

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062119\
 Data File : PD053709.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2019 16:55
 Operator : SM\AJ
 Sample : K3445-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-001-B198-061719MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 01:41:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD062119.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 22 00:19:03 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...	3.314	3.984	14206591	22512207	20.100	20.570
28)	SA Decachlor...	8.012	9.028	13006490	19613722	20.006	19.394
Target Compounds							
2)	A alpha-BHC	3.744	4.371	52184635	79821879	49.562	49.002
3)	MA gamma-BHC...	4.021	4.654	49126150	77169592	49.779	49.562
4)	MA Heptachlor	4.309	5.162	44078579	75580380	49.426	50.393
5)	MB Aldrin	4.550	5.466	46776083	75282579	51.247	50.120
6)	B beta-BHC	4.270	4.820	20792521	34706660	49.981	50.063
7)	B delta-BHC	4.468	5.037	43423524	69419949	45.380	43.945
8)	B Heptachlo...	4.989	5.850	41992688	70566450	49.043	48.211
9)	A Endosulfan I	5.321	6.204	39585496	64910698	48.595	47.214
10)	B gamma-Chl...	5.212	6.082	44017815	73096208	49.139	46.416
11)	B alpha-Chl...	5.270	6.155	43284356	72409213	48.886	46.997
12)	B 4,4'-DDE	5.439	6.310	40765560	70815796	53.926	52.918
13)	MA Dieldrin	5.562	6.461	44601153	73781142	50.067	49.004
14)	MA Endrin	5.816	6.678	37394928	56569328	45.262	44.702
15)	B Endosulfa...	6.090	6.884	36595705	59894306	46.127	44.493
16)	A 4,4'-DDD	5.950	6.798	29704193	55237388	56.632	54.160
17)	MA 4,4'-DDT	6.187	7.096	33962662	58253193	55.395	54.325
18)	B Endrin al...	6.259	7.008	29685199	49186425	43.707	43.205
19)	B Endosulfa...	6.471	7.230	33958239	55219081	45.317	45.149
20)	A Methoxychlor	6.738	7.551	15425623	28043051	56.790	54.616
21)	B Endrin ke...	6.957	7.699	41630967	65644653	50.157	47.932
22)	Mirex	7.134	8.155	34034986	50350550	51.124	49.429
24)	Chlordane-2	0.000	5.466f	0	75282579	N.D.	1324.442 #
25)	Chlordane-3	5.212	6.082	44017815	73096208	484.490	367.881
26)	Chlordane-4	5.270	6.155	43284356	72409213	508.280	308.728 #
27)	Chlordane-5	6.090	0.000	36595705	0	1281.828	N.D. #

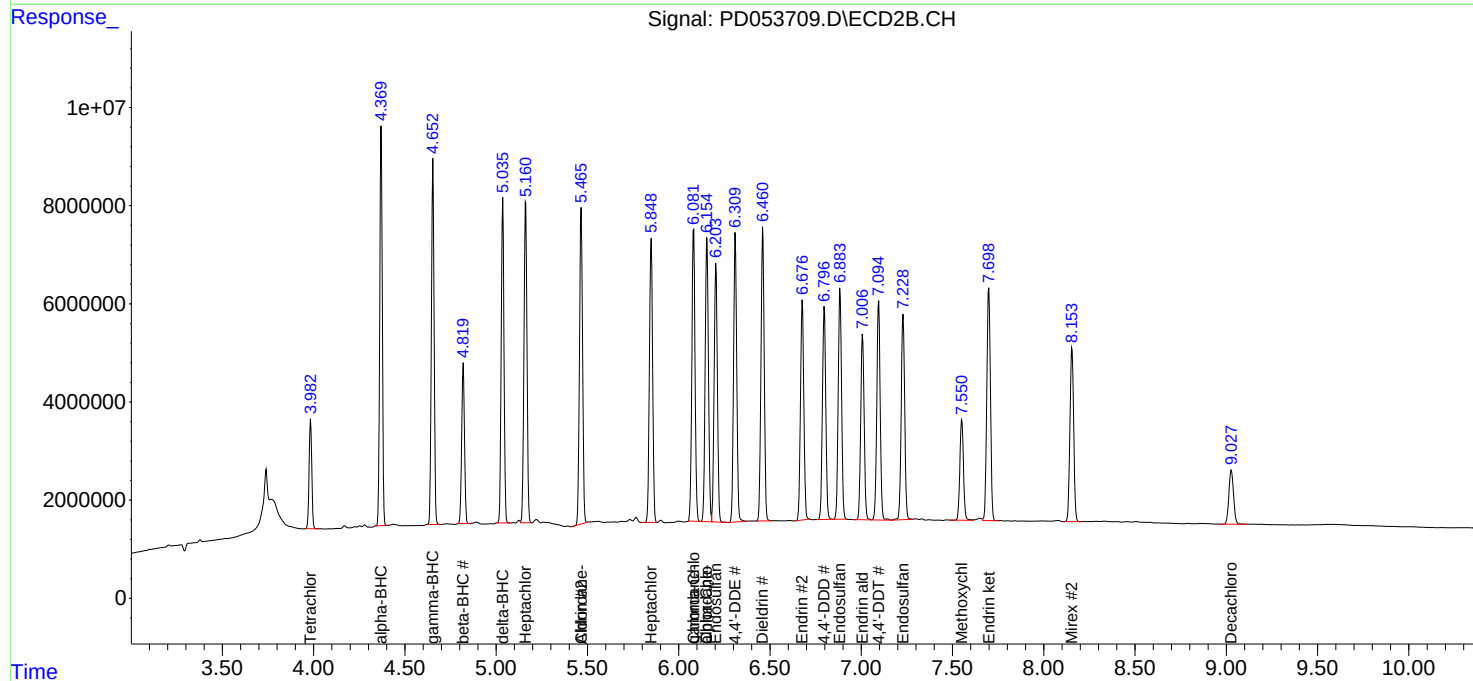
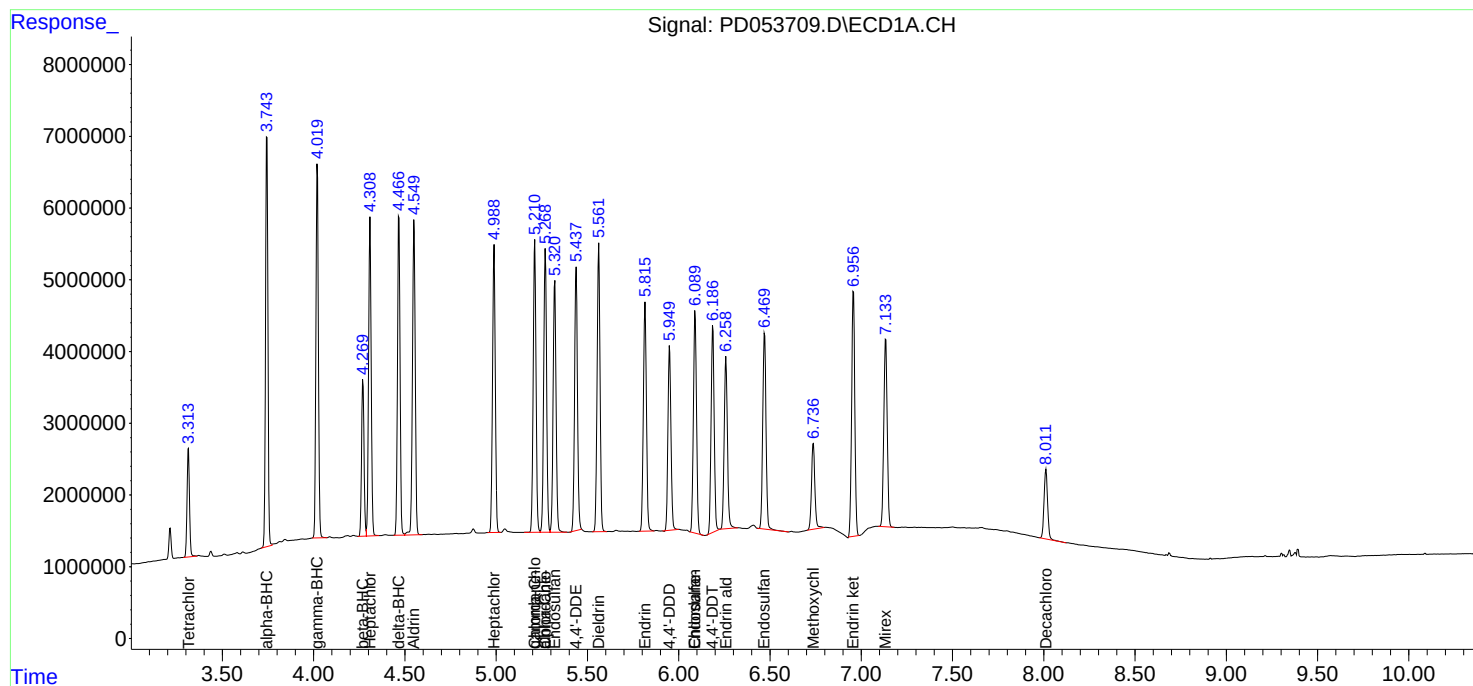
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

