

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075892.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 11:33
 Operator : AR\AJ
 Sample : 03229-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 22:12:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.547	2.768	58373474	26916805	27.404	24.810
28)	SA Decachlor...	9.090	7.913	64912971	25721174	25.623	26.305
Target Compounds							
2)	A alpha-BHC	4.003	3.270	208.3E6	91935059	56.412	57.468
3)	MA gamma-BHC...	4.337	3.600	206.5E6	85973839	61.372	58.349
4)	MA Heptachlor	4.928	3.940	221.1E6	87576917	61.645	57.660
5)	MB Aldrin	5.271	4.220	210.9E6	87109306	60.175	58.416
6)	B beta-BHC	4.533	3.896	85685689	36582973	59.598	57.393
7)	B delta-BHC	4.782	4.126	147.3E6	60899832	44.306	42.029
8)	B Heptachlo...	5.698	4.723	191.3E6	77481222	59.355	56.406
9)	A Endosulfan I	6.086	5.093	178.1E6	72453847	59.362	56.684
10)	B gamma-Chl...	5.955	4.973	193.7E6	78315387	60.121	57.076
11)	B alpha-Chl...	6.035	5.038	190.7E6	77187577	58.998	56.269
12)	B 4,4'-DDE	6.207	5.226	178.1E6	71976314	62.328	64.485
13)	MA Dieldrin	6.361	5.358	187.3E6	76925978	59.950	57.017
14)	MA Endrin	6.592	5.634	157.5E6	68071274	58.898	55.934
15)	B Endosulfa...	6.811	5.928	148.7E6	62443384	57.550	57.880
16)	A 4,4'-DDD	6.725	5.781	143.6E6	59122887	63.102	67.088
17)	MA 4,4'-DDT	7.040	6.033	145.6E6	56326811	64.141	69.343
18)	B Endrin al...	6.941	6.108	93624440	49385600	46.658	57.061
19)	B Endosulfa...	7.177	6.330	139.9E6	60423286	55.545	55.916
20)	A Methoxychlor	7.516	6.608	75190132	29523492	58.089	63.787
21)	B Endrin ke...	7.663	6.837	163.7E6	72387313	58.761	59.580
22)	Mirex	8.139	7.019	117.5E6	54742296	54.821	52.224
23)	Chlordane-1	0.000	3.778	0	315970	N.D.	6.903 #
24)	Chlordane-2	5.271f	0.000	210.9E6	0	1602.214	N.D. #
25)	Chlordane-3	5.955	4.973	193.7E6	78315387	372.936	527.522 #
26)	Chlordane-4	6.035	5.038	190.7E6	77187577	302.645	525.951 #
27)	Chlordane-5	0.000	5.928	0	62443384	N.D.	1291.021 #

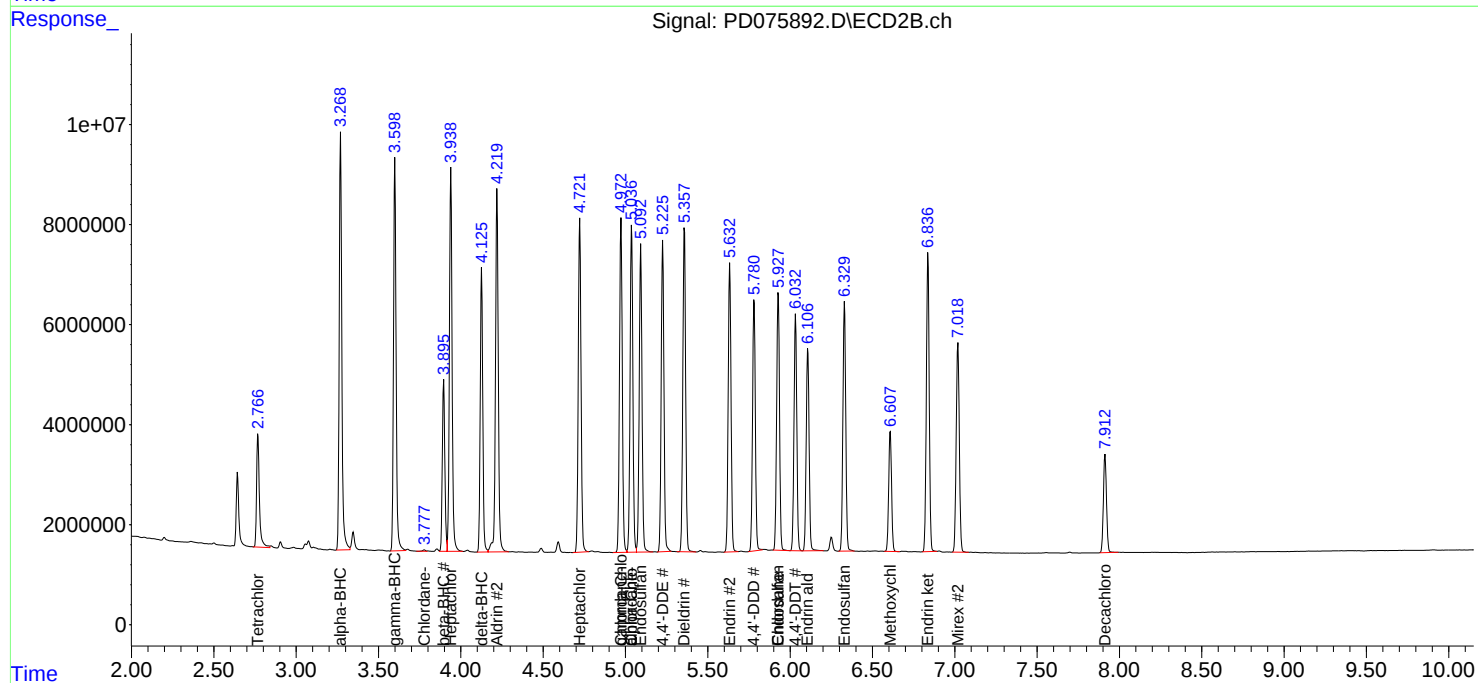
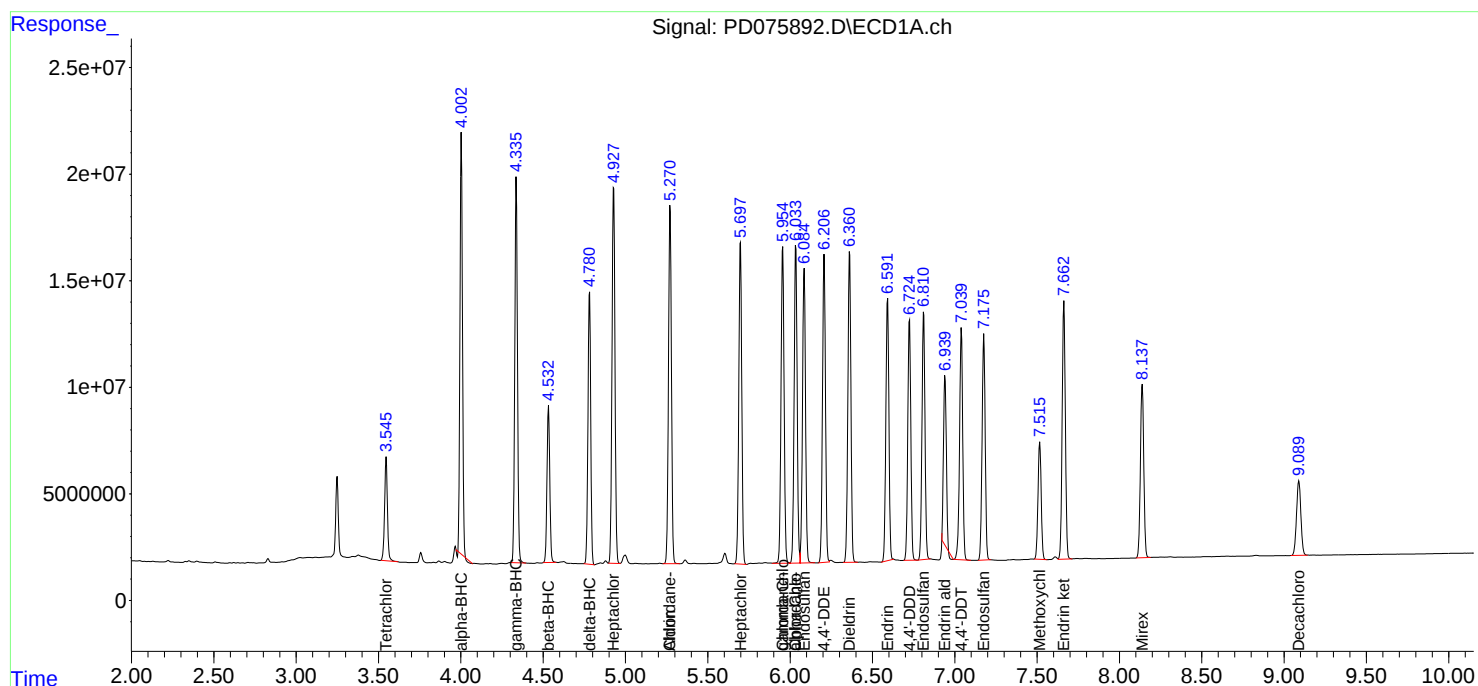
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

