

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
 Data File : PD090831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 09:32
 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 28 01:06:44 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...	3.543	2.872	69483538	651.7E6	22.312	21.887
2)	SA Decachlor...	9.060	8.057	99654655	634.6E6	21.303	20.951
Target Compounds							
2)	A alpha-BHC	3.992	3.384	67866154	542.0E6	9.456	10.608
3)	MA gamma-BHC...	4.323	3.720	66462113	503.8E6	9.776	10.662
4)	MA Heptachlor	4.941f	4.071	931643	1168505	0.167	0.026 #
5)	MB Aldrin	0.000	4.357	0	2939287	N.D.	0.063 #
6)	B beta-BHC	4.510	4.016	28300669	214.2E6	10.803	10.800
7)	B delta-BHC	4.769	4.261	1624345	477187	0.240	0.010 #
8)	B Heptachlo...	0.000	4.891f	0	15644028	N.D.	0.367 #
9)	A Endosulfan I	0.000	5.225	0	920530	N.D.	0.023 #
10)	B gamma-Chl...	5.908f	5.113	248240	6166668	0.042	0.137 #
11)	B alpha-Chl...	5.995f	5.186	14749296	1081613	2.387	0.025 #
12)	B 4,4'-DDE	6.187	5.362	575426	5477625	0.108	0.125
13)	MA Dieldrin	6.361f	5.503	666151	753977	0.114	0.017 #
14)	MA Endrin	6.565	5.777	243.5E6	1903.9E6	49.152	47.016
15)	B Endosulfa...	6.799f	6.073	2602767	8253848	0.521	0.220 #
16)	A 4,4'-DDD	6.698	5.917	10293541	98783070	2.539	2.711
17)	MA 4,4'-DDT	7.013	6.170	423.0E6	3528.1E6	102.911	100.593
18)	B Endrin al...	6.908	6.245	2923539	28829833	0.798	1.041 #
19)	B Endosulfa...	0.000	6.476	0	535104	N.D.	0.015 #
20)	A Methoxychlor	7.486	6.740	500.2E6	3354.2E6	235.312	192.460
21)	B Endrin ke...	7.622	6.977	7862263	72004683	1.618	1.909
22)	Mirex	0.000	7.163	0	6300896	N.D.	0.245 #
23)	Chlordane-1	0.000	3.890	0	486790	N.D.	0.391 #
24)	Chlordane-2	0.000	4.476	0	1688565	N.D.	1.294 #
25)	Chlordane-3	0.000	5.113	0	6166668	N.D.	1.585 #
26)	Chlordane-4	0.000	5.186	0	1081613	N.D.	0.324 #
27)	Chlordane-5	0.000	6.073	0	8253848	N.D.	5.592 #

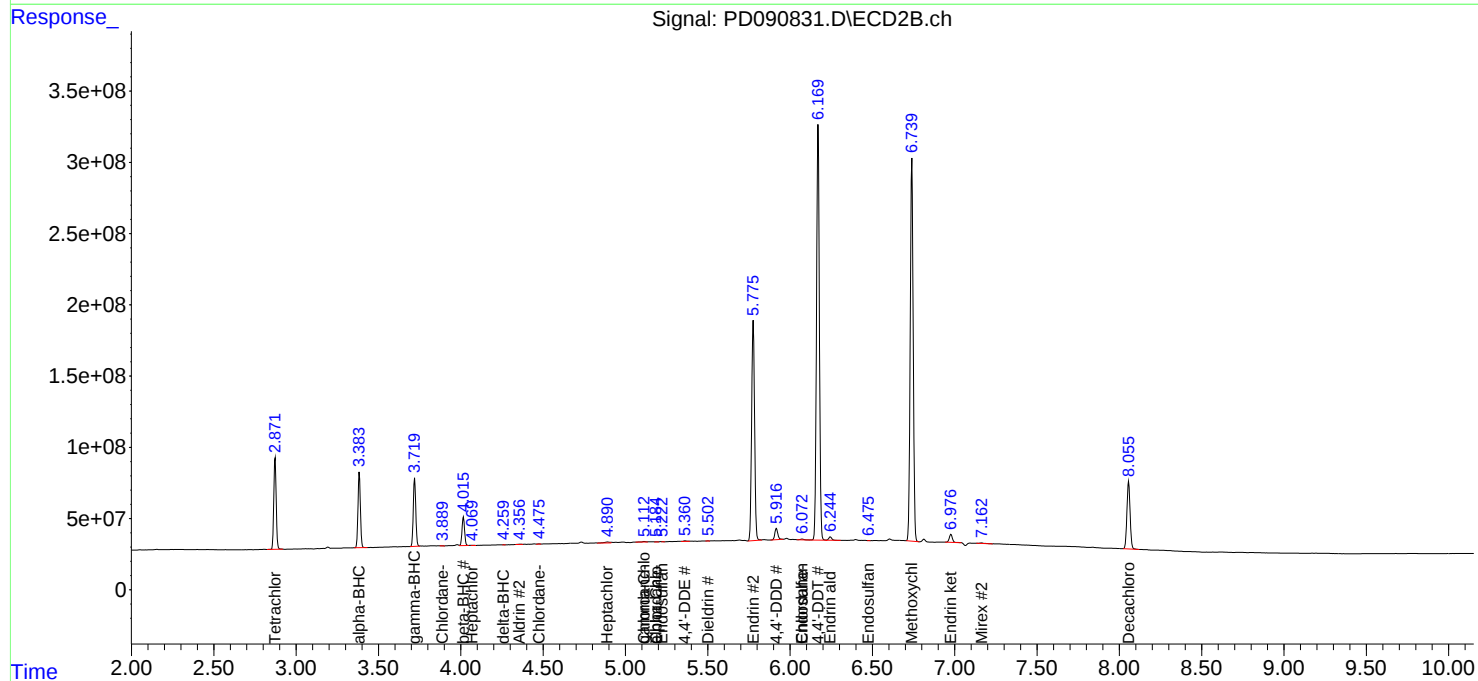
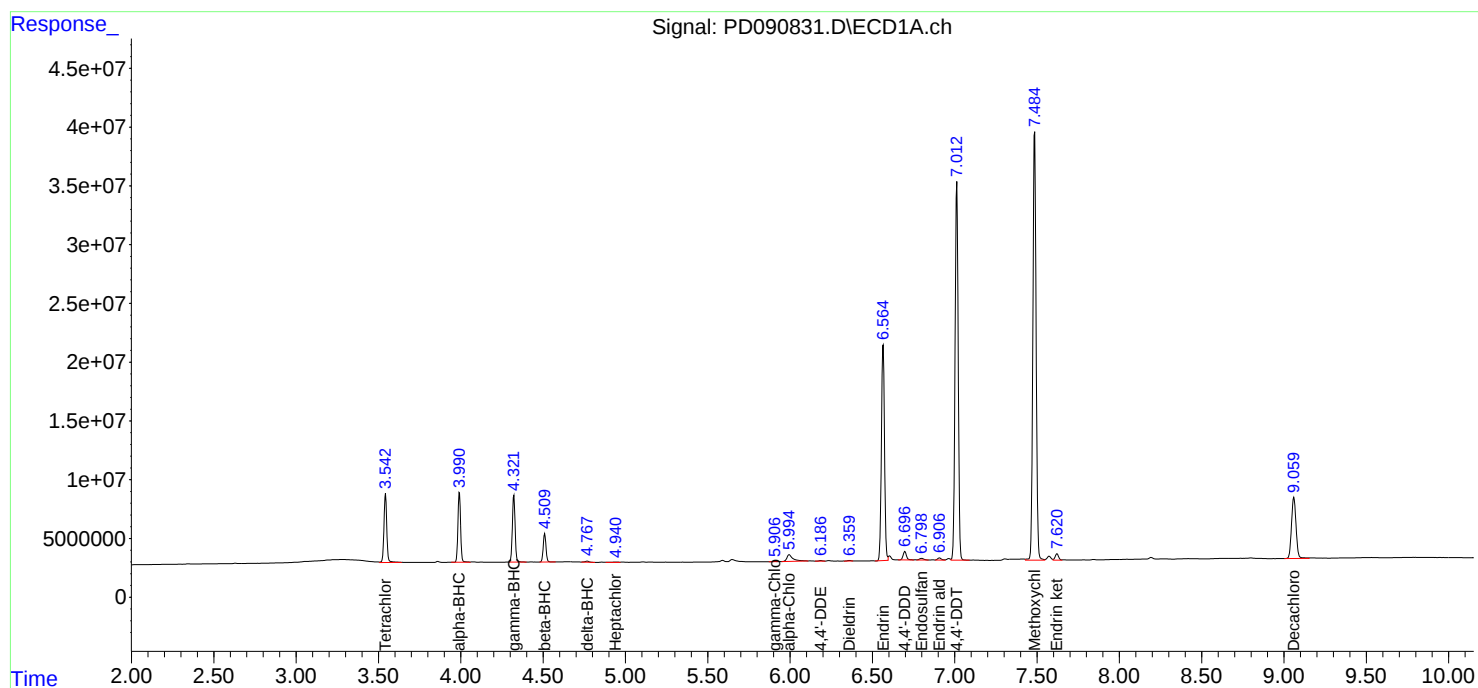
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