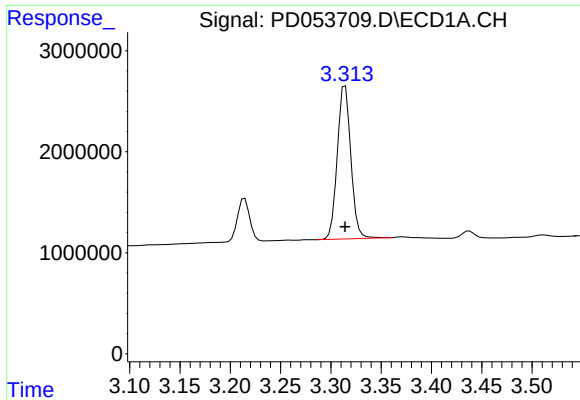
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062119\
Data File : PD053709.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jun 2019 16:55
Operator : SM\AJ
Sample : K3445-15MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 01:41:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD062119.M
Quant Title : GC Extractables
QLast Update : Sat Jun 22 00:19:03 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

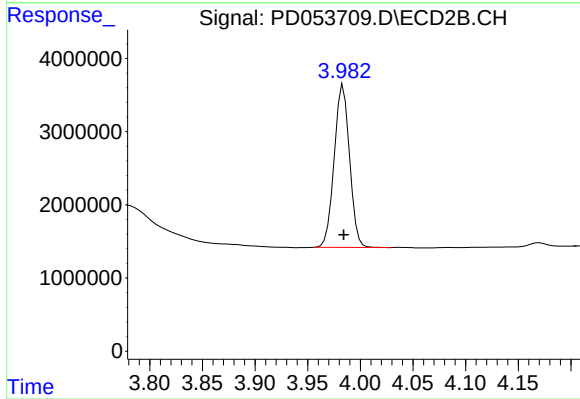




#1 Tetrachloro-m-xylene

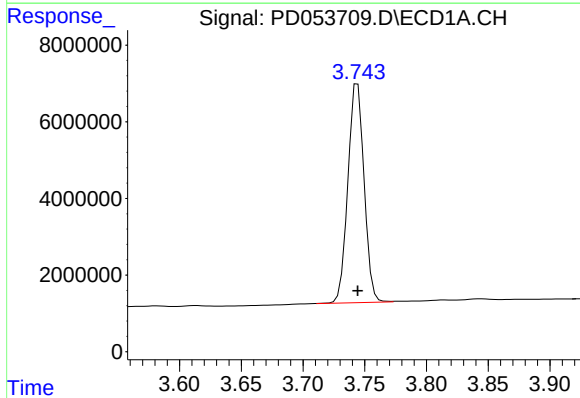
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 14206591
Conc: 20.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



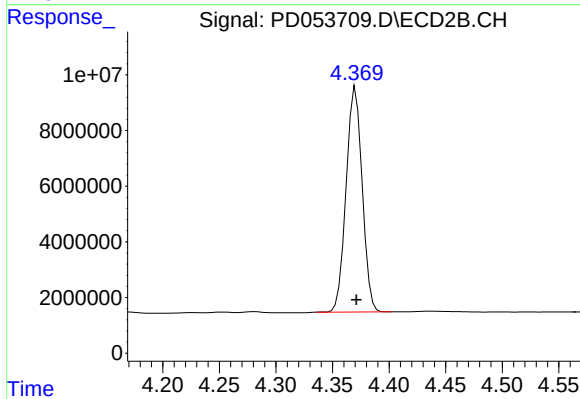
#1 Tetrachloro-m-xylene

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 22512207
Conc: 20.57 ng/ml



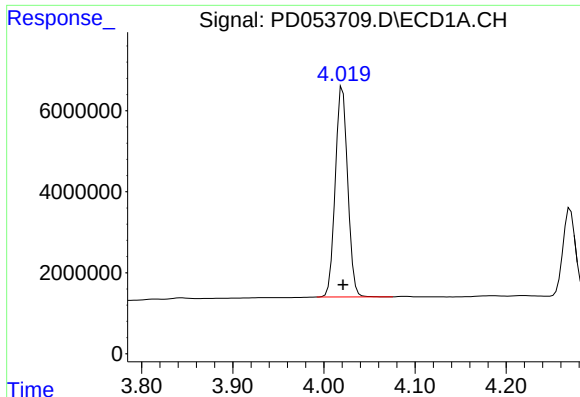
#2 alpha-BHC

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 52184635
Conc: 49.56 ng/ml



#2 alpha-BHC

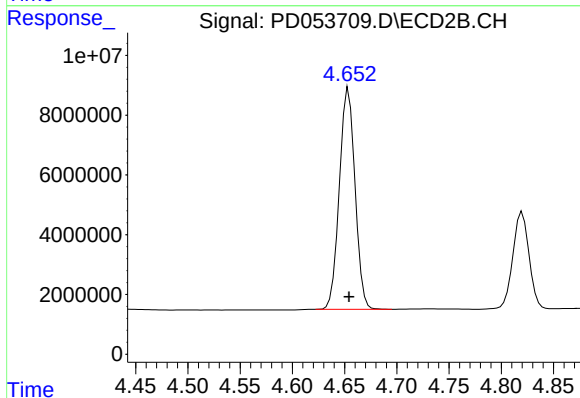
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 79821879
Conc: 49.00 ng/ml



