

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 22:40
 Operator : AR\AJ
 Sample : 01445-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 03:48:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.554	2.776	36433596	18667434	15.587	14.663
2)	SA Decachlor...	9.085f	7.930	86567382	24465480	30.719	21.028 #
Target Compounds							
2)	A alpha-BHC	4.010	3.280	164.8E6	69363271	41.486	40.710
3)	MA gamma-BHC...	4.344	3.611	-19765033	94029295	N.D.	62.512
4)	MA Heptachlor	4.937	3.952	154.0E6	62587531	41.459	46.739
5)	MB Aldrin	5.280	4.234	149.3E6	63113608	41.407	39.074
6)	B beta-BHC	4.538	3.905	47603197	25215916	30.686	38.049
7)	B delta-BHC	4.787	4.137	137.8E6	65313702	40.946	42.730
8)	B Heptachlo...	5.707	4.736	125.9E6	57109076	39.464	42.443
9)	A Endosulfan I	6.093	5.109	123.4E6	32928417	40.171	24.490 #
10)	B gamma-Chl...	5.963	4.988	149.3E6	56508394	45.335	38.182
11)	B alpha-Chl...	6.042	5.052	153.3E6	56763012	46.468	38.163
12)	B 4,4'-DDE	6.214	5.242	99574266	57625120	32.968	43.186 #
13)	MA Dieldrin	6.370	5.375	129.6E6	64208674	40.644	48.984
14)	MA Endrin	6.601	5.648	116.4E6	51405887	42.926	46.227
15)	B Endosulfa...	6.816	5.942	205.1E6	49591139	77.462	42.581 #
16)	A 4,4'-DDD	6.731	5.797	125.1E6	31759590	50.705	30.823 #
17)	MA 4,4'-DDT	7.049	6.048	163.9E6	38346142	58.875	37.228 #
18)	B Endrin al...	6.948	6.121	89880232	34381254	41.433	38.981
19)	B Endosulfa...	7.182	6.344	125.3E6	46860190	46.797	41.629
20)	A Methoxychlor	7.523	6.626	40323083	15280918	26.030	29.195
21)	B Endrin ke...	7.670	6.850	22926354	16006586	7.582	12.493 #
22)	Mirex	8.147	7.036	63398926	33214679	27.591	31.626
23)	Chlordane-1	4.733	3.785	1436445	4104796	12.711	90.603 #
24)	Chlordane-2	5.280f	4.370	149.3E6	411577	1179.799	8.243 #
25)	Chlordane-3	5.963	4.988	149.3E6	56508394	318.805	391.430
26)	Chlordane-4	6.042	5.052	153.3E6	56763012	267.794	407.222 #
27)	Chlordane-5	6.894	5.942	9376493	49591139	91.744	986.881 #

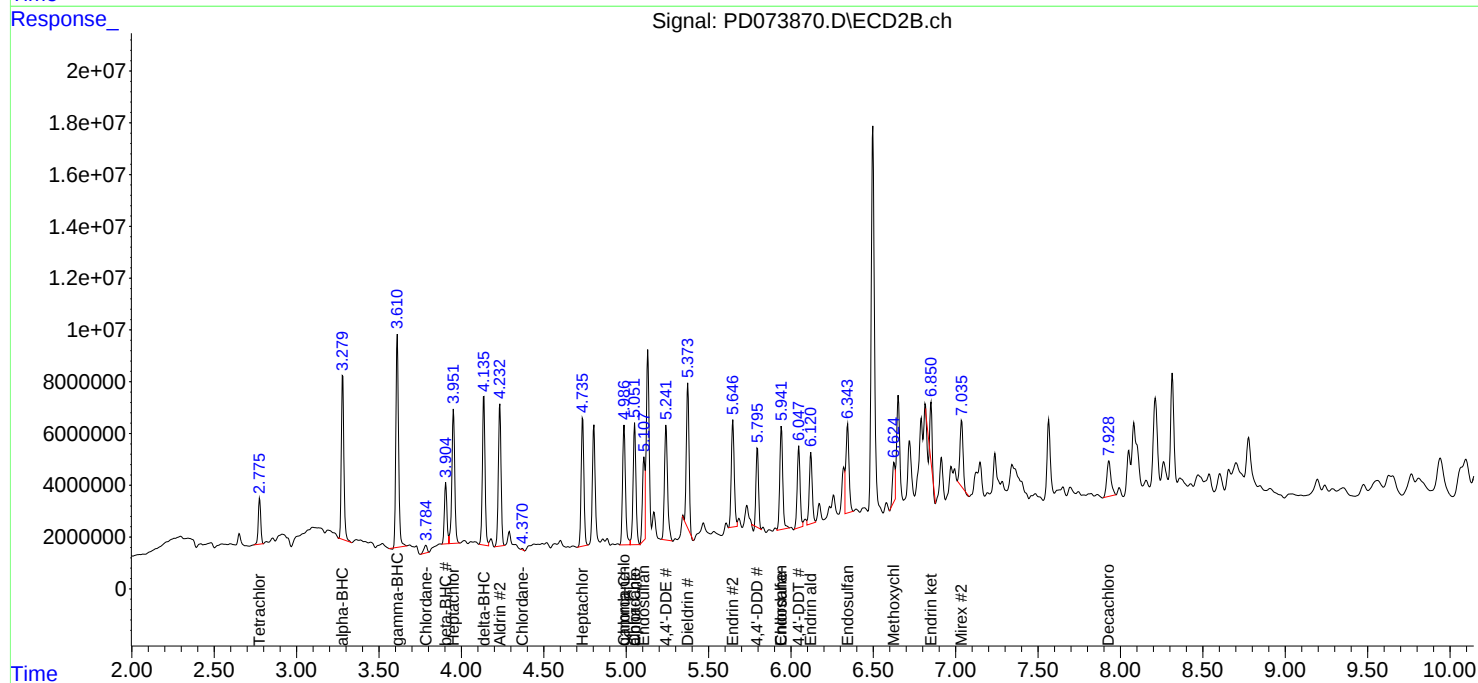
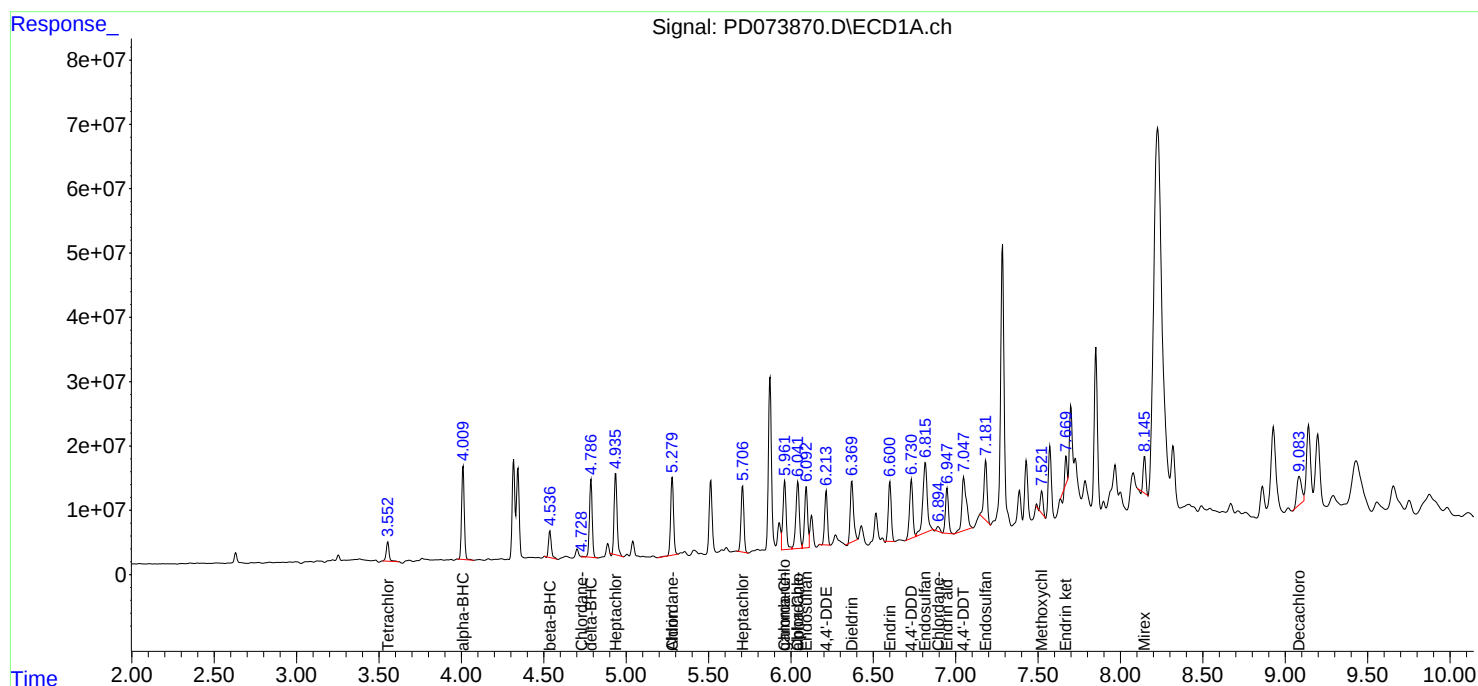
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

