

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032019\
 Data File : PD051908.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Mar 2019 12:40
 Operator : AJ\SJ
 Sample : K1956-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 13:19:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.223	4.043	30404470	615.0E6	22.931	21.444
28)	SA Decachlor...	7.819	9.153	20071745	317.0E6	17.658	17.355
Target Compounds							
2)	A alpha-BHC	3.642	4.435	144.7E6	2403.2E6	65.937	55.082
3)	MA gamma-BHC...	3.910	4.722	136.3E6	2184.8E6	65.247	55.162
4)	MA Heptachlor	4.188	5.235	136.8E6	2085.1E6	63.765	54.370
5)	MB Aldrin	4.419	5.542	132.6E6	1952.2E6	65.153	54.503
6)	B beta-BHC	4.156	4.892	53932021	928.7E6	61.253	51.673
7)	B delta-BHC	4.344	5.111	132.6E6	1916.3E6	65.414	55.762
8)	B Heptachlo...	4.847	5.929	125.6E6	1691.4E6	63.908	52.748
9)	A Endosulfan I	5.167	6.288	117.5E6	1609.5E6	63.428	54.292
10)	B gamma-Chl...	5.063	6.165	128.7E6	1774.9E6	63.523	55.501
11)	B alpha-Chl...	5.119	6.238	126.5E6	1708.4E6	62.922	53.904
12)	B 4,4'-DDE	5.289	6.394	119.4E6	1645.2E6	63.713	53.192
13)	MA Dieldrin	5.403	6.546	128.2E6	1675.5E6	63.772	54.303
14)	MA Endrin	5.650	6.765	110.0E6	1321.0E6	57.440	50.589
15)	B Endosulfa...	5.920	6.974	110.7E6	1397.6E6	61.441	54.255
16)	A 4,4'-DDD	5.790	6.886	98252250	1311.6E6	62.405	53.402
17)	MA 4,4'-DDT	6.021	7.186	92266022	1111.8E6	57.750	54.883
18)	B Endrin al...	6.086	7.099	90367502	1172.2E6	61.093	54.671
19)	B Endosulfa...	6.294	7.323	95141238	1215.7E6	57.545	51.862
20)	A Methoxychlor	6.567	7.644	45911643	563.1E6	51.698	51.155
21)	B Endrin ke...	6.769	7.797	110.2E6	1241.3E6	59.527	54.944
22)	Mirex	6.938	8.254	71156635	784.5E6	56.565	50.694
23)	Chlordane-1	0.000	5.022f	0	4642667	N.D.	3.032 #
24)	Chlordane-2	0.000	5.542f	0	1952.2E6	N.D.	1376.713 #
25)	Chlordane-3	5.063	6.165	128.7E6	1774.9E6	553.068	398.569 #
26)	Chlordane-4	5.119	6.238	126.5E6	1708.4E6	565.546	326.219 #
27)	Chlordane-5	5.920	0.000	110.7E6	0	1541.565	N.D. #

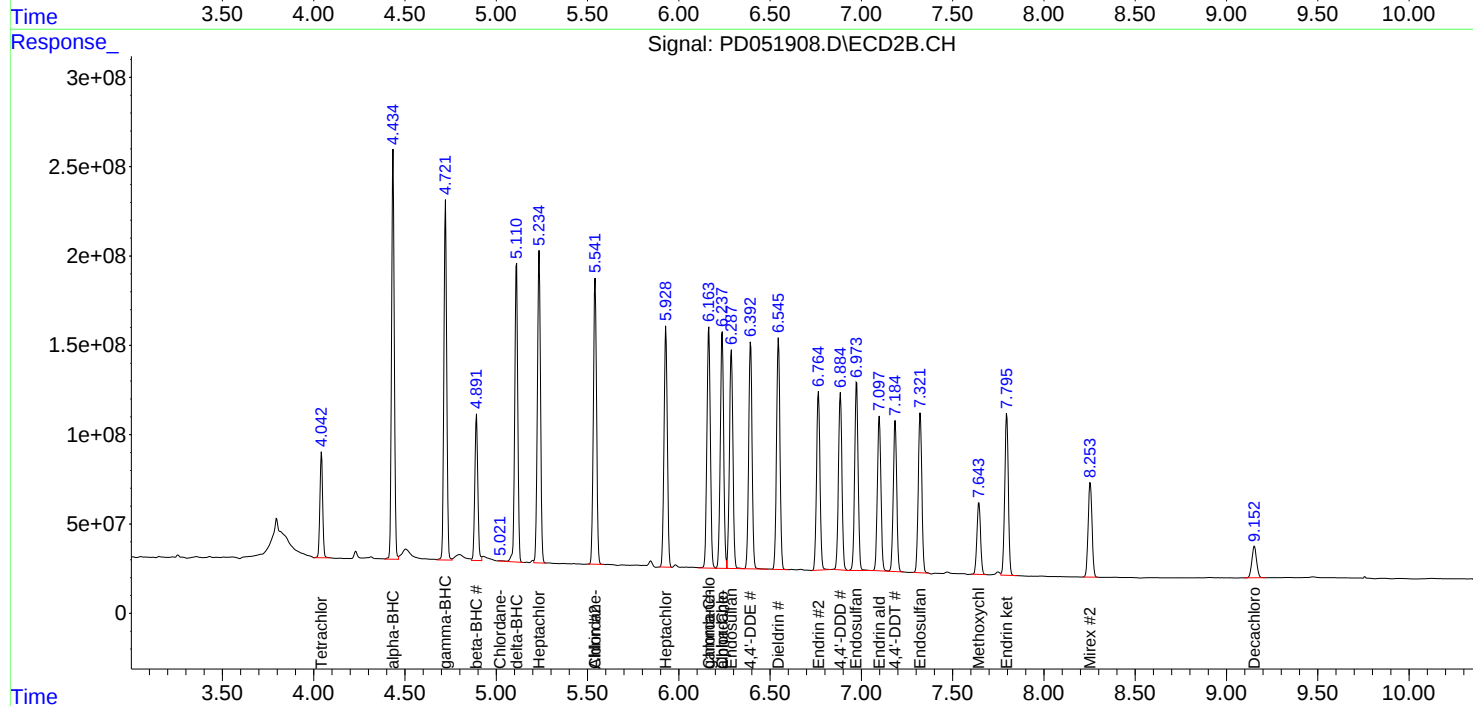
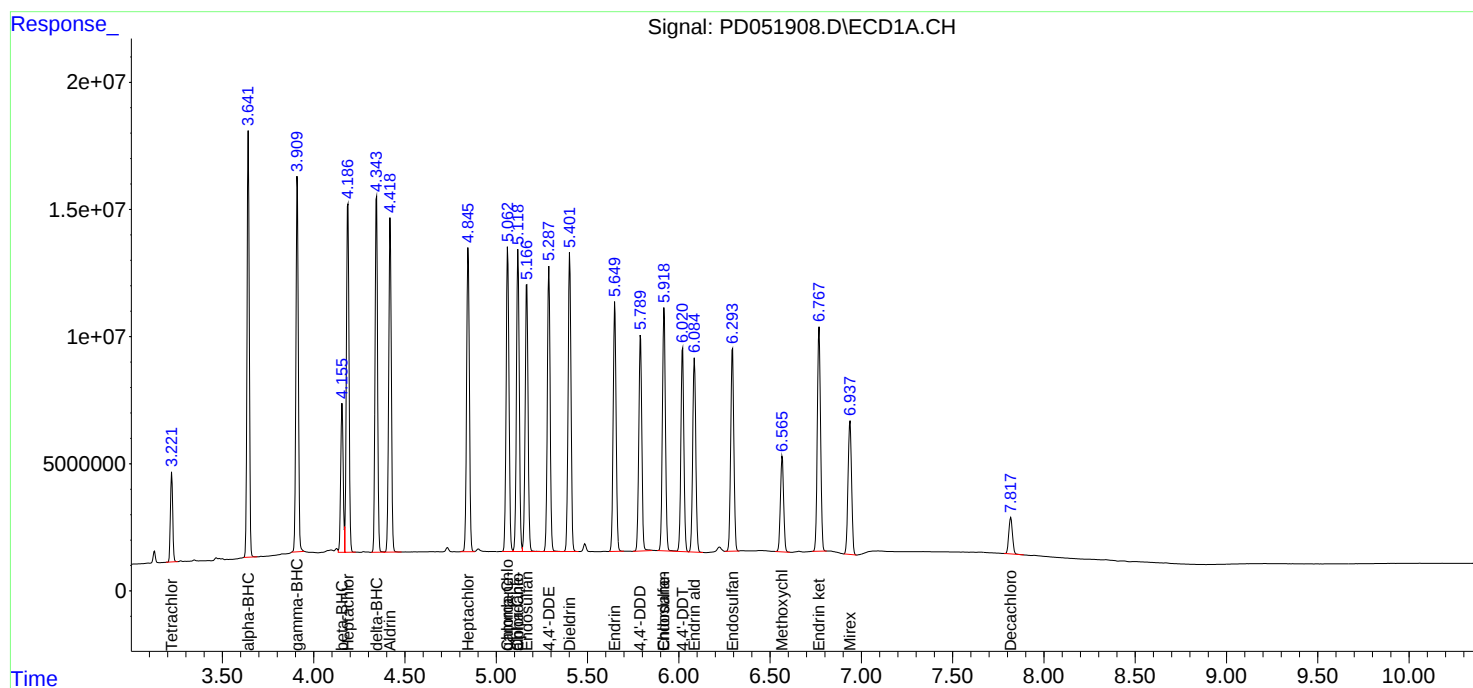
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

