

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 09:41
 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: May 13 12:06:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	2.881	47263112	327.5E6	23.662	22.398
28)	SA Decachlor...	9.074	8.073	78502399	385.3E6	23.730	20.847
Target Compounds							
2)	A alpha-BHC	4.000	3.394	46551953	265.9E6	10.796	11.632
3)	MA gamma-BHC...	4.331	3.730	46855378	248.5E6	11.189	11.539
4)	MA Heptachlor	0.000	4.082	0	1382484	N.D.	0.065 #
5)	MB Aldrin	0.000	4.363	0	3183695	N.D.	0.153 #
6)	B beta-BHC	4.516	4.026	19897245	111.3E6	12.257	12.027
7)	B delta-BHC	4.778	4.249f	3848717	283940	0.933	0.013 #
8)	B Heptachlo...	5.682	4.876	2152680	91551	0.602	0.005 #
9)	A Endosulfan I	6.068	5.234f	224065	3520017	0.066	0.195 #
10)	B gamma-Chl...	5.946	5.128	5047104	7764624	1.393	0.383 #
11)	B alpha-Chl...	6.034	5.191	1705189	7585547	0.472	0.387
12)	B 4,4'-DDE	6.201	5.380	31336	5312894	0.010	0.270 #
13)	MA Dieldrin	6.363	5.516	275535	233254	0.077	0.012 #
14)	MA Endrin	6.575	5.790	177.2E6	941.1E6	59.427	51.699
15)	B Endosulfa...	6.771f	6.087	2293422	1821391	0.734	0.104 #
16)	A 4,4'-DDD	6.705	5.931	4335330	26170683	1.724	1.597
17)	MA 4,4'-DDT	7.021	6.185	332.1E6	1699.4E6	119.584	99.868
18)	B Endrin al...	6.917	6.259	1009509	12256262	0.437	0.921 #
19)	B Endosulfa...	0.000	6.461f	0	751258	N.D.	0.044 #
20)	A Methoxychlor	7.494	6.755	406.3E6	1826.2E6	270.965	200.217 #
21)	B Endrin ke...	7.630	6.992	2339247	24535458	0.758	1.312 #
22)	Mirex	0.000	7.177	0	3233711	N.D.	0.218 #
23)	Chlordane-1	0.000	3.902	0	932182	N.D.	1.163 #
24)	Chlordane-2	0.000	4.489	0	11533827	N.D.	13.975 #
25)	Chlordane-3	5.946	5.128	5047104	7764624	7.482	3.070 #
26)	Chlordane-4	6.034	5.191	1705189	7585547	2.091	3.548 #
27)	Chlordane-5	6.867	6.087	239580	1821391	1.763	1.886

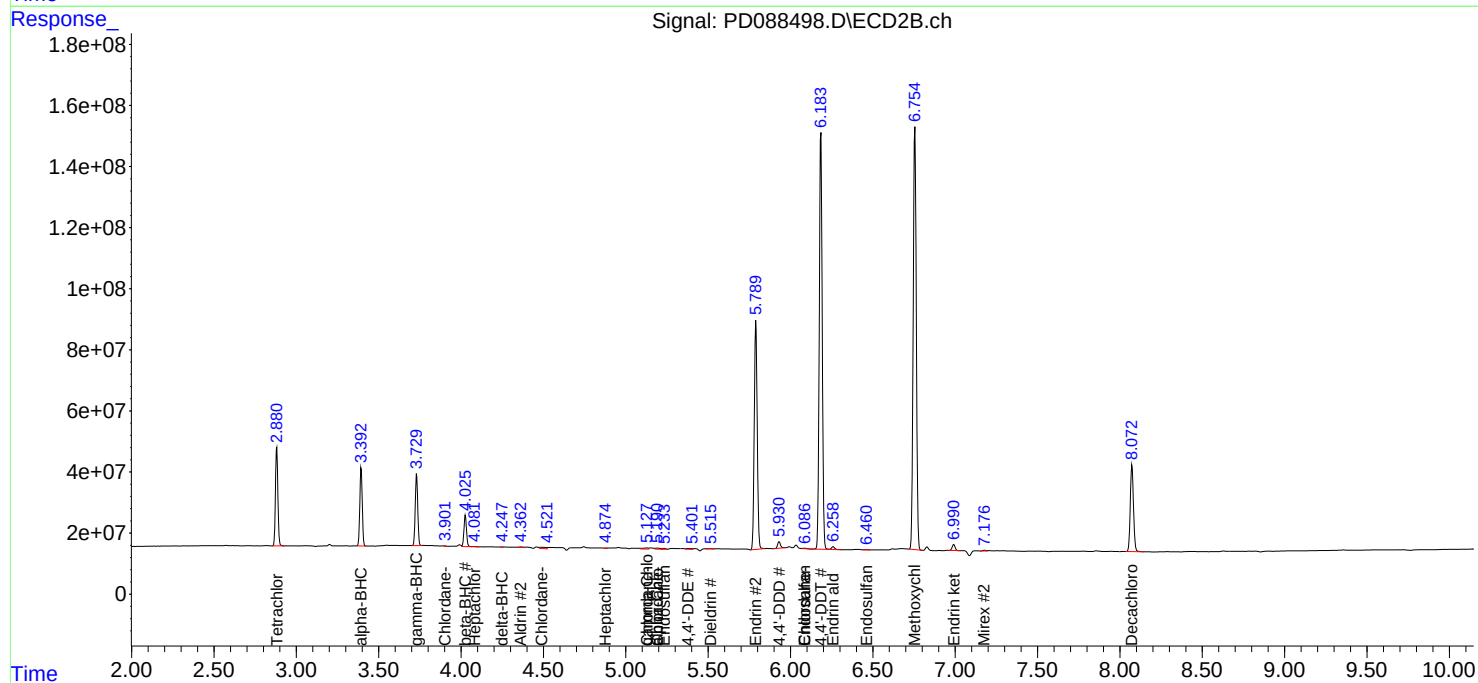
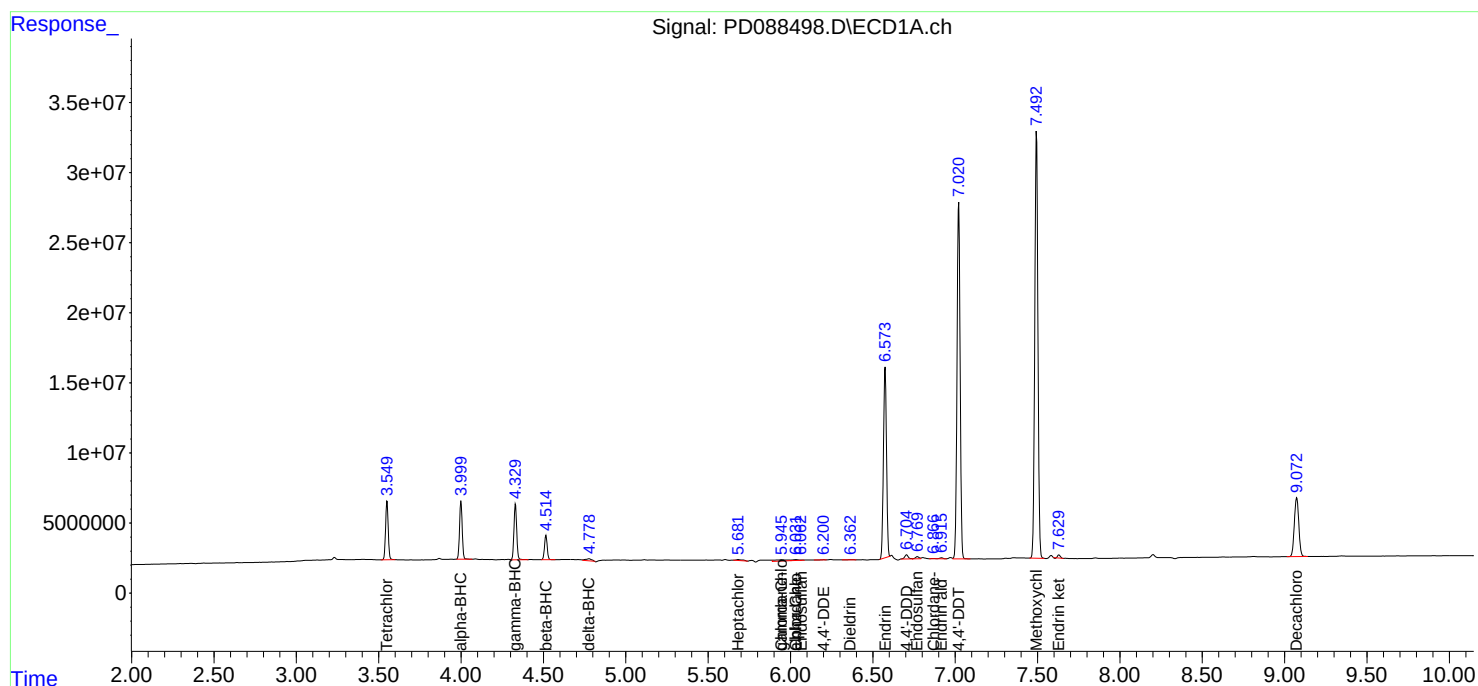
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

