

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 11:01
 Operator : AR\AJ
 Sample : PB168066BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168066BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:30:10 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...	3.553	2.881	45797347	343.3E6	21.166	22.693
28)	SA Decachlor...	9.079	8.076	81423465	428.9E6	23.792	23.493
Target Compounds							
2)	A alpha-BHC	4.003	3.394	254.6E6	1269.7E6	53.311	53.119
3)	MA gamma-BHC...	4.334	3.731	245.3E6	1182.0E6	53.287	53.324
4)	MA Heptachlor	4.934	4.084	235.8E6	1149.3E6	52.745	51.184
5)	MB Aldrin	5.275	4.370	239.8E6	1174.9E6	54.566	53.576
6)	B beta-BHC	4.519	4.026	94315767	516.2E6	52.306	52.988
7)	B delta-BHC	4.768	4.263	226.8E6	1125.6E6	53.662	50.488
8)	B Heptachlo...	5.695	4.874	215.1E6	1056.4E6	54.198	53.164
9)	A Endosulfan I	6.079	5.249	204.5E6	1008.0E6	54.344	53.113
10)	B gamma-Chl...	5.950	5.127	218.1E6	1140.4E6	54.666	53.459
11)	B alpha-Chl...	6.031	5.192	217.7E6	1096.6E6	54.333	53.168
12)	B 4,4'-DDE	6.200	5.377	197.3E6	1112.4E6	54.970	53.219
13)	MA Dieldrin	6.352	5.514	220.8E6	1126.7E6	55.035	53.540
14)	MA Endrin	6.579	5.791	182.5E6	996.2E6	53.425	51.661
15)	B Endosulfa...	6.791	6.082	185.1E6	971.9E6	53.750	53.046
16)	A 4,4'-DDD	6.709	5.931	164.8E6	990.4E6	59.157	56.947
17)	MA 4,4'-DDT	7.025	6.186	141.4E6	811.5E6	45.276	44.743
18)	B Endrin al...	6.919	6.261	132.3E6	704.8E6	51.401	50.599
19)	B Endosulfa...	7.154	6.484	169.9E6	919.9E6	53.036	51.806
20)	A Methoxychlor	7.498	6.757	76445892	443.0E6	45.761	46.268
21)	B Endrin ke...	7.635	6.994	186.6E6	1032.6E6	54.500	53.373
22)	Mirex	8.119	7.188	136.1E6	784.7E6	52.394	51.620
23)	Chlordane-1	0.000	3.898	0	368092	N.D.	0.445 #
24)	Chlordane-2	0.000	4.508	0	12166070	N.D.	14.415 #
25)	Chlordane-3	5.950	5.127	218.1E6	1140.4E6	294.713	432.486 #
26)	Chlordane-4	6.031	5.192	217.7E6	1096.6E6	242.890	495.633 #
27)	Chlordane-5	0.000	6.082	0	971.9E6	N.D.	971.060 #

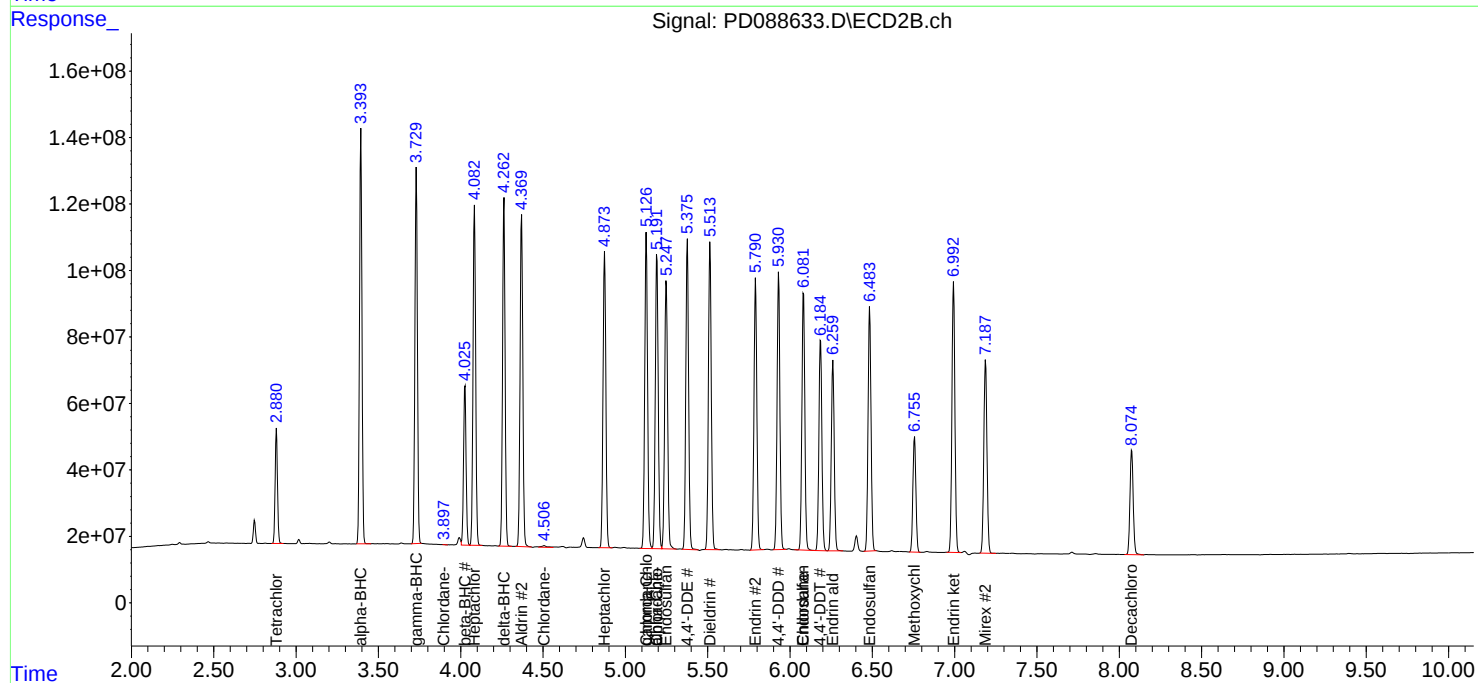
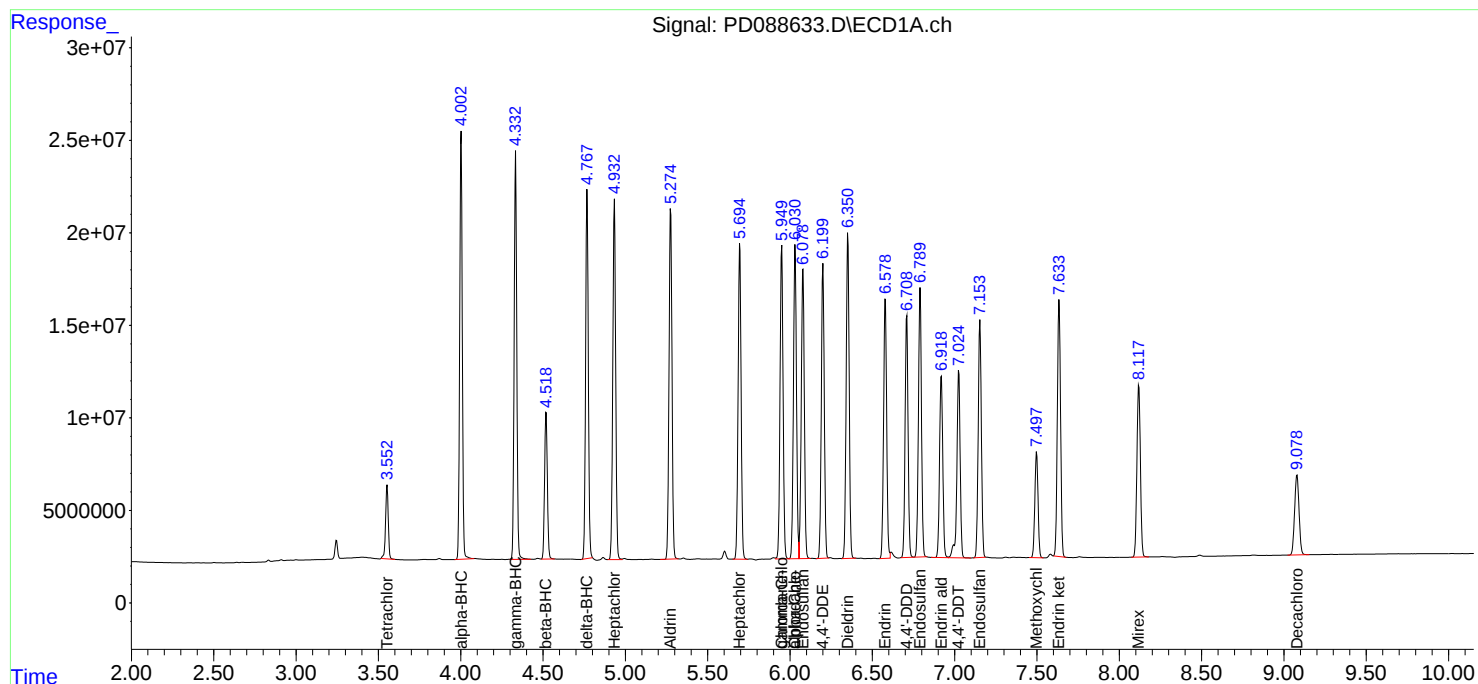
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