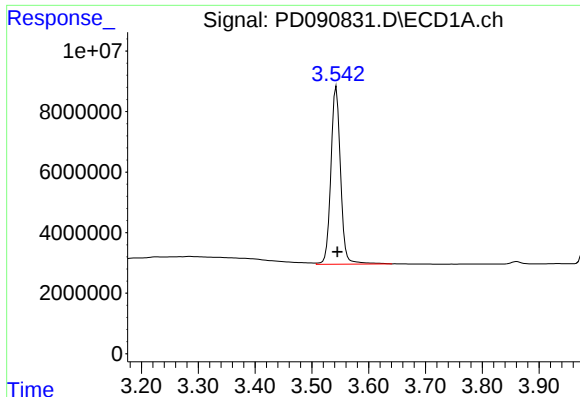
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
Data File : PD090831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
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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

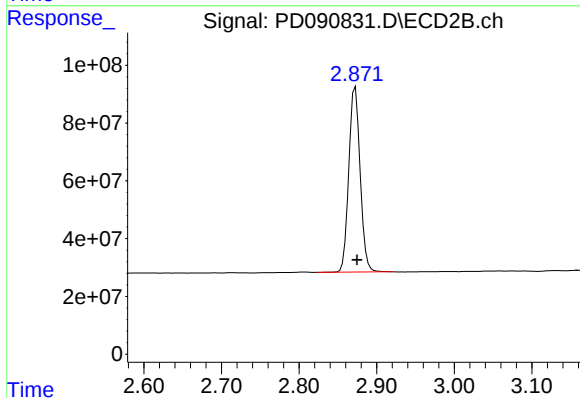




#1 Tetrachloro-m-xylene

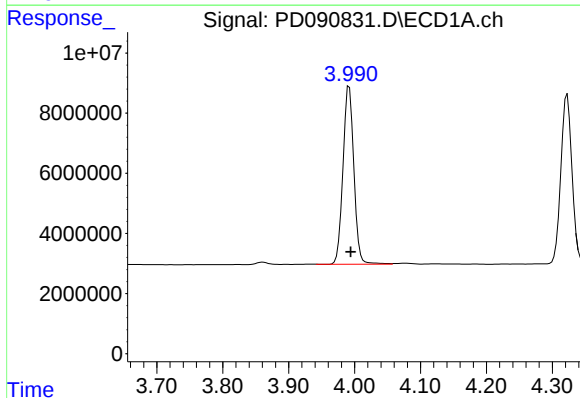
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 69483538
Conc: 22.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



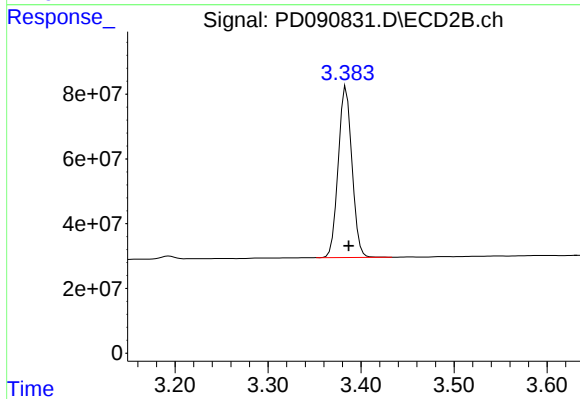
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 651735589
Conc: 21.89 ng/ml



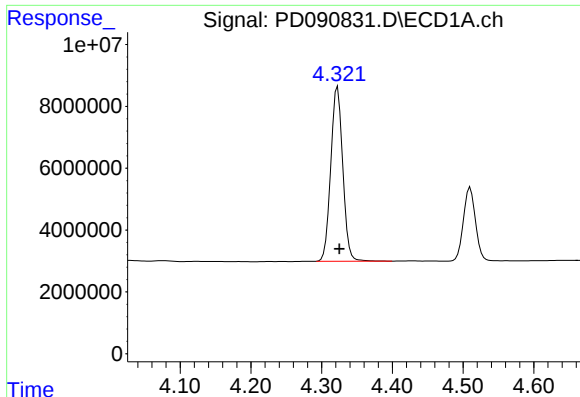
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 67866154
Conc: 9.46 ng/ml



#2 alpha-BHC

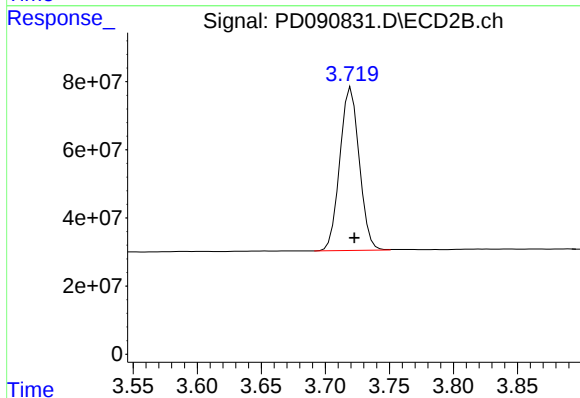
R.T.: 3.384 min
Delta R.T.: -0.002 min
Response: 542044264
Conc: 10.61 ng/ml



#3 gamma-BHC (Lindane)

