

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 12:13
 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: Jul 02 01:44:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	52857529	338.6E6	18.526	19.975
2)	SA Decachlor...	9.074	8.072	75689745	388.5E6	19.271	19.651
Target Compounds							
2)	A alpha-BHC	4.000	3.393	49881725	283.7E6	8.557	10.586
3)	MA gamma-BHC...	4.331	3.730	50406195	244.4E6	9.031	9.871
4)	MA Heptachlor	4.930	4.083	1115216	4236162	0.205	0.169
5)	MB Aldrin	5.243f	4.365	926025	1131036	0.174	0.047 #
6)	B beta-BHC	4.516	4.025	21028261	106.2E6	9.527	9.887
7)	B delta-BHC	4.775	4.263	940466	951620	0.183	0.038 #
8)	B Heptachlo...	5.679	4.874	1680476	102.3E6	0.348	4.670 #
9)	A Endosulfan I	6.105f	5.228f	740577	20906656	0.164	1.003 #
10)	B gamma-Chl...	5.946	5.126	2603473	107.9E6	0.544	4.509 #
11)	B alpha-Chl...	6.032	5.190	3744521	60917939	0.774	2.661 #
12)	B 4,4'-DDE	6.196	5.375	832749	16917225	0.191	0.738 #
13)	MA Dieldrin	6.367f	5.515	2403969	9422930	0.501	0.406
14)	MA Endrin	6.574	5.789	183.6E6	980.6E6	44.514	45.158
15)	B Endosulfa...	6.773	6.087	1487432	14168249	0.368	0.702 #
16)	A 4,4'-DDD	6.705	5.929	22764049	105.9E6	6.633	5.537
17)	MA 4,4'-DDT	7.022	6.183	298.0E6	1581.9E6	78.667	78.006
18)	B Endrin al...	6.915	6.258	3048057	27499938	0.995	1.796 #
19)	B Endosulfa...	0.000	6.459f	0	5558448	N.D.	0.283 #
20)	A Methoxychlor	7.493	6.754	357.5E6	1711.6E6	176.903	158.950
21)	B Endrin ke...	7.630	6.990	8031459	74220675	1.972	3.436 #
22)	Mirex	8.117	7.176	204188	7998521	0.067	0.480 #
23)	Chlordane-1	4.714	3.904	320790	2745848	1.499	2.945 #
24)	Chlordane-2	5.243	4.489	926025	84458848	4.242	88.753 #
25)	Chlordane-3	5.946	5.126	2603473	107.9E6	3.019	36.314 #
26)	Chlordane-4	6.032	5.190	3744521	60917939	3.564	24.302 #
27)	Chlordane-5	6.871	6.087	572361	14168249	3.132	12.520 #

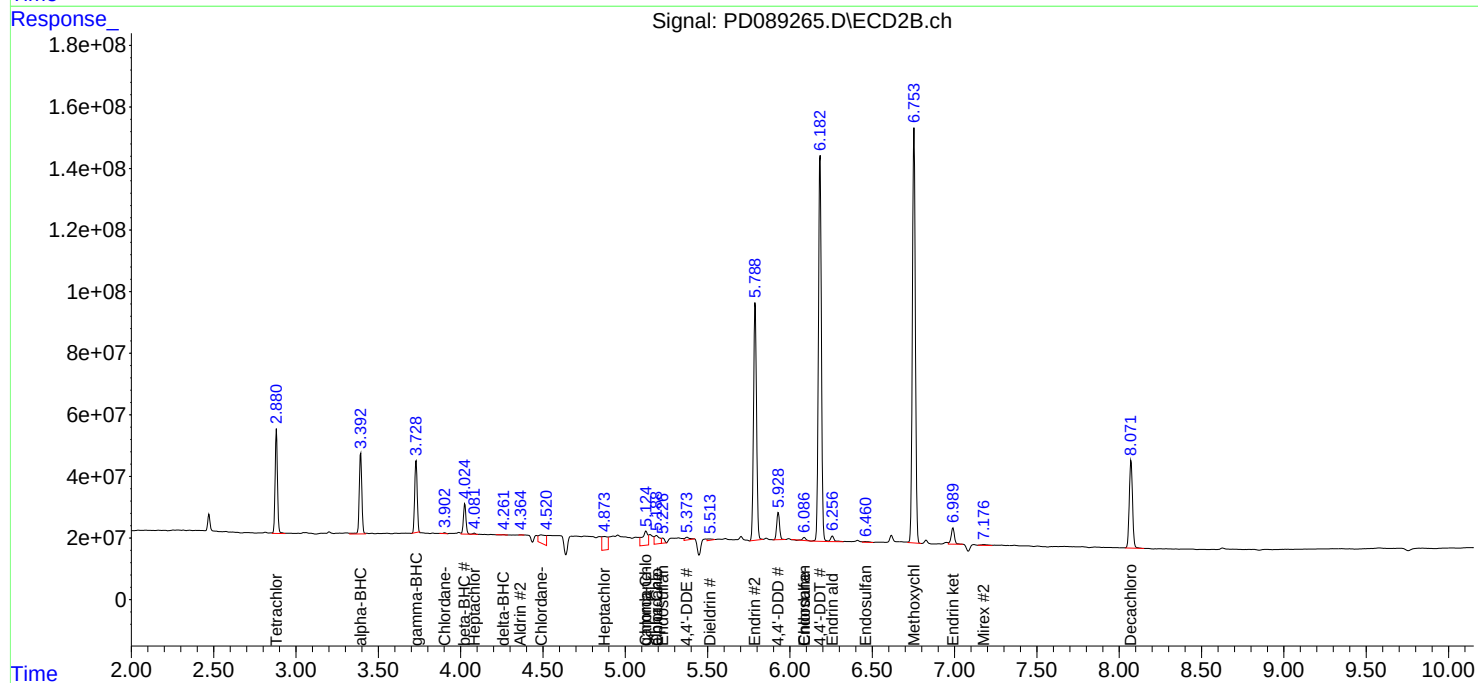
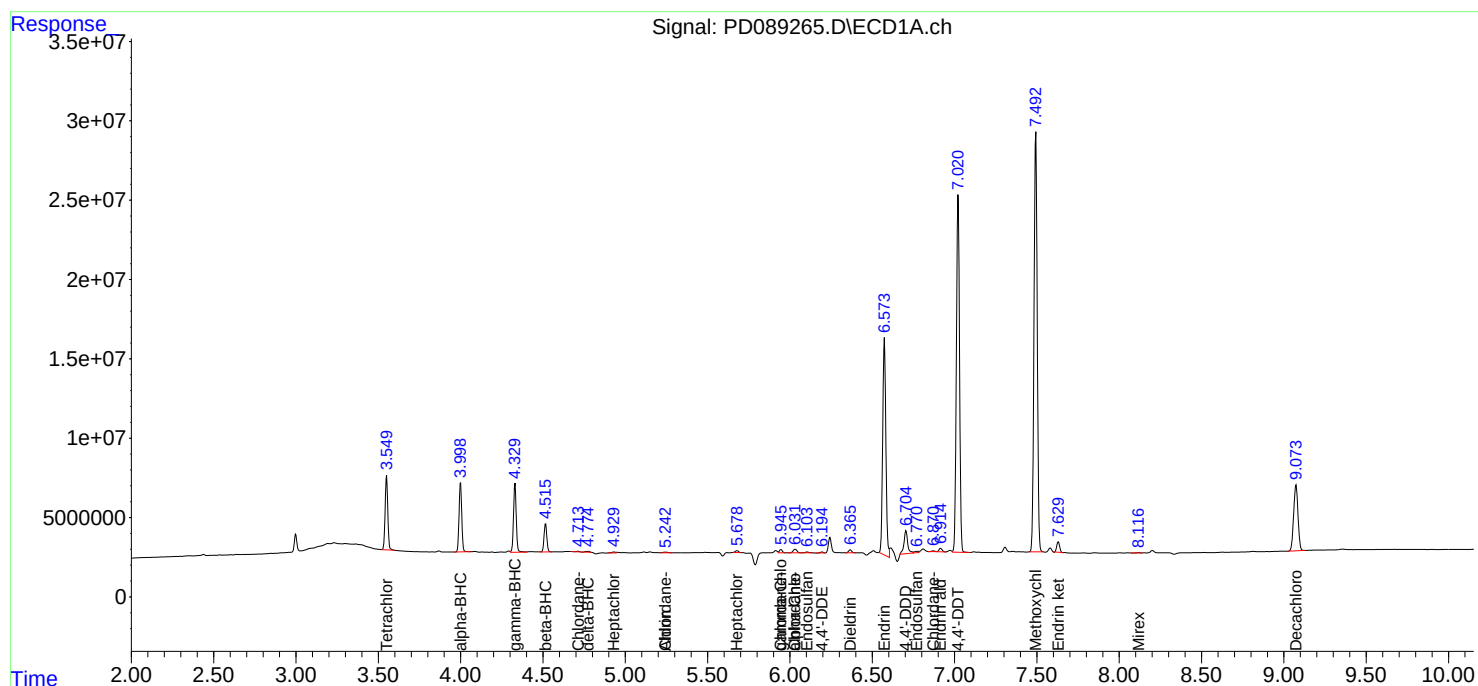
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

