

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 17:28
 Operator : AR\AJ
 Sample : N6190-01MSD
 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: Dec 24 06:28:19 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	47848721	2392.2E6	22.831	24.325
28)	SA Decachlor...	7.825	8.910	52436841	443.9E6	21.657	25.182
Target Compounds							
2)	A alpha-BHC	3.197	3.921	190.4E6	7298.0E6	55.035	54.602
3)	MA gamma-BHC...	3.527	4.254	157.1E6	5400.3E6	57.118	54.730
4)	MA Heptachlor	3.859	4.821	174.2E6	3636.4E6	55.679	57.064
5)	MB Aldrin	4.138	5.159	180.1E6	3340.6E6	58.123	60.629
6)	B beta-BHC	3.829	4.470	65805826	1795.9E6	51.820	52.998
7)	B delta-BHC	4.058	4.714	156.0E6	3598.2E6	49.538	54.227
8)	B Heptachlo...	4.642	5.591	153.5E6	2682.7E6	55.376	60.179
9)	A Endosulfan I	5.012	5.976	143.2E6	2449.6E6	54.094	59.002
10)	B gamma-Chl...	4.891	5.845	155.2E6	2518.4E6	54.378	56.340
11)	B alpha-Chl...	4.955	5.921	154.0E6	2616.4E6	54.672	59.788
12)	B 4,4'-DDE	5.143	6.094	152.0E6	2609.0E6	56.151	61.735
13)	MA Dieldrin	5.279	6.253	159.7E6	2652.9E6	56.580	63.149
14)	MA Endrin	5.555	6.484	146.0E6	2227.4E6	56.870	67.798
15)	B Endosulfa...	5.854	6.715	127.2E6	2020.9E6	53.843	63.615
16)	A 4,4'-DDD	5.702	6.620	122.7E6	1909.4E6	54.406	61.115
17)	MA 4,4'-DDT	5.951	6.928	122.2E6	1903.7E6	55.157	62.997
18)	B Endrin al...	6.035	6.847	108.8E6	1576.2E6	57.804	67.235
19)	B Endosulfa...	6.258	7.079	126.5E6	1697.4E6	53.212	62.041
20)	A Methoxychlor	6.534	7.407	71925645	790.8E6	53.965	58.426
21)	B Endrin ke...	6.769	7.570	149.0E6	1548.5E6	54.833	56.399
22)	Mirex	6.934	8.017	113.7E6	1045.4E6	54.710	59.770
23)	Chlordane-1	3.703f	4.582f	78724	23126844	0.968	9.134 #
24)	Chlordane-2	4.241f	5.159f	496642	3340.6E6	4.983	1998.218 #
25)	Chlordane-3	4.891	5.845	155.2E6	2518.4E6	519.781	433.934
26)	Chlordane-4	4.955	5.921	154.0E6	2616.4E6	509.619	359.448 #
27)	Chlordane-5	5.854	0.000	127.2E6	0	1409.895	N.D. #

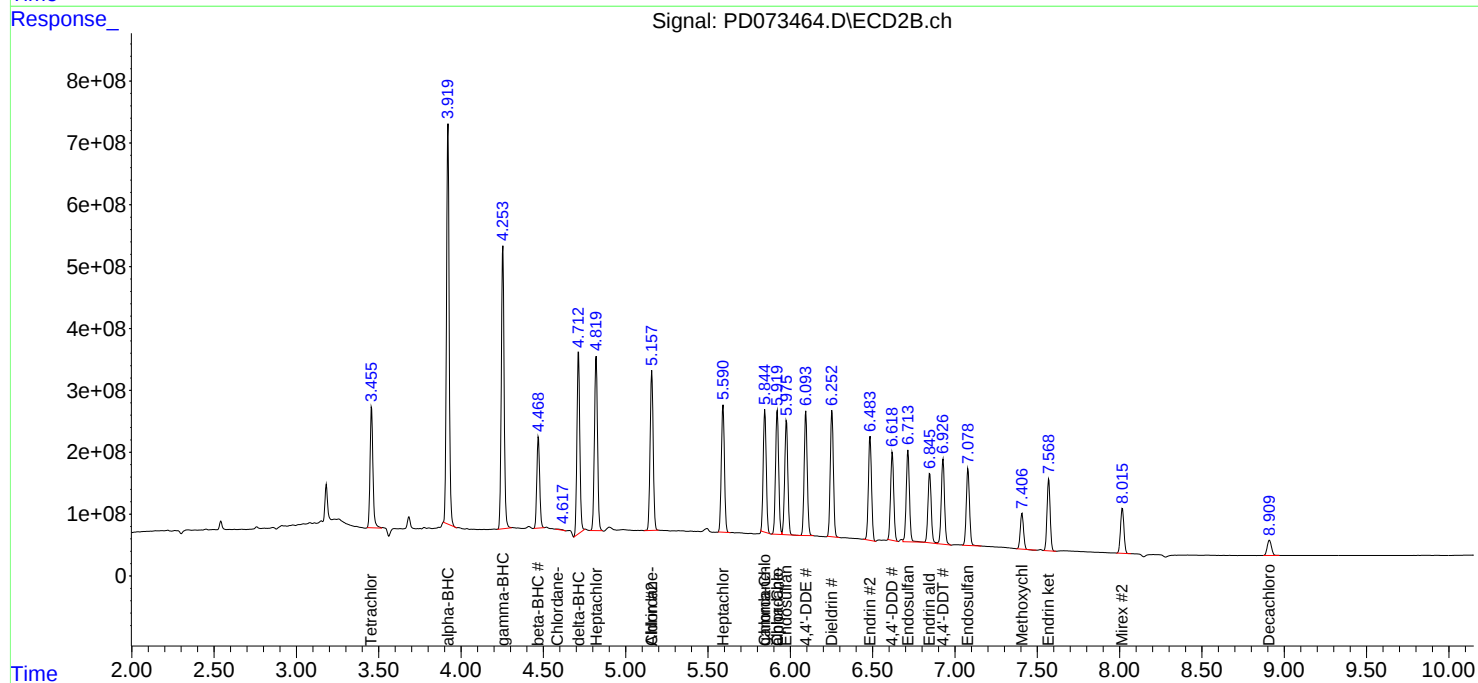
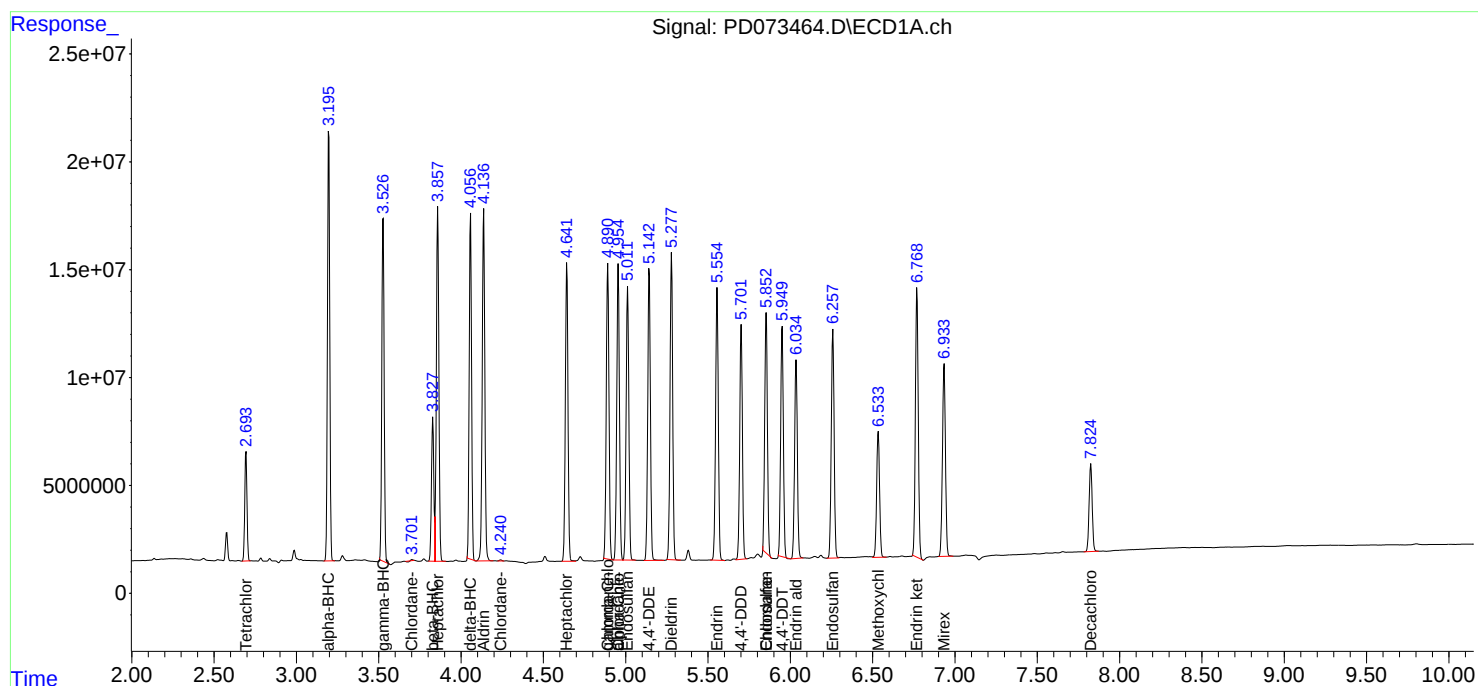
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