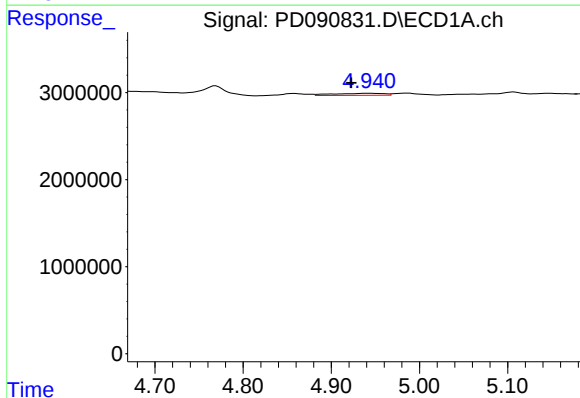
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 66462113
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



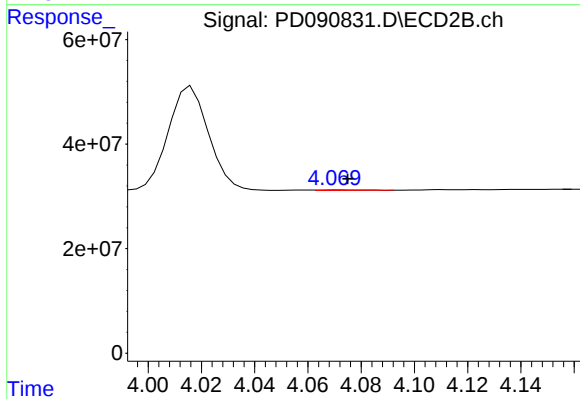
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.003 min
Response: 503773975
Conc: 10.66 ng/ml



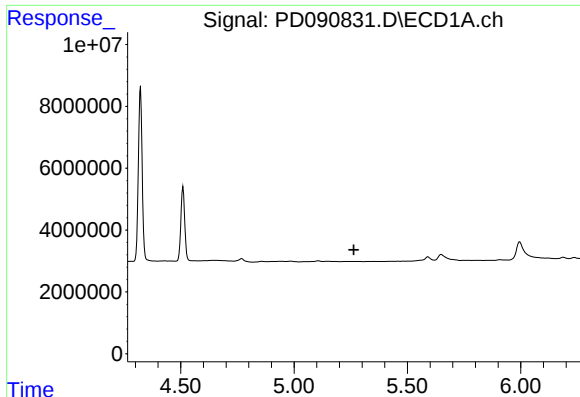
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.019 min
Response: 931643
Conc: 0.17 ng/ml



#4 Heptachlor

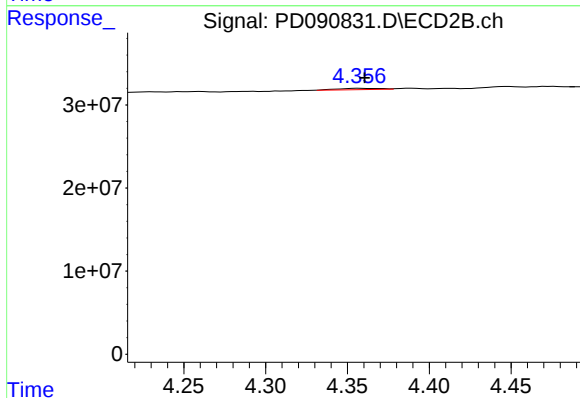
R.T.: 4.071 min
Delta R.T.: -0.004 min
Response: 1168505
Conc: 0.03 ng/ml



#5 Aldrin

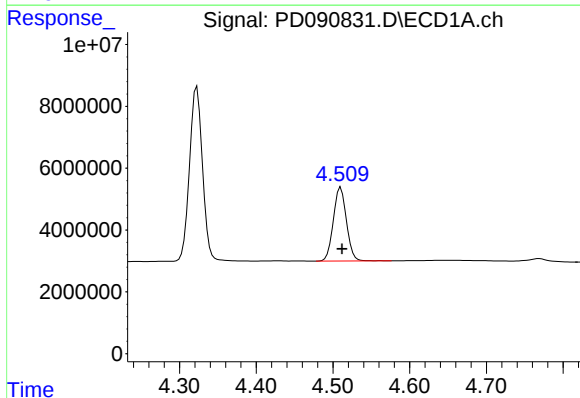
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



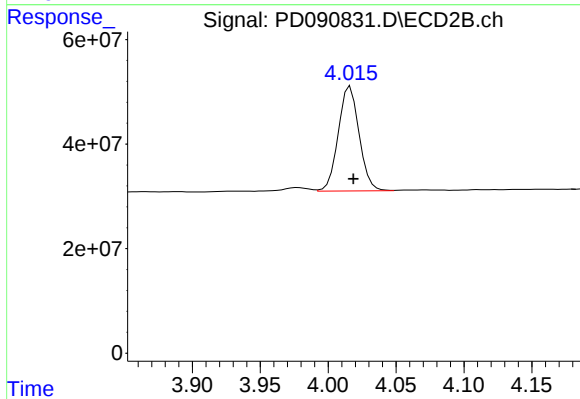
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 2939287
Conc: 0.06 ng/ml



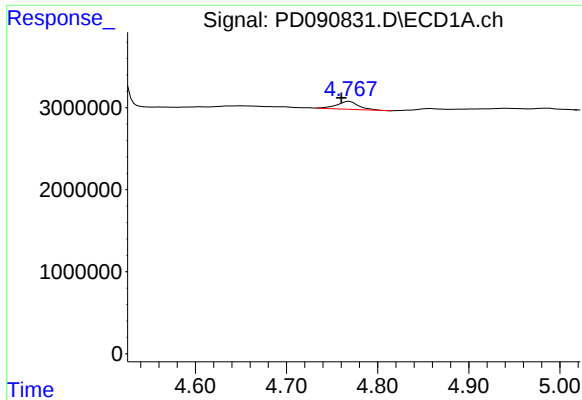
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 28300669
Conc: 10.80 ng/ml



#6 beta-BHC

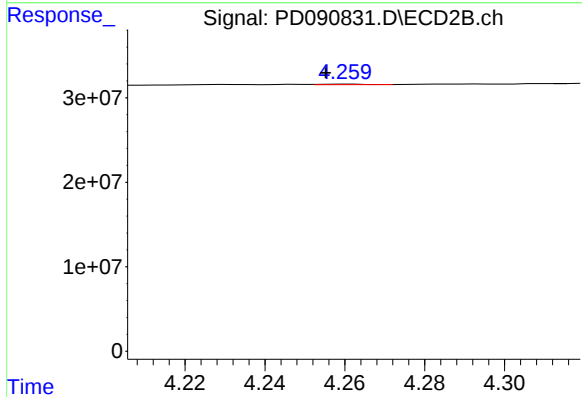
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 214165573
Conc: 10.80 ng/ml



#7 delta-BHC

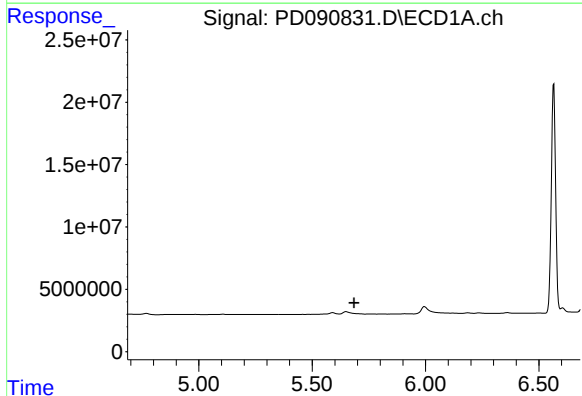
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 1624345
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



