

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053025\
 Data File : PD088770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 09:18
 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: May 30 01:10:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.549	2.880	49339339	341.9E6	22.803	22.603
28)	SA Decachlor...	9.072	8.072	76789162	396.5E6	22.438	21.720
Target Compounds							
2)	A alpha-BHC	3.998	3.392	49434441	279.3E6	10.349	11.683
3)	MA gamma-BHC...	4.329	3.729	49673694	259.1E6	10.792	11.691
4)	MA Heptachlor	4.947f	4.077	642684	1288191	0.144	0.057 #
5)	MB Aldrin	5.252f	4.364	295996	9361328	0.067	0.427 #
6)	B beta-BHC	4.514	4.025	20469423	111.5E6	11.352	11.446
7)	B delta-BHC	4.776	4.262	1691719	965295	0.400	0.043 #
8)	B Heptachlo...	5.680	4.885	3107912	1562797	0.783	0.079 #
9)	A Endosulfan I	6.101f	5.231f	146530	10897177	0.039	0.574 #
10)	B gamma-Chl...	5.945	5.125	504816	24405771	0.127	1.144 #
11)	B alpha-Chl...	6.032	5.188	869693	26453871	0.217	1.283 #
12)	B 4,4'-DDE	6.193	5.379	250837	13763196	0.070	0.658 #
13)	MA Dieldrin	6.367f	5.501	233697	1004341	0.058	0.048
14)	MA Endrin	6.573	5.789	194.7E6	996.7E6	57.011	51.683
15)	B Endosulfa...	6.803	6.085	1511973	2328500	0.439	0.127 #
16)	A 4,4'-DDD	6.704	5.930	5091453	18812000	1.828	1.082 #
17)	MA 4,4'-DDT	7.020	6.183	341.1E6	1809.1E6	109.256	99.744
18)	B Endrin al...	6.916	6.257	792870	8951728	0.308	0.643 #
19)	B Endosulfa...	0.000	6.457f	0	1225637	N.D.	0.069 #
20)	A Methoxychlor	7.492	6.753	416.5E6	1876.2E6	249.343	195.955
21)	B Endrin ke...	7.629	6.989	1100212	13851205	0.321	0.716 #
22)	Mirex	8.116	7.176	68086	4734720	0.026	0.311 #
23)	Chlordane-1	0.000	3.896	0	1619994	N.D.	1.960 #
24)	Chlordane-2	5.252	4.491	295996	61374417	1.613	72.718 #
25)	Chlordane-3	5.945	5.125	504816	24405771	0.682	9.256 #
26)	Chlordane-4	6.032	5.188	869693	26453871	0.970	11.957 #
27)	Chlordane-5	6.867	6.085	341960	2328500	2.248	2.327

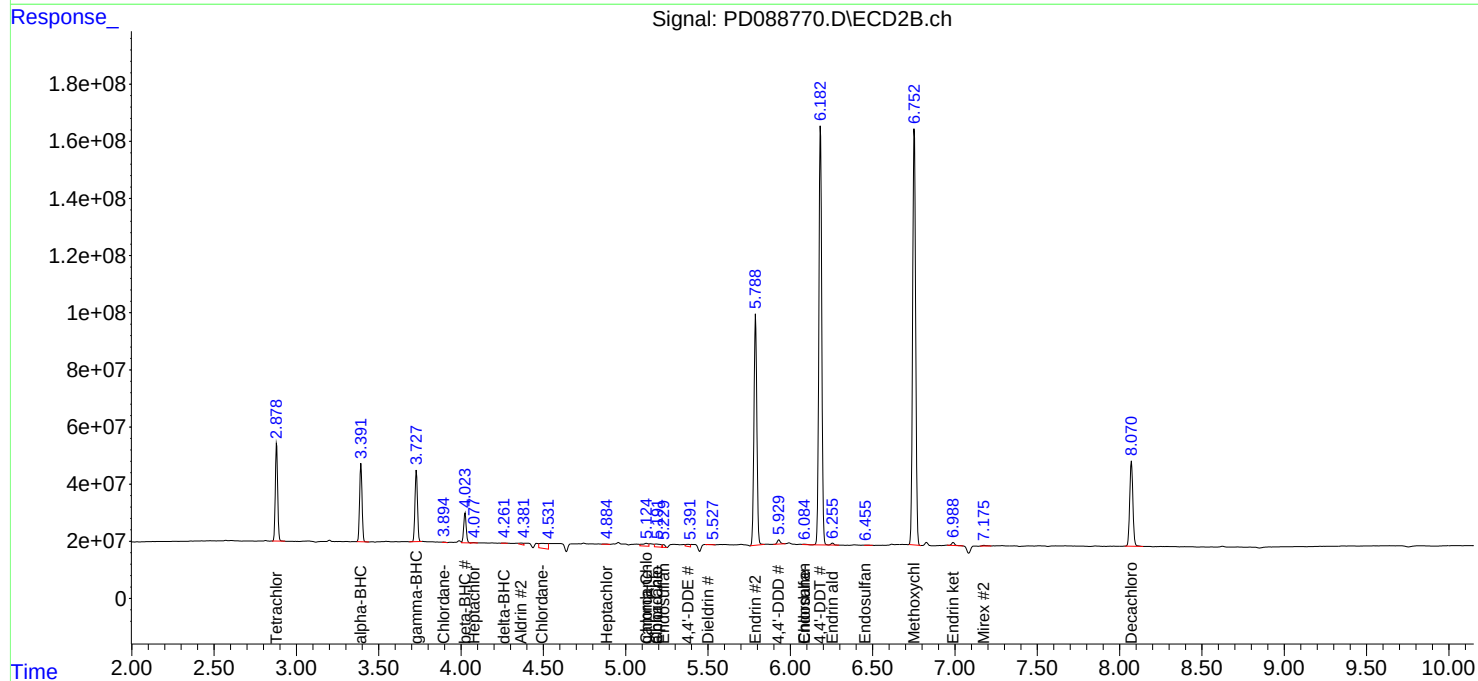
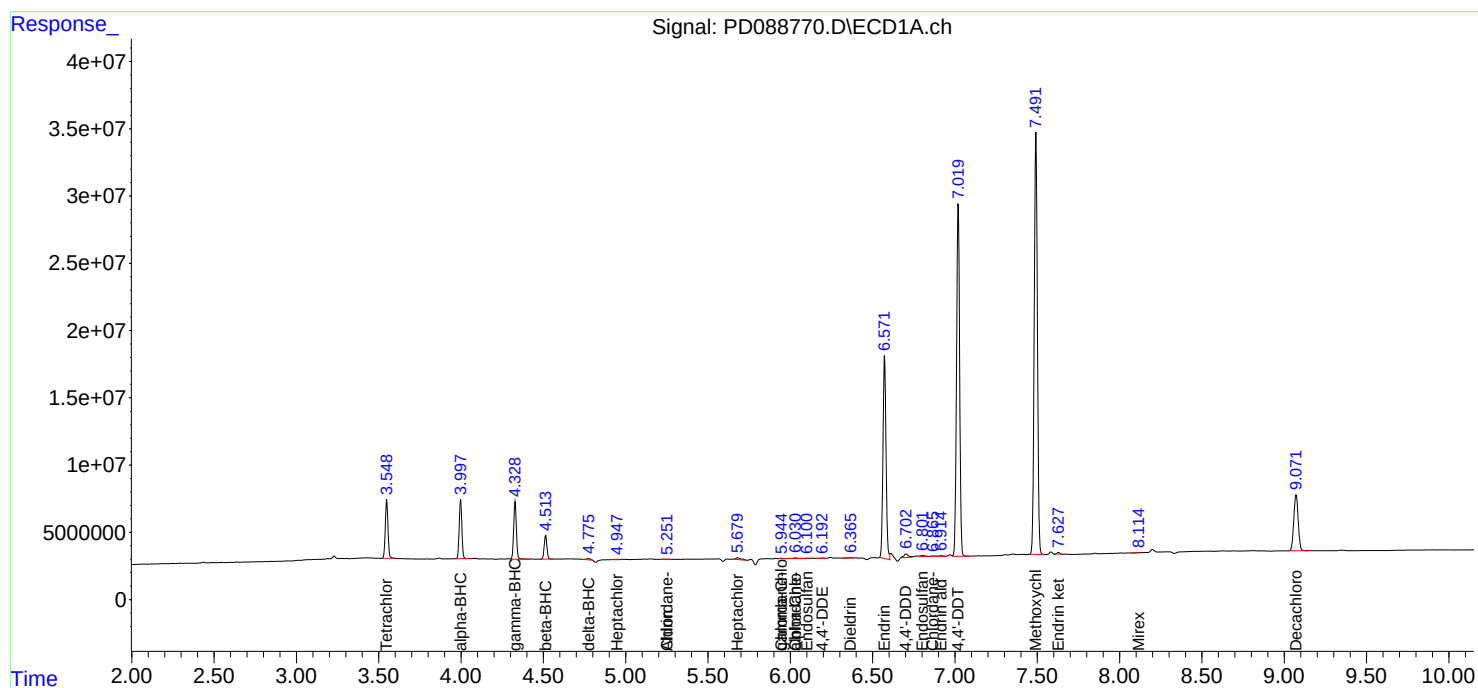
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