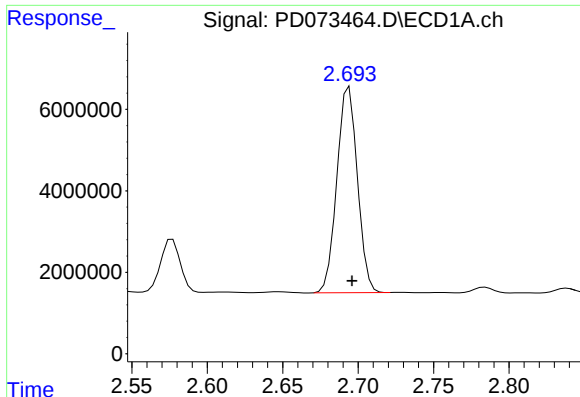
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073464.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

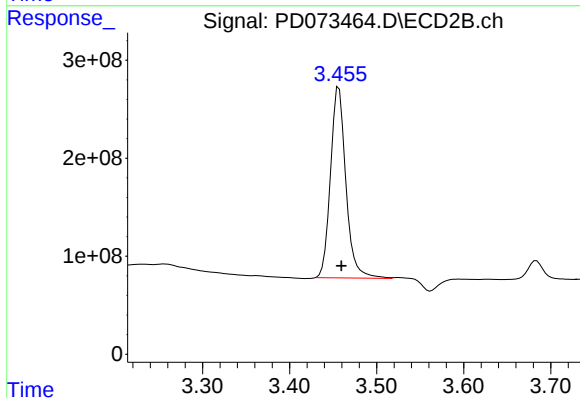




#1 Tetrachloro-m-xylene

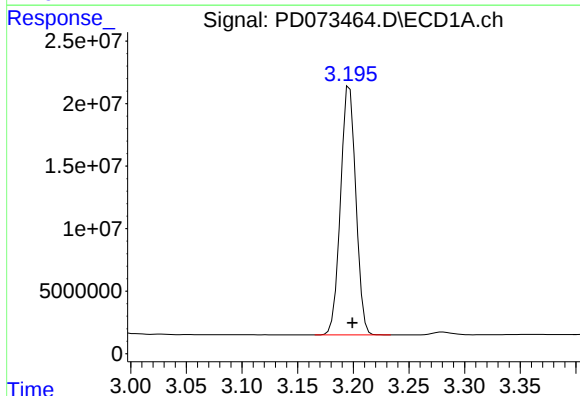
R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 47848721
Conc: 22.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



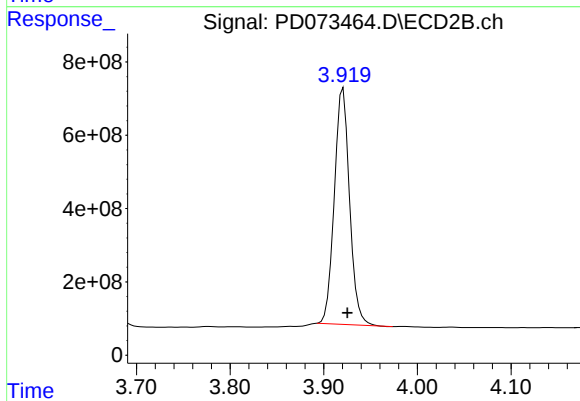
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 2392249142
Conc: 24.32 ng/ml



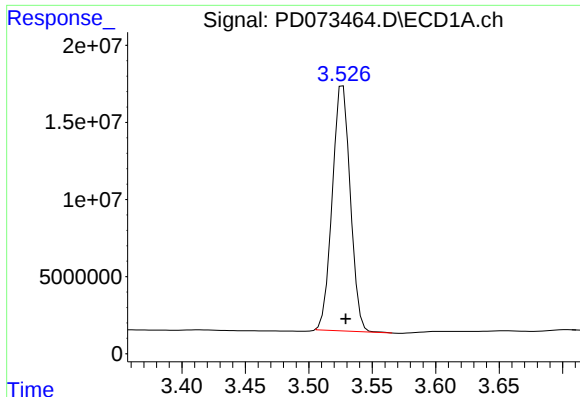
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 190358065
Conc: 55.03 ng/ml



#2 alpha-BHC

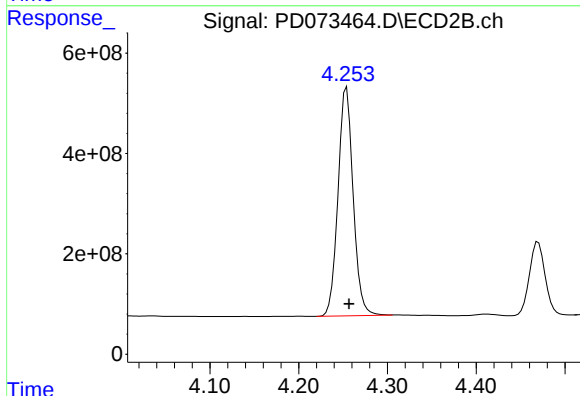
R.T.: 3.921 min
Delta R.T.: -0.005 min
Response: 7297990390
Conc: 54.60 ng/ml