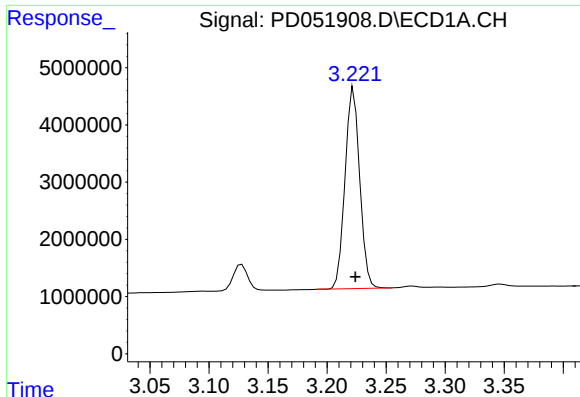
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032019\
Data File : PD051908.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Mar 2019 12:40
Operator : AJ\SJ
Sample : K1956-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 13:19:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032019.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 2019
Response via : Initial Calibration
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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

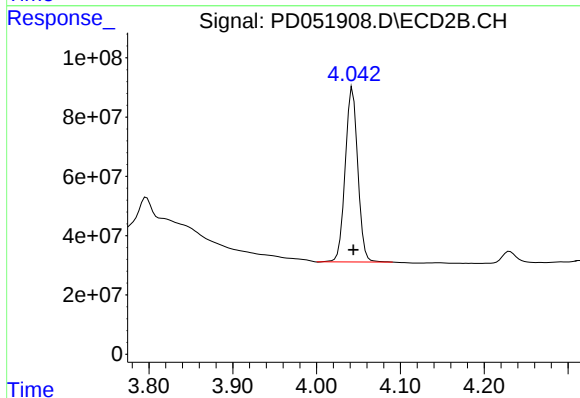




#1 Tetrachloro-m-xylene

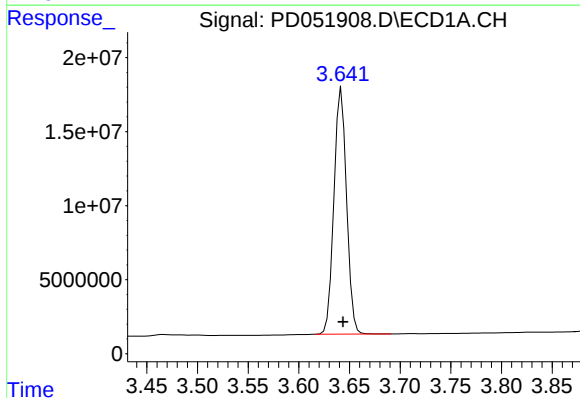
R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 30404470
Conc: 22.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



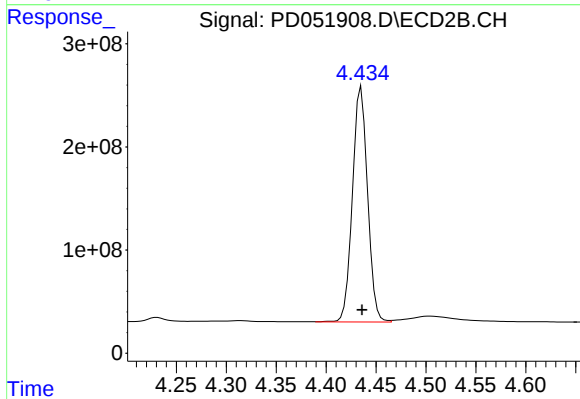
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 614964808
Conc: 21.44 ng/ml



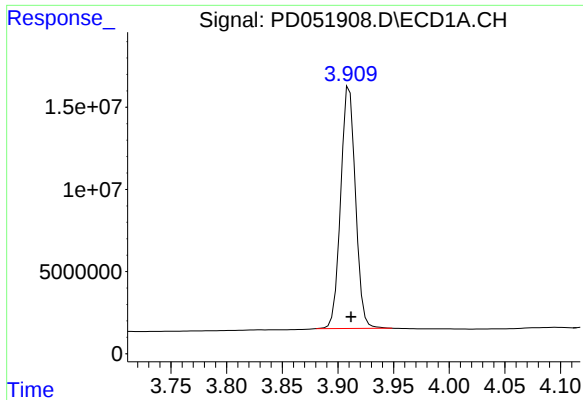
#2 alpha-BHC

R.T.: 3.642 min
Delta R.T.: -0.002 min
Response: 144743274
Conc: 65.94 ng/ml



#2 alpha-BHC

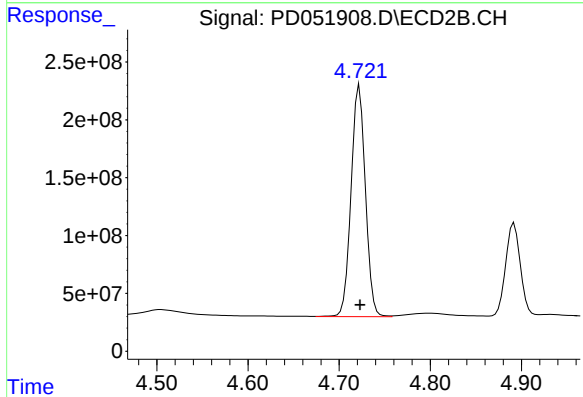
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 2403242382
Conc: 55.08 ng/ml



