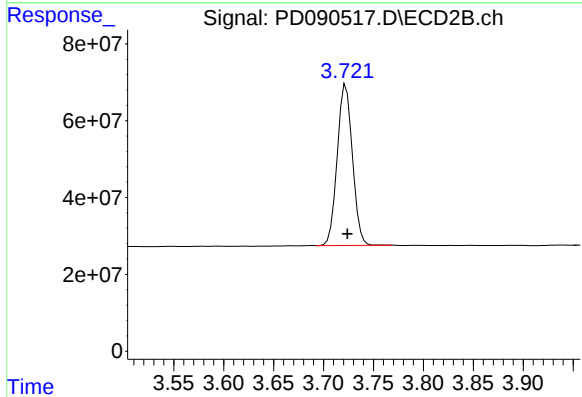
R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 473462622
Conc: 10.81 ng/ml



#3 gamma-BHC (Lindane)

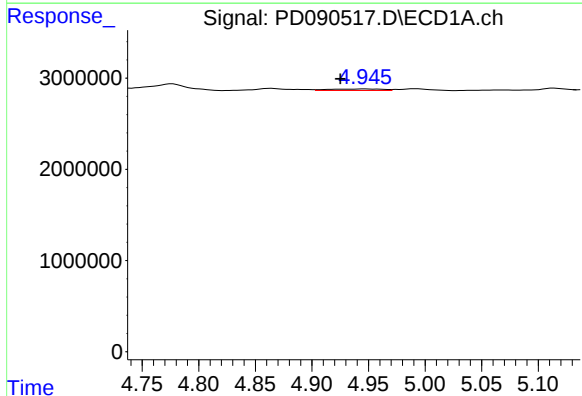
R.T.: 4.331 min
Delta R.T.: 0.005 min
Response: 62135828
Conc: 9.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



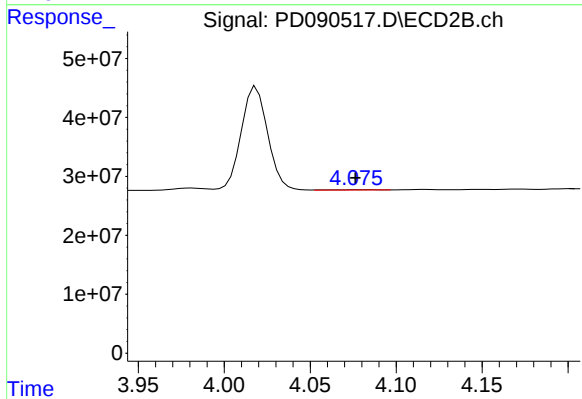
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 443978954
Conc: 10.90 ng/ml



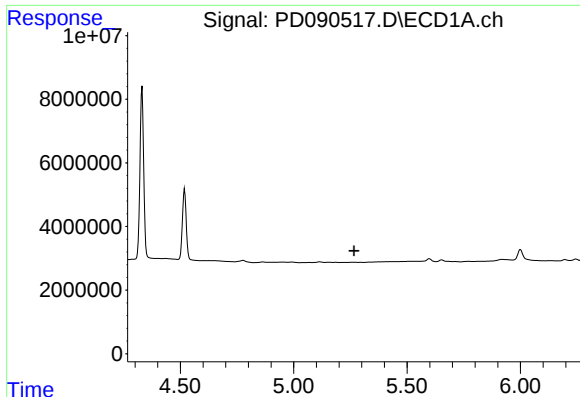
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: 0.021 min
Response: 575328
Conc: 0.09 ng/ml



#4 Heptachlor

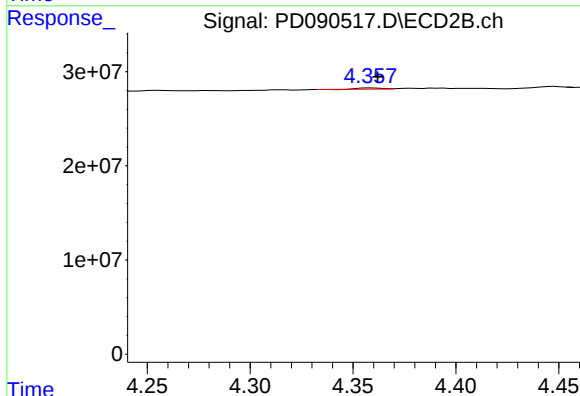
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 1088020
Conc: 0.03 ng/ml



#5 Aldrin

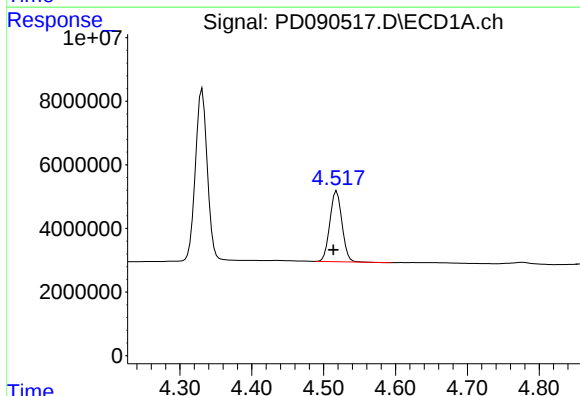
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



