

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081319\
 Data File : PD054279.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 16:11
 Operator : SM\AJ
 Sample : K4227-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:18:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.313	3.983	13401657	19431450	23.285	22.306
28)	SA Decachlor...	8.008	9.026	14185322	17318245	21.072	18.681
Target Compounds							
2)	A alpha-BHC	3.742	4.370	54367671	72176251	62.773	57.217
3)	MA gamma-BHC...	4.019	4.653	50888470	68083968	62.036	55.510
4)	MA Heptachlor	4.307	5.160	46649269	70165113	64.015	56.011
5)	MB Aldrin	4.548	5.464	49816711	69212913	62.688	56.291
6)	B beta-BHC	4.268	4.819	21447590	31199948	60.892	55.725
7)	B delta-BHC	4.466	5.036	43997493	58298907	52.476	45.039
8)	B Heptachlor...	4.986	5.848	45736536	64094568	60.288	53.003
9)	A Endosulfan I	5.318	6.203	42241856	59913028	56.855	51.593
10)	B gamma-Chl...	5.209	6.081	46570698	66734084	57.255	50.661
11)	B alpha-Chl...	5.266	6.154	45380606	65505383	56.016	50.450
12)	B 4,4'-DDE	5.436	6.309	41417391	59383676	52.268	48.330
13)	MA Dieldrin	5.559	6.459	46091964	64628259	56.755	51.433
14)	MA Endrin	5.813	6.676	41418484	52468297	55.307	50.060
15)	B Endosulfa...	6.087	6.882	38811267	55016593	51.870	47.578
16)	A 4,4'-DDD	5.947	6.796	30442605	46517199	50.865	46.044
17)	MA 4,4'-DDT	6.183	7.094	30030457	47098552	52.146	47.809
18)	B Endrin al...	6.255	7.006	31644378	45779257	49.820	46.031
19)	B Endosulfa...	6.467	7.228	36828615	52256909	52.391	48.090
20)	A Methoxychlor	6.734	7.550	13770570	24379277	48.186	45.437
21)	B Endrin ke...	6.953	7.697	40669609	57773978	50.747	47.517
22)	Mirex	7.129	8.152	32182384	42781974	49.469	46.417
24)	Chlordane-2	0.000	5.464f	0	69212913	N.D.	1633.019 #
25)	Chlordane-3	5.209	6.081	46570698	66734084	585.563	381.084 #
26)	Chlordane-4	5.266	6.154	45380606	65505383	659.377	309.463 #
27)	Chlordane-5	6.087	0.000	38811267	0	1453.047	N.D. #

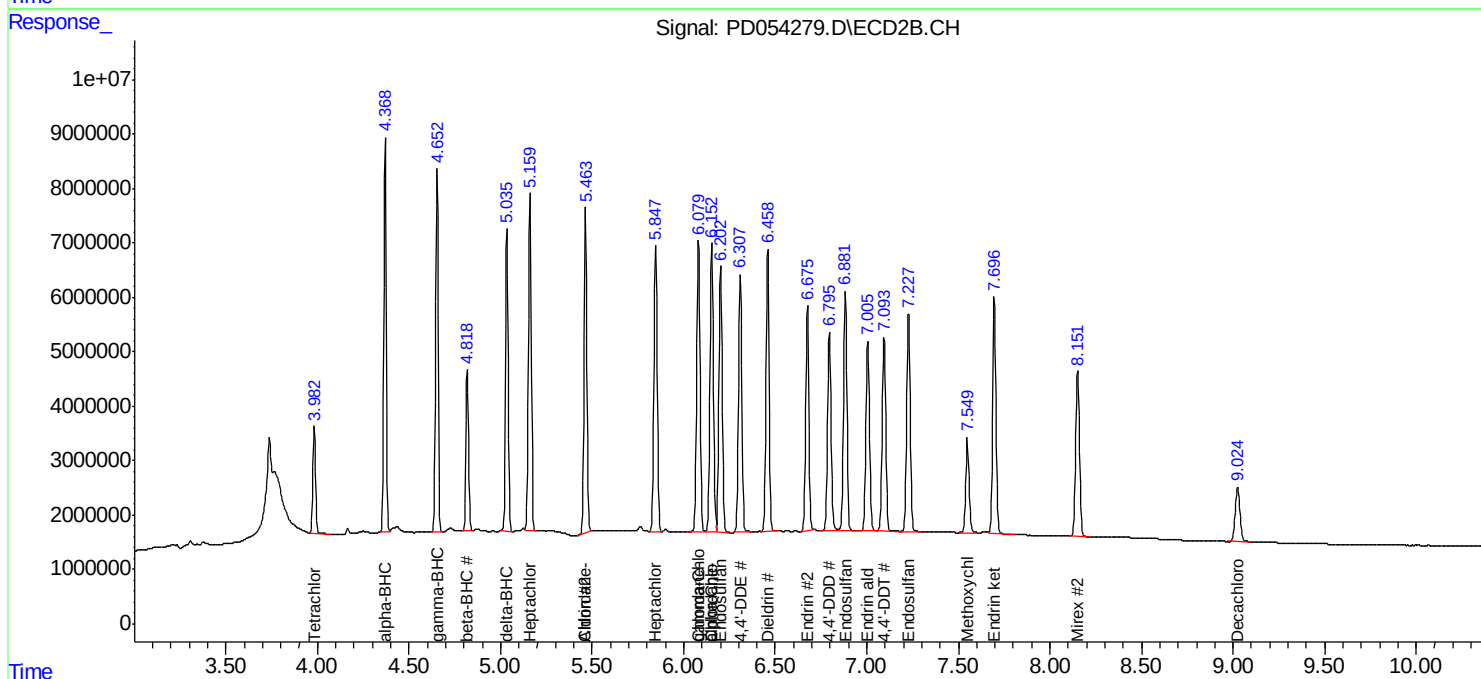
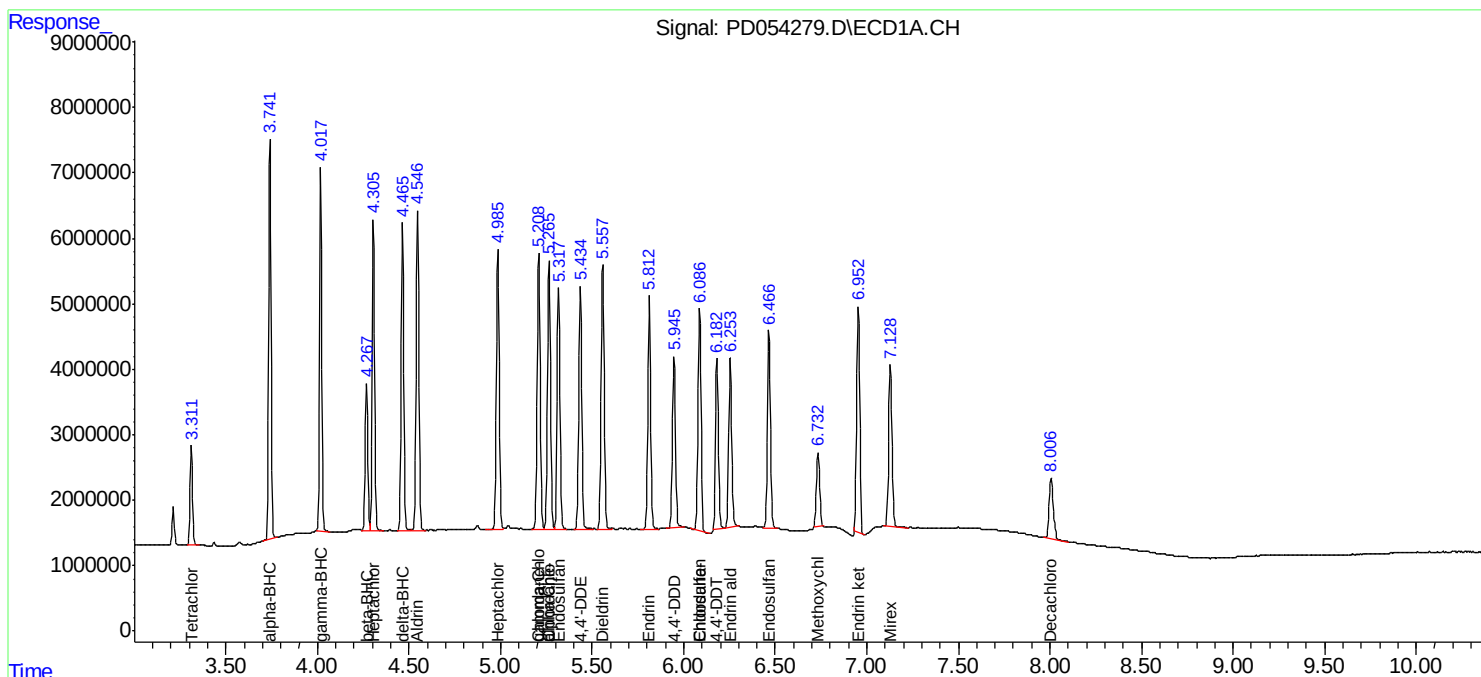
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