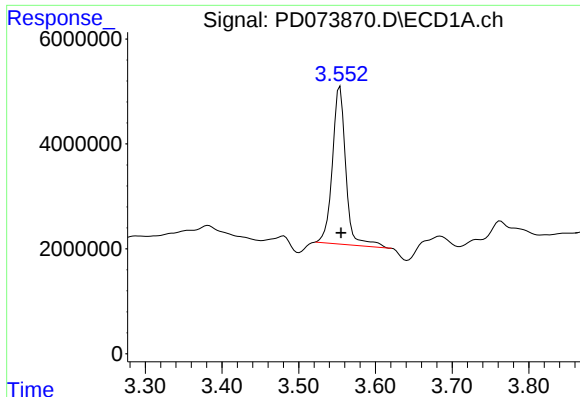
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
Data File : PD073870.D
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

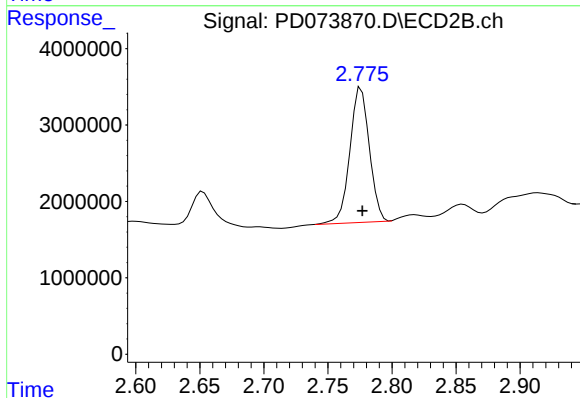




#1 Tetrachloro-m-xylene

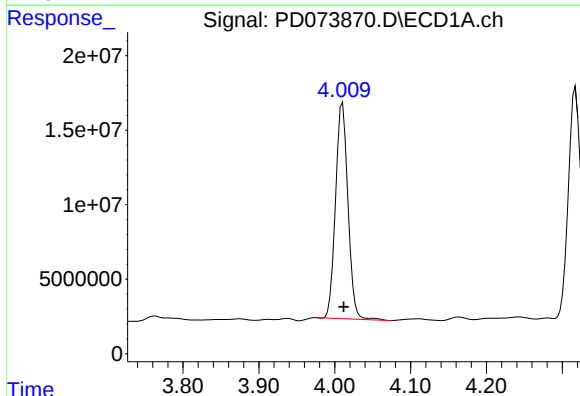
R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 36433596
Conc: 15.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



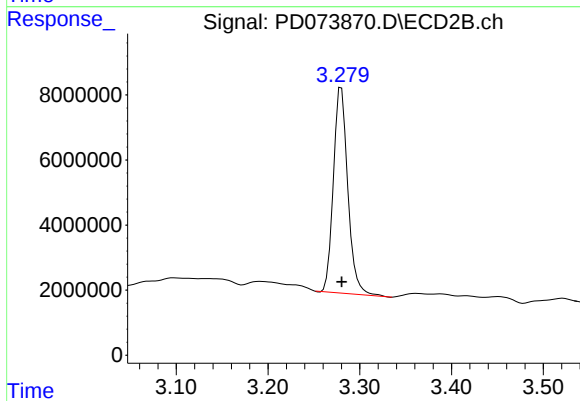
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 18667434
Conc: 14.66 ng/ml



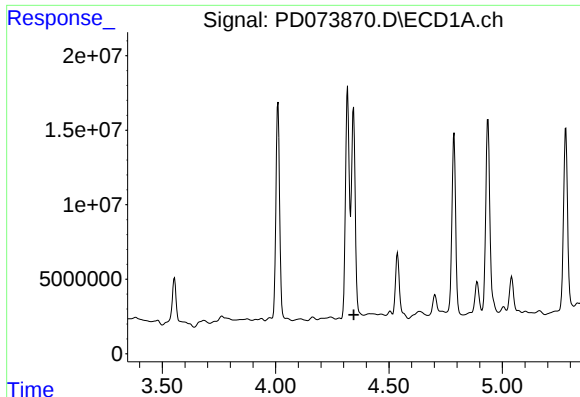
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.001 min
Response: 164775643
Conc: 41.49 ng/ml



#2 alpha-BHC

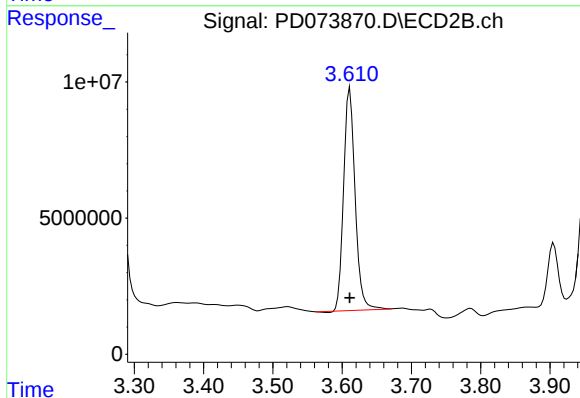
R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 69363271
Conc: 40.71 ng/ml



#3 gamma-BHC (Lindane)

