

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062119\
 Data File : PD053708.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2019 16:41
 Operator : SM\AJ
 Sample : K3445-15MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 01:41:32 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	3.983	14396778	22929598	20.369	20.952
28)	SA Decachlor...	8.012	9.028	13040217	19576114	20.058	19.357
Target Compounds							
2)	A alpha-BHC	3.744	4.370	52897795	81902293	50.239	50.279
3)	MA gamma-BHC...	4.021	4.654	50092611	79268830	50.758	50.910
4)	MA Heptachlor	4.310	5.162	45123066	77727905	50.597	51.825
5)	MB Aldrin	4.551	5.466	48259599	77620662	52.872	51.677
6)	B beta-BHC	4.271	4.820	21162782	35522101	50.871	51.240
7)	B delta-BHC	4.468	5.037	44271663	70985612	46.267	44.936
8)	B Heptachlo...	4.990	5.850	42989915	72515309	50.208	49.542
9)	A Endosulfan I	5.323	6.205	40471443	66539797	49.682	48.399
10)	B gamma-Chl...	5.213	6.082	45218599	75166107	50.480	47.731
11)	B alpha-Chl...	5.270	6.155	44379050	74492447	50.123	48.349
12)	B 4,4'-DDE	5.440	6.310	41828113	72520472	55.332	54.192
13)	MA Dieldrin	5.564	6.461	45804929	75742417	51.418	50.306
14)	MA Endrin	5.817	6.678	38293918	57766604	46.350	45.648
15)	B Endosulfa...	6.091	6.884	37322786	60922970	47.044	45.258
16)	A 4,4'-DDD	5.951	6.797	30155613	56045224	57.492	54.953
17)	MA 4,4'-DDT	6.188	7.096	34613607	58534707	56.457	54.588
18)	B Endrin al...	6.260	7.008	30718862	49632595	45.229	43.596
19)	B Endosulfa...	6.471	7.230	34684058	56087573	46.285	45.859
20)	A Methoxychlor	6.739	7.553	15972396	27874483	58.803	54.287
21)	B Endrin ke...	6.957	7.699	42308368	65967869	50.973	48.168
22)	Mirex	7.134	8.155	34511907	50930106	51.840	49.997
24)	Chlordane-2	0.000	5.466f	0	77620662	N.D.	1365.576 #
25)	Chlordane-3	5.213	6.082	45218599	75166107	497.706	378.298
26)	Chlordane-4	5.270	6.155	44379050	74492447	521.135	317.610 #
27)	Chlordane-5	6.091	0.000	37322786	0	1307.296	N.D. #

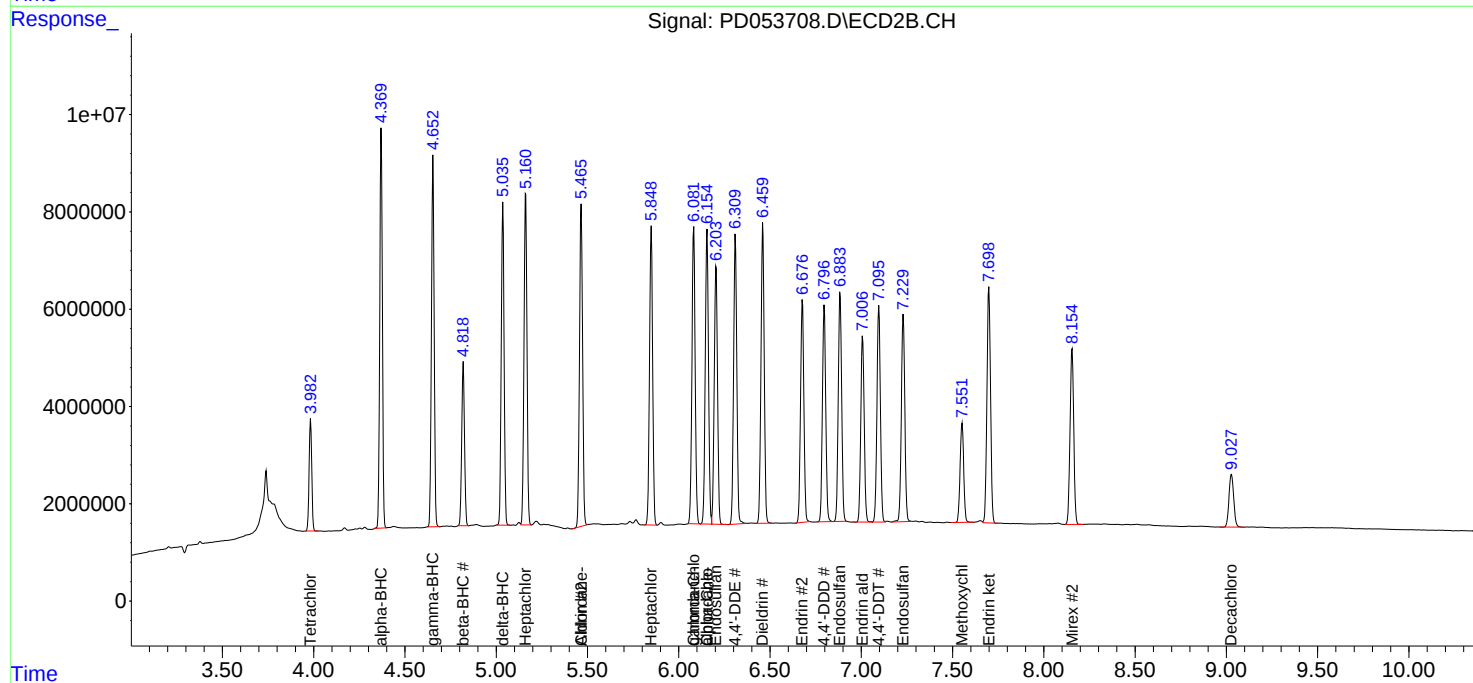
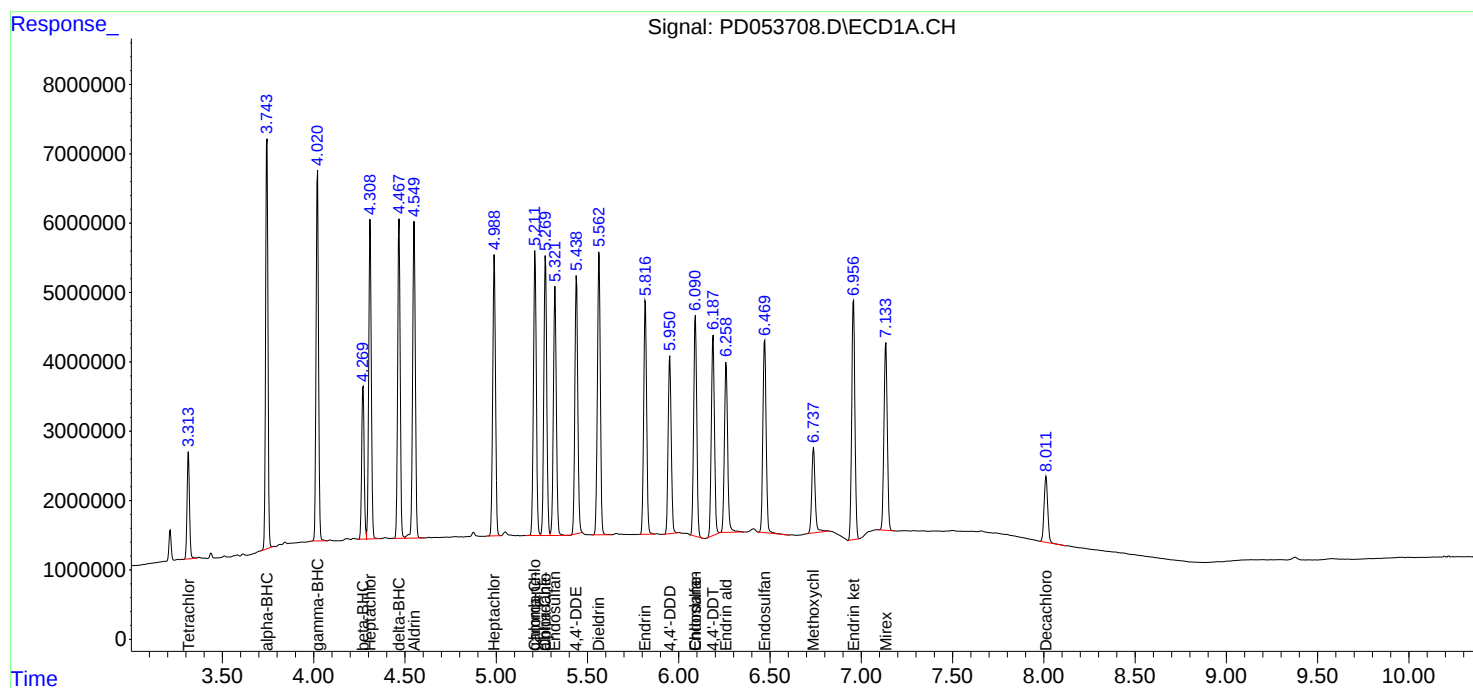
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