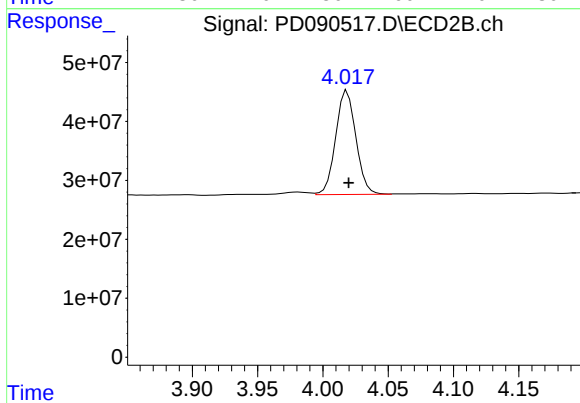
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 790154
Conc: 0.02 ng/ml



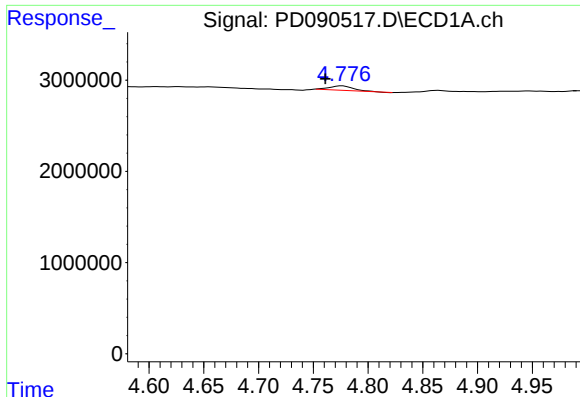
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.005 min
Response: 26092792
Conc: 10.11 ng/ml



#6 beta-BHC

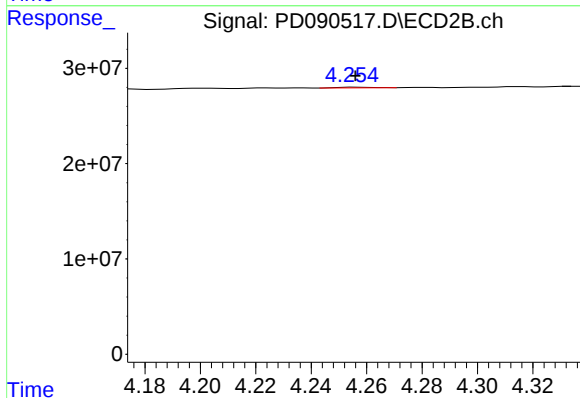
R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 190568222
Conc: 10.99 ng/ml



#7 delta-BHC

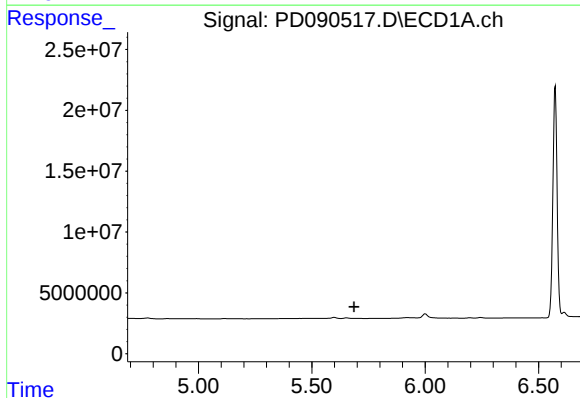
R.T.: 4.777 min
Delta R.T.: 0.016 min
Response: 744468
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



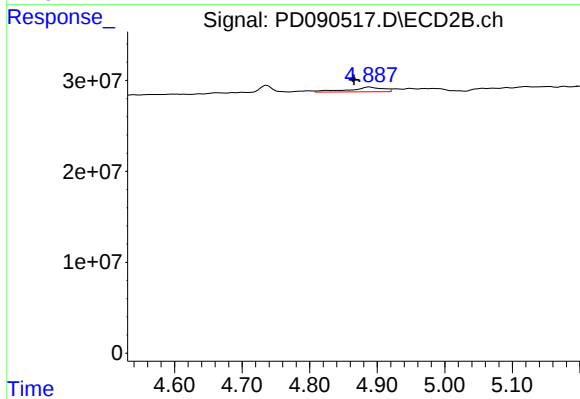
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 633274
Conc: 0.02 ng/ml



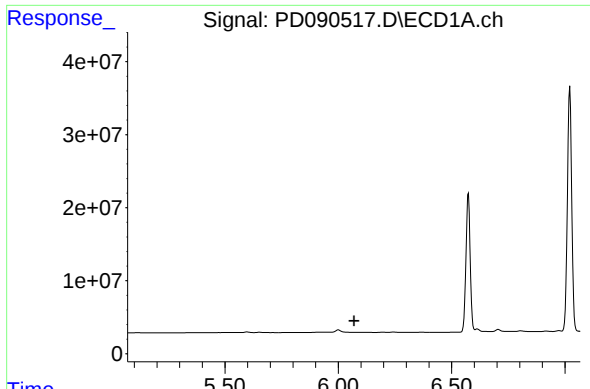
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.686 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

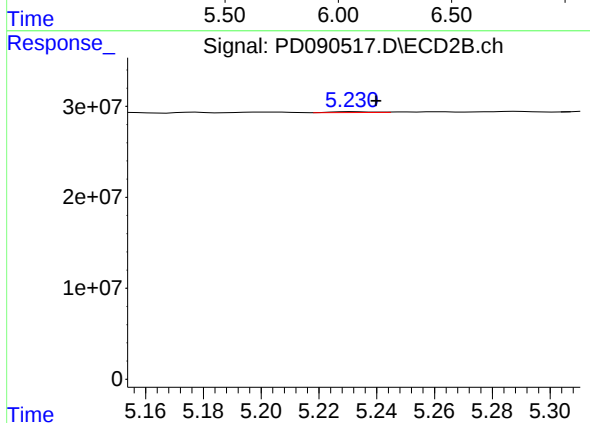
R.T.: 4.889 min
Delta R.T.: 0.023 min
Response: 17772241
Conc: 0.48 ng/ml