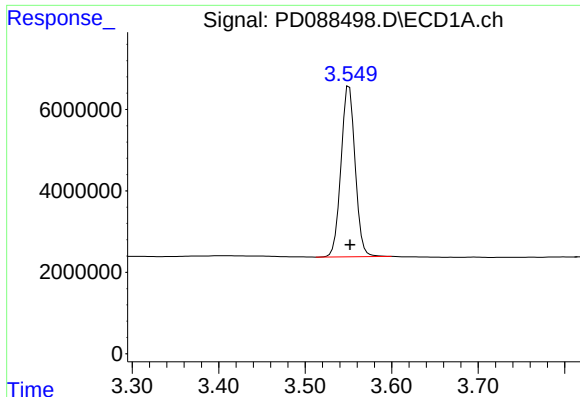
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
Data File : PD088498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 09:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 12:06:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

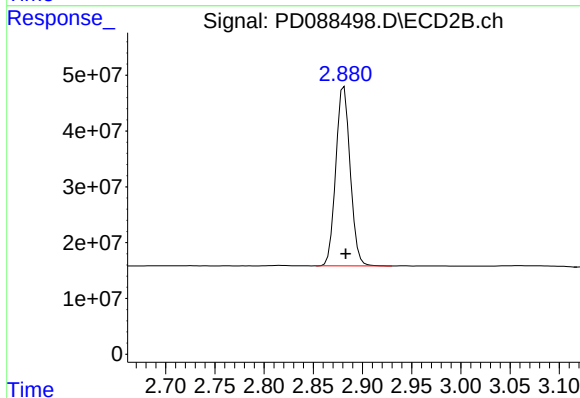




#1 Tetrachloro-m-xylene

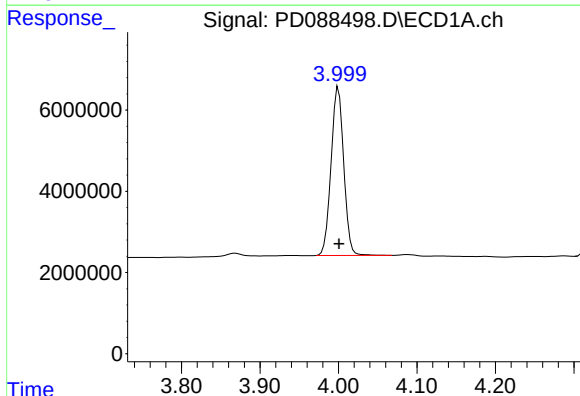
R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 47263112
Conc: 23.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



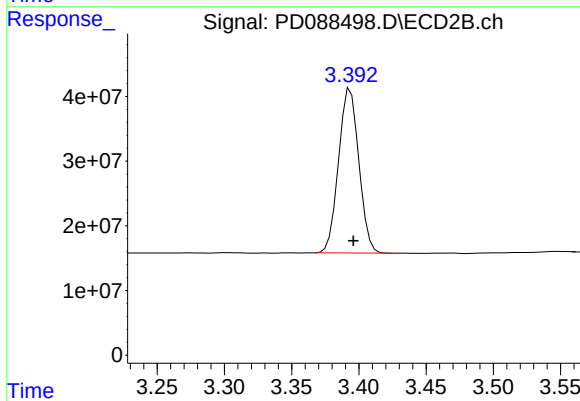
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 327493996
Conc: 22.40 ng/ml



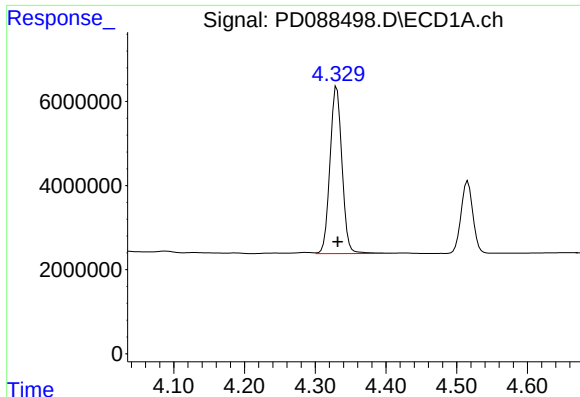
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 46551953
Conc: 10.80 ng/ml