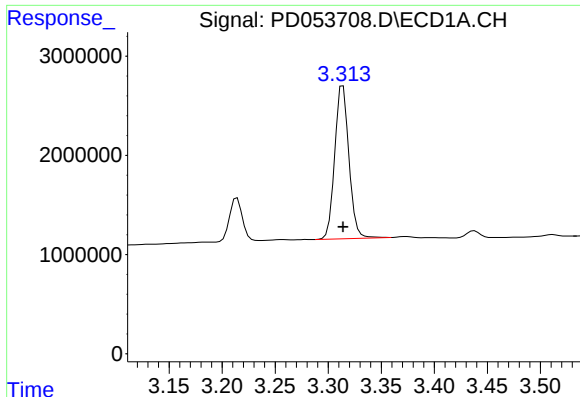
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062119\
Data File : PD053708.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jun 2019 16:41
Operator : SM\AJ
Sample : K3445-15MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 01:41:32 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

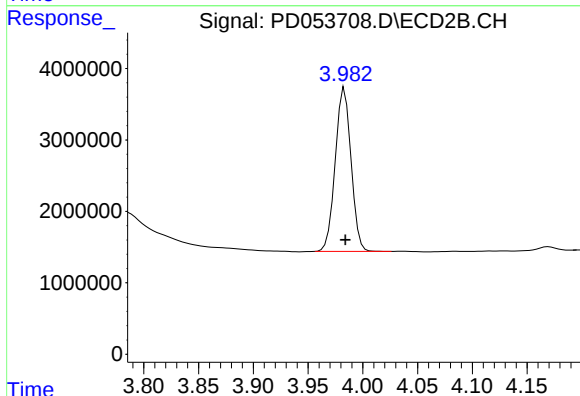




#1 Tetrachloro-m-xylene

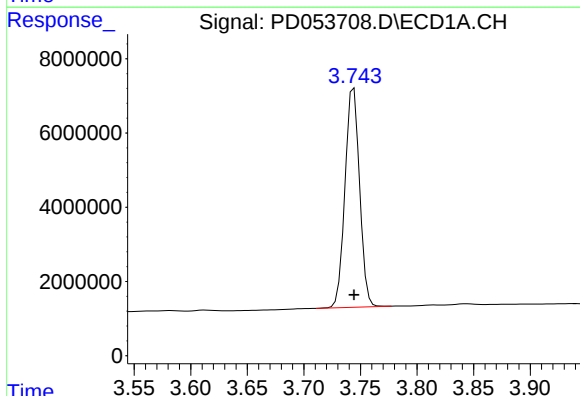
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 14396778
Conc: 20.37 ng/ml

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



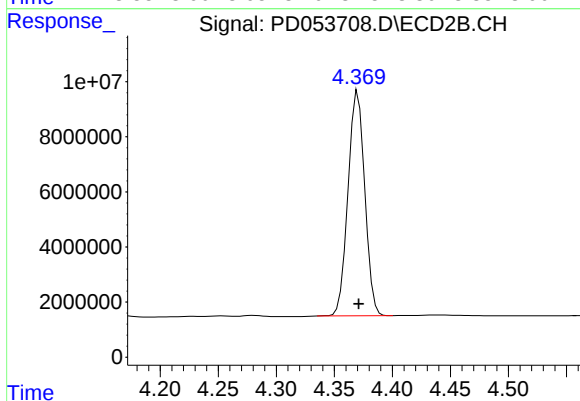
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 22929598
Conc: 20.95 ng/ml



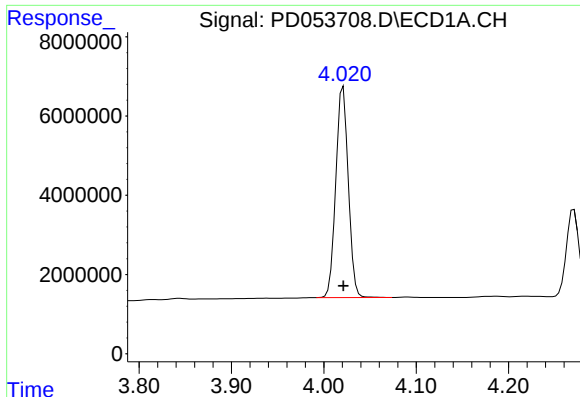
#2 alpha-BHC

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 52897795
Conc: 50.24 ng/ml



#2 alpha-BHC

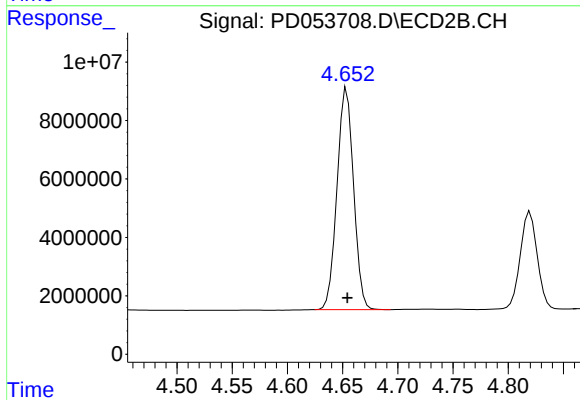
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 81902293
Conc: 50.28 ng/ml