#9 Endosulfan I

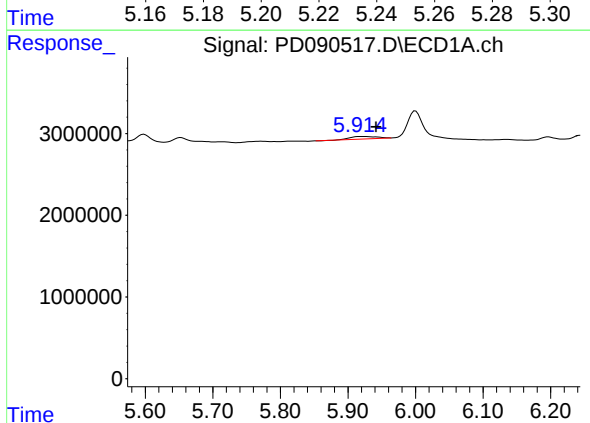
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



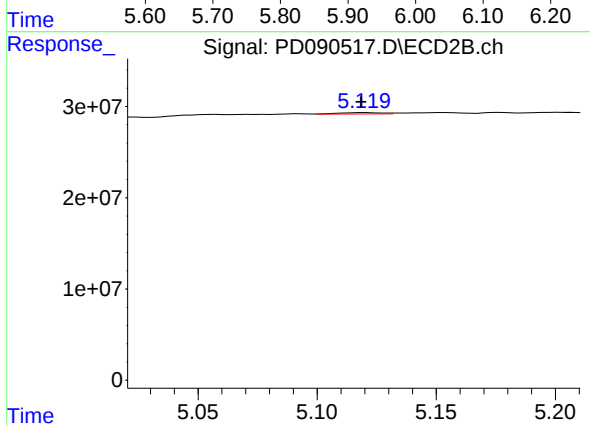
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.008 min
Response: 795841
Conc: 0.02 ng/ml



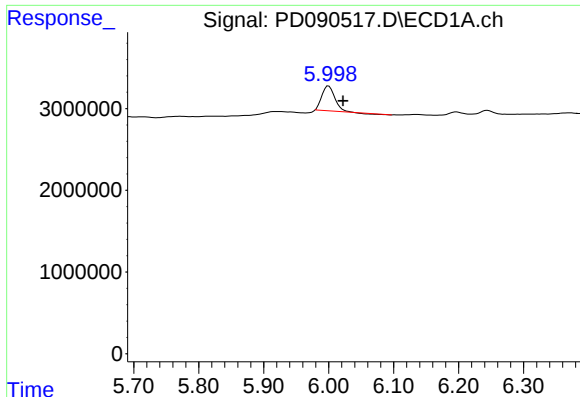
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.024 min
Response: 812341
Conc: 0.14 ng/ml



#10 gamma-Chlordane

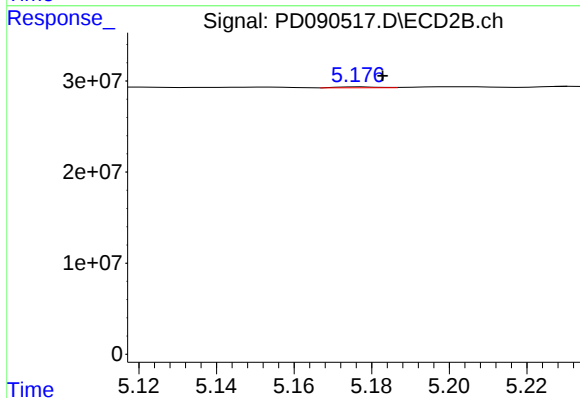
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 1820240
Conc: 0.05 ng/ml



#11 alpha-Chlordane

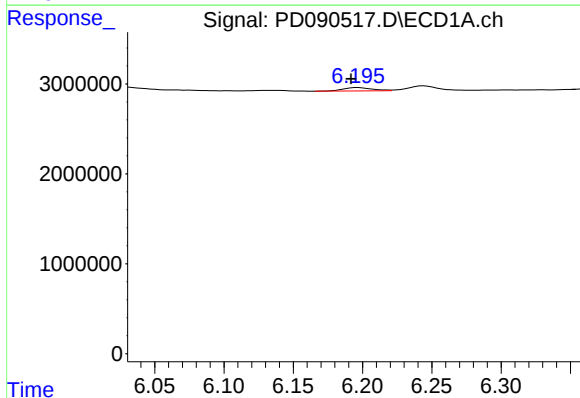
R.T.: 6.000 min
Delta R.T.: -0.022 min
Response: 4098464
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



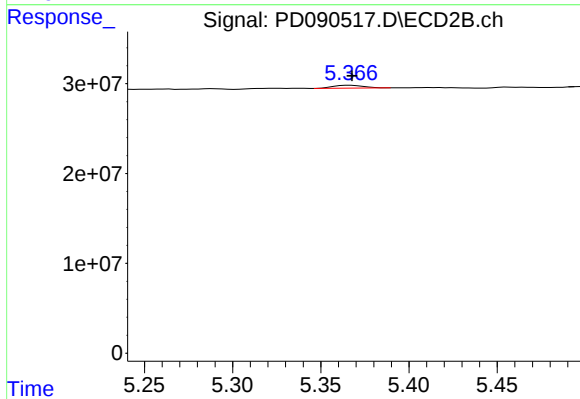
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.006 min
Response: 714288
Conc: 0.02 ng/ml