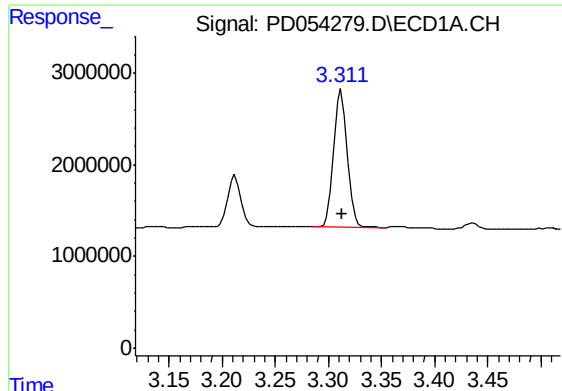
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081319\
Data File : PD054279.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 16:11
Operator : SM\AJ
Sample : K4227-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:18:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

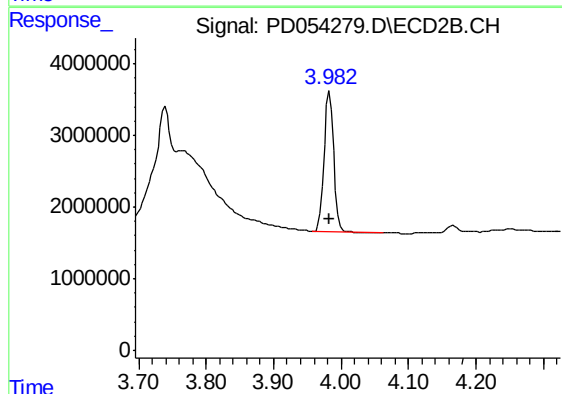




#1 Tetrachloro-m-xylene

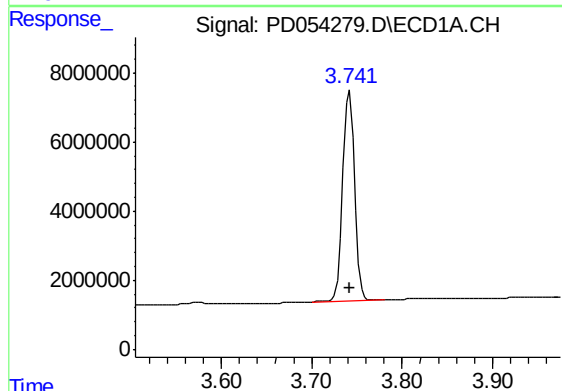
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 13401657
Conc: 23.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



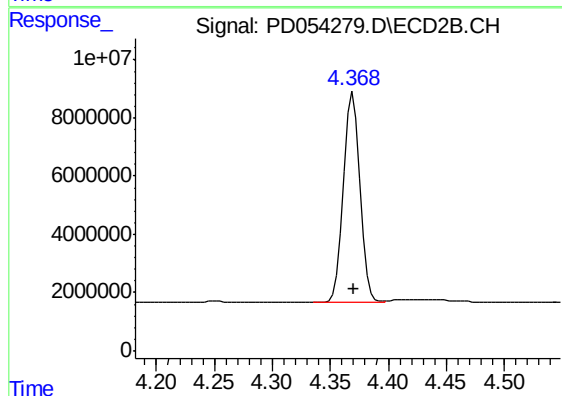
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 19431450
Conc: 22.31 ng/ml



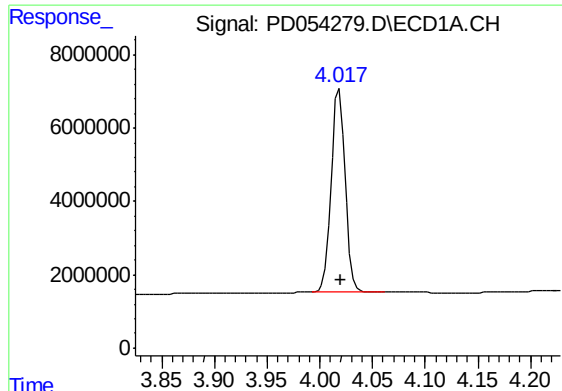
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 54367671
Conc: 62.77 ng/ml



