

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102519\
 Data File : PL053755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2019 16:51
 Operator : SG\AJ
 Sample : K5514-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 22:33:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	4.045	187.2E6	44549794	17.267	17.803
28)	SA Decachlor...	8.327	9.123	150.5E6	46058250	15.336	16.356
Target Compounds							
2)	A alpha-BHC	3.987	4.436	931.3E6	194.3E6	53.412	56.207
3)	MA gamma-BHC...	4.273	4.722	851.7E6	181.9E6	54.685	56.477
4)	MA Heptachlor	4.580	5.231	879.1E6	176.4E6	55.699	54.753
5)	MB Aldrin	4.831	5.536	800.5E6	163.2E6	55.993	54.741
6)	B beta-BHC	4.523	4.892	352.6E6	75741958	53.513	49.036
7)	B delta-BHC	4.731	5.109	763.9E6	141.2E6	50.184	46.733
8)	B Heptachlo...	5.277	5.922	759.5E6	159.6E6	56.261	54.741
9)	A Endosulfan I	5.619	6.280	687.3E6	148.3E6	55.915	54.688
10)	B gamma-Chl...	5.505	6.157	761.3E6	155.0E6	55.798	53.125
11)	B alpha-Chl...	5.564	6.229	751.0E6	158.6E6	56.453	54.340
12)	B 4,4'-DDE	5.727	6.385	676.4E6	154.0E6	56.925	54.687
13)	MA Dieldrin	5.863	6.536	729.2E6	159.1E6	55.951	55.749
14)	MA Endrin	6.122	6.754	674.6E6	137.5E6	58.197	56.664
15)	B Endosulfa...	6.395	6.963	612.5E6	139.0E6	54.784	54.414
16)	A 4,4'-DDD	6.244	6.875	512.0E6	119.8E6	57.534	57.505
17)	MA 4,4'-DDT	6.487	7.174	565.0E6	131.7E6	57.039	56.962
18)	B Endrin al...	6.563	7.087	484.2E6	117.6E6	52.812	53.531
19)	B Endosulfa...	6.776	7.310	559.1E6	129.9E6	54.967	52.963
20)	A Methoxychlor	7.032	7.631	284.0E6	69394675	57.611	53.425
21)	B Endrin ke...	7.270	7.781	599.6E6	141.0E6	55.696	54.676
22)	Mirex	7.464	8.236	518.0E6	121.1E6	60.559	59.860
23)	Chlordane-1	4.422	5.032	17146399	5787556	48.344	69.009 #
24)	Chlordane-2	0.000	5.536f	0	163.2E6	N.D.	1661.680 #
25)	Chlordane-3	5.505	6.157	761.3E6	155.0E6	660.450	424.411 #
26)	Chlordane-4	5.564	6.229	751.0E6	158.6E6	801.134	353.349 #
27)	Chlordane-5	6.395	0.000	612.5E6	0	1675.583	N.D. #

