

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
 Data File : PD051133.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2019 14:21
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 02:42:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 22 02:36:55 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...	3.226	4.045	37199256	599.9E6	20.804	20.367
28)	SA Decachlor...	7.828	9.159	34343203	398.4E6	21.791	22.392
Target Compounds							
2)	A alpha-BHC	3.646	4.438	32654716	503.0E6	11.089	11.344
3)	MA gamma-BHC...	3.914	4.725	31961089	462.6E6	11.448	11.557
4)	MA Heptachlor	4.208	5.222	296285	2682545	0.103	0.069 #
5)	MB Aldrin	4.360f	0.000	533327	0	0.191	N.D. #
6)	B beta-BHC	4.160	4.894	12609918	185.7E6	11.405	10.728
7)	B delta-BHC	4.360	5.170f	533327	12730228	0.219	0.409 #
8)	B Heptachlo...	4.904f	5.893f	170279	858.9E6	0.063	25.666 #
9)	A Endosulfan I	5.177	0.000	299104	0	0.115	N.D. #
10)	B gamma-Chl...	5.064	6.177	309546	3920214	0.107	0.115
11)	B alpha-Chl...	5.135	6.177f	392717	3920214	0.140	0.120
12)	B 4,4'-DDE	5.293	6.403	1830934	2187917	0.655	0.067 #
13)	MA Dieldrin	5.425	0.000	12081719	0	4.009	N.D. #
14)	MA Endrin	5.656	6.769	147.3E6	1345.1E6	52.891	50.109
15)	B Endosulfa...	5.949	6.960	4226678	49796005	1.584	1.841
16)	A 4,4'-DDD	5.798	0.000	1637615	0	0.666	N.D. #
17)	MA 4,4'-DDT	6.028	7.189	265.4E6	2392.1E6	107.463	106.293
18)	B Endrin al...	6.095	0.000	1076215	0	0.508	N.D. #
19)	B Endosulfa...	6.302	0.000	5227727	0	2.221	N.D. #
20)	A Methoxychlor	6.574	7.648	302.0E6	2615.2E6	242.723	245.560
21)	B Endrin ke...	6.776	7.793	2464913	16098458	0.919	0.704
23)	Chlordane-1	4.061	0.000	244565	0	2.564	N.D. #
24)	Chlordane-2	4.534	5.452	3785691	10146096	38.834	8.476 #
25)	Chlordane-3	5.064	6.177	309546	3920214	0.968	0.841
26)	Chlordane-4	5.135	6.177	392717	3920214	1.271	0.741 #
27)	Chlordane-5	5.949	7.016	4226678	344297	37.883	0.342 #

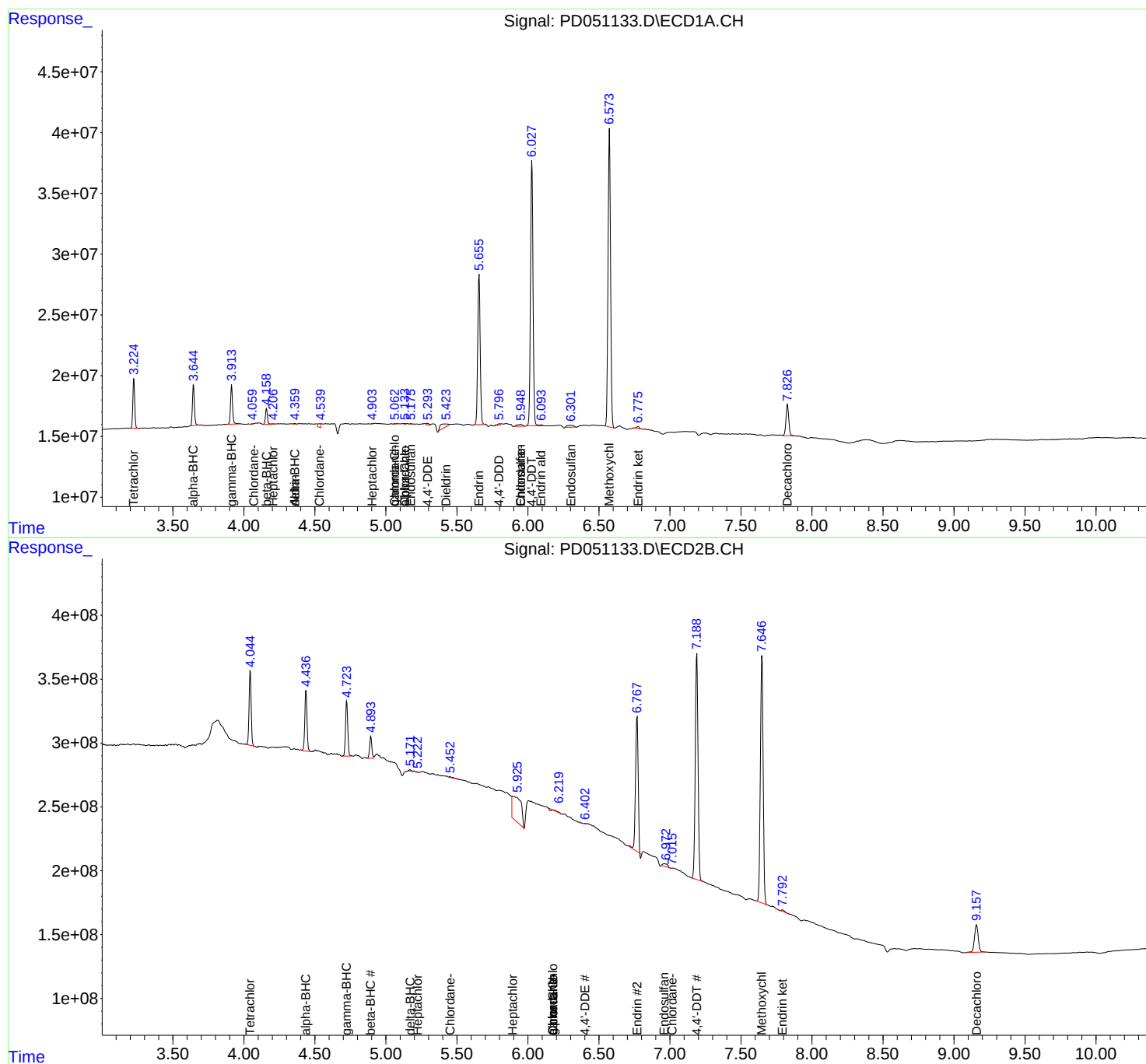
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

