

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
 Data File : PD074219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 23:13
 Operator : AR\AJ
 Sample : 01627-02
 Misc : PEST LOQ 5PPB SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 05:10:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 05:04:28 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...	3.551	2.772	45730231	23014400	19.605	18.911
28)	SA Decachlor...	9.100	7.927	57196699	26293755	21.385	21.431
Target Compounds							
2)	A alpha-BHC	4.008	3.275	17100912	7846834	4.407	4.222
3)	MA gamma-BHC...	4.341	3.606	16667780	8063086	4.751	4.706
4)	MA Heptachlor	4.934	3.948	17701006	8252048	5.166	4.837
5)	MB Aldrin	5.277	4.228	17807651	9252450	5.288	5.484
6)	B beta-BHC	4.536	3.902	8724796	4081213	5.904	5.405
7)	B delta-BHC	4.784	4.132	19741406	8265964	7.194	4.856 #
8)	B Heptachlo...	5.703	4.731	22482716	7799716	7.994	5.081 #
9)	A Endosulfan I	6.091	5.102	15440712	6663246	5.431	4.630
10)	B gamma-Chl...	5.961	4.982	16055838	7735934	5.350	4.982
11)	B alpha-Chl...	6.041	5.046	16488291	7797501	5.467	5.063
12)	B 4,4'-DDE	6.212	5.236	13945962	6642589	5.058	4.707
13)	MA Dieldrin	6.368	5.368	15744030	7565086	5.337	5.031
14)	MA Endrin	6.598	5.644	13291561	7483197	5.348	5.726
15)	B Endosulfa...	6.817	5.937	17086105	7125410	6.633	5.663
16)	A 4,4'-DDD	6.730	5.791	11719583	5676663	5.225	4.863
17)	MA 4,4'-DDT	7.046	6.043	13286211	6007084	5.212	4.892
18)	B Endrin al...	6.947	6.117	12305940	6082147	6.156	5.989
19)	B Endosulfa...	7.182	6.339	14033988	6644766	5.684	5.443
20)	A Methoxychlor	7.522	6.620	6649020	3746863	4.752	5.538
21)	B Endrin ke...	7.669	6.846	16460798	6247155	5.913	4.235 #
22)	Mirex	8.147	7.031	13921470	6638984	6.556	5.845
24)	Chlordane-2	5.277f	4.344	17807651	711449	142.712	12.245 #
25)	Chlordane-3	5.961	4.982	16055838	7735934	33.229	45.229 #
26)	Chlordane-4	6.041	5.046	16488291	7797501	28.021	47.750 #
27)	Chlordane-5	0.000	5.937	0	7125410	N.D.	115.728 #

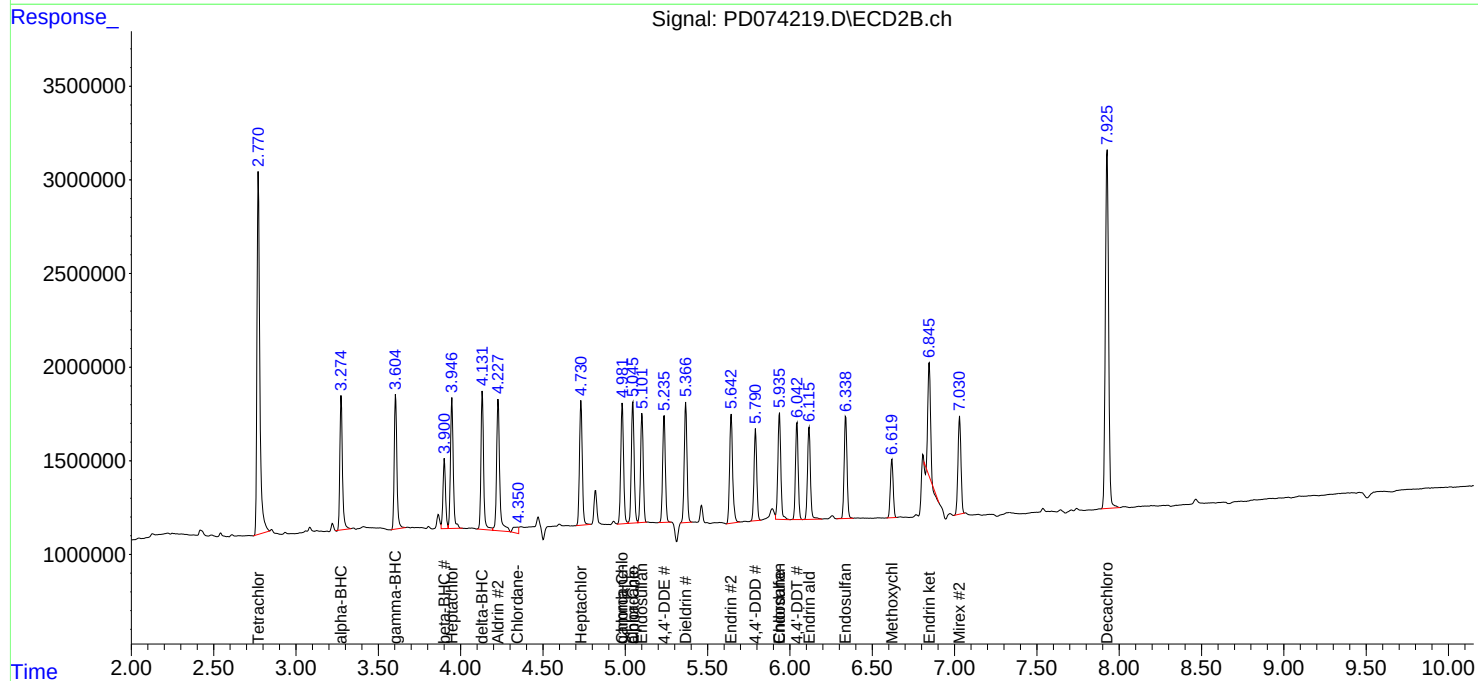
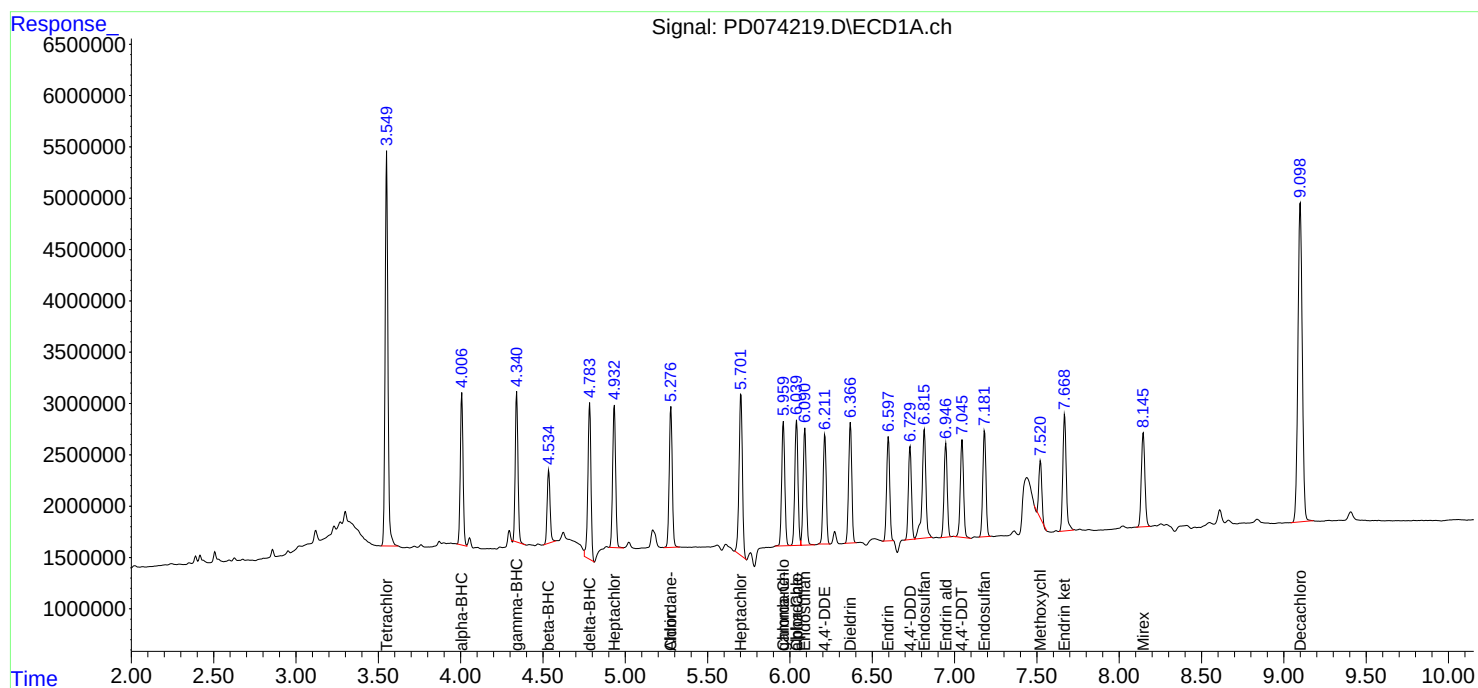
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

