

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 17:15
 Operator : AR\AJ
 Sample : N6190-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:27:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.694	3.457	48579988	2521.8E6	23.179	25.642
28)	SA Decachlor...	7.826	8.911	52434665	450.4E6	21.656	25.550
Target Compounds							
2)	A alpha-BHC	3.196	3.921	192.2E6	7693.3E6	55.566	57.559
3)	MA gamma-BHC...	3.527	4.254	157.1E6	5660.9E6	57.150	57.372
4)	MA Heptachlor	3.859	4.820	174.7E6	3731.2E6	55.859	58.551
5)	MB Aldrin	4.137	5.159	179.8E6	3411.2E6	58.029	61.911
6)	B beta-BHC	3.829	4.470	65592115	1860.7E6	51.652	54.913
7)	B delta-BHC	4.058	4.714	156.4E6	3683.5E6	49.683	55.513
8)	B Heptachlo...	4.643	5.591	152.9E6	2725.3E6	55.180	61.133
9)	A Endosulfan I	5.012	5.976	143.2E6	2481.7E6	54.092	59.775
10)	B gamma-Chl...	4.891	5.845	155.7E6	2561.3E6	54.567	57.300
11)	B alpha-Chl...	4.955	5.921	154.1E6	2637.6E6	54.709	60.271
12)	B 4,4'-DDE	5.143	6.095	152.0E6	2640.9E6	56.151	62.490
13)	MA Dieldrin	5.278	6.253	160.0E6	2639.2E6	56.680	62.823
14)	MA Endrin	5.555	6.485	146.1E6	2222.7E6	56.894	67.656
15)	B Endosulfa...	5.854	6.715	129.1E6	2030.9E6	54.652	63.932
16)	A 4,4'-DDD	5.702	6.619	122.8E6	1927.5E6	54.438	61.695
17)	MA 4,4'-DDT	5.951	6.927	123.7E6	1913.7E6	55.849	63.326
18)	B Endrin al...	6.035	6.846	108.8E6	1590.2E6	57.820	67.830
19)	B Endosulfa...	6.259	7.080	126.4E6	1697.8E6	53.197	62.054
20)	A Methoxychlor	6.535	7.407	72013554	831.1E6	54.031	61.404
21)	B Endrin ke...	6.770	7.569	148.3E6	1663.7E6	54.572	60.593
22)	Mirex	6.934	8.016	113.8E6	1042.0E6	54.727	59.576
23)	Chlordane-1	3.703f	4.584f	43359	17374967	0.533	6.863 #
24)	Chlordane-2	4.241f	5.159f	507324	3411.2E6	5.091	2040.472 #
25)	Chlordane-3	4.891	5.845	155.7E6	2561.3E6	521.587	441.330
26)	Chlordane-4	4.955	5.921	154.1E6	2637.6E6	509.967	362.353 #
27)	Chlordane-5	5.854	0.000	129.1E6	0	1431.085	N.D. #

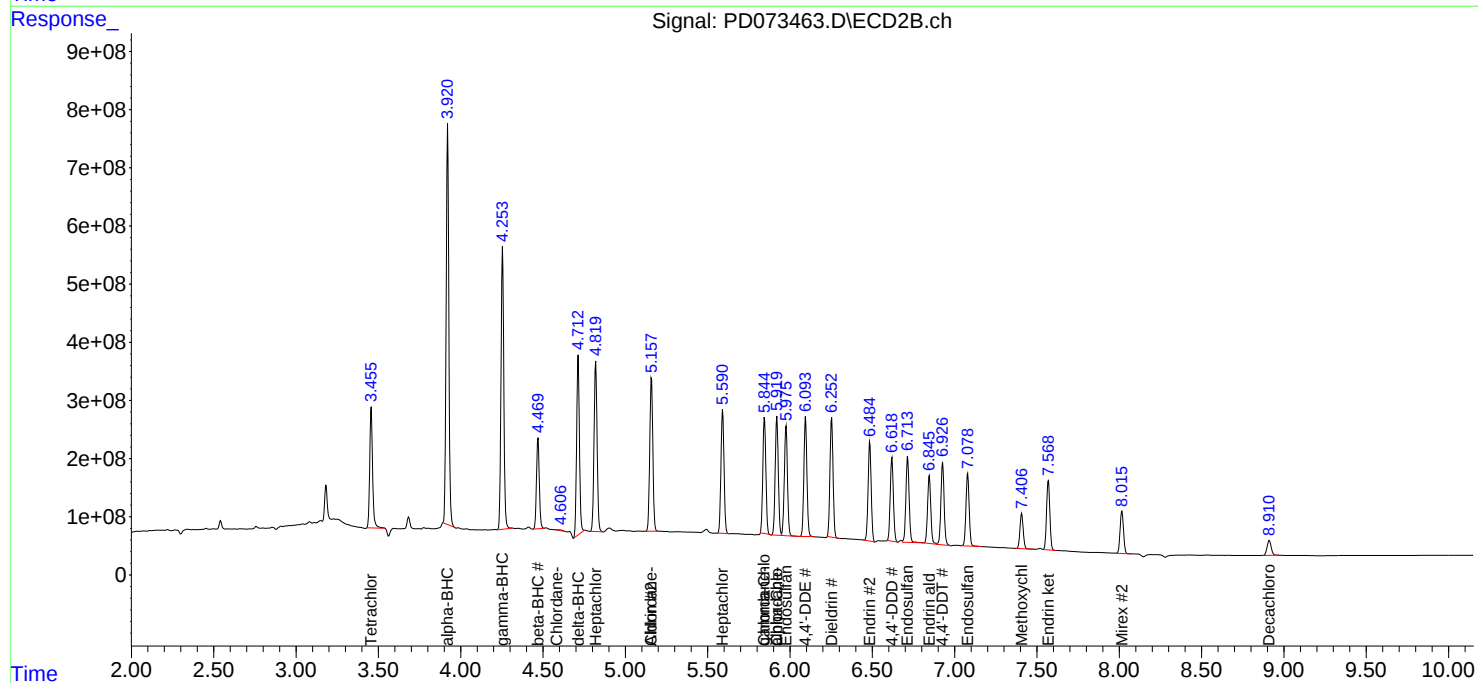
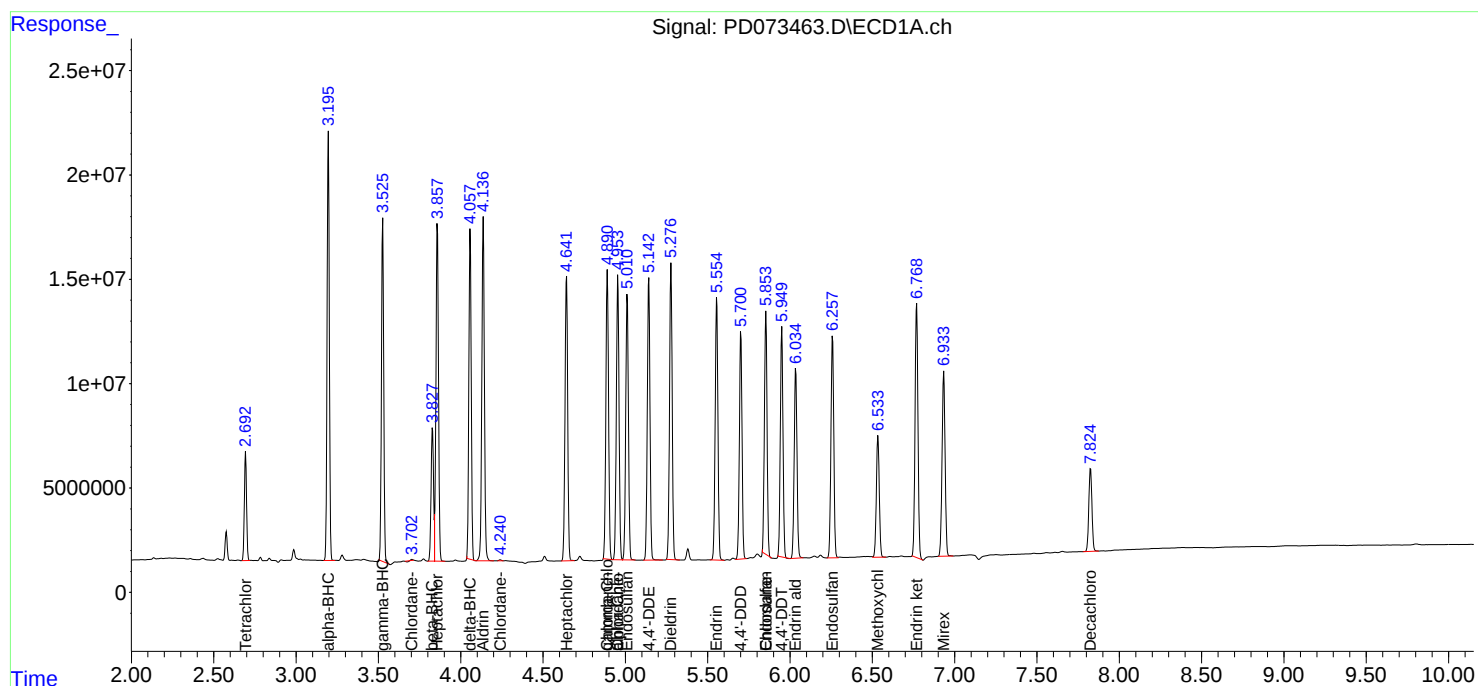
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