#3 gamma-BHC (Lindane)

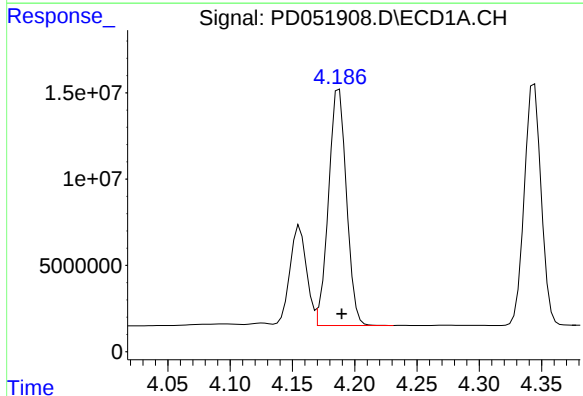
R.T.: 3.910 min
Delta R.T.: -0.002 min
Response: 136319884
Conc: 65.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



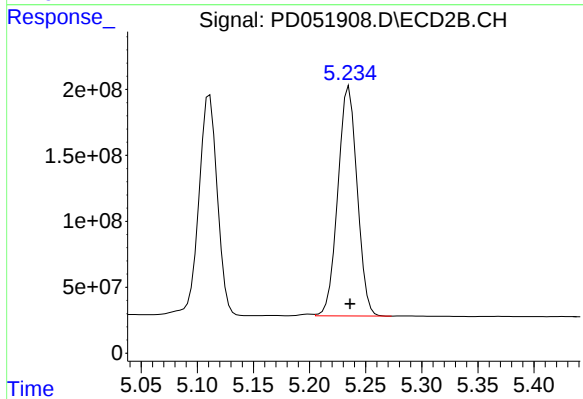
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 2184816852
Conc: 55.16 ng/ml



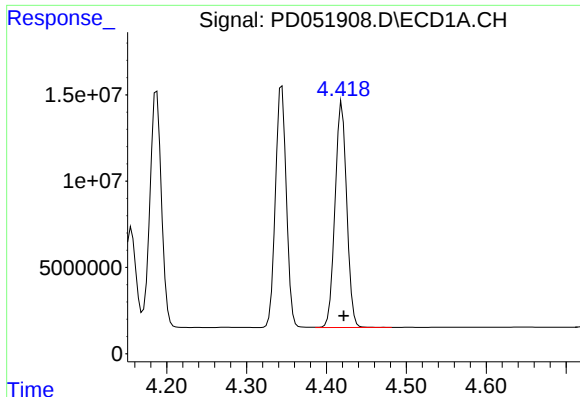
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 136801690
Conc: 63.77 ng/ml



#4 Heptachlor

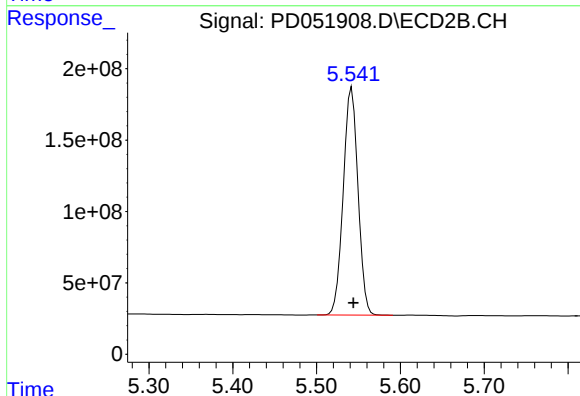
R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2085075814
Conc: 54.37 ng/ml



#5 Aldrin

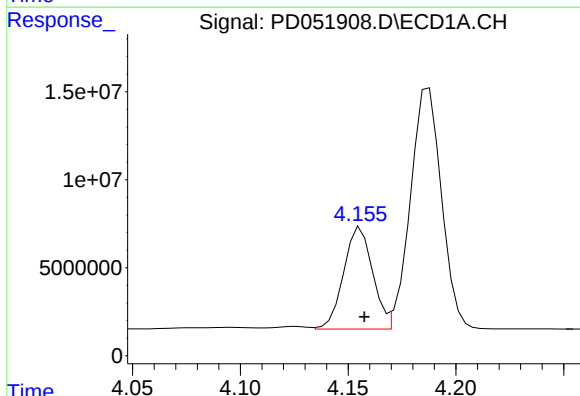
R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 132628831
Conc: 65.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



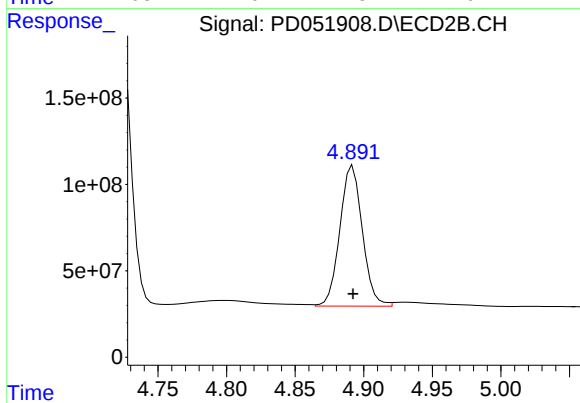
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 1952166818
Conc: 54.50 ng/ml



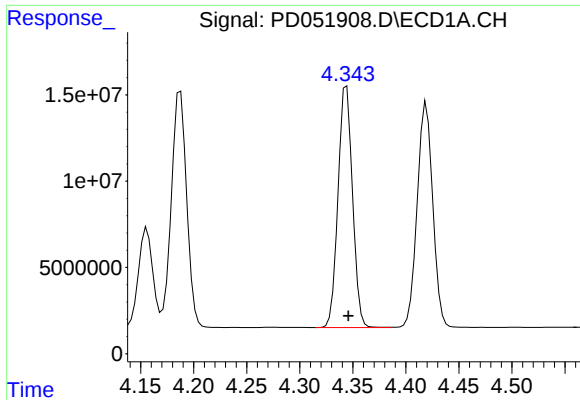
#6 beta-BHC

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 53932021
Conc: 61.25 ng/ml



#6 beta-BHC

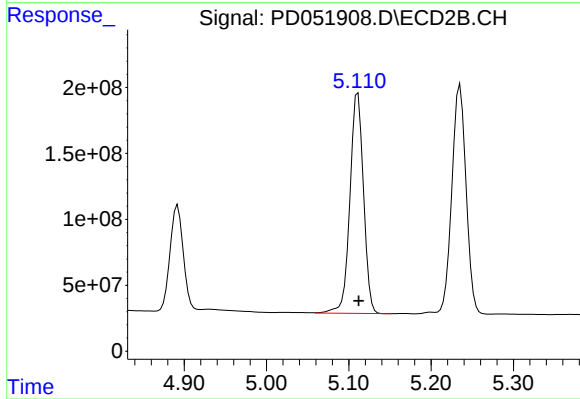
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 928743835
Conc: 51.67 ng/ml