#3 gamma-BHC (Lindane)

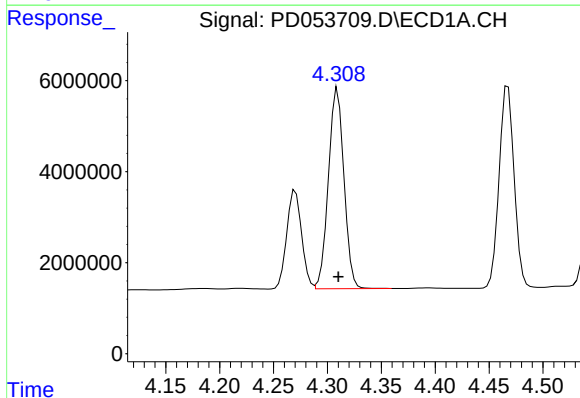
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 49126150
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



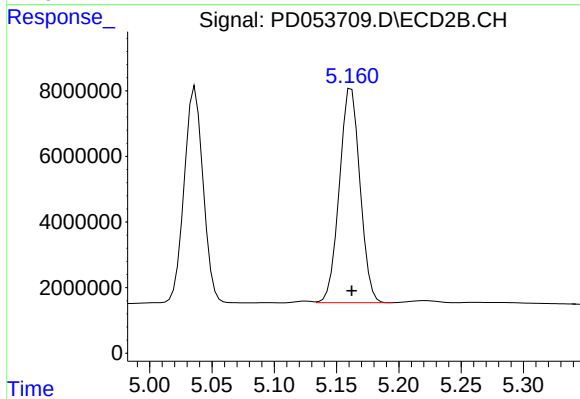
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 77169592
Conc: 49.56 ng/ml



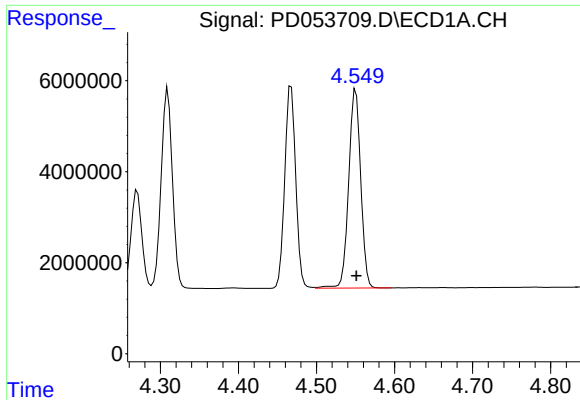
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 44078579
Conc: 49.43 ng/ml



#4 Heptachlor

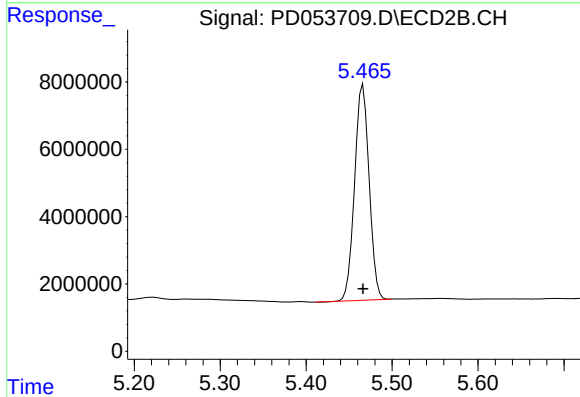
R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 75580380
Conc: 50.39 ng/ml



#5 Aldrin

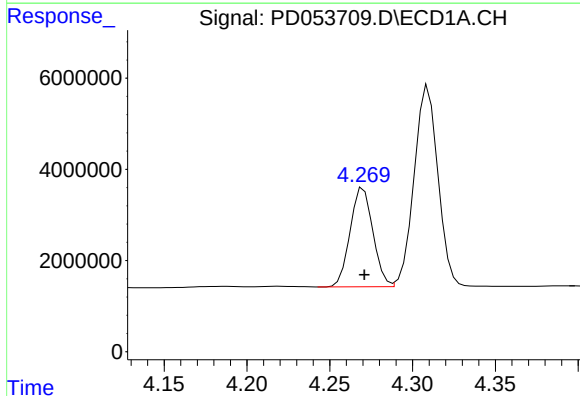
R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 46776083
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



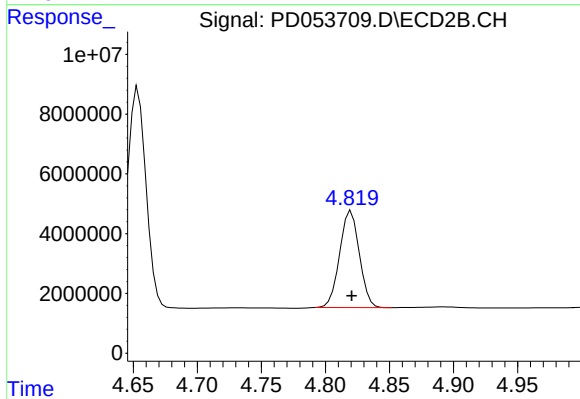
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 75282579
Conc: 50.12 ng/ml



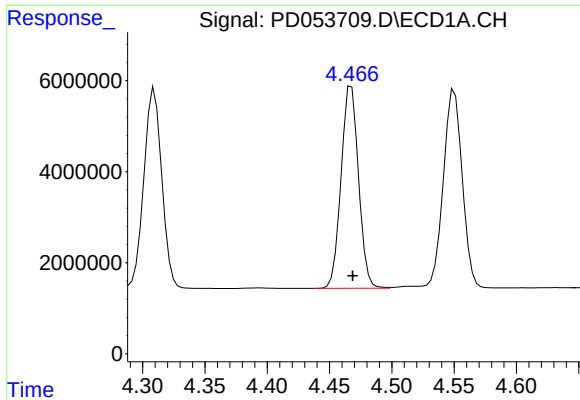
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 20792521
Conc: 49.98 ng/ml



#6 beta-BHC

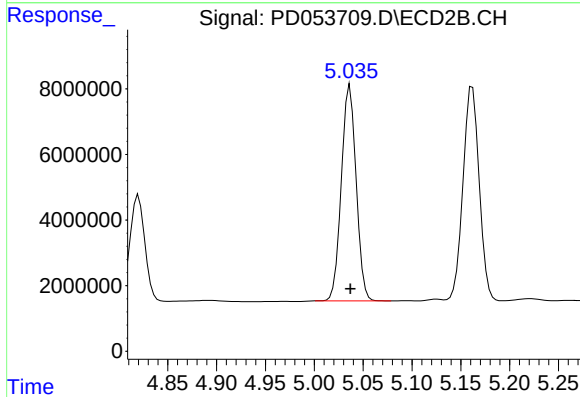
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 34706660
Conc: 50.06 ng/ml