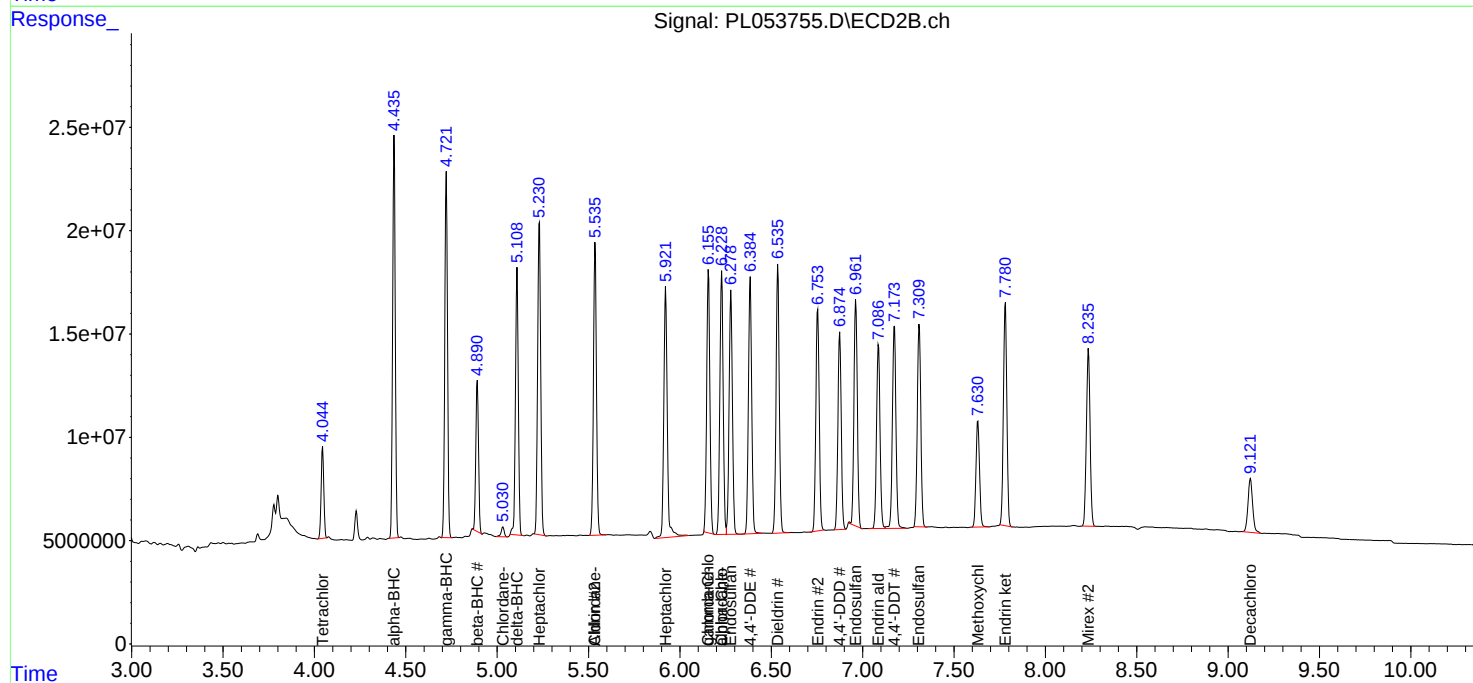
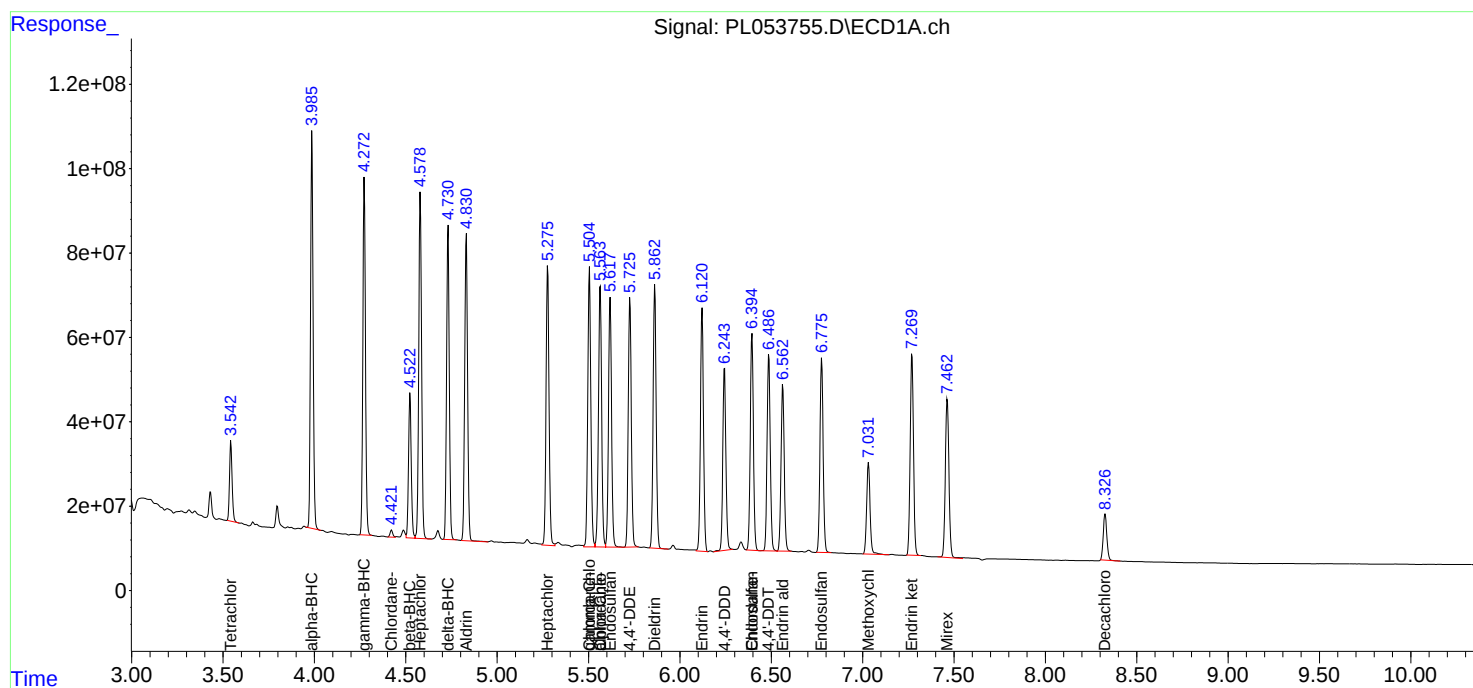
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