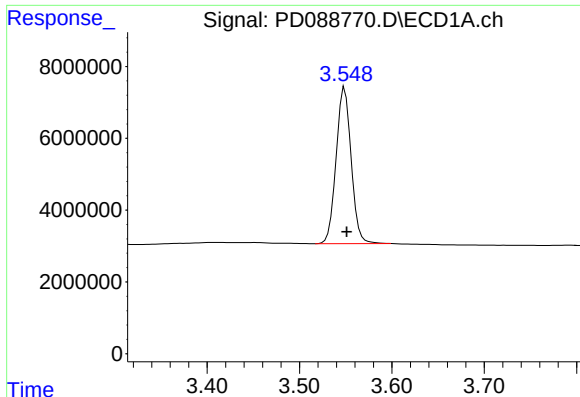
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053025\
Data File : PD088770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 01:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

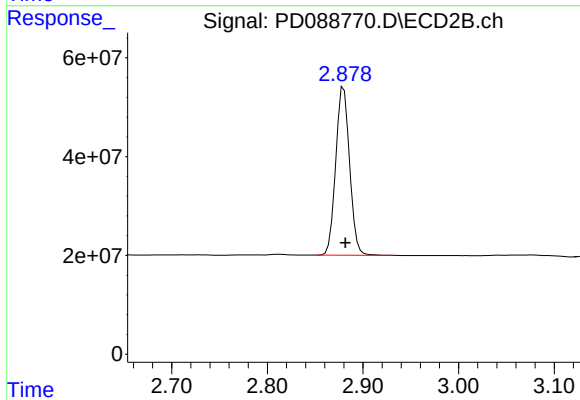




#1 Tetrachloro-m-xylene

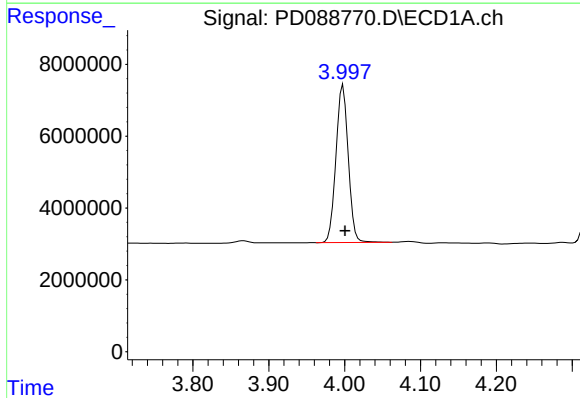
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 49339339
Conc: 22.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



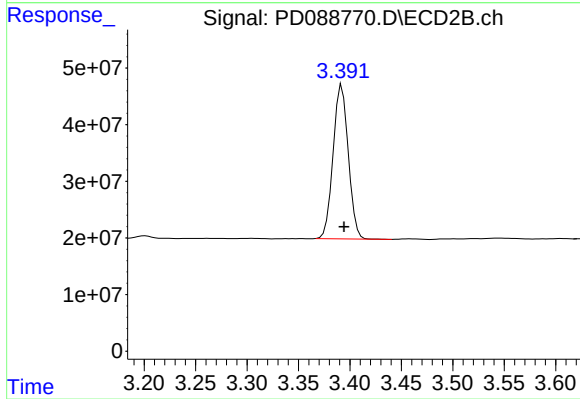
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 341912550
Conc: 22.60 ng/ml



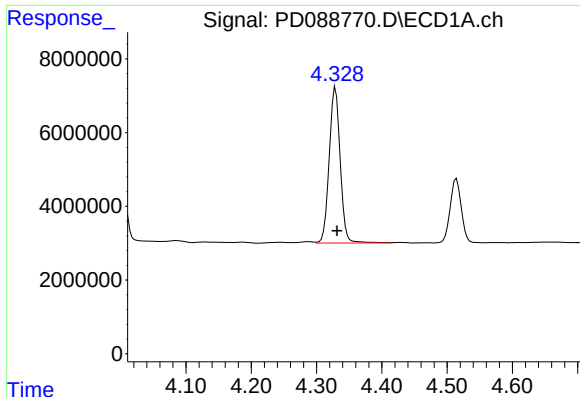
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 49434441
Conc: 10.35 ng/ml



#2 alpha-BHC

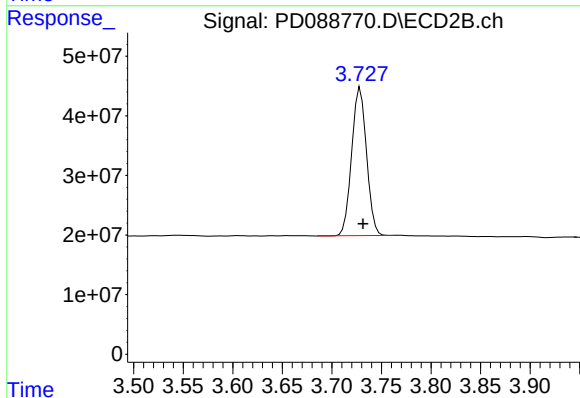
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 279266275
Conc: 11.68 ng/ml



#3 gamma-BHC (Lindane)