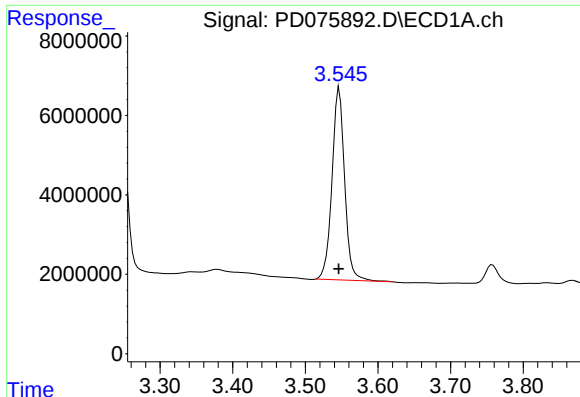
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

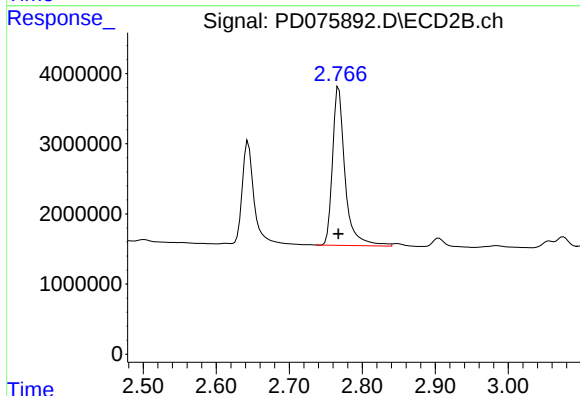




#1 Tetrachloro-m-xylene

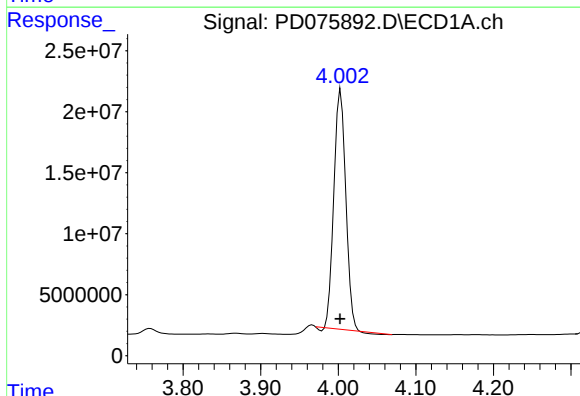
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 58373474
Conc: 27.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



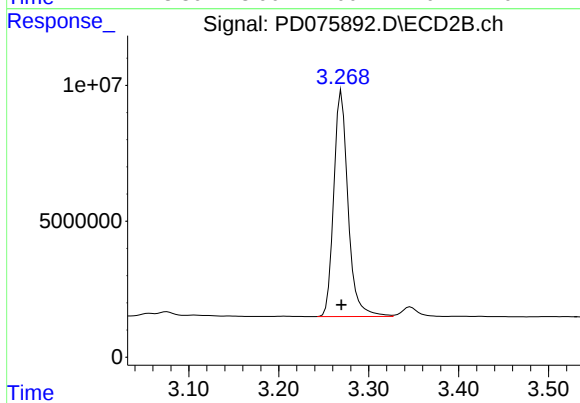
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 26916805
Conc: 24.81 ng/ml



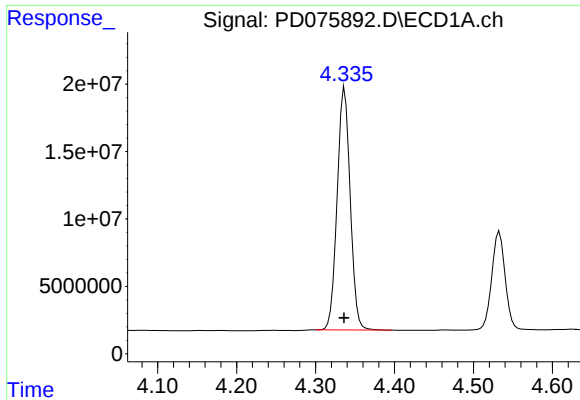
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 208280627
Conc: 56.41 ng/ml



#2 alpha-BHC

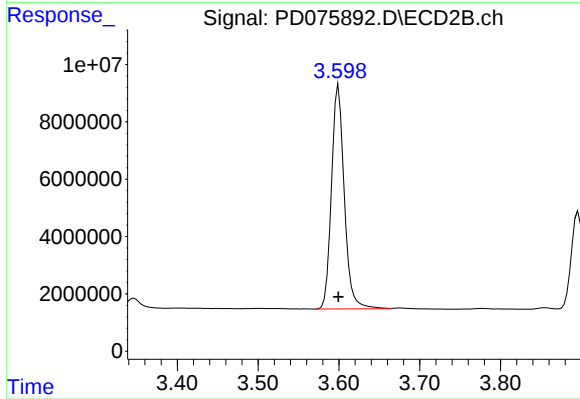
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 91935059
Conc: 57.47 ng/ml



#3 gamma-BHC (Lindane)