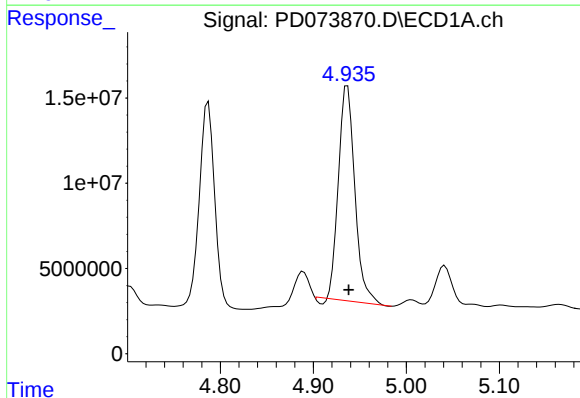
R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: -19765033
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



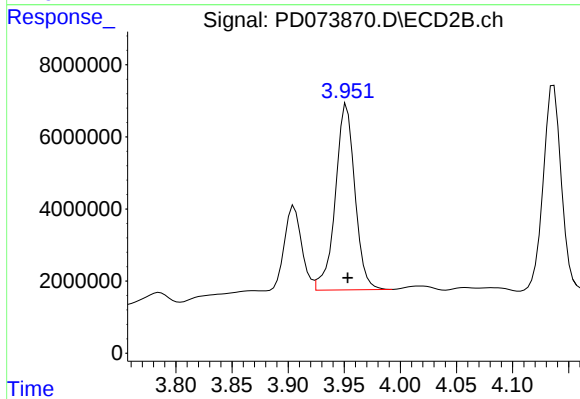
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 94029295
Conc: 62.51 ng/ml



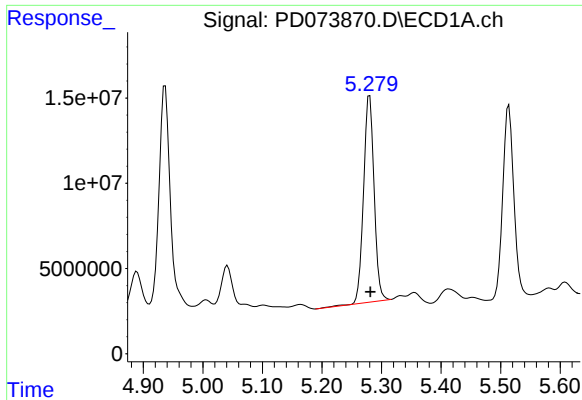
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: -0.001 min
Response: 153952735
Conc: 41.46 ng/ml



#4 Heptachlor

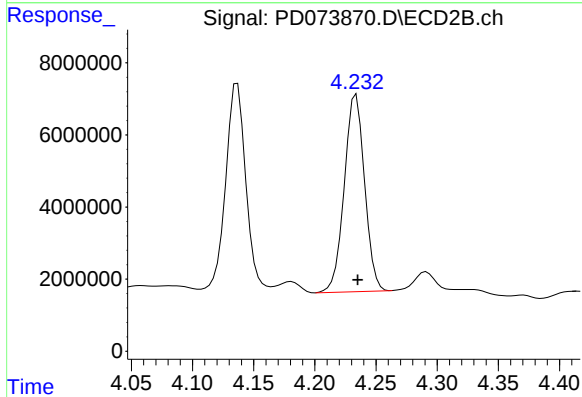
R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 62587531
Conc: 46.74 ng/ml



#5 Aldrin

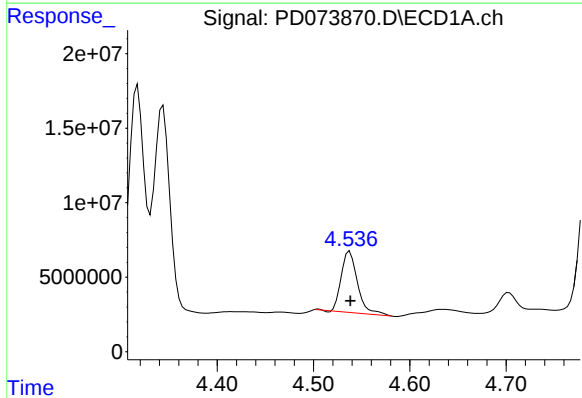
R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 149263281
Conc: 41.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



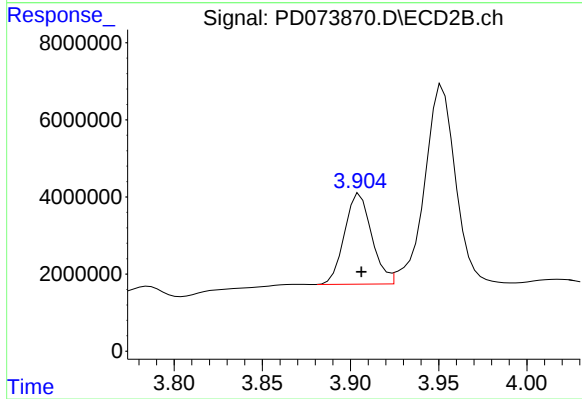
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.001 min
Response: 63113608
Conc: 39.07 ng/ml



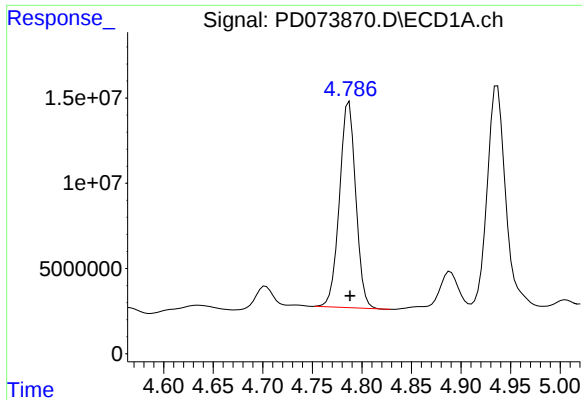
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 47603197
Conc: 30.69 ng/ml



#6 beta-BHC

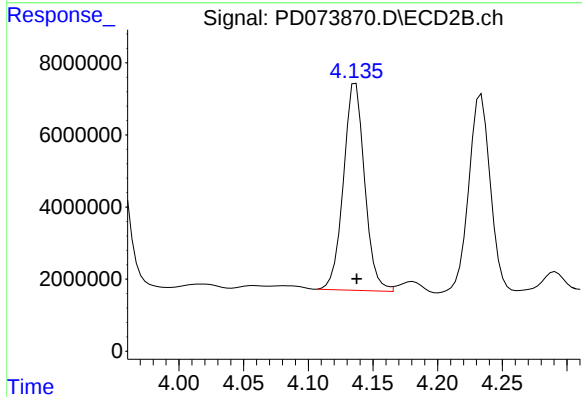
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 25215916
Conc: 38.05 ng/ml



#7 delta-BHC

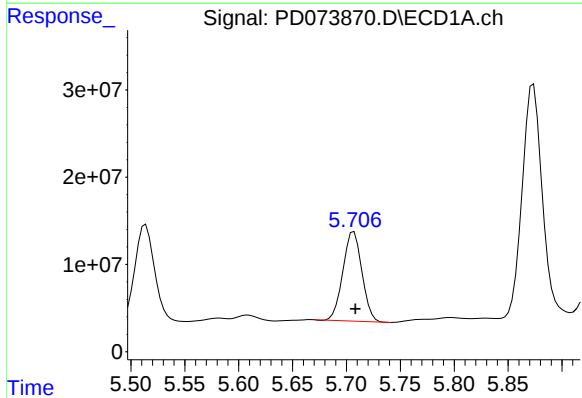
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 137786863
Conc: 40.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