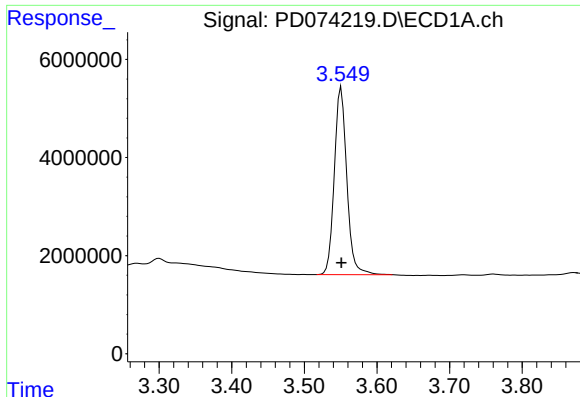
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031423\
Data File : PD074219.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 23:13
Operator : AR\AJ
Sample : 01627-02
Misc : PEST LOQ 5PPB SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 05:10:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 05:04:28 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

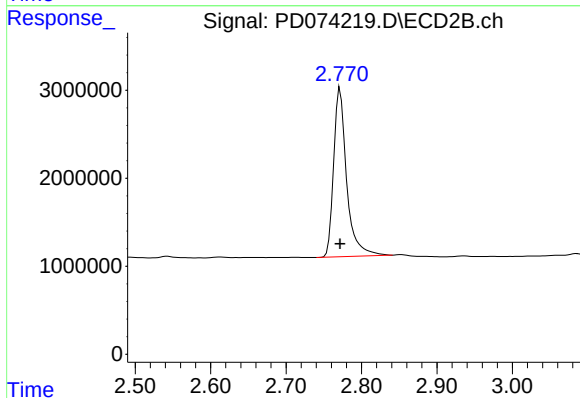




#1 Tetrachloro-m-xylene

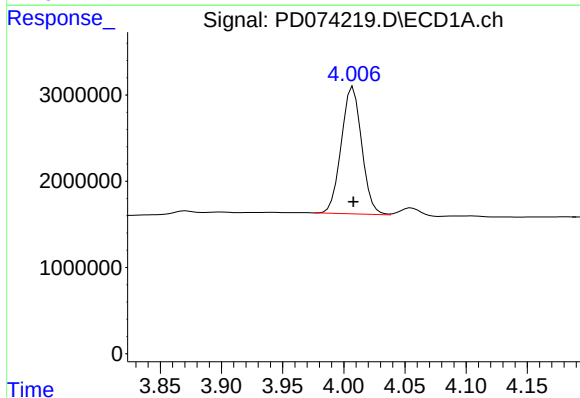
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45730231
Conc: 19.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



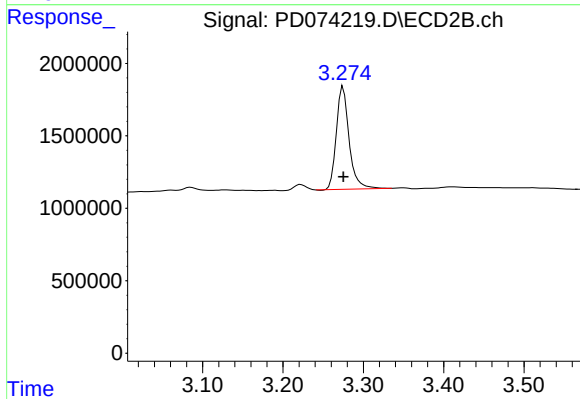
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 23014400
Conc: 18.91 ng/ml



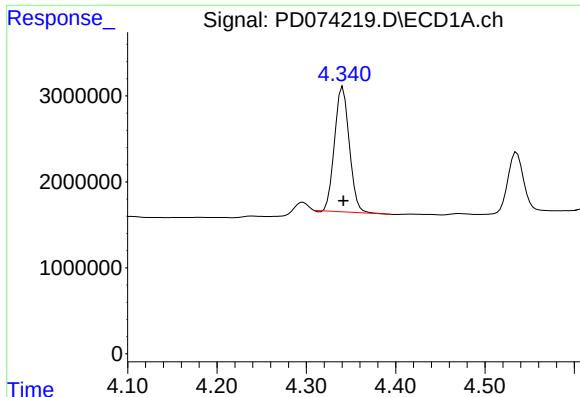
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 17100912
Conc: 4.41 ng/ml



#2 alpha-BHC

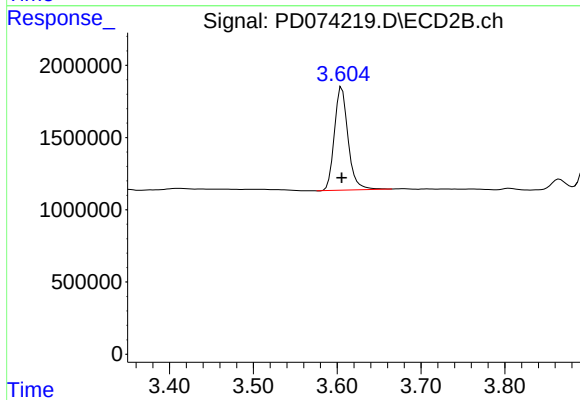
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 7846834
Conc: 4.22 ng/ml