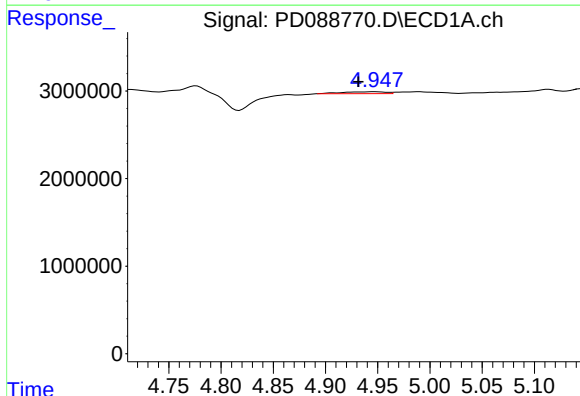
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 49673694
Conc: 10.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



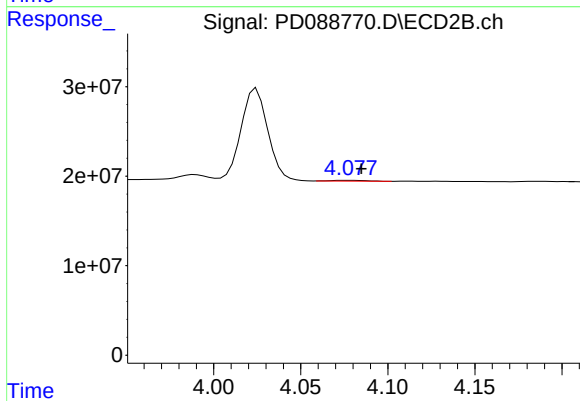
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 259133884
Conc: 11.69 ng/ml



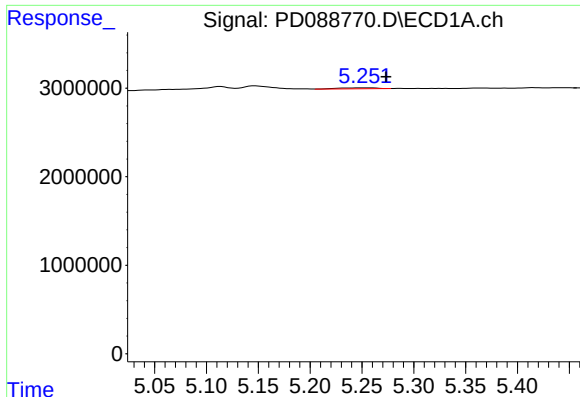
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.016 min
Response: 642684
Conc: 0.14 ng/ml



#4 Heptachlor

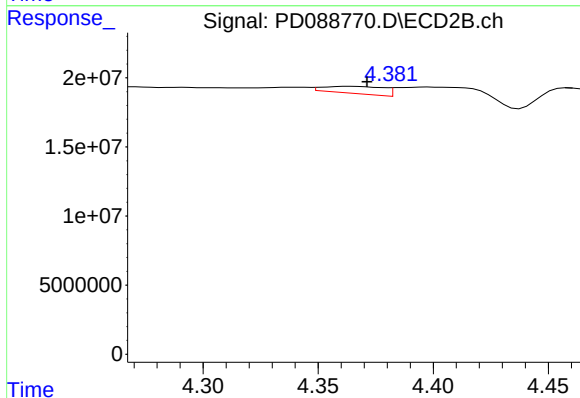
R.T.: 4.077 min
Delta R.T.: -0.007 min
Response: 1288191
Conc: 0.06 ng/ml



#5 Aldrin

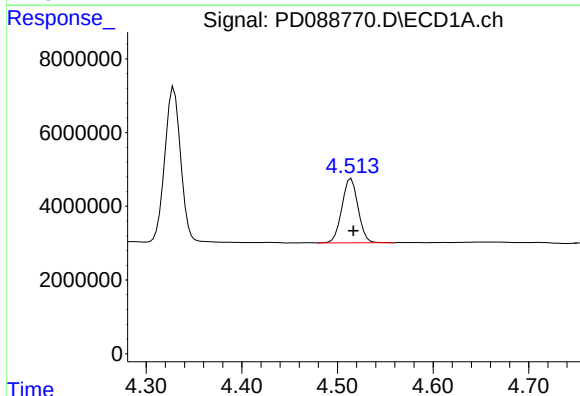
R.T.: 5.252 min
Delta R.T.: -0.021 min
Response: 295996
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



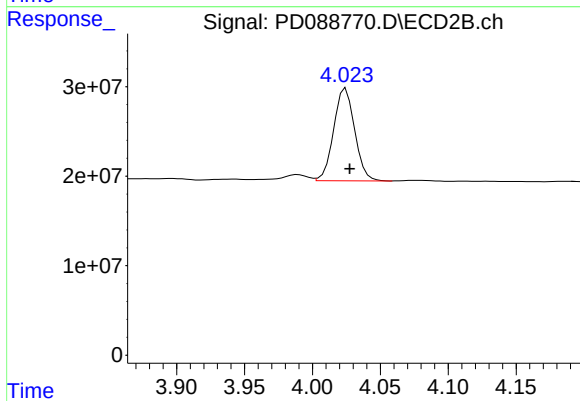
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.007 min
Response: 9361328
Conc: 0.43 ng/ml



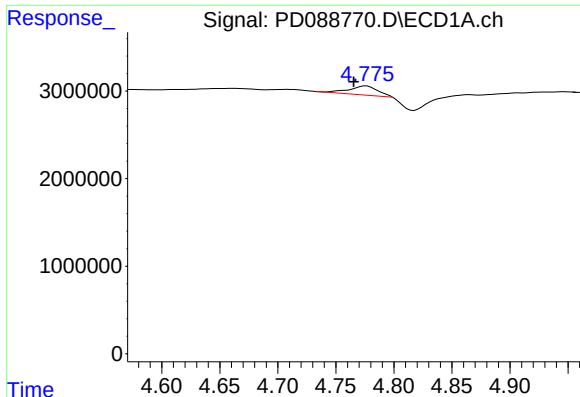
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 20469423
Conc: 11.35 ng/ml



#6 beta-BHC

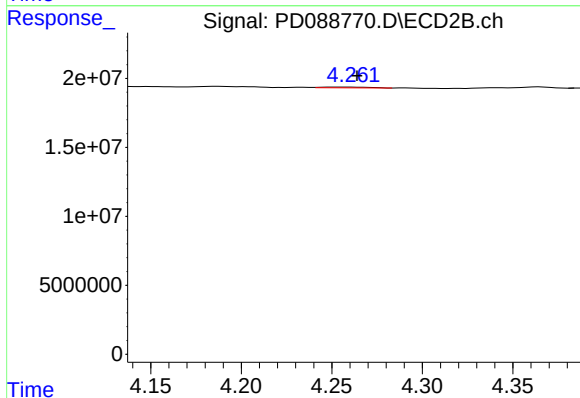
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 111503739
Conc: 11.45 ng/ml



#7 delta-BHC

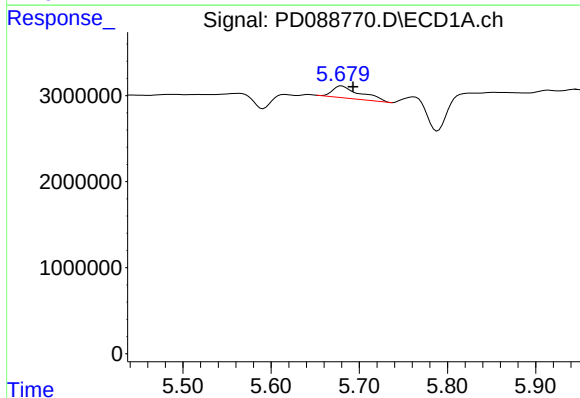
R.T.: 4.776 min
Delta R.T.: 0.011 min
Response: 1691719
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