#7 delta-BHC

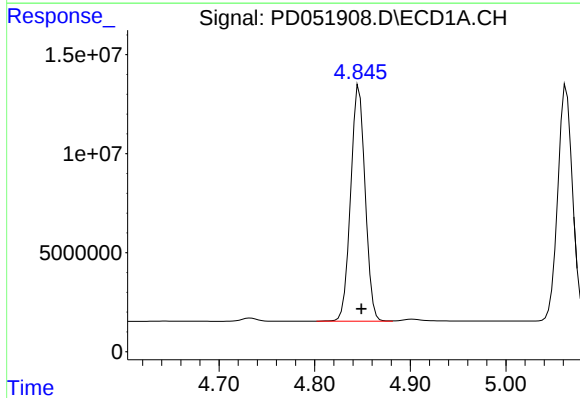
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 132647515
Conc: 65.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



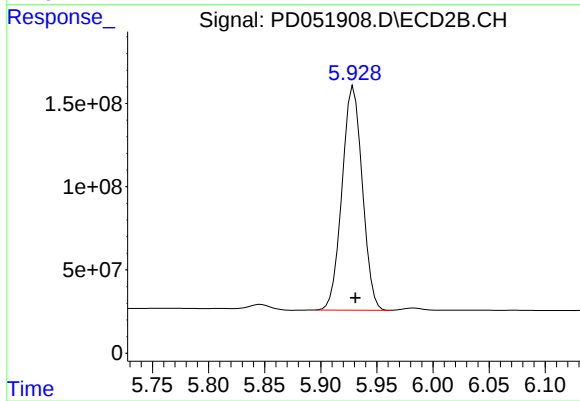
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 1916300935
Conc: 55.76 ng/ml



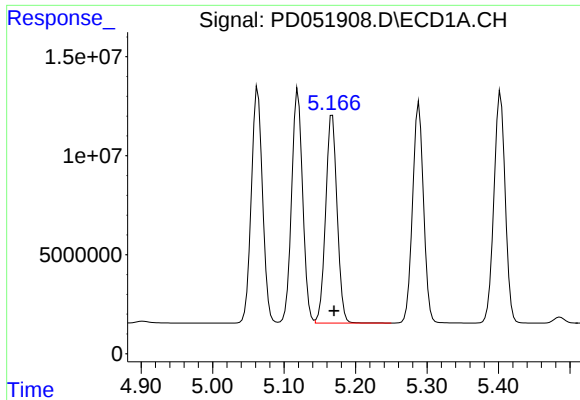
#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 125643840
Conc: 63.91 ng/ml



#8 Heptachlor epoxide

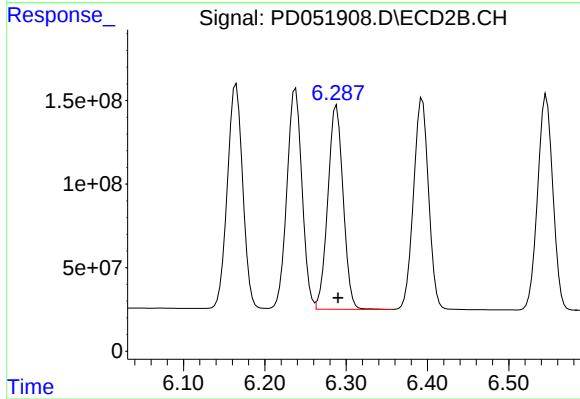
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 1691388266
Conc: 52.75 ng/ml



#9 Endosulfan I

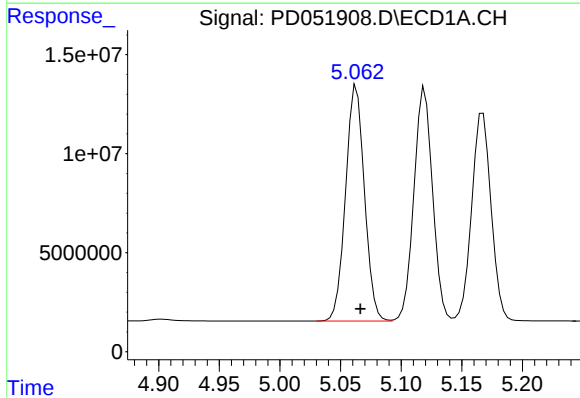
R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 117549359
Conc: 63.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



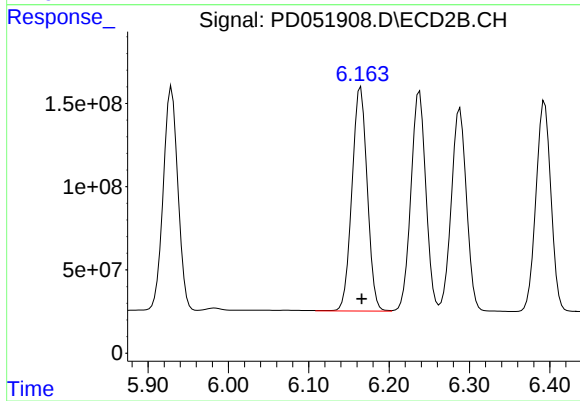
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 1609539904
Conc: 54.29 ng/ml



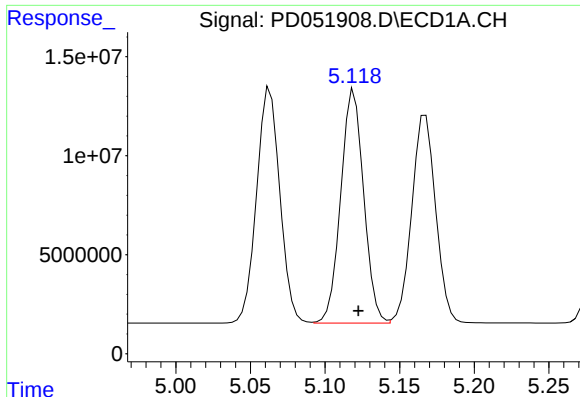
#10 gamma-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 128720864
Conc: 63.52 ng/ml



#10 gamma-Chlordane

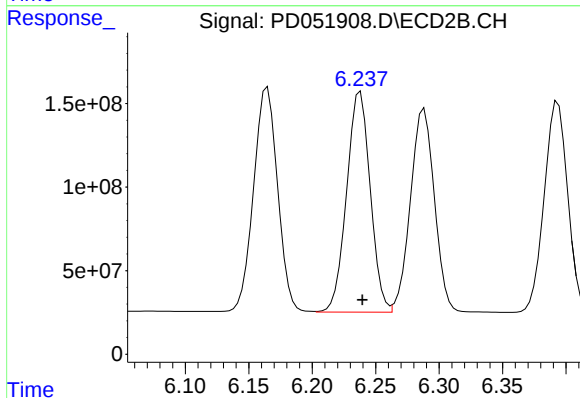
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 1774870808
Conc: 55.50 ng/ml



#11 alpha-Chlordane

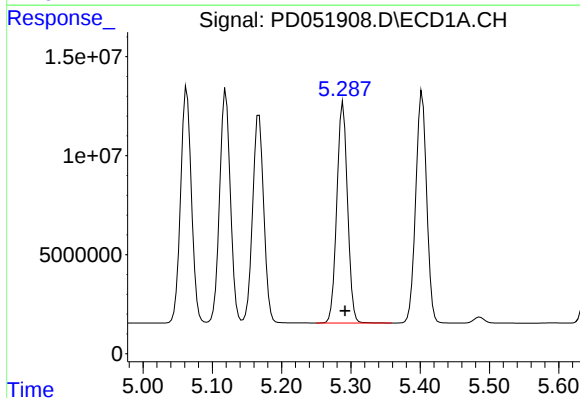
R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 126459930
Conc: 62.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