#3 gamma-BHC (Lindane)

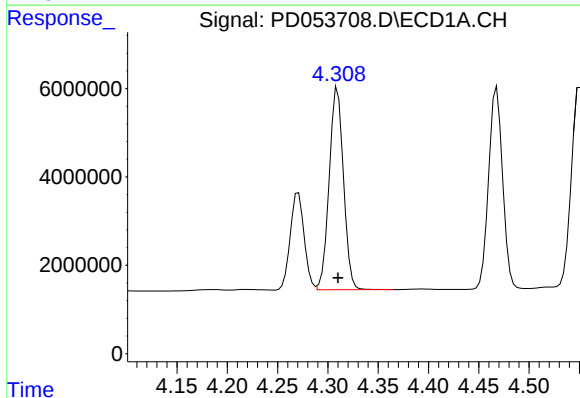
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 50092611
Conc: 50.76 ng/ml

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



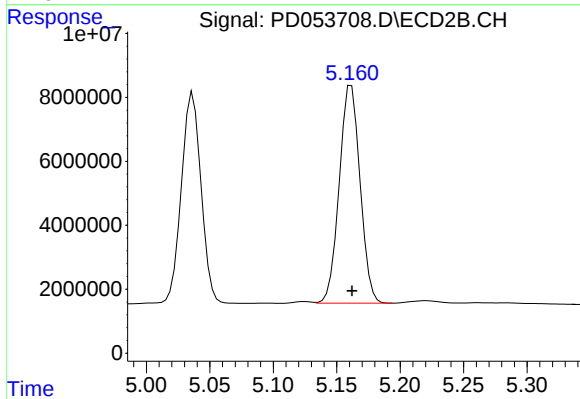
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 79268830
Conc: 50.91 ng/ml



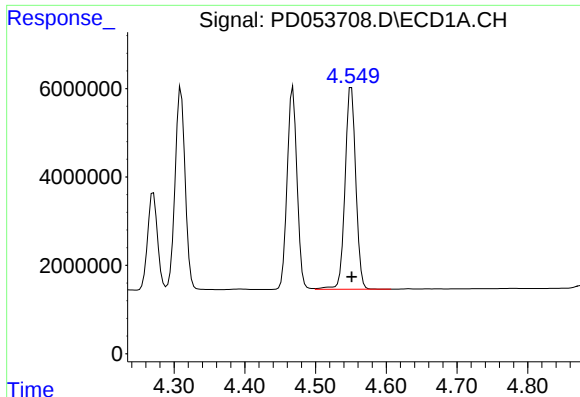
#4 Heptachlor

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 45123066
Conc: 50.60 ng/ml



#4 Heptachlor

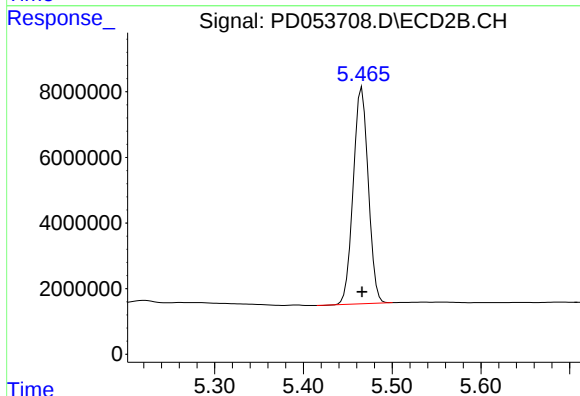
R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 77727905
Conc: 51.82 ng/ml



#5 Aldrin

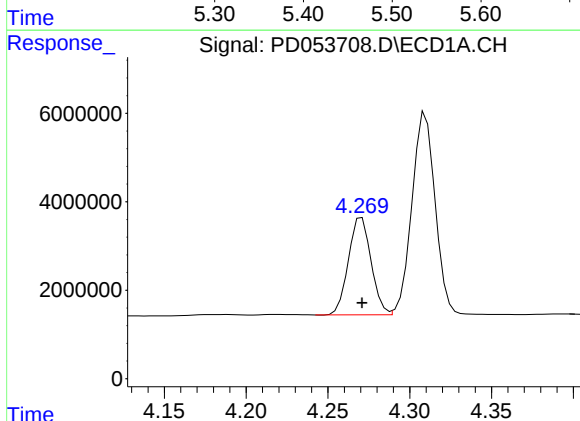
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 48259599
Conc: 52.87 ng/ml

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



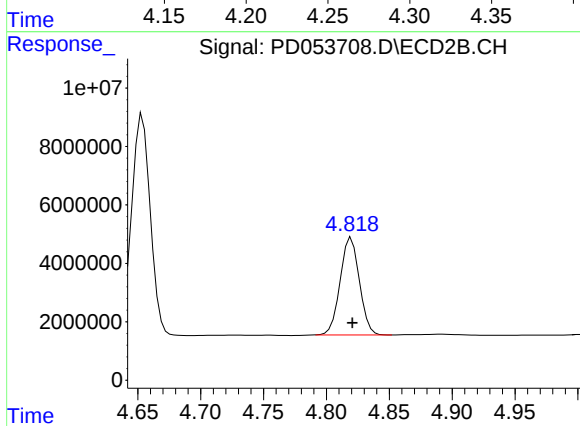
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 77620662
Conc: 51.68 ng/ml



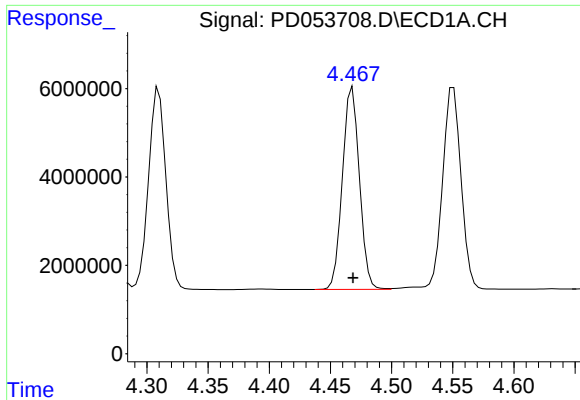
#6 beta-BHC

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 21162782
Conc: 50.87 ng/ml



#6 beta-BHC

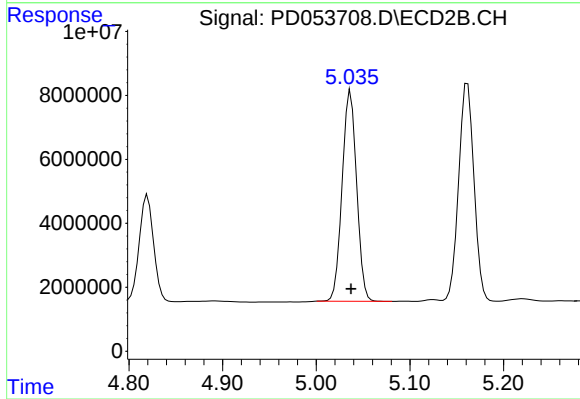
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 35522101
Conc: 51.24 ng/ml