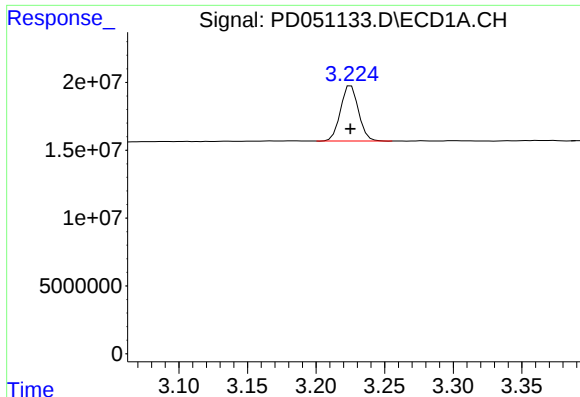
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
Data File : PD051133.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jan 2019 14:21
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 02:42:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
Quant Title : GC Extractables
QLast Update : Tue Jan 22 02:36:55 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

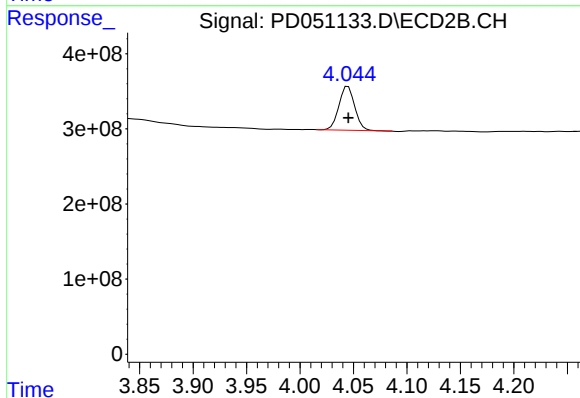




#1 Tetrachloro-m-xylene

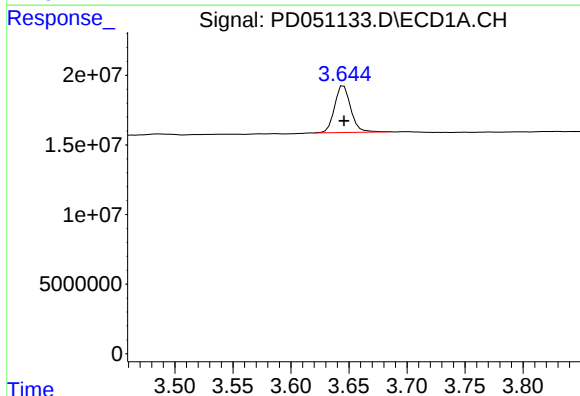
R.T.: 3.226 min
Delta R.T.: 0.000 min
Response: 37199256
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



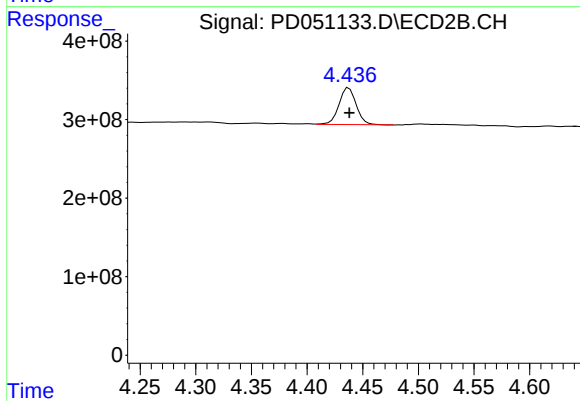
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 599852891
Conc: 20.37 ng/ml



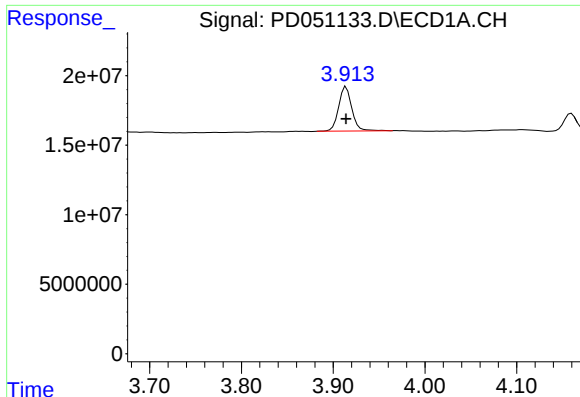
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 32654716
Conc: 11.09 ng/ml



#2 alpha-BHC

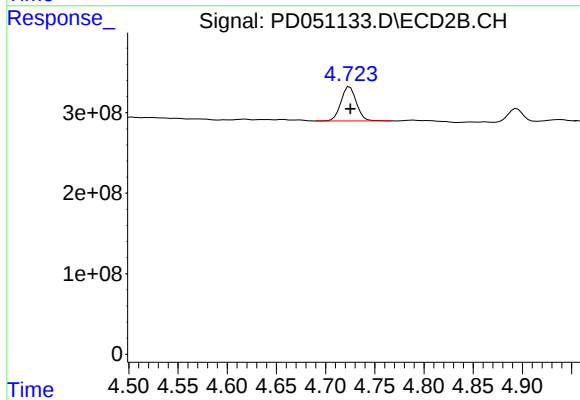
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 503020846
Conc: 11.34 ng/ml



#3 gamma-BHC (Lindane)

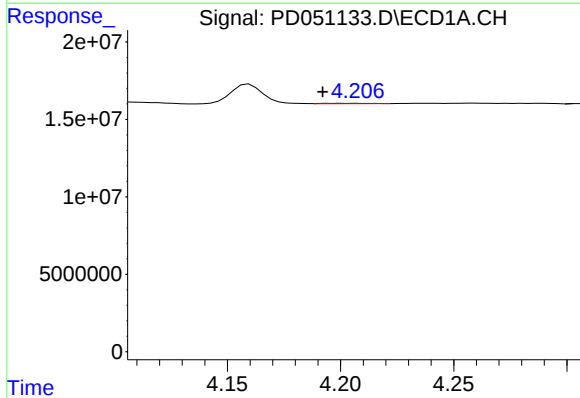
R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 31961089
Conc: 11.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



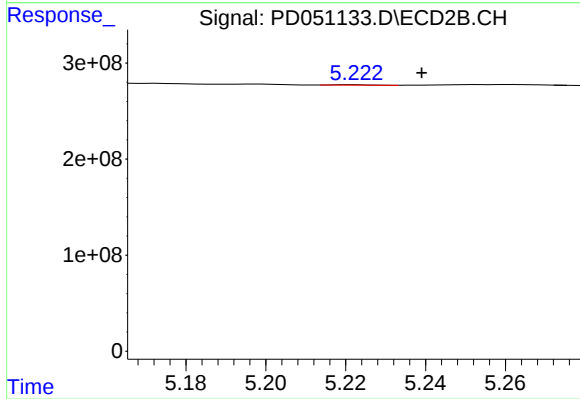
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 462598664
Conc: 11.56 ng/ml