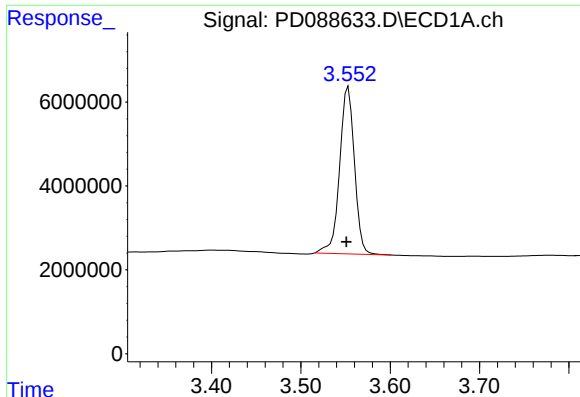
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 11:01
Operator : AR\AJ
Sample : PB168066BS
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ALS Vial : 7 Sample Multiplier: 1

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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

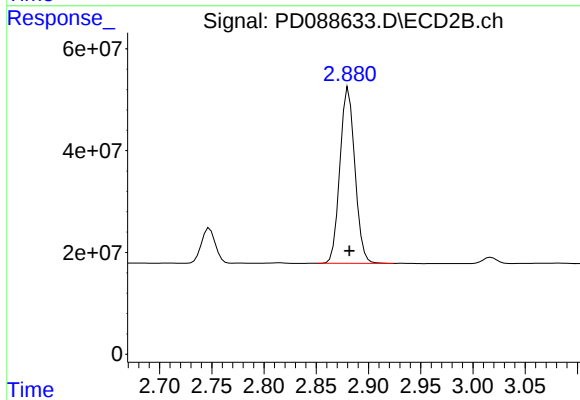




#1 Tetrachloro-m-xylene

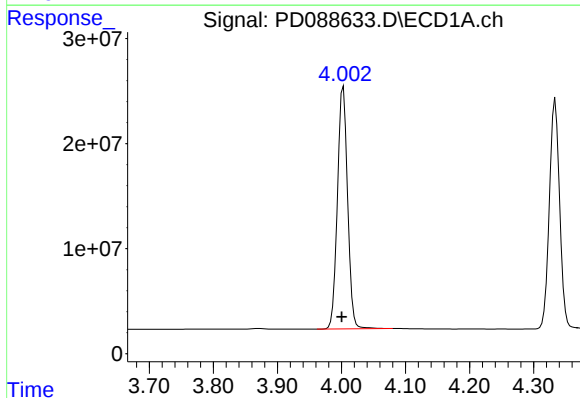
R.T.: 3.553 min
Delta R.T.: 0.002 min
Response: 45797347
Conc: 21.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



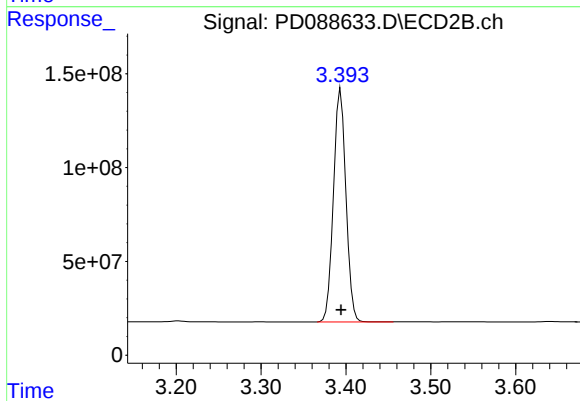
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 343279679
Conc: 22.69 ng/ml



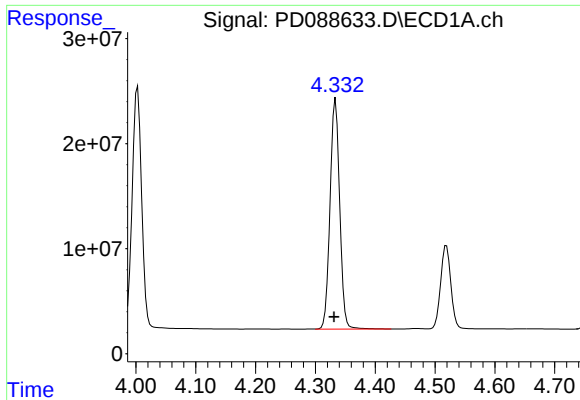
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 254641371
Conc: 53.31 ng/ml



#2 alpha-BHC

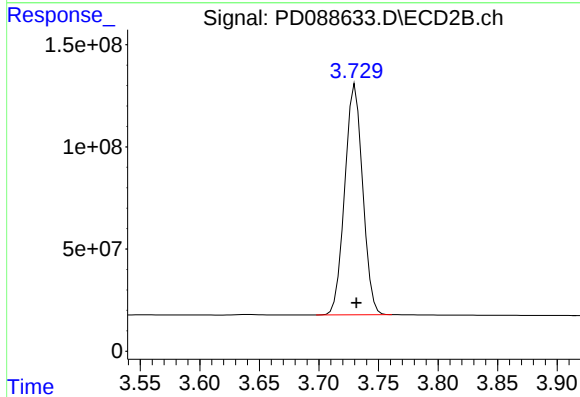
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1269744006
Conc: 53.12 ng/ml