#3 gamma-BHC (Lindane)

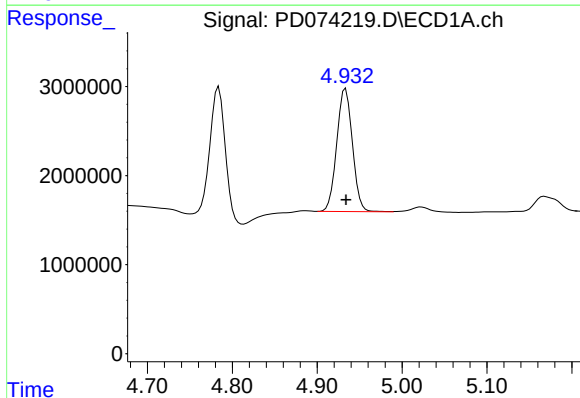
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 16667780
Conc: 4.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



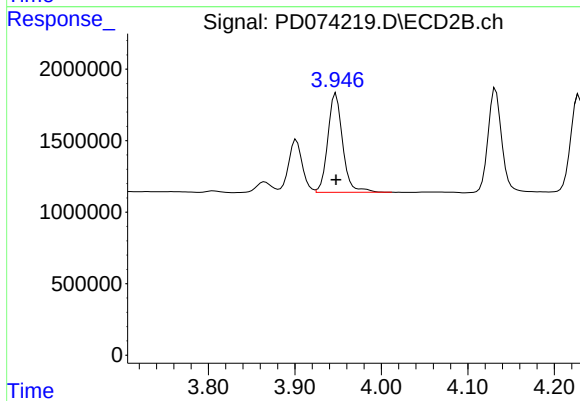
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 8063086
Conc: 4.71 ng/ml



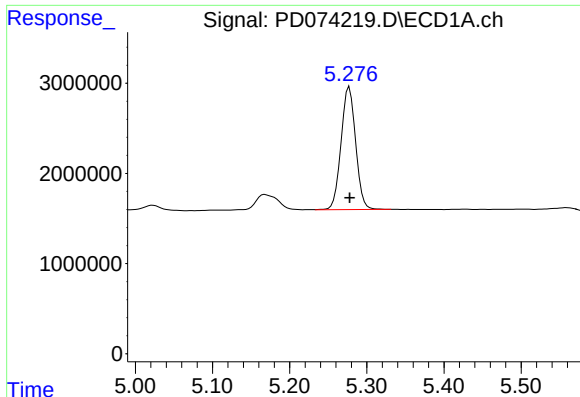
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 17701006
Conc: 5.17 ng/ml



#4 Heptachlor

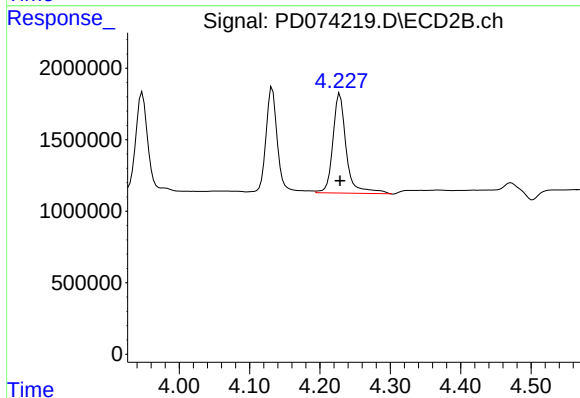
R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 8252048
Conc: 4.84 ng/ml



#5 Aldrin

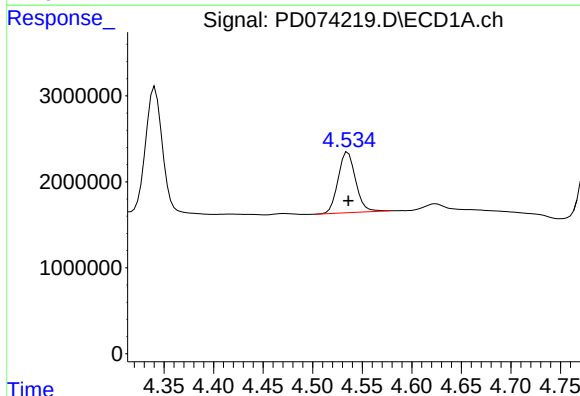
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 17807651
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



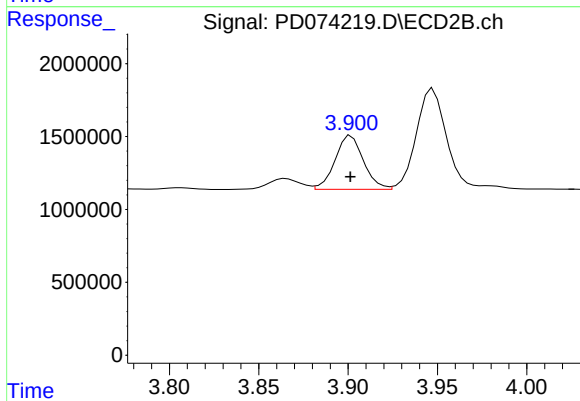
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 9252450
Conc: 5.48 ng/ml



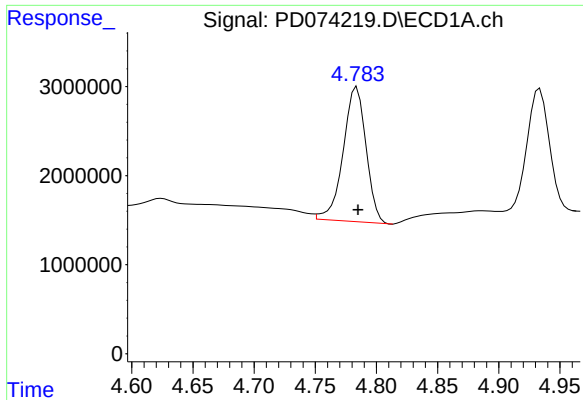
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 8724796
Conc: 5.90 ng/ml



#6 beta-BHC

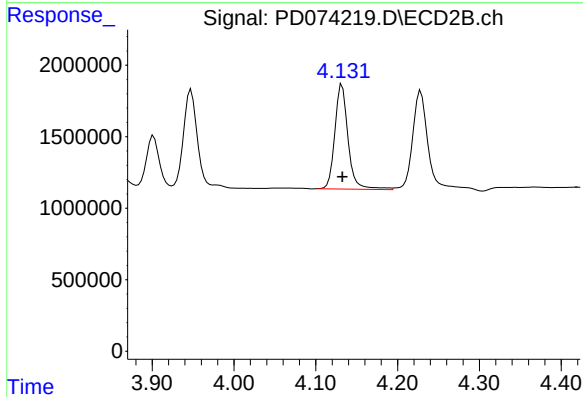
R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 4081213
Conc: 5.40 ng/ml