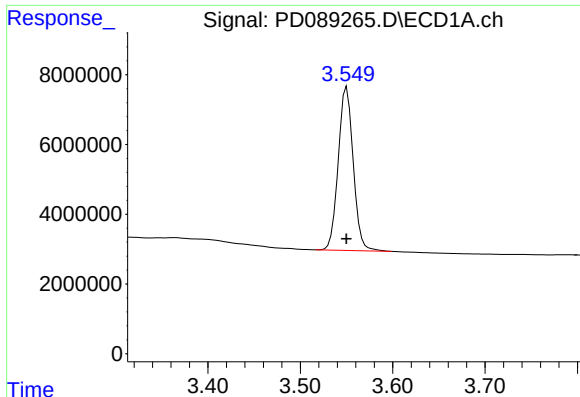
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
Data File : PD089265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 12:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:44:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

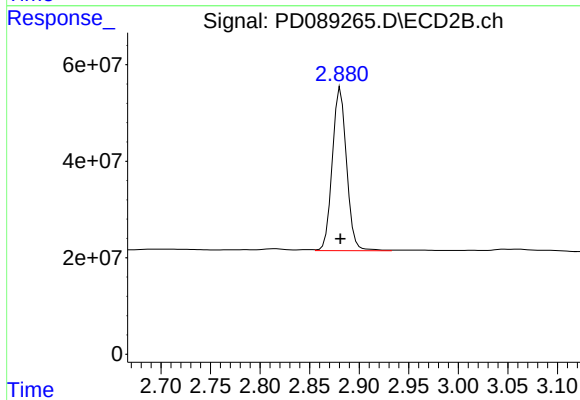




#1 Tetrachloro-m-xylene

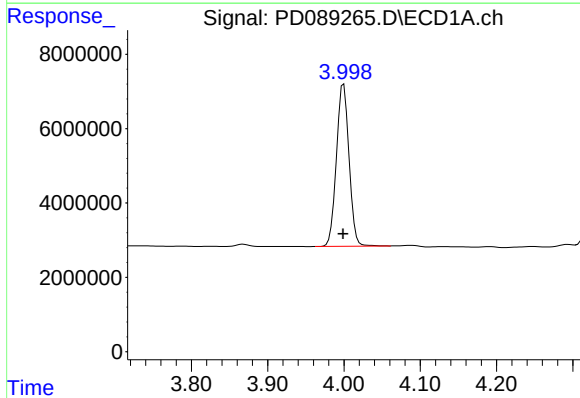
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 52857529
Conc: 18.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



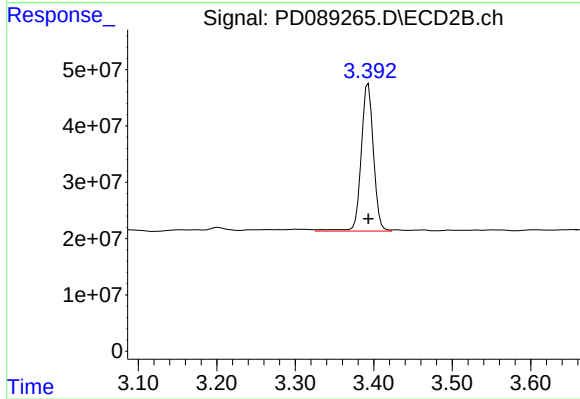
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 338636354
Conc: 19.97 ng/ml



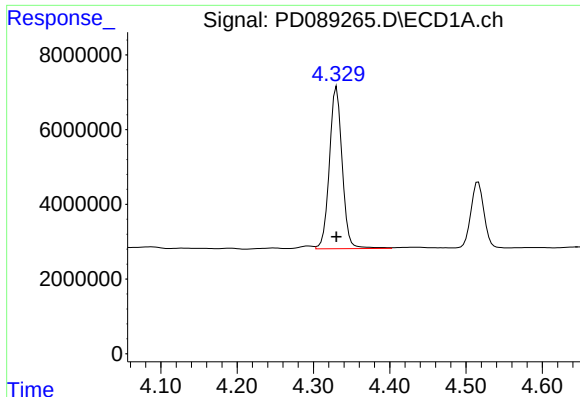
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 49881725
Conc: 8.56 ng/ml



#2 alpha-BHC

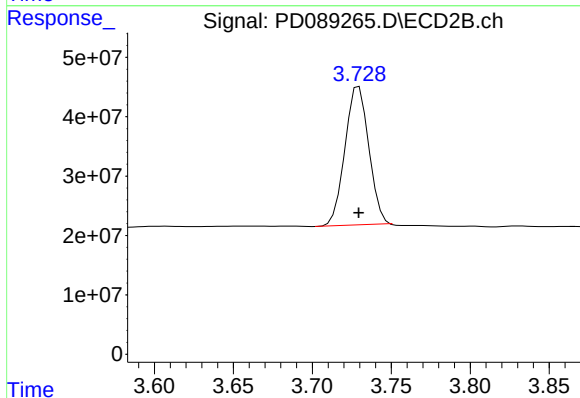
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 283682136
Conc: 10.59 ng/ml



#3 gamma-BHC (Lindane)