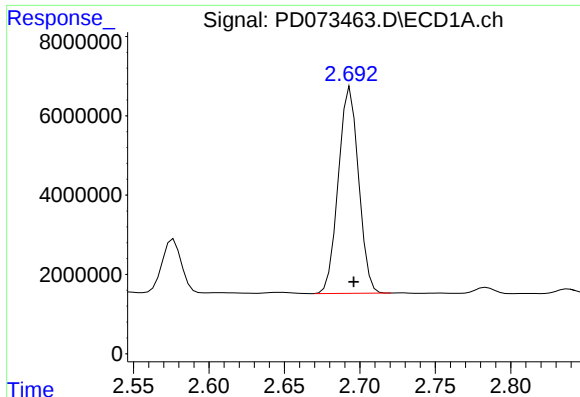
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073463.D
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

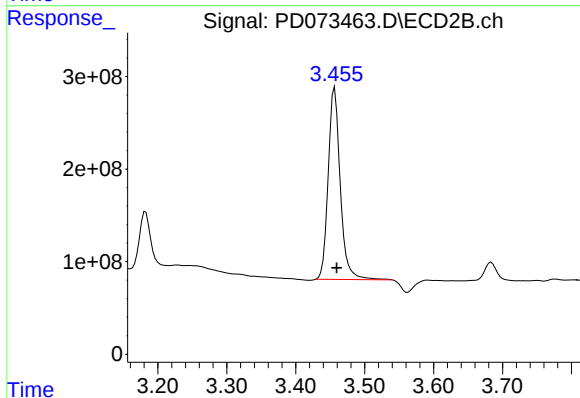




#1 Tetrachloro-m-xylene

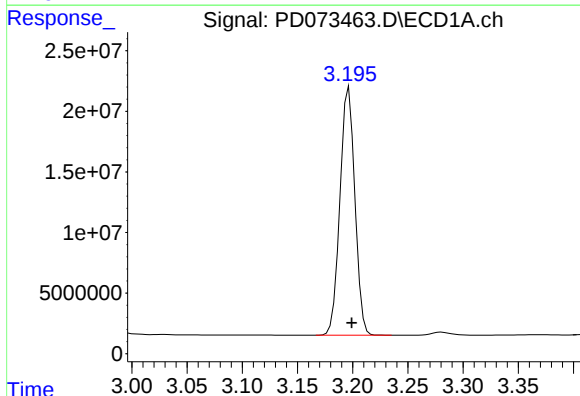
R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 48579988
Conc: 23.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



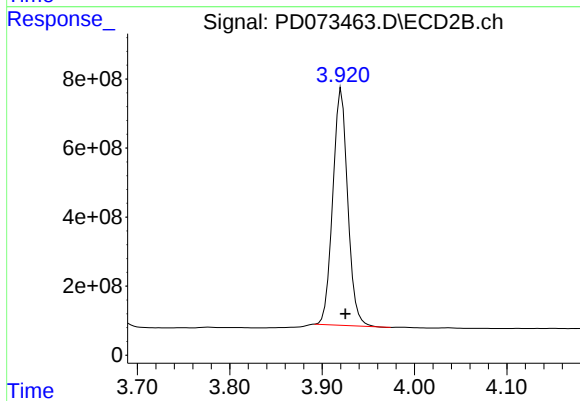
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 2521836913
Conc: 25.64 ng/ml



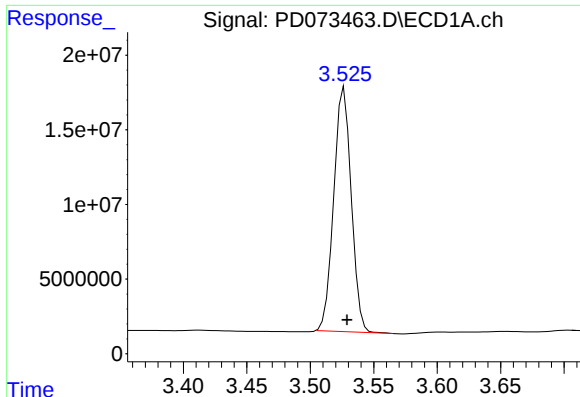
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 192195471
Conc: 55.57 ng/ml



#2 alpha-BHC

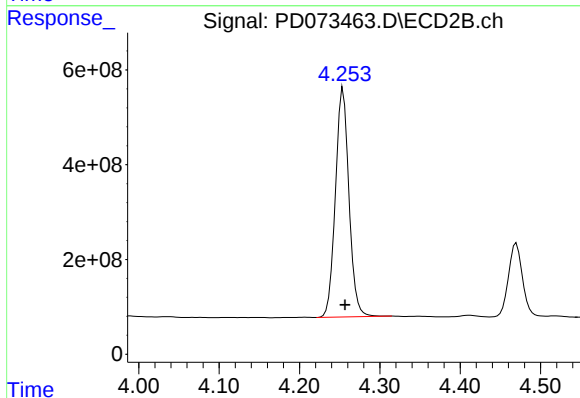
R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 7693266195
Conc: 57.56 ng/ml