#7 delta-BHC

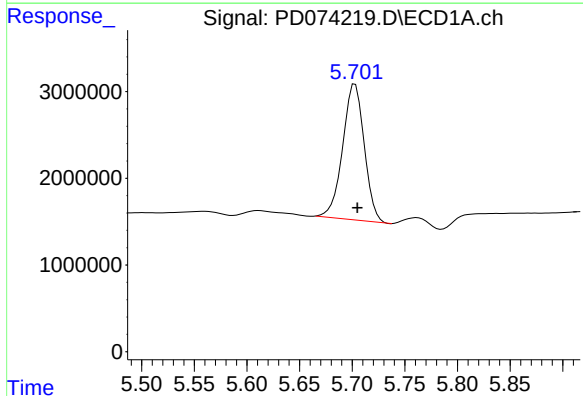
R.T.: 4.784 min
Delta R.T.: -0.001 min
Response: 19741406
Conc: 7.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



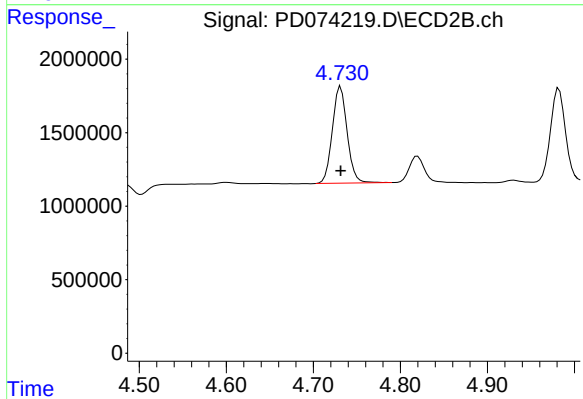
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 8265964
Conc: 4.86 ng/ml



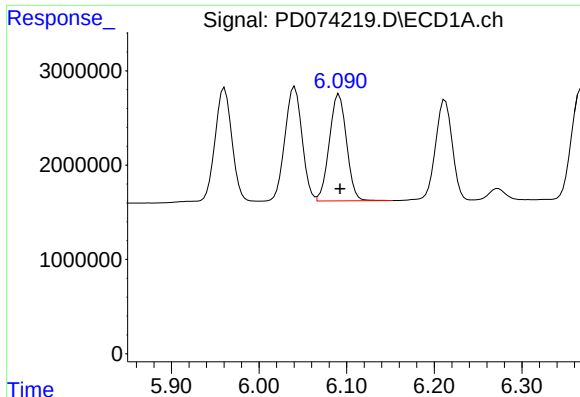
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 22482716
Conc: 7.99 ng/ml



#8 Heptachlor epoxide

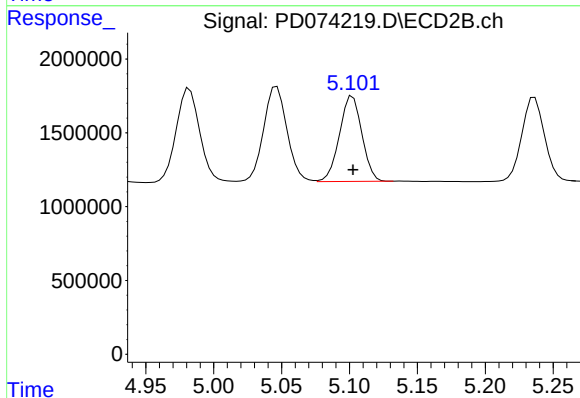
R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 7799716
Conc: 5.08 ng/ml



#9 Endosulfan I

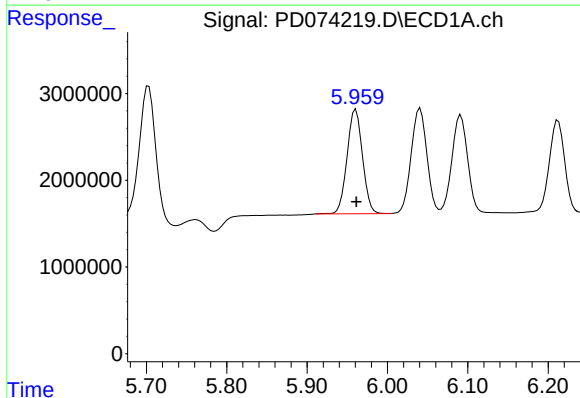
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 15440712
Conc: 5.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



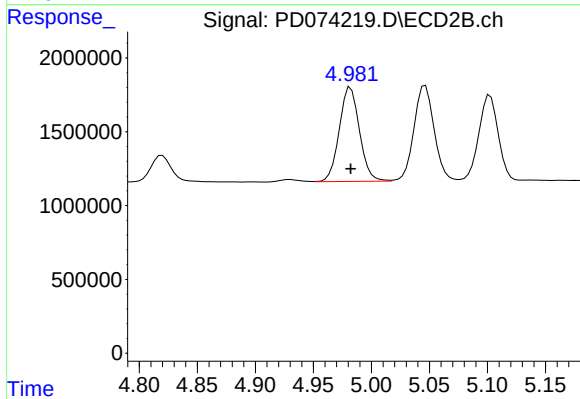
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 6663246
Conc: 4.63 ng/ml



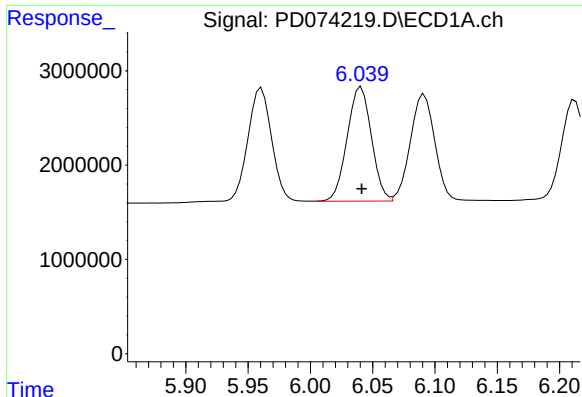
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 16055838
Conc: 5.35 ng/ml



#10 gamma-Chlordane

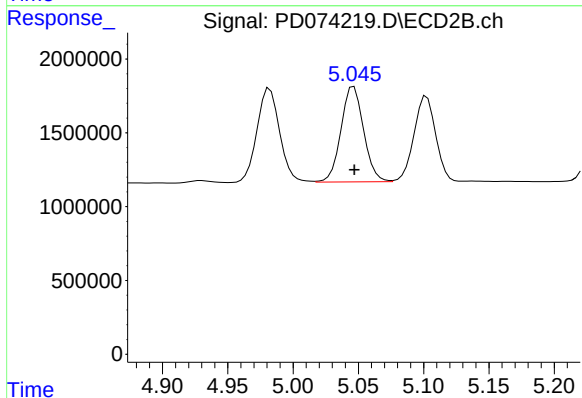
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 7735934
Conc: 4.98 ng/ml