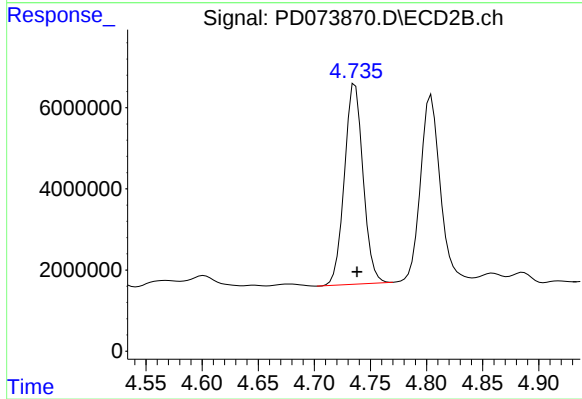
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 65313702
Conc: 42.73 ng/ml



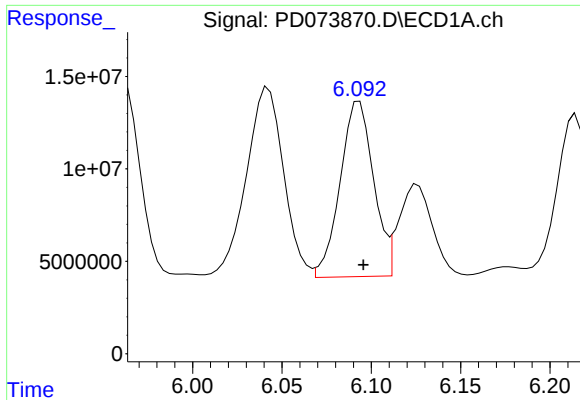
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 125945225
Conc: 39.46 ng/ml



#8 Heptachlor epoxide

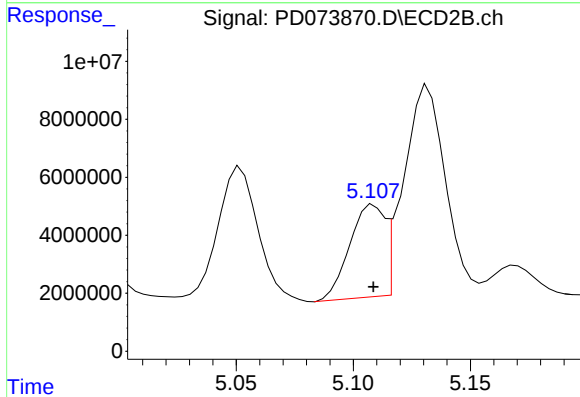
R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 57109076
Conc: 42.44 ng/ml



#9 Endosulfan I

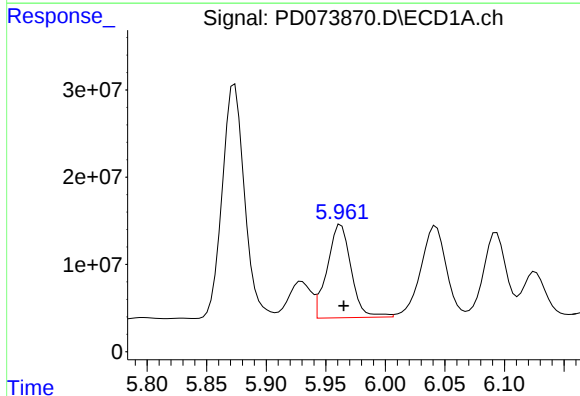
R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 123352065
Conc: 40.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



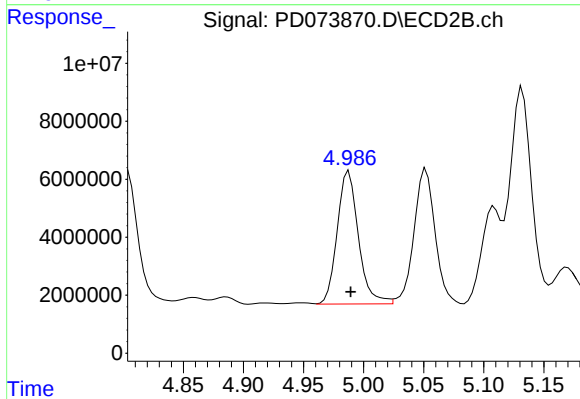
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 32928417
Conc: 24.49 ng/ml



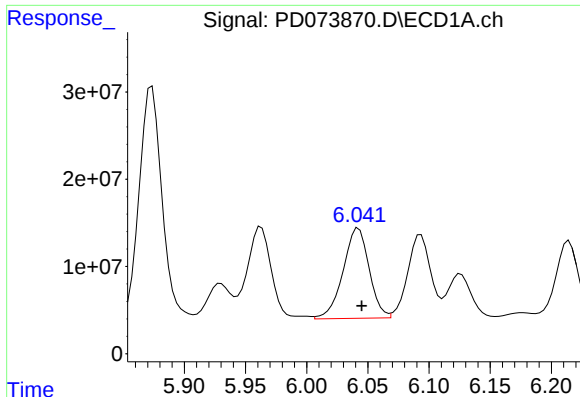
#10 gamma-Chlordane

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 149263130
Conc: 45.34 ng/ml



#10 gamma-Chlordane

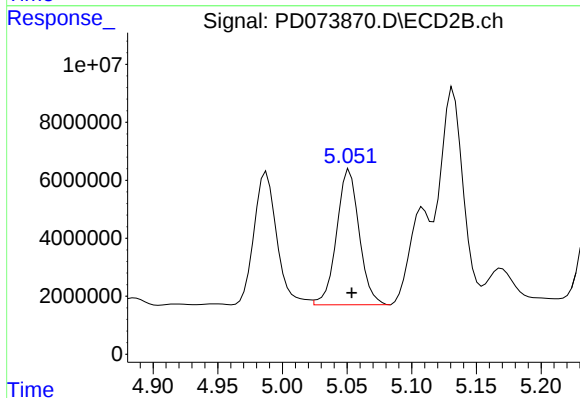
R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 56508394
Conc: 38.18 ng/ml



#11 alpha-Chlordane

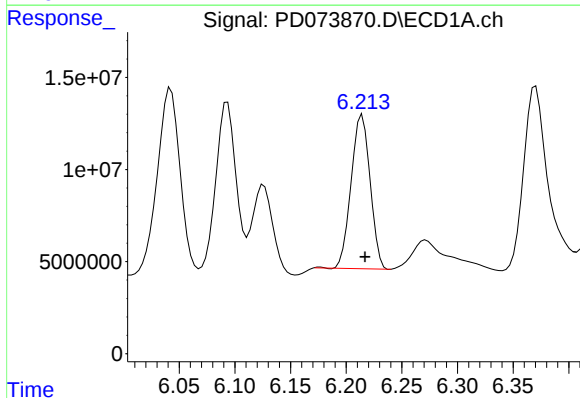
R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 153290060
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