#3 gamma-BHC (Lindane)

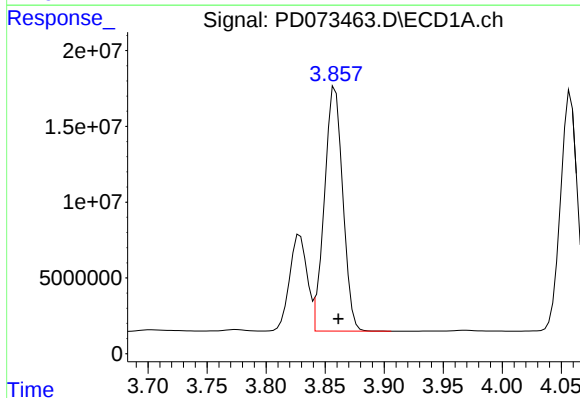
R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 157145619
Conc: 57.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



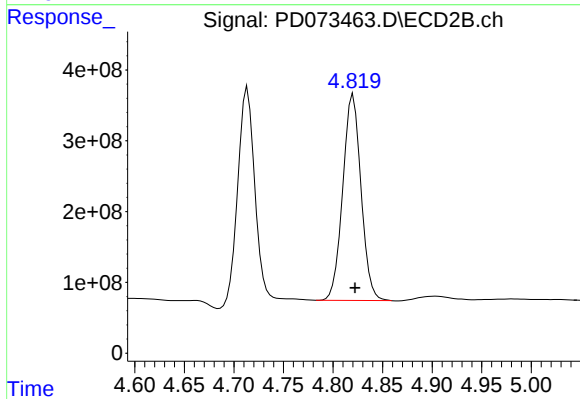
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 5660942025
Conc: 57.37 ng/ml



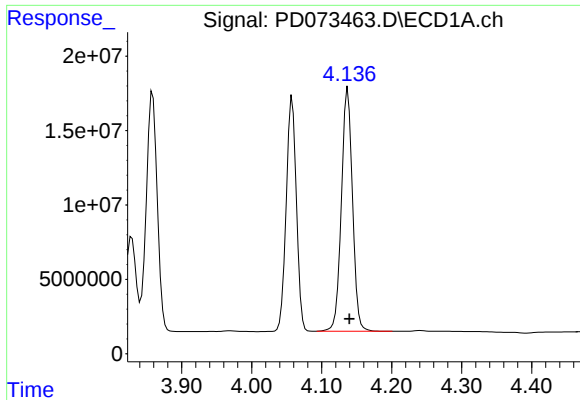
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 174741330
Conc: 55.86 ng/ml



#4 Heptachlor

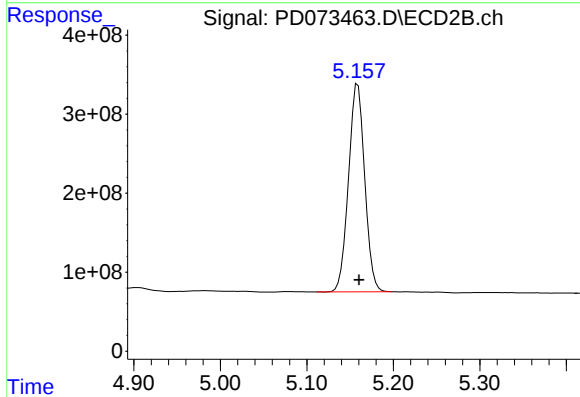
R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 3731150916
Conc: 58.55 ng/ml



#5 Aldrin

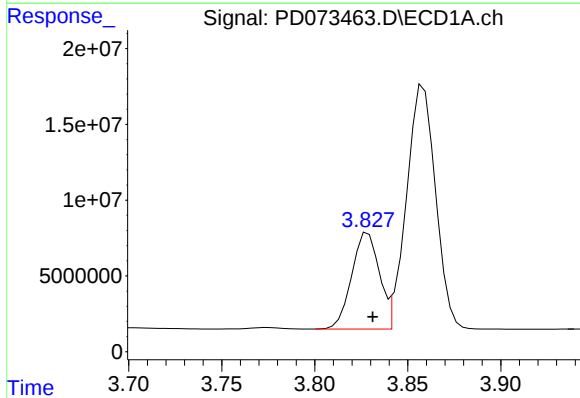
R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 179781857
Conc: 58.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



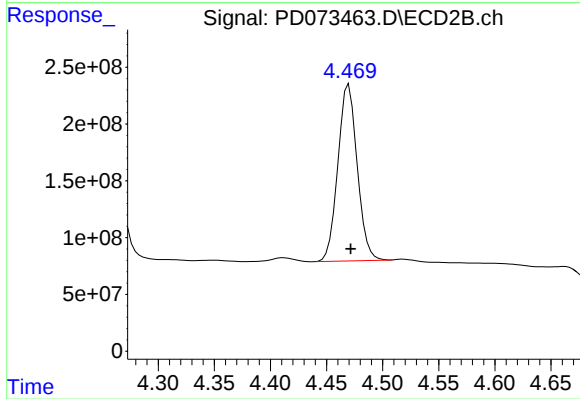
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 3411239079
Conc: 61.91 ng/ml



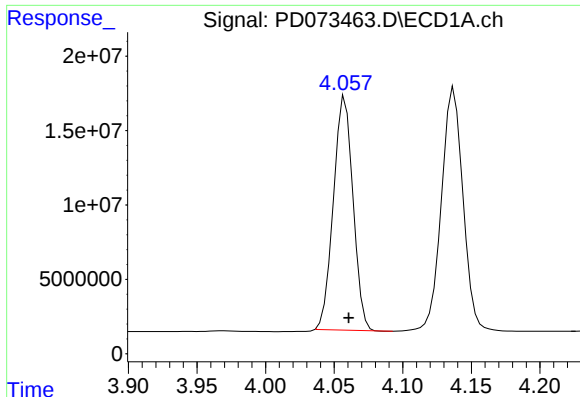
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 65592115
Conc: 51.65 ng/ml



#6 beta-BHC

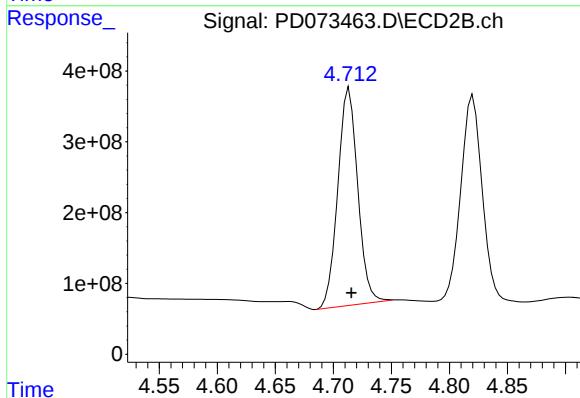
R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 1860734941
Conc: 54.91 ng/ml