#11 alpha-Chlordane

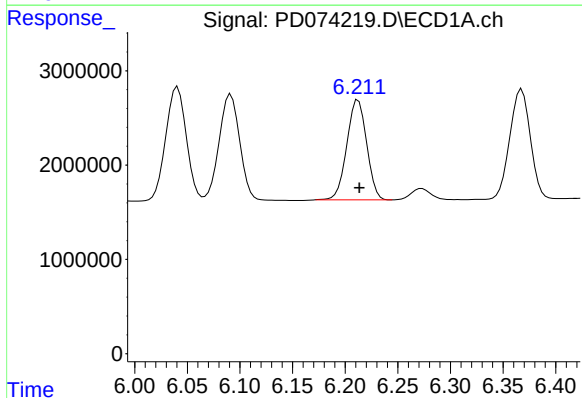
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 16488291
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



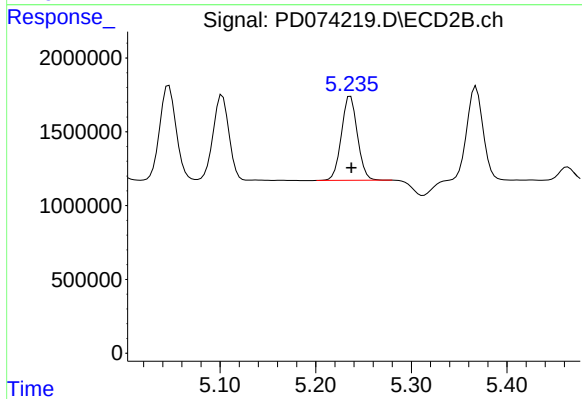
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 7797501
Conc: 5.06 ng/ml



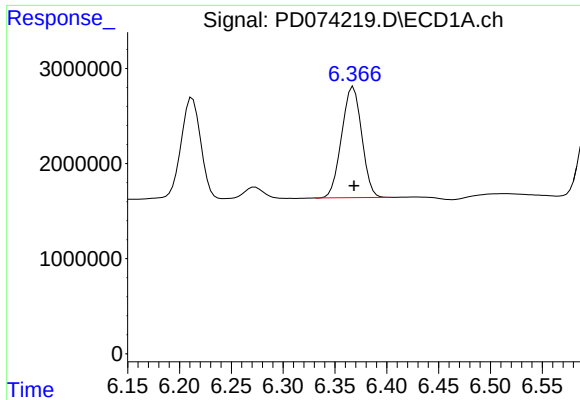
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 13945962
Conc: 5.06 ng/ml



#12 4,4'-DDE

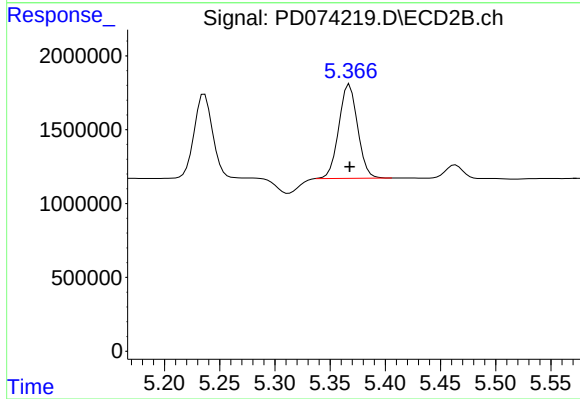
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 6642589
Conc: 4.71 ng/ml



#13 Dieldrin

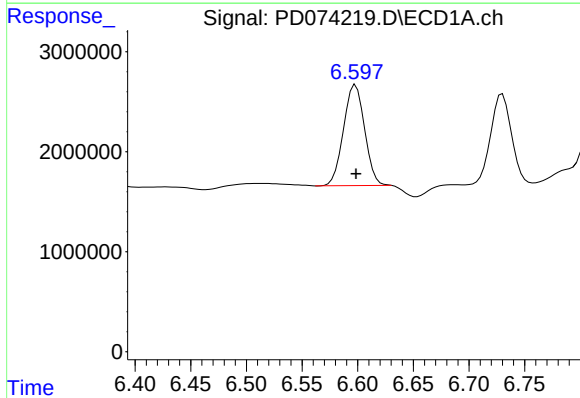
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 15744030
Conc: 5.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



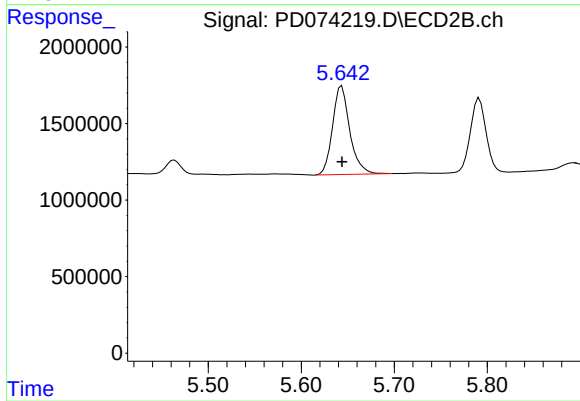
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 7565086
Conc: 5.03 ng/ml



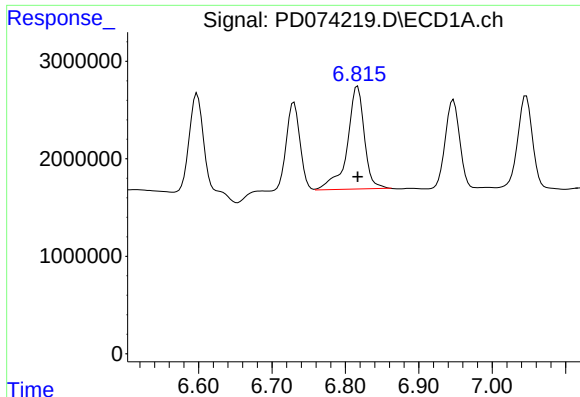
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 13291561
Conc: 5.35 ng/ml



#14 Endrin

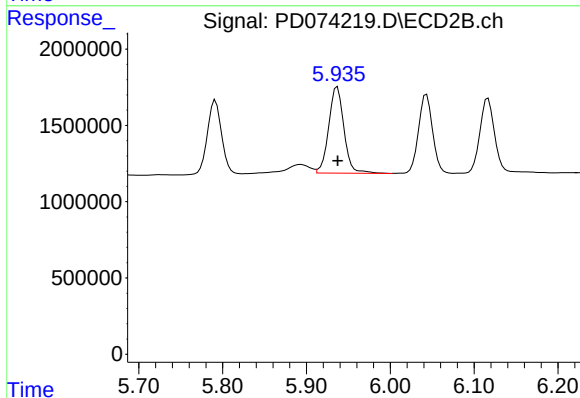
R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 7483197
Conc: 5.73 ng/ml