#2 alpha-BHC

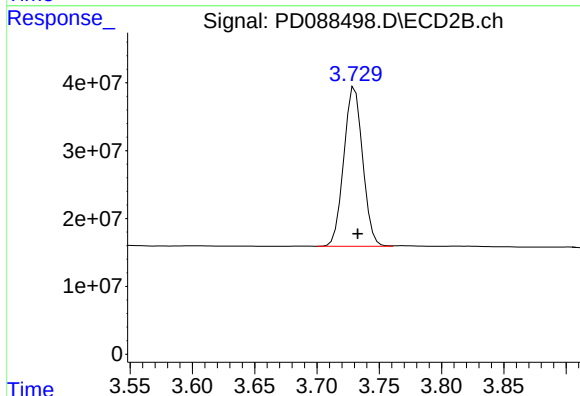
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 265932482
Conc: 11.63 ng/ml



#3 gamma-BHC (Lindane)

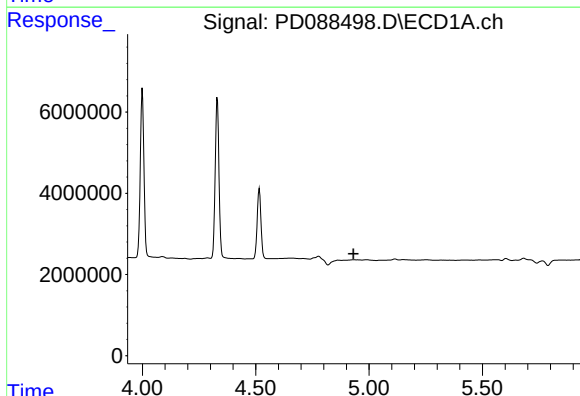
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 46855378
Conc: 11.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



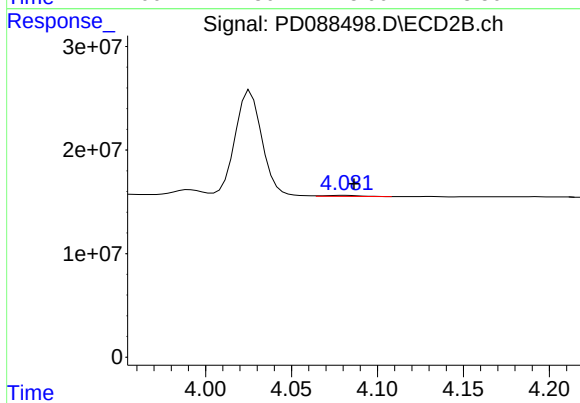
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 248541561
Conc: 11.54 ng/ml



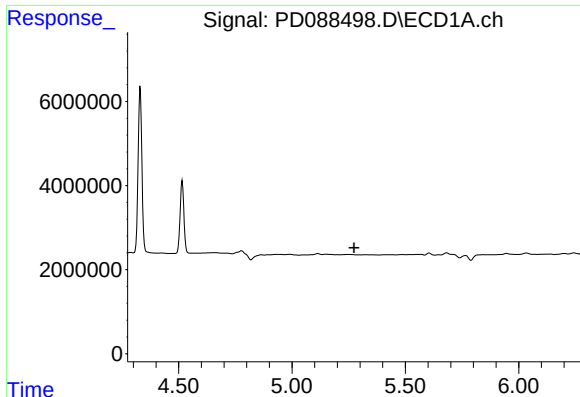
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.004 min
Response: 1382484
Conc: 0.06 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

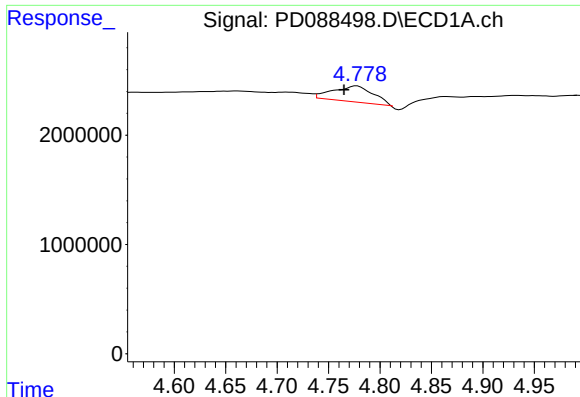
R.T.: 4.363 min
Delta R.T.: -0.009 min
Response: 3183695
Conc: 0.15 ng/ml

#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19897245
Conc: 12.26 ng/ml

#6 beta-BHC

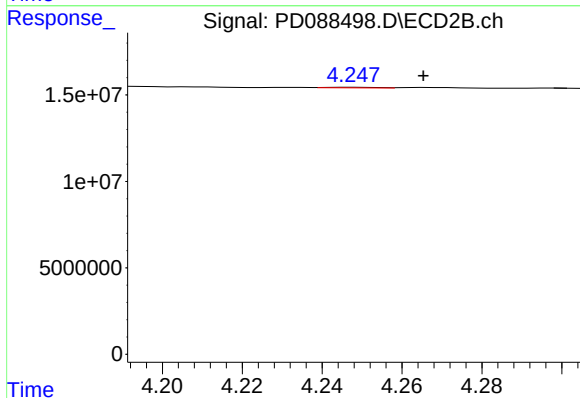
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 111296685
Conc: 12.03 ng/ml



#7 delta-BHC

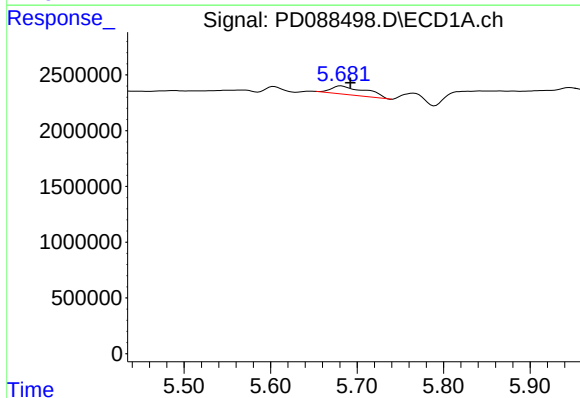
R.T.: 4.778 min
Delta R.T.: 0.012 min
Response: 3848717
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



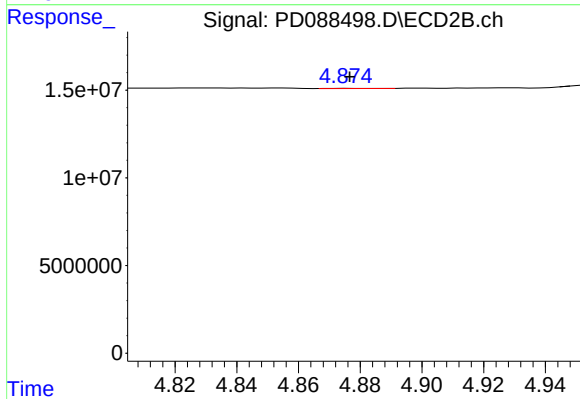
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.017 min
Response: 283940
Conc: 0.01 ng/ml