#3 gamma-BHC (Lindane)

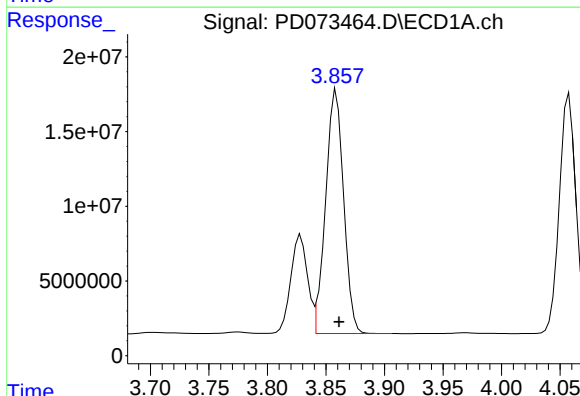
R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 157056548
Conc: 57.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



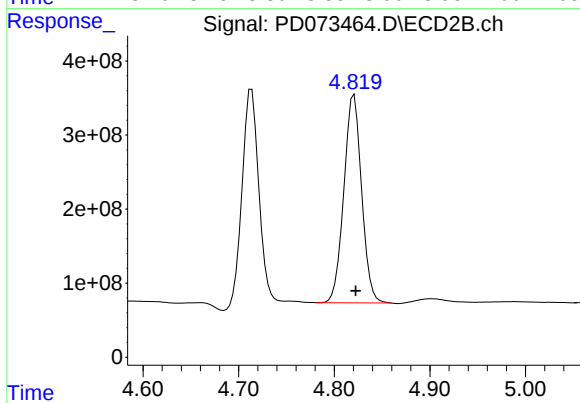
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 5400260077
Conc: 54.73 ng/ml



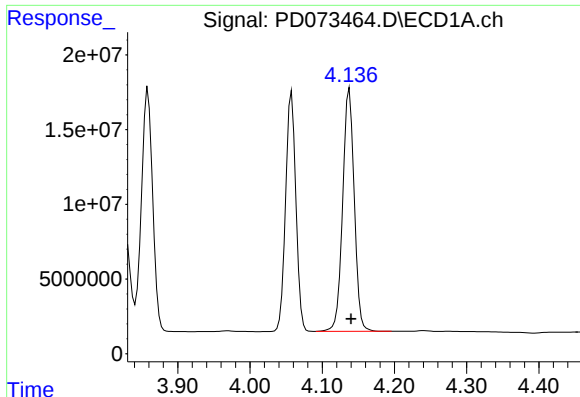
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 174177129
Conc: 55.68 ng/ml



#4 Heptachlor

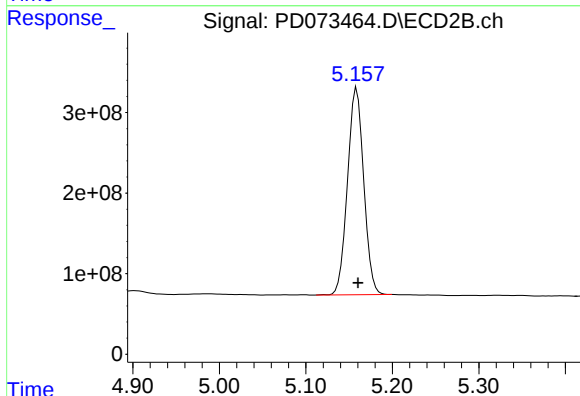
R.T.: 4.821 min
Delta R.T.: -0.002 min
Response: 3636378364
Conc: 57.06 ng/ml



#5 Aldrin

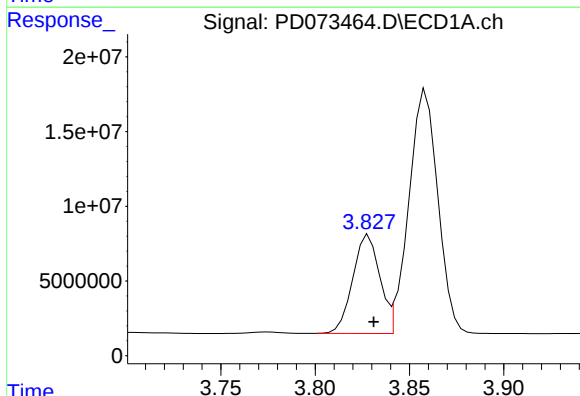
R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 180073875
Conc: 58.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



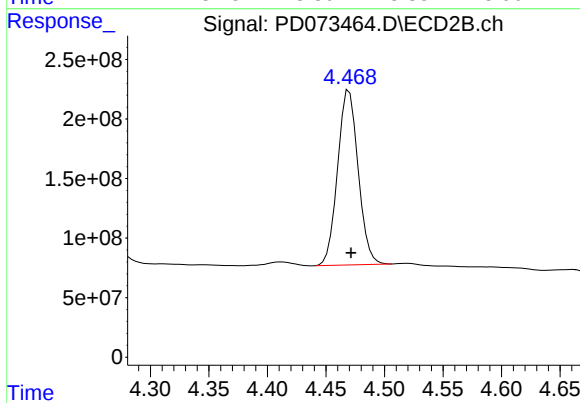
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 3340599091
Conc: 60.63 ng/ml



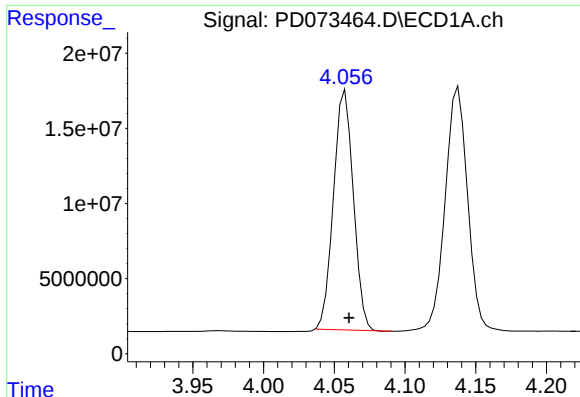
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.003 min
Response: 65805826
Conc: 51.82 ng/ml



#6 beta-BHC

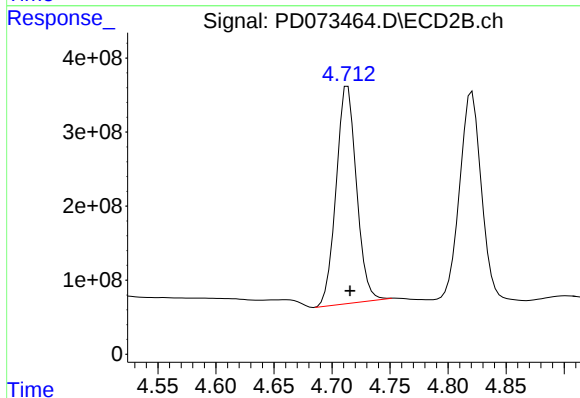
R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 1795870214
Conc: 53.00 ng/ml