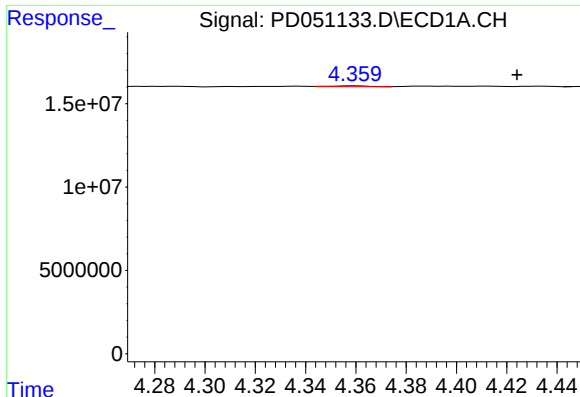
#4 Heptachlor

R.T.: 4.208 min
Delta R.T.: 0.016 min
Response: 296285
Conc: 0.10 ng/ml



#4 Heptachlor

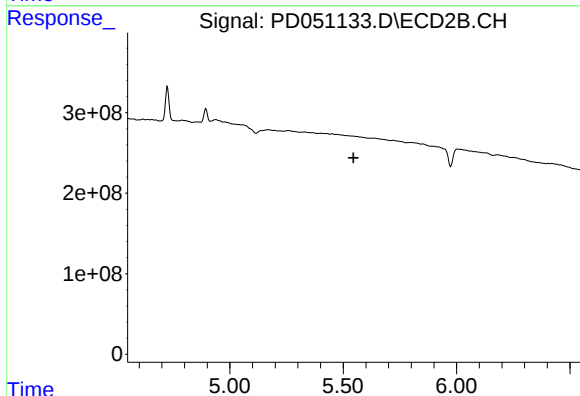
R.T.: 5.222 min
Delta R.T.: -0.017 min
Response: 2682545
Conc: 0.07 ng/ml



#5 Aldrin

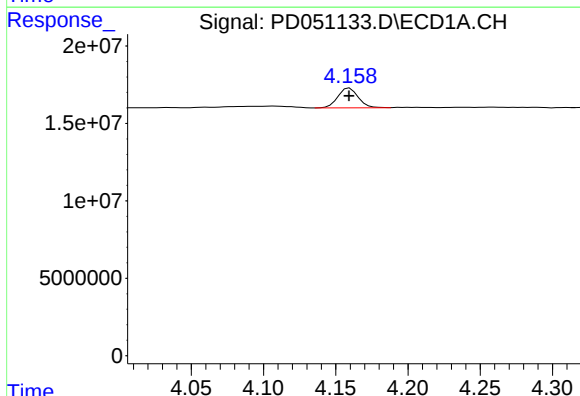
R.T.: 4.360 min
Delta R.T.: -0.064 min
Response: 533327
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



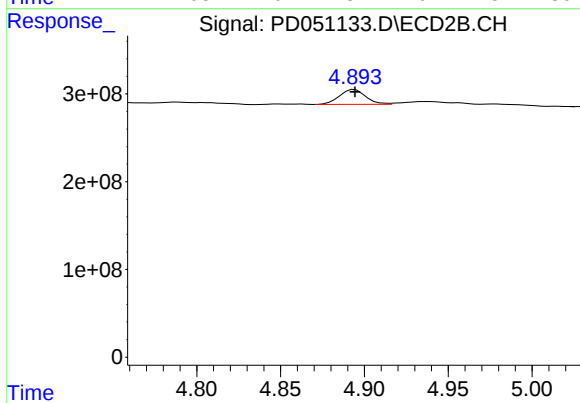
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.546 min
Response: 0
Conc: N.D.



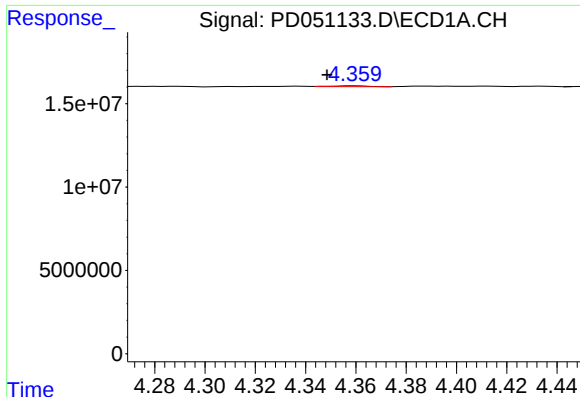
#6 beta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 12609918
Conc: 11.40 ng/ml



#6 beta-BHC

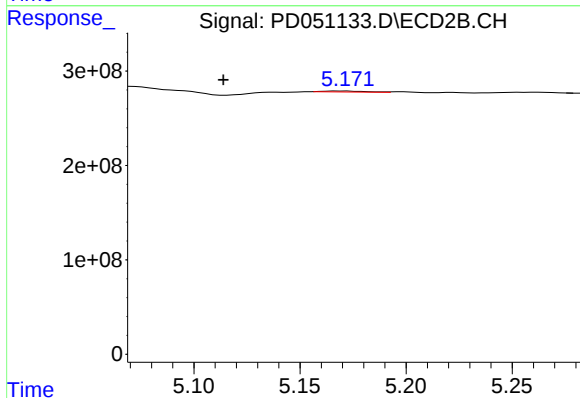
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 185674048
Conc: 10.73 ng/ml



#7 delta-BHC

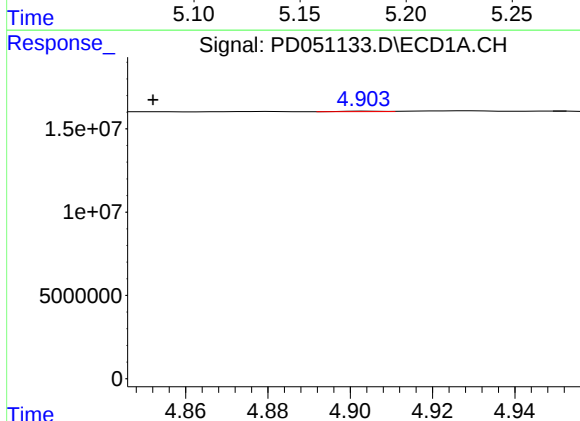
R.T.: 4.360 min
Delta R.T.: 0.011 min
Response: 533327
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