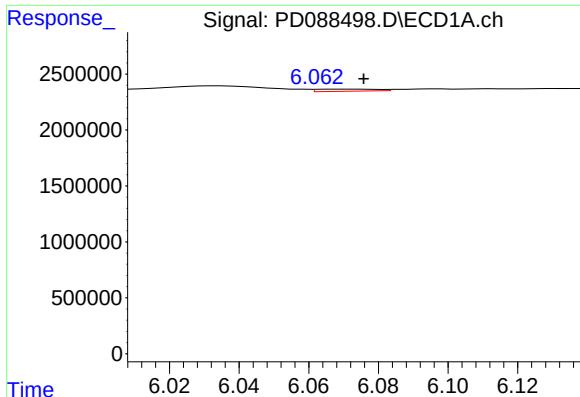
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.011 min
Response: 2152680
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

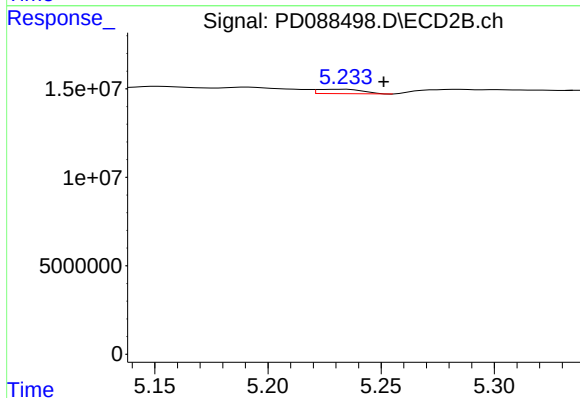
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 91551
Conc: 0.00 ng/ml



#9 Endosulfan I

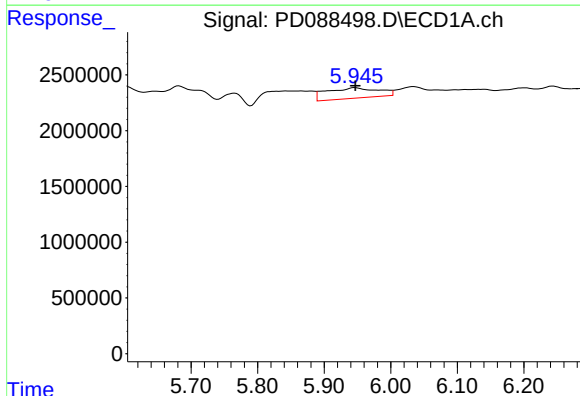
R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 224065
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



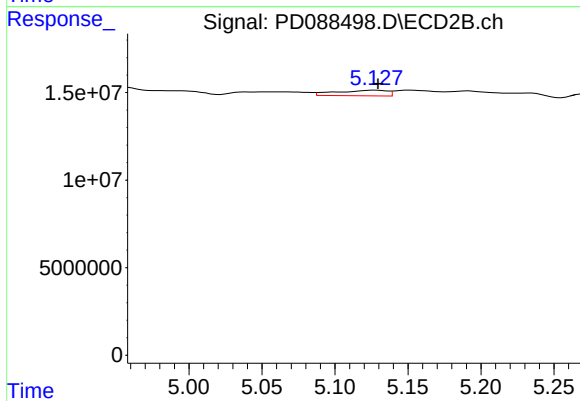
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.017 min
Response: 3520017
Conc: 0.20 ng/ml



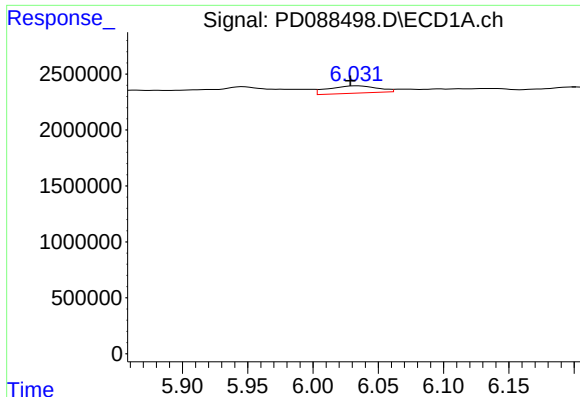
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 5047104
Conc: 1.39 ng/ml



#10 gamma-Chlordane

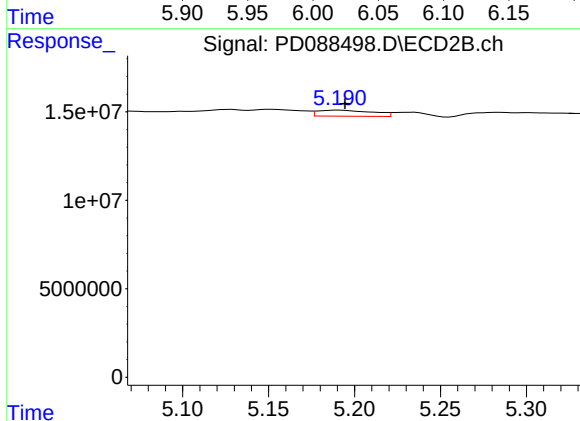
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 7764624
Conc: 0.38 ng/ml



#11 alpha-Chlordane

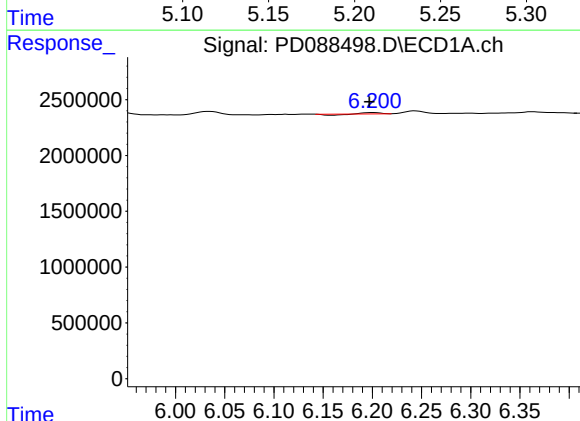
R.T.: 6.034 min
Delta R.T.: 0.006 min
Response: 1705189
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



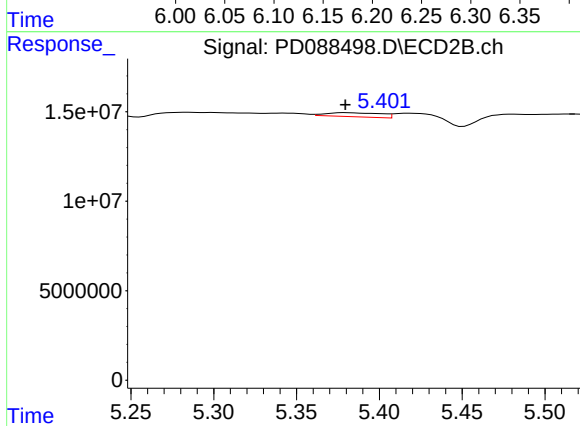
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 7585547
Conc: 0.39 ng/ml