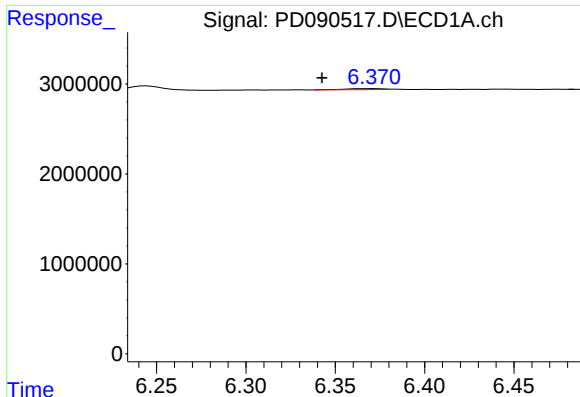
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.005 min
Response: 539628
Conc: 0.10 ng/ml



#12 4,4'-DDE

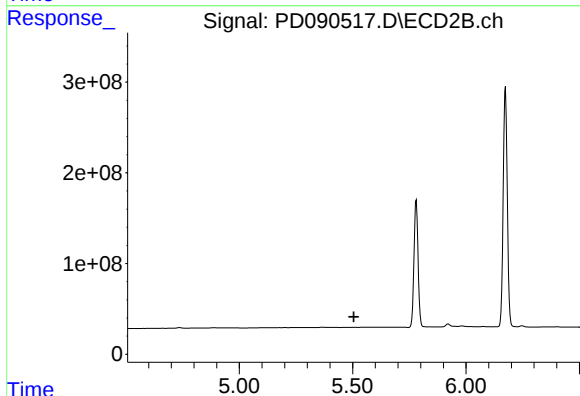
R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 3795825
Conc: 0.10 ng/ml



#13 Dieldrin

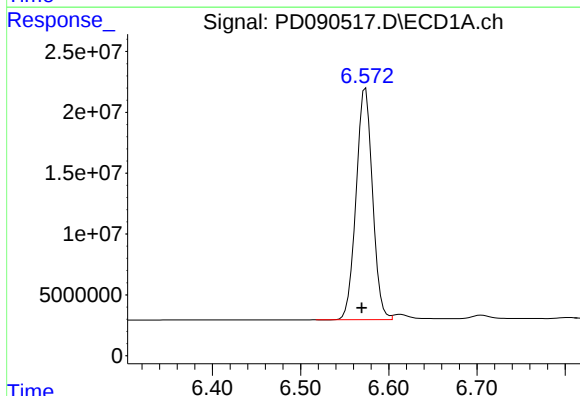
R.T.: 6.372 min
Delta R.T.: 0.029 min
Response: 171195
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



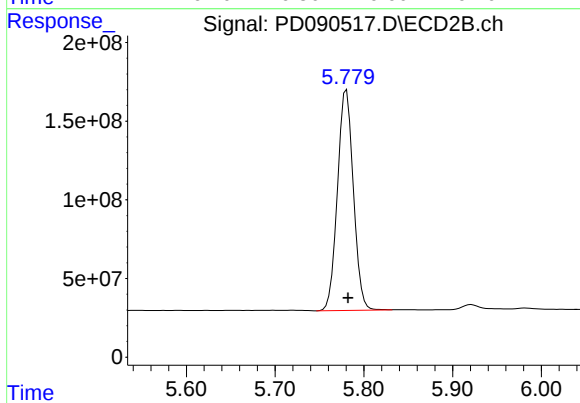
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: -16926
Conc: N.D.



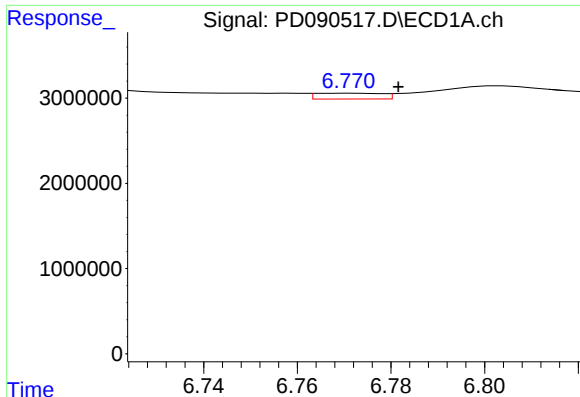
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 246370161
Conc: 50.34 ng/ml



#14 Endrin

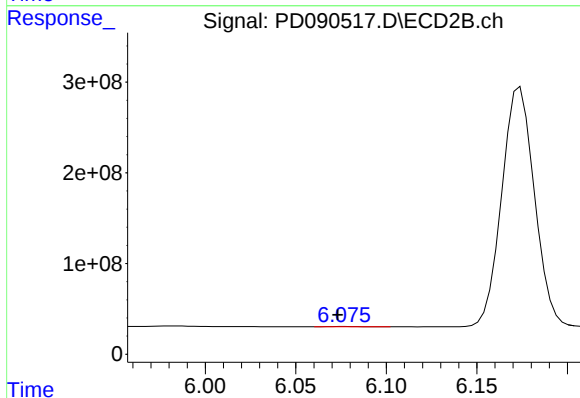
R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 1747891756
Conc: 48.78 ng/ml



#15 Endosulfan II

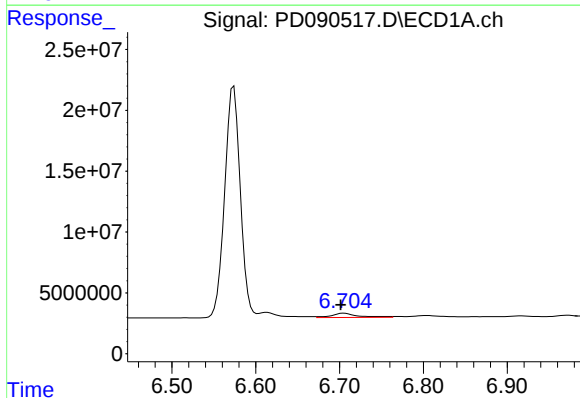
R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 671798
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