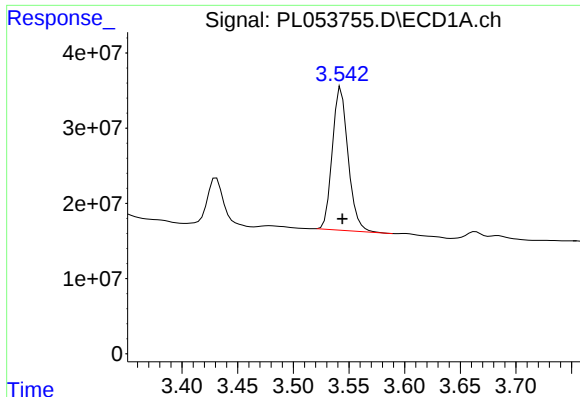
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102519\
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

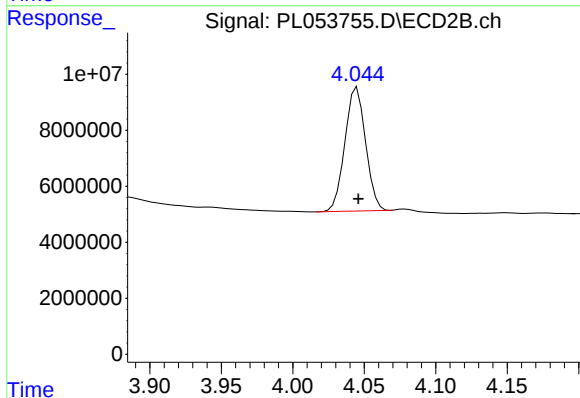




#1 Tetrachloro-m-xylene

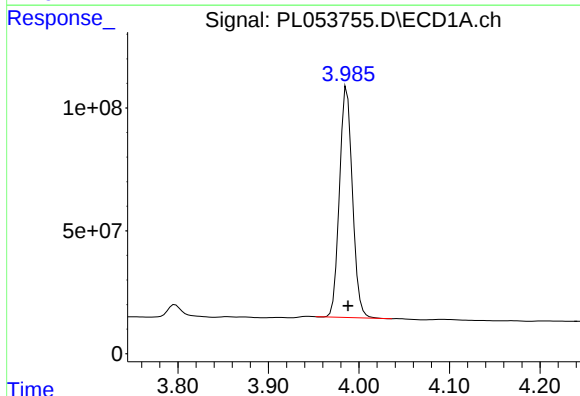
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 187161570
Conc: 17.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