#3 gamma-BHC (Lindane)

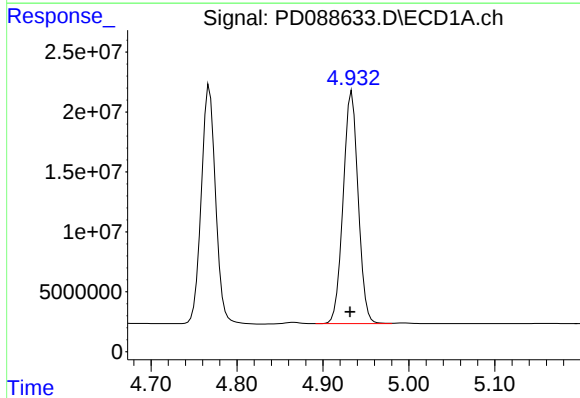
R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 245264750
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



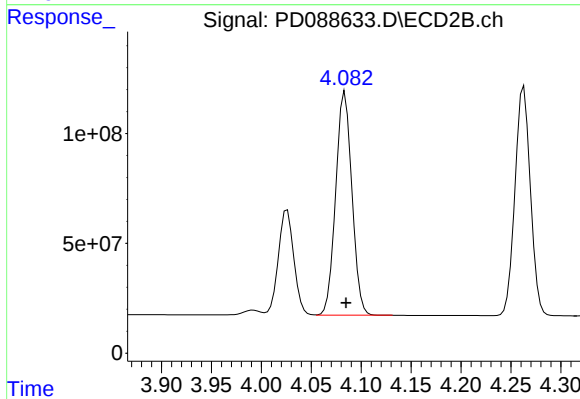
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1181969038
Conc: 53.32 ng/ml



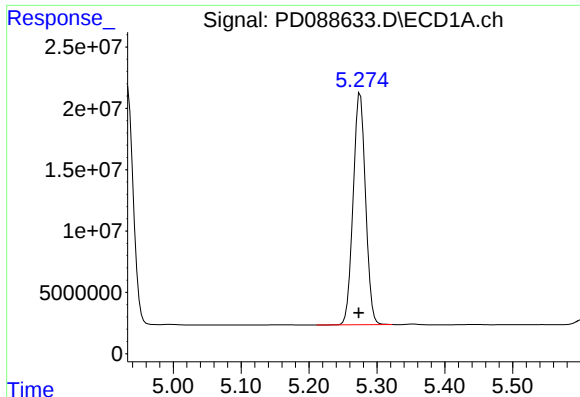
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.002 min
Response: 235836669
Conc: 52.75 ng/ml



#4 Heptachlor

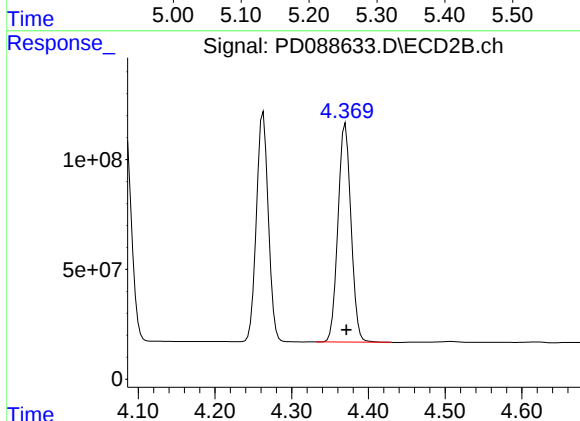
R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1149339863
Conc: 51.18 ng/ml



#5 Aldrin

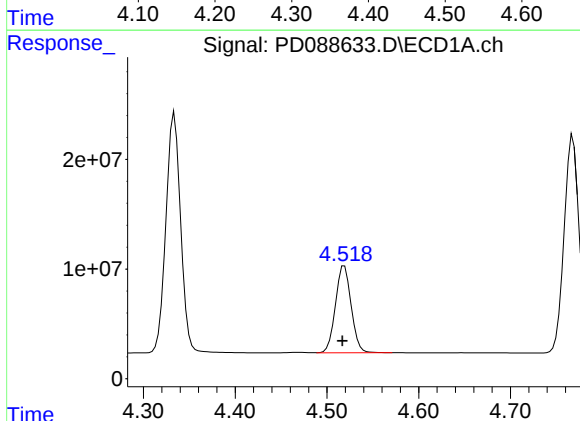
R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 239791812
Conc: 54.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



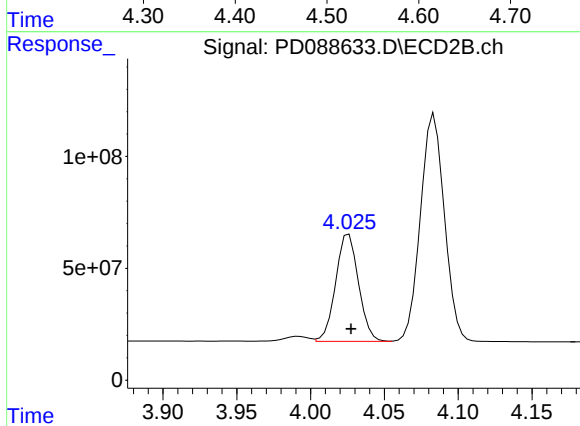
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 1174923891
Conc: 53.58 ng/ml



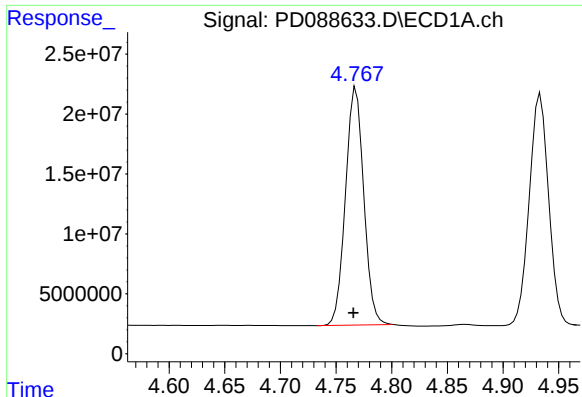
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 94315767
Conc: 52.31 ng/ml



#6 beta-BHC

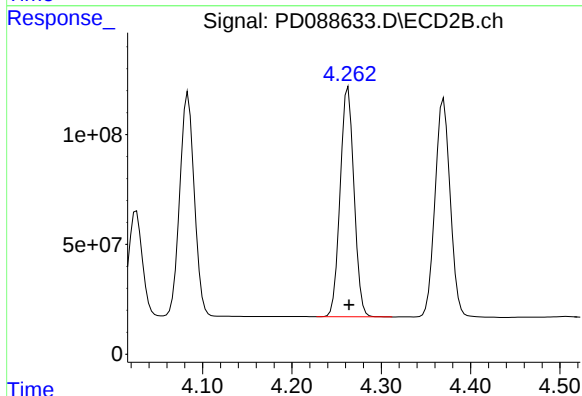
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 516200344
Conc: 52.99 ng/ml