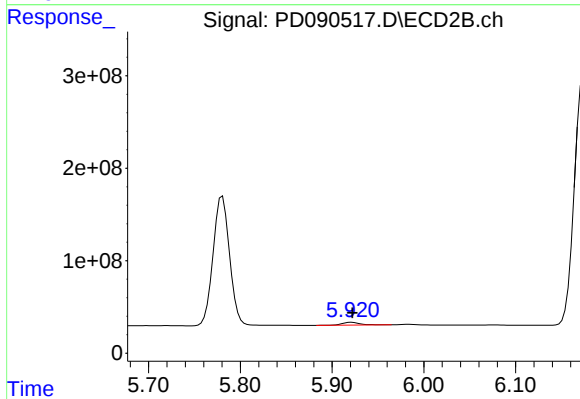
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 2826331
Conc: 0.08 ng/ml



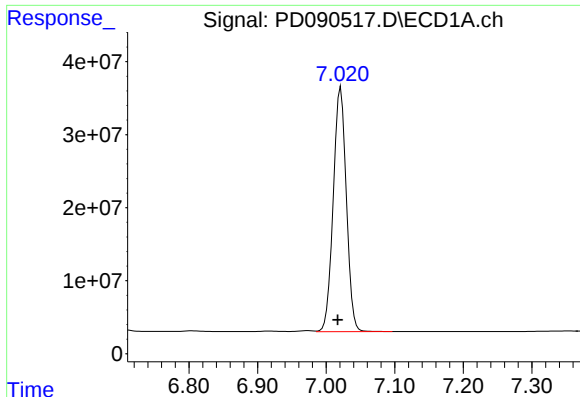
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.004 min
Response: 7751228
Conc: 1.89 ng/ml



#16 4,4'-DDD

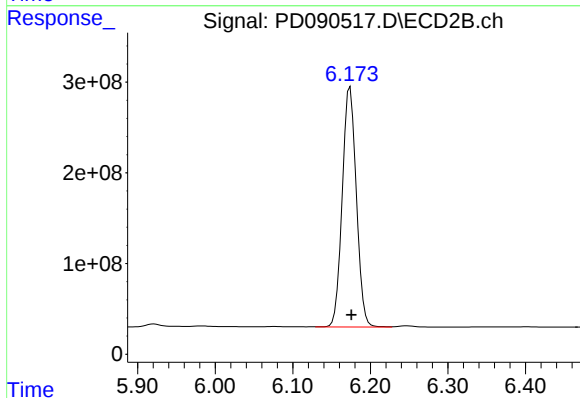
R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 39683864
Conc: 1.22 ng/ml



#17 4,4'-DDT

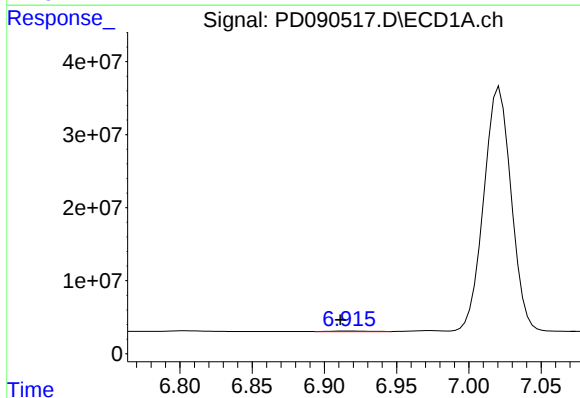
R.T.: 7.021 min
Delta R.T.: 0.004 min
Response: 444100011
Conc: 99.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



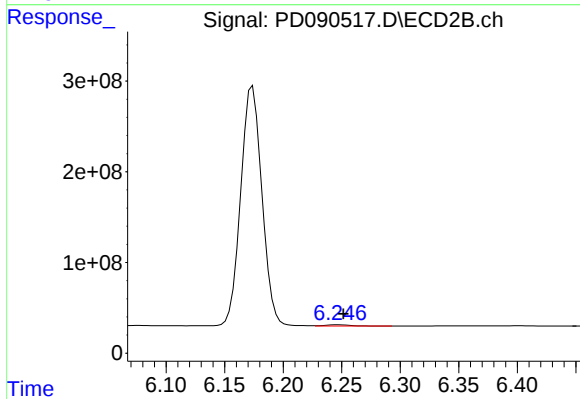
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 3335919701
Conc: 97.03 ng/ml



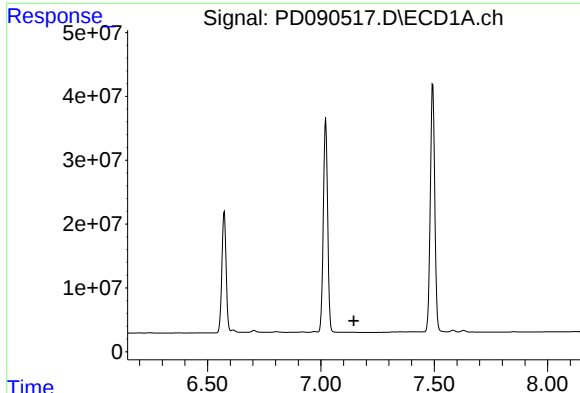
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.005 min
Response: 1974185
Conc: 0.58 ng/ml