#2 alpha-BHC

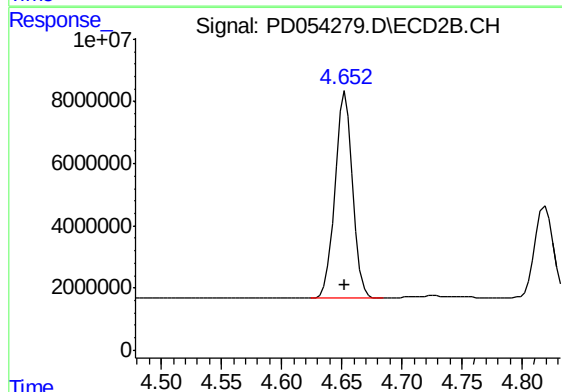
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 72176251
Conc: 57.22 ng/ml



#3 gamma-BHC (Lindane)

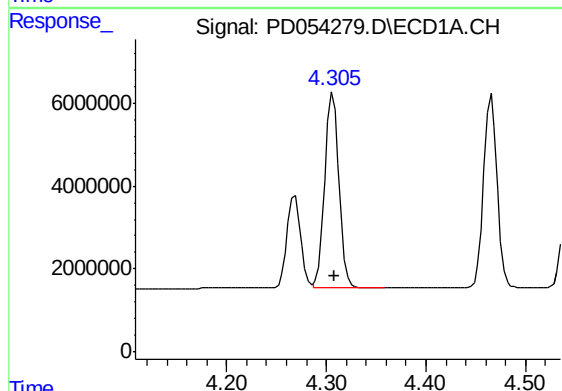
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 50888470
Conc: 62.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



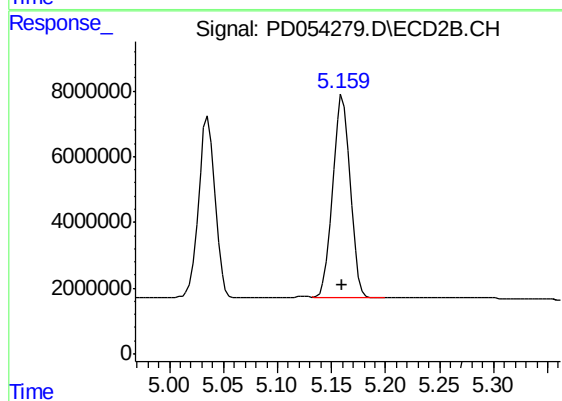
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 68083968
Conc: 55.51 ng/ml



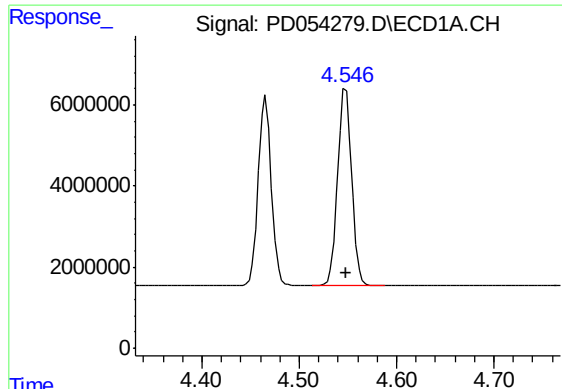
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 46649269
Conc: 64.02 ng/ml



#4 Heptachlor

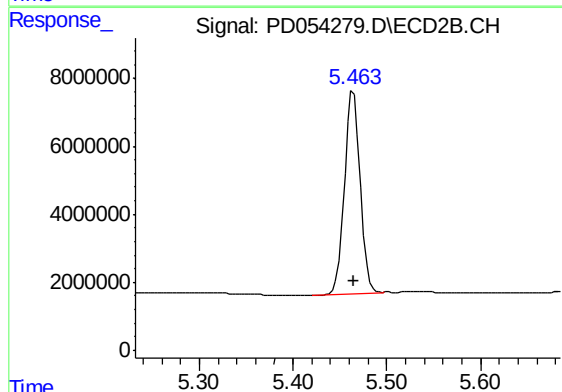
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 70165113
Conc: 56.01 ng/ml



#5 Aldrin

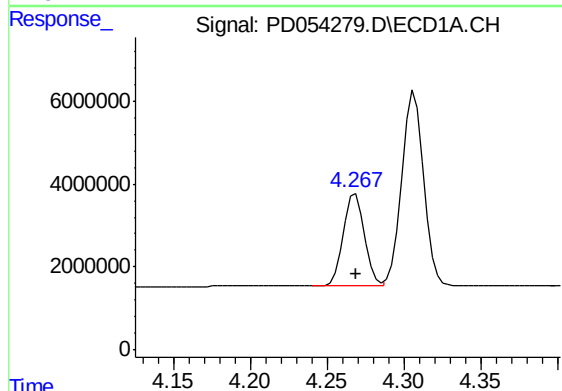
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 49816711
Conc: 62.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



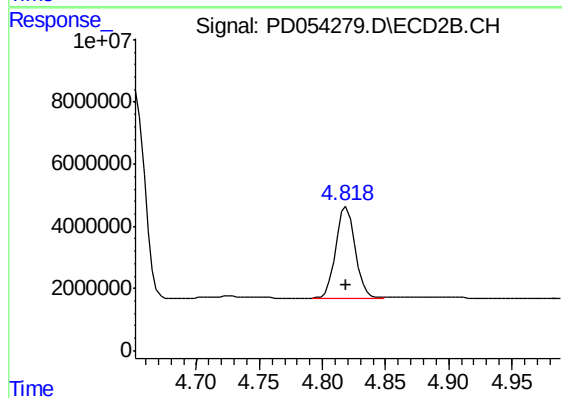
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 69212913
Conc: 56.29 ng/ml



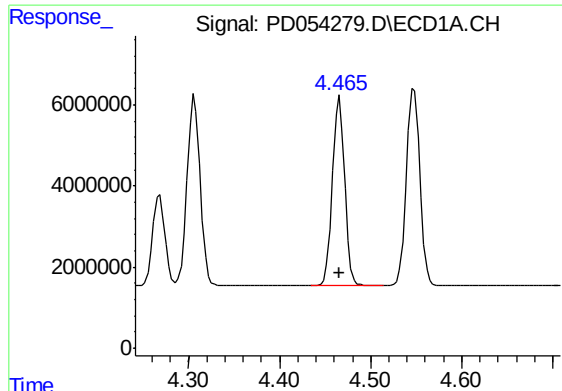
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 21447590
Conc: 60.89 ng/ml



#6 beta-BHC

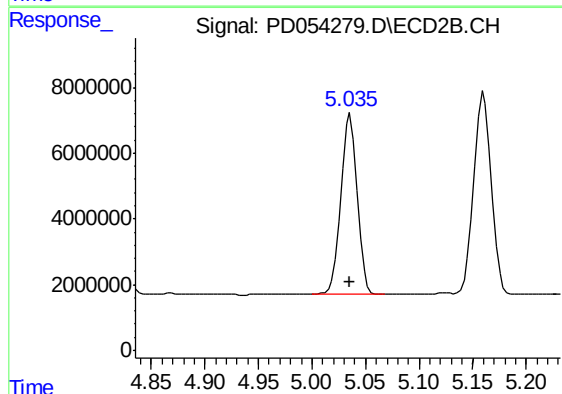
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 31199948
Conc: 55.72 ng/ml