#15 Endosulfan II

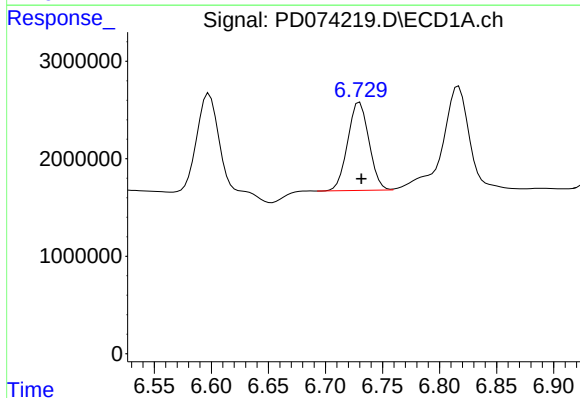
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 17086105
Conc: 6.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



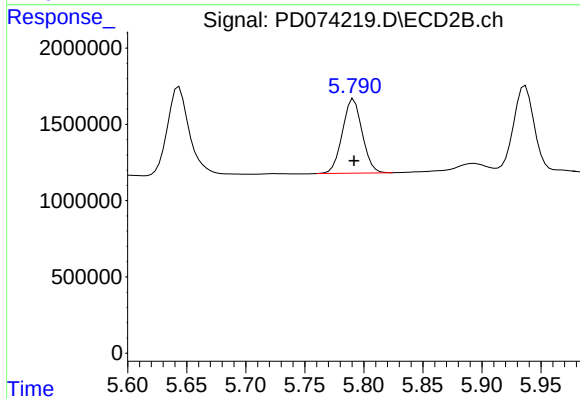
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 7125410
Conc: 5.66 ng/ml



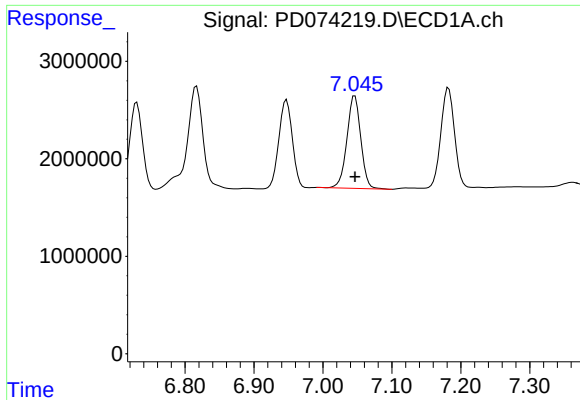
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 11719583
Conc: 5.22 ng/ml



#16 4,4'-DDD

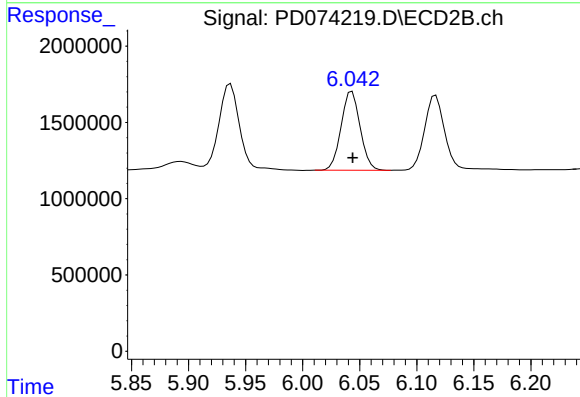
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 5676663
Conc: 4.86 ng/ml



#17 4,4'-DDT

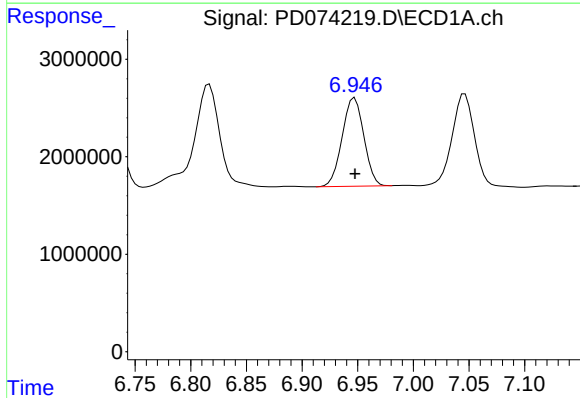
R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 13286211
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



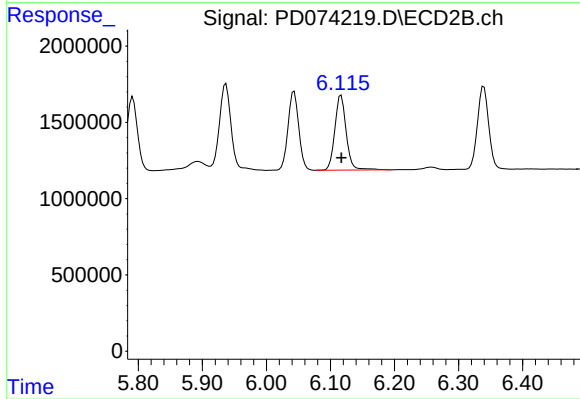
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 6007084
Conc: 4.89 ng/ml



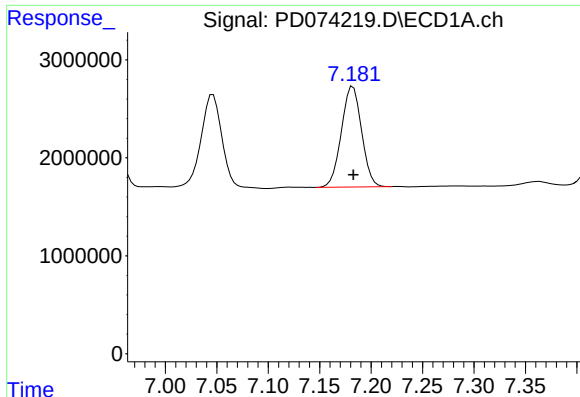
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 12305940
Conc: 6.16 ng/ml



#18 Endrin aldehyde

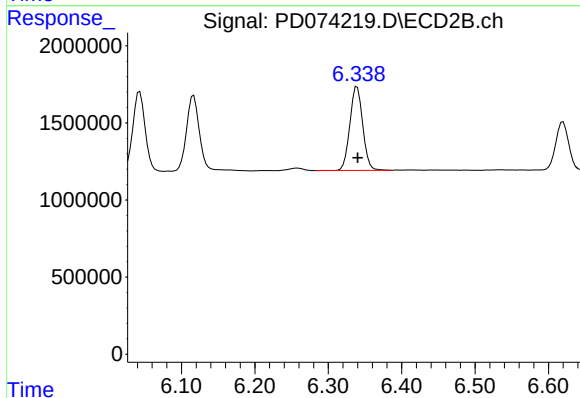
R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 6082147
Conc: 5.99 ng/ml