#7 delta-BHC

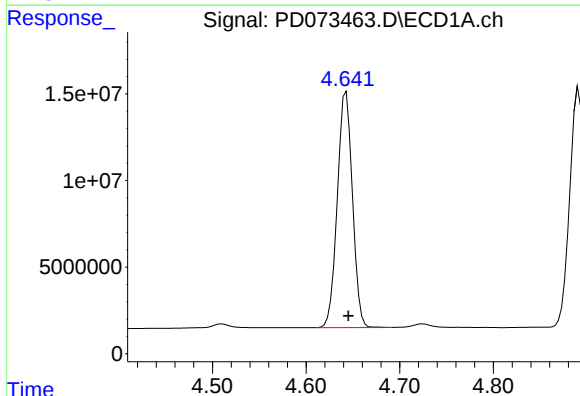
R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 156424173
Conc: 49.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



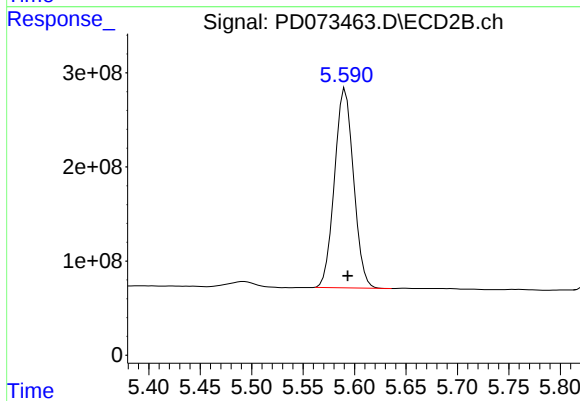
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 3683454991
Conc: 55.51 ng/ml



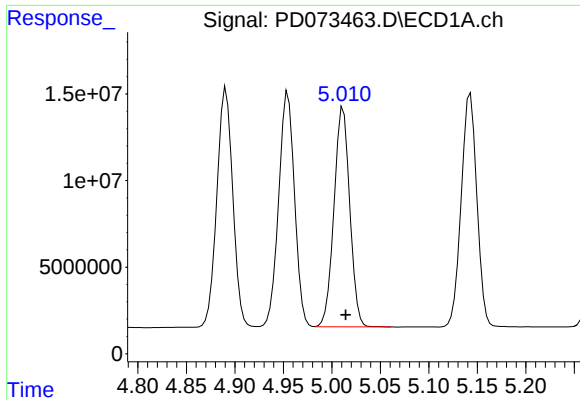
#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 152938529
Conc: 55.18 ng/ml



#8 Heptachlor epoxide

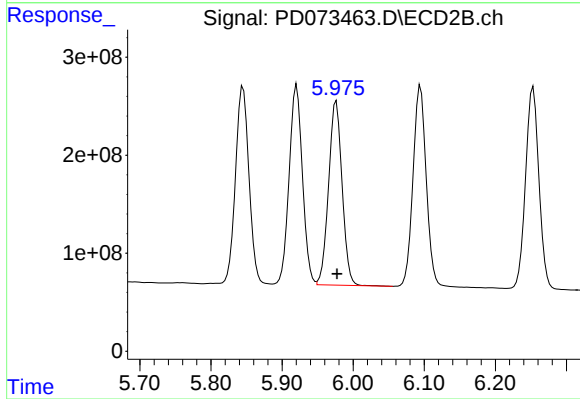
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 2725257896
Conc: 61.13 ng/ml



#9 Endosulfan I

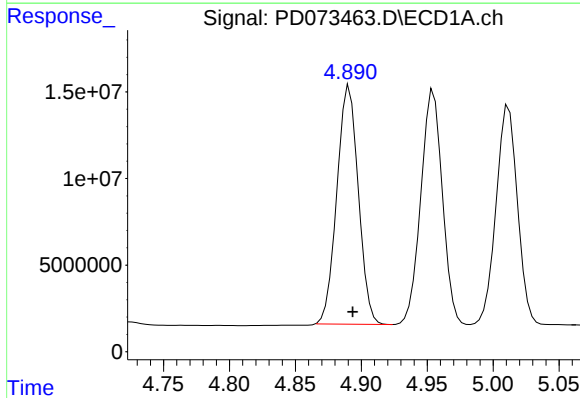
R.T.: 5.012 min
Delta R.T.: -0.003 min
Response: 143159033
Conc: 54.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



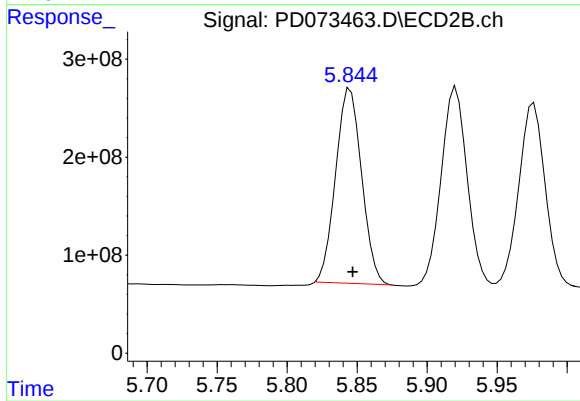
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2481671489
Conc: 59.78 ng/ml



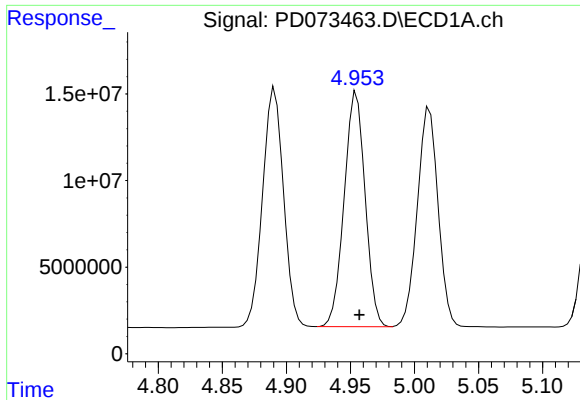
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 155699027
Conc: 54.57 ng/ml



#10 gamma-Chlordane

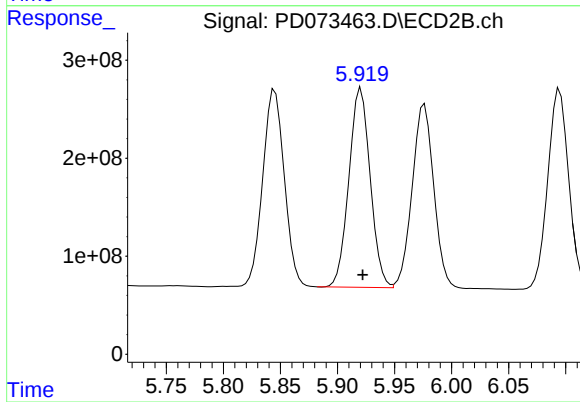
R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 2561284164
Conc: 57.30 ng/ml



#11 alpha-Chlordane

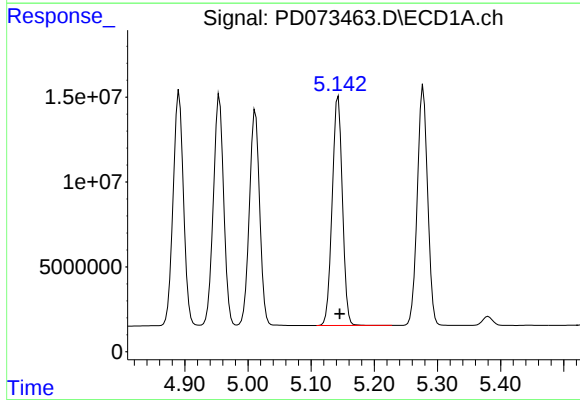
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 154129009
Conc: 54.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