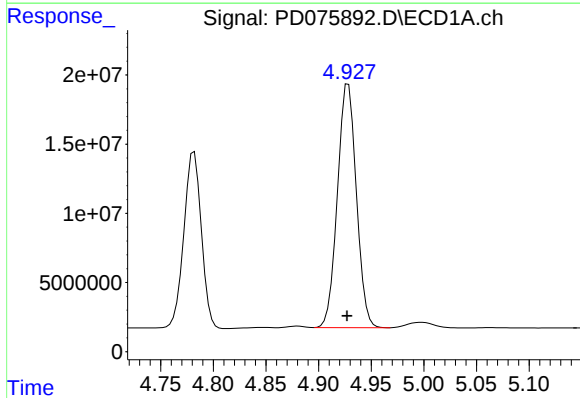
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 206511672
Conc: 61.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



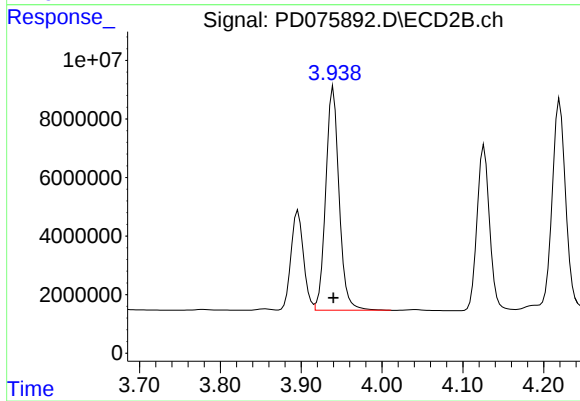
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 85973839
Conc: 58.35 ng/ml



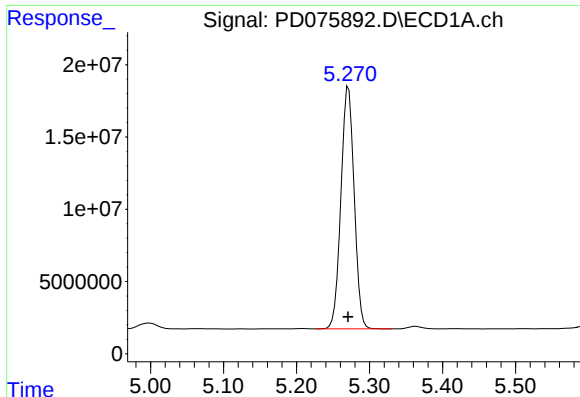
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 221094812
Conc: 61.64 ng/ml



#4 Heptachlor

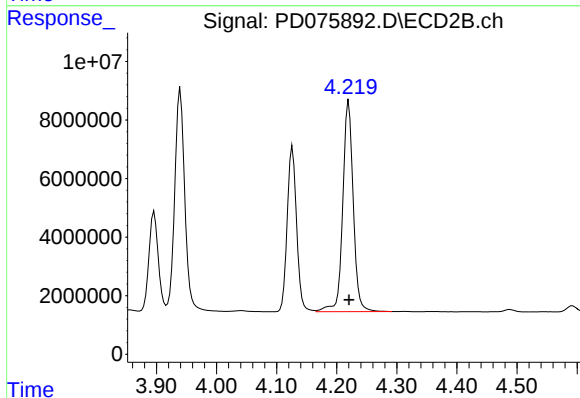
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 87576917
Conc: 57.66 ng/ml



#5 Aldrin

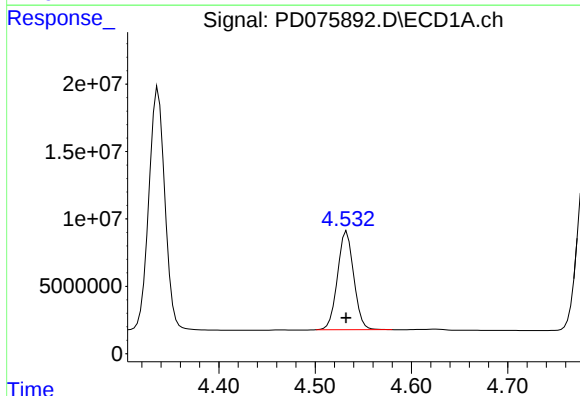
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 210864810
Conc: 60.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



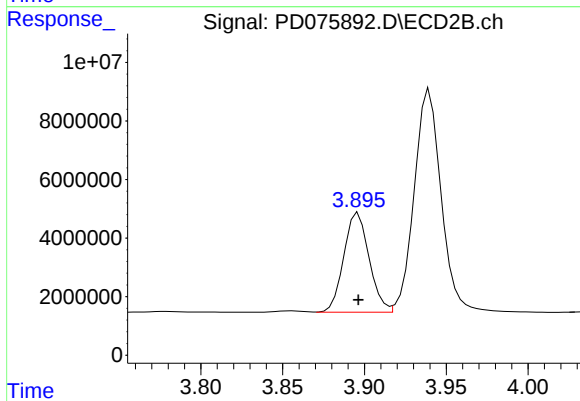
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 87109306
Conc: 58.42 ng/ml



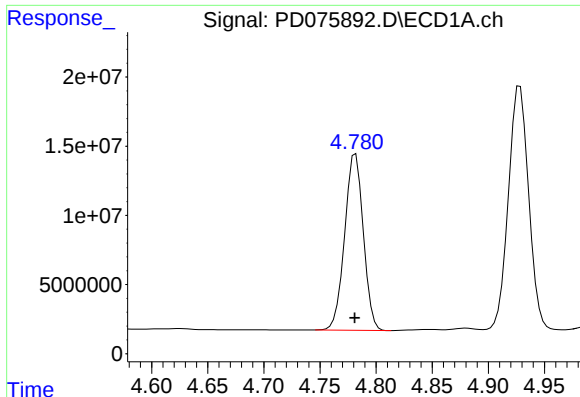
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 85685689
Conc: 59.60 ng/ml



#6 beta-BHC

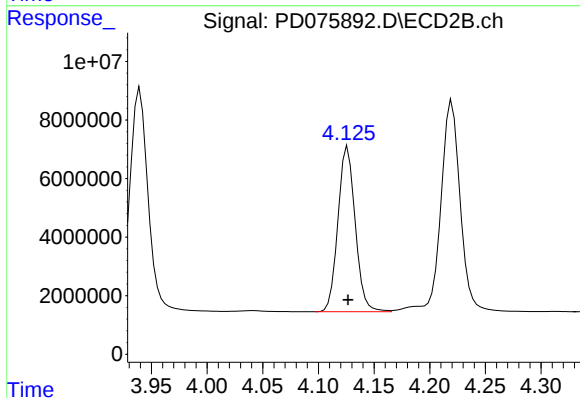
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 36582973
Conc: 57.39 ng/ml