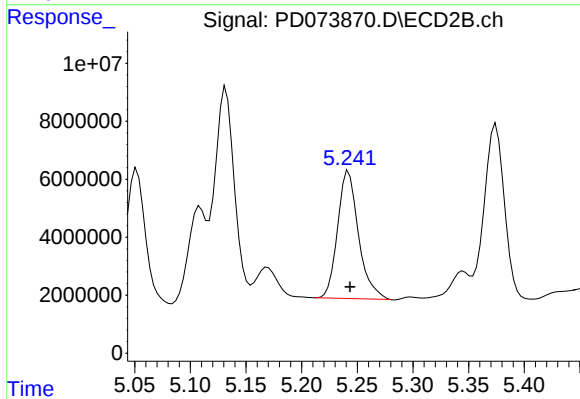
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 56763012
Conc: 38.16 ng/ml



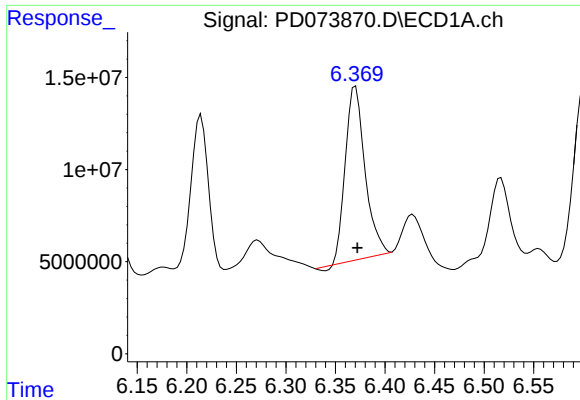
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 99574266
Conc: 32.97 ng/ml



#12 4,4'-DDE

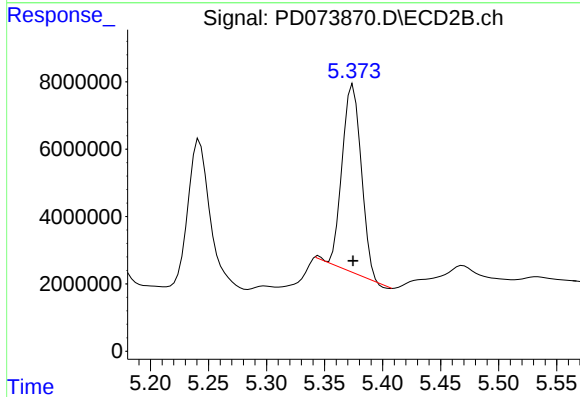
R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 57625120
Conc: 43.19 ng/ml



#13 Dieldrin

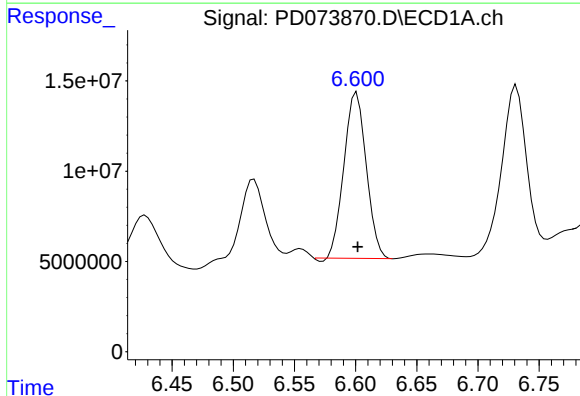
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 129594426
Conc: 40.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



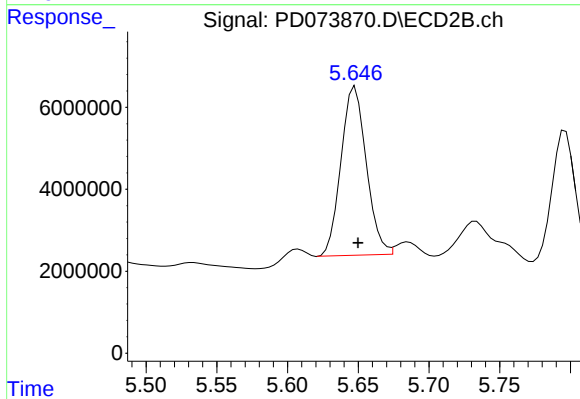
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 64208674
Conc: 48.98 ng/ml



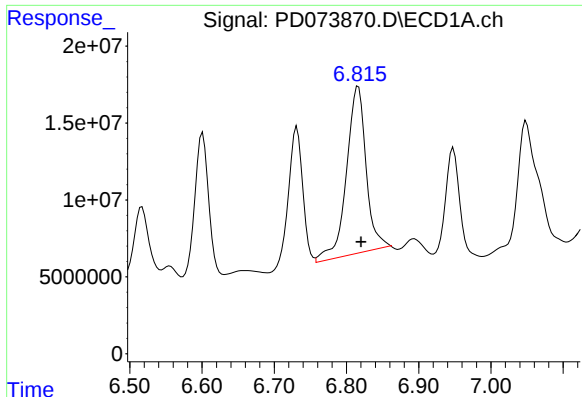
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 116372798
Conc: 42.93 ng/ml



#14 Endrin

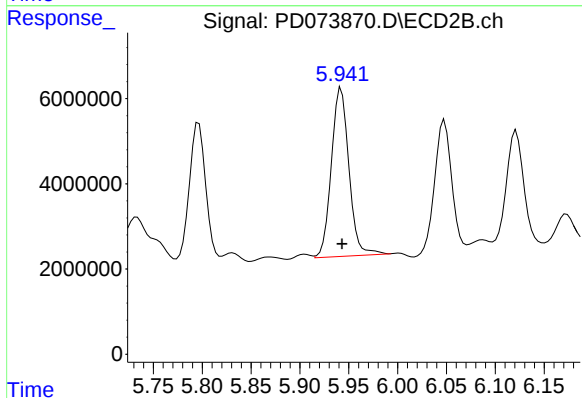
R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 51405887
Conc: 46.23 ng/ml



#15 Endosulfan II

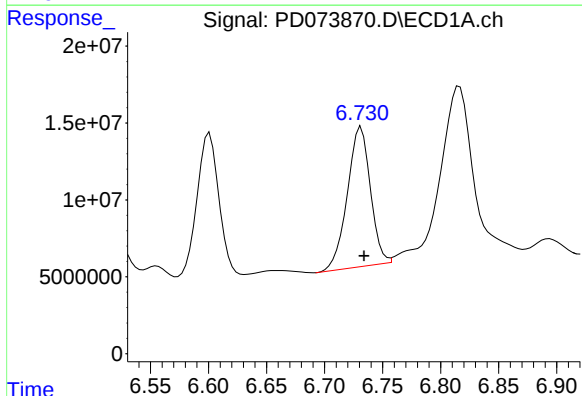
R.T.: 6.816 min
Delta R.T.: -0.004 min
Response: 205127927
Conc: 77.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