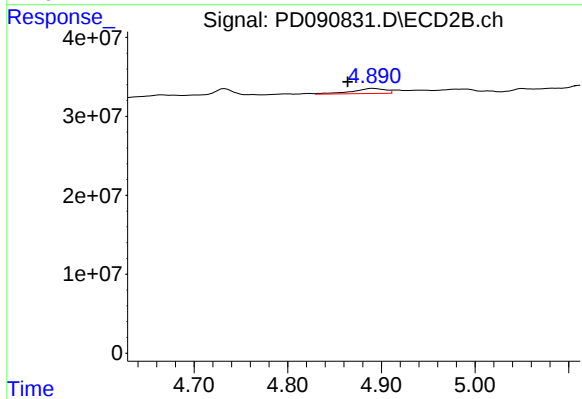
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.006 min
Response: 477187
Conc: 0.01 ng/ml



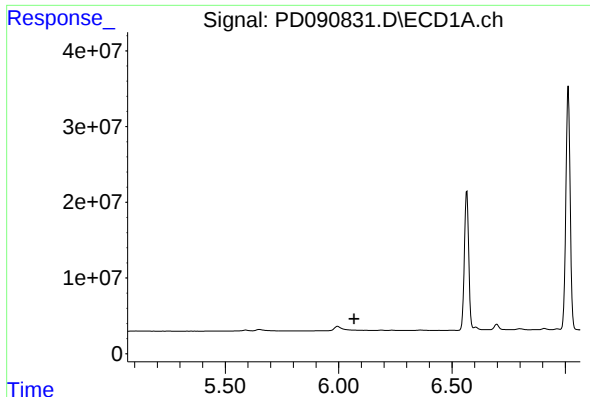
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

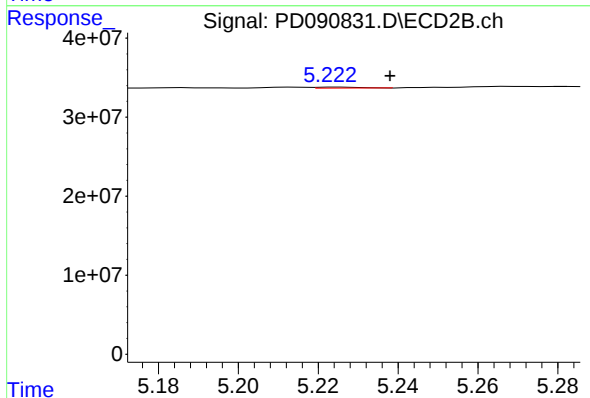
R.T.: 4.891 min
Delta R.T.: 0.027 min
Response: 15644028
Conc: 0.37 ng/ml



#9 Endosulfan I

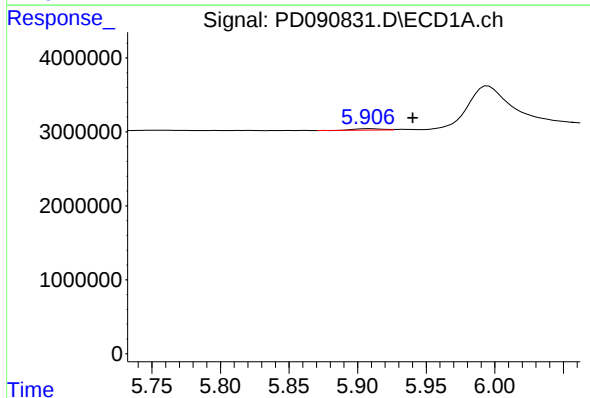
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



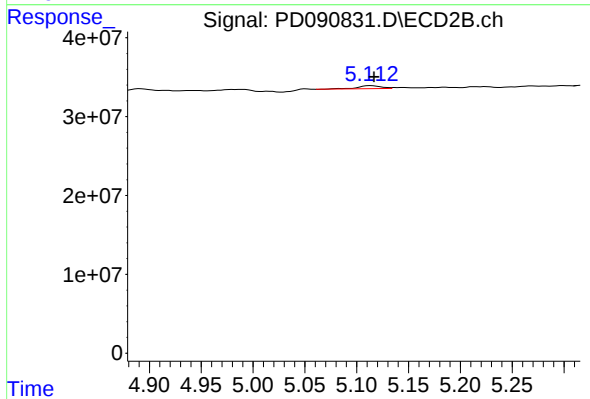
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.013 min
Response: 920530
Conc: 0.02 ng/ml



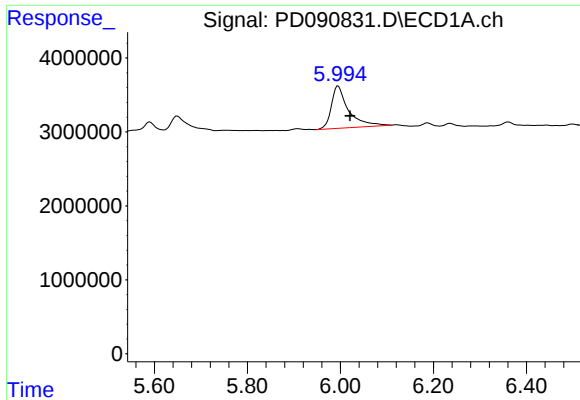
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.032 min
Response: 248240
Conc: 0.04 ng/ml



#10 gamma-Chlordane

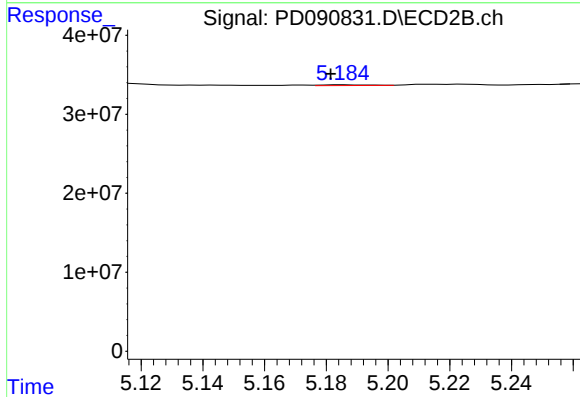
R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 6166668
Conc: 0.14 ng/ml



#11 alpha-Chlordane

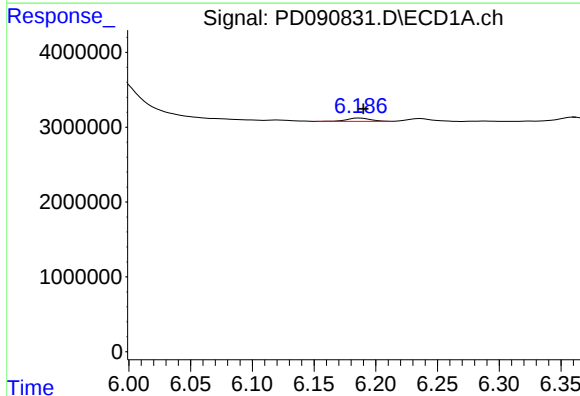
R.T.: 5.995 min
Delta R.T.: -0.025 min
Response: 14749296
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