#7 delta-BHC

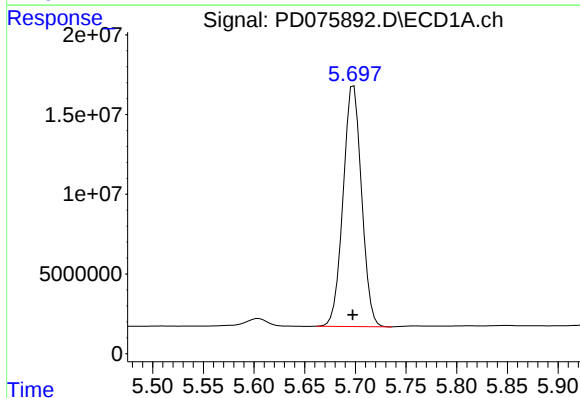
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 147256599
Conc: 44.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



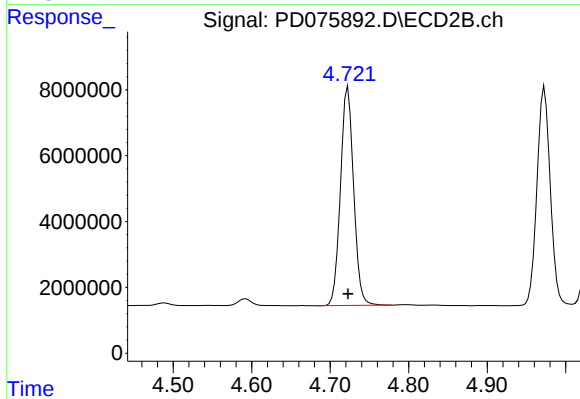
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 60899832
Conc: 42.03 ng/ml



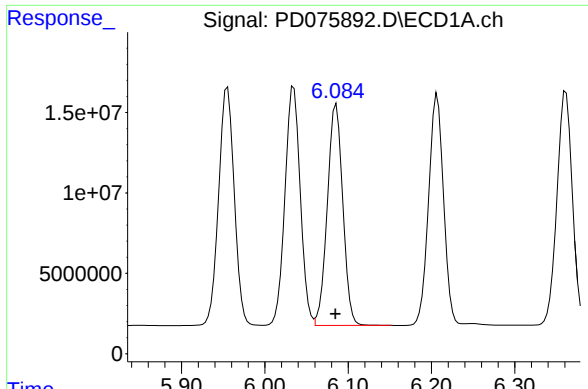
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 191258654
Conc: 59.35 ng/ml



#8 Heptachlor epoxide

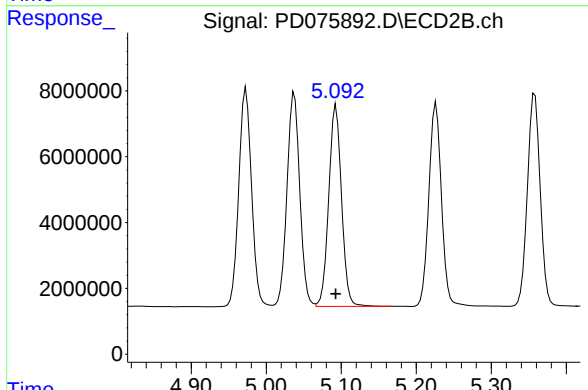
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 77481222
Conc: 56.41 ng/ml



#9 Endosulfan I

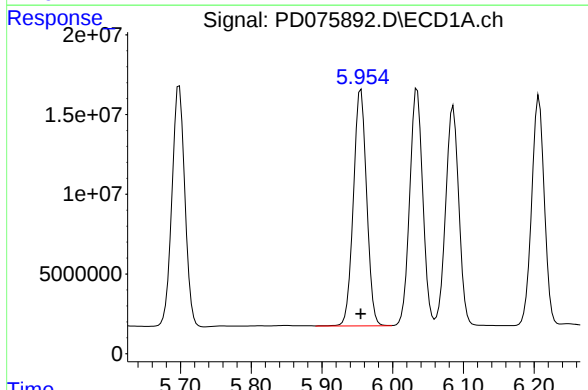
R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 178056070
Conc: 59.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



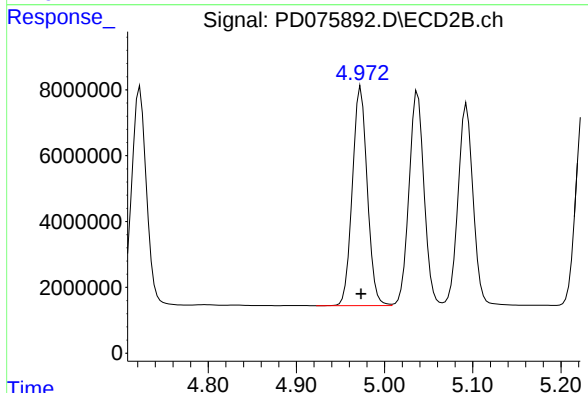
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 72453847
Conc: 56.68 ng/ml



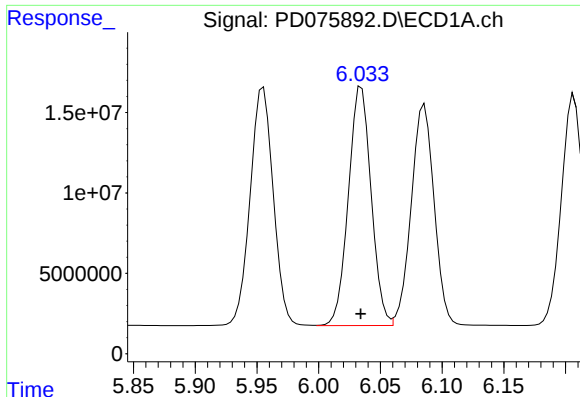
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 193669754
Conc: 60.12 ng/ml



#10 gamma-Chlordane

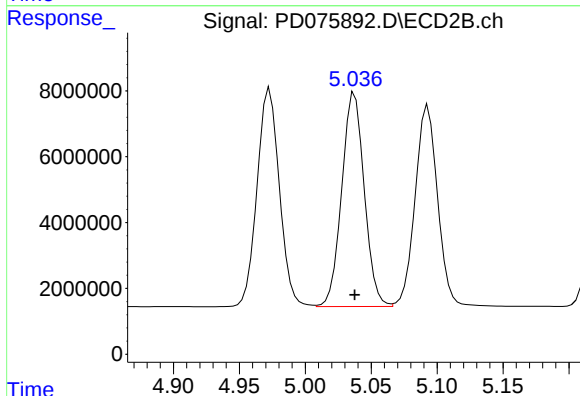
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 78315387
Conc: 57.08 ng/ml



#11 alpha-Chlordane

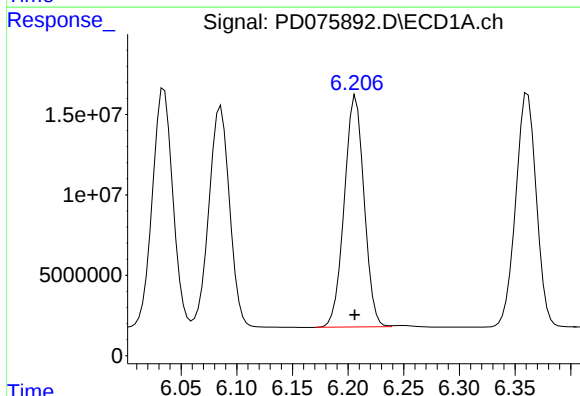
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 190733635
Conc: 59.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