#7 delta-BHC

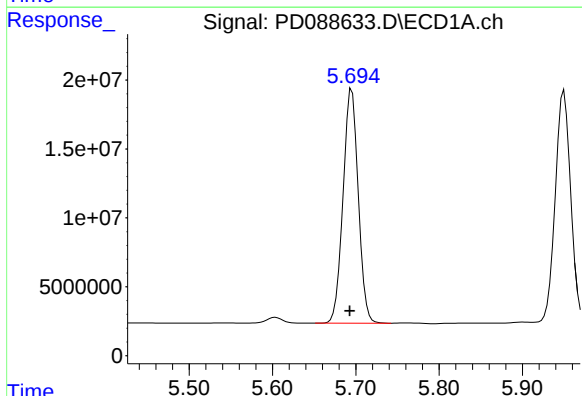
R.T.: 4.768 min
Delta R.T.: 0.003 min
Response: 226782033
Conc: 53.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



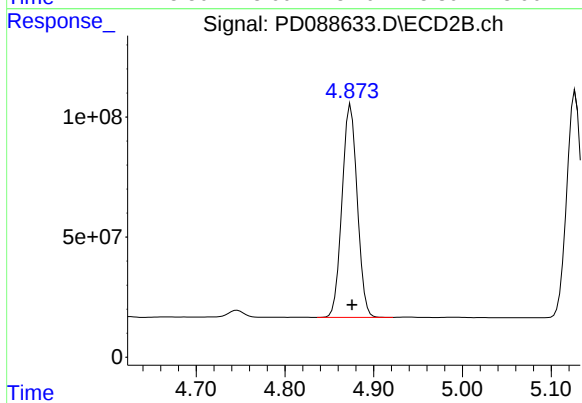
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1125595933
Conc: 50.49 ng/ml



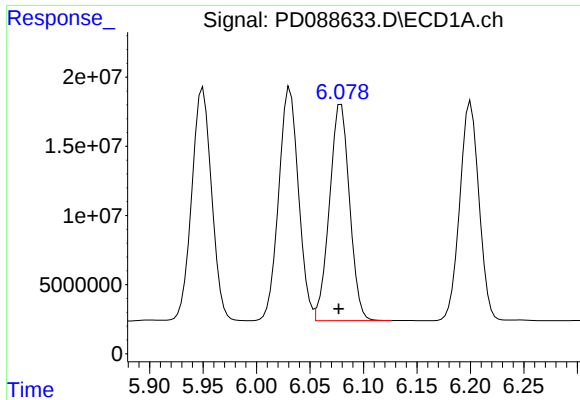
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.003 min
Response: 215126665
Conc: 54.20 ng/ml



#8 Heptachlor epoxide

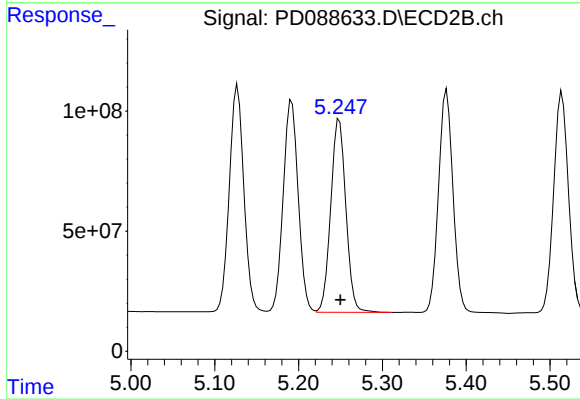
R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 1056436352
Conc: 53.16 ng/ml



#9 Endosulfan I

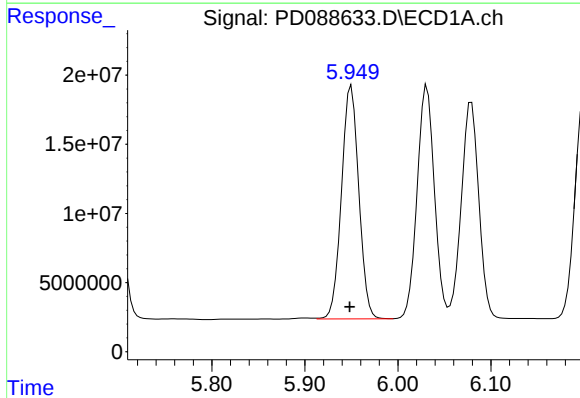
R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 204491915
Conc: 54.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



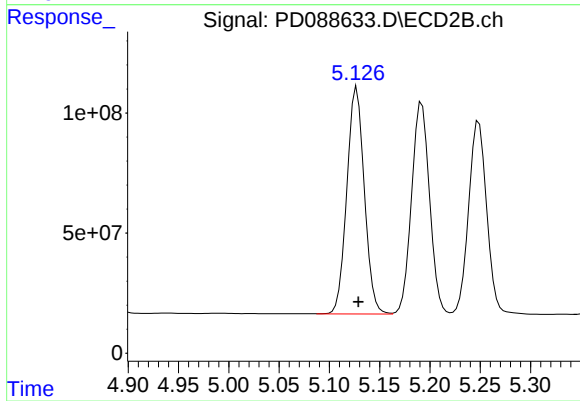
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 1008007286
Conc: 53.11 ng/ml



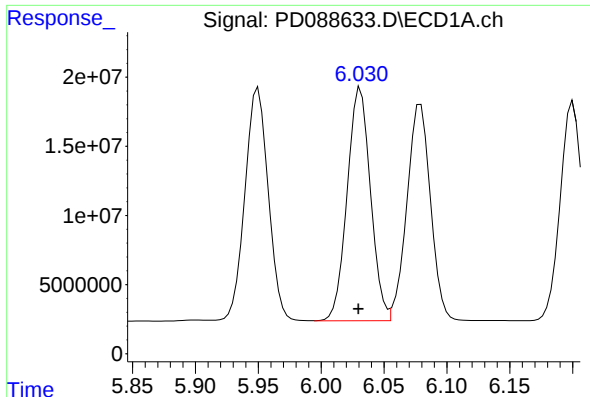
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.002 min
Response: 218059276
Conc: 54.67 ng/ml



#10 gamma-Chlordane

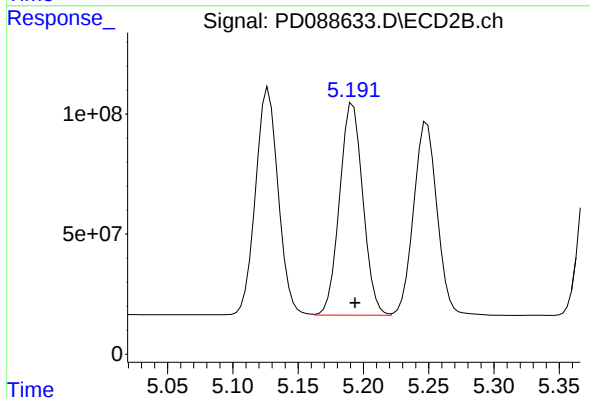
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 1140391847
Conc: 53.46 ng/ml



#11 alpha-Chlordane

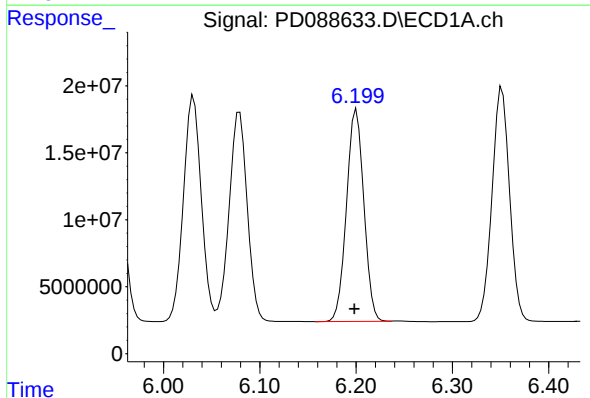
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 217673602
Conc: 54.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