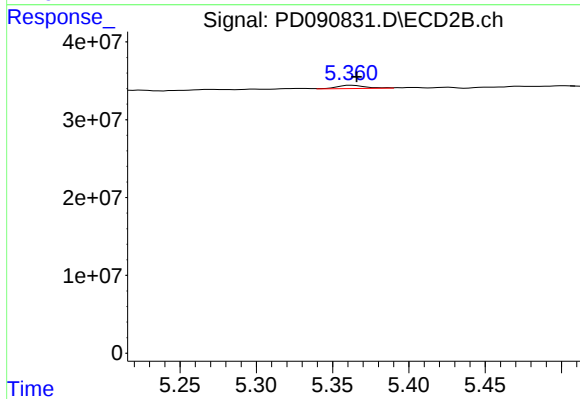
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 1081613
Conc: 0.03 ng/ml



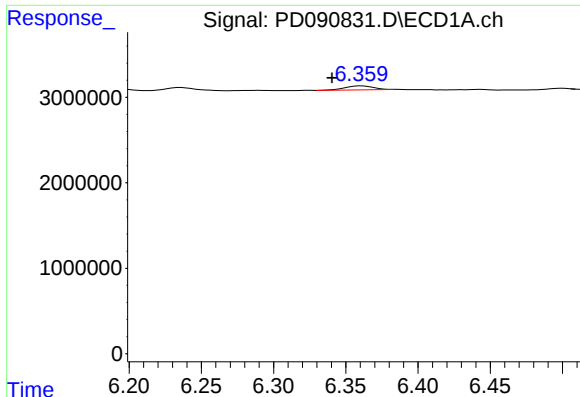
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 575426
Conc: 0.11 ng/ml



#12 4,4'-DDE

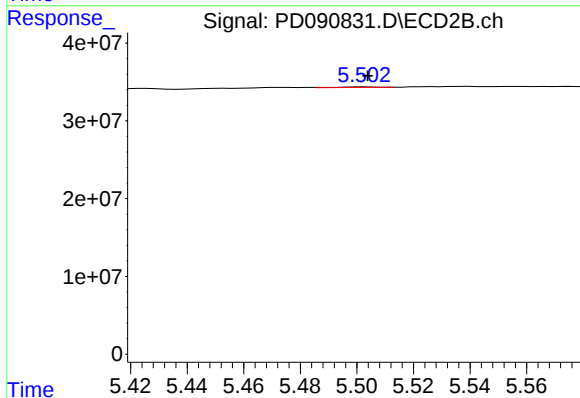
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 5477625
Conc: 0.12 ng/ml



#13 Dieldrin

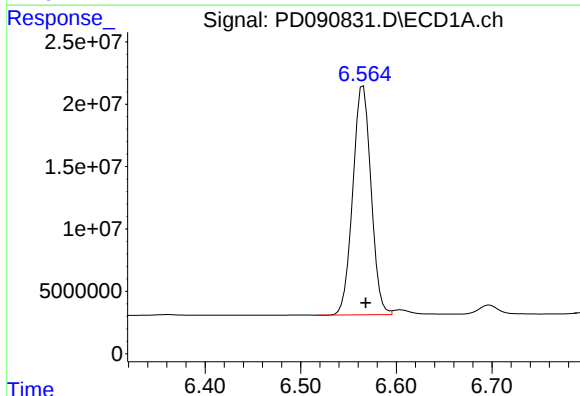
R.T.: 6.361 min
Delta R.T.: 0.021 min
Response: 666151
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



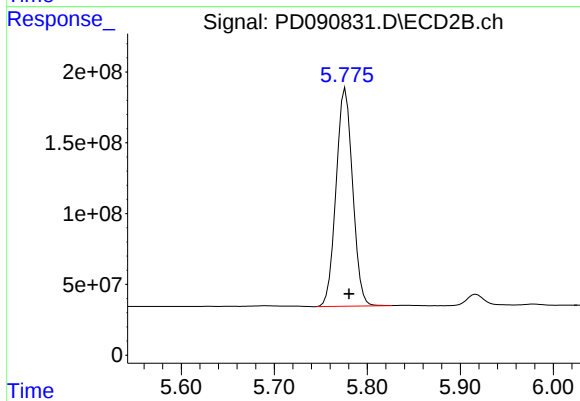
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 753977
Conc: 0.02 ng/ml



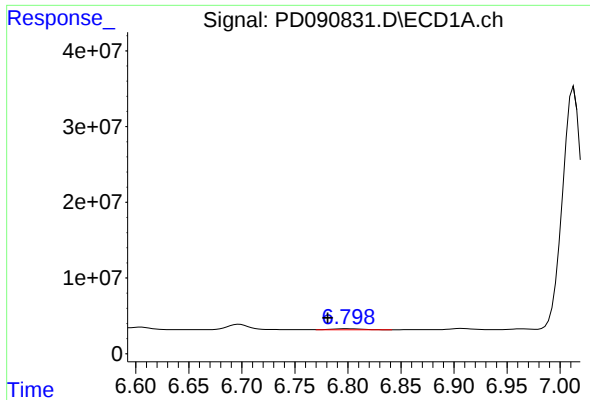
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.003 min
Response: 243482717
Conc: 49.15 ng/ml



#14 Endrin

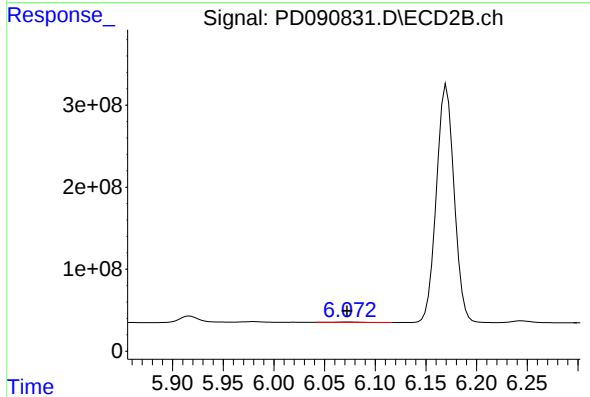
R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 1903869218
Conc: 47.02 ng/ml



#15 Endosulfan II

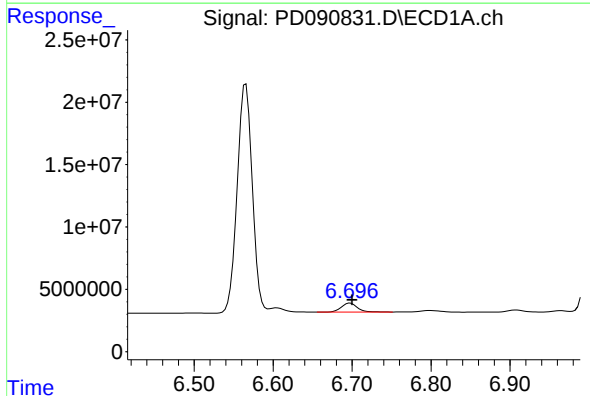
R.T.: 6.799 min
Delta R.T.: 0.018 min
Response: 2602767
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