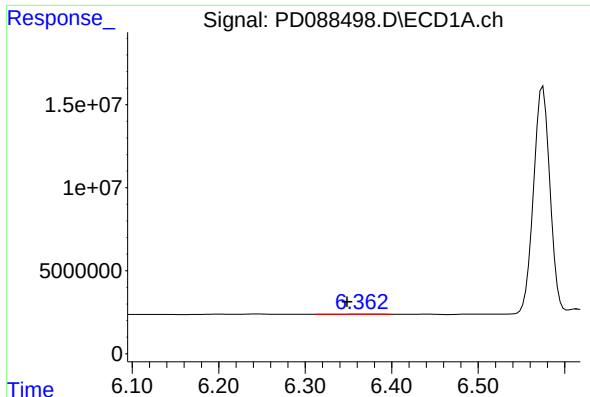
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.004 min
Response: 31336
Conc: 0.01 ng/ml



#12 4,4'-DDE

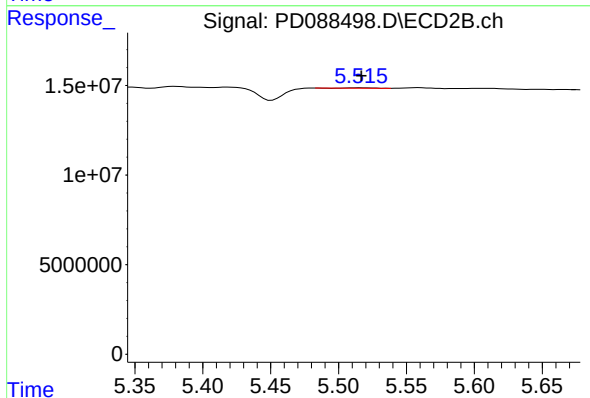
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 5312894
Conc: 0.27 ng/ml



#13 Dieldrin

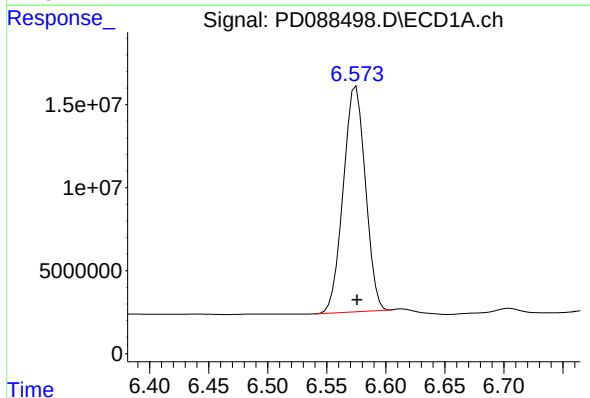
R.T.: 6.363 min
Delta R.T.: 0.015 min
Response: 275535
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



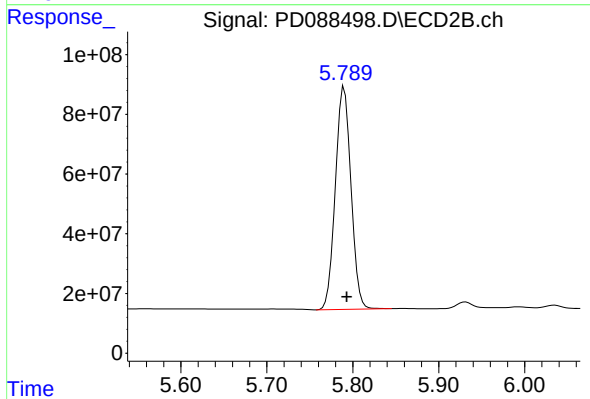
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 233254
Conc: 0.01 ng/ml



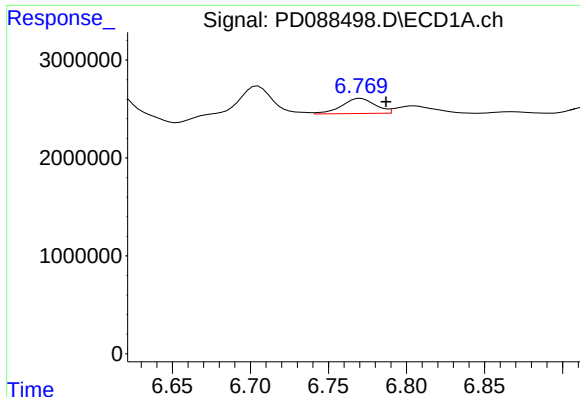
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 177244119
Conc: 59.43 ng/ml



#14 Endrin

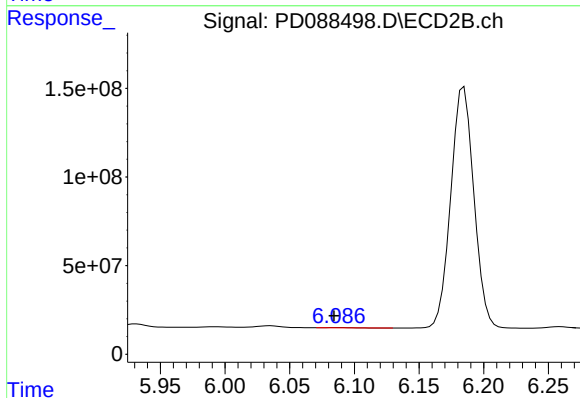
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 941050923
Conc: 51.70 ng/ml



#15 Endosulfan II

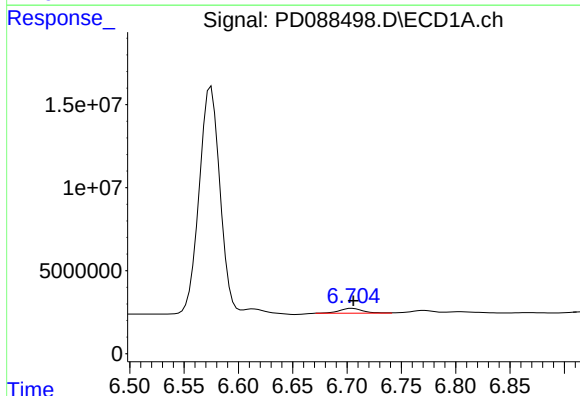
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 2293422
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



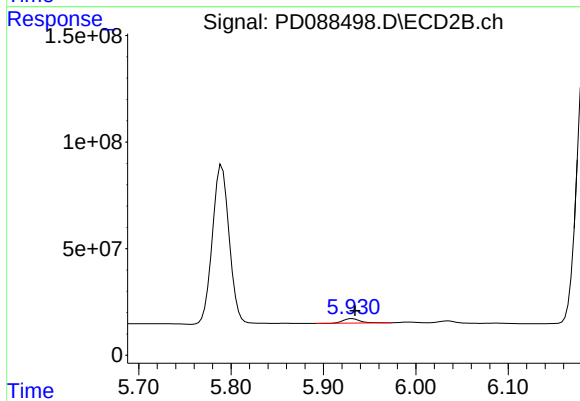
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.003 min
Response: 1821391
Conc: 0.10 ng/ml