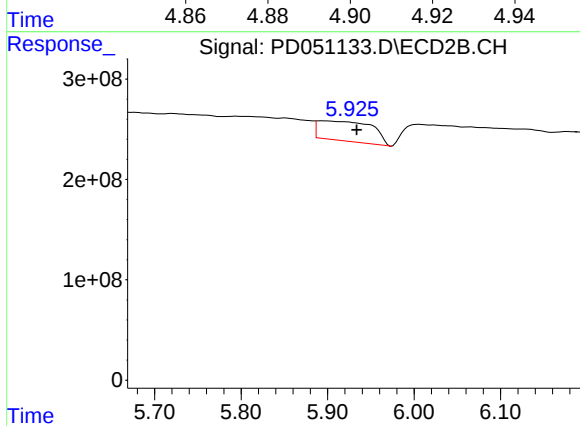
#7 delta-BHC

R.T.: 5.170 min
Delta R.T.: 0.056 min
Response: 12730228
Conc: 0.41 ng/ml



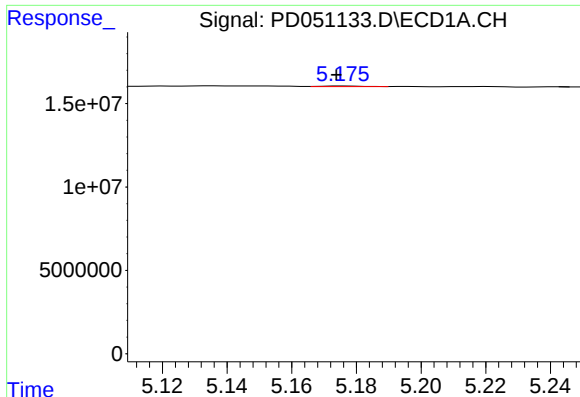
#8 Heptachlor epoxide

R.T.: 4.904 min
Delta R.T.: 0.052 min
Response: 170279
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

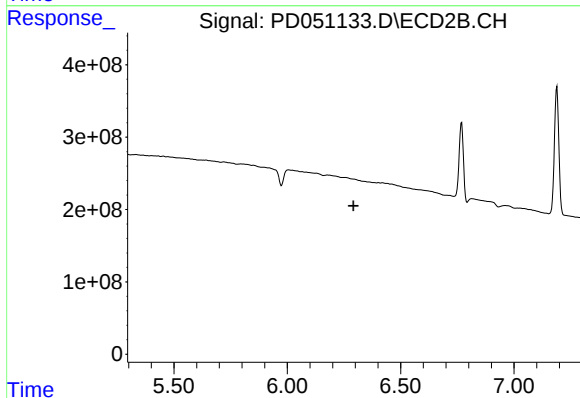
R.T.: 5.893 min
Delta R.T.: -0.040 min
Response: 858905521
Conc: 25.67 ng/ml



#9 Endosulfan I

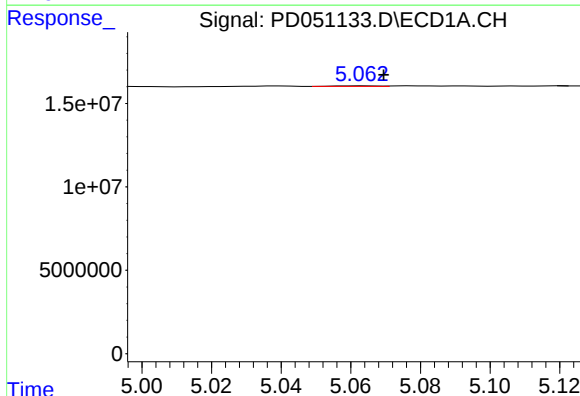
R.T.: 5.177 min
Delta R.T.: 0.003 min
Response: 299104
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



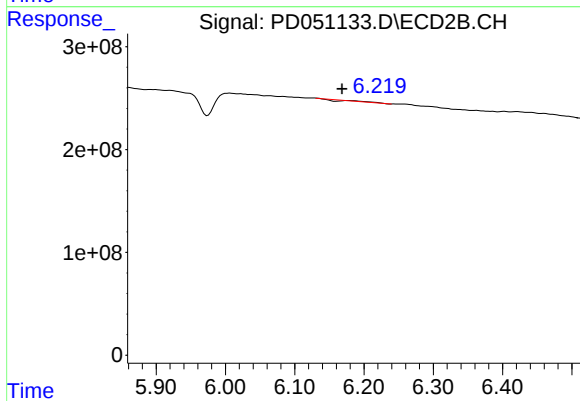
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.292 min
Response: 0
Conc: N.D.



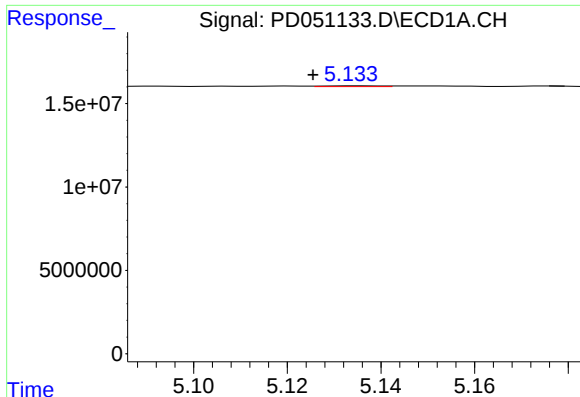
#10 gamma-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 309546
Conc: 0.11 ng/ml



#10 gamma-Chlordane

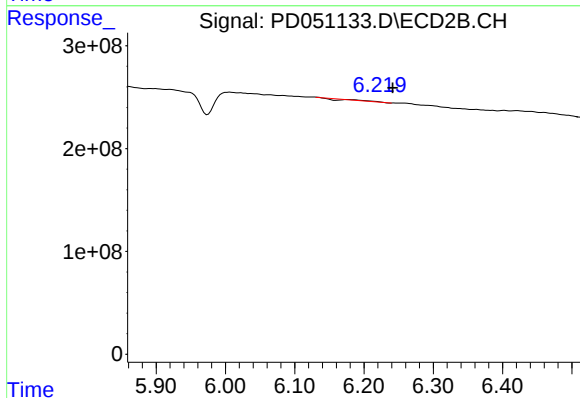
R.T.: 6.177 min
Delta R.T.: 0.009 min
Response: 3920214
Conc: 0.11 ng/ml



#11 alpha-Chlordane

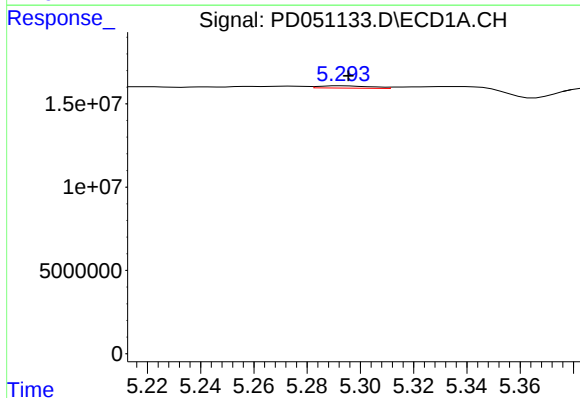
R.T.: 5.135 min
Delta R.T.: 0.009 min
Response: 392717
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