#18 Endrin aldehyde

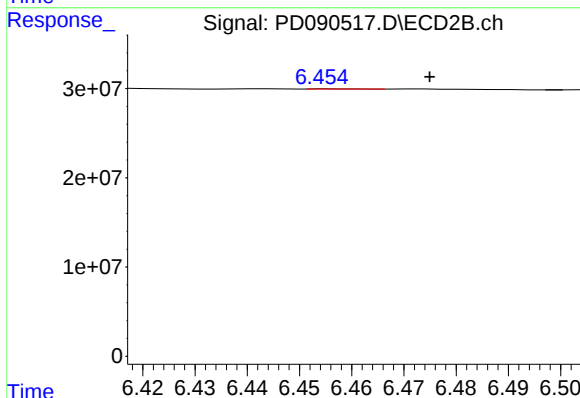
R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 18951972
Conc: 0.80 ng/ml



#19 Endosulfan Sulfate

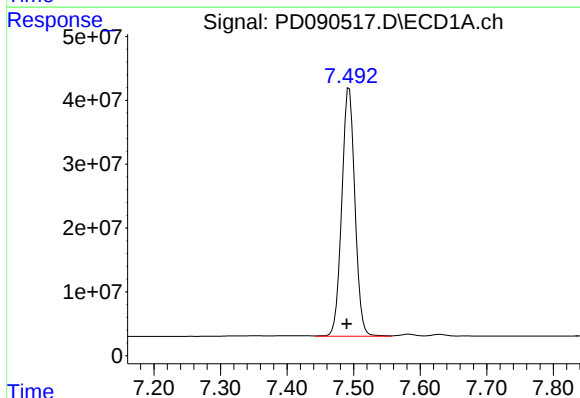
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



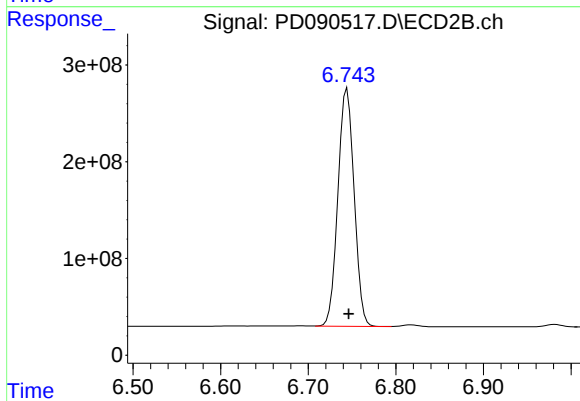
#19 Endosulfan Sulfate

R.T.: 6.457 min
Delta R.T.: -0.018 min
Response: 128521
Conc: 0.00 ng/ml



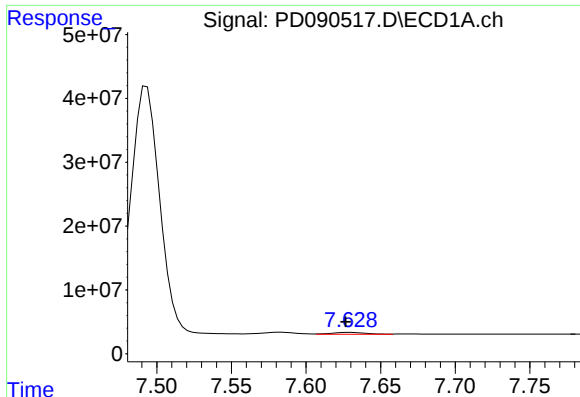
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.004 min
Response: 532834049
Conc: 226.11 ng/ml



#20 Methoxychlor

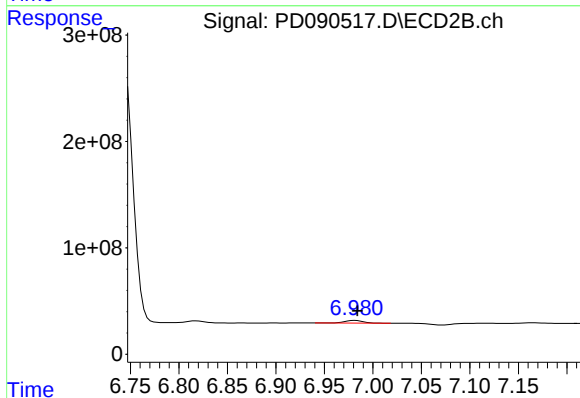
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 3168731272
Conc: 182.11 ng/ml



#21 Endrin ketone

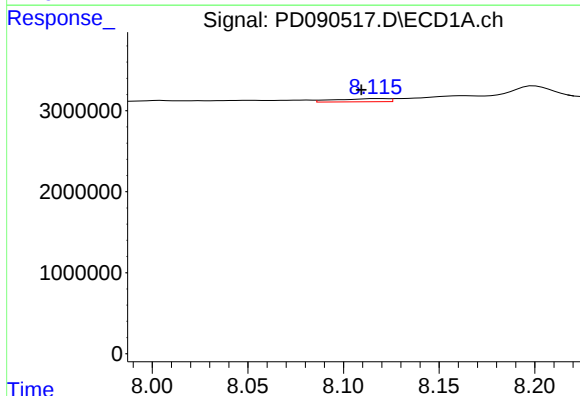
R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 4358371
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