#7 delta-BHC

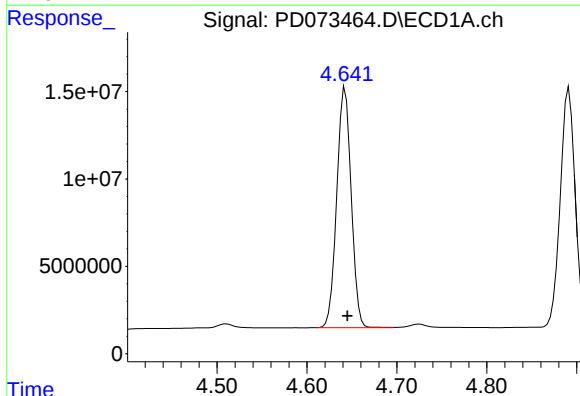
R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 155968301
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



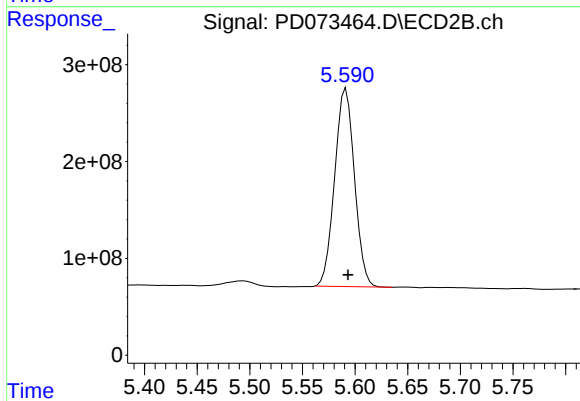
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 3598165507
Conc: 54.23 ng/ml



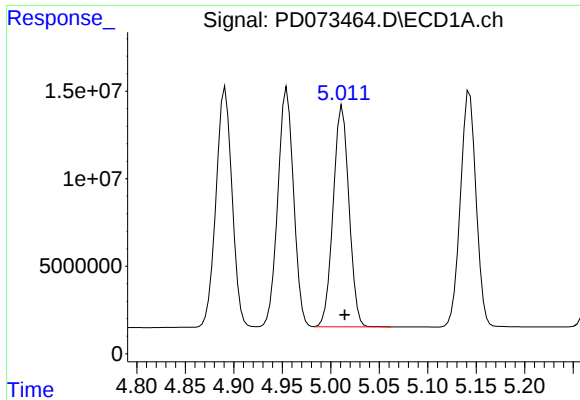
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 153482487
Conc: 55.38 ng/ml



#8 Heptachlor epoxide

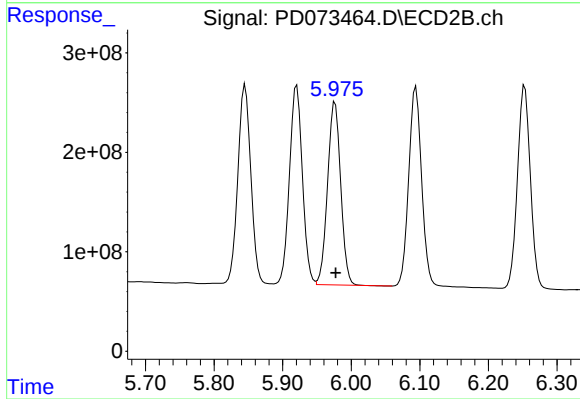
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 2682707998
Conc: 60.18 ng/ml



#9 Endosulfan I

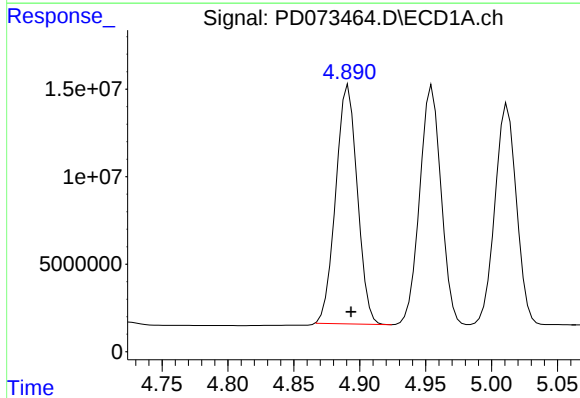
R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 143161878
Conc: 54.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



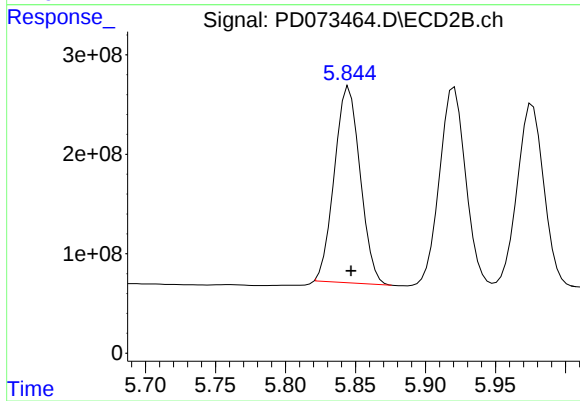
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 2449563877
Conc: 59.00 ng/ml



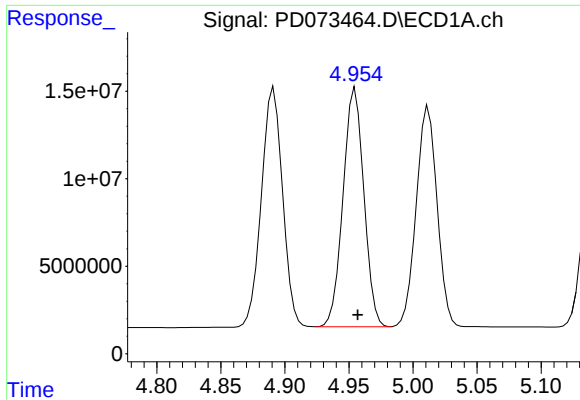
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 155159698
Conc: 54.38 ng/ml



#10 gamma-Chlordane

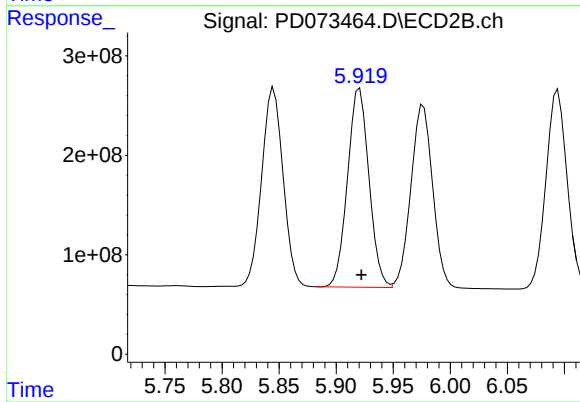
R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 2518361718
Conc: 56.34 ng/ml



#11 alpha-Chlordane

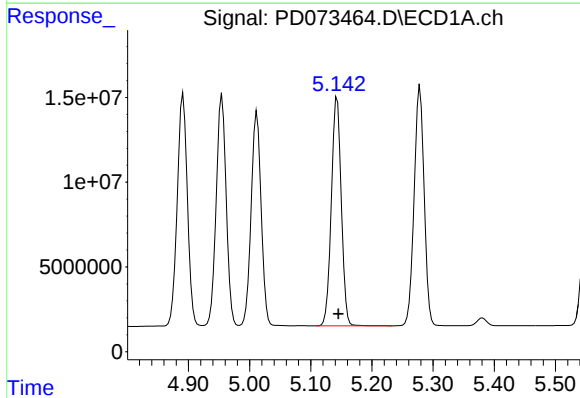
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 154023819
Conc: 54.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