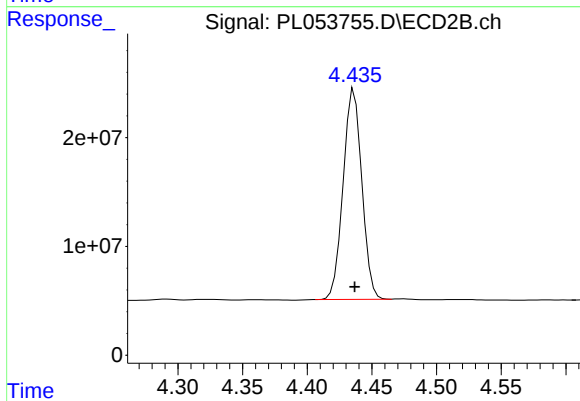
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 44549794
Conc: 17.80 ng/ml



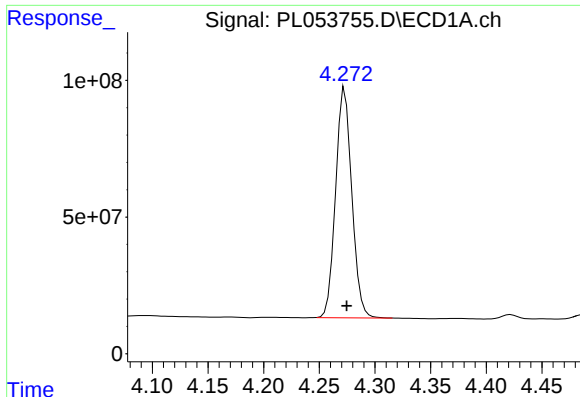
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 931313251
Conc: 53.41 ng/ml



#2 alpha-BHC

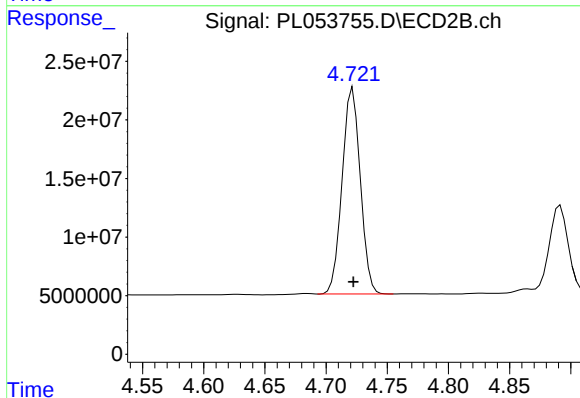
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 194312853
Conc: 56.21 ng/ml



#3 gamma-BHC (Lindane)

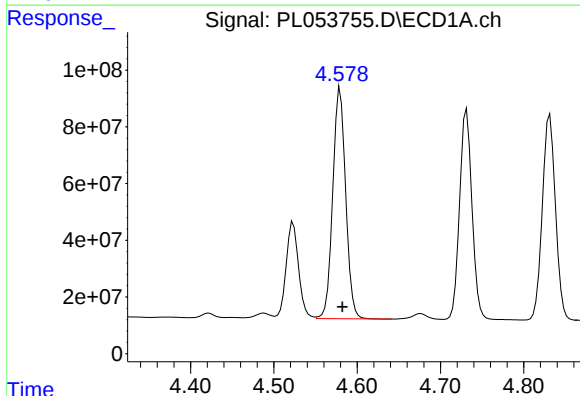
R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 851651059
Conc: 54.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



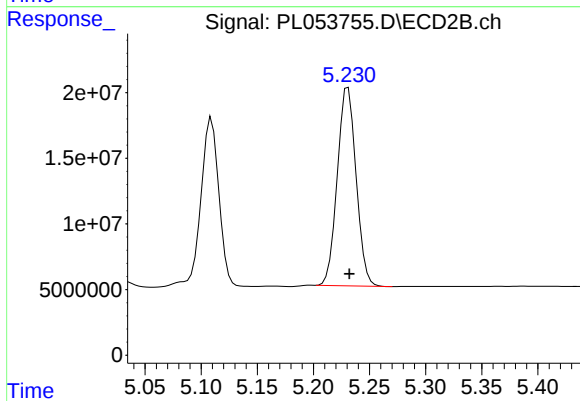
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 181876686
Conc: 56.48 ng/ml