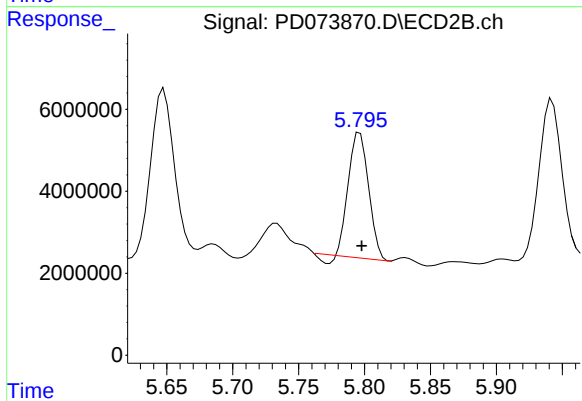
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 49591139
Conc: 42.58 ng/ml



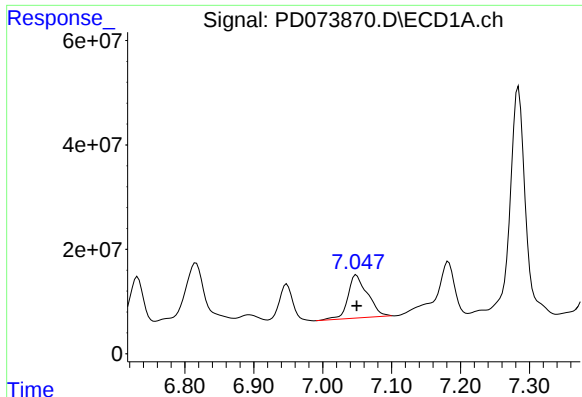
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 125053753
Conc: 50.70 ng/ml



#16 4,4'-DDD

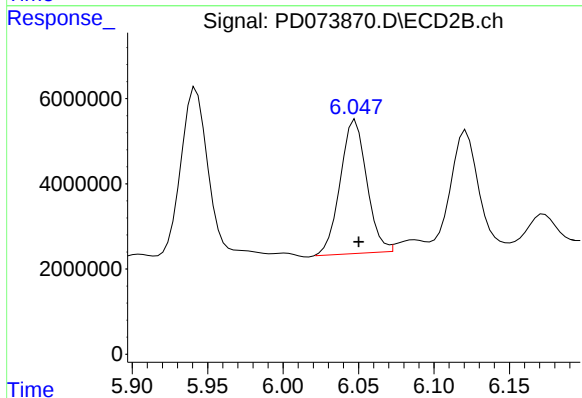
R.T.: 5.797 min
Delta R.T.: -0.001 min
Response: 31759590
Conc: 30.82 ng/ml



#17 4,4'-DDT

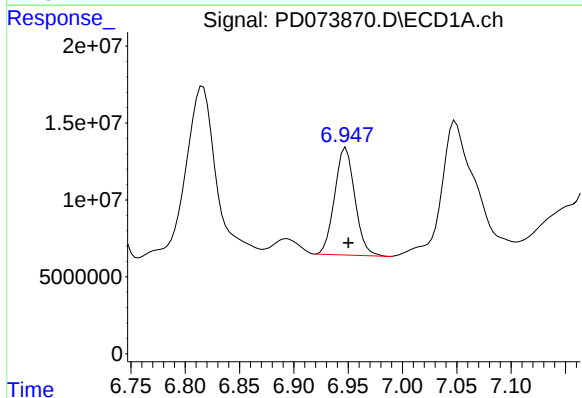
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 163913337
Conc: 58.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



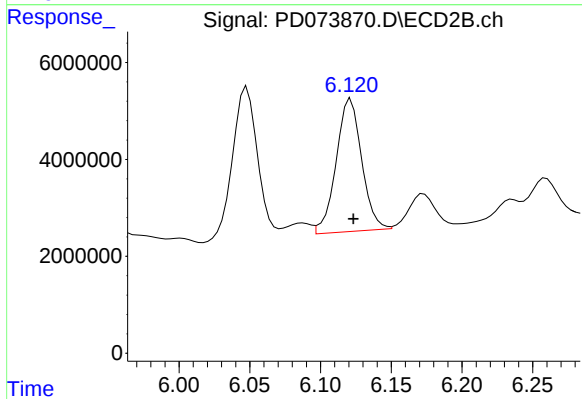
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 38346142
Conc: 37.23 ng/ml



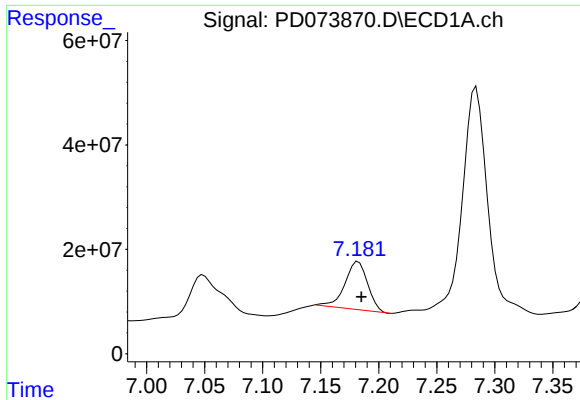
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 89880232
Conc: 41.43 ng/ml



#18 Endrin aldehyde

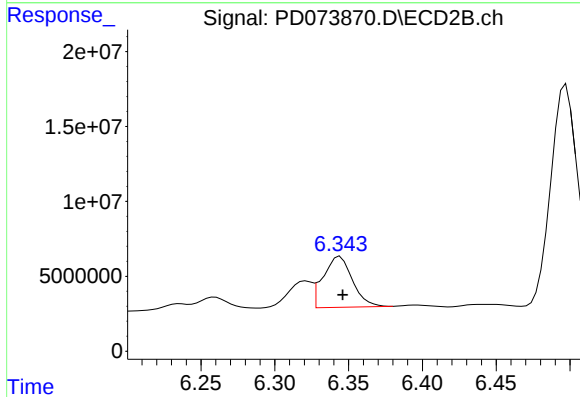
R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 34381254
Conc: 38.98 ng/ml



#19 Endosulfan Sulfate

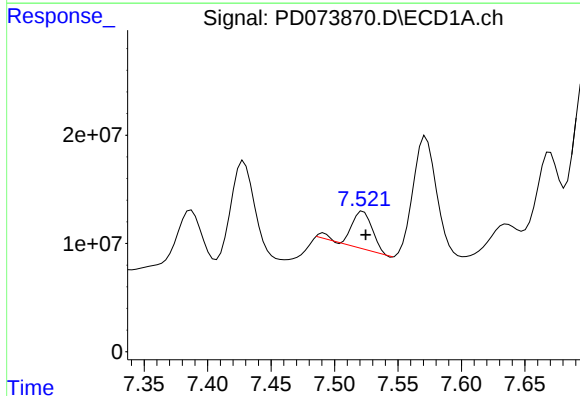
R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 125301967
Conc: 46.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



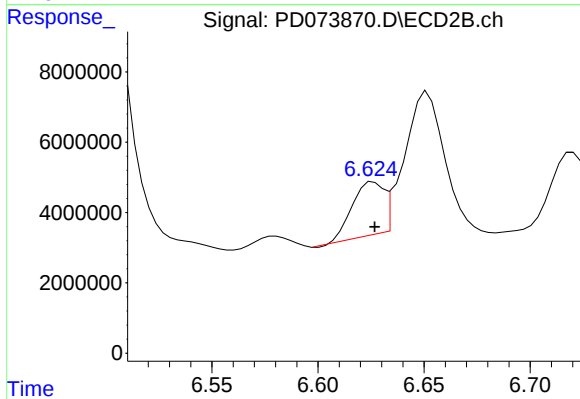
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 46860190
Conc: 41.63 ng/ml