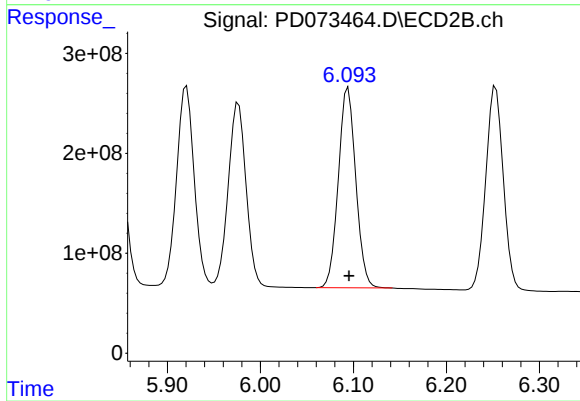
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 2616424172
Conc: 59.79 ng/ml



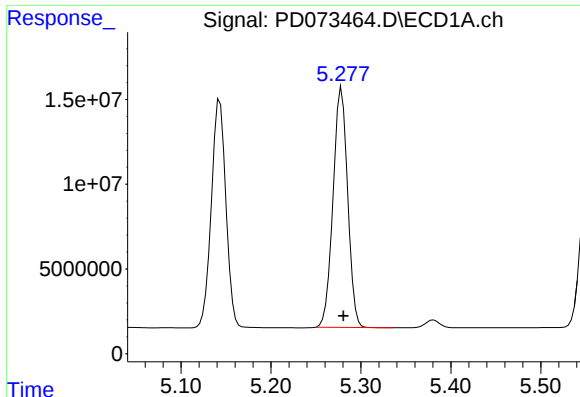
#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 152047436
Conc: 56.15 ng/ml



#12 4,4'-DDE

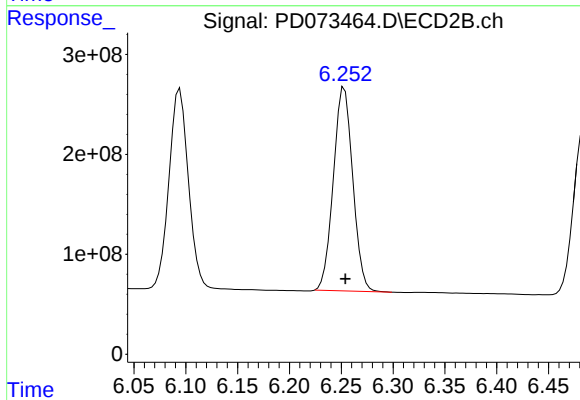
R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 2608995593
Conc: 61.74 ng/ml



#13 Dieldrin

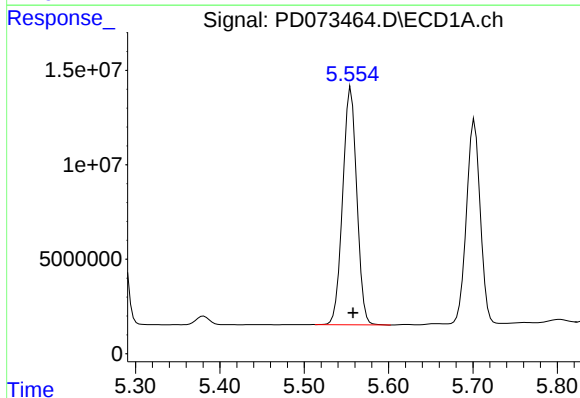
R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 159667677
Conc: 56.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



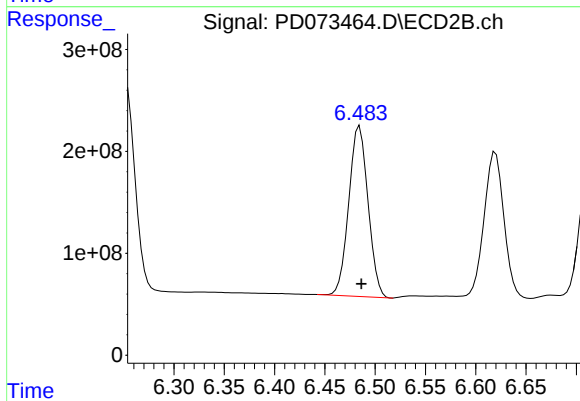
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 2652868173
Conc: 63.15 ng/ml



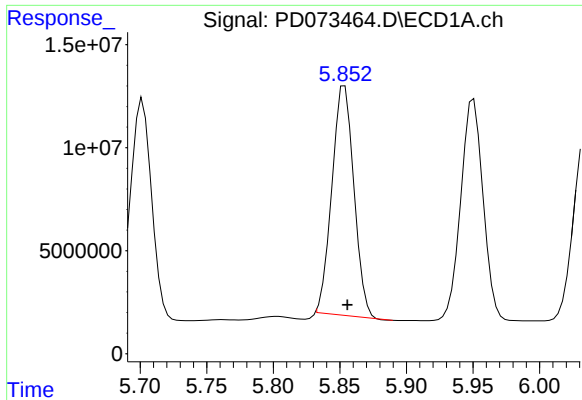
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 146023683
Conc: 56.87 ng/ml



#14 Endrin

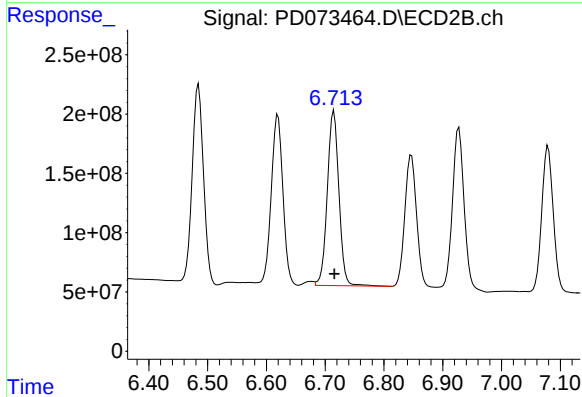
R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 2227421039
Conc: 67.80 ng/ml



#15 Endosulfan II

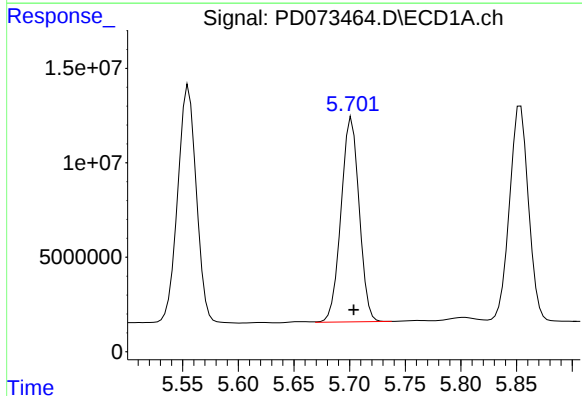
R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 127209281
Conc: 53.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