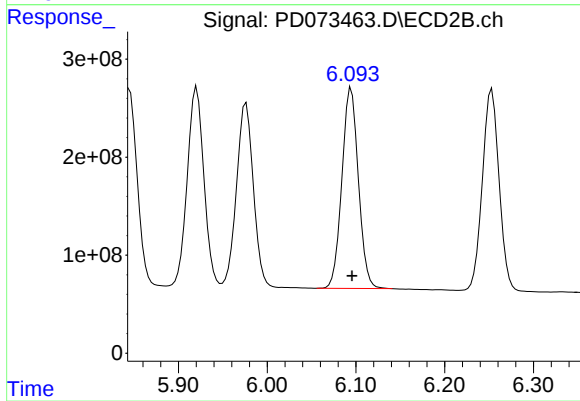
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 2637570108
Conc: 60.27 ng/ml



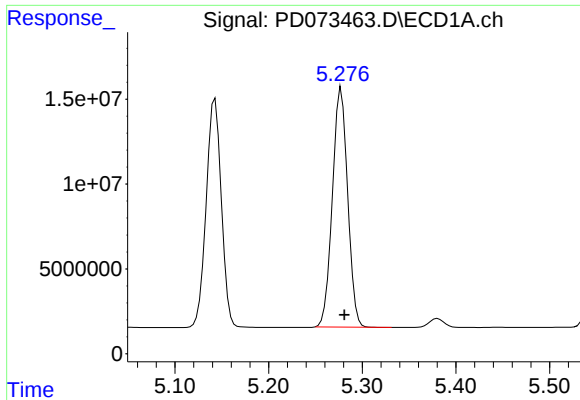
#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 152046537
Conc: 56.15 ng/ml



#12 4,4'-DDE

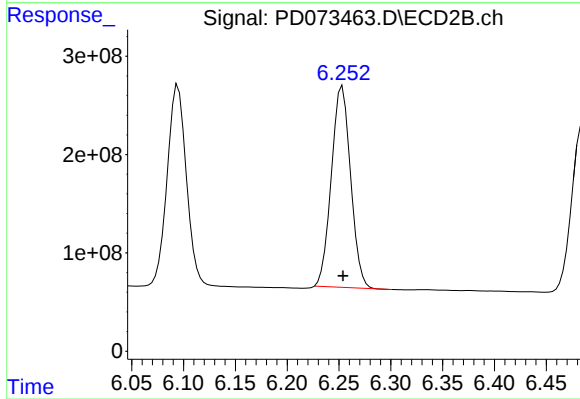
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2640885573
Conc: 62.49 ng/ml



#13 Dieldrin

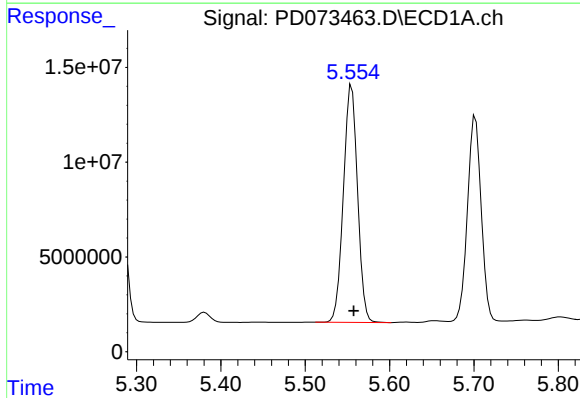
R.T.: 5.278 min
Delta R.T.: -0.003 min
Response: 159950129
Conc: 56.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



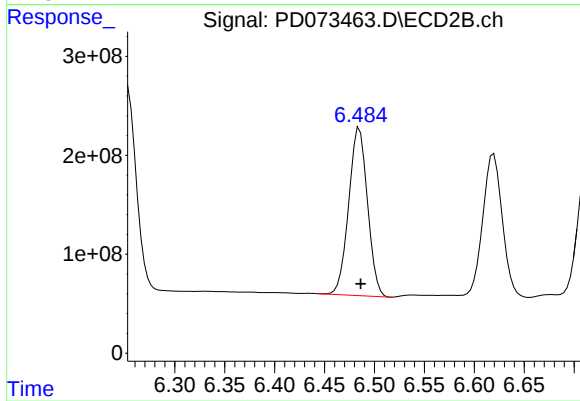
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2639175264
Conc: 62.82 ng/ml



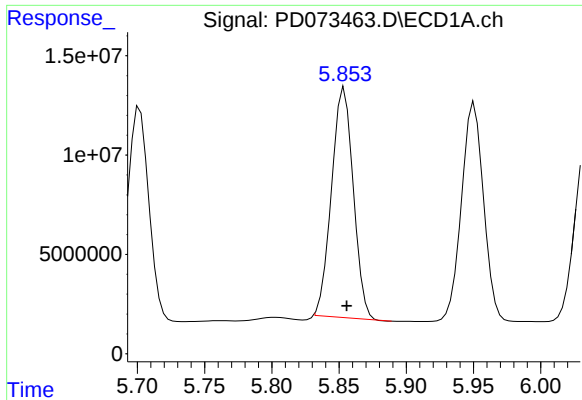
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 146084116
Conc: 56.89 ng/ml



#14 Endrin

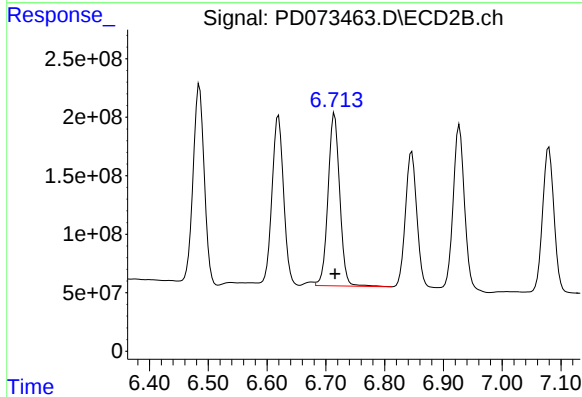
R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 2222747892
Conc: 67.66 ng/ml



#15 Endosulfan II

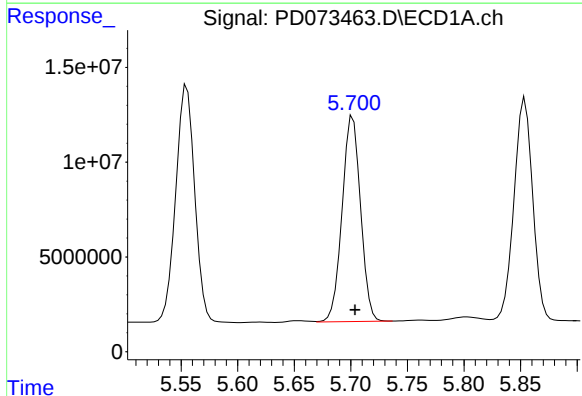
R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 129121155
Conc: 54.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