#7 delta-BHC

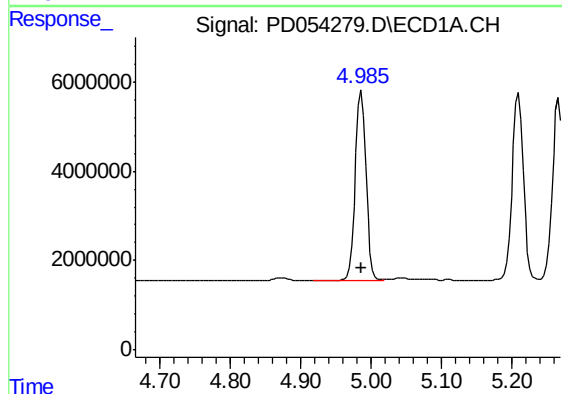
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 43997493
Conc: 52.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



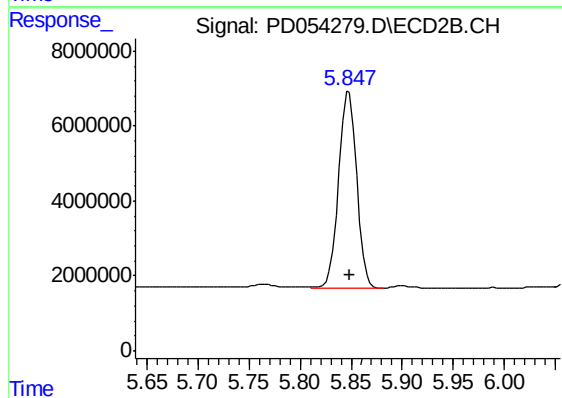
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 58298907
Conc: 45.04 ng/ml



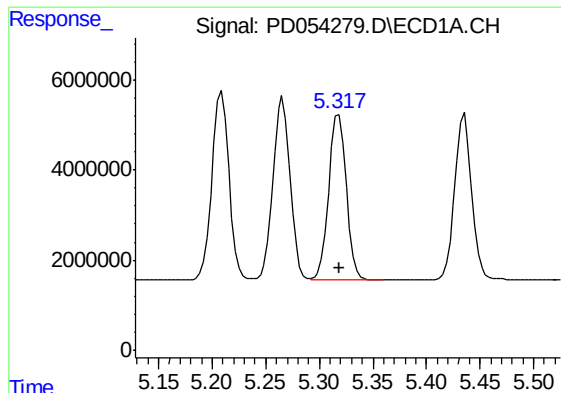
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 45736536
Conc: 60.29 ng/ml



#8 Heptachlor epoxide

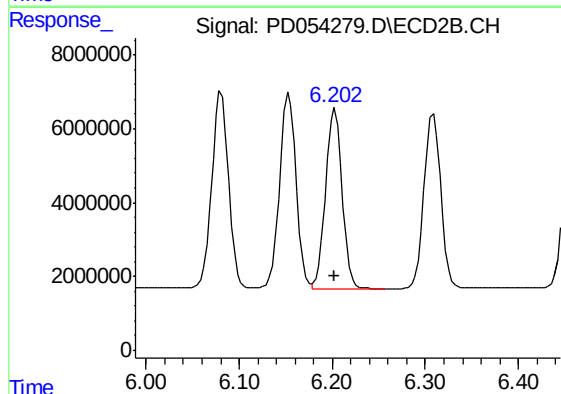
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 64094568
Conc: 53.00 ng/ml



#9 Endosulfan I

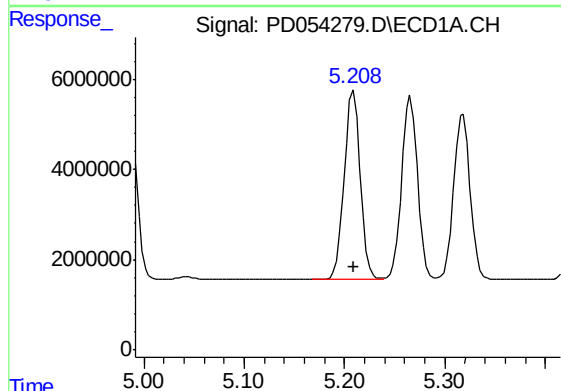
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 42241856
Conc: 56.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



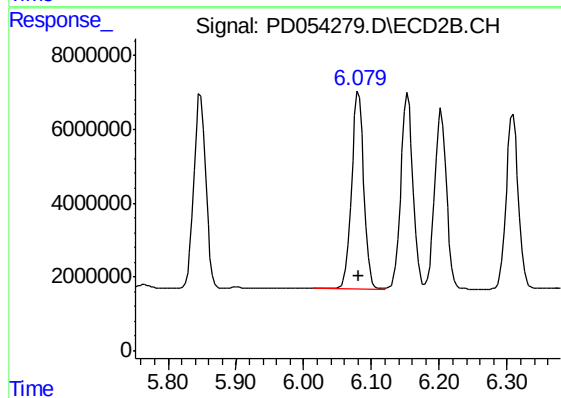
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 59913028
Conc: 51.59 ng/ml



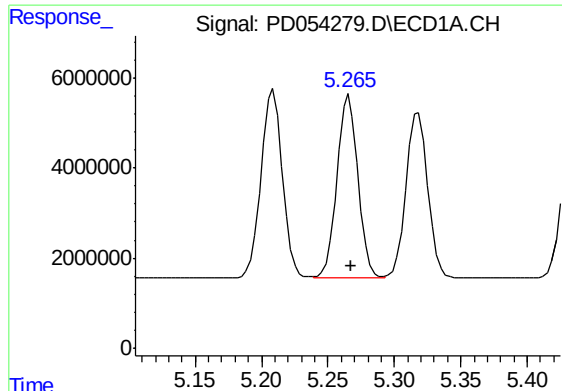
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 46570698
Conc: 57.26 ng/ml



#10 gamma-Chlordane

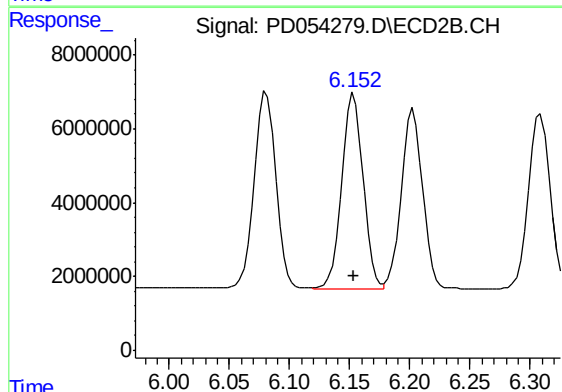
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 66734084
Conc: 50.66 ng/ml