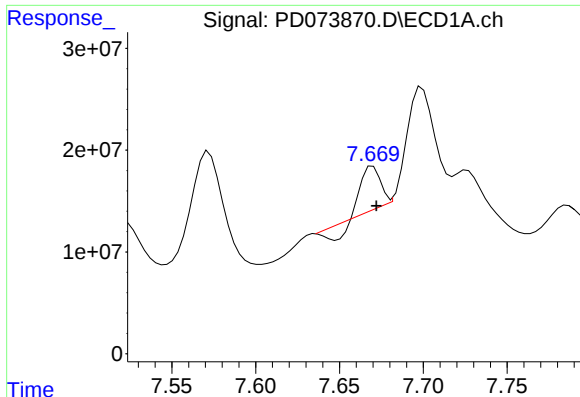
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 40323083
Conc: 26.03 ng/ml



#20 Methoxychlor

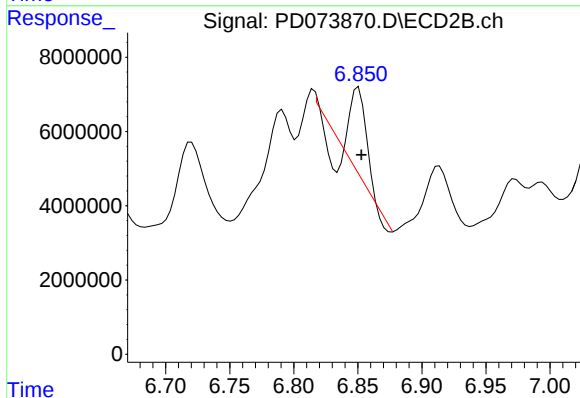
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 15280918
Conc: 29.20 ng/ml



#21 Endrin ketone

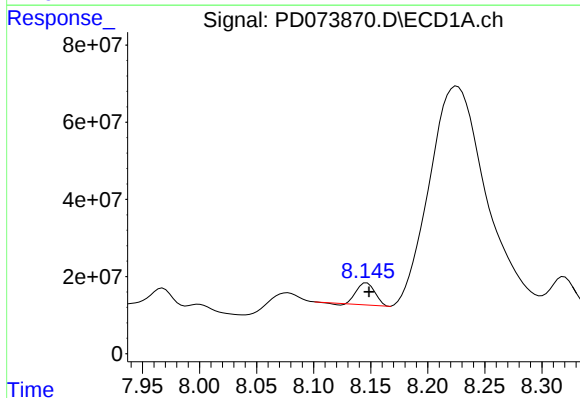
R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 22926354
Conc: 7.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



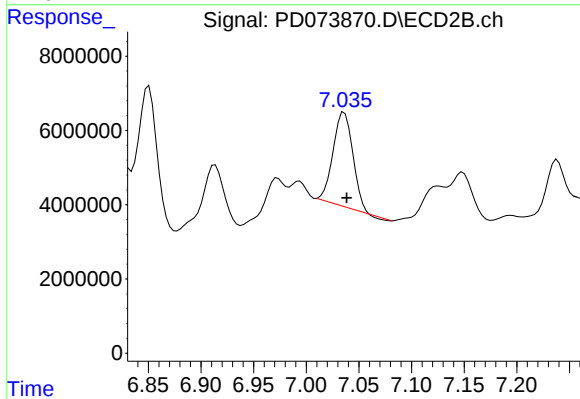
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 16006586
Conc: 12.49 ng/ml



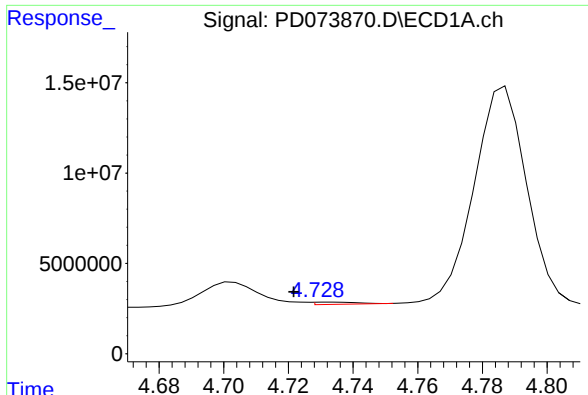
#22 Mirex

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 63398926
Conc: 27.59 ng/ml



#22 Mirex

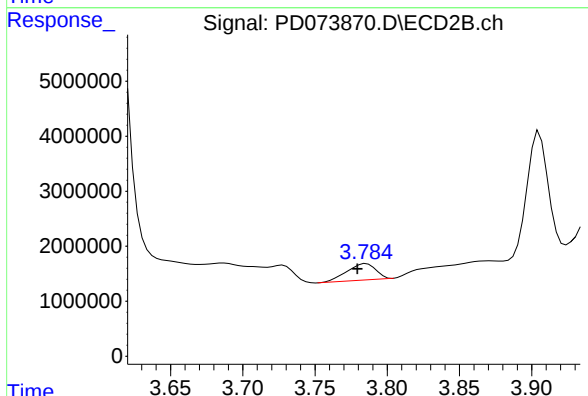
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 33214679
Conc: 31.63 ng/ml



#23 Chlordane-1

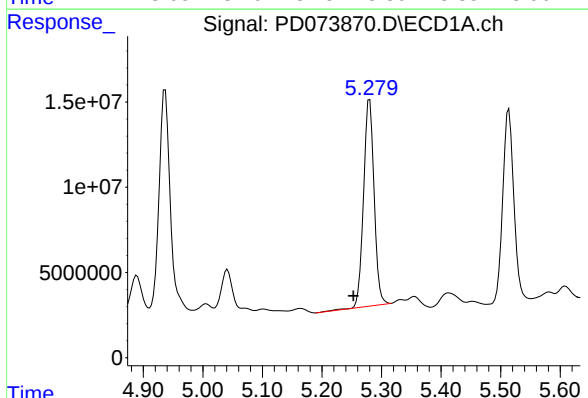
R.T.: 4.733 min
Delta R.T.: 0.011 min
Response: 1436445
Conc: 12.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