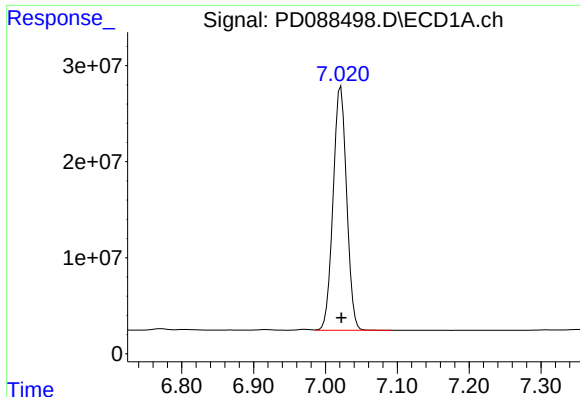
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 4335330
Conc: 1.72 ng/ml



#16 4,4'-DDD

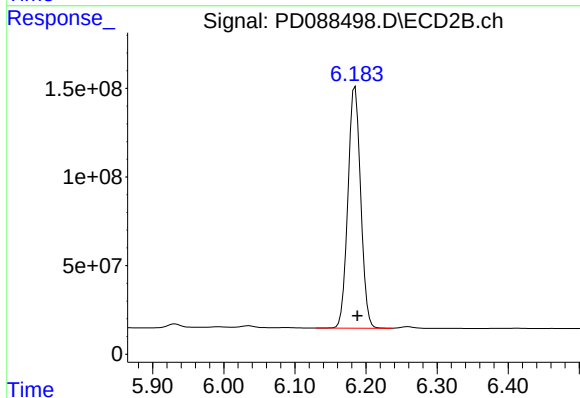
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 26170683
Conc: 1.60 ng/ml



#17 4,4'-DDT

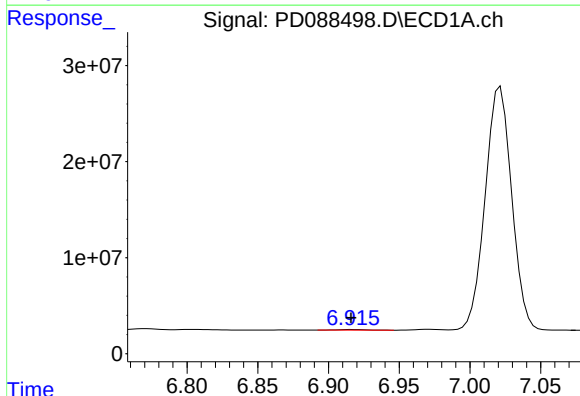
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 332149557
Conc: 119.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



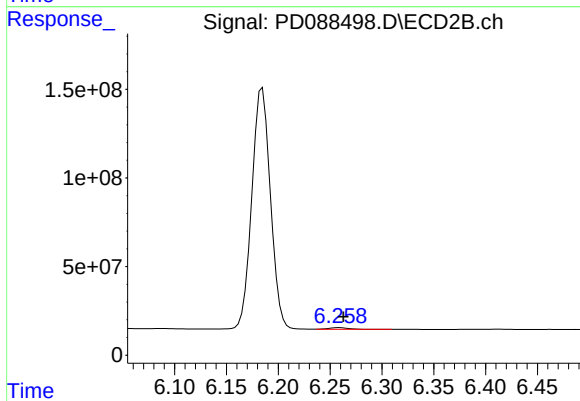
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 1699406352
Conc: 99.87 ng/ml



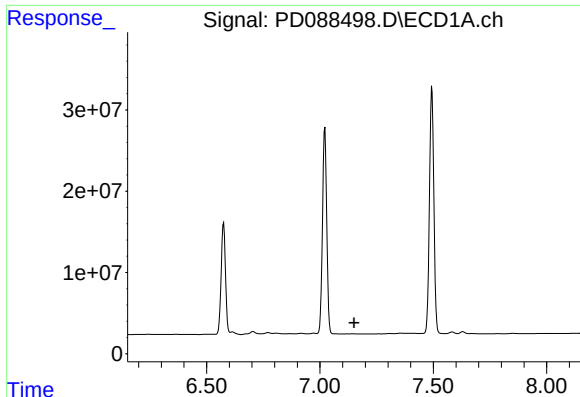
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1009509
Conc: 0.44 ng/ml



#18 Endrin aldehyde

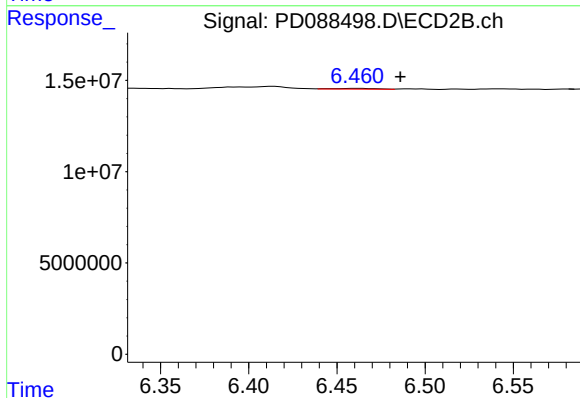
R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 12256262
Conc: 0.92 ng/ml



#19 Endosulfan Sulfate

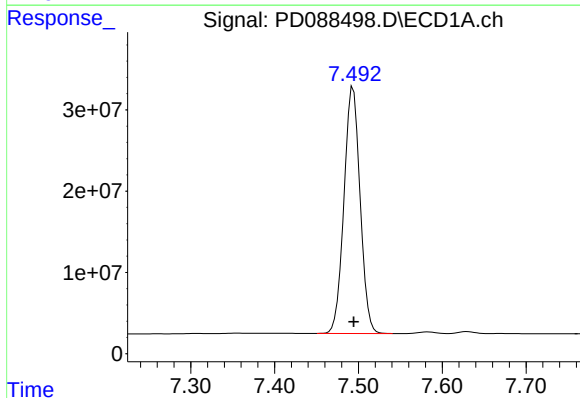
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



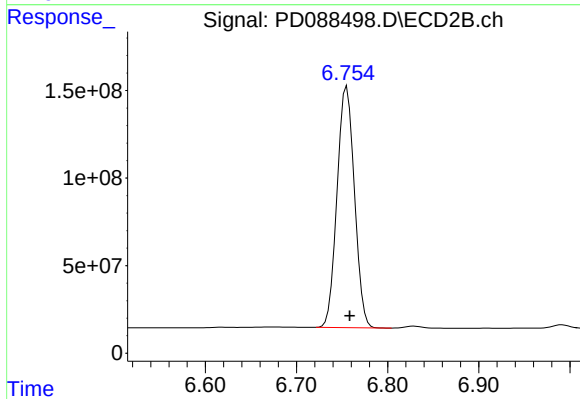
#19 Endosulfan Sulfate

R.T.: 6.461 min
Delta R.T.: -0.025 min
Response: 751258
Conc: 0.04 ng/ml



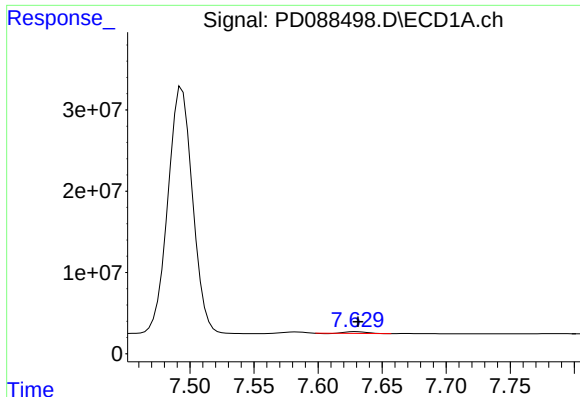
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 406324878
Conc: 270.97 ng/ml