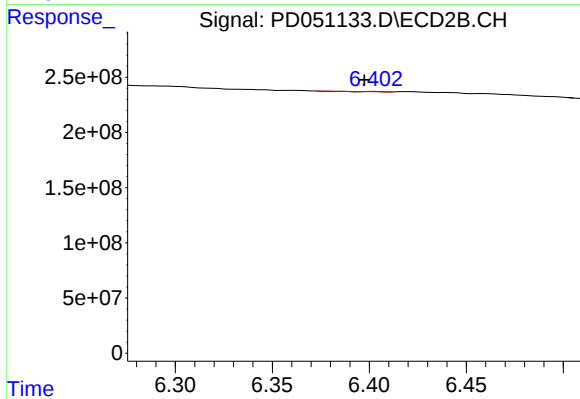
#11 alpha-Chlordane

R.T.: 6.177 min
Delta R.T.: -0.064 min
Response: 3920214
Conc: 0.12 ng/ml



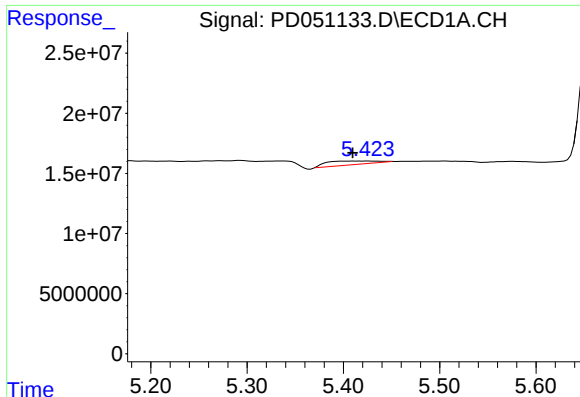
#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 1830934
Conc: 0.65 ng/ml



#12 4,4'-DDE

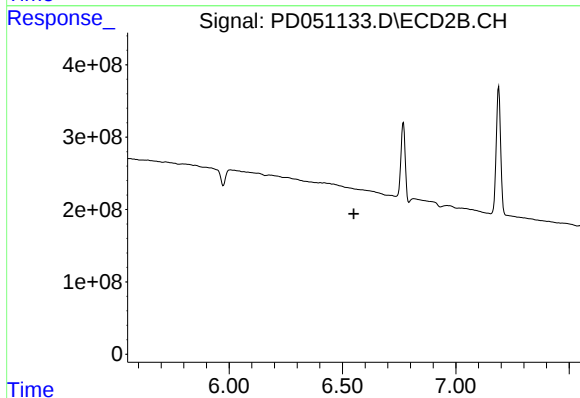
R.T.: 6.403 min
Delta R.T.: 0.005 min
Response: 2187917
Conc: 0.07 ng/ml



#13 Dieldrin

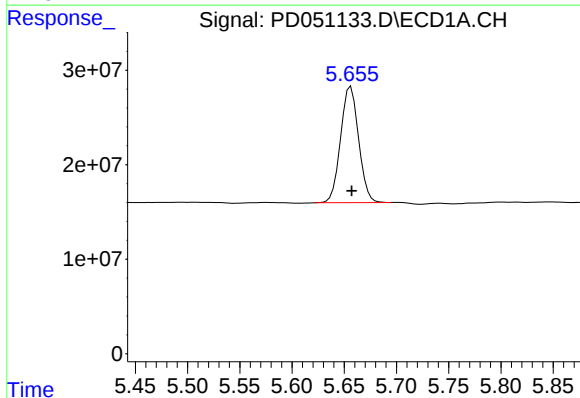
R.T.: 5.425 min
Delta R.T.: 0.015 min
Response: 12081719
Conc: 4.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



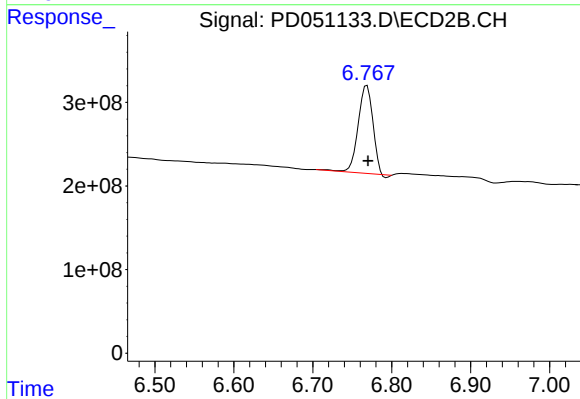
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.551 min
Response: 0
Conc: N.D.



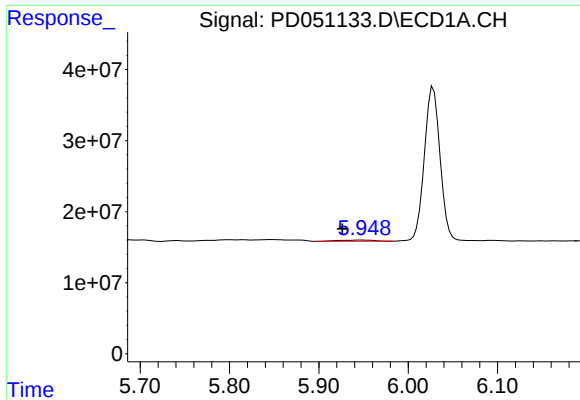
#14 Endrin

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 147267095
Conc: 52.89 ng/ml



#14 Endrin

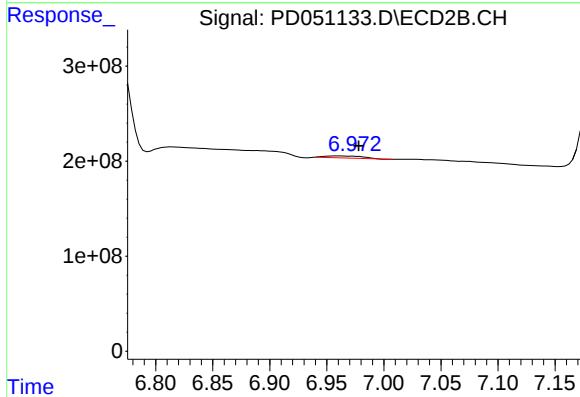
R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 1345072114
Conc: 50.11 ng/ml



#15 Endosulfan II

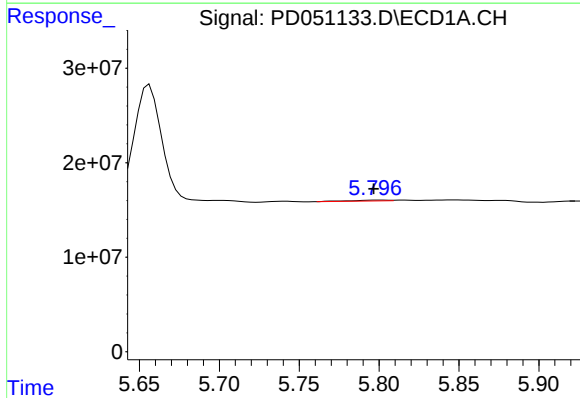
R.T.: 5.949 min
Delta R.T.: 0.022 min
Response: 4226678
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