#11 alpha-Chlordane

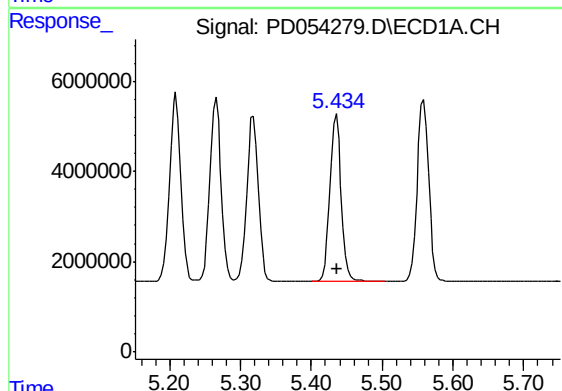
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 45380606
Conc: 56.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



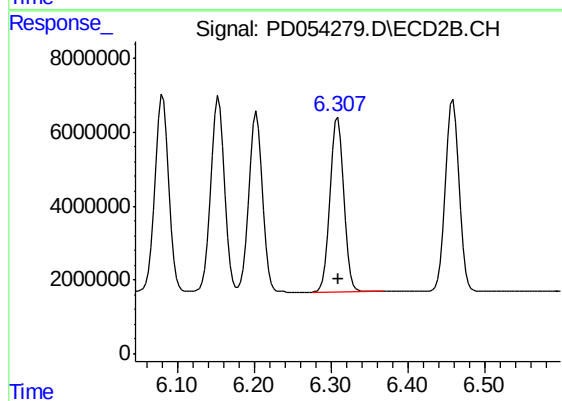
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 65505383
Conc: 50.45 ng/ml



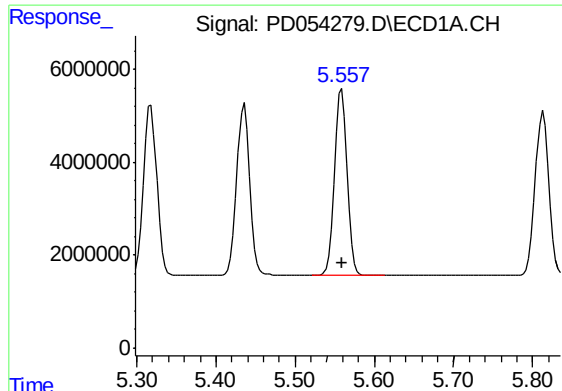
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 41417391
Conc: 52.27 ng/ml



#12 4,4'-DDE

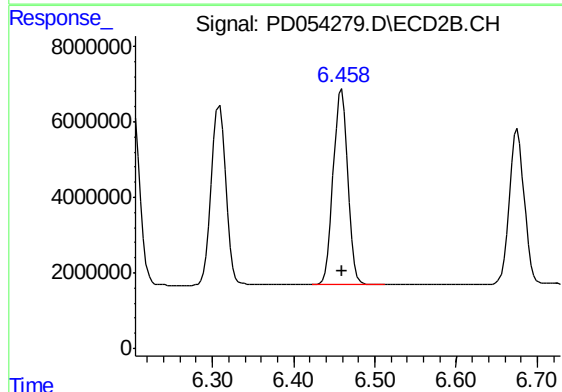
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 59383676
Conc: 48.33 ng/ml



#13 Dielddrin

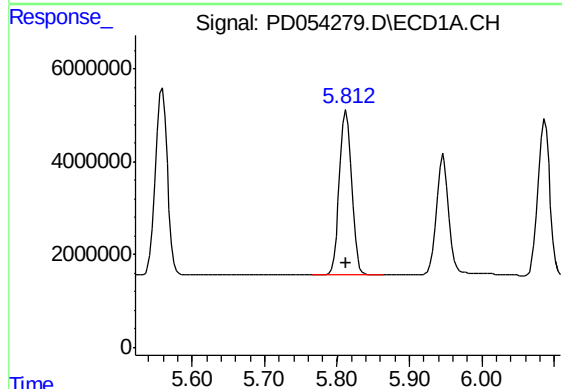
R.T.: 5.559 min
Delta R.T.: -0.001 min
Response: 46091964
Conc: 56.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



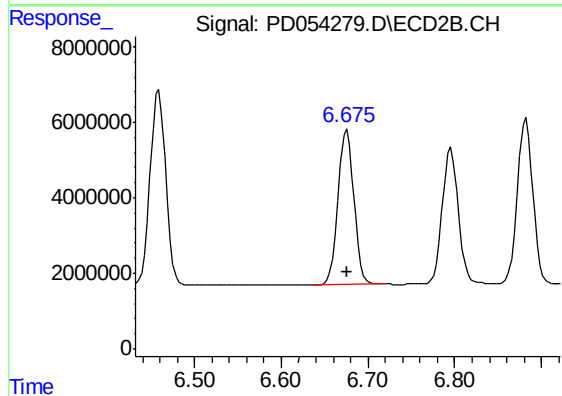
#13 Dielddrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 64628259
Conc: 51.43 ng/ml



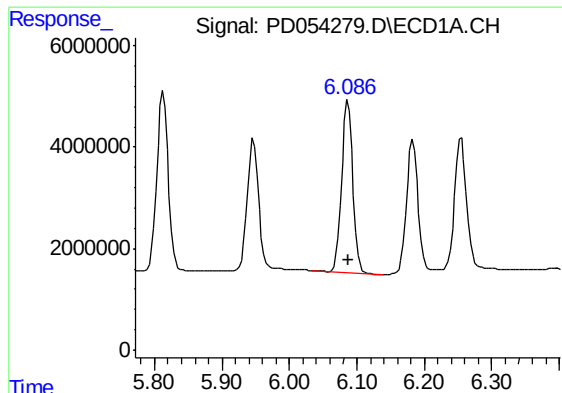
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 41418484
Conc: 55.31 ng/ml



#14 Endrin

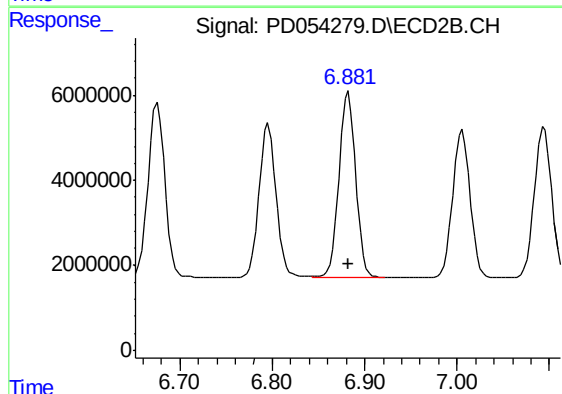
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 52468297
Conc: 50.06 ng/ml