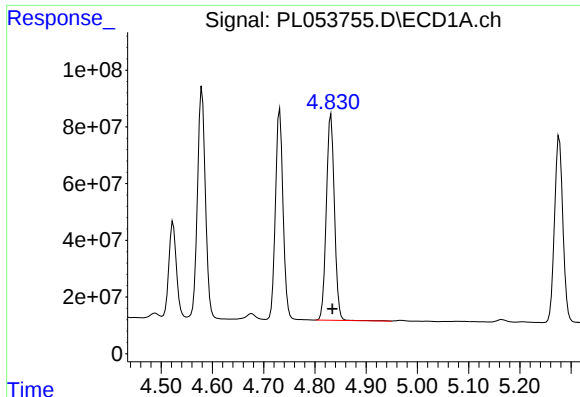
#4 Heptachlor

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 879088616
Conc: 55.70 ng/ml



#4 Heptachlor

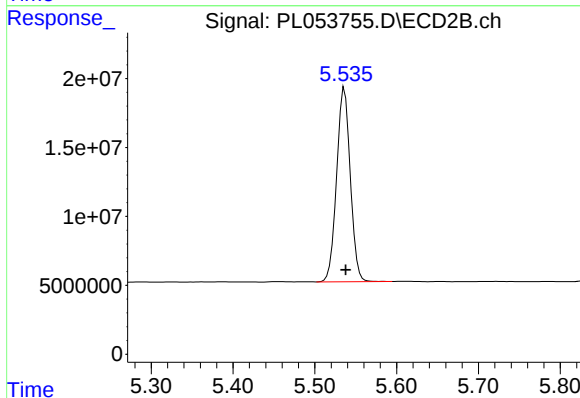
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 176422322
Conc: 54.75 ng/ml



#5 Aldrin

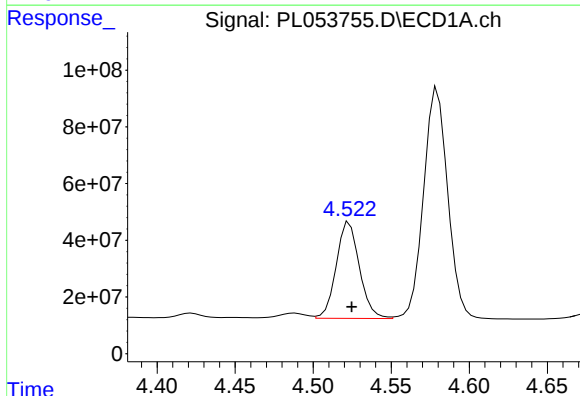
R.T.: 4.831 min
Delta R.T.: -0.003 min
Response: 800464577
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



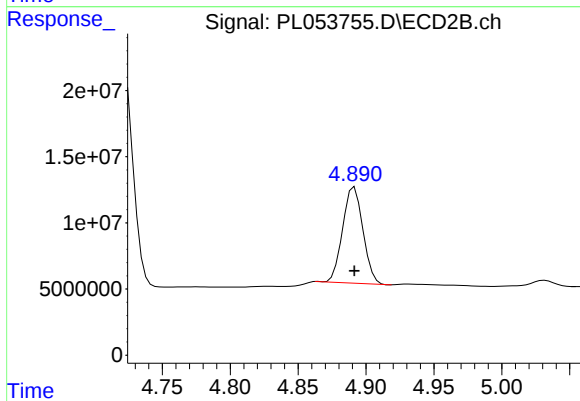
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 163212637
Conc: 54.74 ng/ml