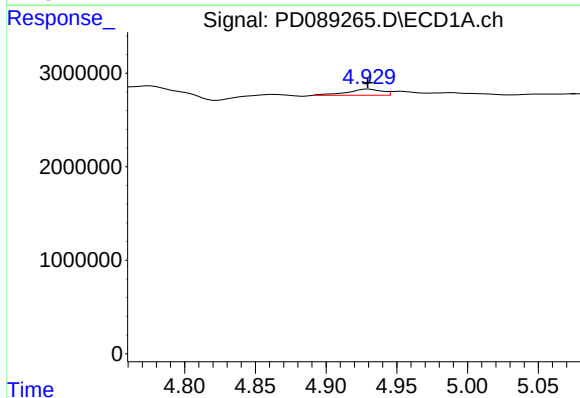
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 50406195
Conc: 9.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



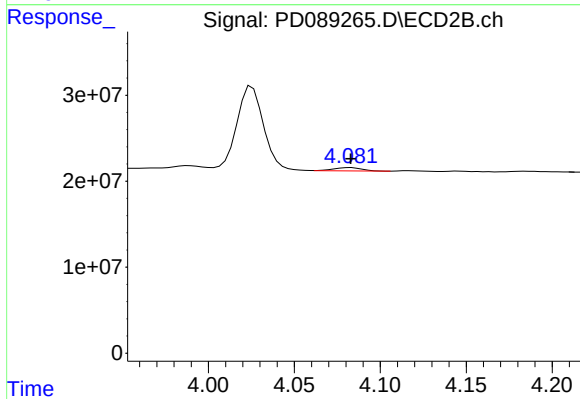
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 244387119
Conc: 9.87 ng/ml



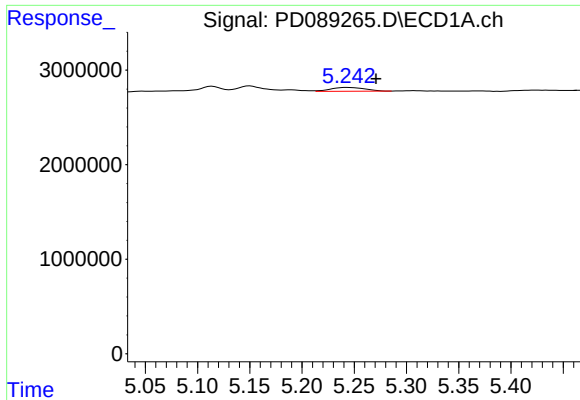
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 1115216
Conc: 0.20 ng/ml



#4 Heptachlor

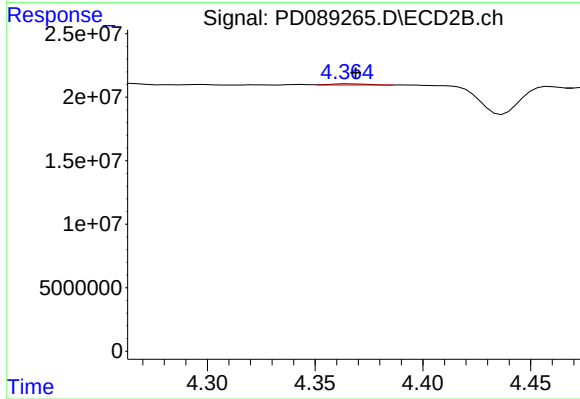
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 4236162
Conc: 0.17 ng/ml



#5 Aldrin

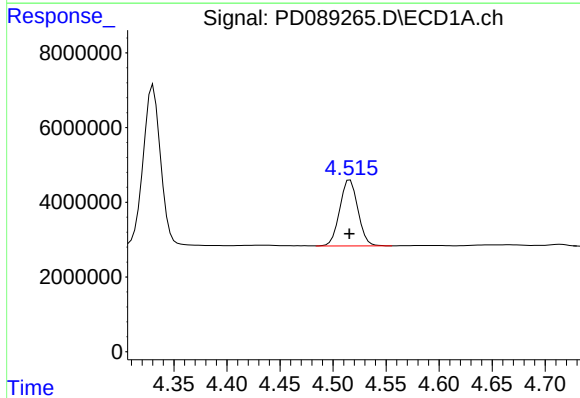
R.T.: 5.243 min
Delta R.T.: -0.027 min
Response: 926025
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



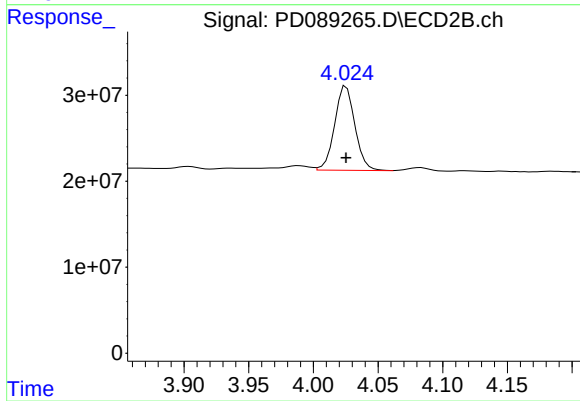
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.003 min
Response: 1131036
Conc: 0.05 ng/ml



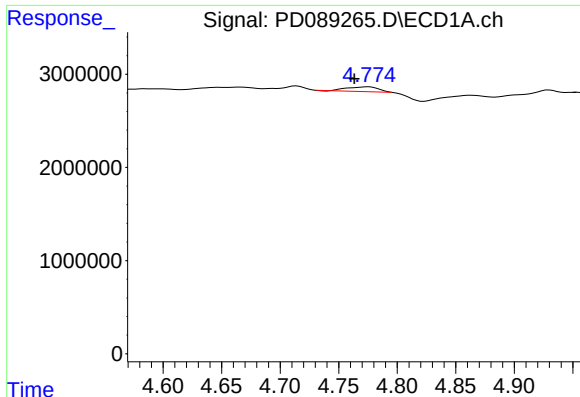
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21028261
Conc: 9.53 ng/ml



#6 beta-BHC

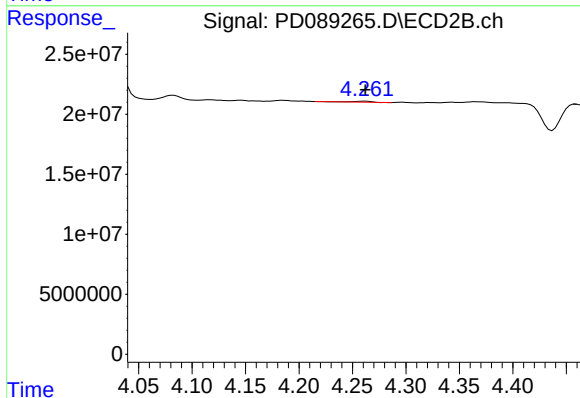
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 106247421
Conc: 9.89 ng/ml