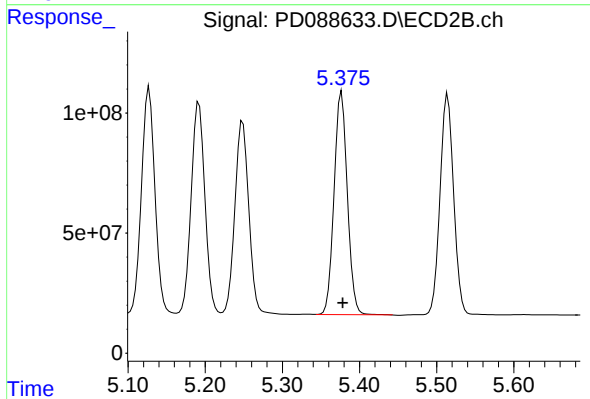
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1096585010
Conc: 53.17 ng/ml



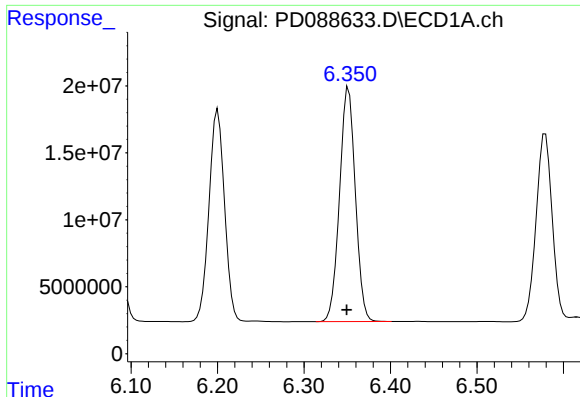
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 197307640
Conc: 54.97 ng/ml



#12 4,4'-DDE

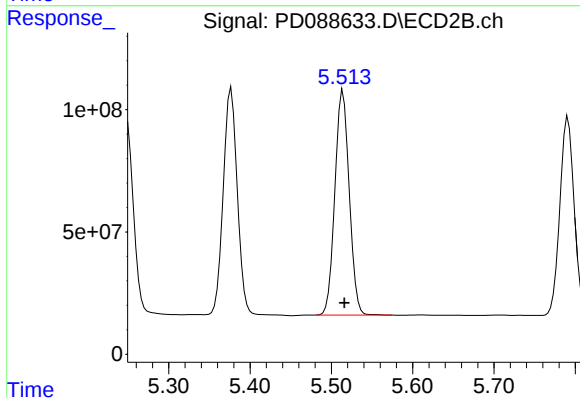
R.T.: 5.377 min
Delta R.T.: -0.001 min
Response: 1112418669
Conc: 53.22 ng/ml



#13 Dieldrin

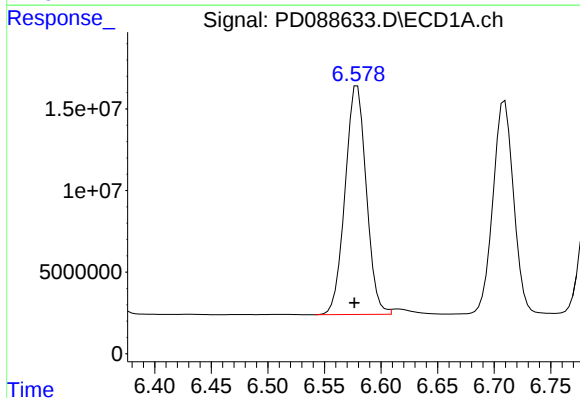
R.T.: 6.352 min
Delta R.T.: 0.002 min
Response: 220783827
Conc: 55.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



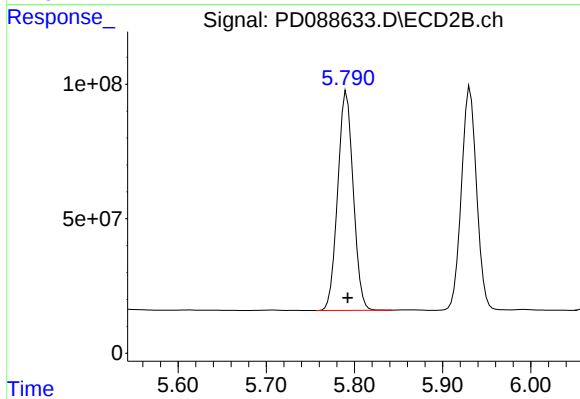
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1126685880
Conc: 53.54 ng/ml



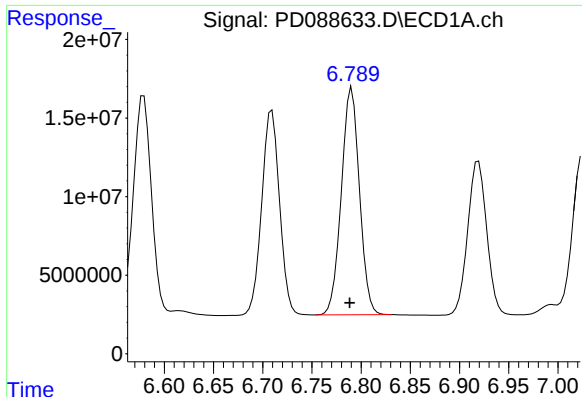
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 182454807
Conc: 53.42 ng/ml



#14 Endrin

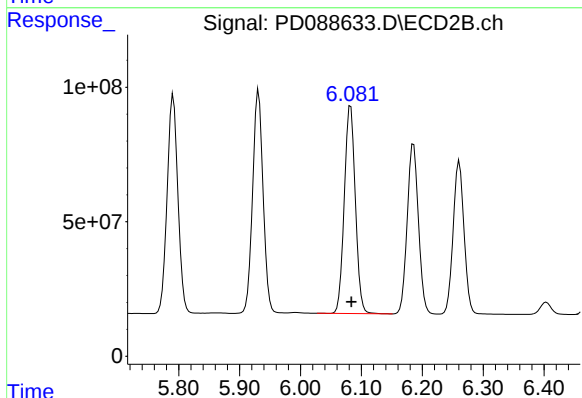
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 996232776
Conc: 51.66 ng/ml



#15 Endosulfan II

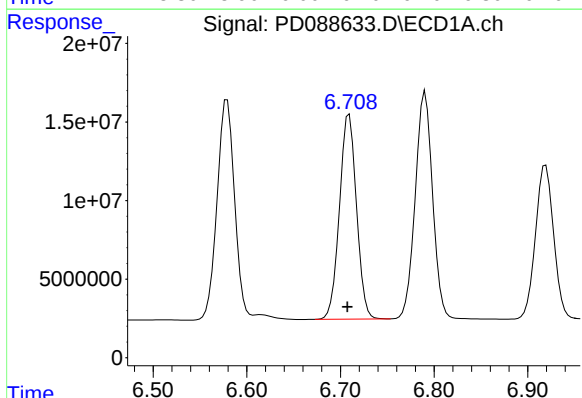
R.T.: 6.791 min
Delta R.T.: 0.002 min
Response: 185091685
Conc: 53.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