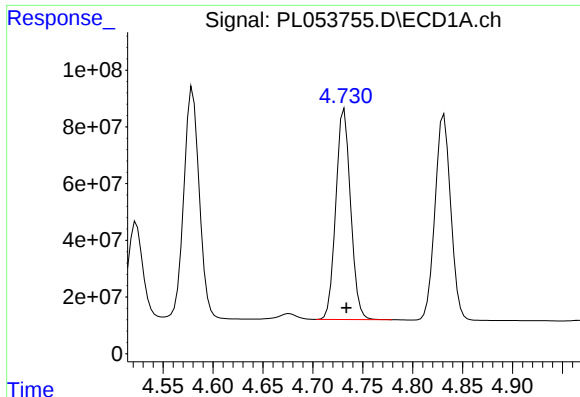
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 352643437
Conc: 53.51 ng/ml



#6 beta-BHC

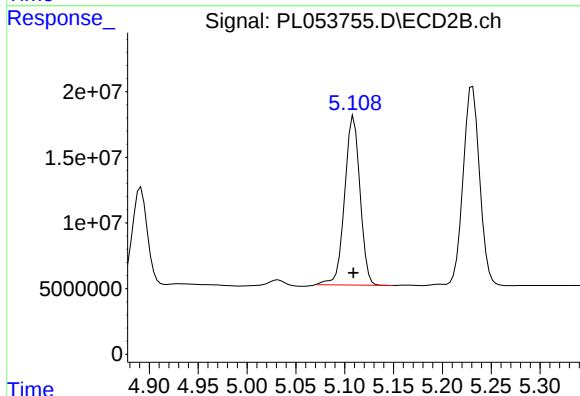
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 75741958
Conc: 49.04 ng/ml



#7 delta-BHC

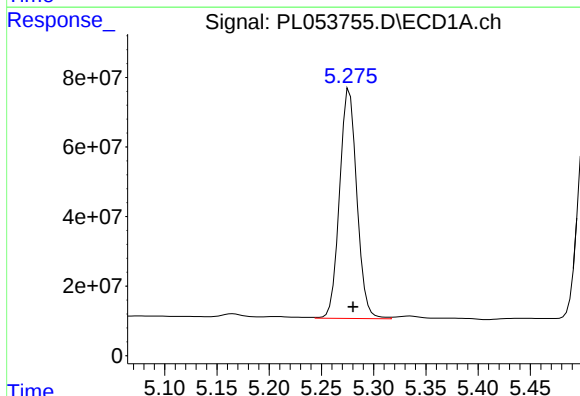
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 763858533
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



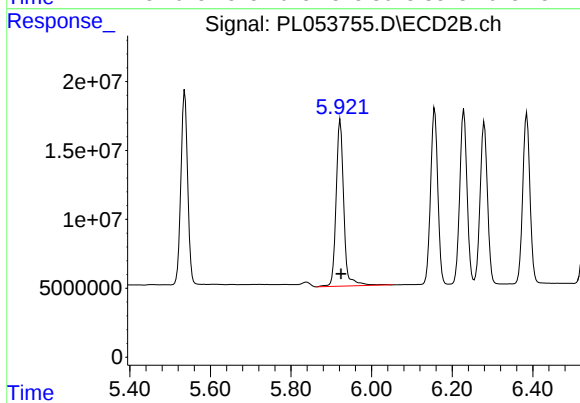
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 141160179
Conc: 46.73 ng/ml



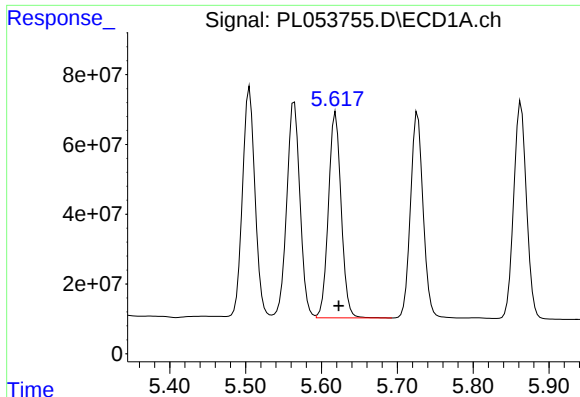
#8 Heptachlor epoxide

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 759477617
Conc: 56.26 ng/ml