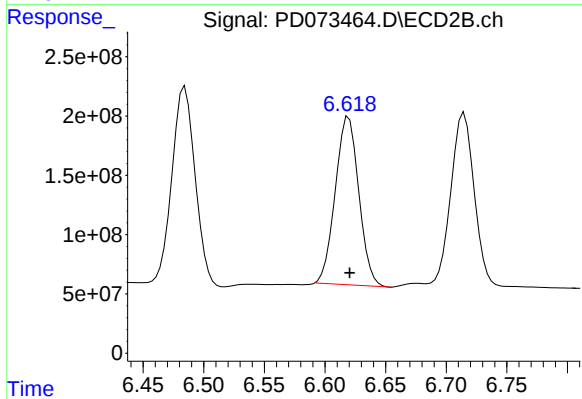
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 2020863031
Conc: 63.62 ng/ml



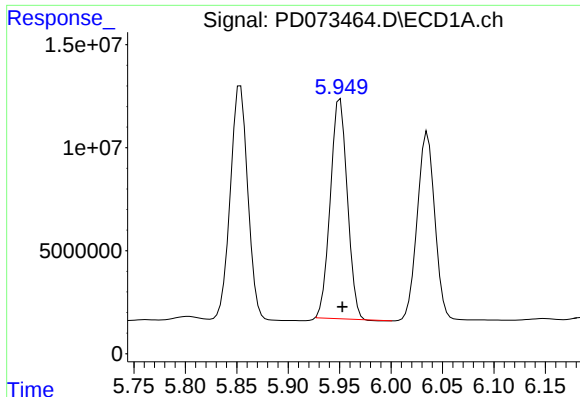
#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 122709216
Conc: 54.41 ng/ml



#16 4,4'-DDD

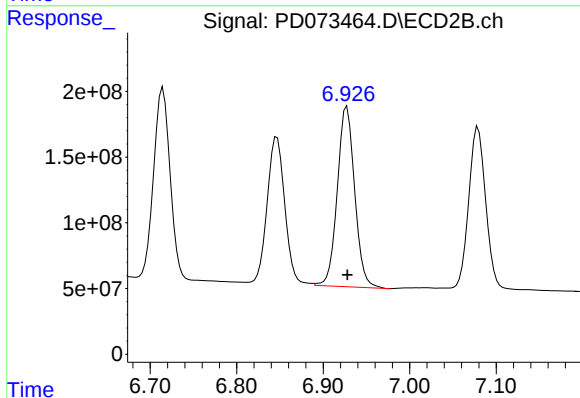
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 1909413190
Conc: 61.11 ng/ml



#17 4,4'-DDT

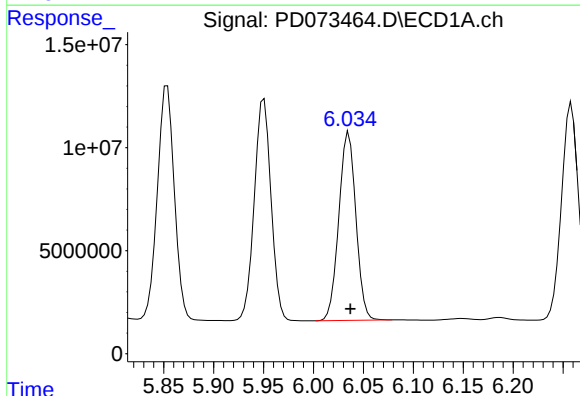
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 122181044
Conc: 55.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



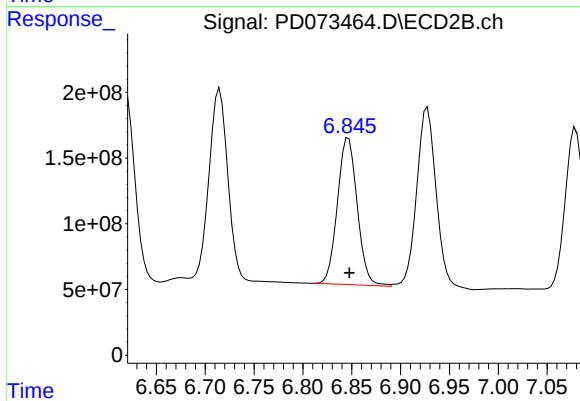
#17 4,4'-DDT

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 1903723483
Conc: 63.00 ng/ml



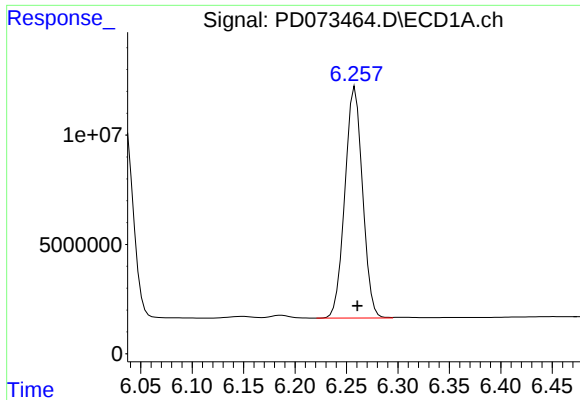
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 108806664
Conc: 57.80 ng/ml



#18 Endrin aldehyde

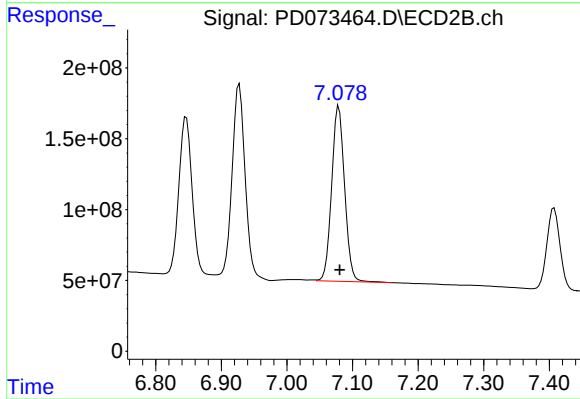
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 1576194202
Conc: 67.23 ng/ml



#19 Endosulfan Sulfate

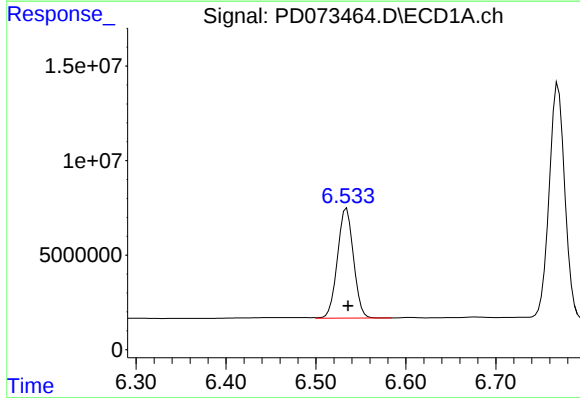
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 126476679
Conc: 53.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