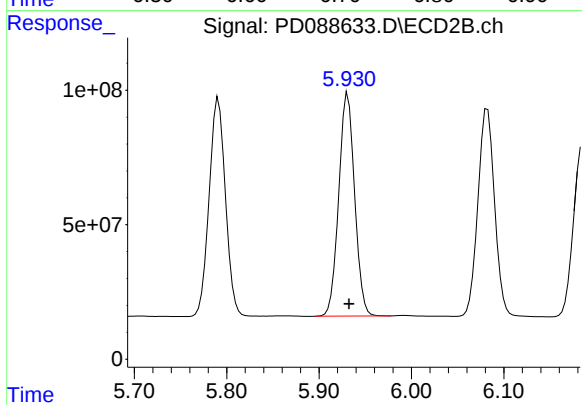
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 971888805
Conc: 53.05 ng/ml



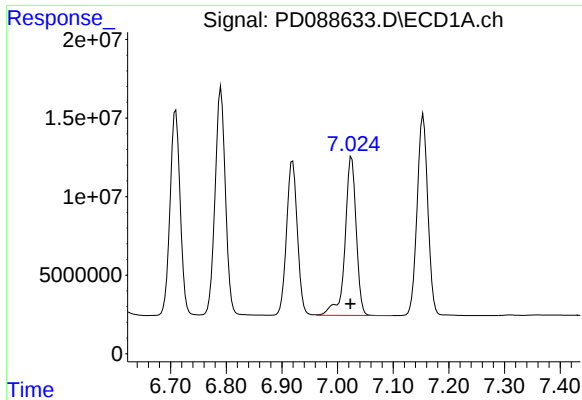
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.002 min
Response: 164757915
Conc: 59.16 ng/ml



#16 4,4'-DDD

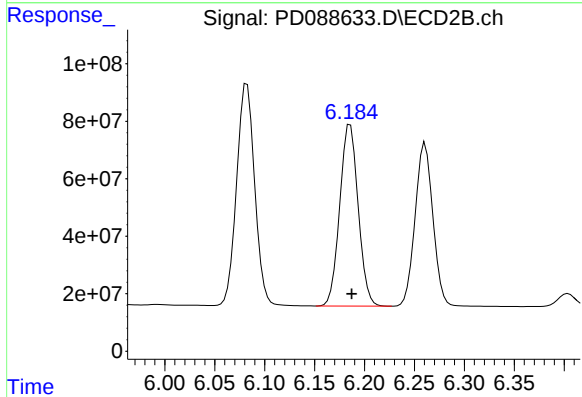
R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 990445466
Conc: 56.95 ng/ml



#17 4,4'-DDT

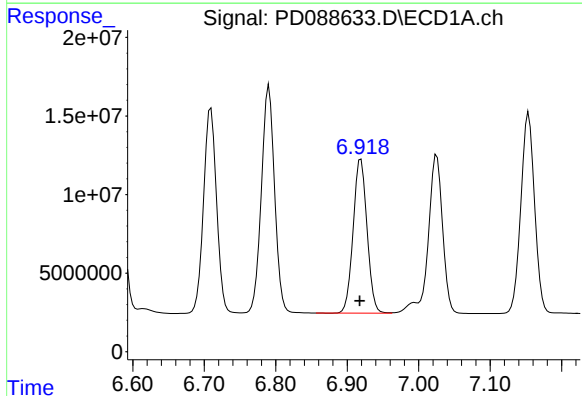
R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 141352158
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



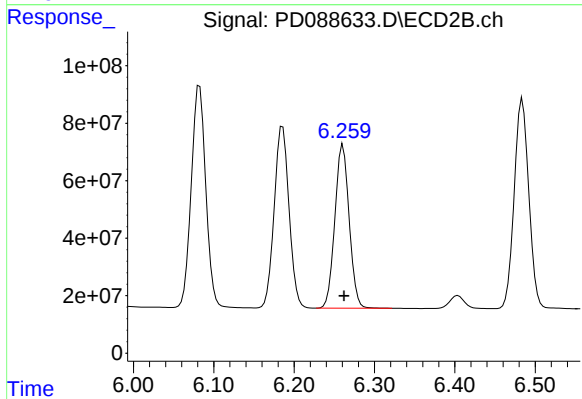
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 811524502
Conc: 44.74 ng/ml



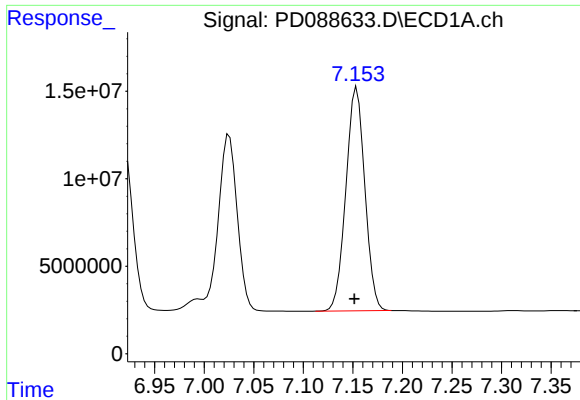
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.002 min
Response: 132336987
Conc: 51.40 ng/ml



#18 Endrin aldehyde

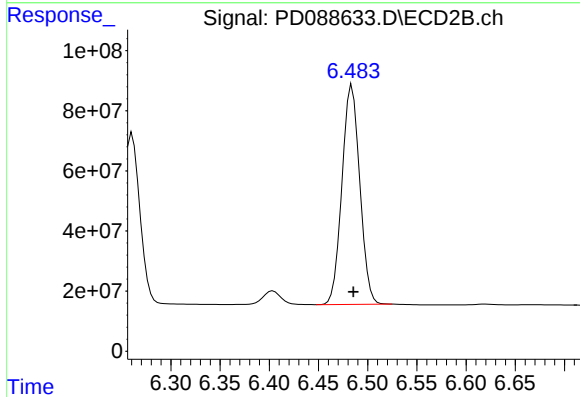
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 704778867
Conc: 50.60 ng/ml



#19 Endosulfan Sulfate

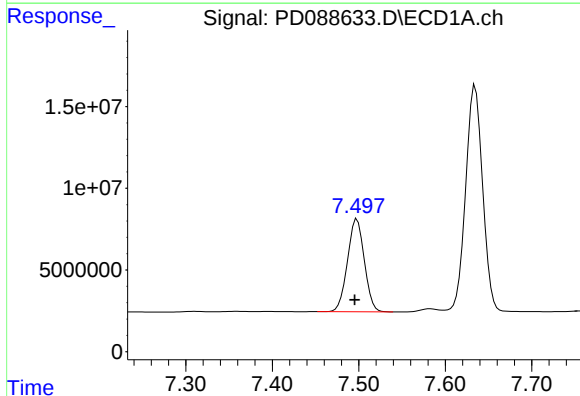
R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 169879249
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



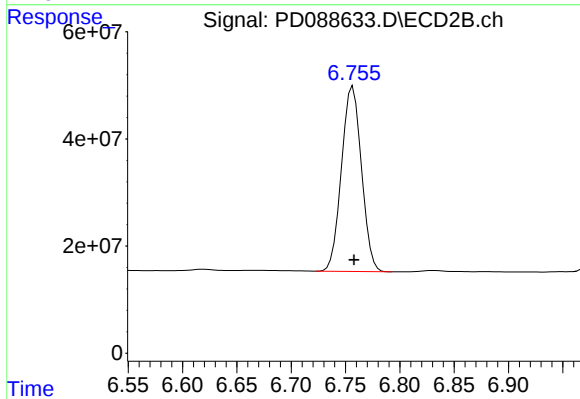
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 919859100
Conc: 51.81 ng/ml