#7 delta-BHC

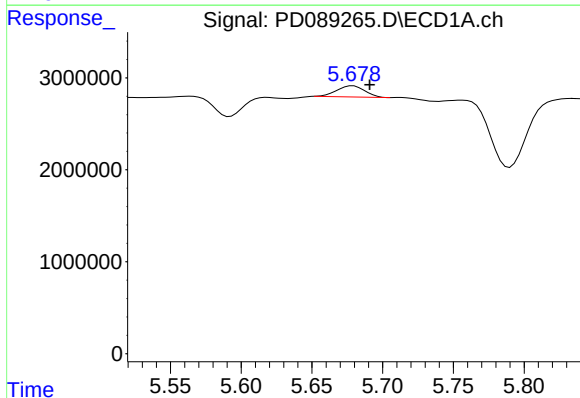
R.T.: 4.775 min
Delta R.T.: 0.012 min
Response: 940466
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



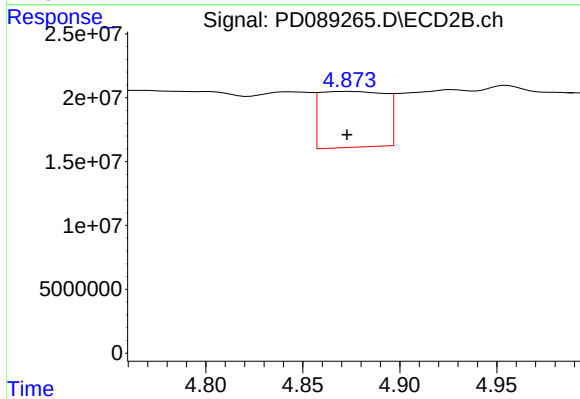
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 951620
Conc: 0.04 ng/ml



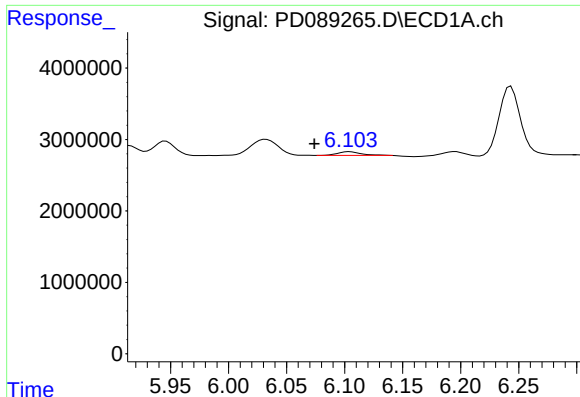
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.012 min
Response: 1680476
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

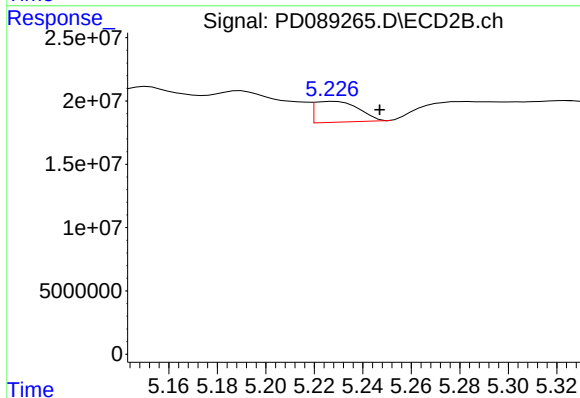
R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 102263363
Conc: 4.67 ng/ml



#9 Endosulfan I

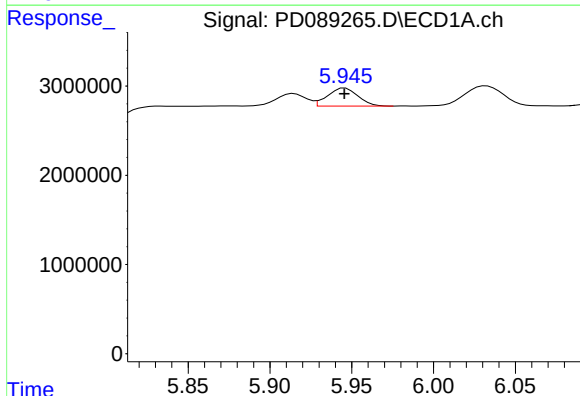
R.T.: 6.105 min
Delta R.T.: 0.030 min
Response: 740577
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



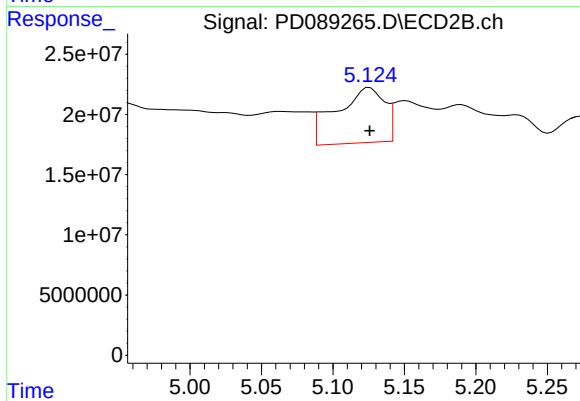
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 20906656
Conc: 1.00 ng/ml



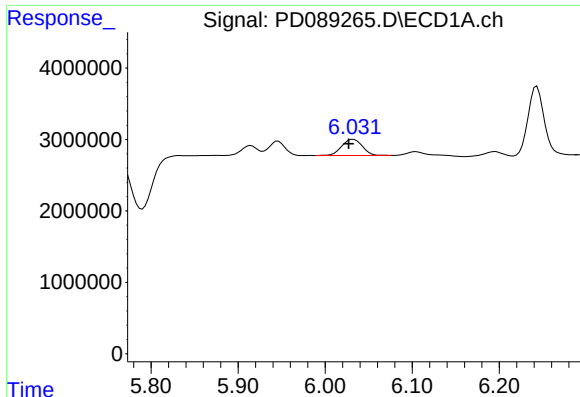
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2603473
Conc: 0.54 ng/ml



#10 gamma-Chlordane

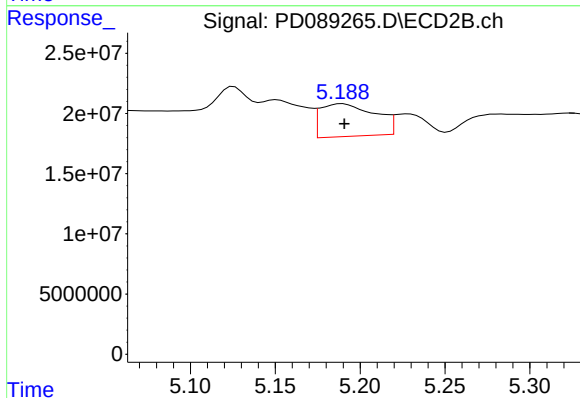
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 107859727
Conc: 4.51 ng/ml



#11 alpha-Chlordane

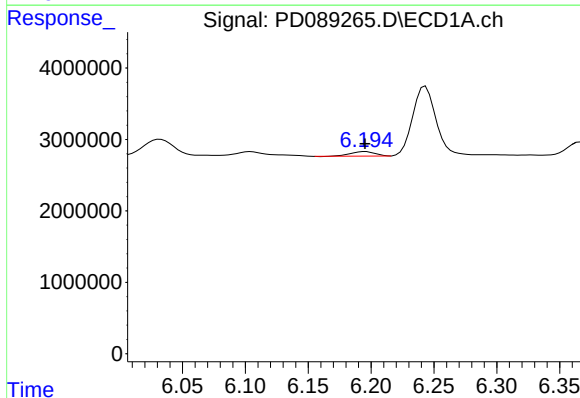
R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 3744521
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