#19 Endosulfan Sulfate

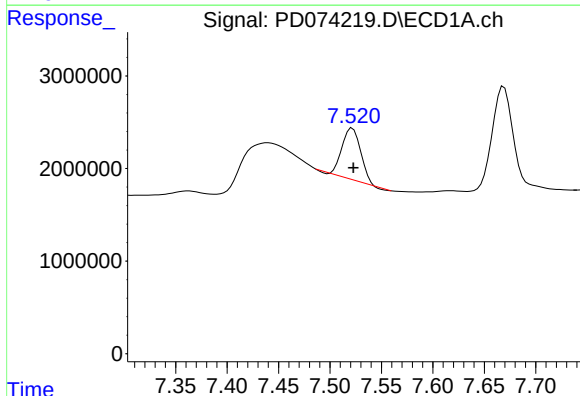
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 14033988
Conc: 5.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



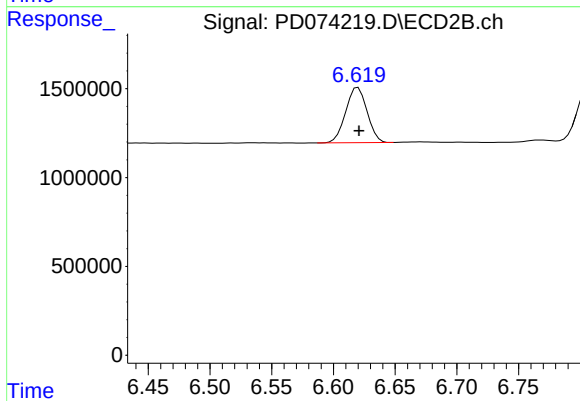
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 6644766
Conc: 5.44 ng/ml



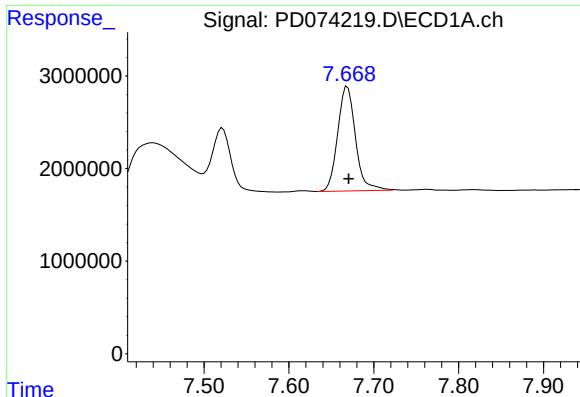
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.001 min
Response: 6649020
Conc: 4.75 ng/ml



#20 Methoxychlor

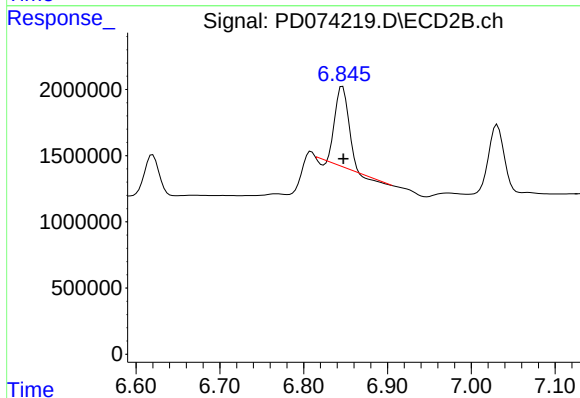
R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 3746863
Conc: 5.54 ng/ml



#21 Endrin ketone

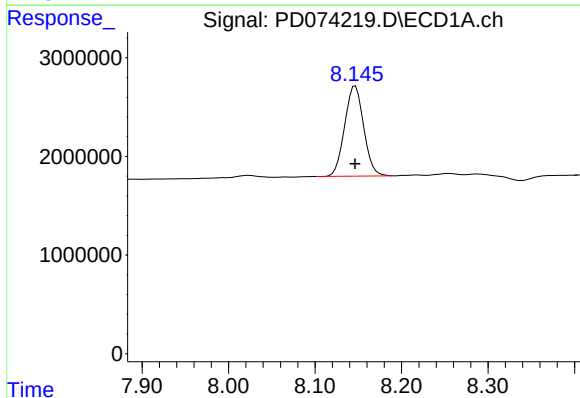
R.T.: 7.669 min
Delta R.T.: -0.001 min
Response: 16460798
Conc: 5.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



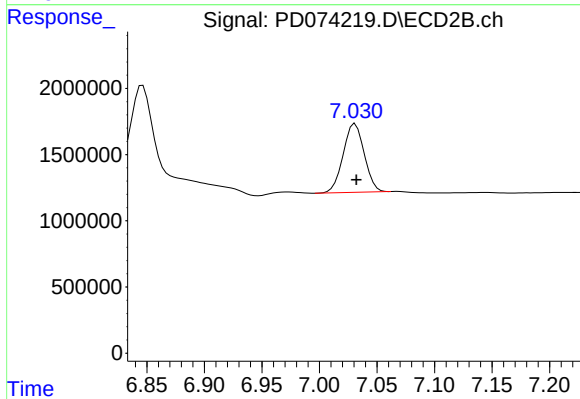
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 6247155
Conc: 4.24 ng/ml



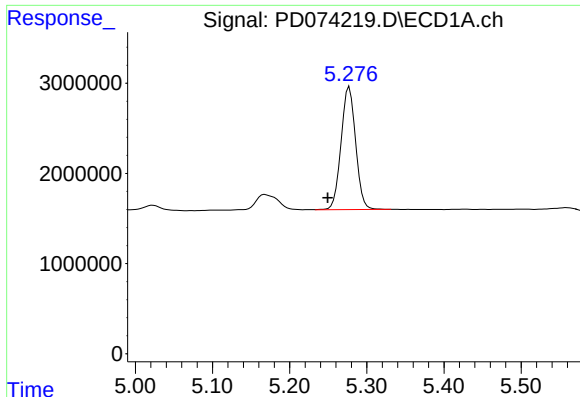
#22 Mirex

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 13921470
Conc: 6.56 ng/ml



#22 Mirex

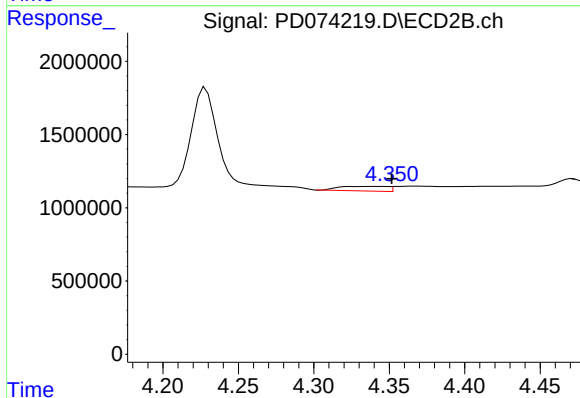
R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 6638984
Conc: 5.84 ng/ml