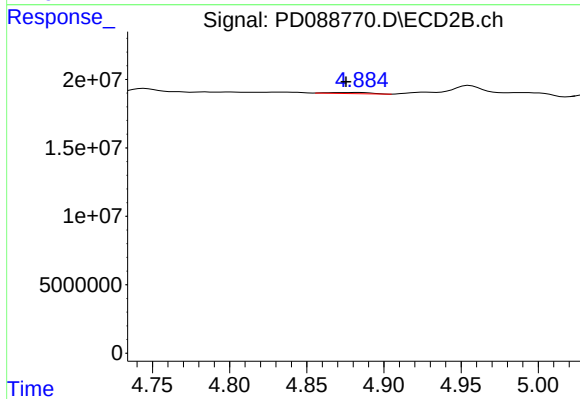
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 965295
Conc: 0.04 ng/ml



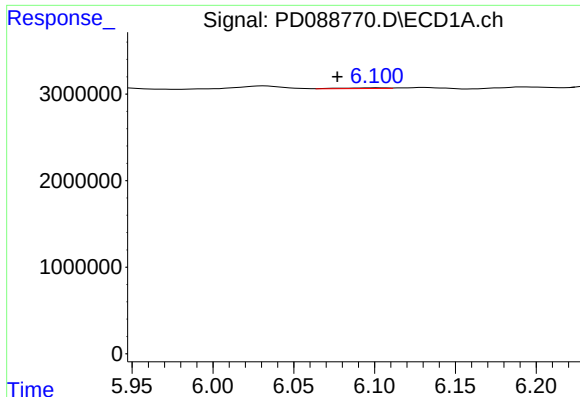
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.013 min
Response: 3107912
Conc: 0.78 ng/ml



#8 Heptachlor epoxide

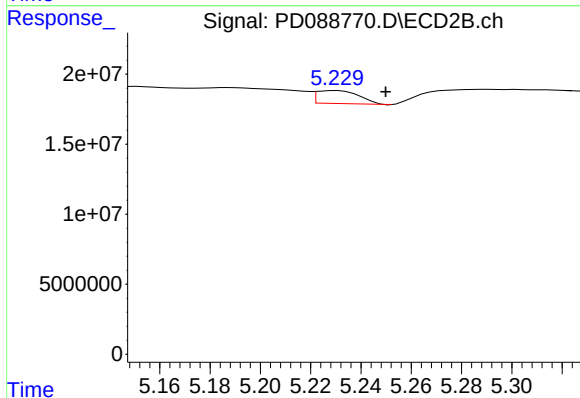
R.T.: 4.885 min
Delta R.T.: 0.009 min
Response: 1562797
Conc: 0.08 ng/ml



#9 Endosulfan I

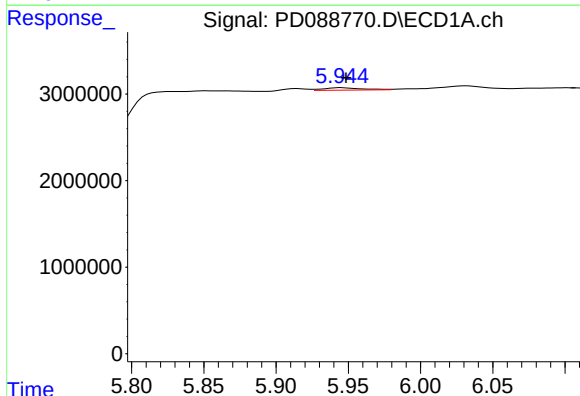
R.T.: 6.101 min
Delta R.T.: 0.024 min
Response: 146530
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



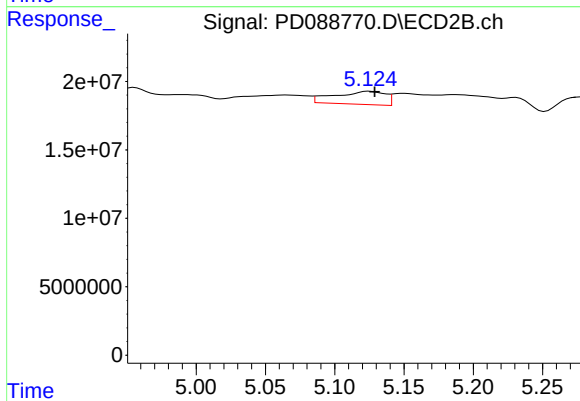
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.019 min
Response: 10897177
Conc: 0.57 ng/ml



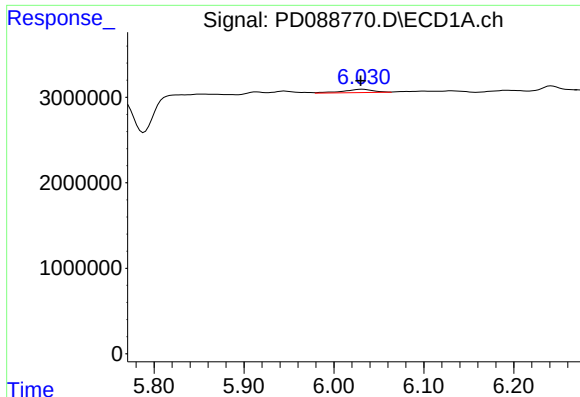
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 504816
Conc: 0.13 ng/ml



#10 gamma-Chlordane

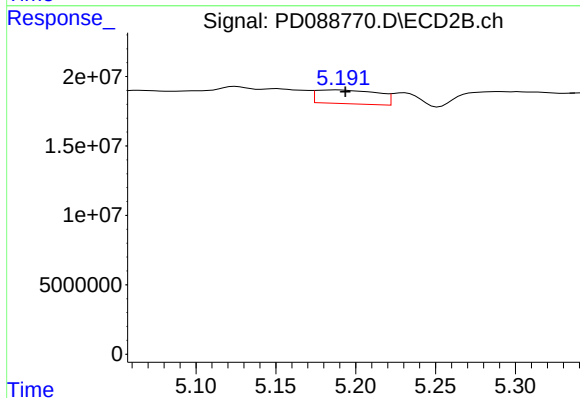
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 24405771
Conc: 1.14 ng/ml



#11 alpha-Chlordane

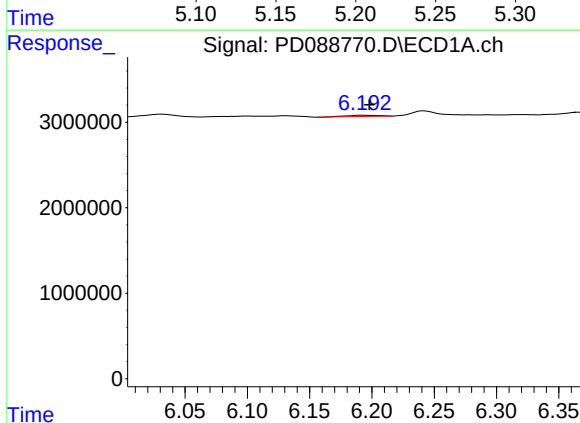
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 869693
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