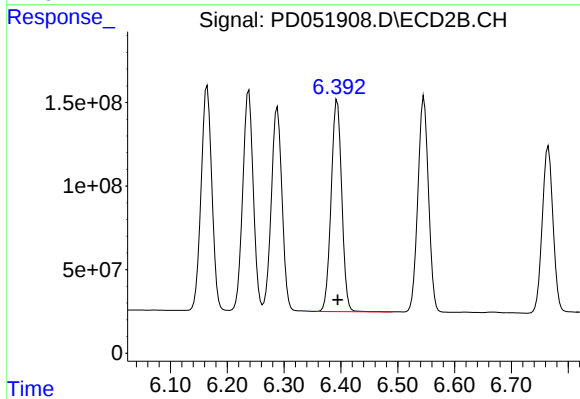
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 1708431800
Conc: 53.90 ng/ml



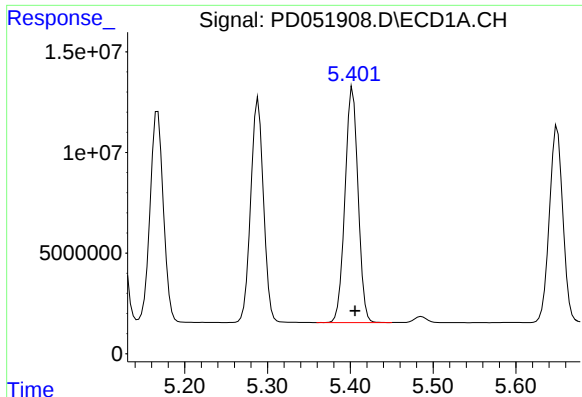
#12 4,4'-DDE

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 119356294
Conc: 63.71 ng/ml



#12 4,4'-DDE

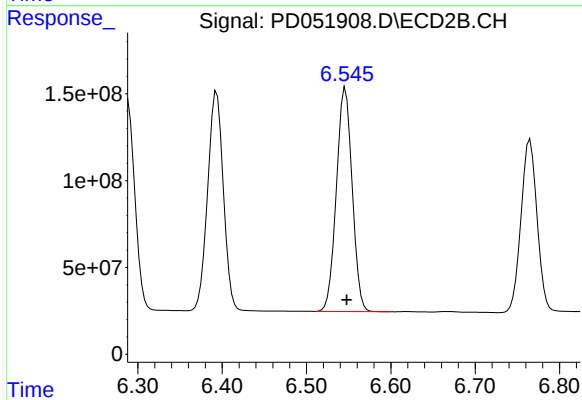
R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 1645206899
Conc: 53.19 ng/ml



#13 Dieldrin

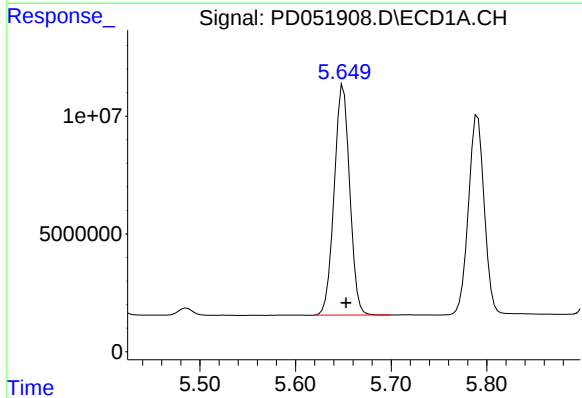
R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 128202211
Conc: 63.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



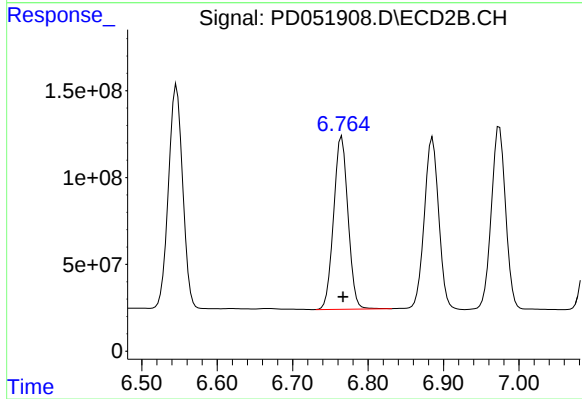
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 1675537152
Conc: 54.30 ng/ml



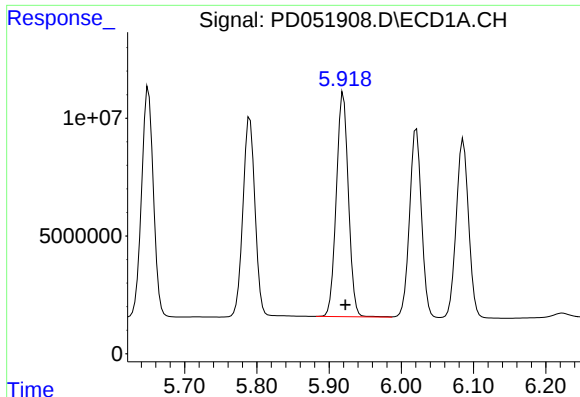
#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.003 min
Response: 110049255
Conc: 57.44 ng/ml



#14 Endrin

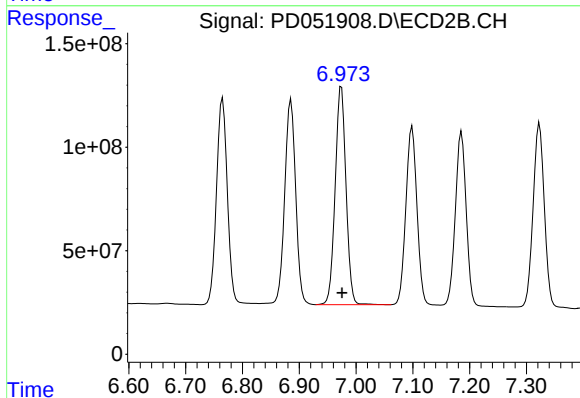
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1320977940
Conc: 50.59 ng/ml



#15 Endosulfan II

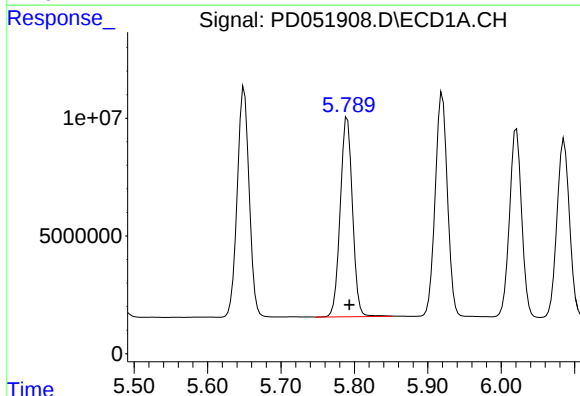
R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 110725497
Conc: 61.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