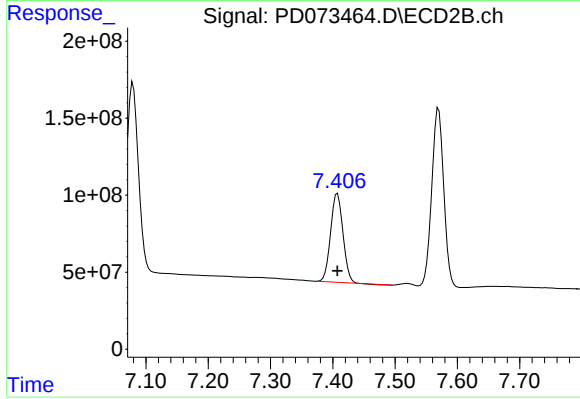
#19 Endosulfan Sulfate

R.T.: 7.079 min
Delta R.T.: -0.001 min
Response: 1697440201
Conc: 62.04 ng/ml



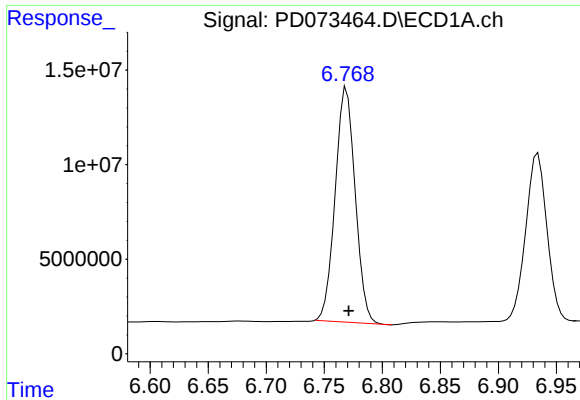
#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 71925645
Conc: 53.97 ng/ml



#20 Methoxychlor

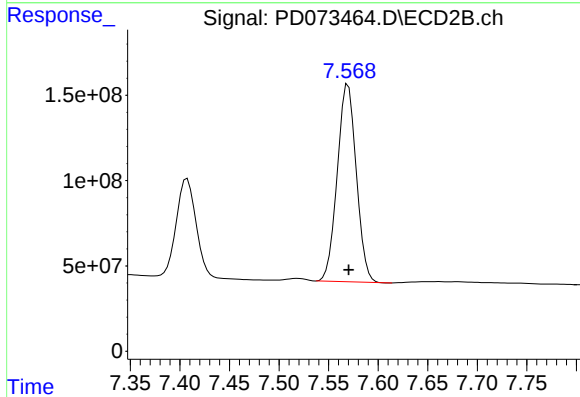
R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 790821329
Conc: 58.43 ng/ml



#21 Endrin ketone

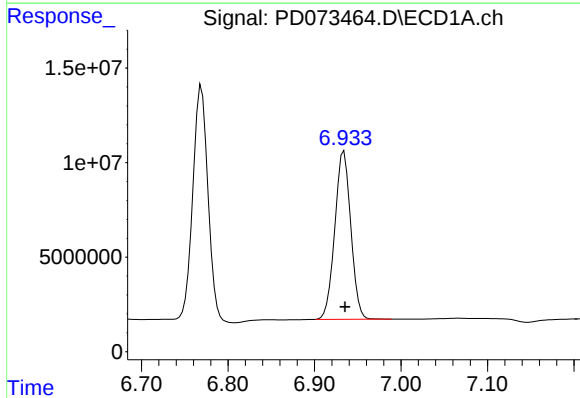
R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 149006546
Conc: 54.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



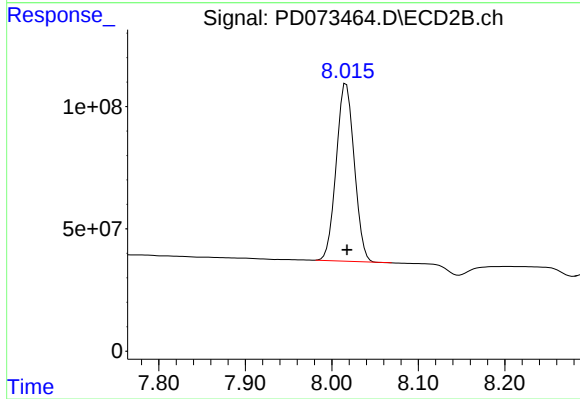
#21 Endrin ketone

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 1548513698
Conc: 56.40 ng/ml



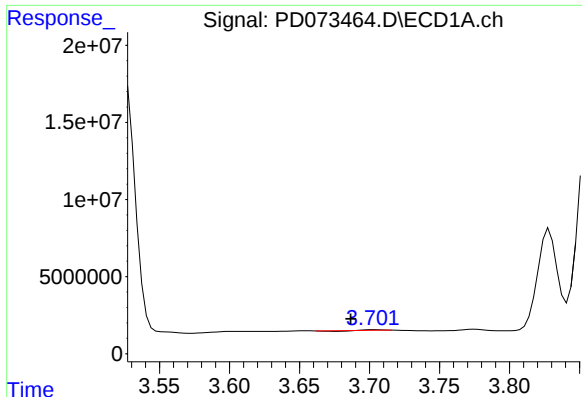
#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 113721186
Conc: 54.71 ng/ml



#22 Mirex

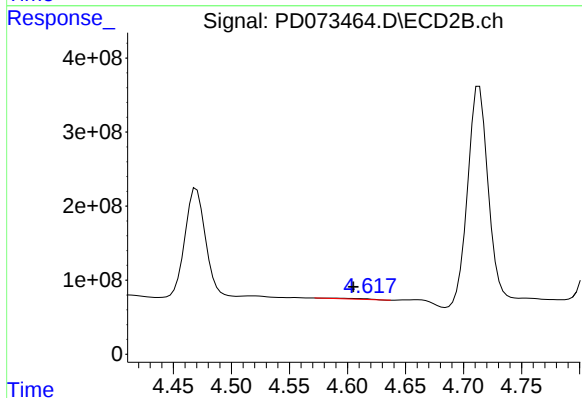
R.T.: 8.017 min
Delta R.T.: -0.001 min
Response: 1045400207
Conc: 59.77 ng/ml



#23 Chlordane-1

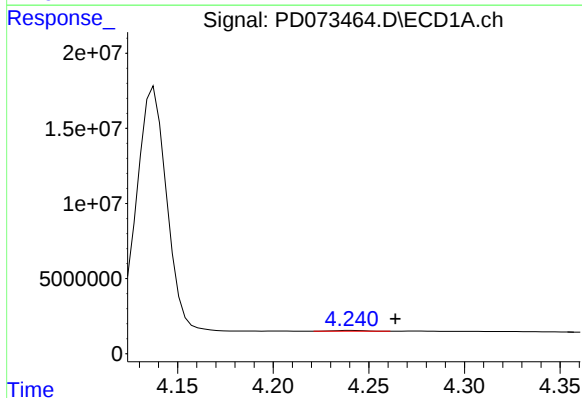
R.T.: 3.703 min
Delta R.T.: 0.016 min
Response: 78724
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