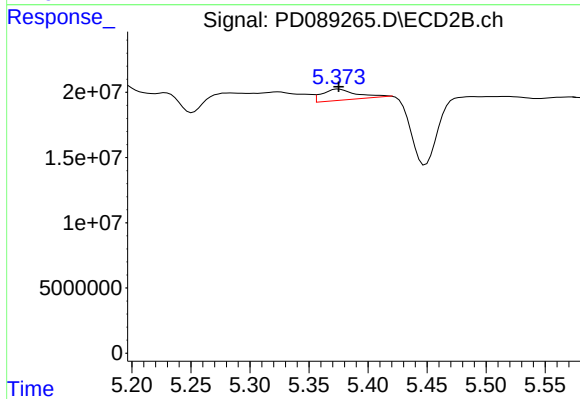
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 60917939
Conc: 2.66 ng/ml



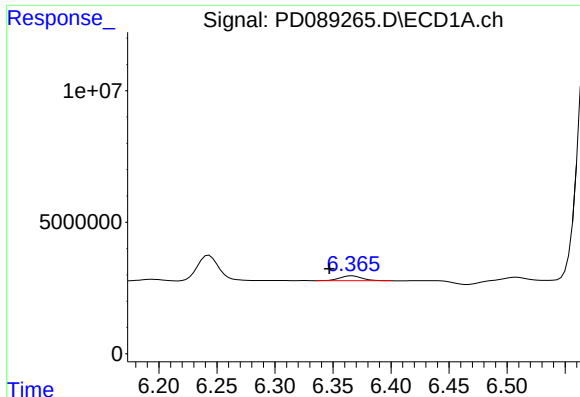
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 832749
Conc: 0.19 ng/ml



#12 4,4'-DDE

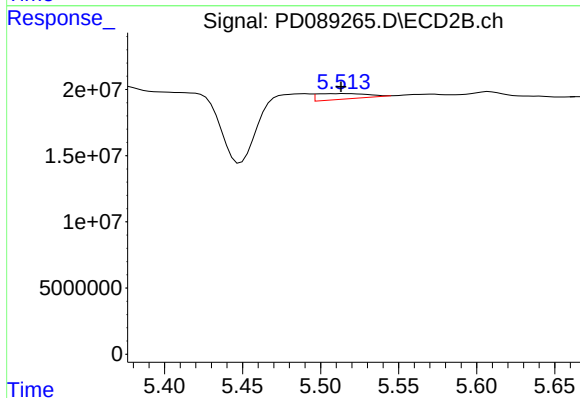
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 16917225
Conc: 0.74 ng/ml



#13 Dieldrin

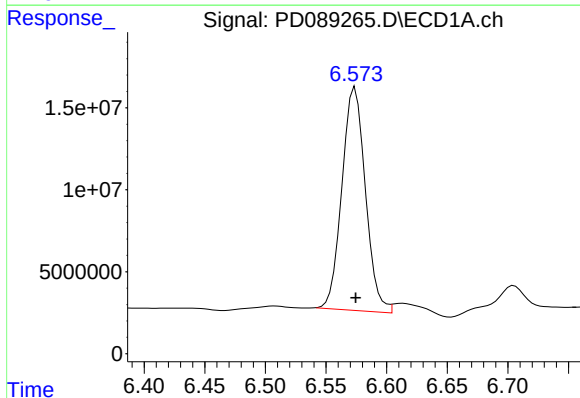
R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 2403969
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



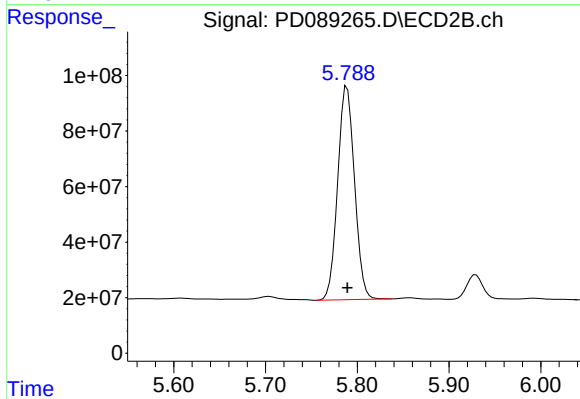
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: 0.002 min
Response: 9422930
Conc: 0.41 ng/ml



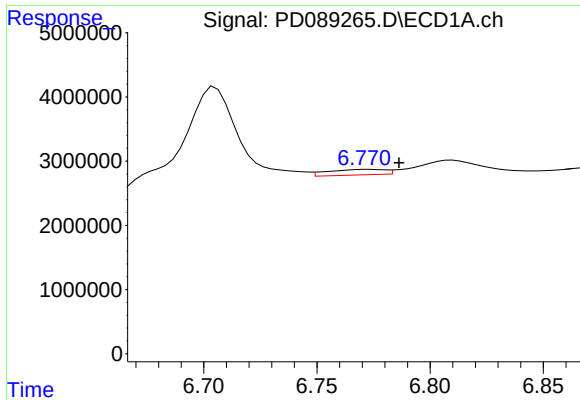
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 183648152
Conc: 44.51 ng/ml



#14 Endrin

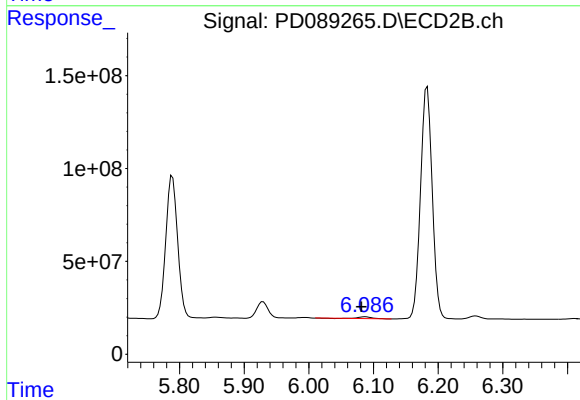
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 980555114
Conc: 45.16 ng/ml



#15 Endosulfan II

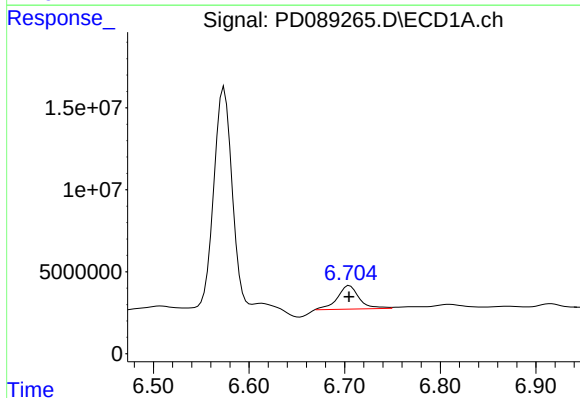
R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 1487432
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