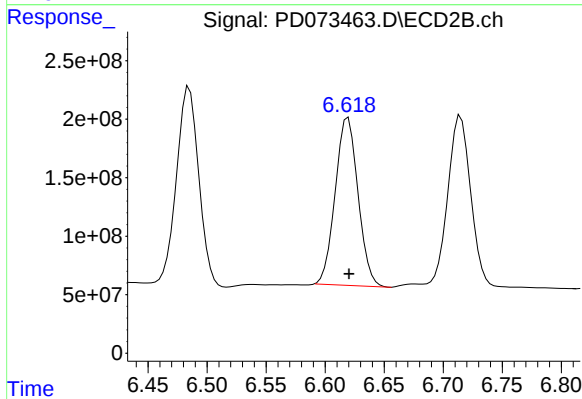
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 2030916627
Conc: 63.93 ng/ml



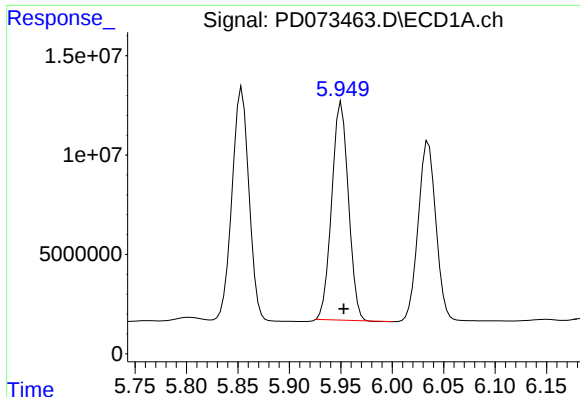
#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 122782305
Conc: 54.44 ng/ml



#16 4,4'-DDD

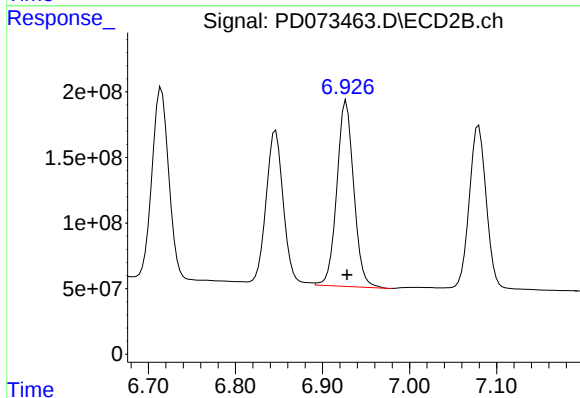
R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 1927549000
Conc: 61.70 ng/ml



#17 4,4'-DDT

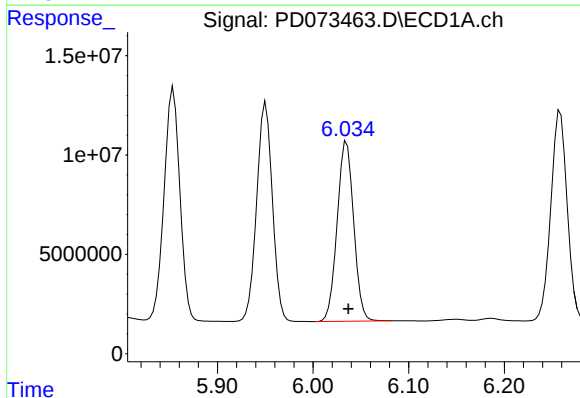
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 123714596
Conc: 55.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



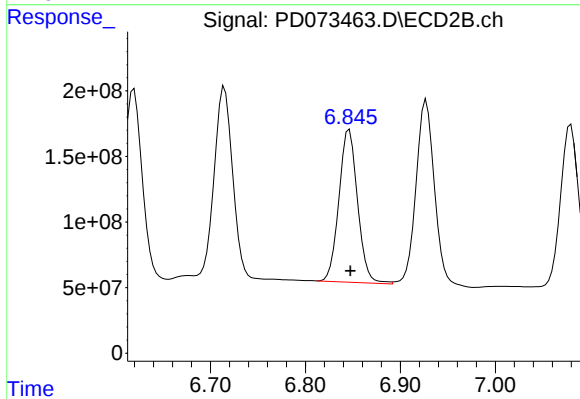
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 1913660238
Conc: 63.33 ng/ml



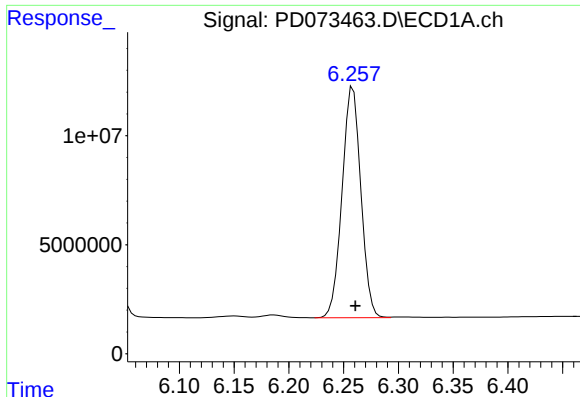
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 108836649
Conc: 57.82 ng/ml



#18 Endrin aldehyde

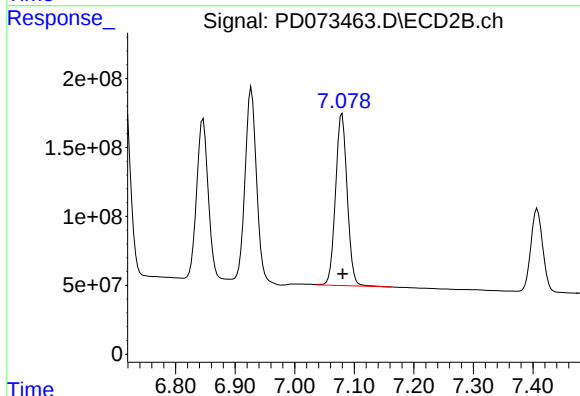
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 1590157994
Conc: 67.83 ng/ml



#19 Endosulfan Sulfate

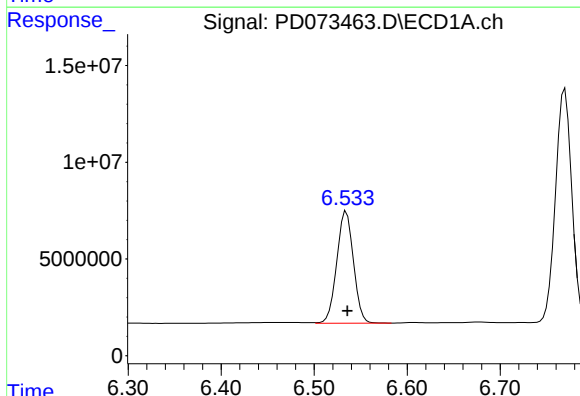
R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 126440428
Conc: 53.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



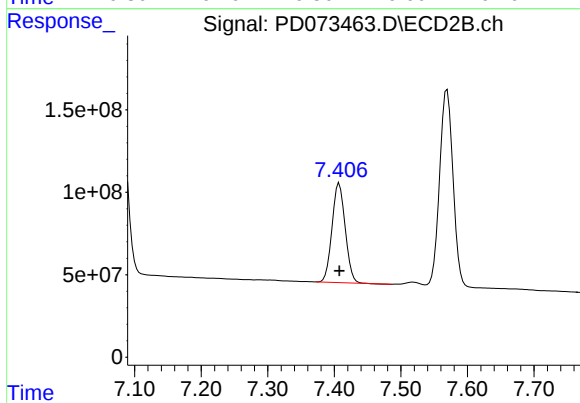
#19 Endosulfan Sulfate

R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 1697806051
Conc: 62.05 ng/ml