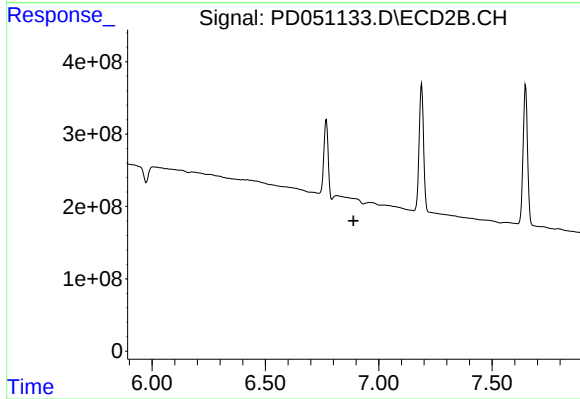
#15 Endosulfan II

R.T.: 6.960 min
Delta R.T.: -0.018 min
Response: 49796005
Conc: 1.84 ng/ml



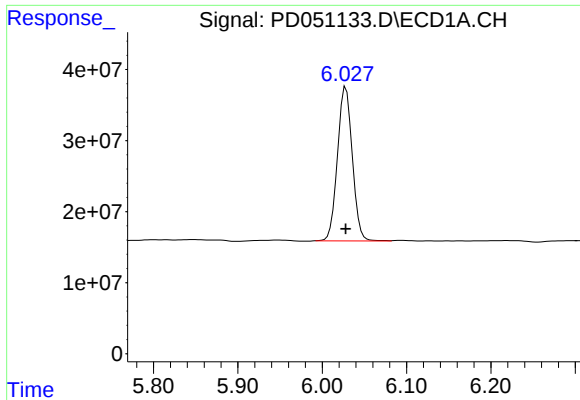
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 1637615
Conc: 0.67 ng/ml



#16 4,4'-DDD

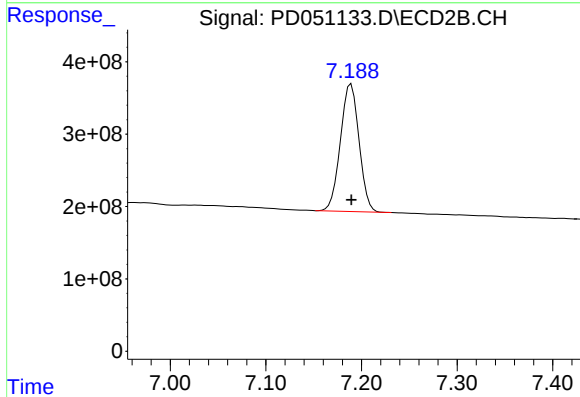
R.T.: 0.000 min
Exp R.T.: 6.889 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

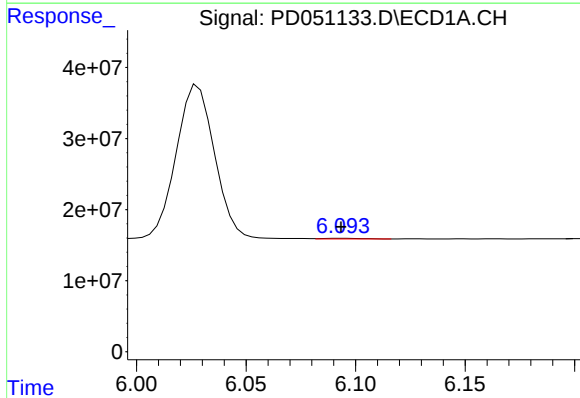
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 265413028
Conc: 107.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



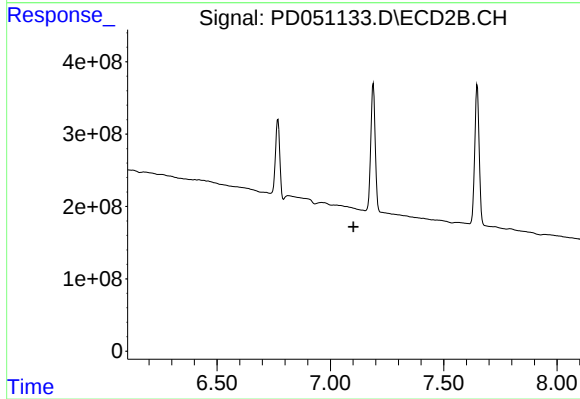
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 2392117762
Conc: 106.29 ng/ml



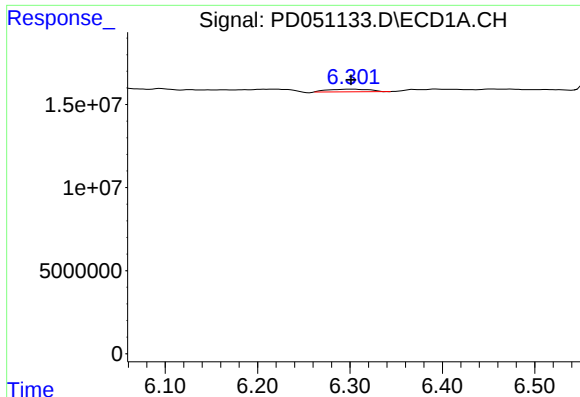
#18 Endrin aldehyde

R.T.: 6.095 min
Delta R.T.: 0.001 min
Response: 1076215
Conc: 0.51 ng/ml



#18 Endrin aldehyde

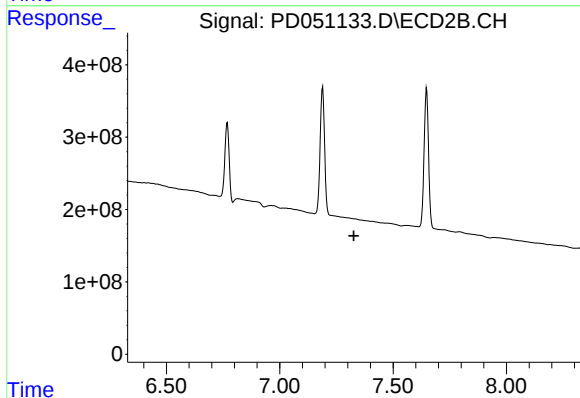
R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

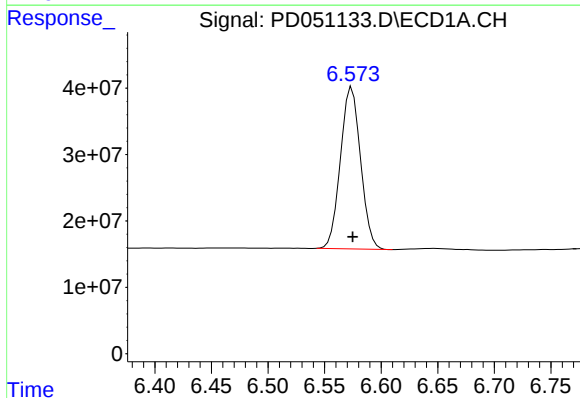
R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 5227727
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



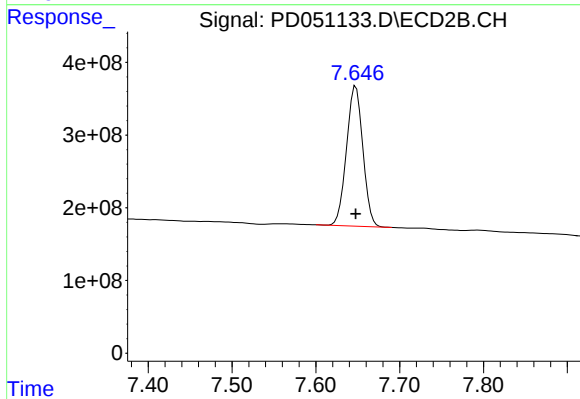
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.327 min
Response: 0
Conc: N.D.