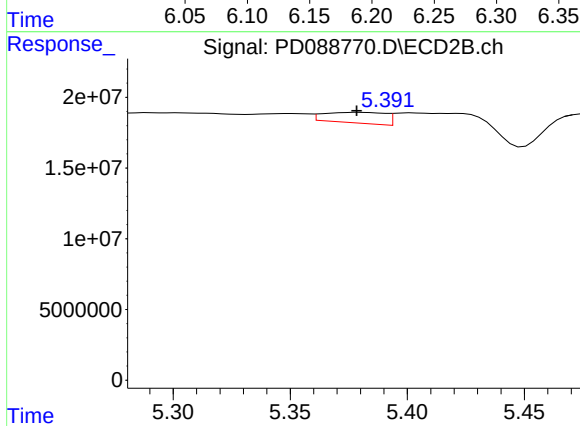
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 26453871
Conc: 1.28 ng/ml



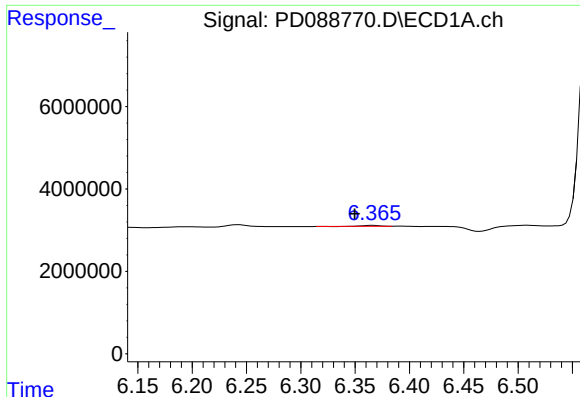
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.005 min
Response: 250837
Conc: 0.07 ng/ml



#12 4,4'-DDE

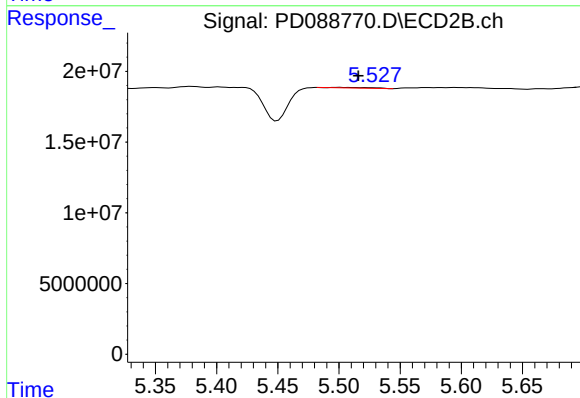
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 13763196
Conc: 0.66 ng/ml



#13 Dieldrin

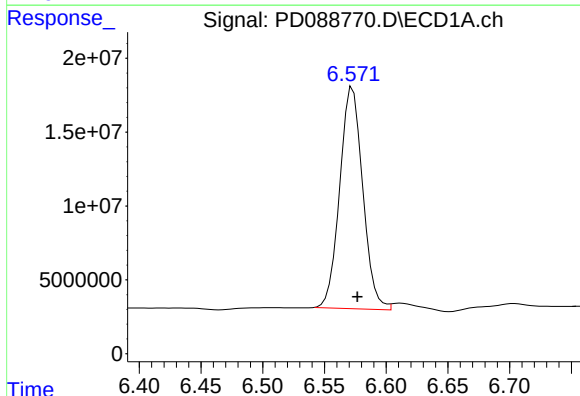
R.T.: 6.367 min
Delta R.T.: 0.017 min
Response: 233697
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



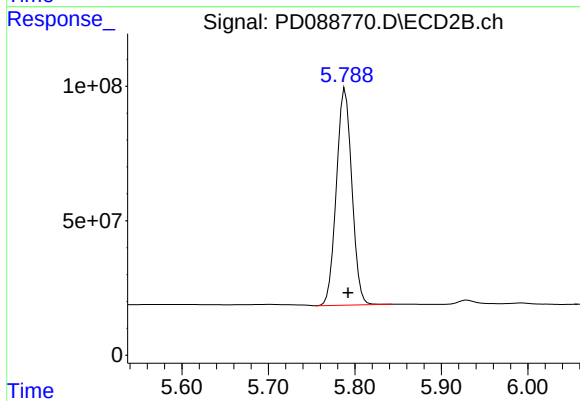
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.015 min
Response: 1004341
Conc: 0.05 ng/ml



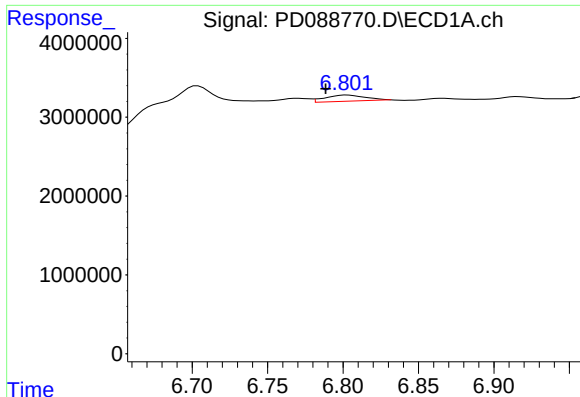
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 194702709
Conc: 57.01 ng/ml



#14 Endrin

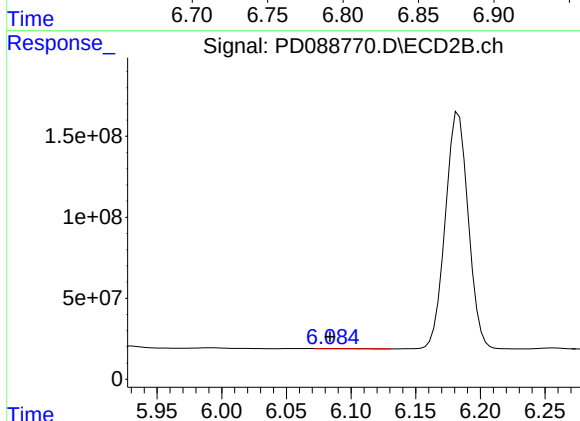
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 996650655
Conc: 51.68 ng/ml



#15 Endosulfan II

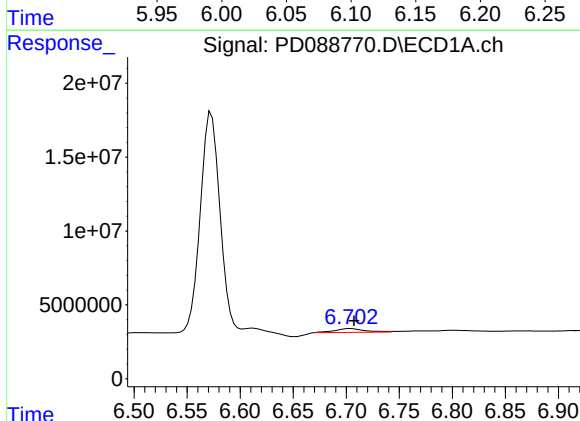
R.T.: 6.803 min
Delta R.T.: 0.014 min
Response: 1511973
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