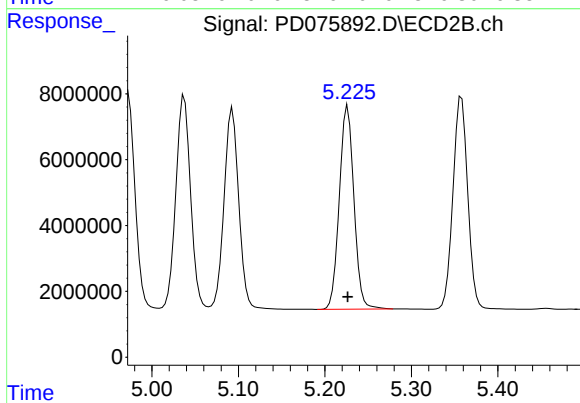
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 77187577
Conc: 56.27 ng/ml



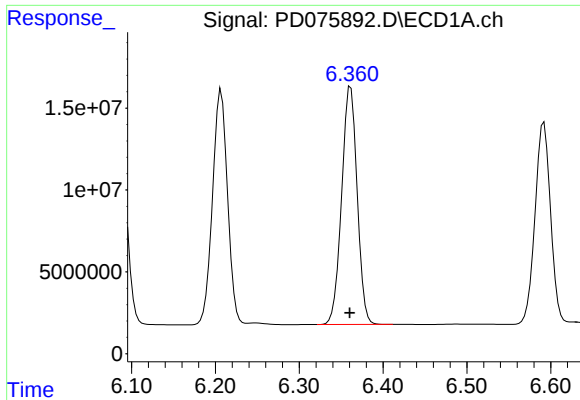
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 178142068
Conc: 62.33 ng/ml



#12 4,4'-DDE

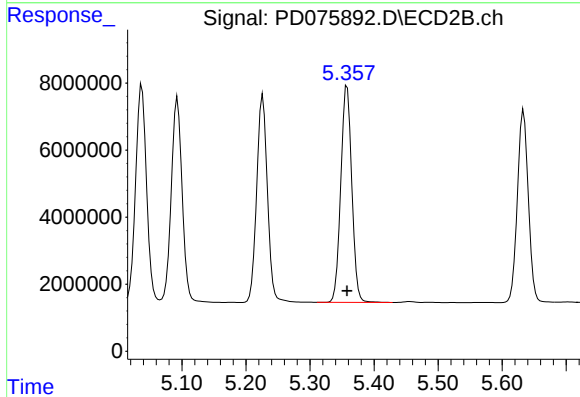
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 71976314
Conc: 64.49 ng/ml



#13 Dieldrin

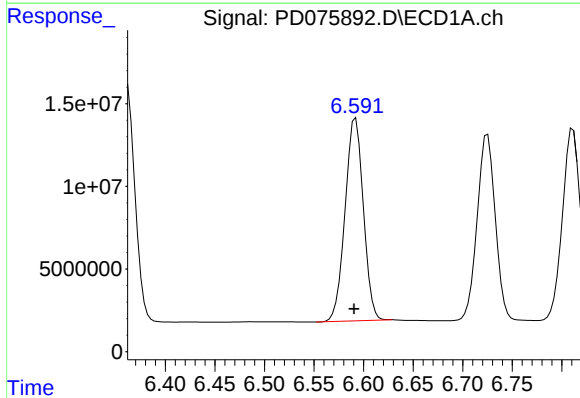
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 187340665
Conc: 59.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



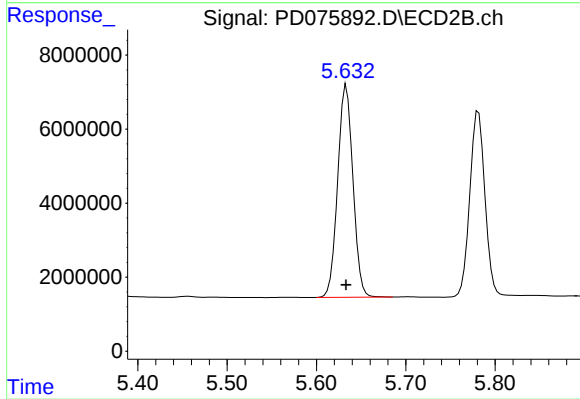
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 76925978
Conc: 57.02 ng/ml



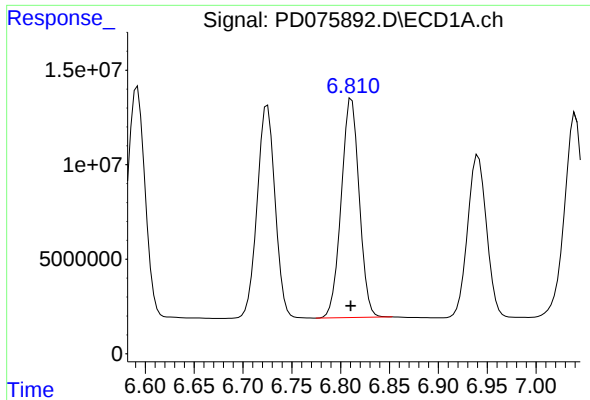
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 157512392
Conc: 58.90 ng/ml



#14 Endrin

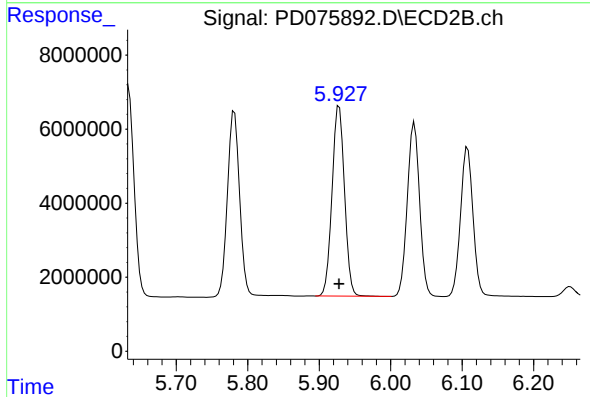
R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 68071274
Conc: 55.93 ng/ml



#15 Endosulfan II

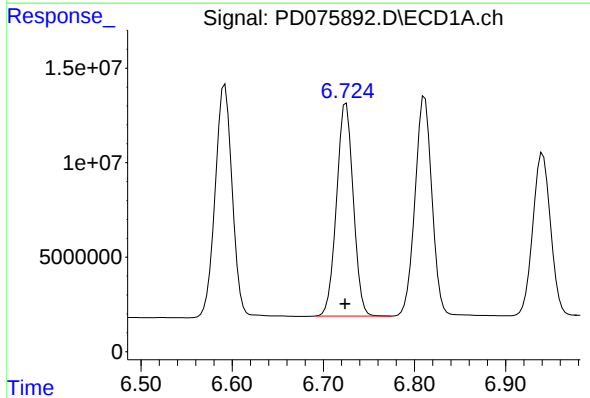
R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 148688438
Conc: 57.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