#8 Heptachlor epoxide

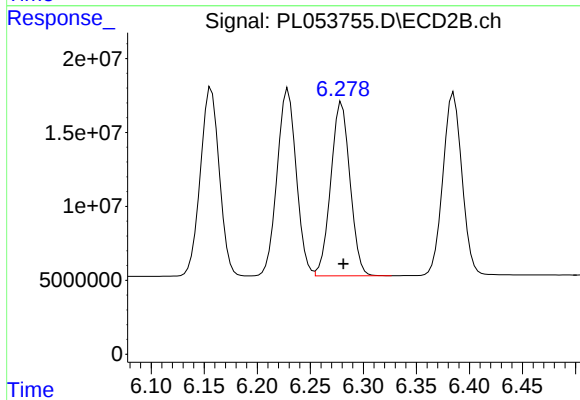
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 159647202
Conc: 54.74 ng/ml



#9 Endosulfan I

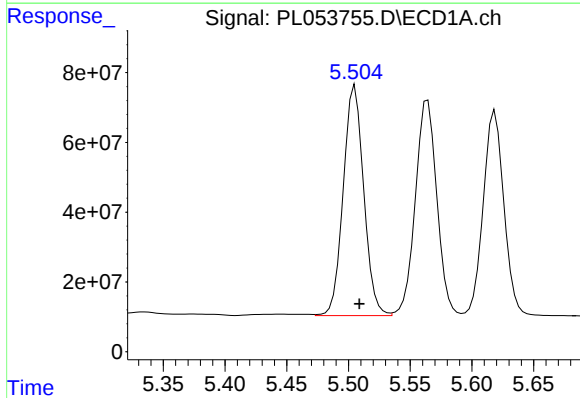
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 687311533
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



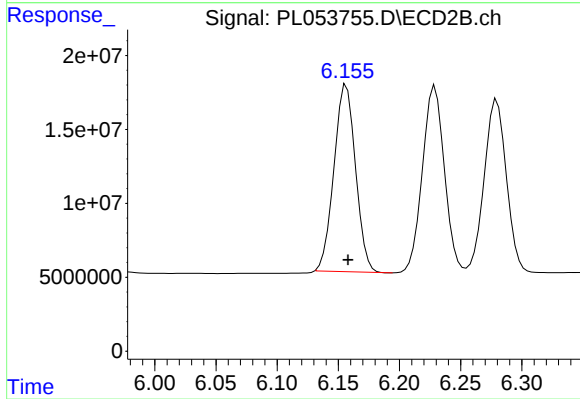
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 148272837
Conc: 54.69 ng/ml



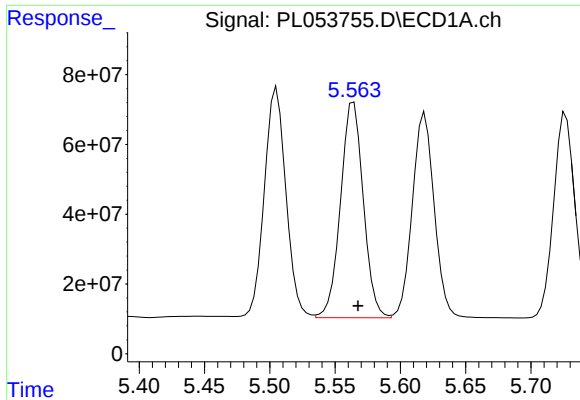
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 761291503
Conc: 55.80 ng/ml