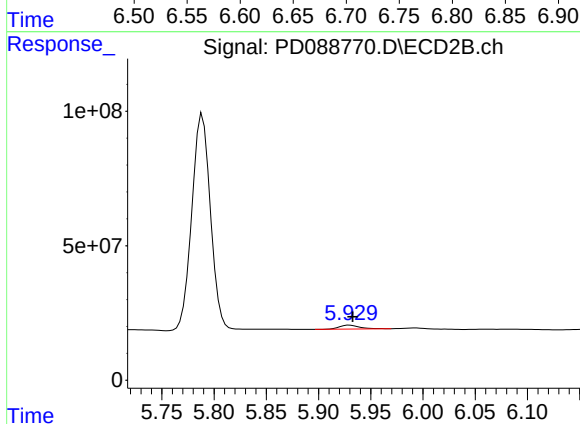
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2328500
Conc: 0.13 ng/ml



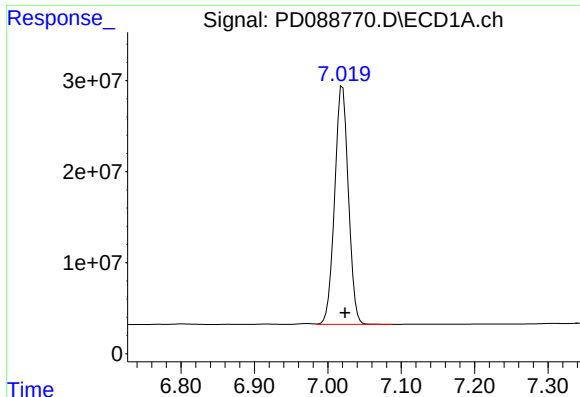
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 5091453
Conc: 1.83 ng/ml



#16 4,4'-DDD

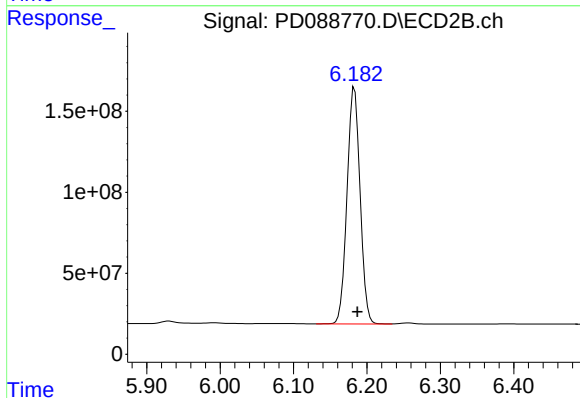
R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 18812000
Conc: 1.08 ng/ml



#17 4,4'-DDT

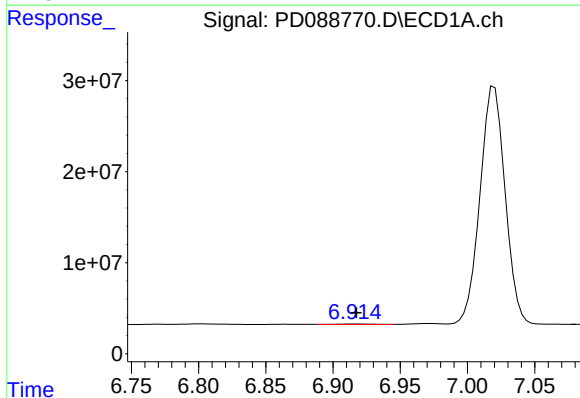
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 341103281
Conc: 109.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



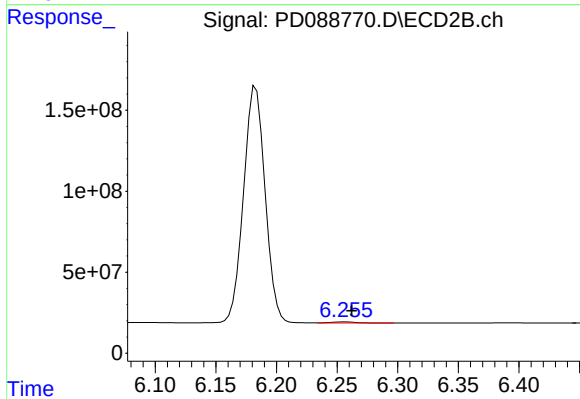
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1809097053
Conc: 99.74 ng/ml



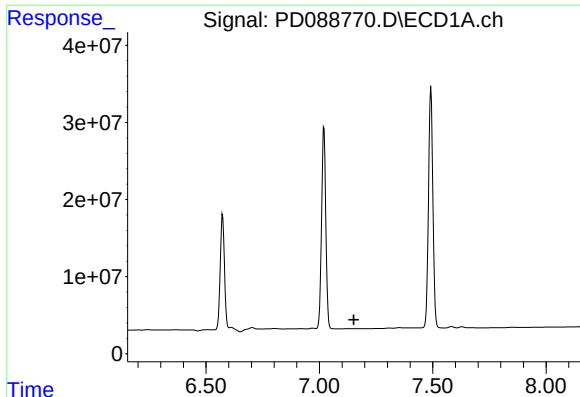
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 792870
Conc: 0.31 ng/ml



#18 Endrin aldehyde

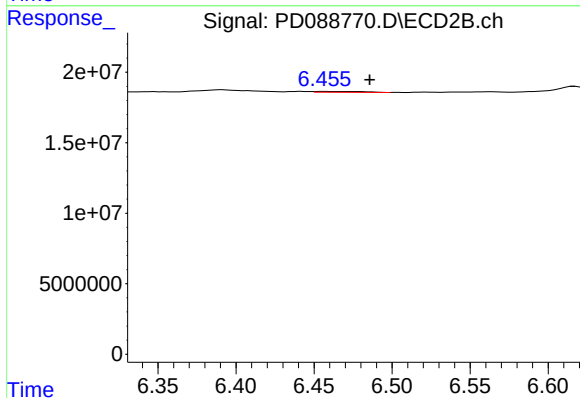
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 8951728
Conc: 0.64 ng/ml



#19 Endosulfan Sulfate

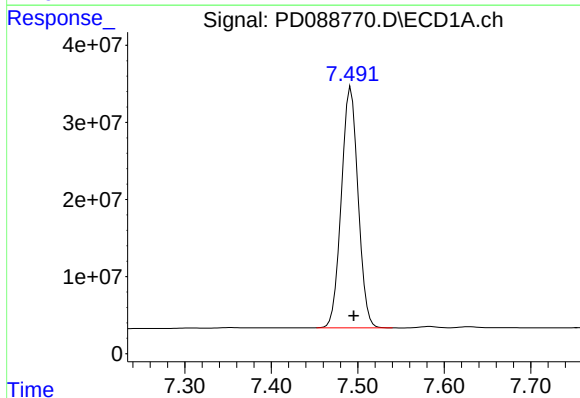
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