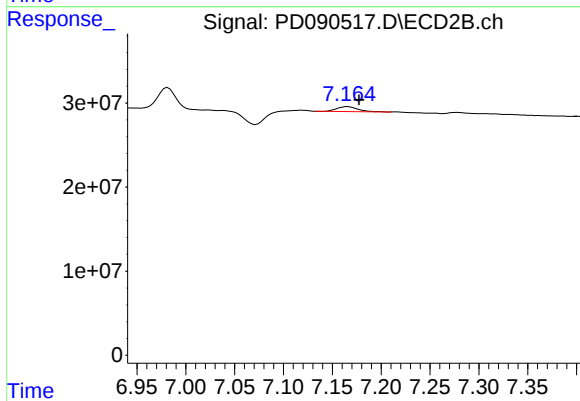
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.003 min
Response: 32675117
Conc: 0.91 ng/ml



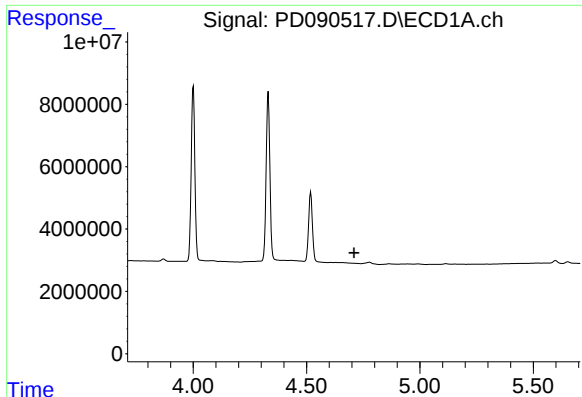
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.011 min
Response: 739855
Conc: 0.20 ng/ml



#22 Mirex

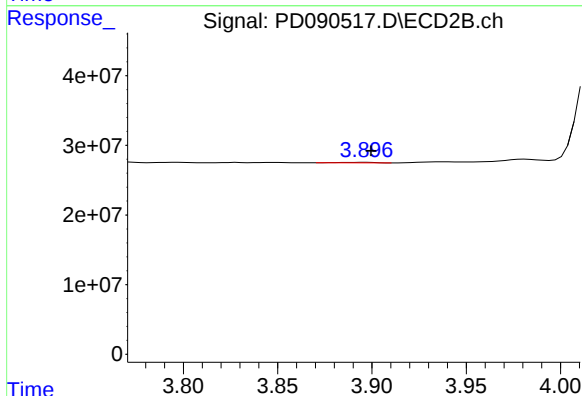
R.T.: 7.166 min
Delta R.T.: -0.011 min
Response: 8747971
Conc: 0.32 ng/ml



#23 Chlordane-1

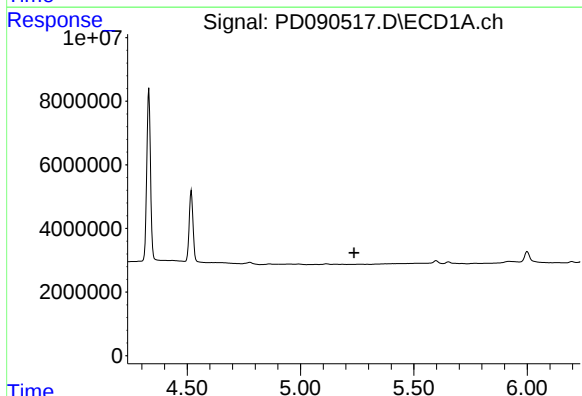
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



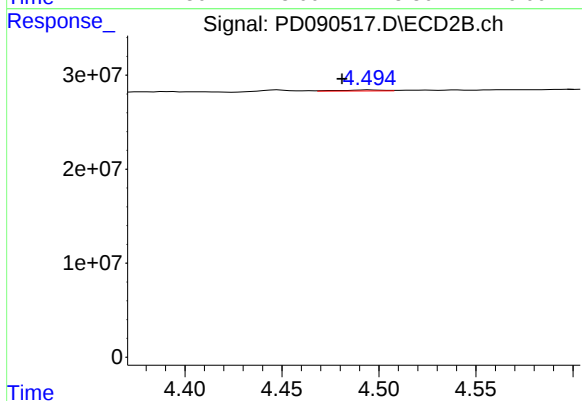
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.002 min
Response: 953038
Conc: 0.79 ng/ml



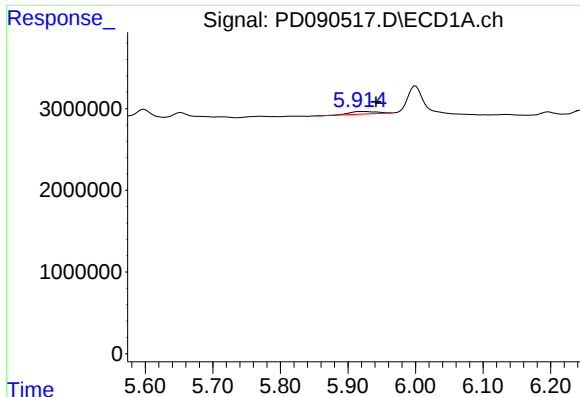
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#24 Chlordane-2

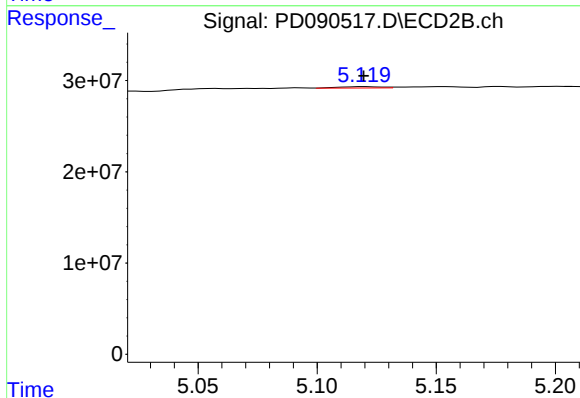
R.T.: 4.495 min
Delta R.T.: 0.014 min
Response: 1766364
Conc: 1.41 ng/ml