#7 delta-BHC

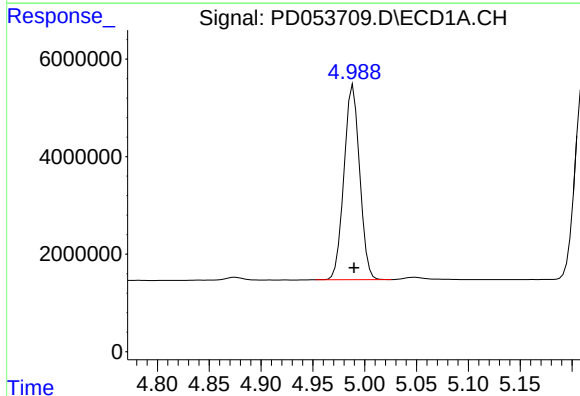
R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 43423524
Conc: 45.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



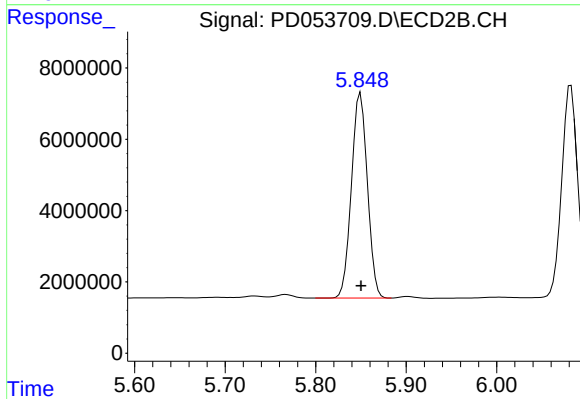
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 69419949
Conc: 43.95 ng/ml



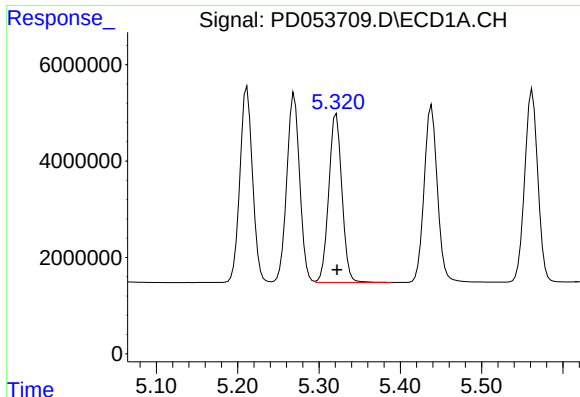
#8 Heptachlor epoxide

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 41992688
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

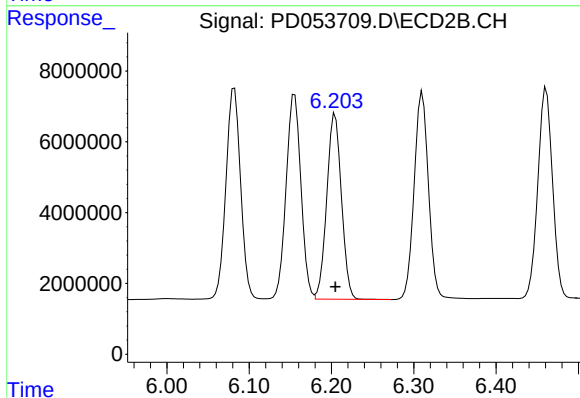
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 70566450
Conc: 48.21 ng/ml



#9 Endosulfan I

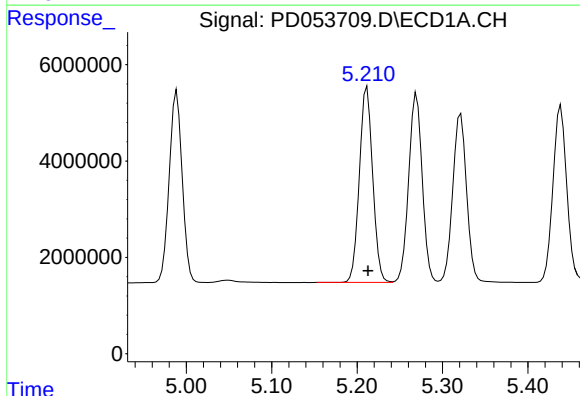
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 39585496
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



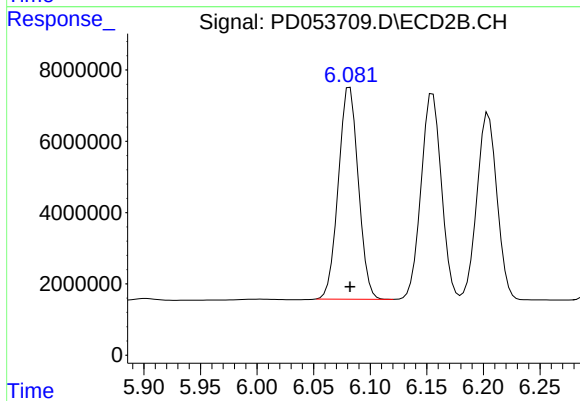
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 64910698
Conc: 47.21 ng/ml



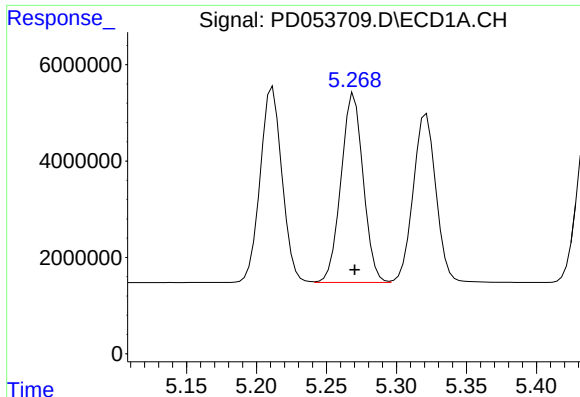
#10 gamma-Chlordane

R.T.: 5.212 min
Delta R.T.: -0.001 min
Response: 44017815
Conc: 49.14 ng/ml



#10 gamma-Chlordane

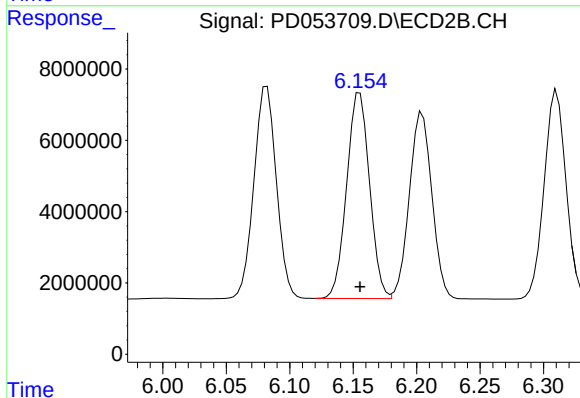
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 73096208
Conc: 46.42 ng/ml