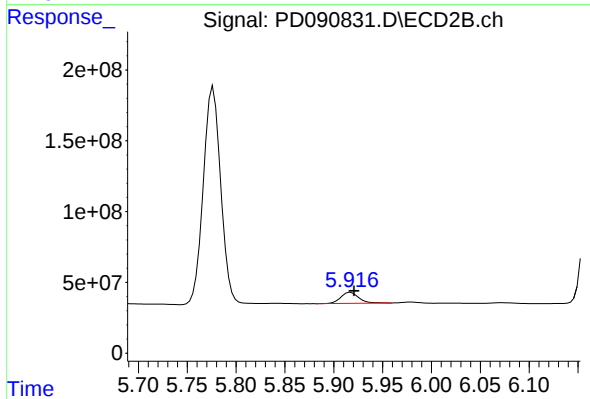
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.001 min
Response: 8253848
Conc: 0.22 ng/ml



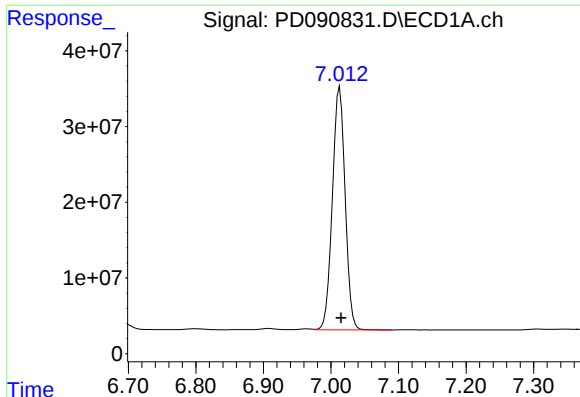
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 10293541
Conc: 2.54 ng/ml



#16 4,4'-DDD

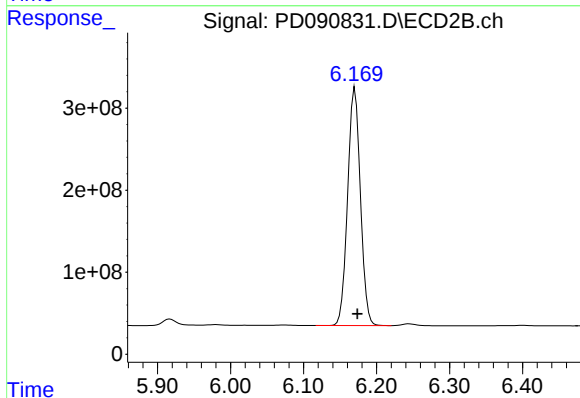
R.T.: 5.917 min
Delta R.T.: -0.004 min
Response: 98783070
Conc: 2.71 ng/ml



#17 4,4'-DDT

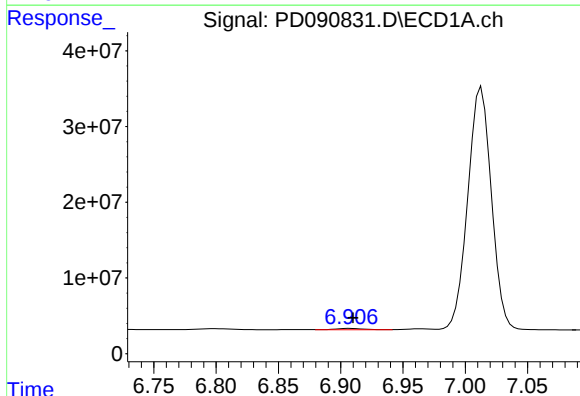
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 423011031
Conc: 102.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



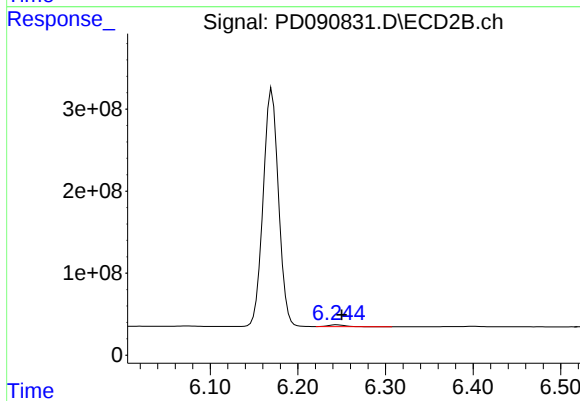
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 3528112029
Conc: 100.59 ng/ml



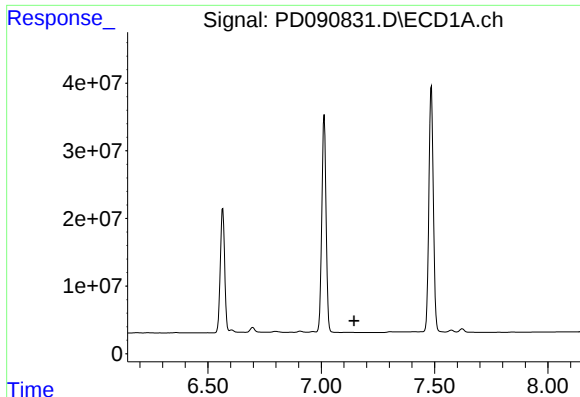
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 2923539
Conc: 0.80 ng/ml



#18 Endrin aldehyde

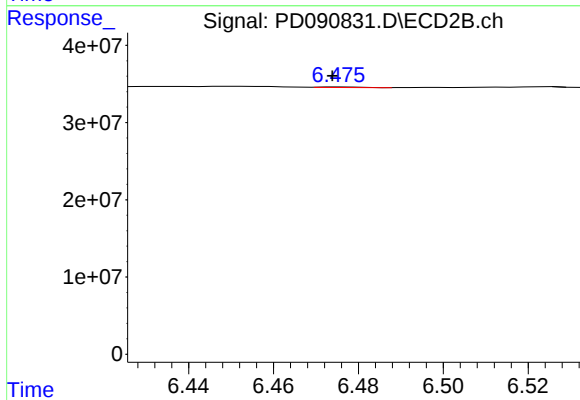
R.T.: 6.245 min
Delta R.T.: -0.005 min
Response: 28829833
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

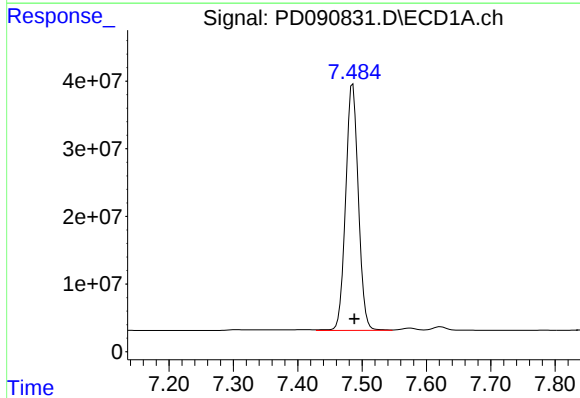
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