#20 Methoxychlor

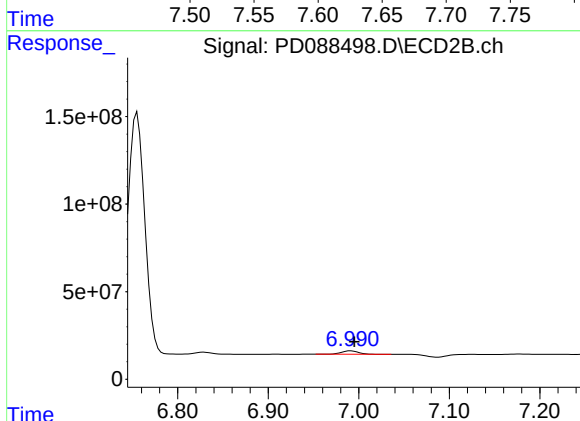
R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 1826192895
Conc: 200.22 ng/ml



#21 Endrin ketone

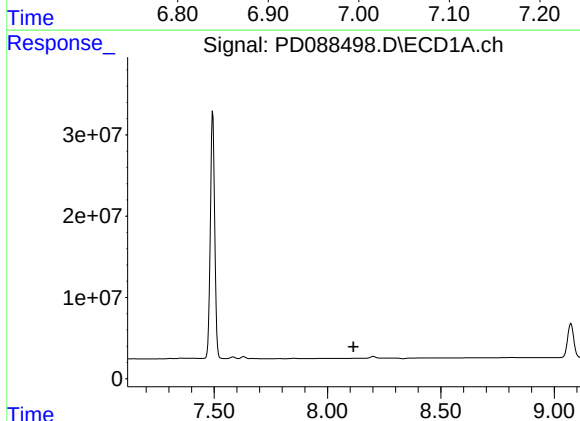
R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 2339247
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



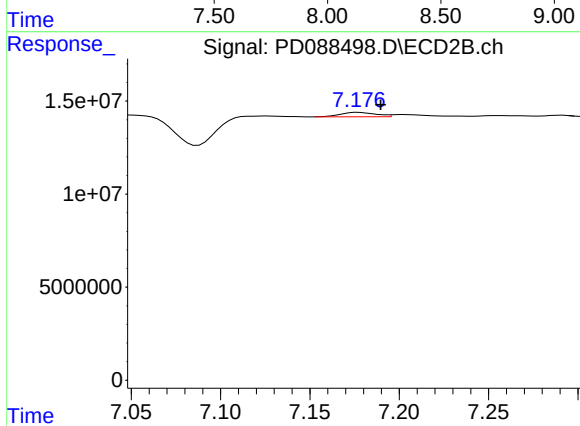
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 24535458
Conc: 1.31 ng/ml



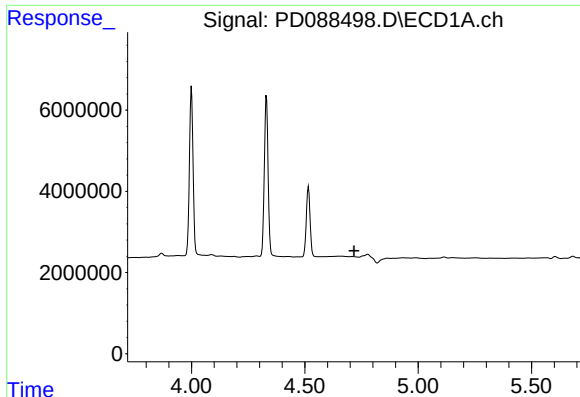
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

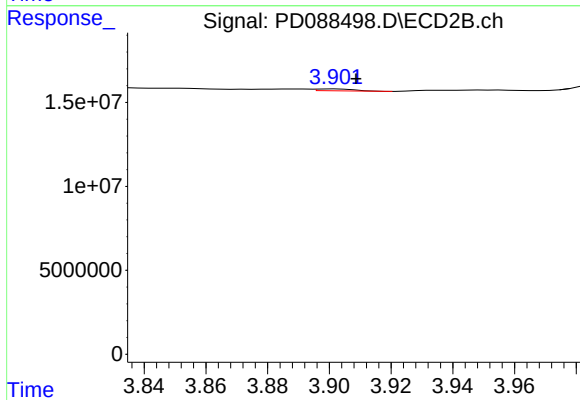
R.T.: 7.177 min
Delta R.T.: -0.012 min
Response: 3233711
Conc: 0.22 ng/ml



#23 Chlordane-1

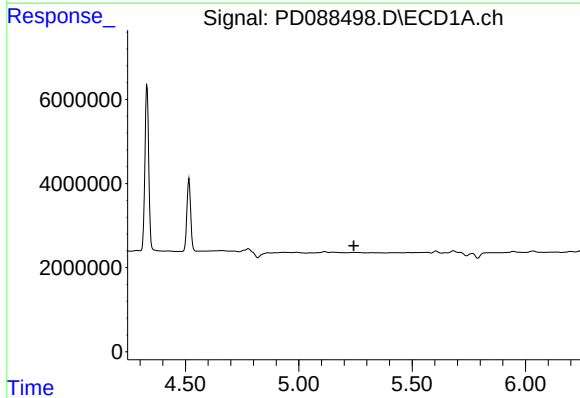
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



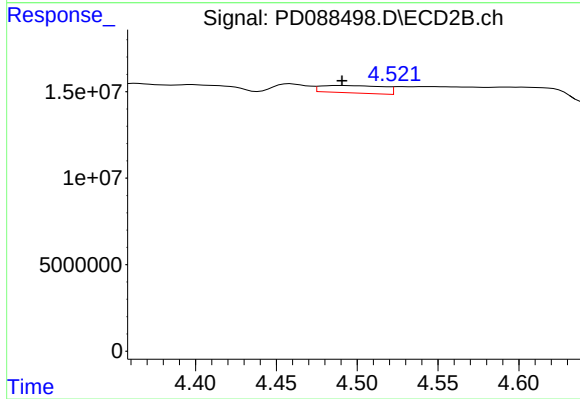
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.007 min
Response: 932182
Conc: 1.16 ng/ml



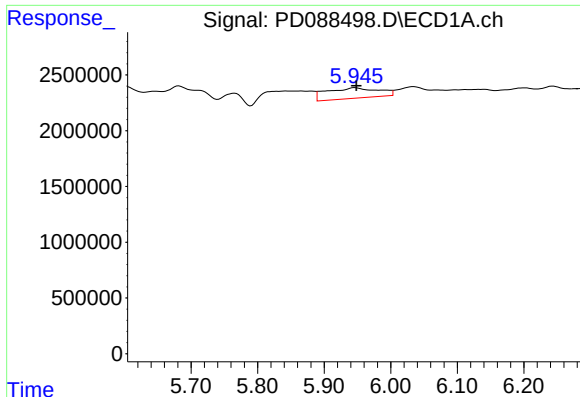
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.