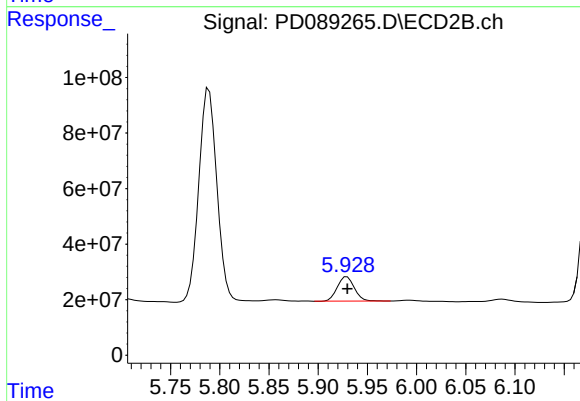
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 14168249
Conc: 0.70 ng/ml



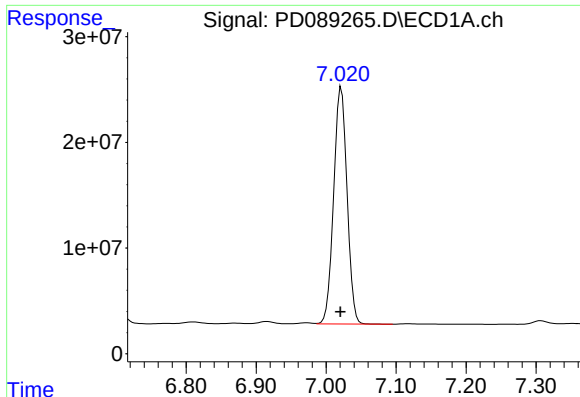
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 22764049
Conc: 6.63 ng/ml



#16 4,4'-DDD

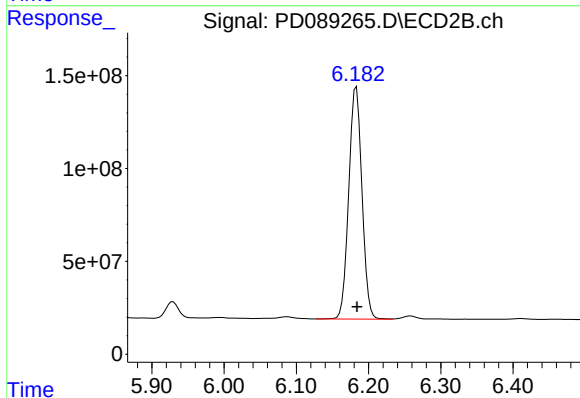
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 105926447
Conc: 5.54 ng/ml



#17 4,4'-DDT

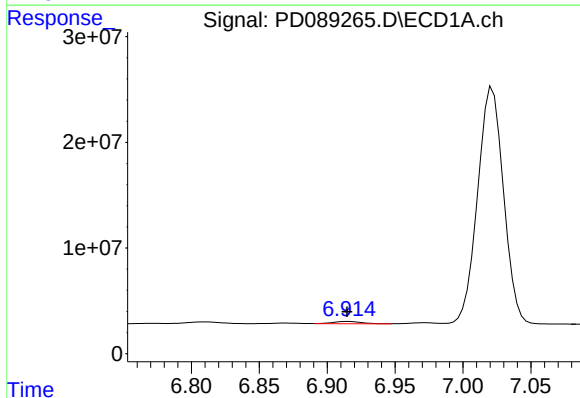
R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 298004872
Conc: 78.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



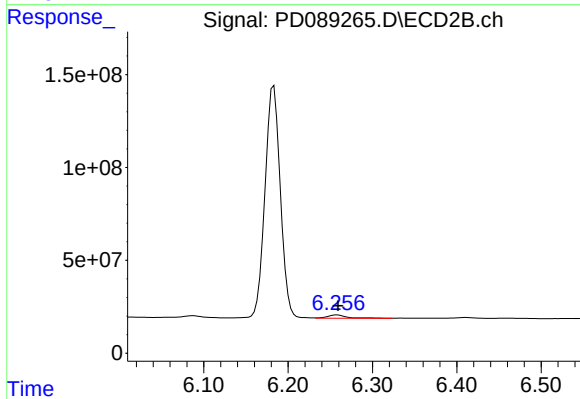
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 1581914044
Conc: 78.01 ng/ml



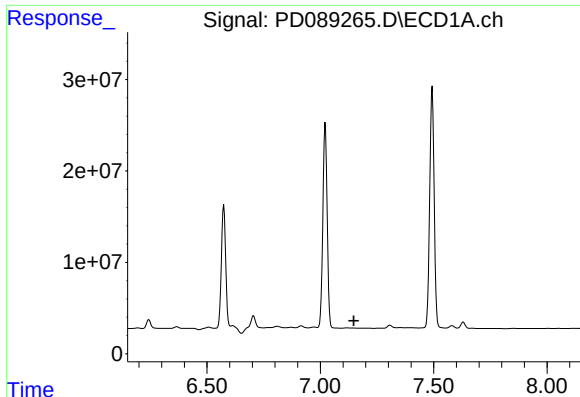
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3048057
Conc: 0.99 ng/ml



#18 Endrin aldehyde

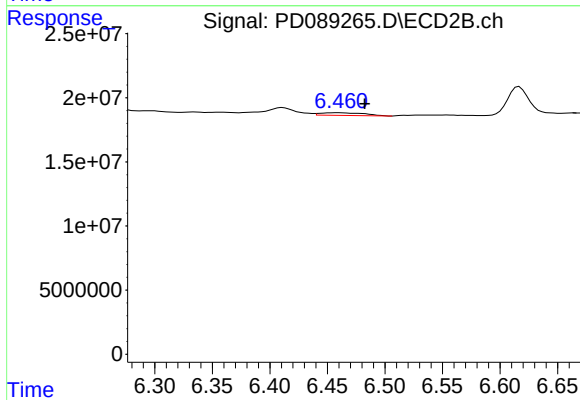
R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 27499938
Conc: 1.80 ng/ml



#19 Endosulfan Sulfate

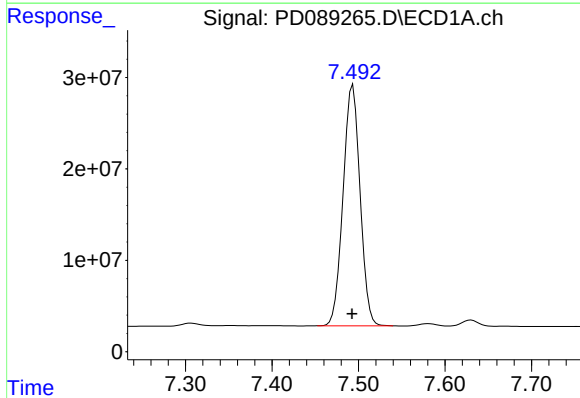
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