#24 Chlordane-2

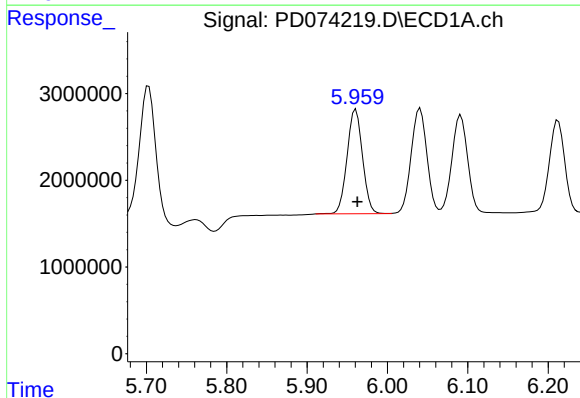
R.T.: 5.277 min
Delta R.T.: 0.028 min
Response: 17807651
Conc: 142.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



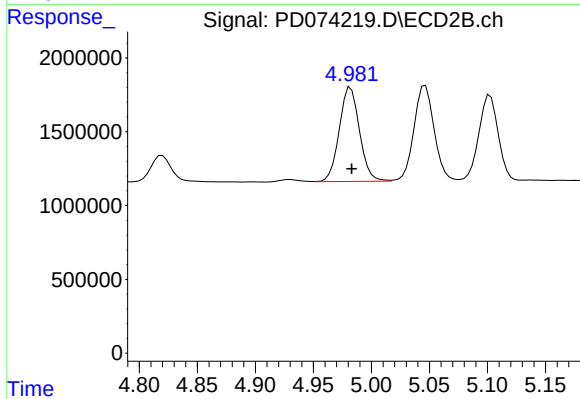
#24 Chlordane-2

R.T.: 4.344 min
Delta R.T.: -0.007 min
Response: 711449
Conc: 12.25 ng/ml



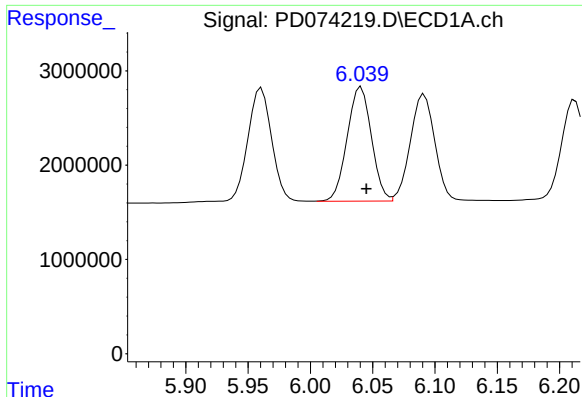
#25 Chlordane-3

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 16055838
Conc: 33.23 ng/ml



#25 Chlordane-3

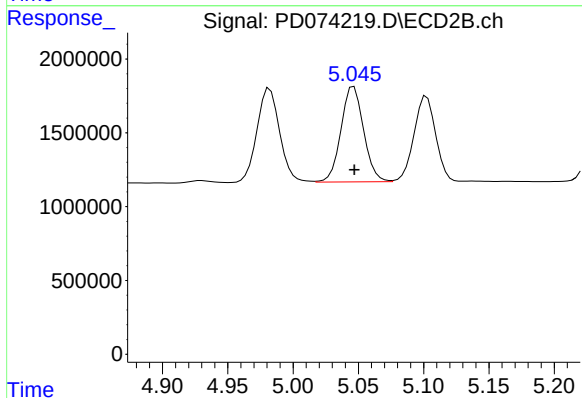
R.T.: 4.982 min
Delta R.T.: -0.001 min
Response: 7735934
Conc: 45.23 ng/ml



#26 Chlordane-4

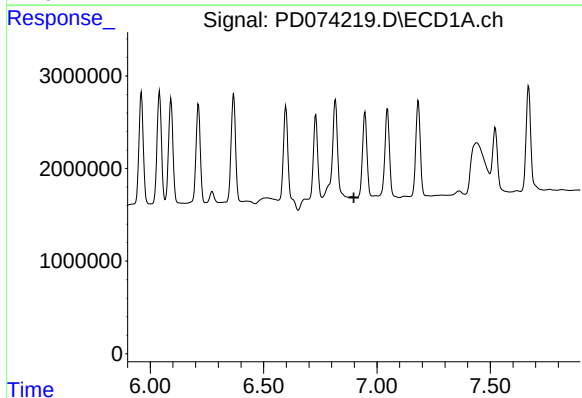
R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 16488291
Conc: 28.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



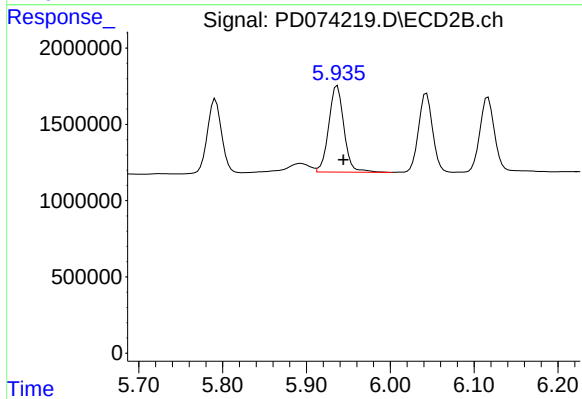
#26 Chlordane-4

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 7797501
Conc: 47.75 ng/ml



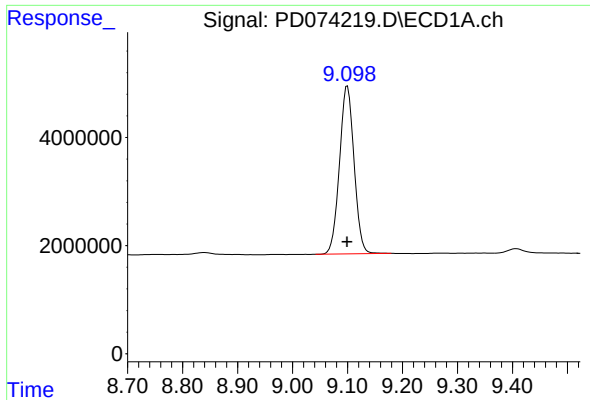
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.898 min
Response: 0
Conc: N.D.



#27 Chlordane-5

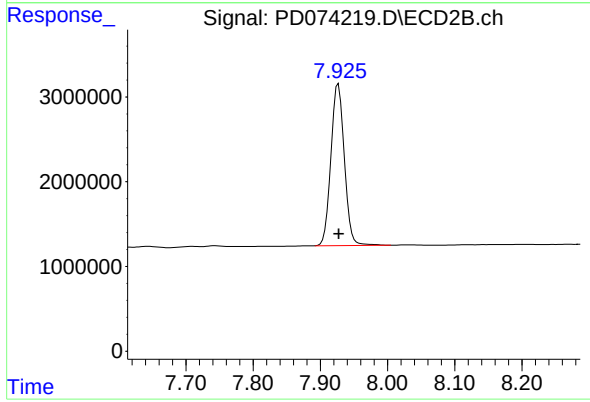
R.T.: 5.937 min
Delta R.T.: -0.007 min
Response: 7125410
Conc: 115.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 57196699
Conc: 21.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 26293755
Conc: 21.43 ng/ml