#11 alpha-Chlordane

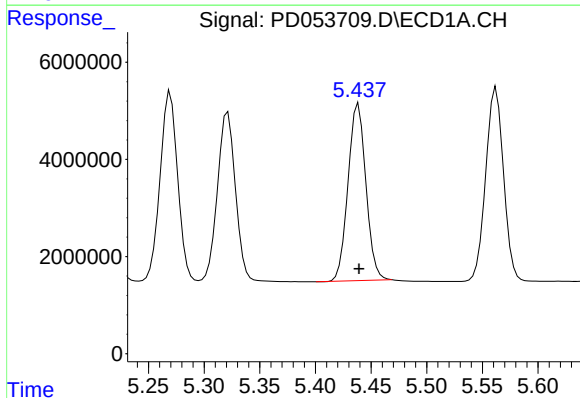
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 43284356
Conc: 48.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



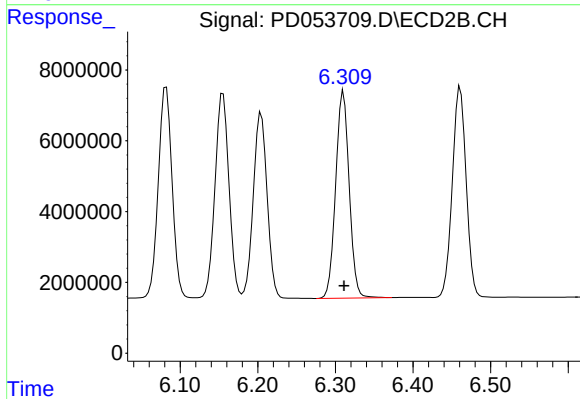
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 72409213
Conc: 47.00 ng/ml



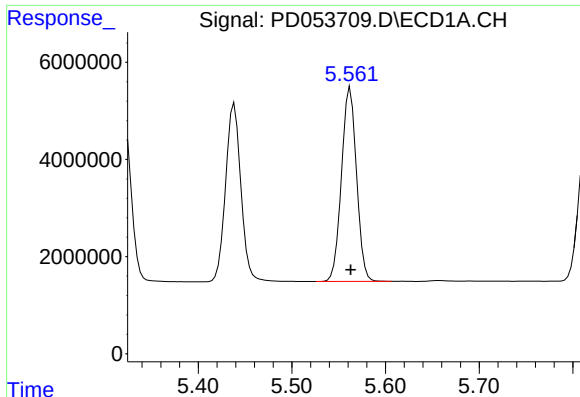
#12 4,4'-DDE

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 40765560
Conc: 53.93 ng/ml



#12 4,4'-DDE

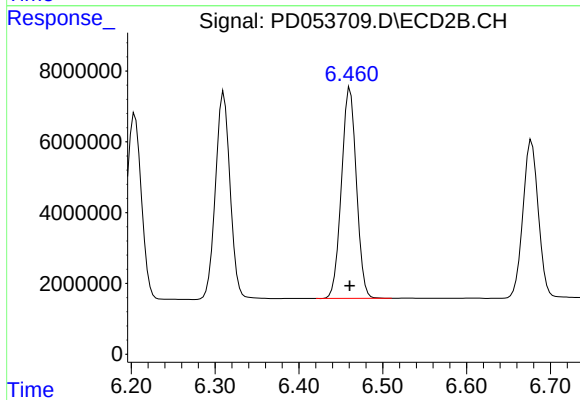
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 70815796
Conc: 52.92 ng/ml



#13 Dieldrin

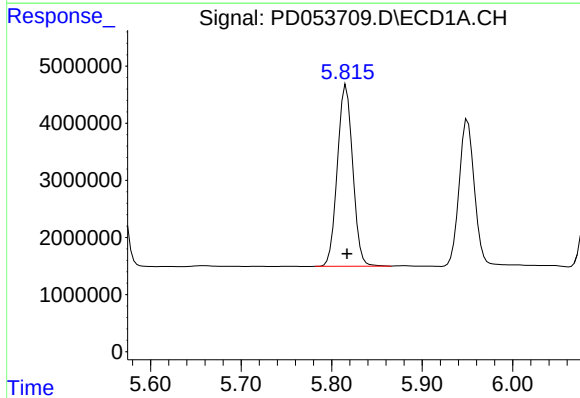
R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 44601153
Conc: 50.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



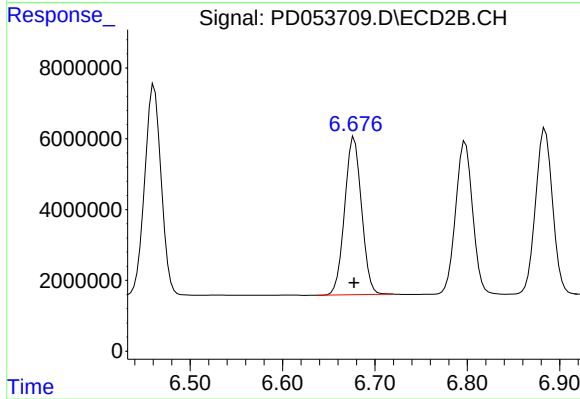
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 73781142
Conc: 49.00 ng/ml



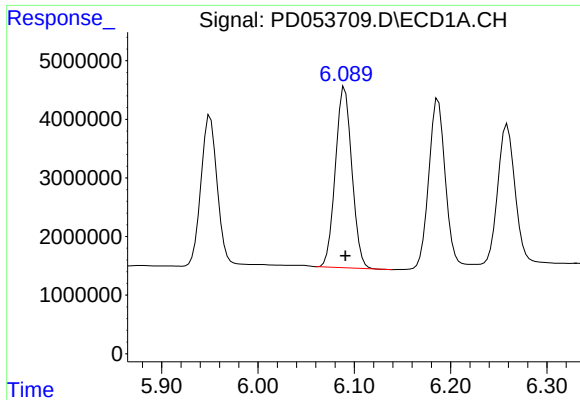
#14 Endrin

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 37394928
Conc: 45.26 ng/ml



#14 Endrin

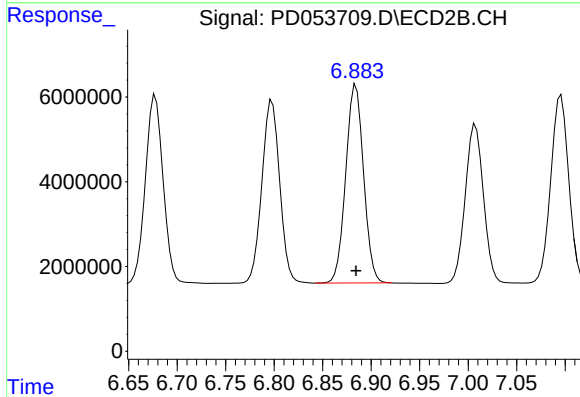
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 56569328
Conc: 44.70 ng/ml