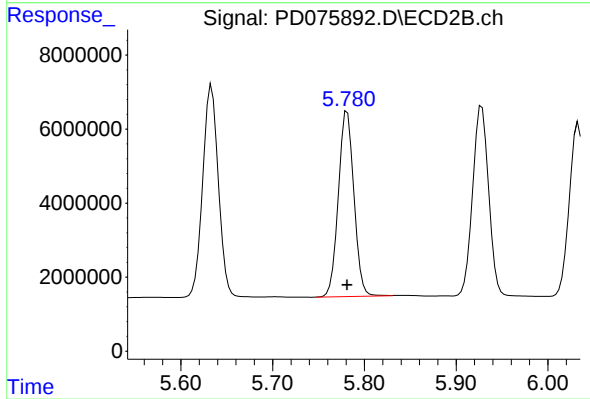
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 62443384
Conc: 57.88 ng/ml



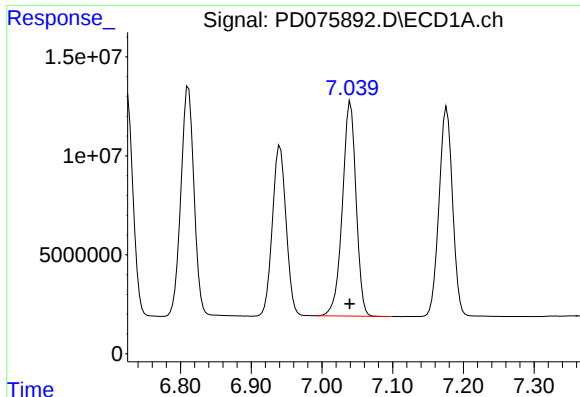
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 143597019
Conc: 63.10 ng/ml



#16 4,4'-DDD

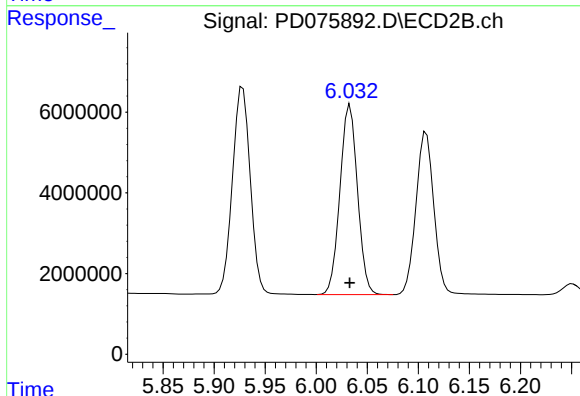
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 59122887
Conc: 67.09 ng/ml



#17 4,4'-DDT

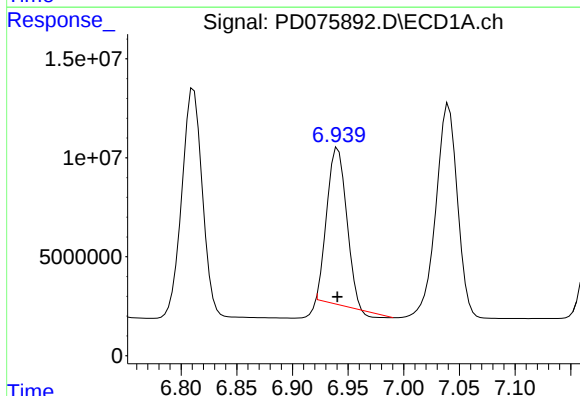
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 145553008
Conc: 64.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



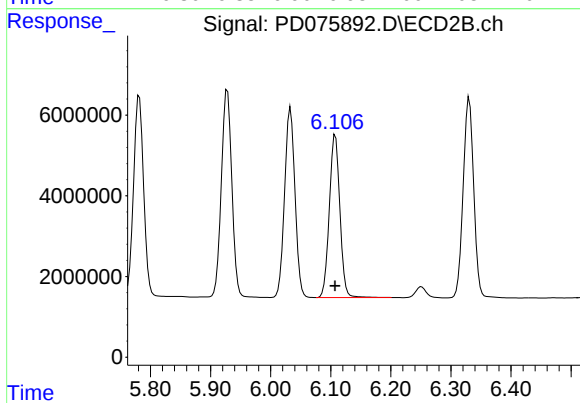
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 56326811
Conc: 69.34 ng/ml



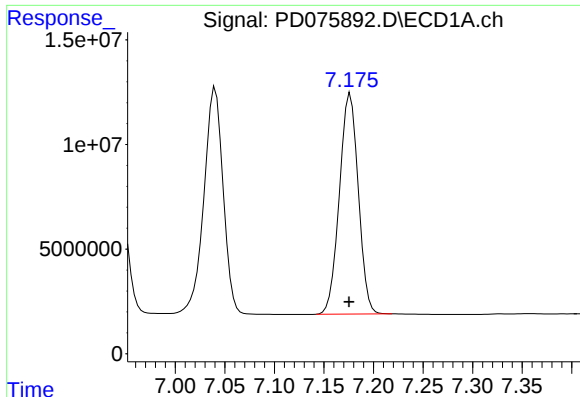
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 93624440
Conc: 46.66 ng/ml



#18 Endrin aldehyde

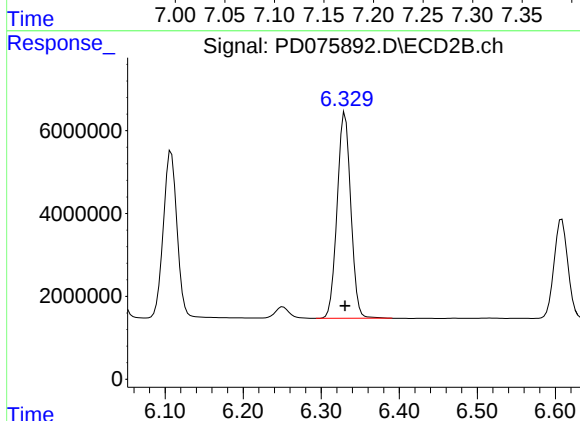
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 49385600
Conc: 57.06 ng/ml



#19 Endosulfan Sulfate

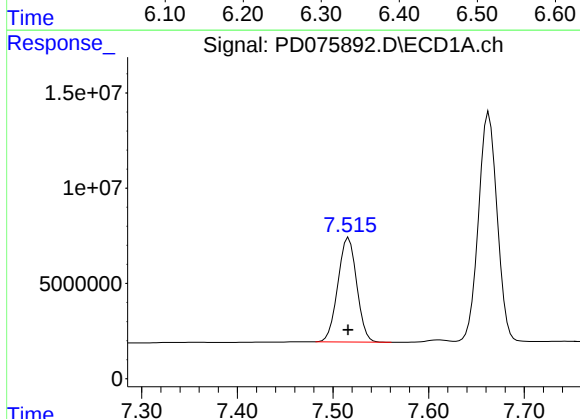
R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 139936842
Conc: 55.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



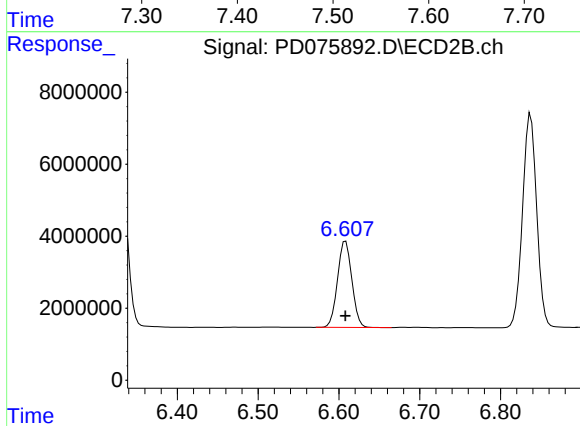
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 60423286
Conc: 55.92 ng/ml