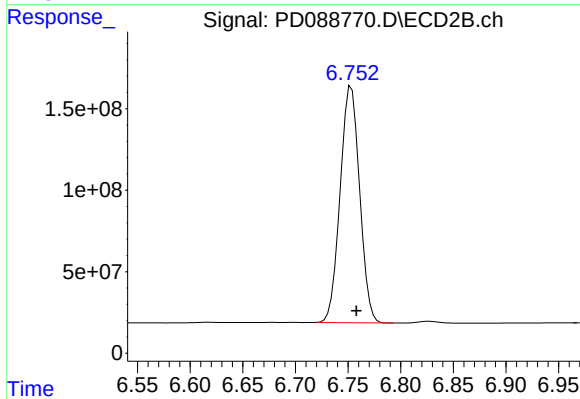
#19 Endosulfan Sulfate

R.T.: 6.457 min
Delta R.T.: -0.029 min
Response: 1225637
Conc: 0.07 ng/ml



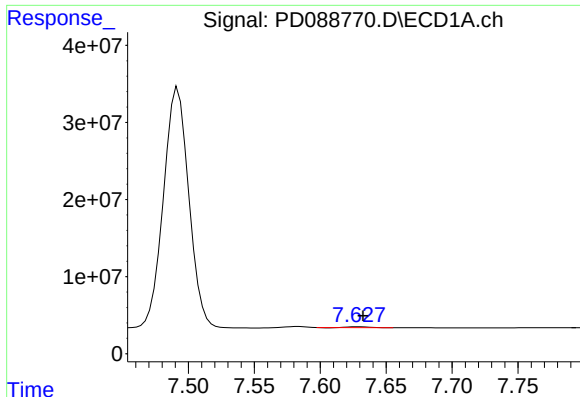
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 416541482
Conc: 249.34 ng/ml



#20 Methoxychlor

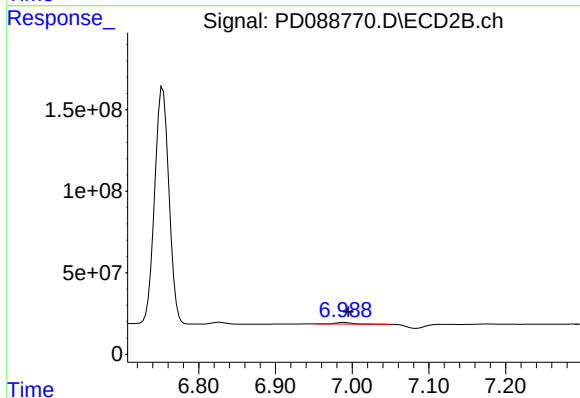
R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 1876225687
Conc: 195.95 ng/ml



#21 Endrin ketone

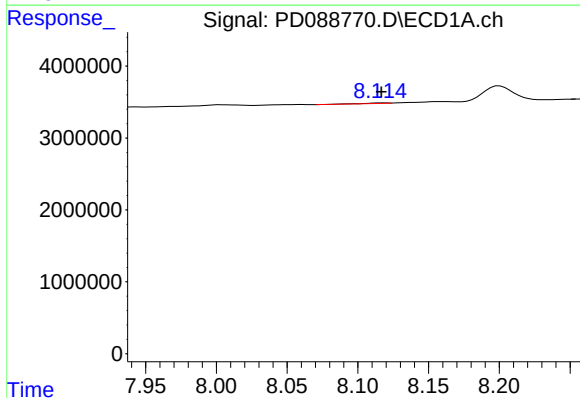
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 1100212
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



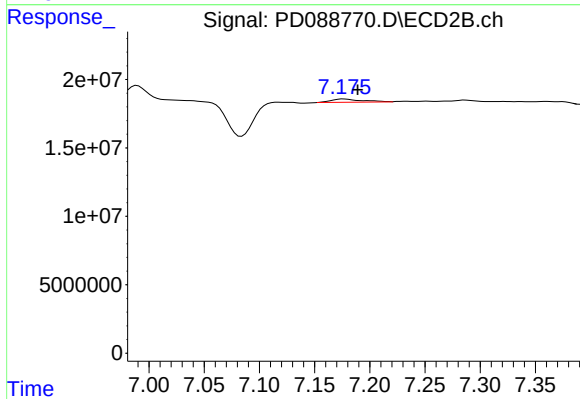
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 13851205
Conc: 0.72 ng/ml



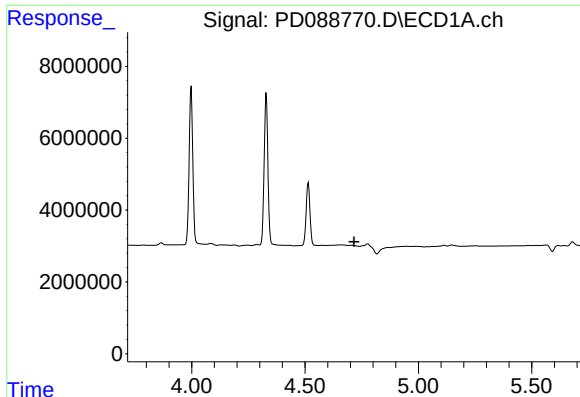
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 68086
Conc: 0.03 ng/ml



#22 Mirex

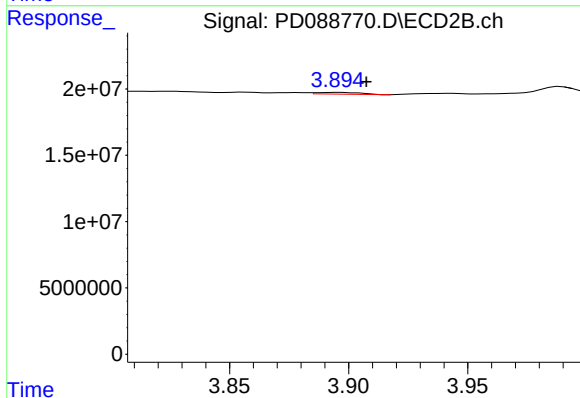
R.T.: 7.176 min
Delta R.T.: -0.013 min
Response: 4734720
Conc: 0.31 ng/ml



#23 Chlordane-1

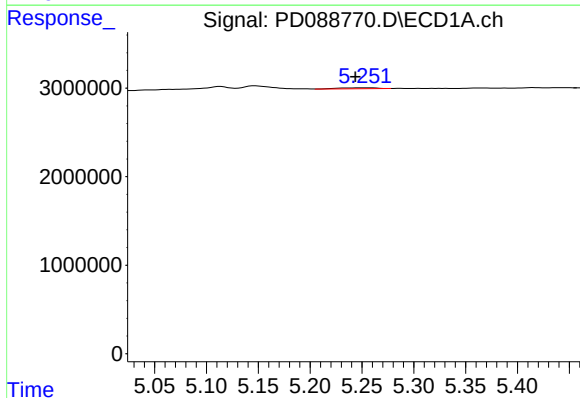
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



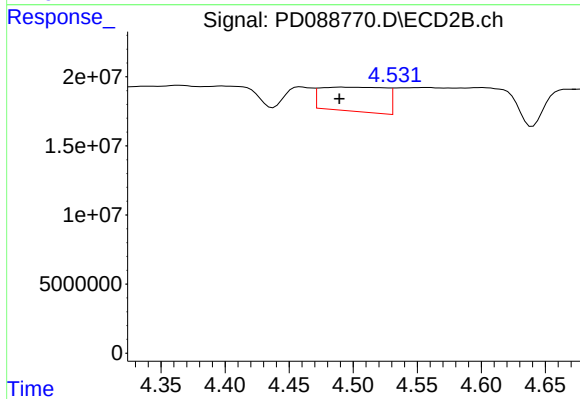
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.012 min
Response: 1619994
Conc: 1.96 ng/ml