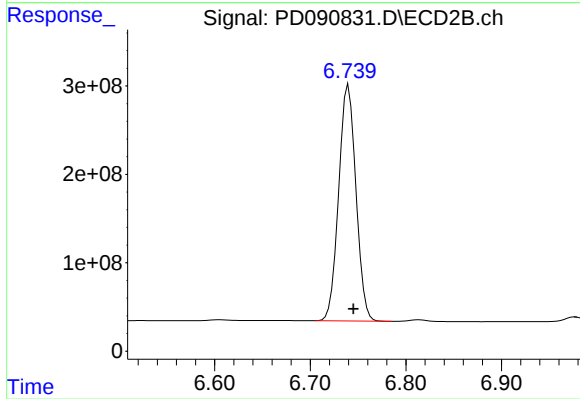
#19 Endosulfan Sulfate

R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 535104
Conc: 0.01 ng/ml



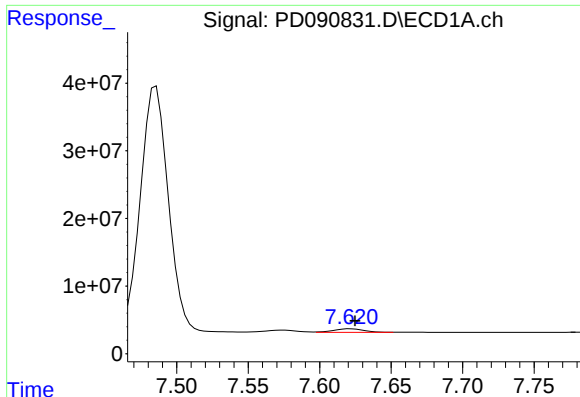
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 500176436
Conc: 235.31 ng/ml



#20 Methoxychlor

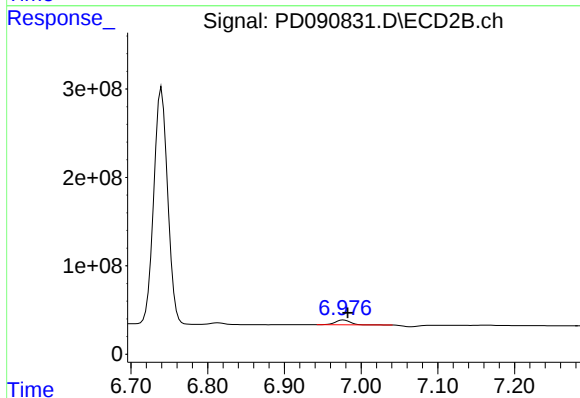
R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 3354157838
Conc: 192.46 ng/ml



#21 Endrin ketone

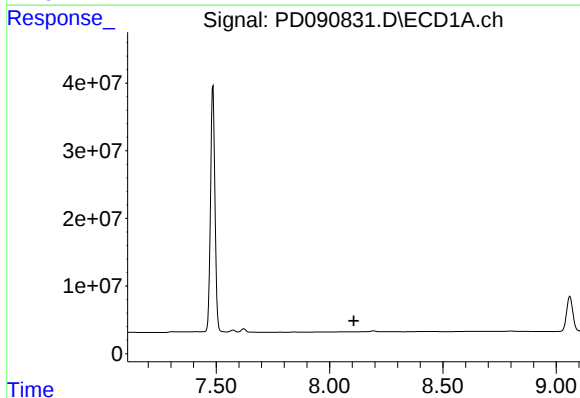
R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 7862263
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



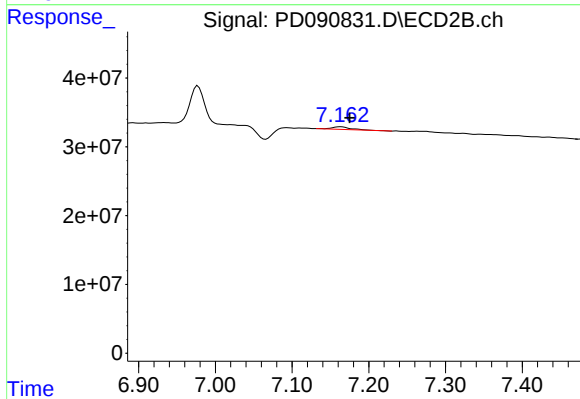
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 72004683
Conc: 1.91 ng/ml



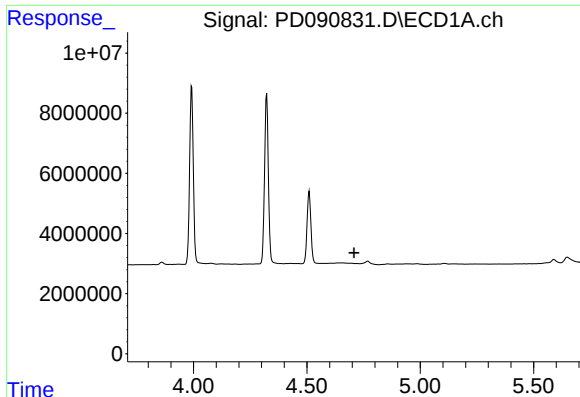
#22 Mirex

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



#22 Mirex

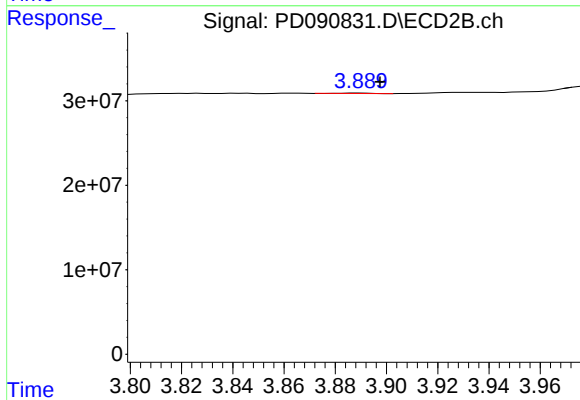
R.T.: 7.163 min
Delta R.T.: -0.012 min
Response: 6300896
Conc: 0.25 ng/ml



#23 Chlordane-1

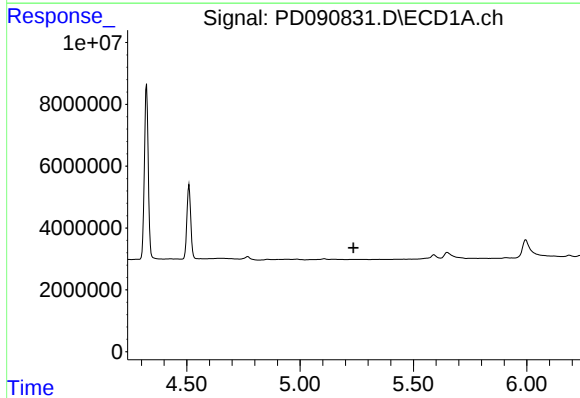
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