#7 delta-BHC

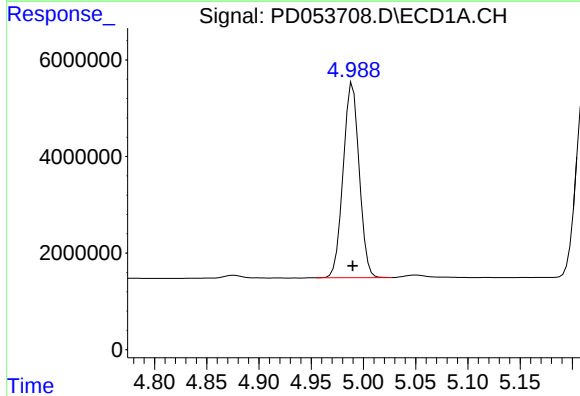
R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 44271663
Conc: 46.27 ng/ml

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



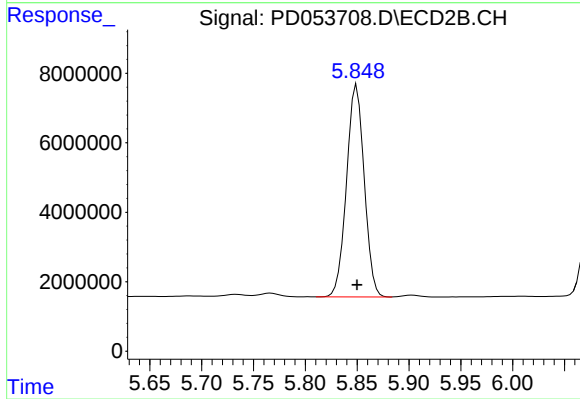
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 70985612
Conc: 44.94 ng/ml



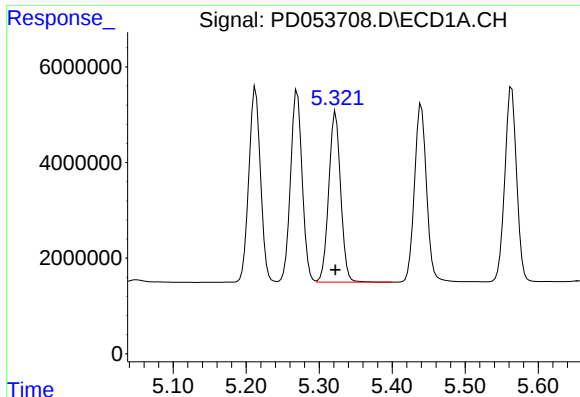
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 42989915
Conc: 50.21 ng/ml



#8 Heptachlor epoxide

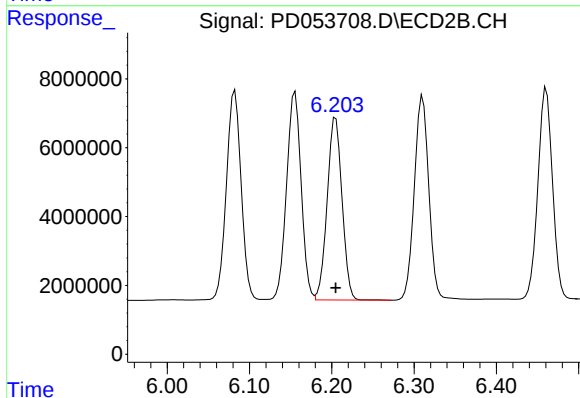
R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 72515309
Conc: 49.54 ng/ml



#9 Endosulfan I

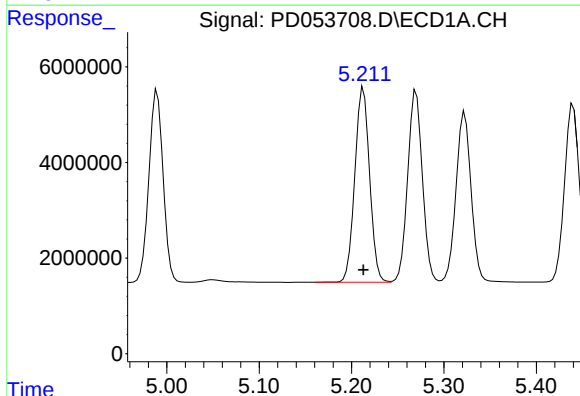
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 40471443
Conc: 49.68 ng/ml

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



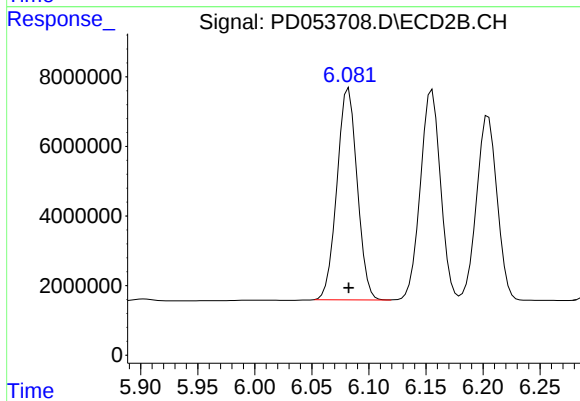
#9 Endosulfan I

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 66539797
Conc: 48.40 ng/ml



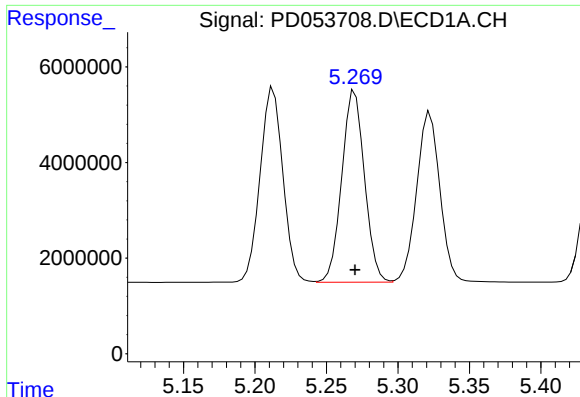
#10 gamma-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 45218599
Conc: 50.48 ng/ml



#10 gamma-Chlordane

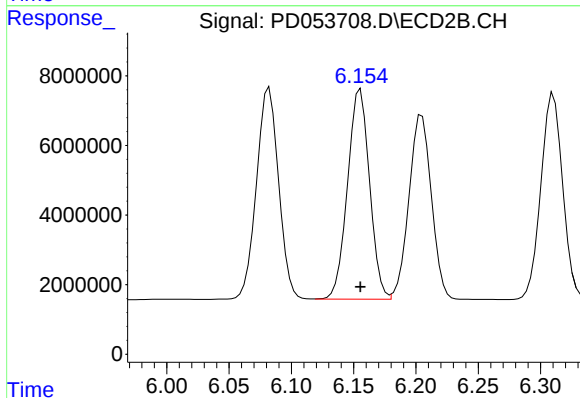
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 75166107
Conc: 47.73 ng/ml