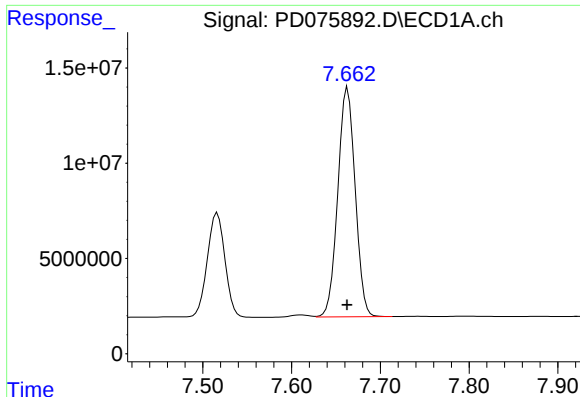
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 75190132
Conc: 58.09 ng/ml



#20 Methoxychlor

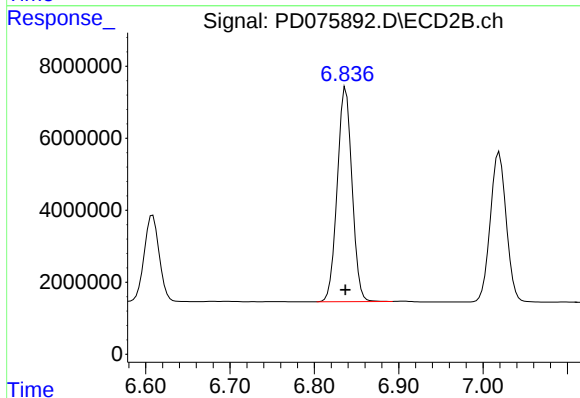
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 29523492
Conc: 63.79 ng/ml



#21 Endrin ketone

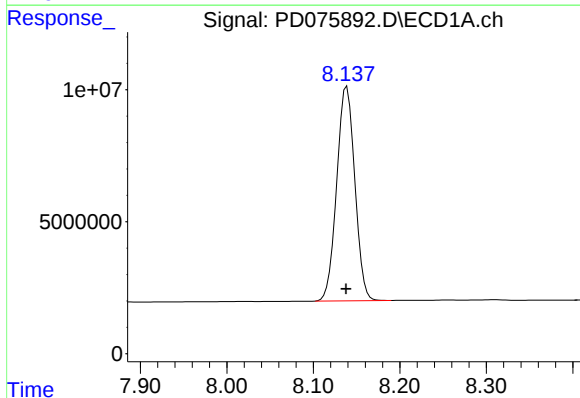
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 163704549
Conc: 58.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



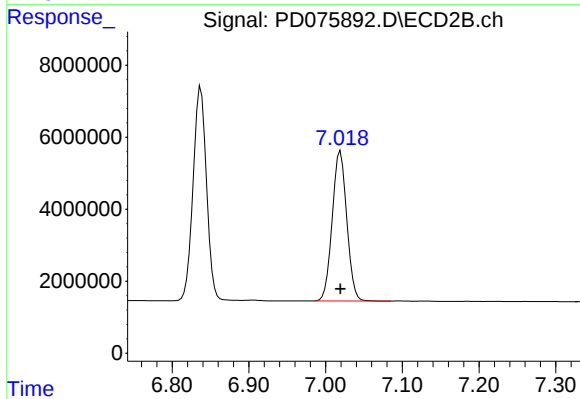
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 72387313
Conc: 59.58 ng/ml



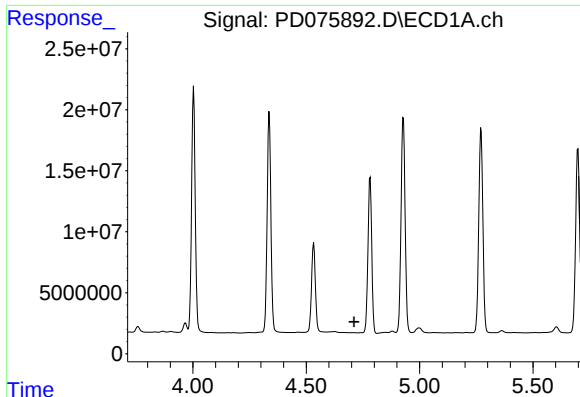
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 117455618
Conc: 54.82 ng/ml



#22 Mirex

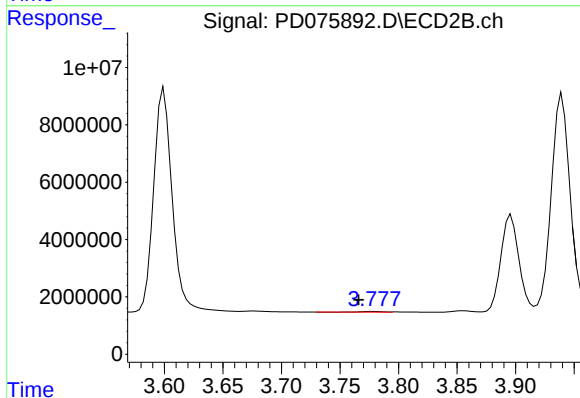
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 54742296
Conc: 52.22 ng/ml



#23 Chlordane-1

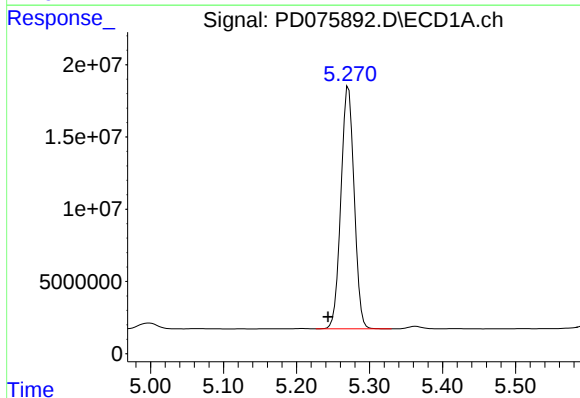
R.T.: 0.000 min
Exp R.T.: 4.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