#25 Chlordane-3

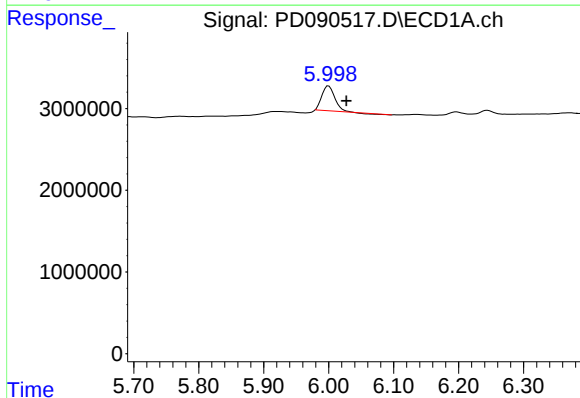
R.T.: 5.917 min
Delta R.T.: -0.025 min
Response: 812341
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



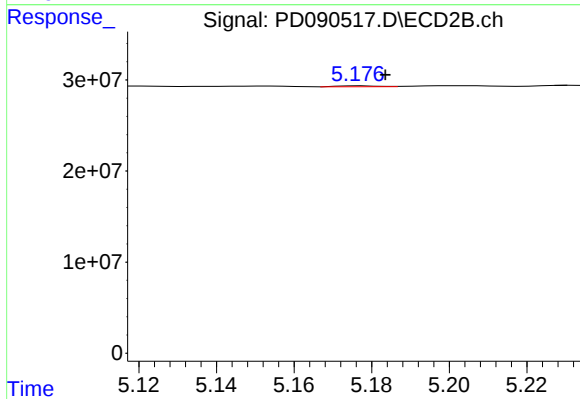
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1820240
Conc: 0.48 ng/ml



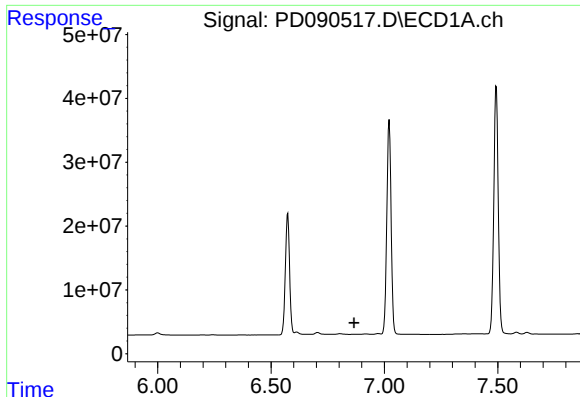
#26 Chlordane-4

R.T.: 6.000 min
Delta R.T.: -0.027 min
Response: 4098464
Conc: 4.02 ng/ml



#26 Chlordane-4

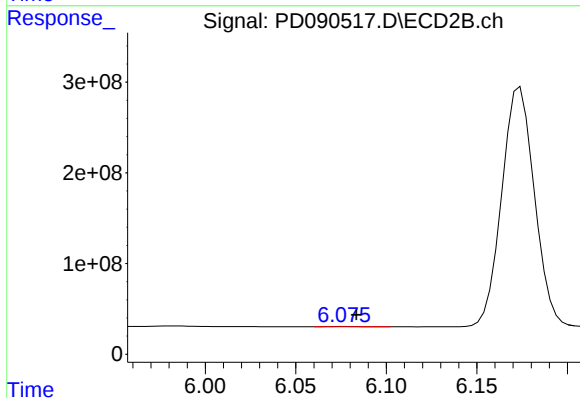
R.T.: 5.177 min
Delta R.T.: -0.006 min
Response: 714288
Conc: 0.22 ng/ml



#27 Chlordane-5

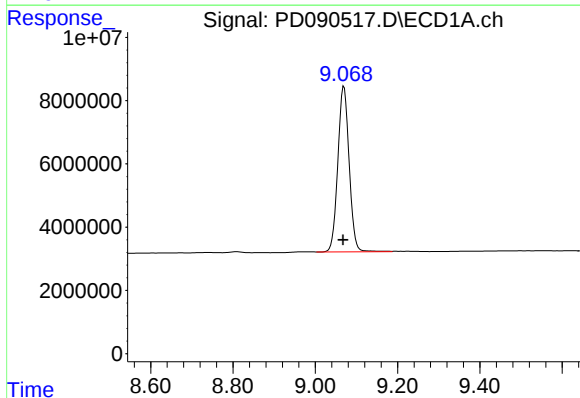
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



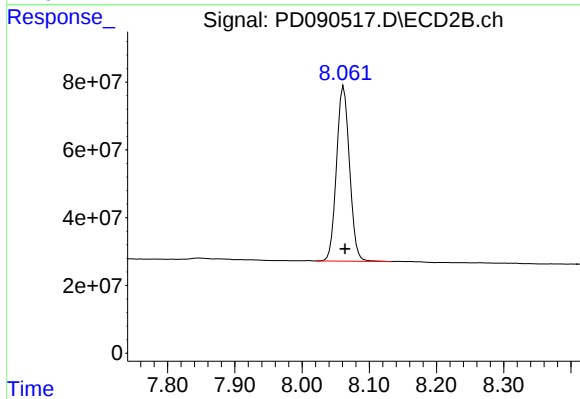
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.007 min
Response: 2826331
Conc: 1.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.002 min
Response: 100009492
Conc: 20.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 689078467
Conc: 21.26 ng/ml