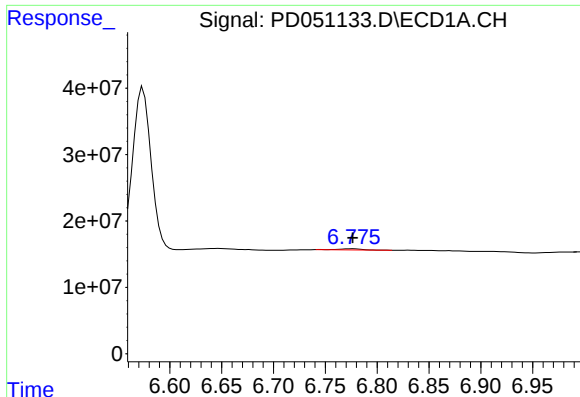
#20 Methoxychlor

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 302025177
Conc: 242.72 ng/ml



#20 Methoxychlor

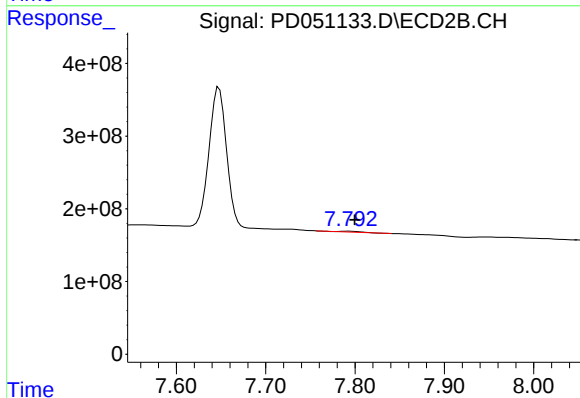
R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 2615163694
Conc: 245.56 ng/ml



#21 Endrin ketone

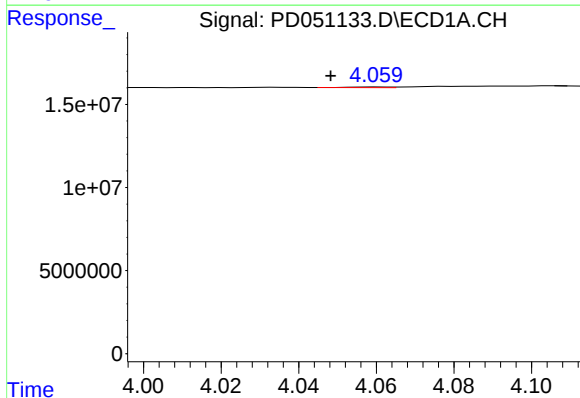
R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 2464913
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



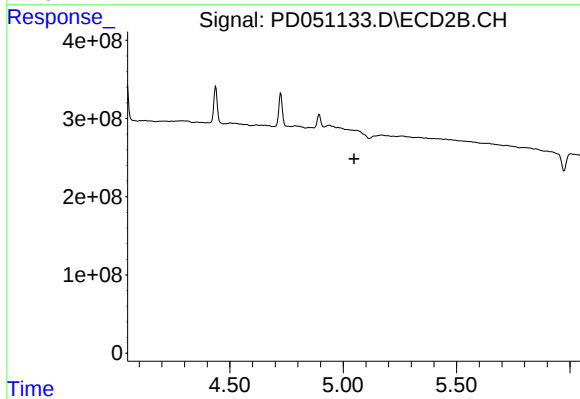
#21 Endrin ketone

R.T.: 7.793 min
Delta R.T.: -0.007 min
Response: 16098458
Conc: 0.70 ng/ml



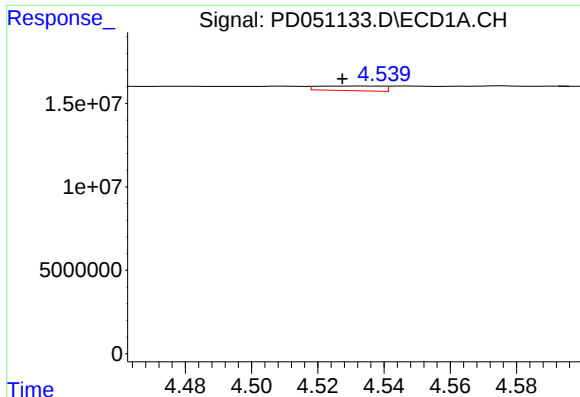
#23 Chlordane-1

R.T.: 4.061 min
Delta R.T.: 0.012 min
Response: 244565
Conc: 2.56 ng/ml



#23 Chlordane-1

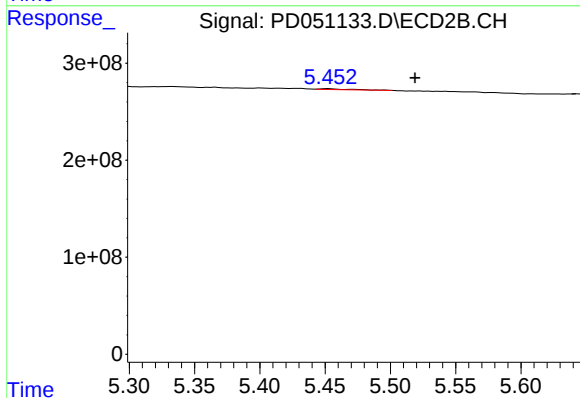
R.T.: 0.000 min
Exp R.T.: 5.048 min
Response: 0
Conc: N.D.