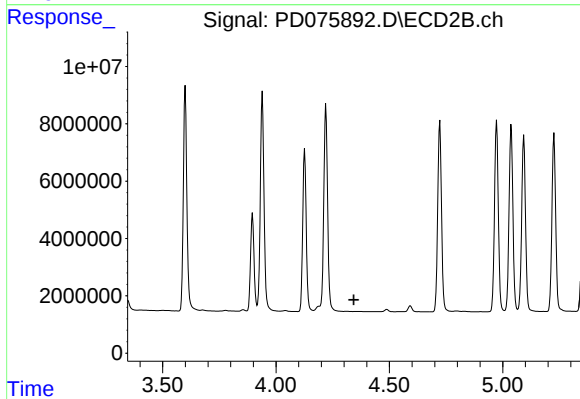
#23 Chlordane-1

R.T.: 3.778 min
Delta R.T.: 0.012 min
Response: 315970
Conc: 6.90 ng/ml



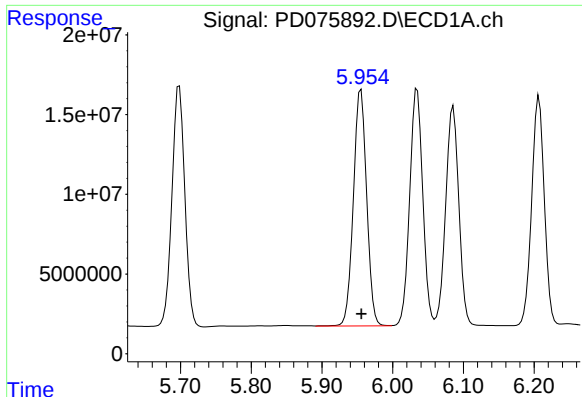
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.028 min
Response: 210864810
Conc: 1602.21 ng/ml



#24 Chlordane-2

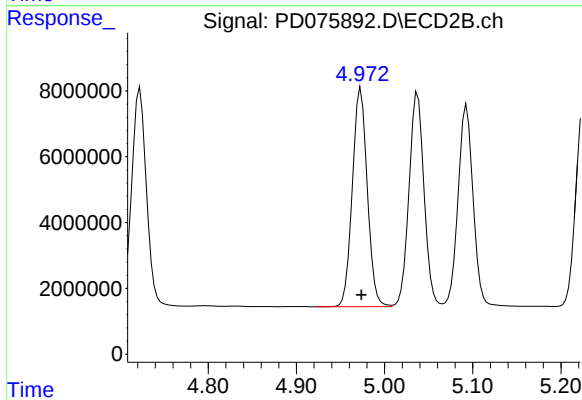
R.T.: 0.000 min
Exp R.T.: 4.343 min
Response: 0
Conc: N.D.



#25 Chlordane-3

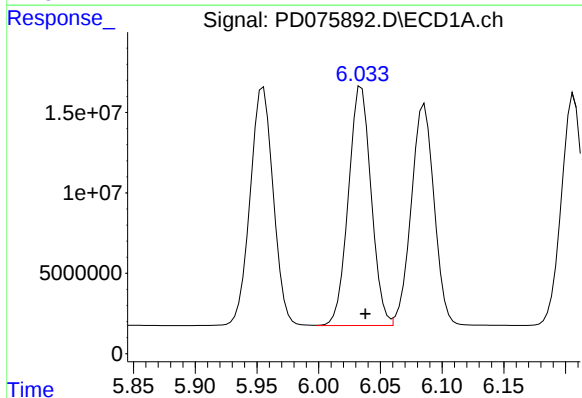
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 193669754
Conc: 372.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



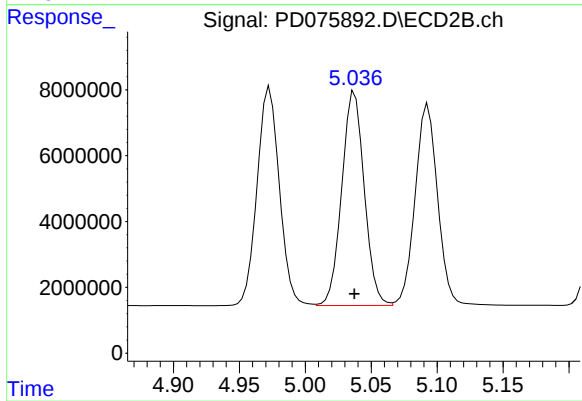
#25 Chlordane-3

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 78315387
Conc: 527.52 ng/ml



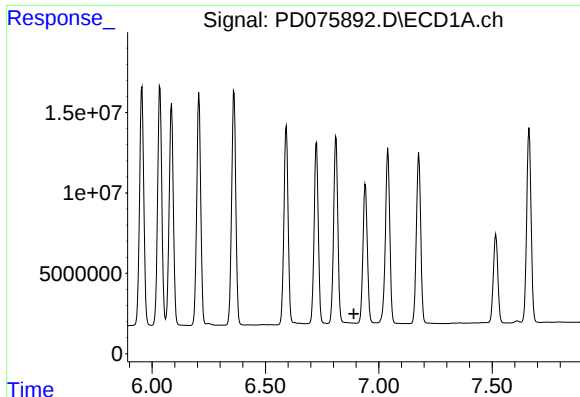
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 190733635
Conc: 302.65 ng/ml



#26 Chlordane-4

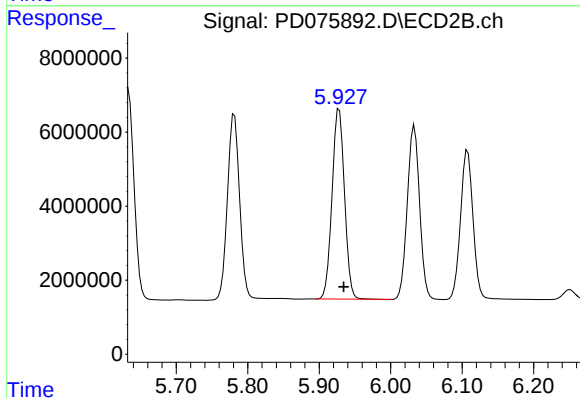
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 77187577
Conc: 525.95 ng/ml



#27 Chlordane-5

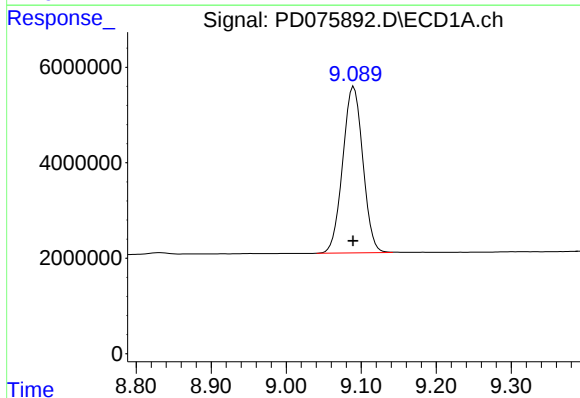
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



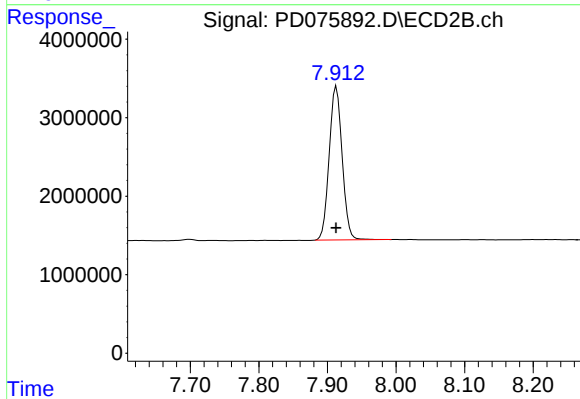
#27 Chlordane-5

R.T.: 5.928 min
Delta R.T.: -0.006 min
Response: 62443384
Conc: 1291.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 64912971
Conc: 25.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 25721174
Conc: 26.31 ng/ml