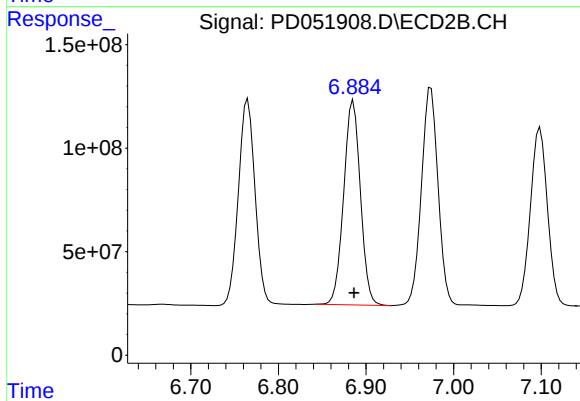
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: -0.001 min
Response: 1397581085
Conc: 54.26 ng/ml



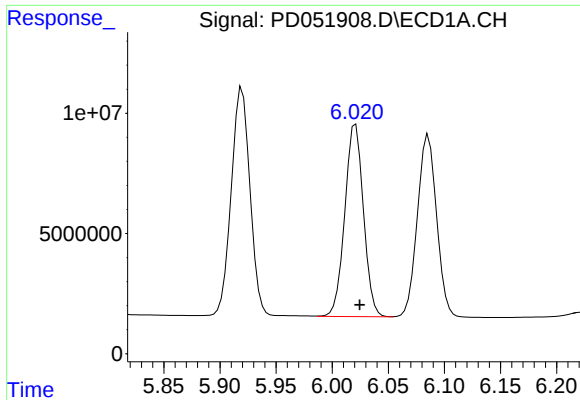
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 98252250
Conc: 62.41 ng/ml



#16 4,4'-DDD

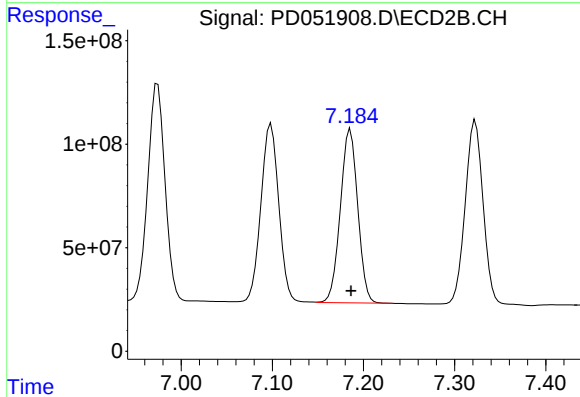
R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 1311636675
Conc: 53.40 ng/ml



#17 4,4'-DDT

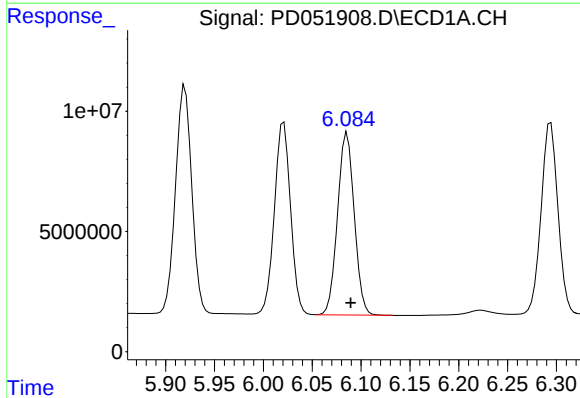
R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 92266022
Conc: 57.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



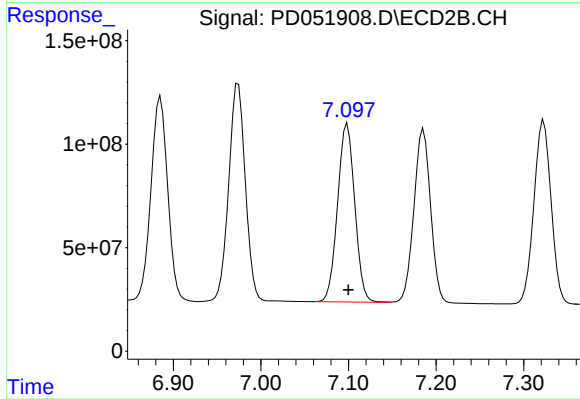
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 1111764018
Conc: 54.88 ng/ml



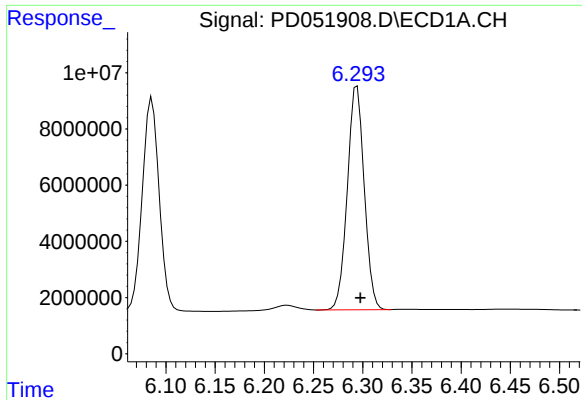
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 90367502
Conc: 61.09 ng/ml



#18 Endrin aldehyde

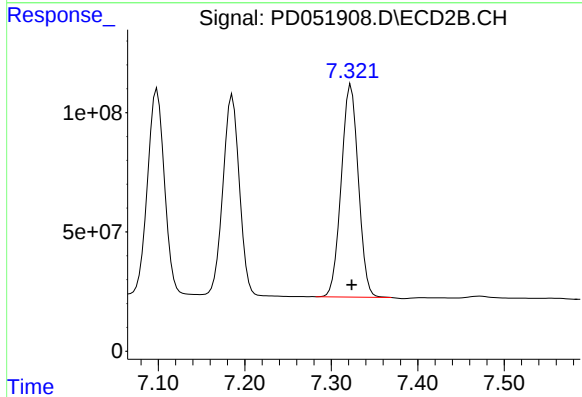
R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 1172175001
Conc: 54.67 ng/ml



#19 Endosulfan Sulfate

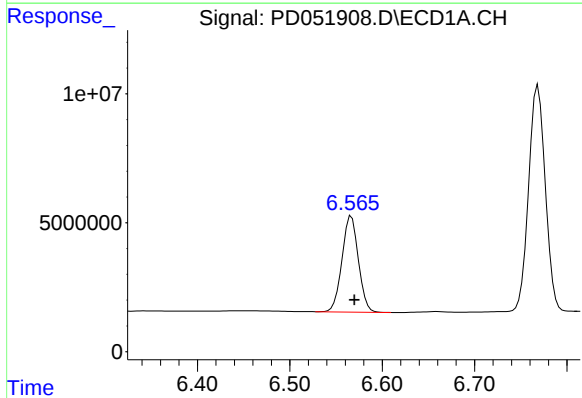
R.T.: 6.294 min
Delta R.T.: -0.003 min
Response: 95141238
Conc: 57.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