#11 alpha-Chlordane

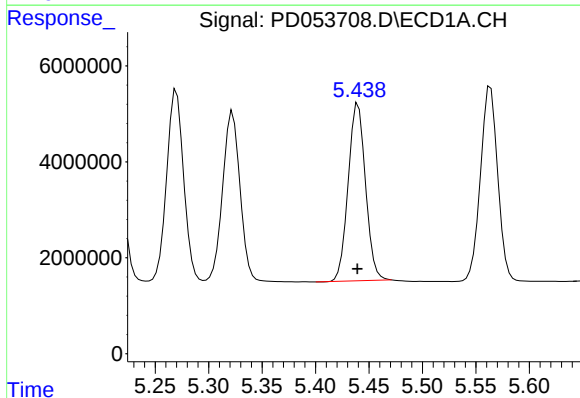
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 44379050
Conc: 50.12 ng/ml

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



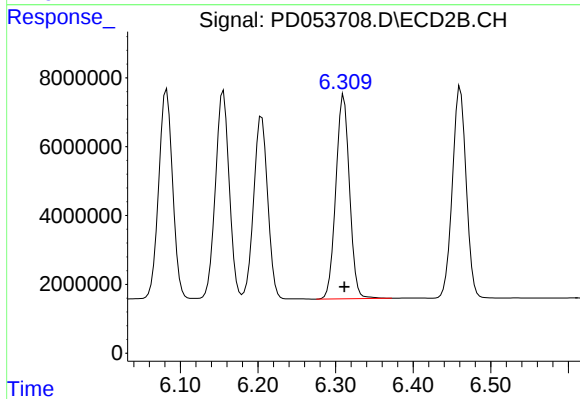
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 74492447
Conc: 48.35 ng/ml



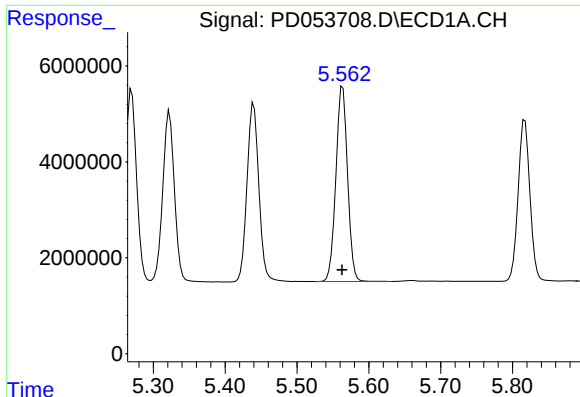
#12 4,4'-DDE

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 41828113
Conc: 55.33 ng/ml



#12 4,4'-DDE

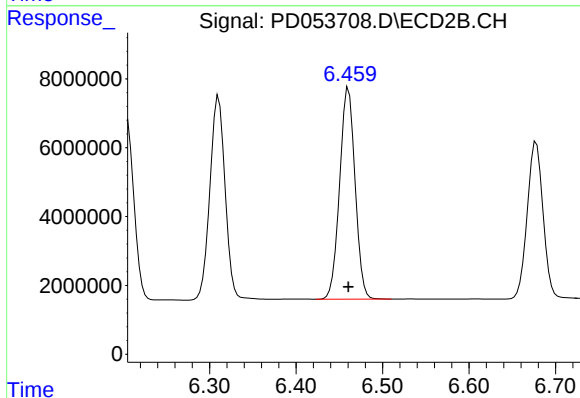
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 72520472
Conc: 54.19 ng/ml



#13 Dieldrin

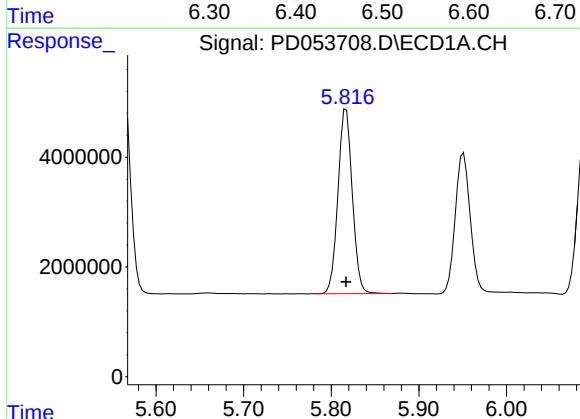
R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 45804929
Conc: 51.42 ng/ml

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



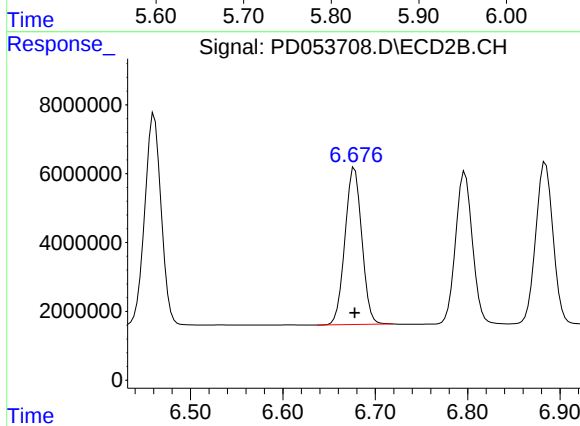
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 75742417
Conc: 50.31 ng/ml



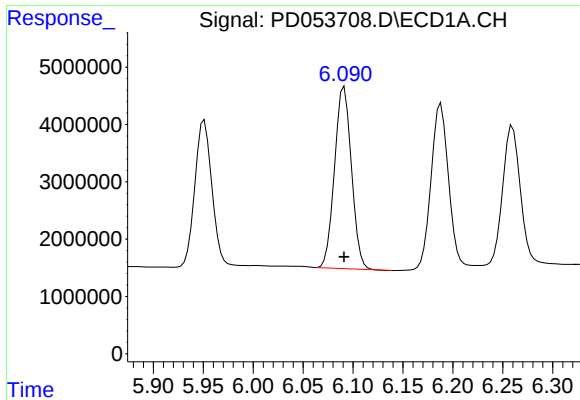
#14 Endrin

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 38293918
Conc: 46.35 ng/ml



#14 Endrin

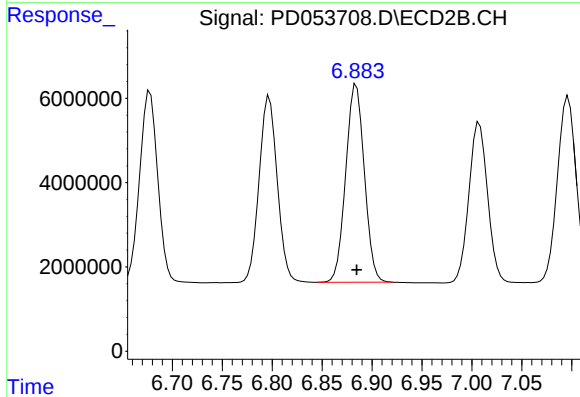
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 57766604
Conc: 45.65 ng/ml