#24 Chlordane-2

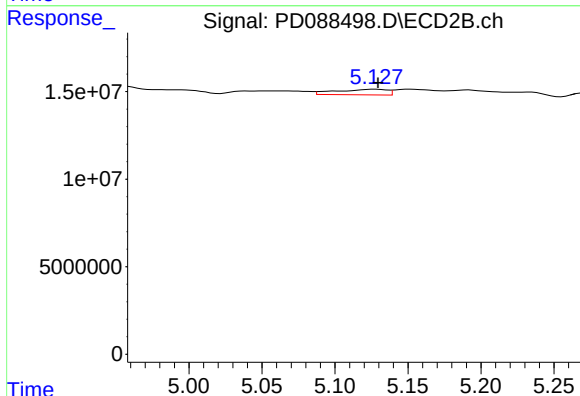
R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 11533827
Conc: 13.98 ng/ml



#25 Chlordane-3

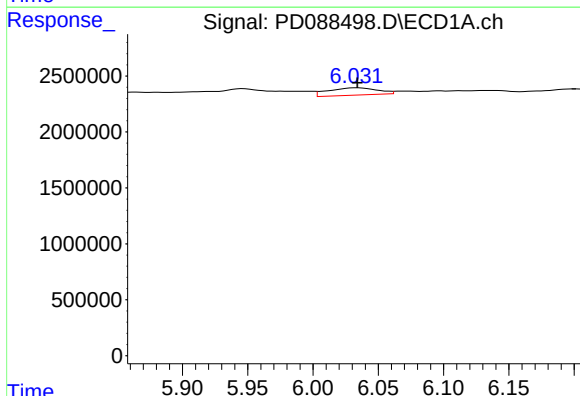
R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 5047104
Conc: 7.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



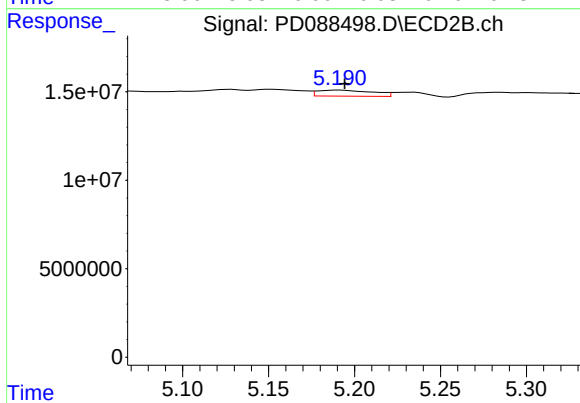
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 7764624
Conc: 3.07 ng/ml



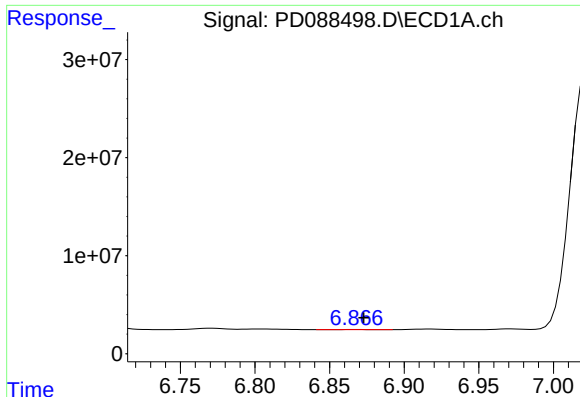
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 1705189
Conc: 2.09 ng/ml



#26 Chlordane-4

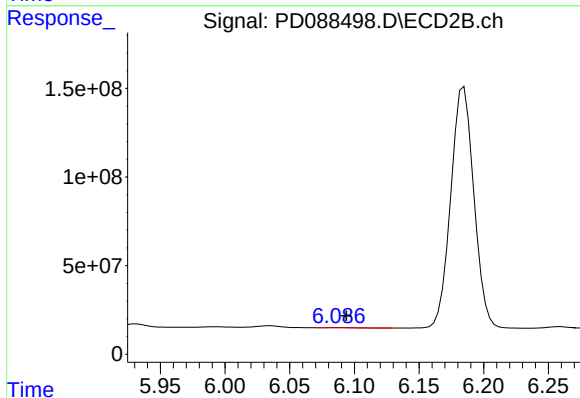
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 7585547
Conc: 3.55 ng/ml



#27 Chlordane-5

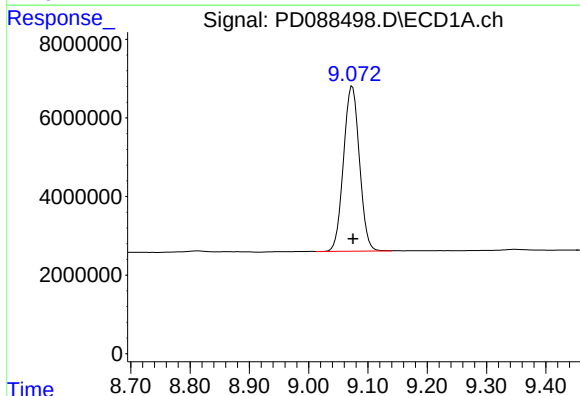
R.T.: 6.867 min
Delta R.T.: -0.005 min
Response: 239580
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



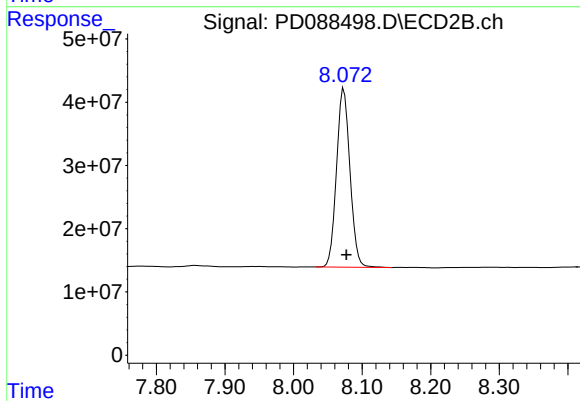
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 1821391
Conc: 1.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 78502399
Conc: 23.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 385252038
Conc: 20.85 ng/ml