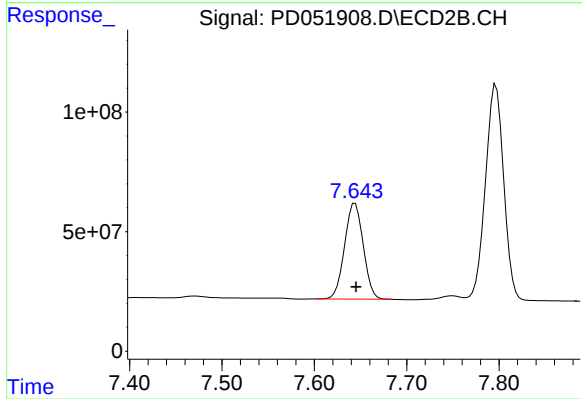
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 1215667861
Conc: 51.86 ng/ml



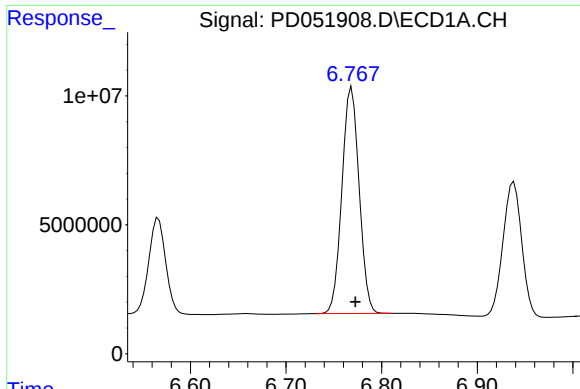
#20 Methoxychlor

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 45911643
Conc: 51.70 ng/ml



#20 Methoxychlor

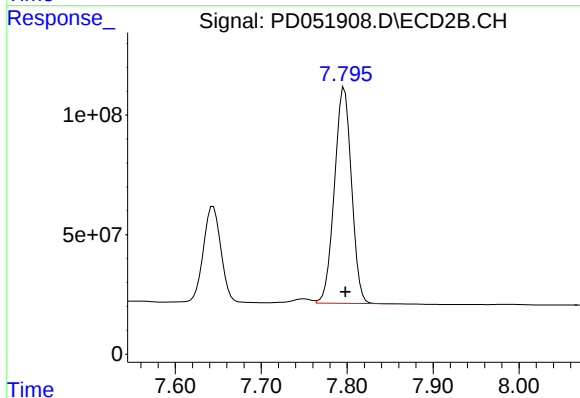
R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 563054655
Conc: 51.15 ng/ml



#21 Endrin ketone

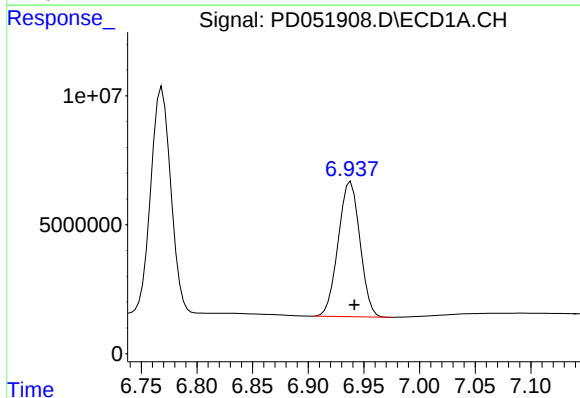
R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 110190846
Conc: 59.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



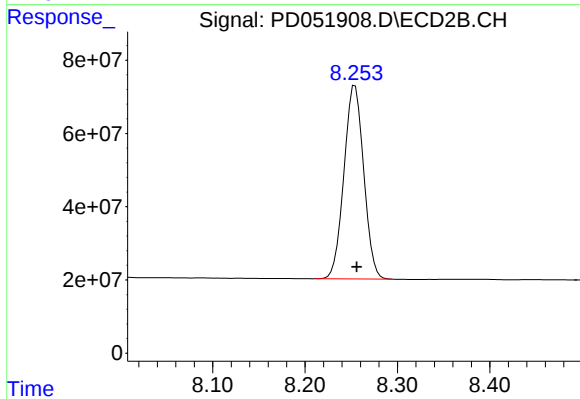
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 1241298120
Conc: 54.94 ng/ml



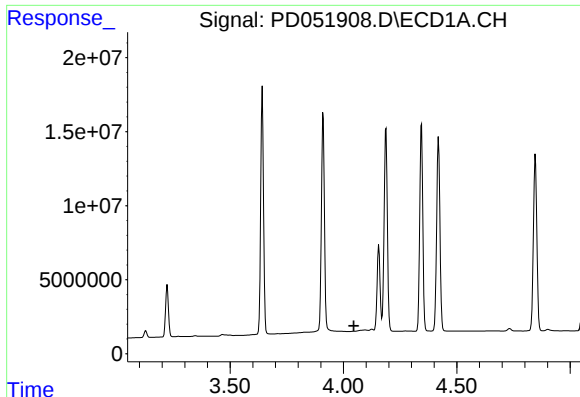
#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 71156635
Conc: 56.57 ng/ml



#22 Mirex

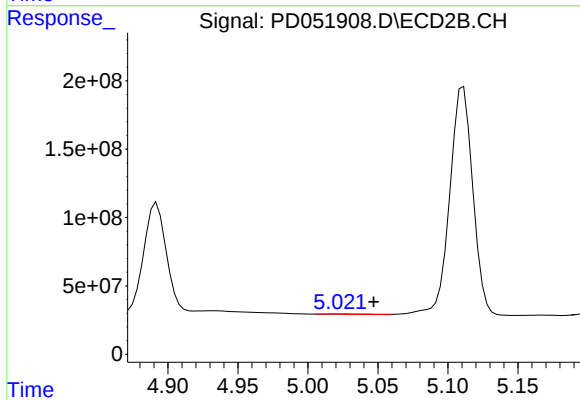
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 784467408
Conc: 50.69 ng/ml



#23 Chlordane-1

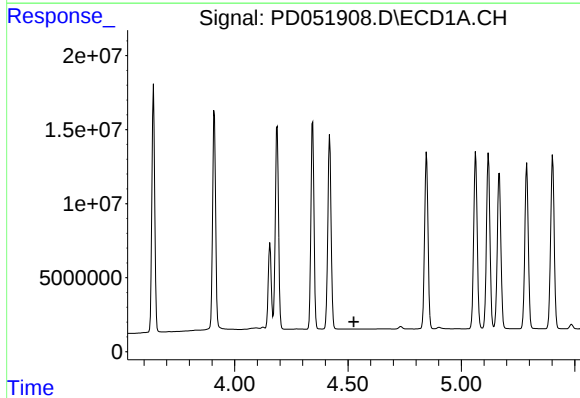
R.T.: 0.000 min
Exp R.T.: 4.046 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



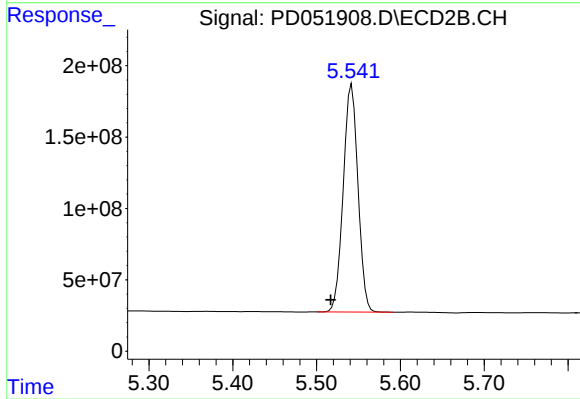
#23 Chlordane-1

R.T.: 5.022 min
Delta R.T.: -0.025 min
Response: 4642667
Conc: 3.03 ng/ml



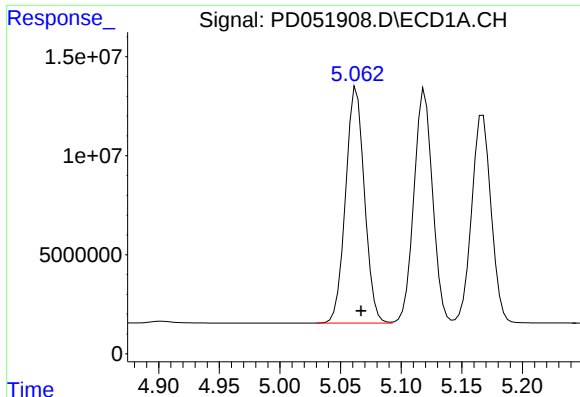
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.