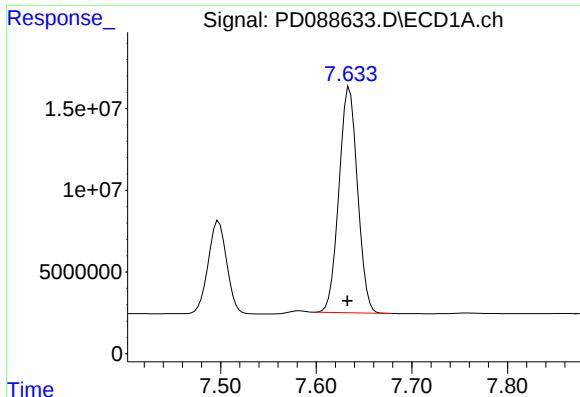
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 76445892
Conc: 45.76 ng/ml



#20 Methoxychlor

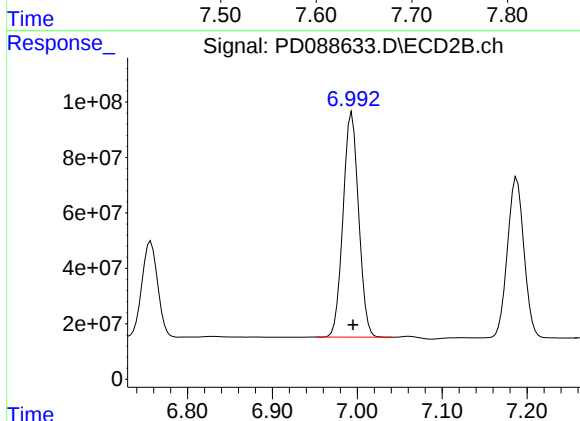
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 443010585
Conc: 46.27 ng/ml



#21 Endrin ketone

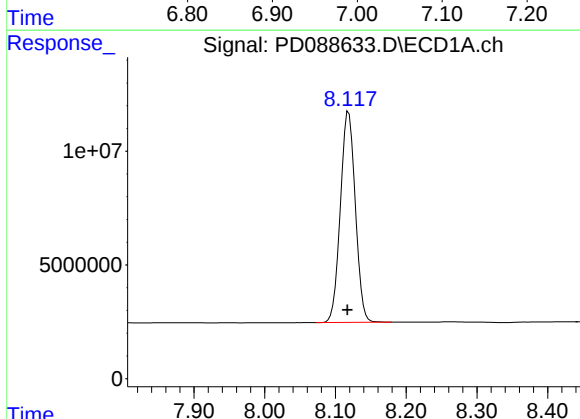
R.T.: 7.635 min
Delta R.T.: 0.002 min
Response: 186561105
Conc: 54.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



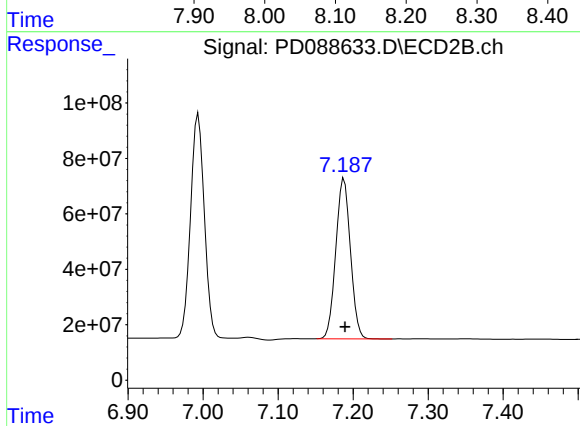
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 1032621328
Conc: 53.37 ng/ml



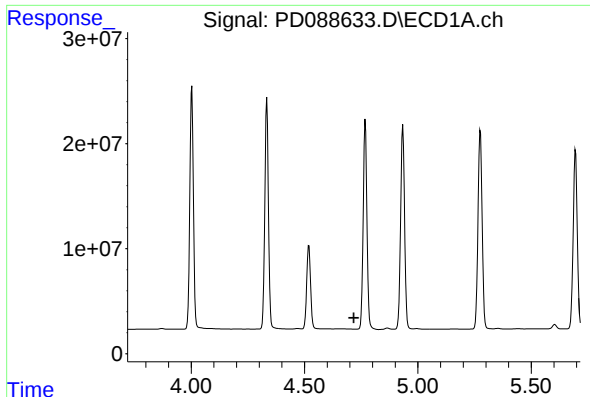
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 136134027
Conc: 52.39 ng/ml



#22 Mirex

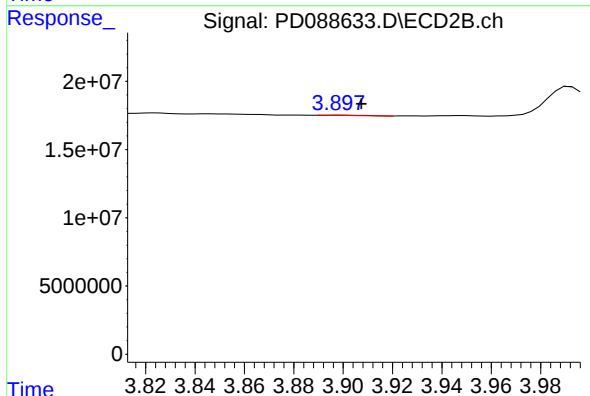
R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 784747446
Conc: 51.62 ng/ml



#23 Chlordane-1

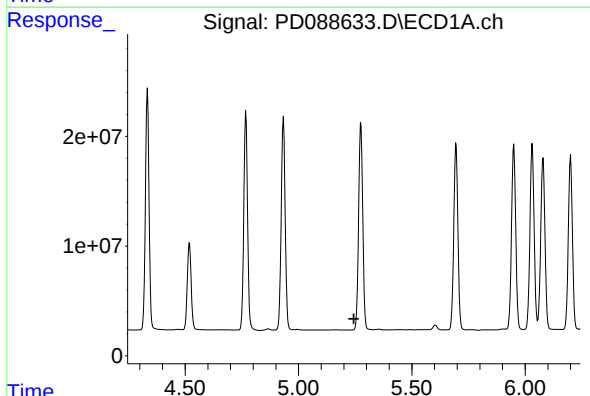
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB168066BS



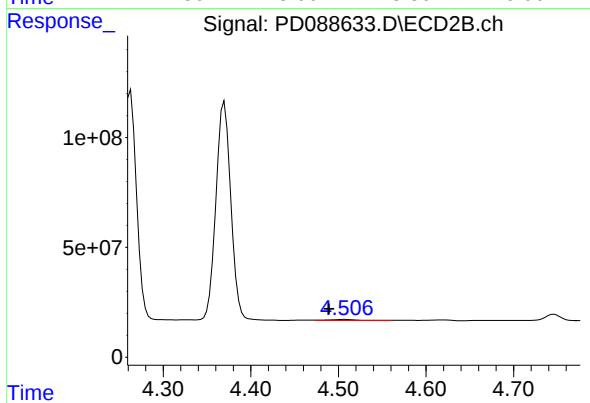
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.009 min
Response: 368092
Conc: 0.45 ng/ml



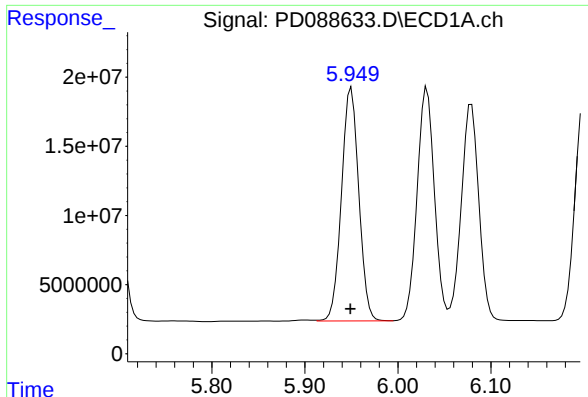
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.244 min
Response: 0
Conc: N.D.