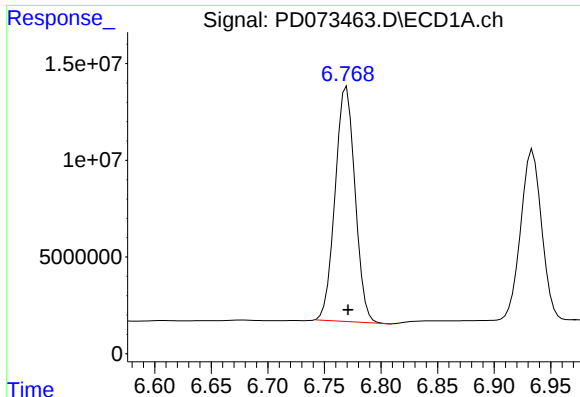
#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 72013554
Conc: 54.03 ng/ml



#20 Methoxychlor

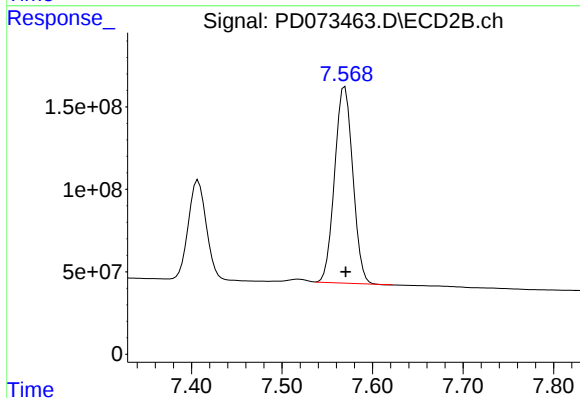
R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 831128796
Conc: 61.40 ng/ml



#21 Endrin ketone

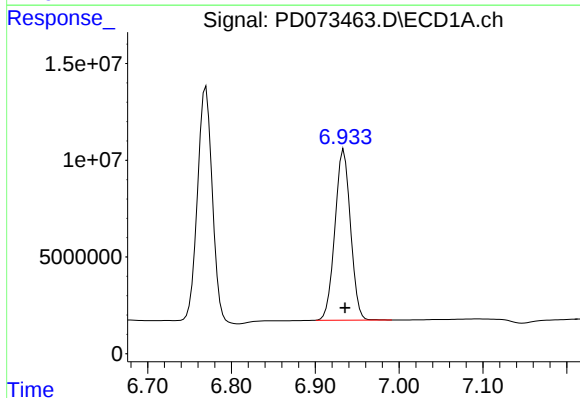
R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 148298153
Conc: 54.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



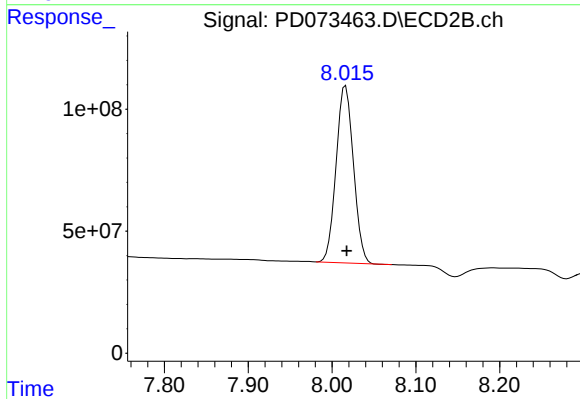
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 1663666941
Conc: 60.59 ng/ml



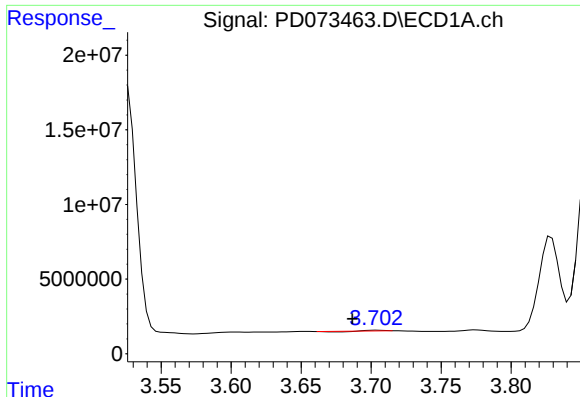
#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 113757040
Conc: 54.73 ng/ml



#22 Mirex

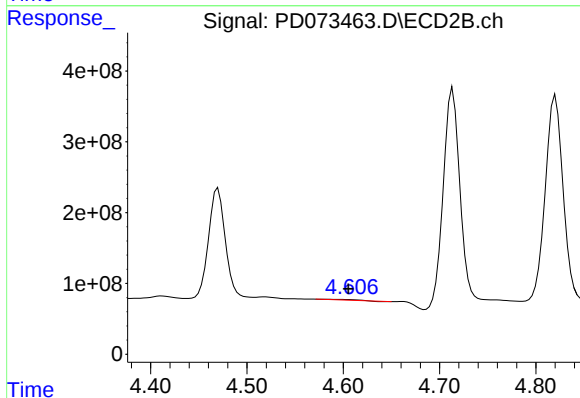
R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 1042007249
Conc: 59.58 ng/ml



#23 Chlordane-1

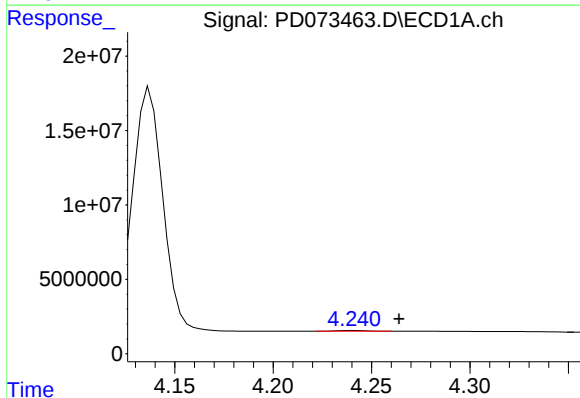
R.T.: 3.703 min
Delta R.T.: 0.017 min
Response: 43359
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