#24 Chlordane-2

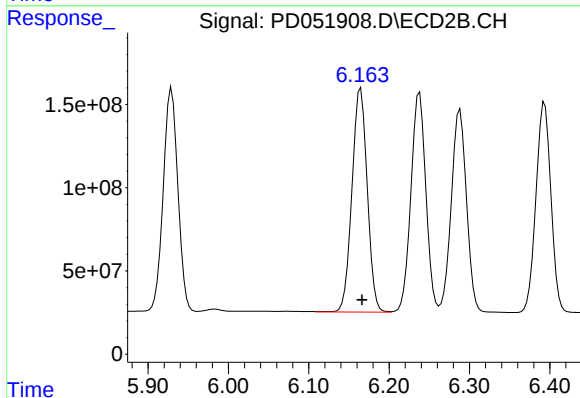
R.T.: 5.542 min
Delta R.T.: 0.025 min
Response: 1952166818
Conc: 1376.71 ng/ml



#25 Chlordane-3

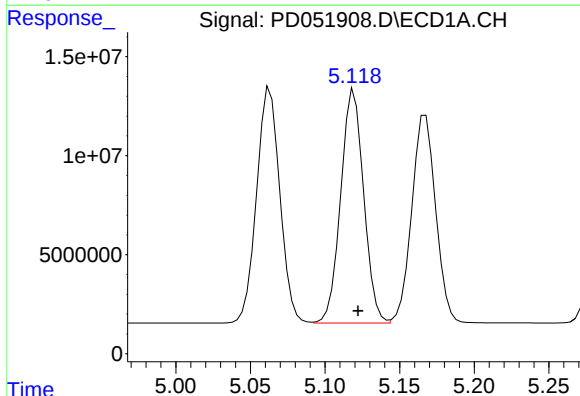
R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 128720864
Conc: 553.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



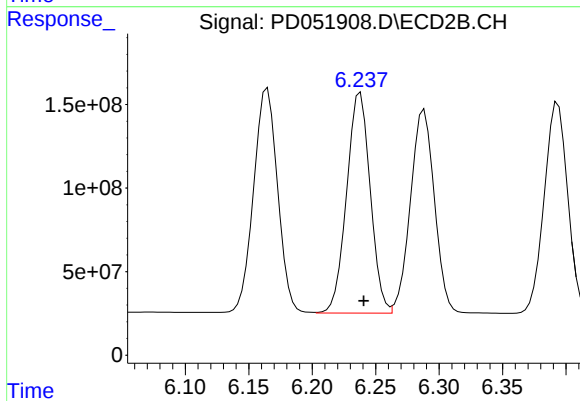
#25 Chlordane-3

R.T.: 6.165 min
Delta R.T.: -0.002 min
Response: 1774870808
Conc: 398.57 ng/ml



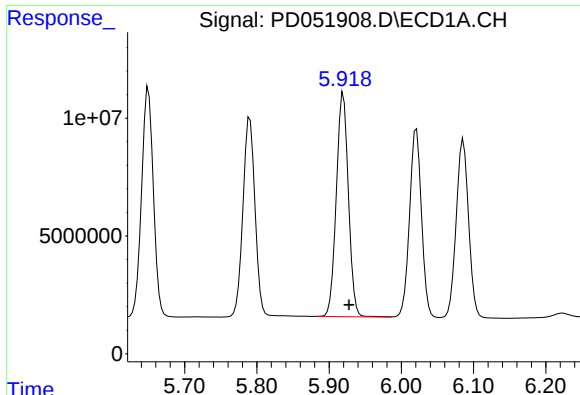
#26 Chlordane-4

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 126459930
Conc: 565.55 ng/ml



#26 Chlordane-4

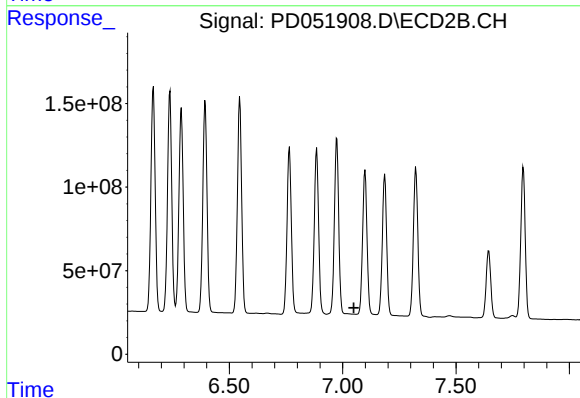
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 1708431800
Conc: 326.22 ng/ml



#27 Chlordane-5

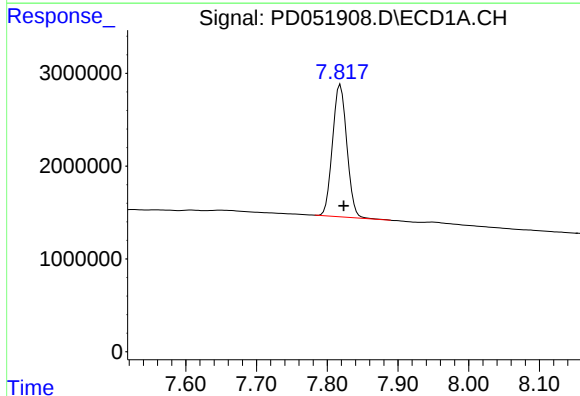
R.T.: 5.920 min
Delta R.T.: -0.008 min
Response: 110725497
Conc: 1541.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



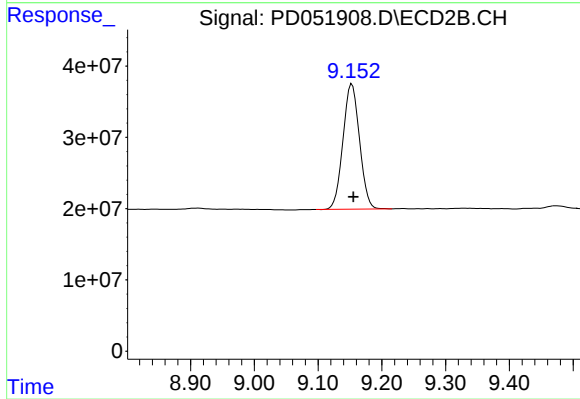
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.049 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: -0.005 min
Response: 20071745
Conc: 17.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: -0.002 min
Response: 317030860
Conc: 17.36 ng/ml