#15 Endosulfan II

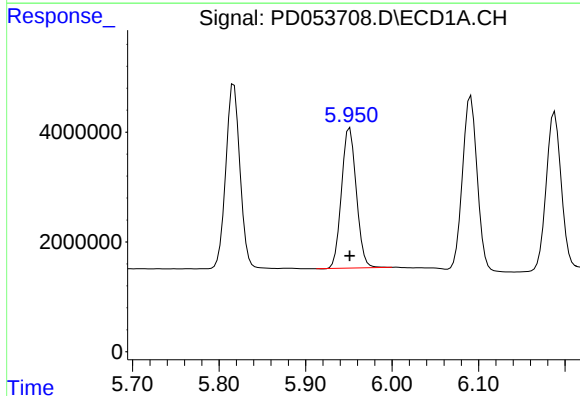
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 37322786
Conc: 47.04 ng/ml

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



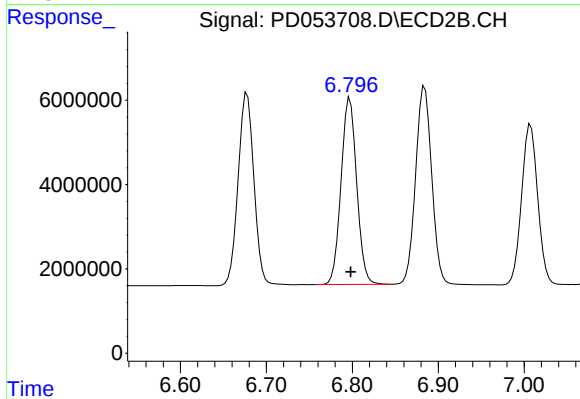
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 60922970
Conc: 45.26 ng/ml



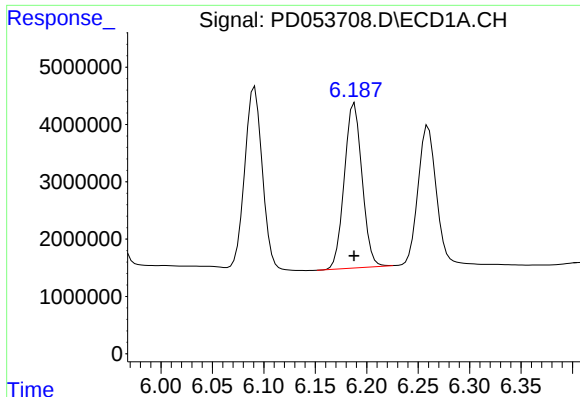
#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 30155613
Conc: 57.49 ng/ml



#16 4,4'-DDD

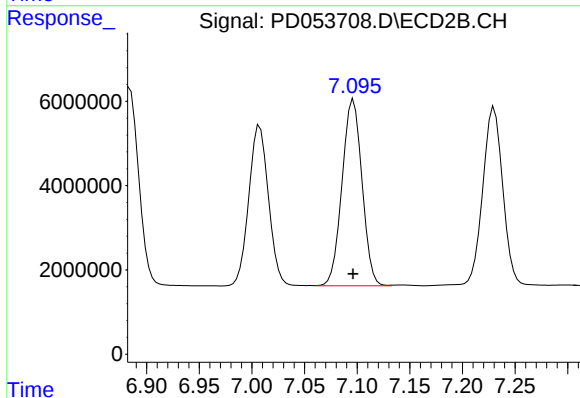
R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 56045224
Conc: 54.95 ng/ml



#17 4,4'-DDT

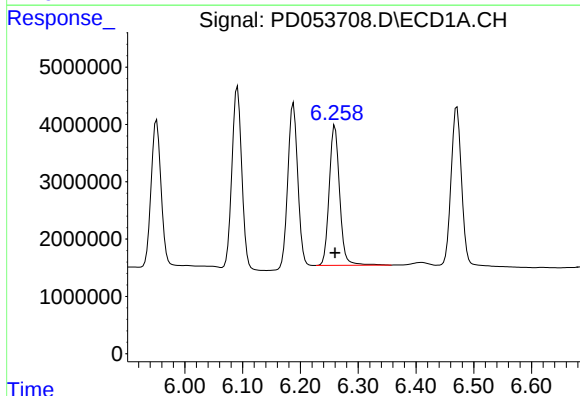
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 34613607
Conc: 56.46 ng/ml

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



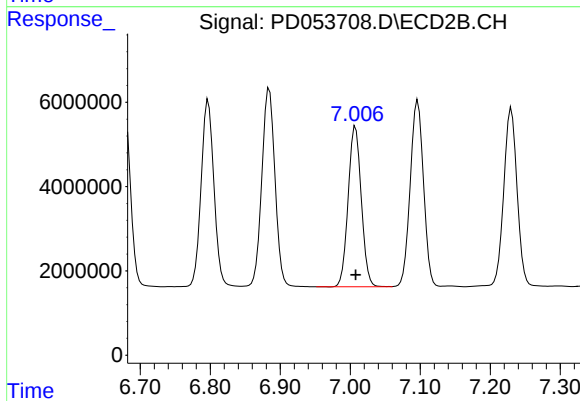
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 58534707
Conc: 54.59 ng/ml



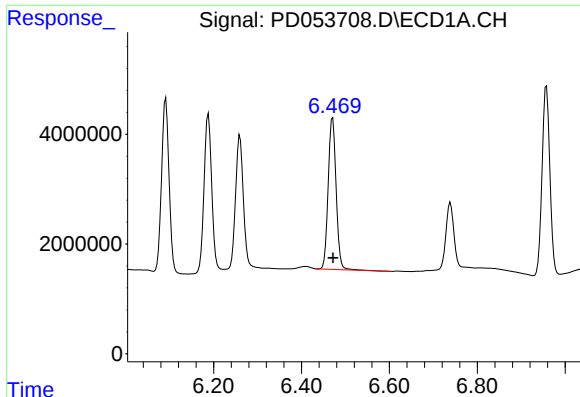
#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 30718862
Conc: 45.23 ng/ml



#18 Endrin aldehyde

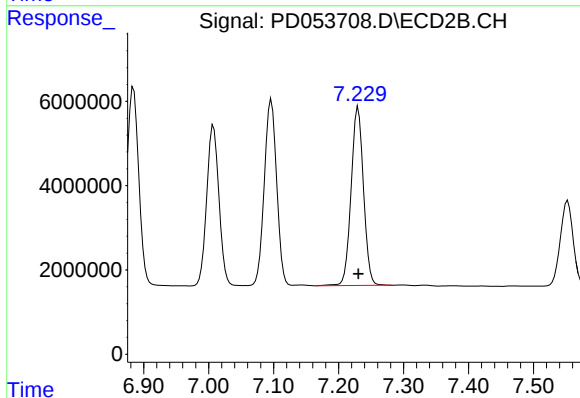
R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 49632595
Conc: 43.60 ng/ml