#15 Endosulfan II

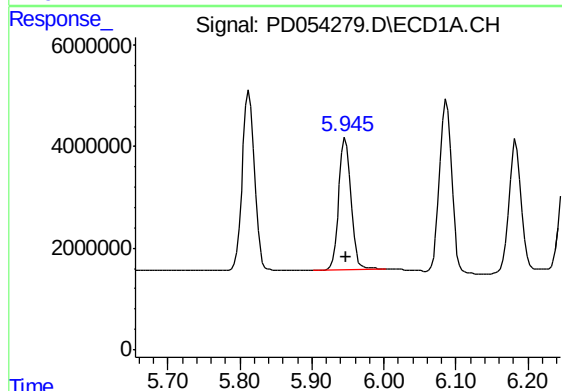
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 38811267
Conc: 51.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



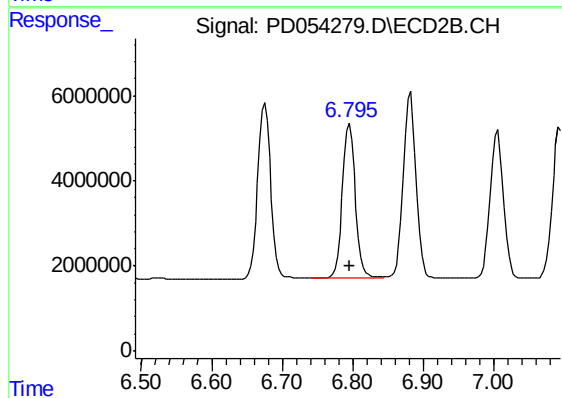
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 55016593
Conc: 47.58 ng/ml



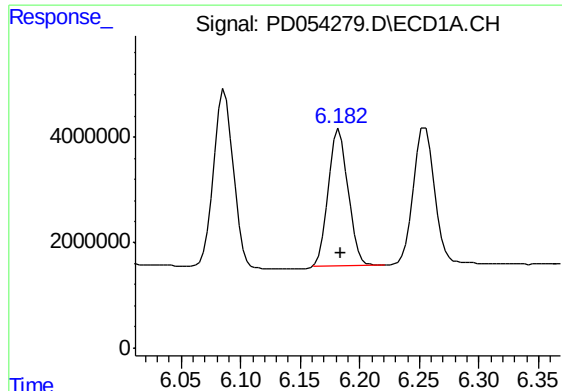
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 30442605
Conc: 50.87 ng/ml



#16 4,4'-DDD

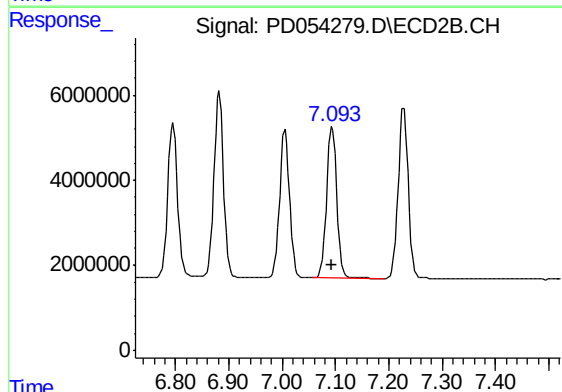
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 46517199
Conc: 46.04 ng/ml



#17 4,4'-DDT

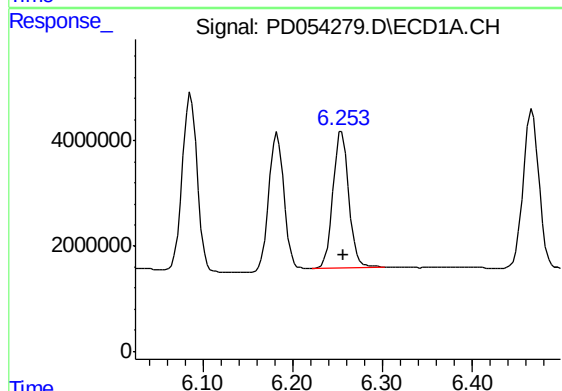
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 30030457
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



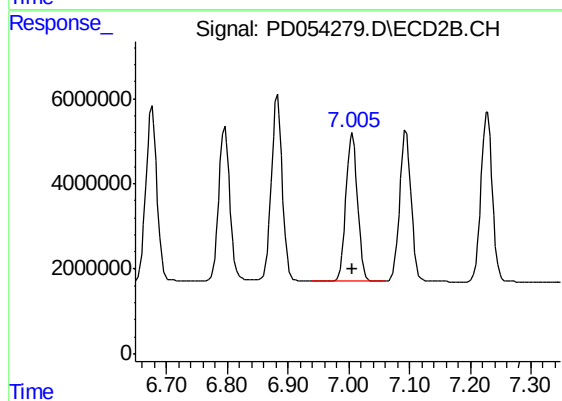
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 47098552
Conc: 47.81 ng/ml



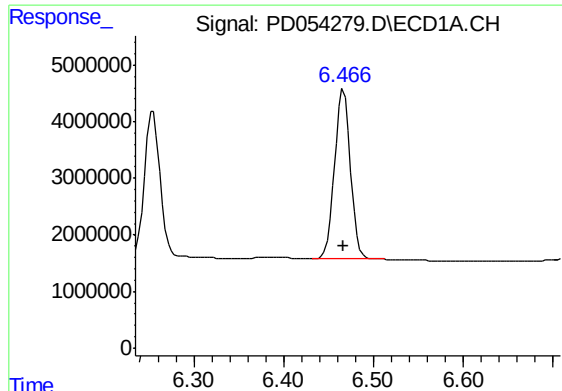
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 31644378
Conc: 49.82 ng/ml



#18 Endrin aldehyde

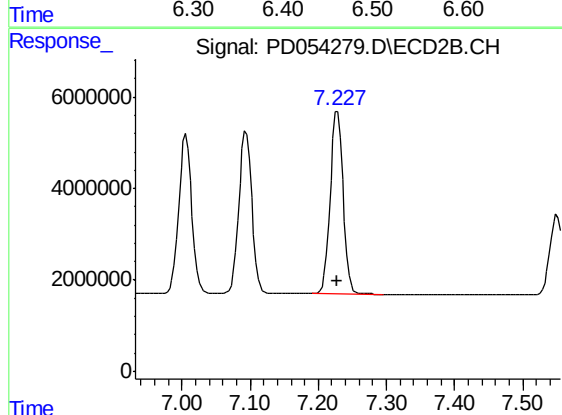
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 45779257
Conc: 46.03 ng/ml