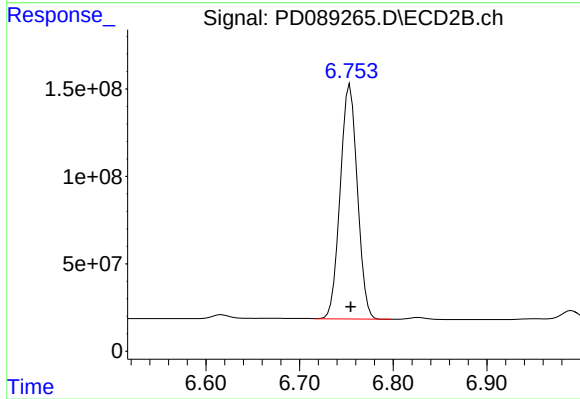
#19 Endosulfan Sulfate

R.T.: 6.459 min
Delta R.T.: -0.024 min
Response: 5558448
Conc: 0.28 ng/ml



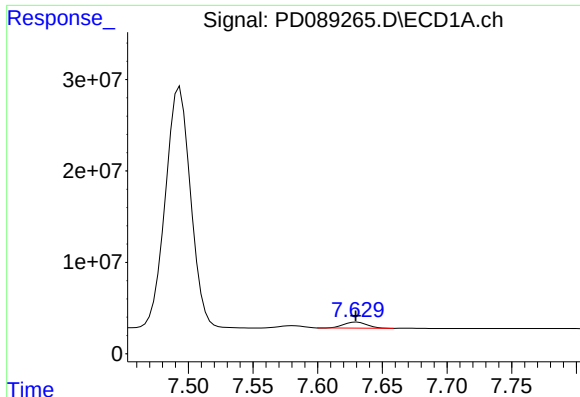
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 357455791
Conc: 176.90 ng/ml



#20 Methoxychlor

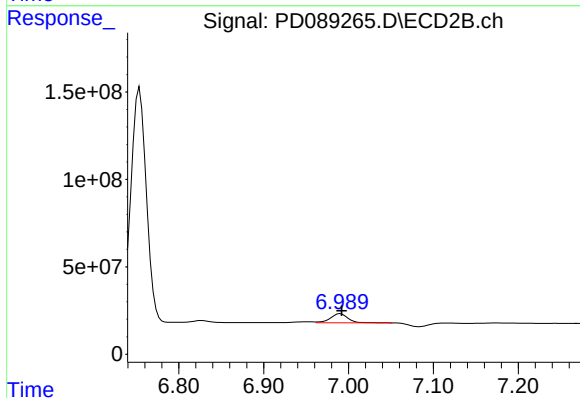
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 1711586525
Conc: 158.95 ng/ml



#21 Endrin ketone

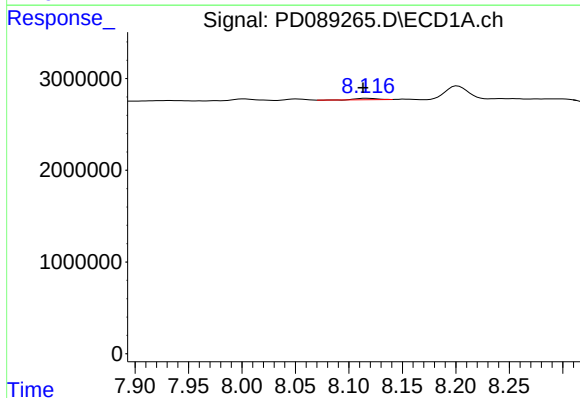
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 8031459
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



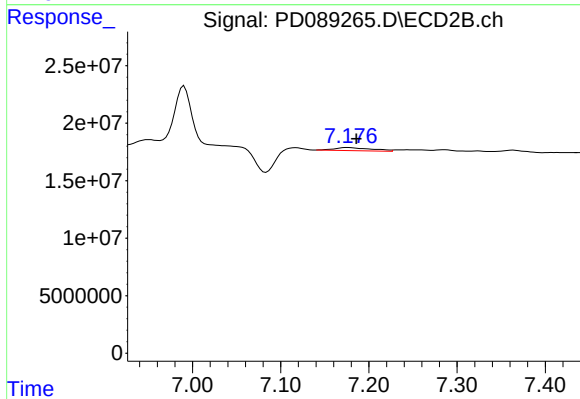
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 74220675
Conc: 3.44 ng/ml



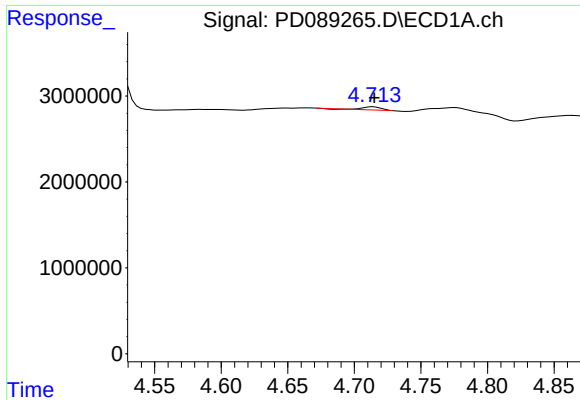
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.004 min
Response: 204188
Conc: 0.07 ng/ml



#22 Mirex

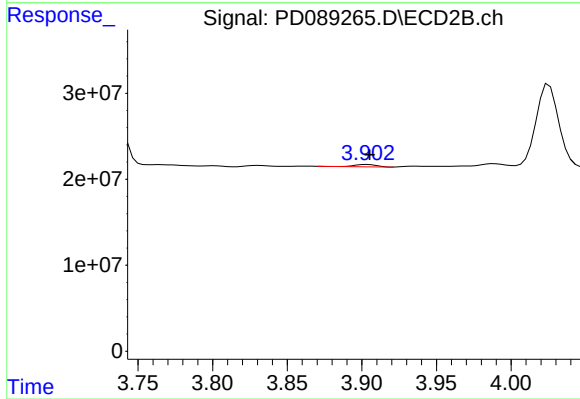
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 7998521
Conc: 0.48 ng/ml



#23 Chlordane-1

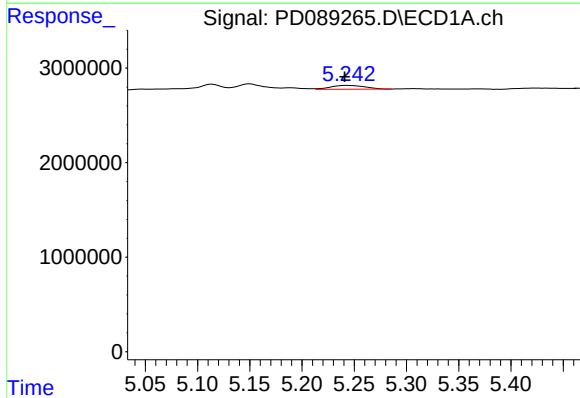
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 320790
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



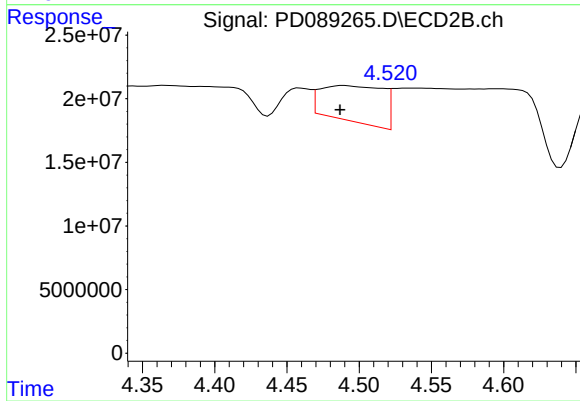
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 2745848
Conc: 2.95 ng/ml