#24 Chlordane-2

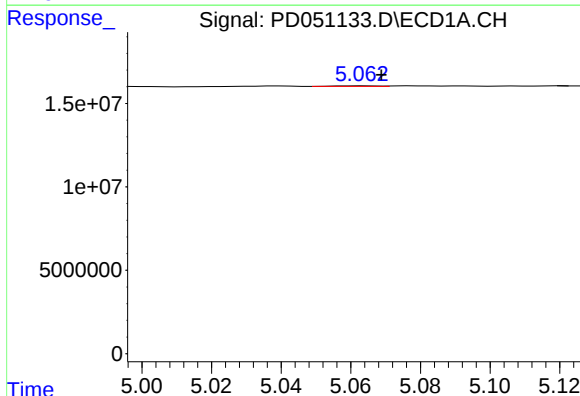
R.T.: 4.534 min
Delta R.T.: 0.007 min
Response: 3785691
Conc: 38.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



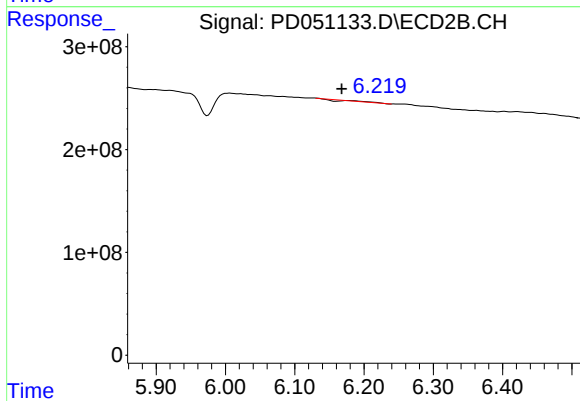
#24 Chlordane-2

R.T.: 5.452 min
Delta R.T.: -0.066 min
Response: 10146096
Conc: 8.48 ng/ml



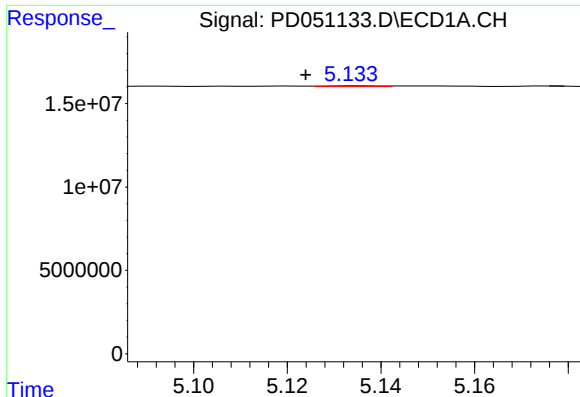
#25 Chlordane-3

R.T.: 5.064 min
Delta R.T.: -0.005 min
Response: 309546
Conc: 0.97 ng/ml



#25 Chlordane-3

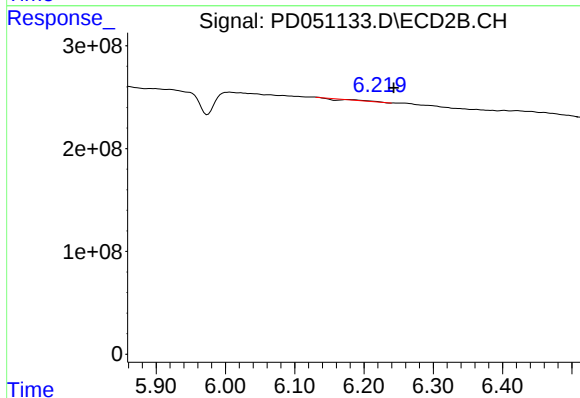
R.T.: 6.177 min
Delta R.T.: 0.009 min
Response: 3920214
Conc: 0.84 ng/ml



#26 Chlordane-4

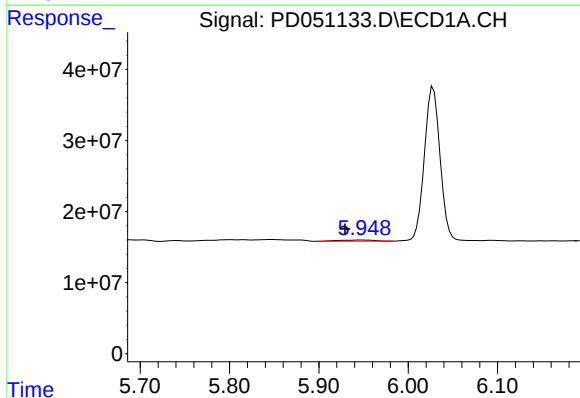
R.T.: 5.135 min
Delta R.T.: 0.011 min
Response: 392717
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



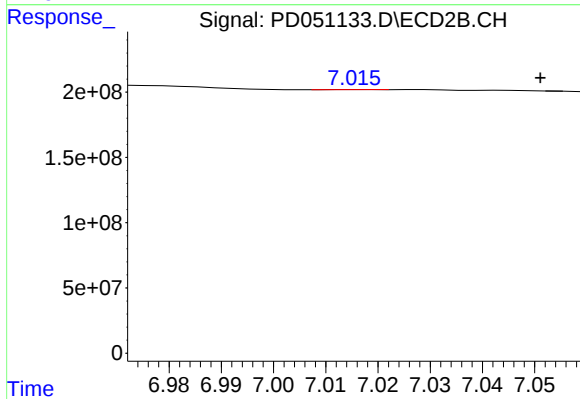
#26 Chlordane-4

R.T.: 6.177 min
Delta R.T.: -0.066 min
Response: 3920214
Conc: 0.74 ng/ml



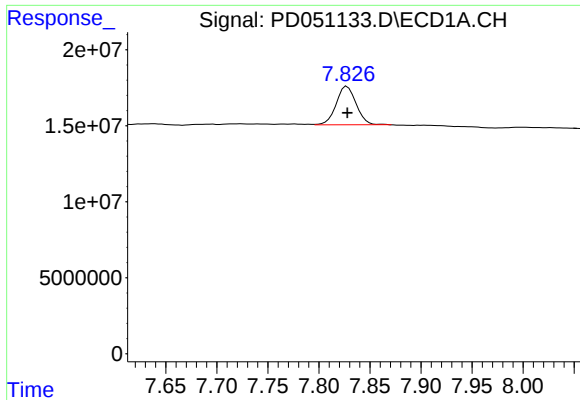
#27 Chlordane-5

R.T.: 5.949 min
Delta R.T.: 0.020 min
Response: 4226678
Conc: 37.88 ng/ml



#27 Chlordane-5

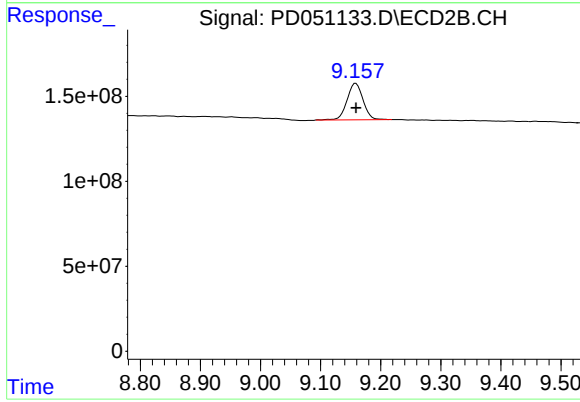
R.T.: 7.016 min
Delta R.T.: -0.035 min
Response: 344297
Conc: 0.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 34343203
Conc: 21.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.000 min
Response: 398397079
Conc: 22.39 ng/ml