#19 Endosulfan Sulfate

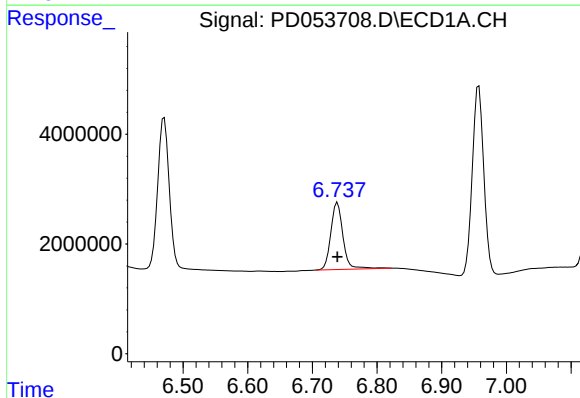
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 34684058
Conc: 46.29 ng/ml

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



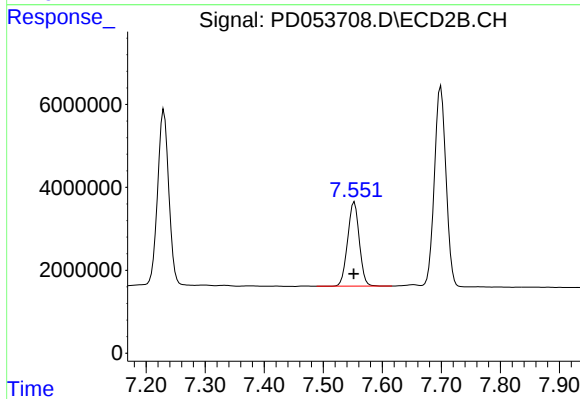
#19 Endosulfan Sulfate

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 56087573
Conc: 45.86 ng/ml



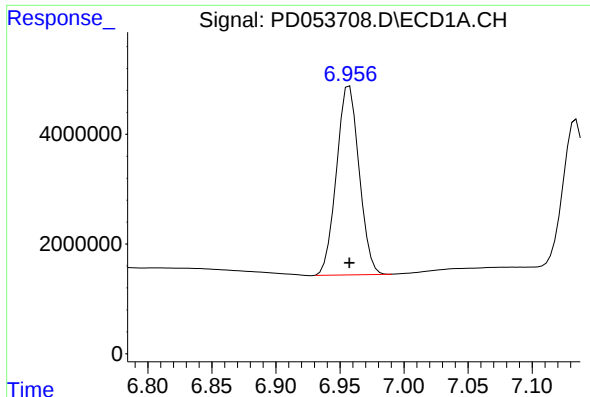
#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 15972396
Conc: 58.80 ng/ml



#20 Methoxychlor

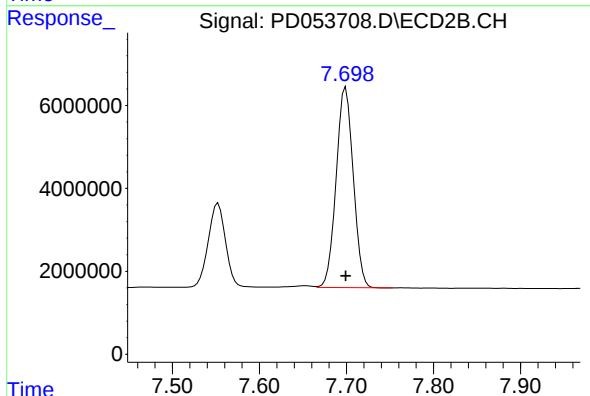
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 27874483
Conc: 54.29 ng/ml



#21 Endrin ketone

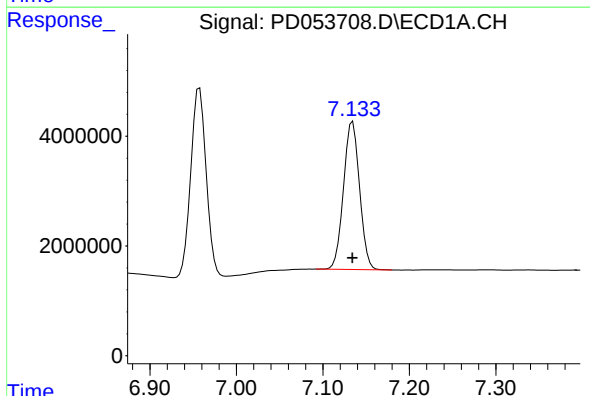
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 42308368
Conc: 50.97 ng/ml

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



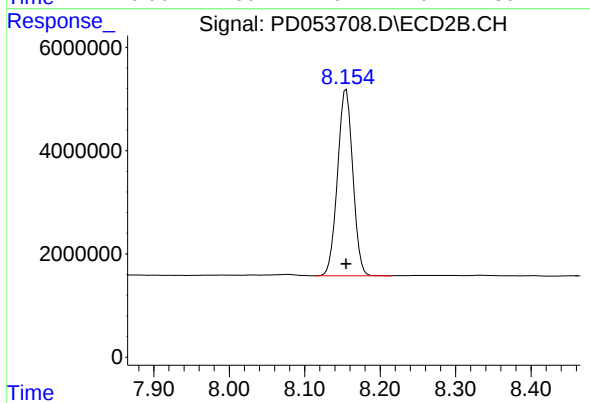
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 65967869
Conc: 48.17 ng/ml



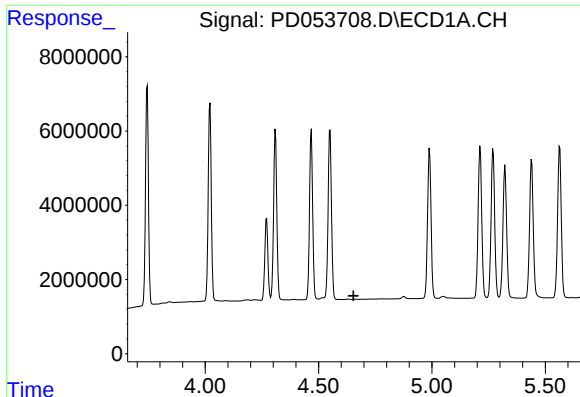
#22 Mirex

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 34511907
Conc: 51.84 ng/ml



#22 Mirex

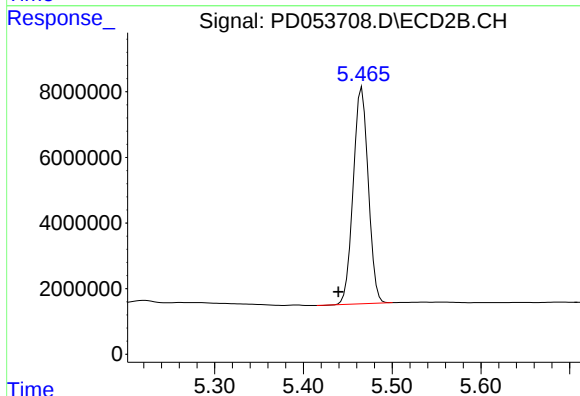
R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 50930106
Conc: 50.00 ng/ml