#15 Endosulfan II

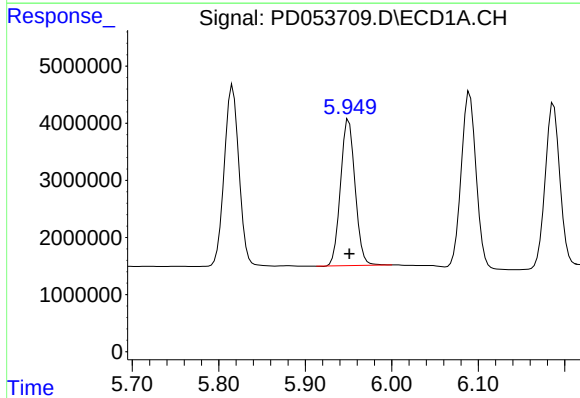
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 36595705
Conc: 46.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



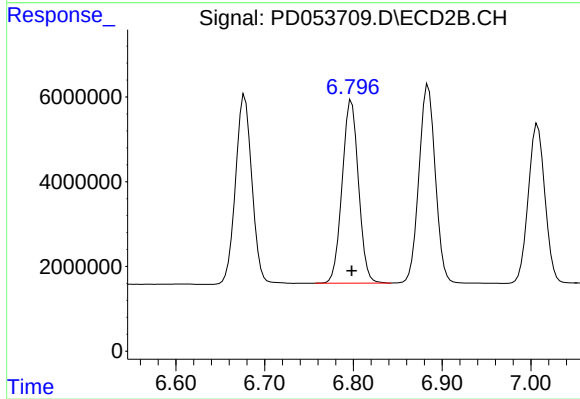
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 59894306
Conc: 44.49 ng/ml



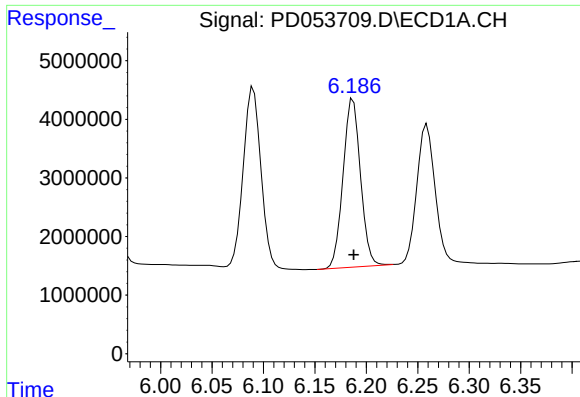
#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 29704193
Conc: 56.63 ng/ml



#16 4,4'-DDD

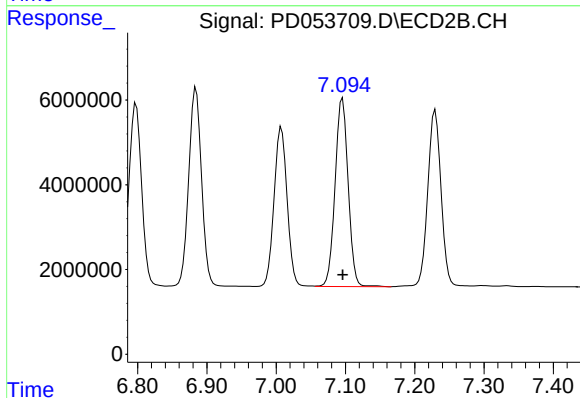
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 55237388
Conc: 54.16 ng/ml



#17 4,4'-DDT

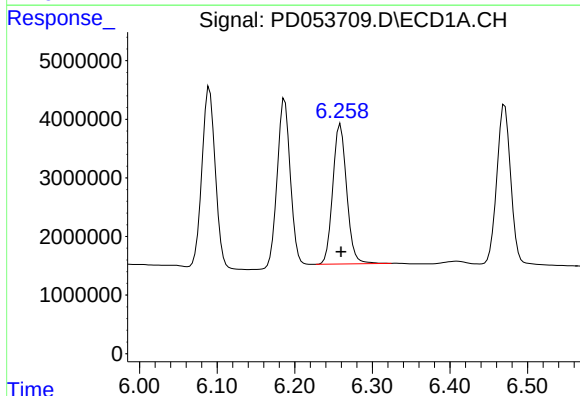
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 33962662
Conc: 55.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



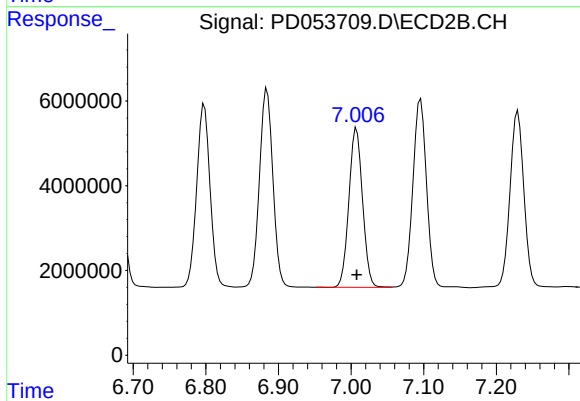
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 58253193
Conc: 54.33 ng/ml



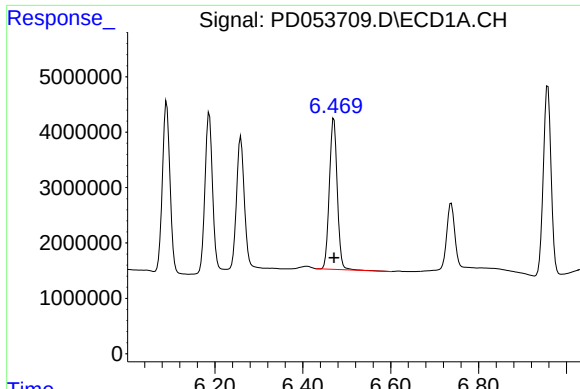
#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 29685199
Conc: 43.71 ng/ml



#18 Endrin aldehyde

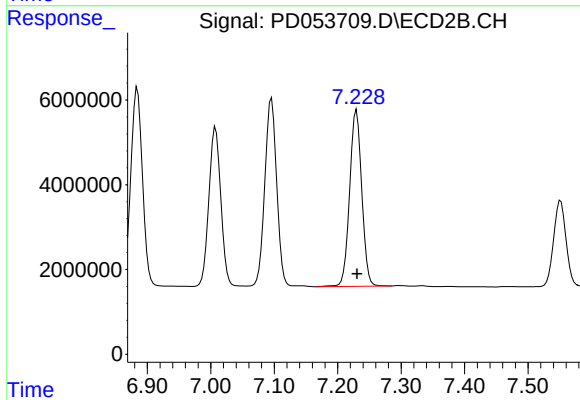
R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 49186425
Conc: 43.20 ng/ml