#24 Chlordane-2

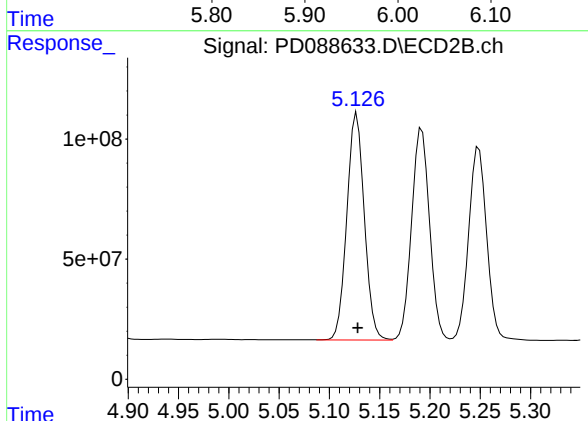
R.T.: 4.508 min
Delta R.T.: 0.019 min
Response: 12166070
Conc: 14.41 ng/ml



#25 Chlordane-3

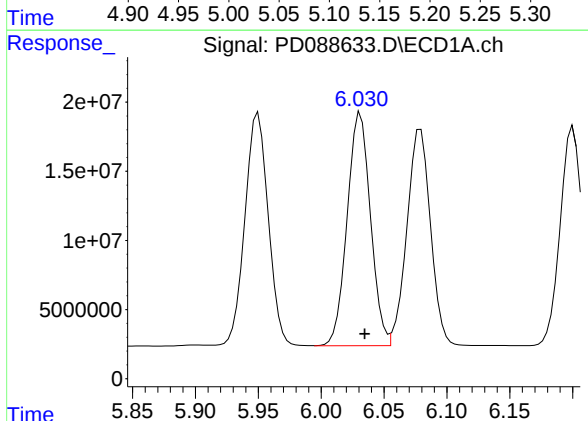
R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 218059276
Conc: 294.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168066BS



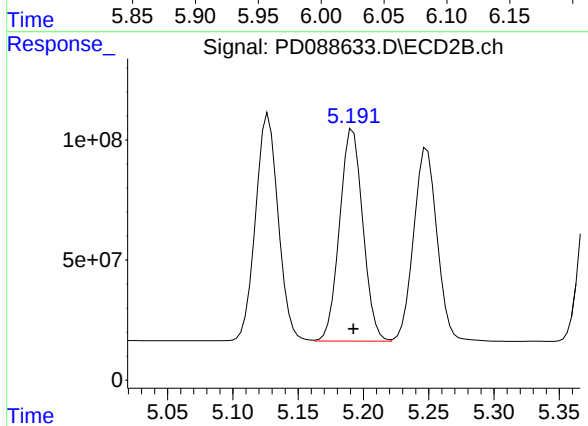
#25 Chlordane-3

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1140391847
Conc: 432.49 ng/ml



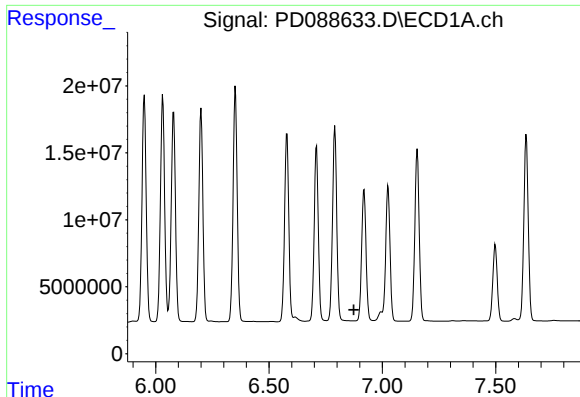
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 217673602
Conc: 242.89 ng/ml



#26 Chlordane-4

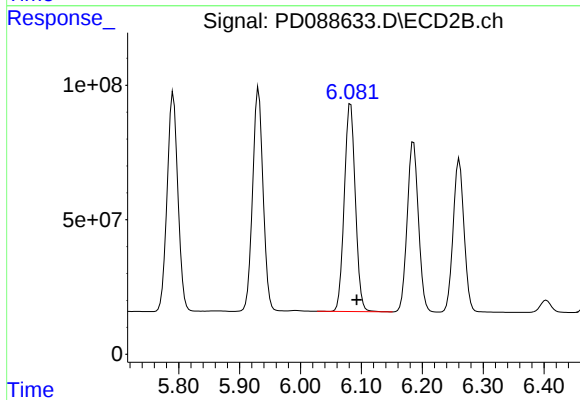
R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 1096585010
Conc: 495.63 ng/ml



#27 Chlordane-5

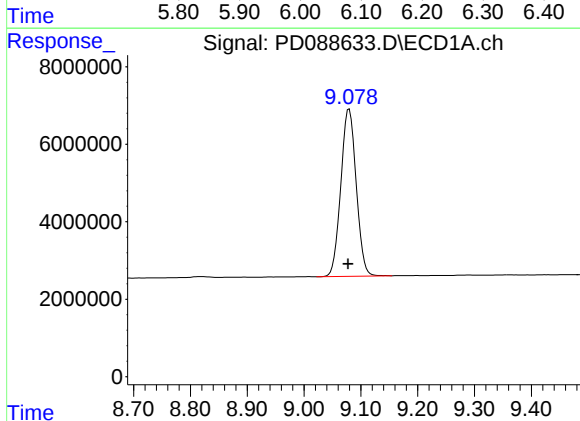
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB168066BS



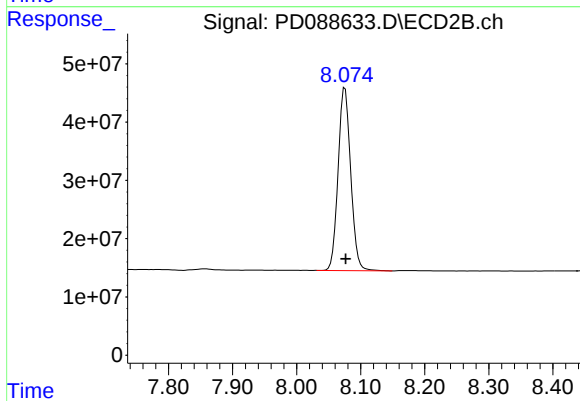
#27 Chlordane-5

R.T.: 6.082 min
Delta R.T.: -0.010 min
Response: 971888805
Conc: 971.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 81423465
Conc: 23.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 428887831
Conc: 23.49 ng/ml