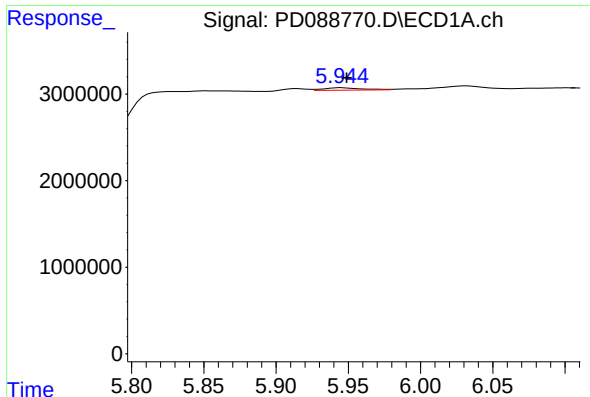
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.008 min
Response: 295996
Conc: 1.61 ng/ml



#24 Chlordane-2

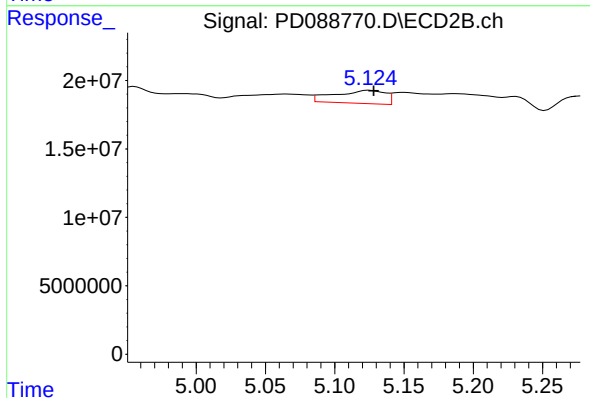
R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 61374417
Conc: 72.72 ng/ml



#25 Chlordane-3

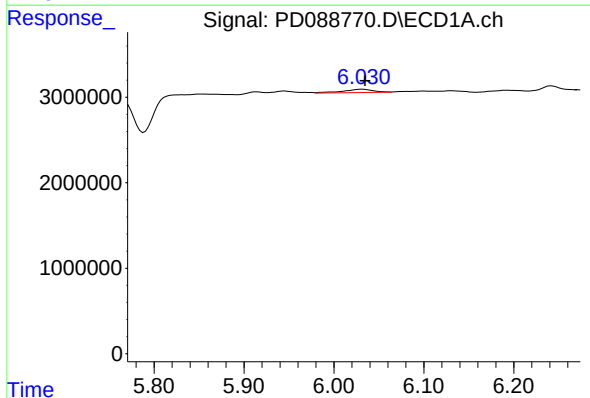
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 504816
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



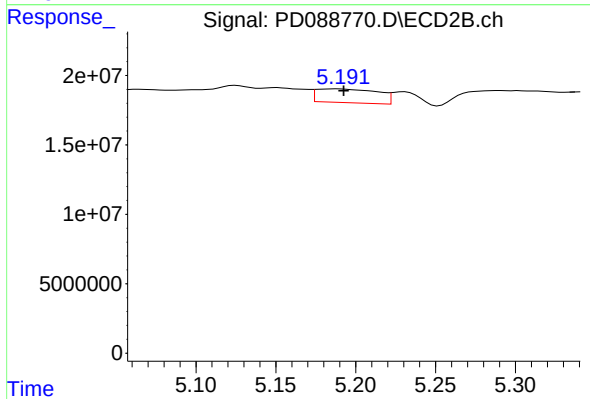
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 24405771
Conc: 9.26 ng/ml



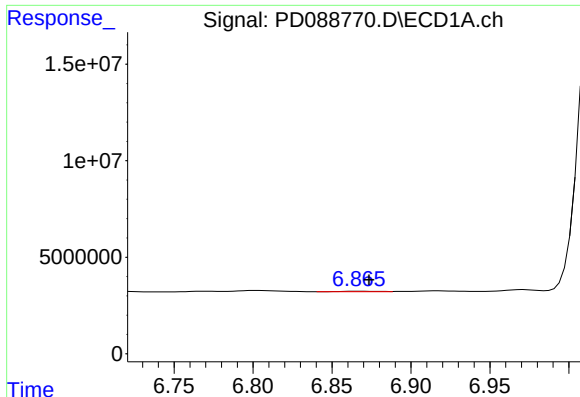
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 869693
Conc: 0.97 ng/ml



#26 Chlordane-4

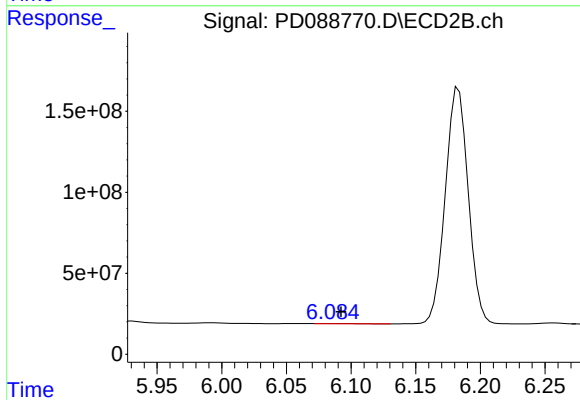
R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 26453871
Conc: 11.96 ng/ml



#27 Chlordane-5

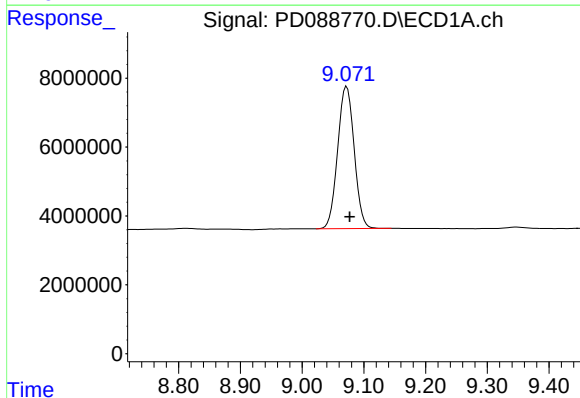
R.T.: 6.867 min
Delta R.T.: -0.007 min
Response: 341960
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



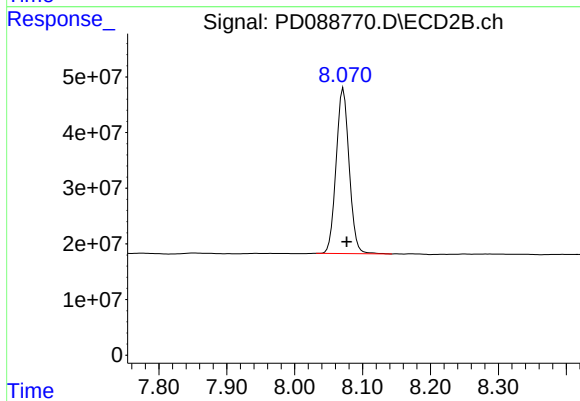
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 2328500
Conc: 2.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 76789162
Conc: 22.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 396531722
Conc: 21.72 ng/ml