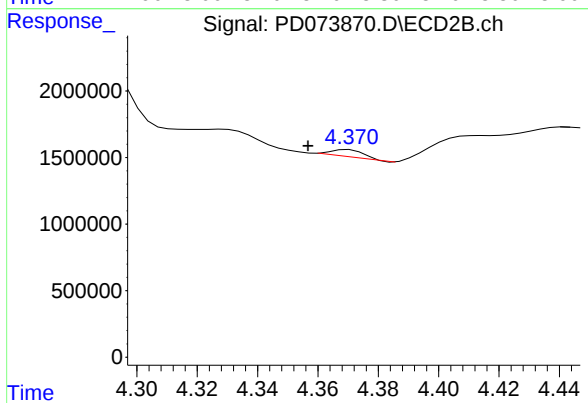
#23 Chlordane-1

R.T.: 3.785 min
Delta R.T.: 0.006 min
Response: 4104796
Conc: 90.60 ng/ml



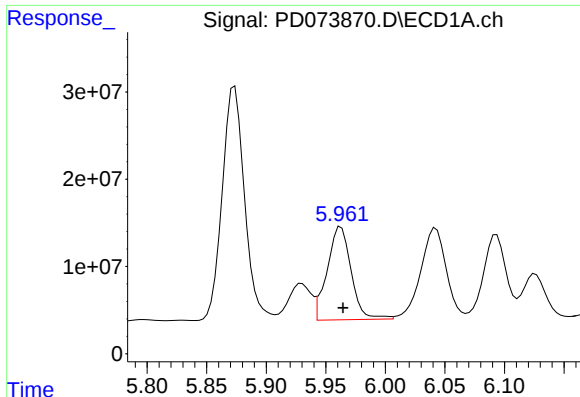
#24 Chlordane-2

R.T.: 5.280 min
Delta R.T.: 0.027 min
Response: 149263281
Conc: 1179.80 ng/ml



#24 Chlordane-2

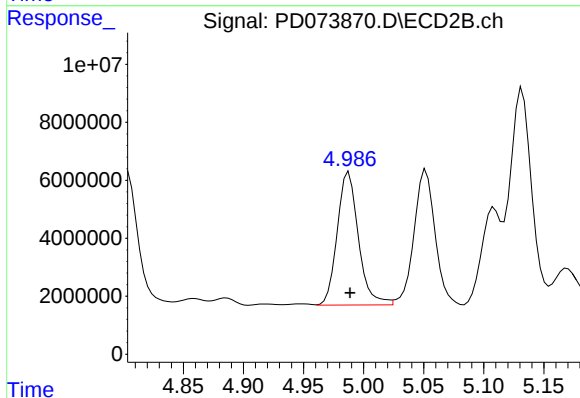
R.T.: 4.370 min
Delta R.T.: 0.014 min
Response: 411577
Conc: 8.24 ng/ml



#25 Chlordane-3

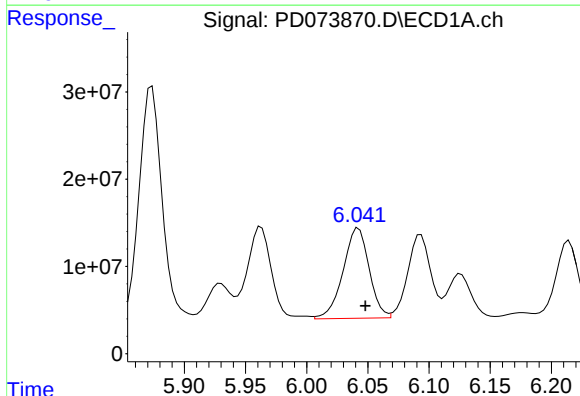
R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 149263130
Conc: 318.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



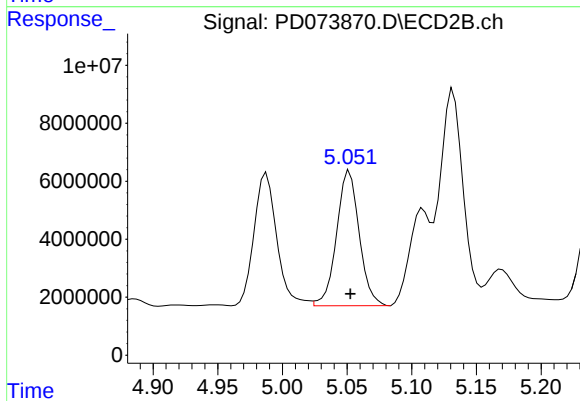
#25 Chlordane-3

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 56508394
Conc: 391.43 ng/ml



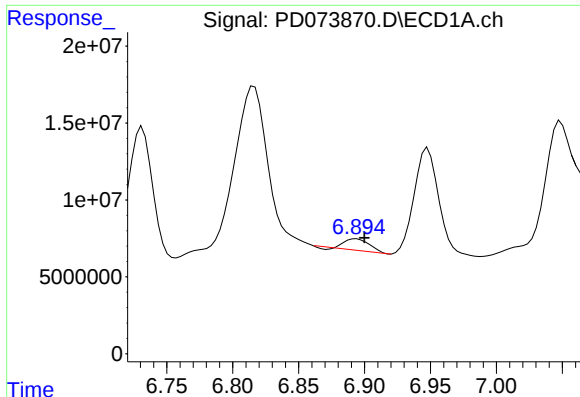
#26 Chlordane-4

R.T.: 6.042 min
Delta R.T.: -0.005 min
Response: 153290060
Conc: 267.79 ng/ml



#26 Chlordane-4

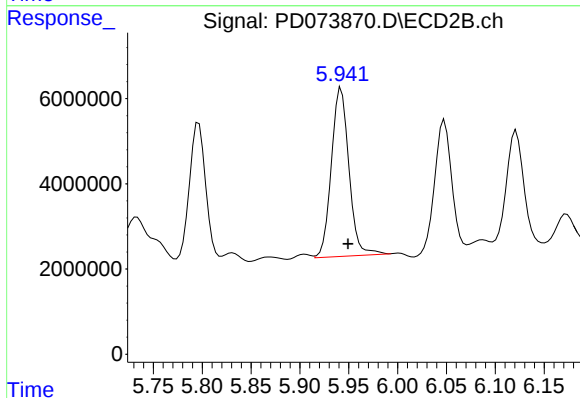
R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 56763012
Conc: 407.22 ng/ml



#27 Chlordane-5

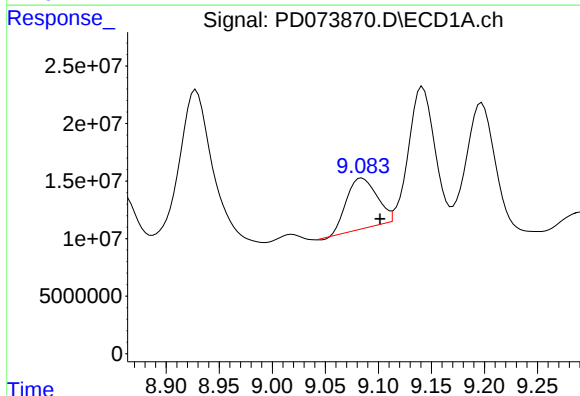
R.T.: 6.894 min
Delta R.T.: -0.006 min
Response: 9376493
Conc: 91.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



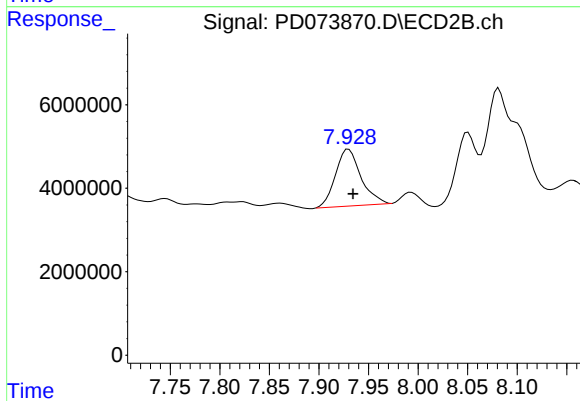
#27 Chlordane-5

R.T.: 5.942 min
Delta R.T.: -0.007 min
Response: 49591139
Conc: 986.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.017 min
Response: 86567382
Conc: 30.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 24465480
Conc: 21.03 ng/ml