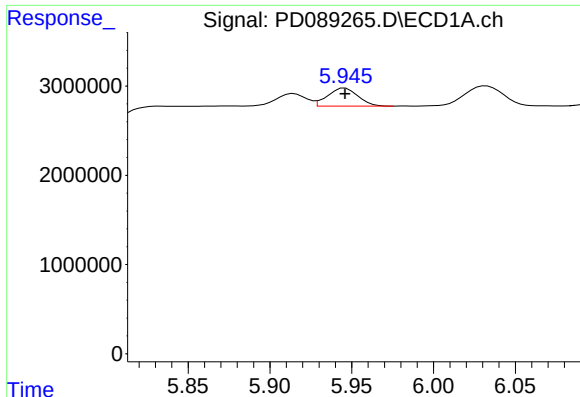
#24 Chlordane-2

R.T.: 5.243 min
Delta R.T.: 0.003 min
Response: 926025
Conc: 4.24 ng/ml



#24 Chlordane-2

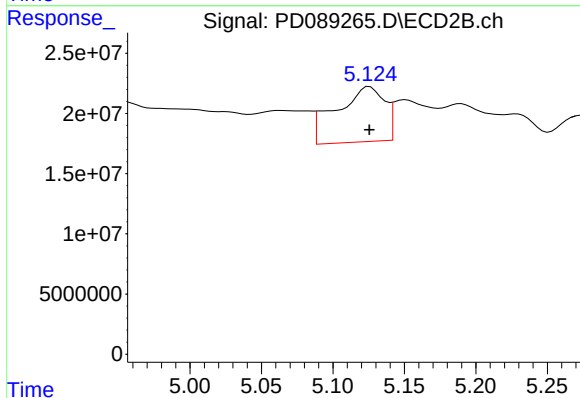
R.T.: 4.489 min
Delta R.T.: 0.003 min
Response: 84458848
Conc: 88.75 ng/ml



#25 Chlordane-3

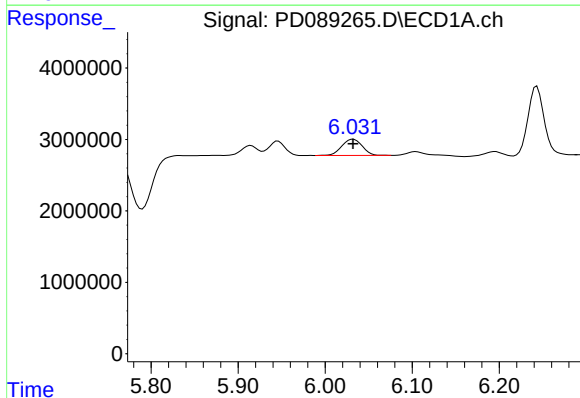
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2603473
Conc: 3.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



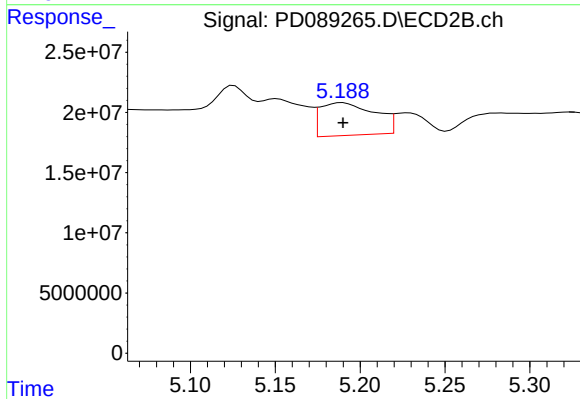
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 107859727
Conc: 36.31 ng/ml



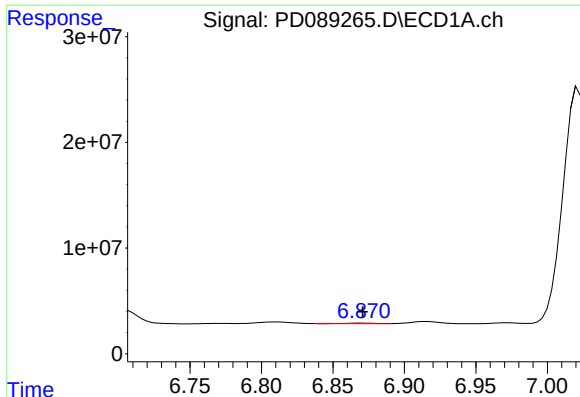
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 3744521
Conc: 3.56 ng/ml



#26 Chlordane-4

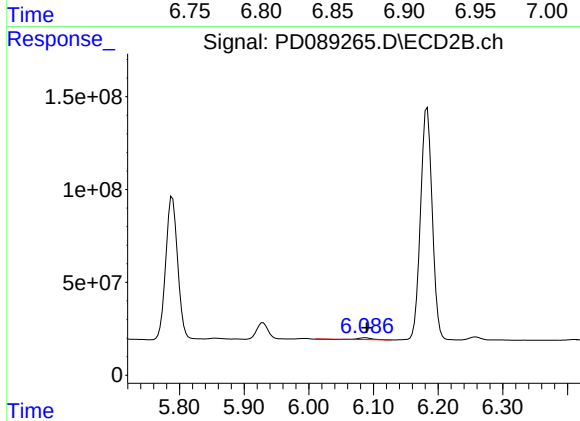
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 60917939
Conc: 24.30 ng/ml



#27 Chlordane-5

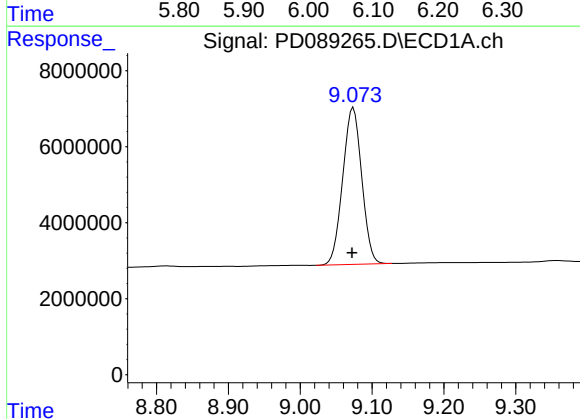
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 572361
Conc: 3.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



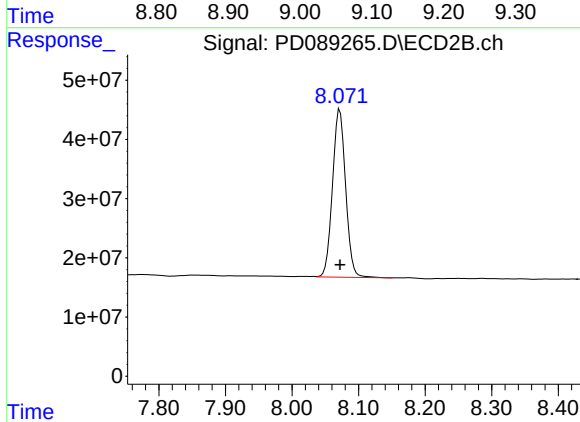
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 14168249
Conc: 12.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 75689745
Conc: 19.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 388493883
Conc: 19.65 ng/ml