#19 Endosulfan Sulfate

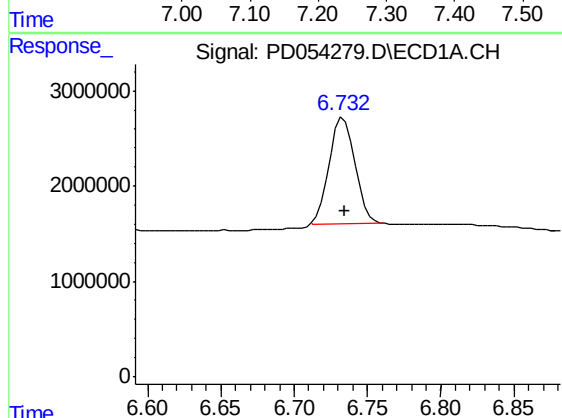
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 36828615
Conc: 52.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



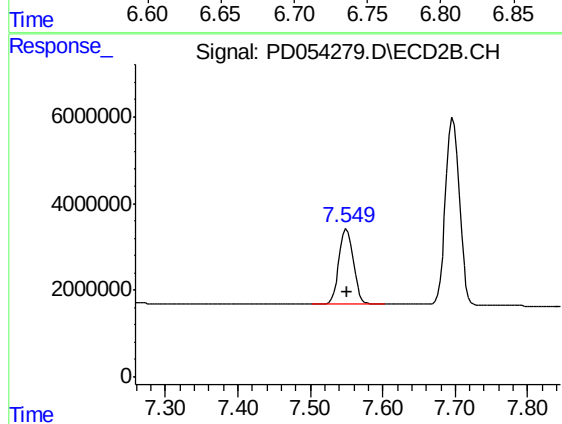
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 52256909
Conc: 48.09 ng/ml



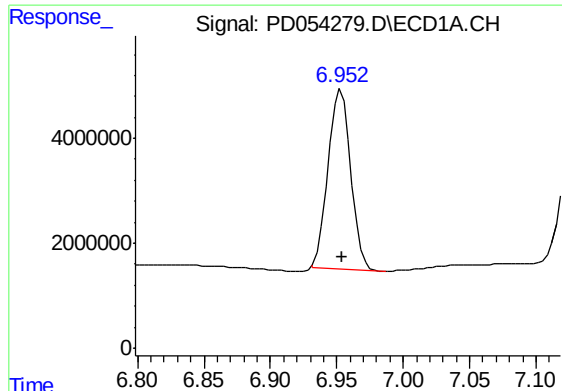
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 13770570
Conc: 48.19 ng/ml



#20 Methoxychlor

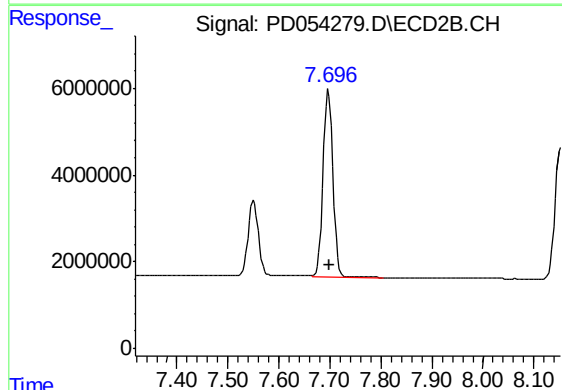
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 24379277
Conc: 45.44 ng/ml



#21 Endrin ketone

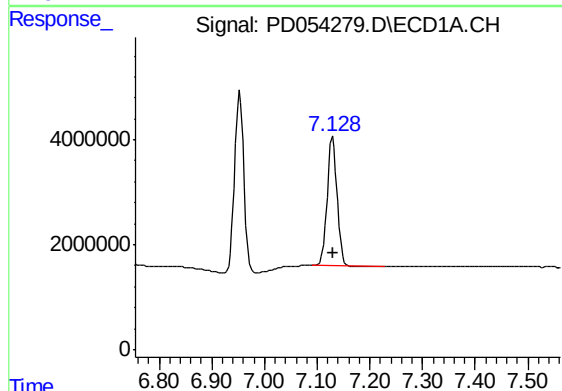
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 40669609
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



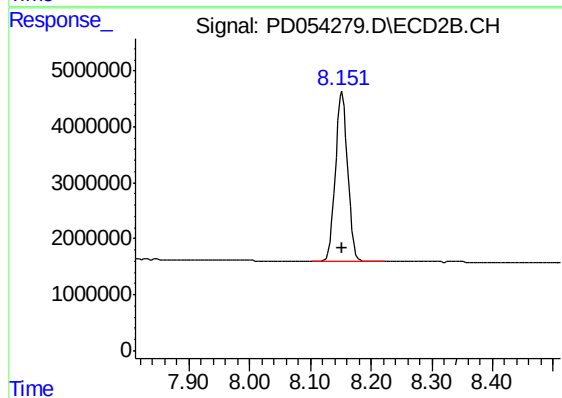
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.000 min
Response: 57773978
Conc: 47.52 ng/ml



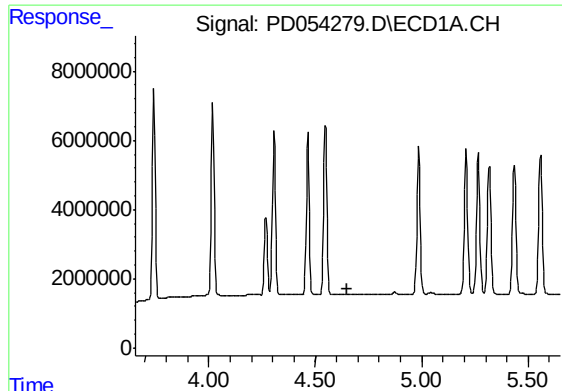
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 32182384
Conc: 49.47 ng/ml



#22 Mirex

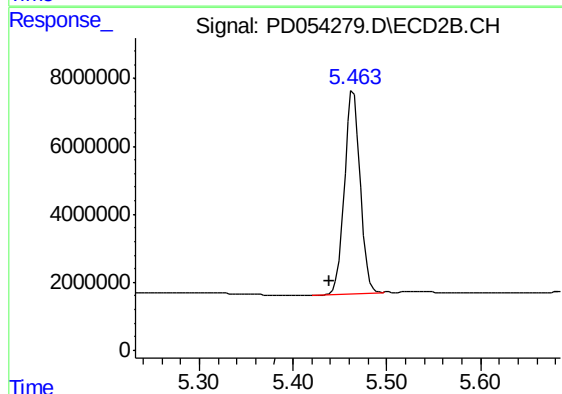
R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 42781974
Conc: 46.42 ng/ml