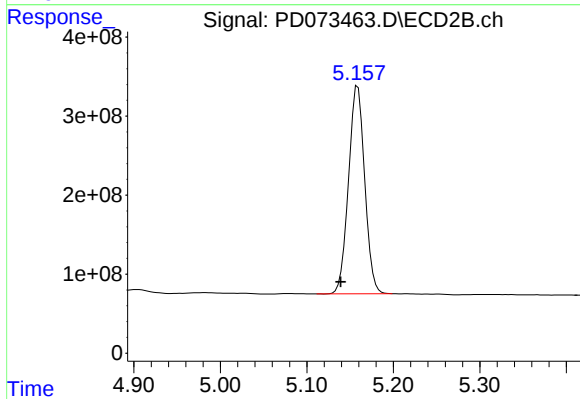
#23 Chlordane-1

R.T.: 4.584 min
Delta R.T.: -0.021 min
Response: 17374967
Conc: 6.86 ng/ml



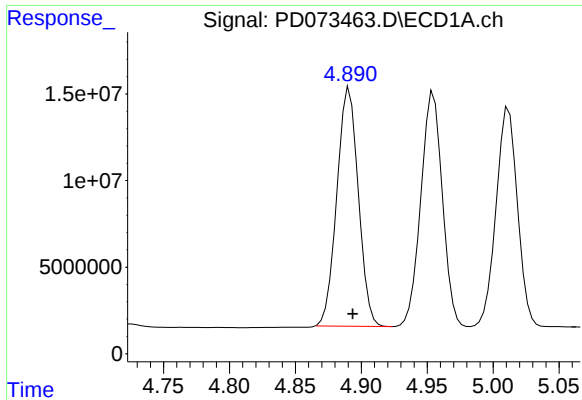
#24 Chlordane-2

R.T.: 4.241 min
Delta R.T.: -0.023 min
Response: 507324
Conc: 5.09 ng/ml



#24 Chlordane-2

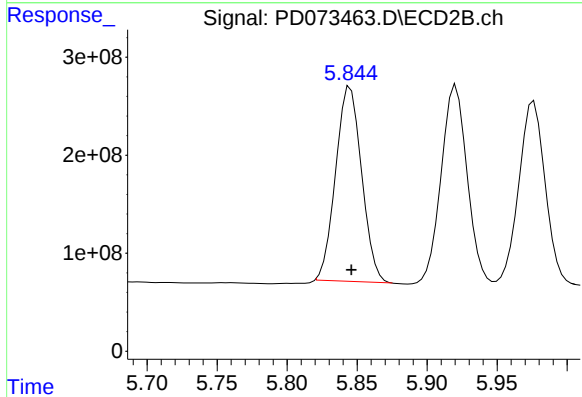
R.T.: 5.159 min
Delta R.T.: 0.020 min
Response: 3411239079
Conc: 2040.47 ng/ml



#25 Chlordane-3

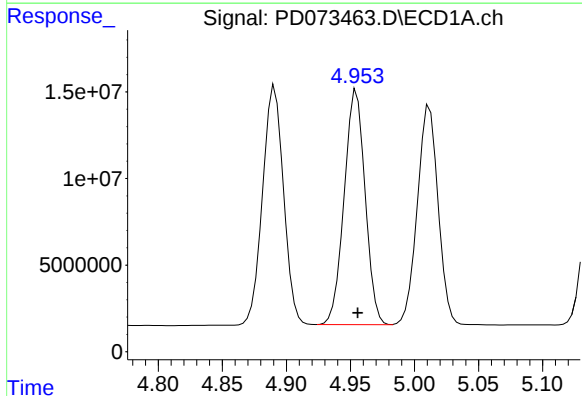
R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 155699027
Conc: 521.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



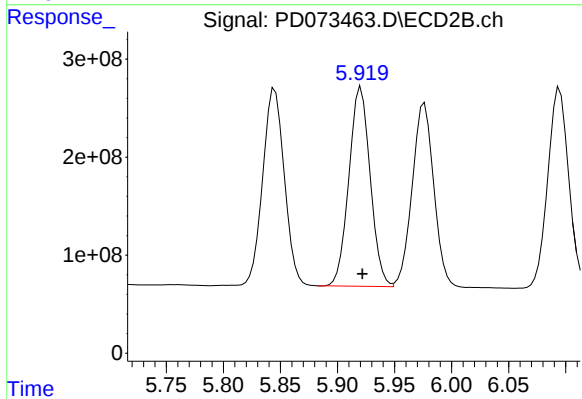
#25 Chlordane-3

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 2561284164
Conc: 441.33 ng/ml



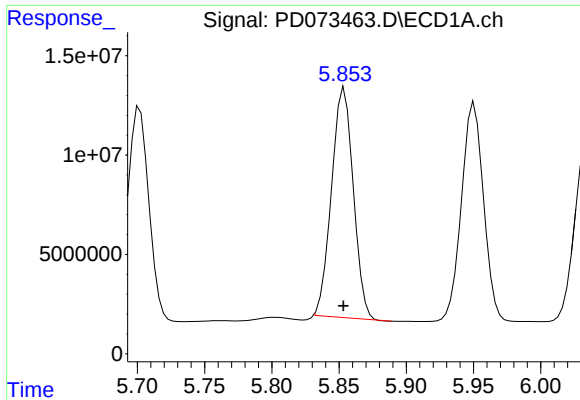
#26 Chlordane-4

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 154129009
Conc: 509.97 ng/ml



#26 Chlordane-4

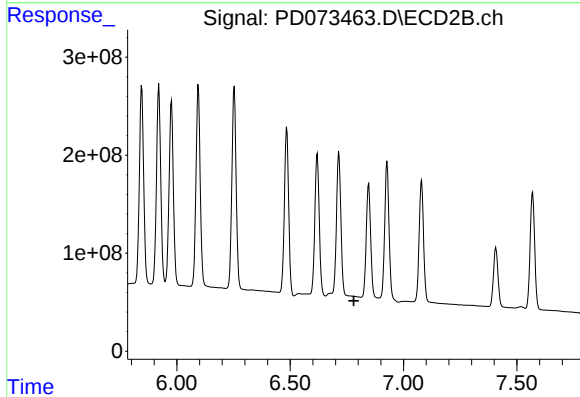
R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 2637570108
Conc: 362.35 ng/ml



#27 Chlordane-5

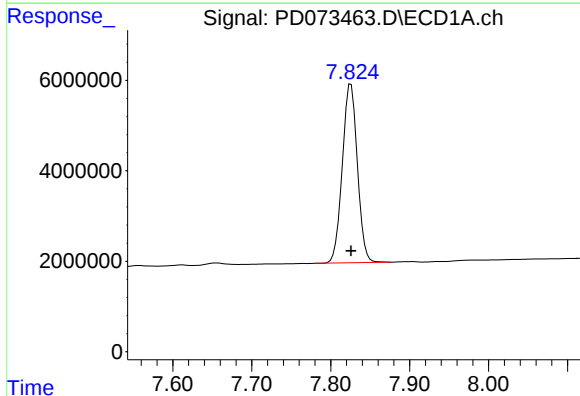
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 129121155
Conc: 1431.08 ng/m

Instrument :
ECD_D
ClientSampleId :



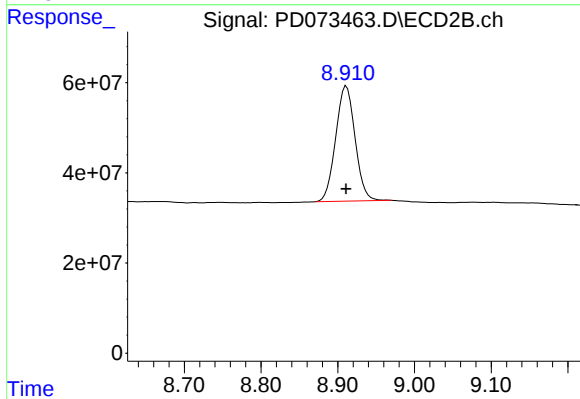
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 52434665
Conc: 21.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 450388561
Conc: 25.55 ng/ml