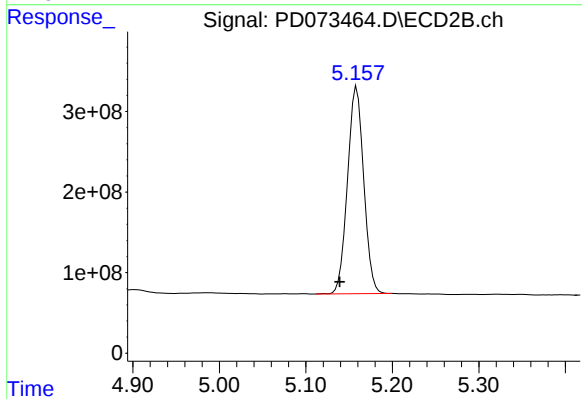
#23 Chlordane-1

R.T.: 4.582 min
Delta R.T.: -0.023 min
Response: 23126844
Conc: 9.13 ng/ml



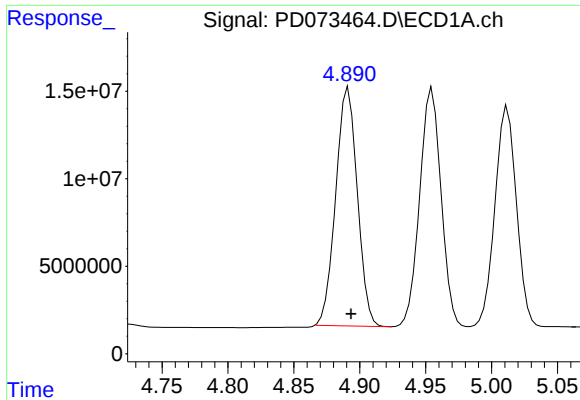
#24 Chlordane-2

R.T.: 4.241 min
Delta R.T.: -0.023 min
Response: 496642
Conc: 4.98 ng/ml



#24 Chlordane-2

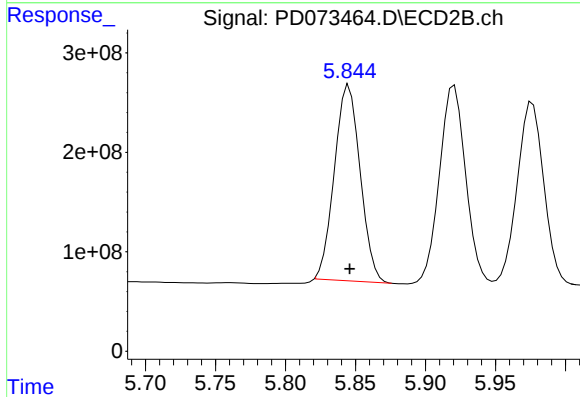
R.T.: 5.159 min
Delta R.T.: 0.020 min
Response: 3340599091
Conc: 1998.22 ng/ml



#25 Chlordane-3

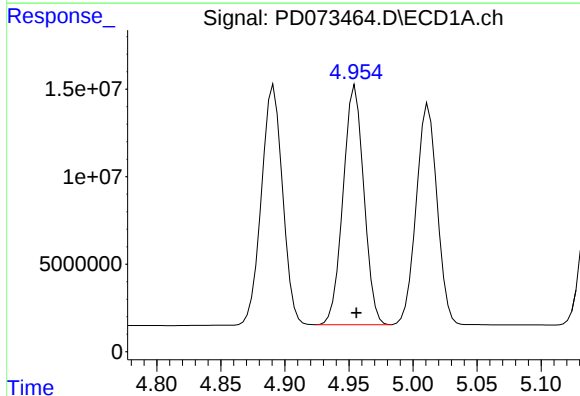
R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 155159698
Conc: 519.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



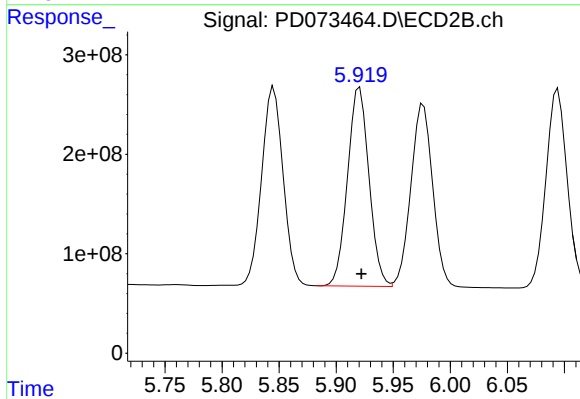
#25 Chlordane-3

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 2518361718
Conc: 433.93 ng/ml



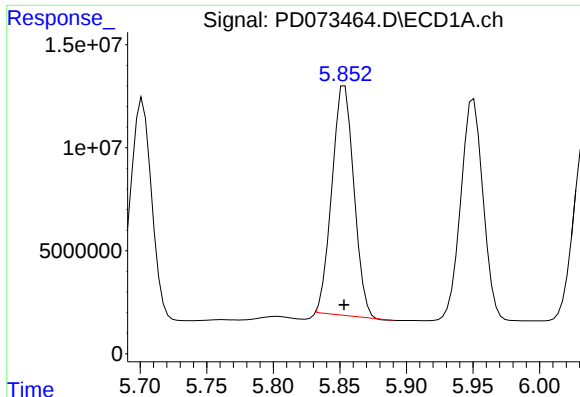
#26 Chlordane-4

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 154023819
Conc: 509.62 ng/ml



#26 Chlordane-4

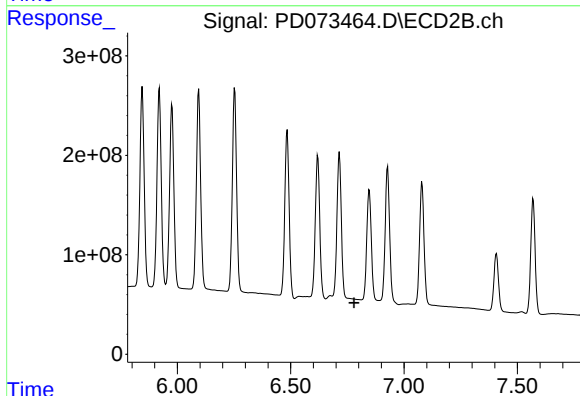
R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 2616424172
Conc: 359.45 ng/ml



#27 Chlordane-5

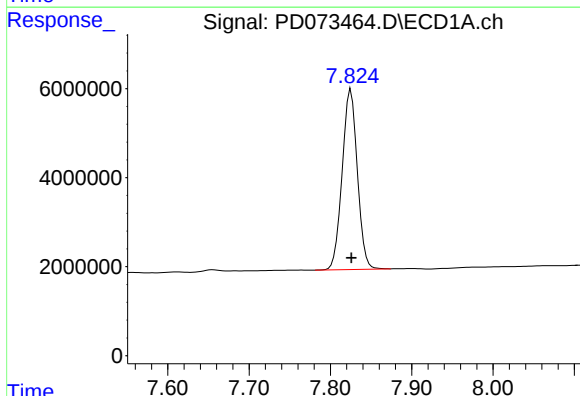
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 127209281
Conc: 1409.89 ng/m

Instrument :
ECD_D
ClientSampleId :



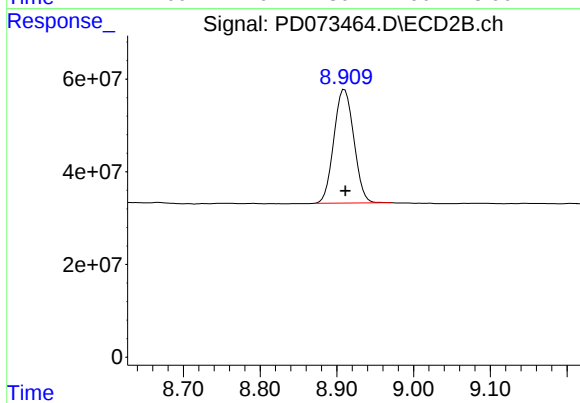
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 52436841
Conc: 21.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: -0.001 min
Response: 443907266
Conc: 25.18 ng/ml