#19 Endosulfan Sulfate

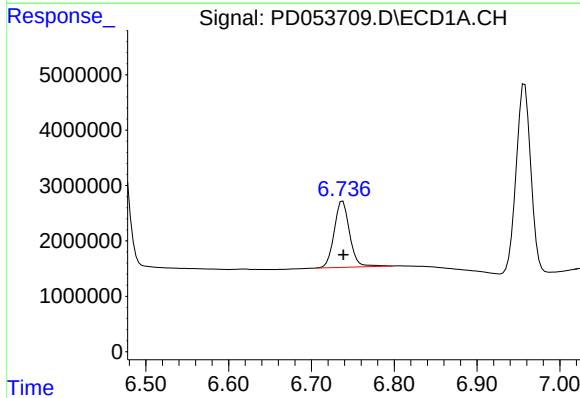
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 33958239
Conc: 45.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



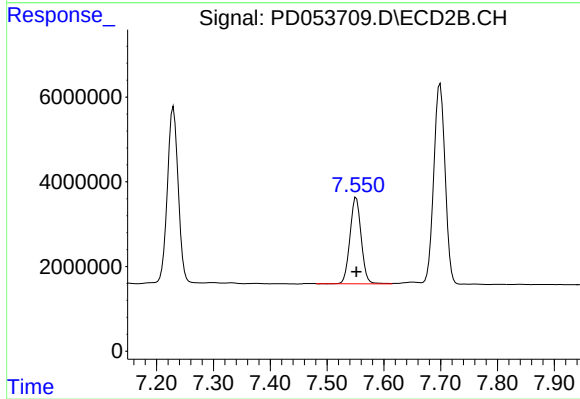
#19 Endosulfan Sulfate

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 55219081
Conc: 45.15 ng/ml



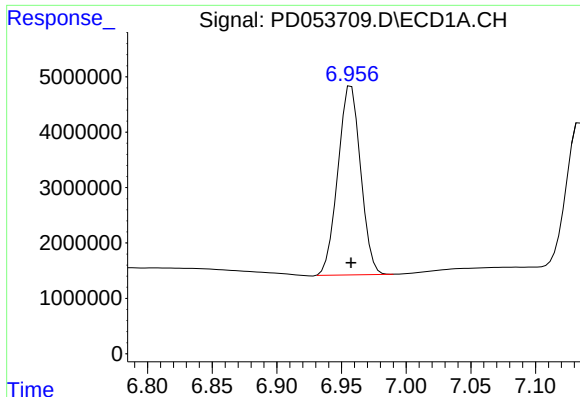
#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 15425623
Conc: 56.79 ng/ml



#20 Methoxychlor

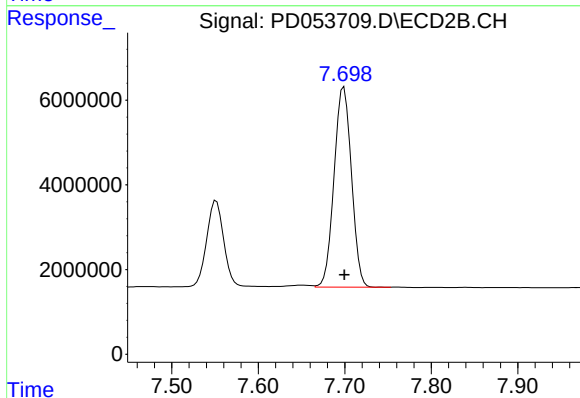
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 28043051
Conc: 54.62 ng/ml



#21 Endrin ketone

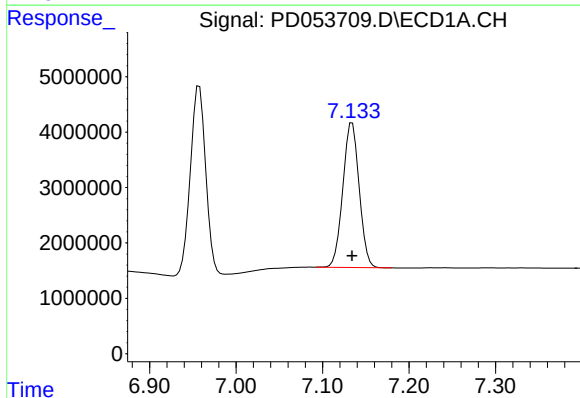
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 41630967
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



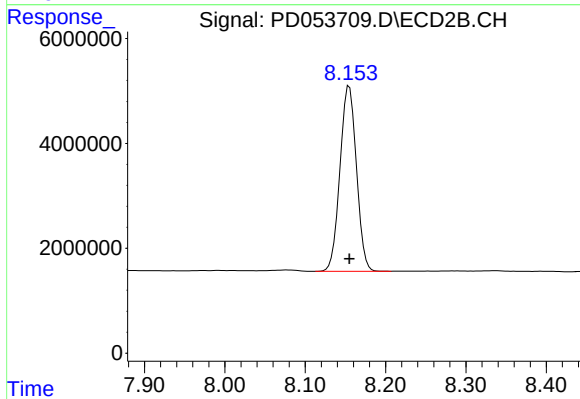
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 65644653
Conc: 47.93 ng/ml



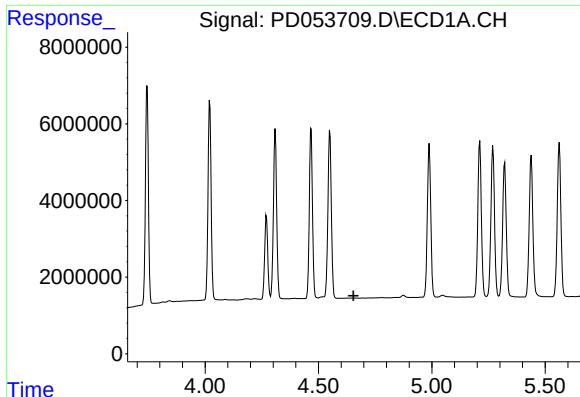
#22 Mirex

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 34034986
Conc: 51.12 ng/ml



#22 Mirex

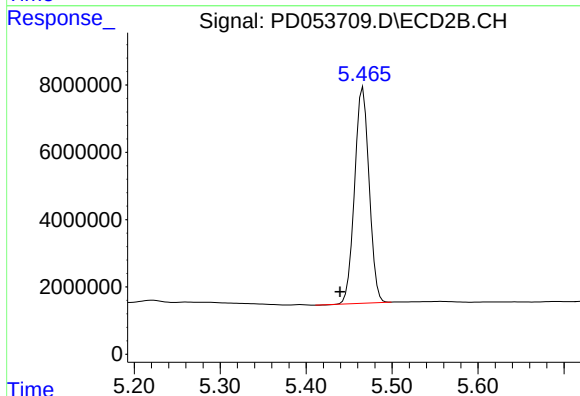
R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 50350550
Conc: 49.43 ng/ml