#24 Chlordane-2

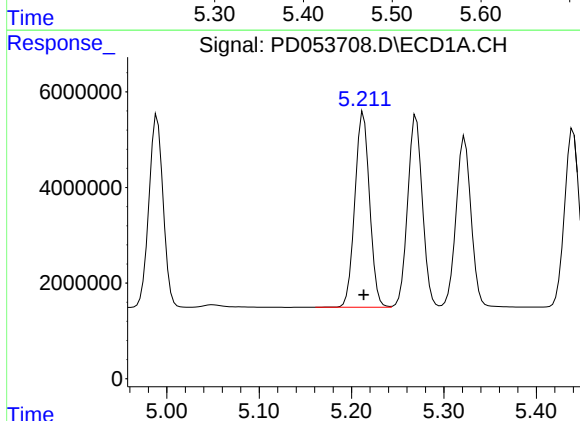
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

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



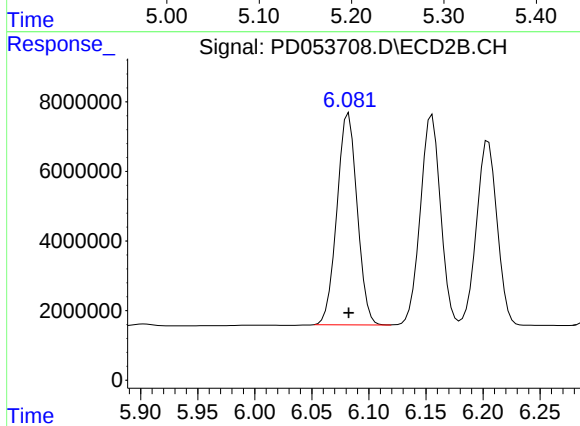
#24 Chlordane-2

R.T.: 5.466 min
Delta R.T.: 0.026 min
Response: 77620662
Conc: 1365.58 ng/ml



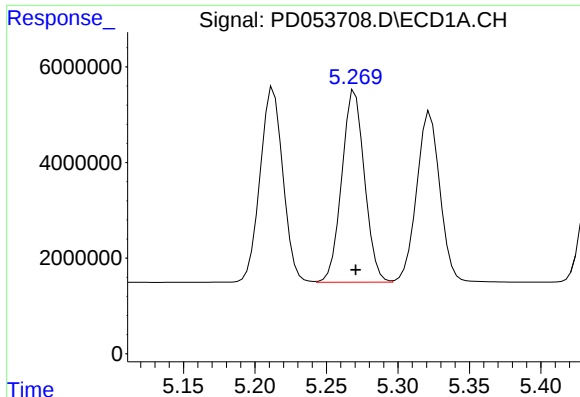
#25 Chlordane-3

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 45218599
Conc: 497.71 ng/ml



#25 Chlordane-3

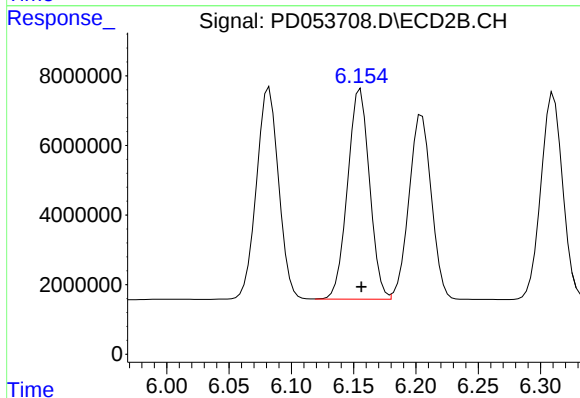
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 75166107
Conc: 378.30 ng/ml



#26 Chlordane-4

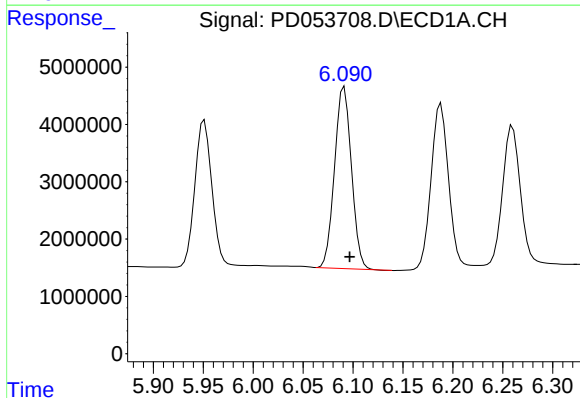
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 44379050
Conc: 521.13 ng/ml

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



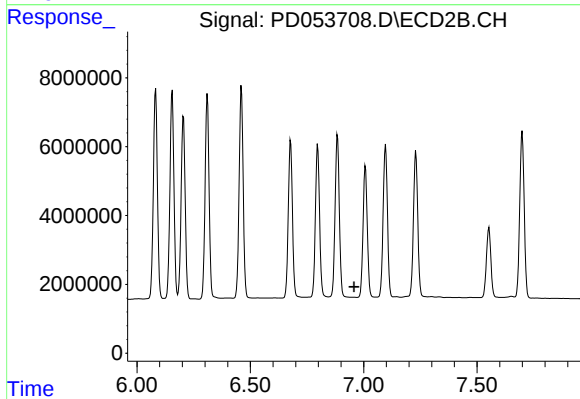
#26 Chlordane-4

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 74492447
Conc: 317.61 ng/ml



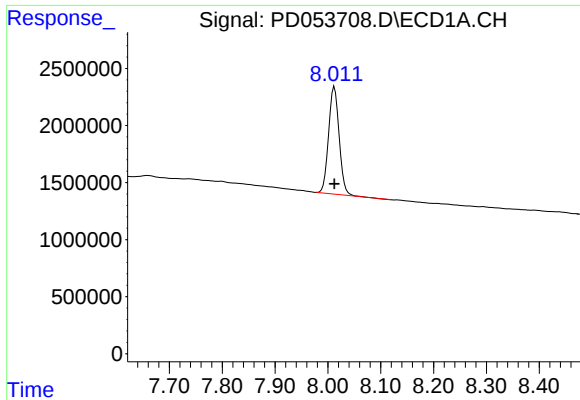
#27 Chlordane-5

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 37322786
Conc: 1307.30 ng/ml



#27 Chlordane-5

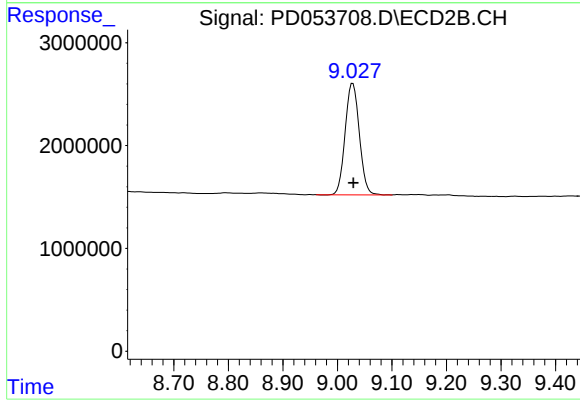
R.T.: 0.000 min
Exp R.T.: 6.958 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 13040217
Conc: 20.06 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: -0.001 min
Response: 19576114
Conc: 19.36 ng/ml