#24 Chlordane-2

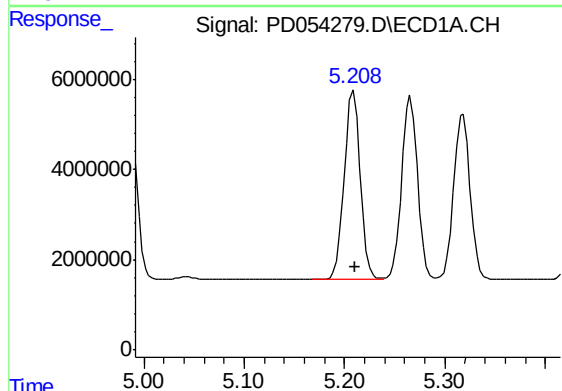
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



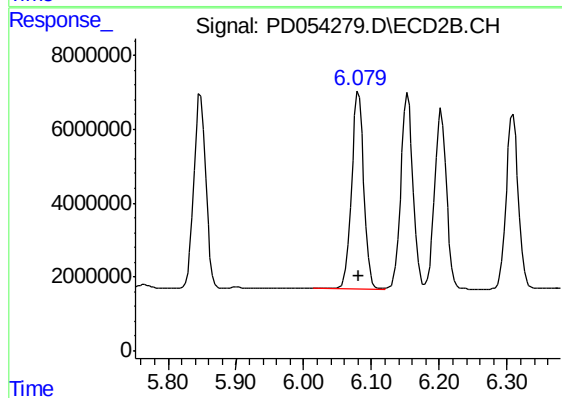
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 69212913
Conc: 1633.02 ng/ml



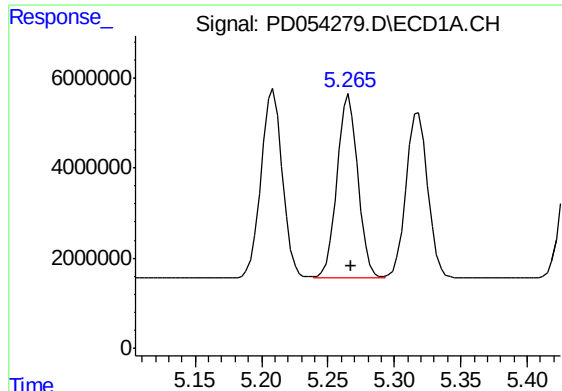
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 46570698
Conc: 585.56 ng/ml



#25 Chlordane-3

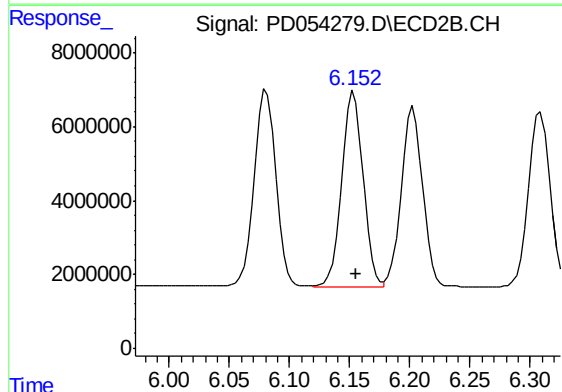
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 66734084
Conc: 381.08 ng/ml



#26 Chlordane-4

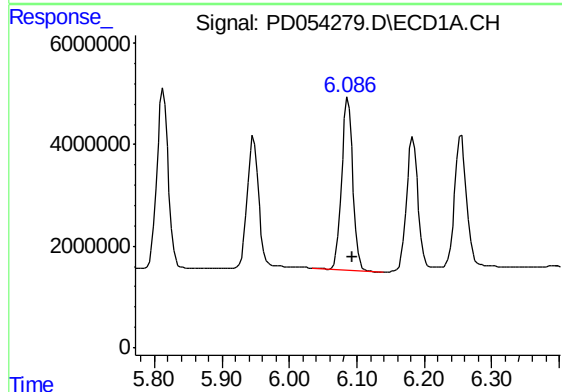
R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 45380606
Conc: 659.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



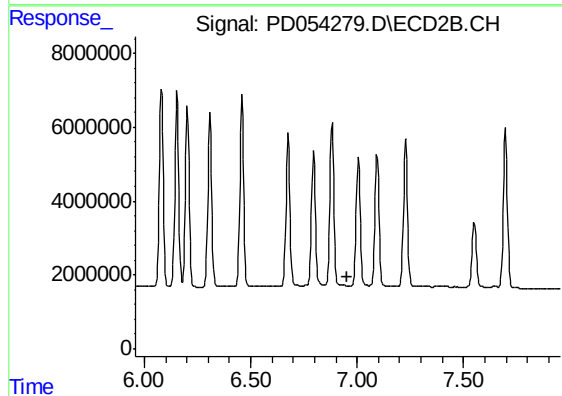
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 65505383
Conc: 309.46 ng/ml



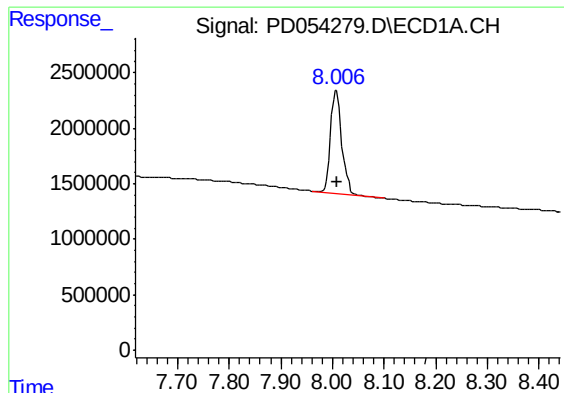
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 38811267
Conc: 1453.05 ng/ml



#27 Chlordane-5

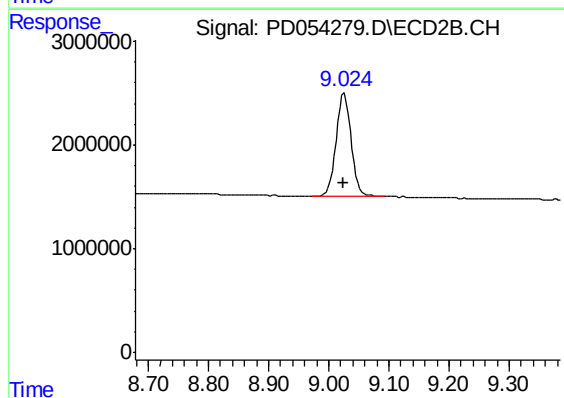
R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14185322
Conc: 21.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
1S-I-(0-1)-COMPMSD



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 17318245
Conc: 18.68 ng/ml