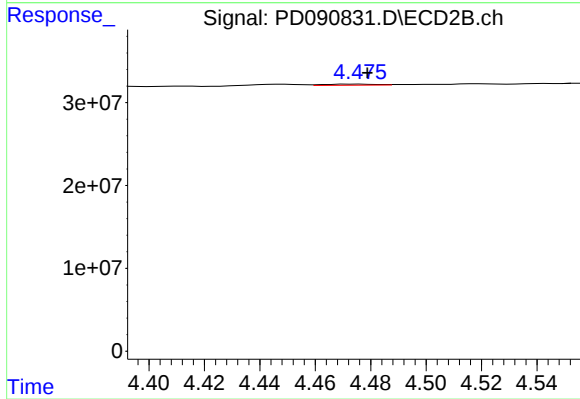
#23 Chlordane-1

R.T.: 3.890 min
Delta R.T.: -0.008 min
Response: 486790
Conc: 0.39 ng/ml



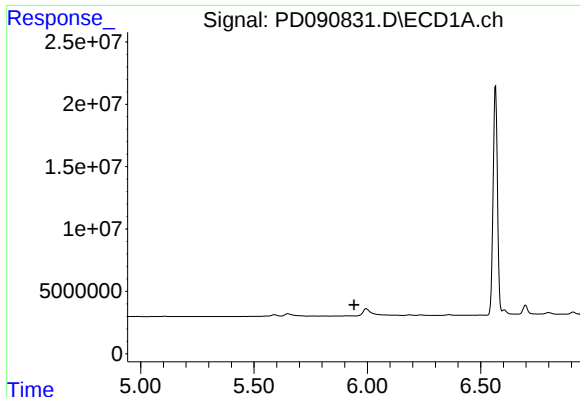
#24 Chlordane-2

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



#24 Chlordane-2

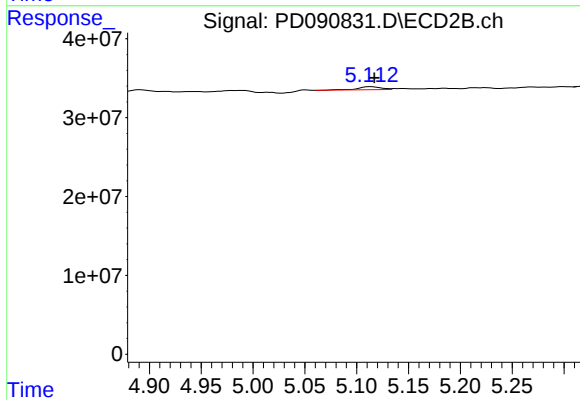
R.T.: 4.476 min
Delta R.T.: -0.003 min
Response: 1688565
Conc: 1.29 ng/ml



#25 Chlordane-3

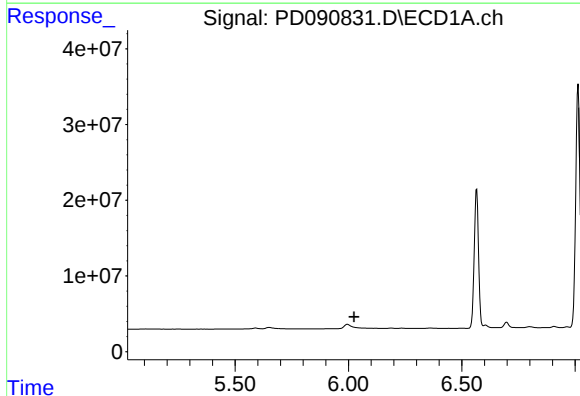
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



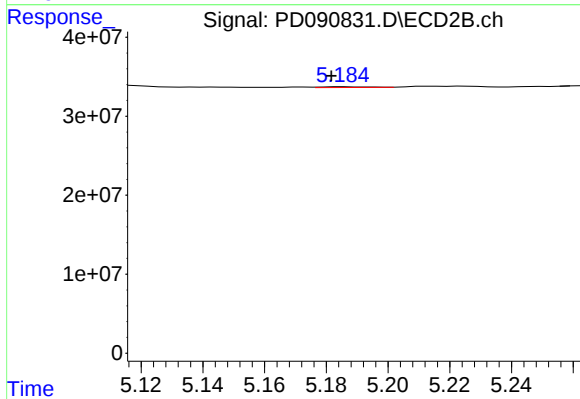
#25 Chlordane-3

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 6166668
Conc: 1.58 ng/ml



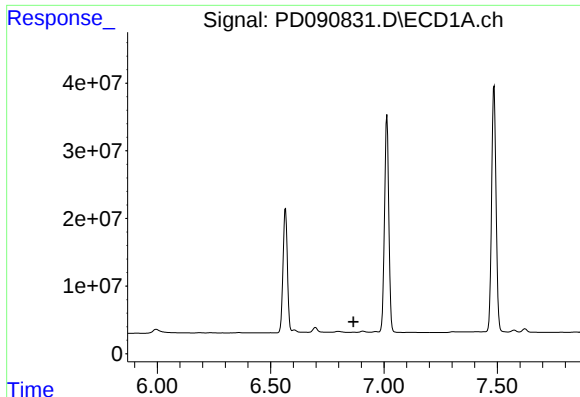
#26 Chlordane-4

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



#26 Chlordane-4

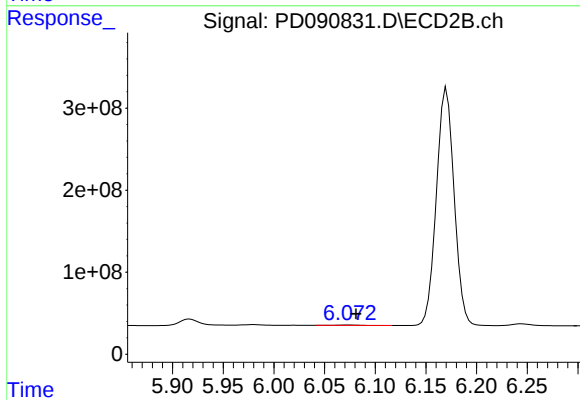
R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 1081613
Conc: 0.32 ng/ml



#27 Chlordane-5

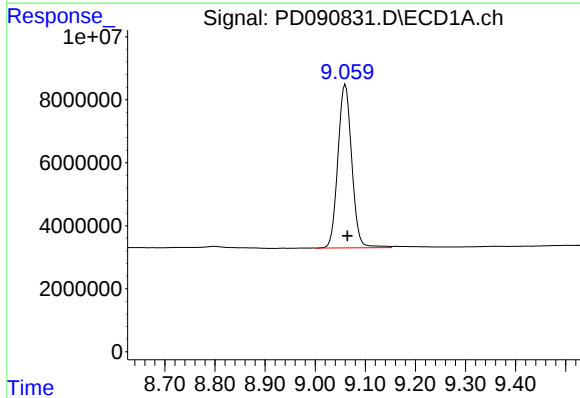
R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



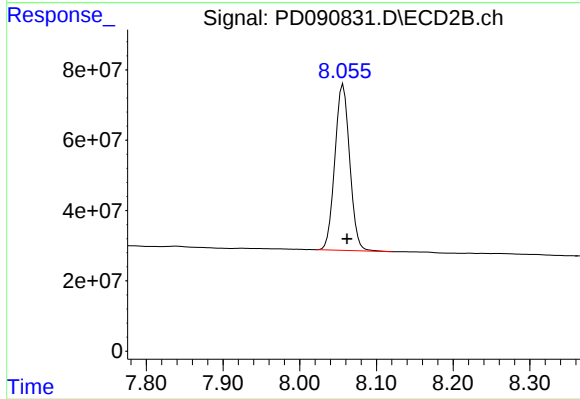
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.008 min
Response: 8253848
Conc: 5.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.004 min
Response: 99654655
Conc: 21.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 634631819
Conc: 20.95 ng/ml