#24 Chlordane-2

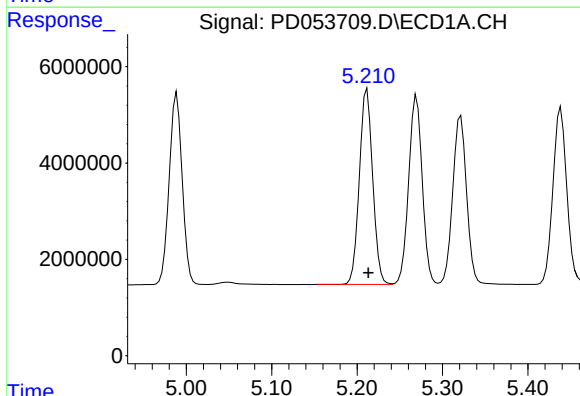
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



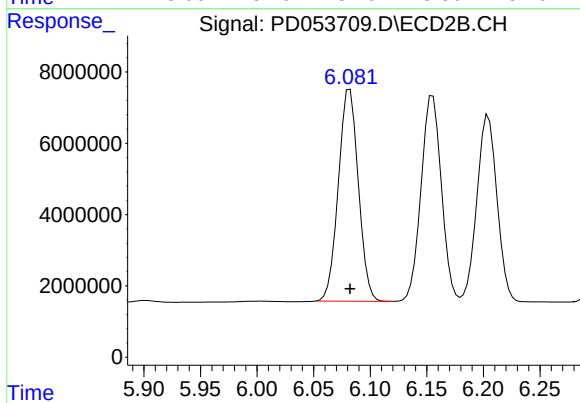
#24 Chlordane-2

R.T.: 5.466 min
Delta R.T.: 0.027 min
Response: 75282579
Conc: 1324.44 ng/ml



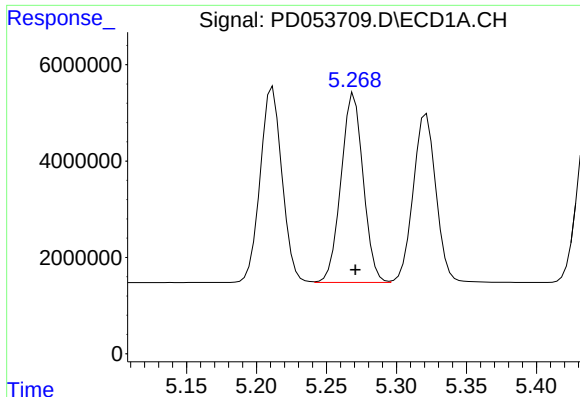
#25 Chlordane-3

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 44017815
Conc: 484.49 ng/ml



#25 Chlordane-3

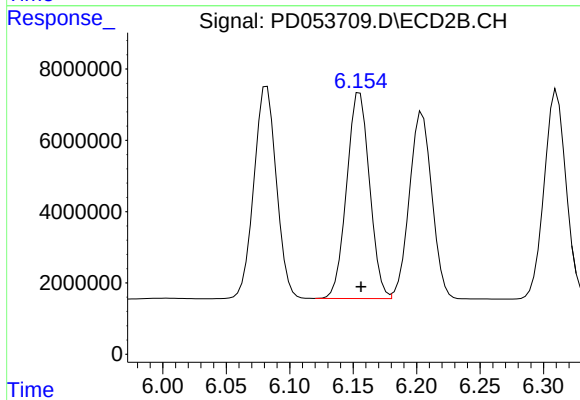
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 73096208
Conc: 367.88 ng/ml



#26 Chlordane-4

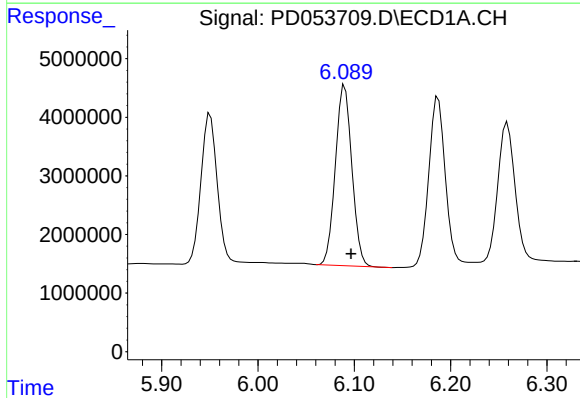
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 43284356
Conc: 508.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



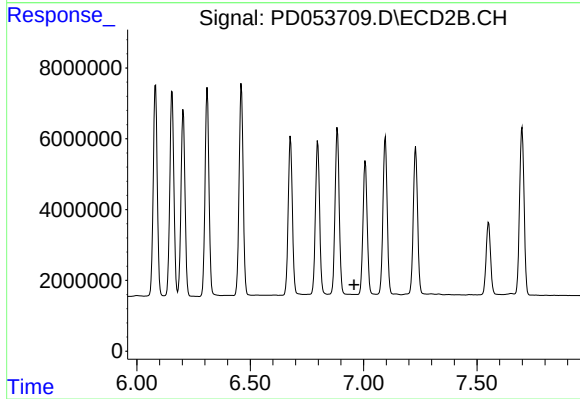
#26 Chlordane-4

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 72409213
Conc: 308.73 ng/ml



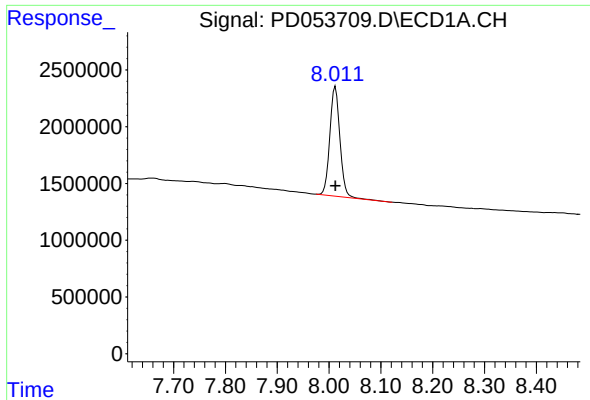
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: -0.007 min
Response: 36595705
Conc: 1281.83 ng/ml



#27 Chlordane-5

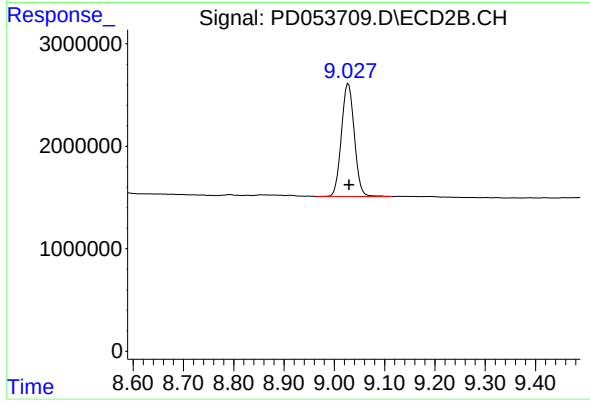
R.T.: 0.000 min
Exp R.T.: 6.958 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 13006490
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-001-B198-061719MSD



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: -0.002 min
Response: 19613722
Conc: 19.39 ng/ml