#10 gamma-Chlordane

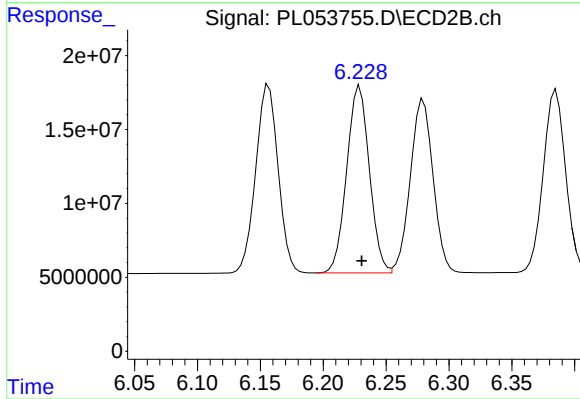
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 155007954
Conc: 53.12 ng/ml



#11 alpha-Chlordane

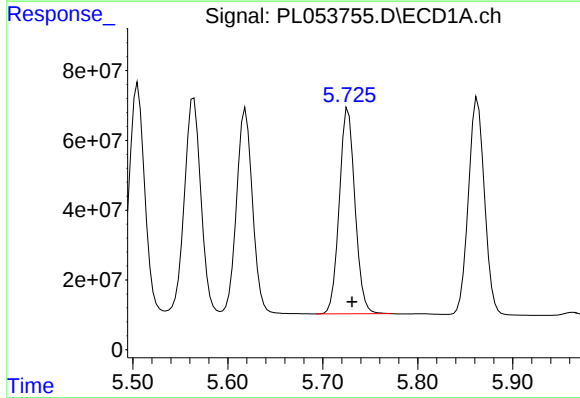
R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 751024773
Conc: 56.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



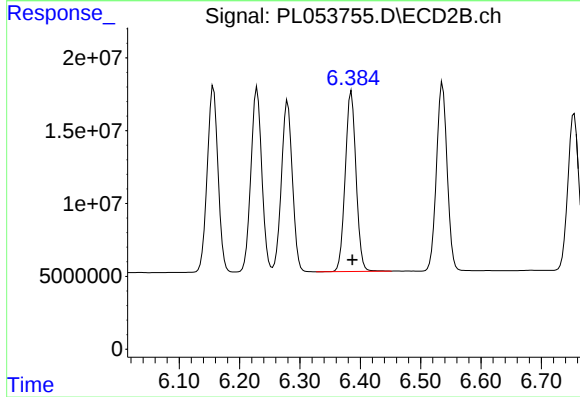
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 158631256
Conc: 54.34 ng/ml



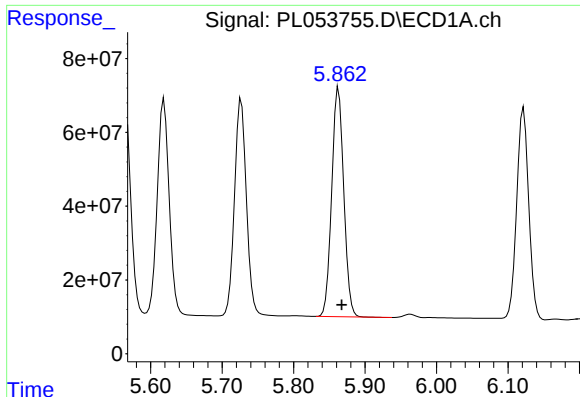
#12 4,4'-DDE

R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 676396216
Conc: 56.92 ng/ml



#12 4,4'-DDE

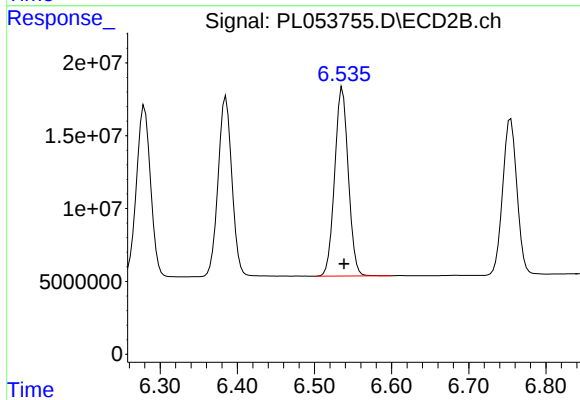
R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 154016729
Conc: 54.69 ng/ml



#13 Dieldrin

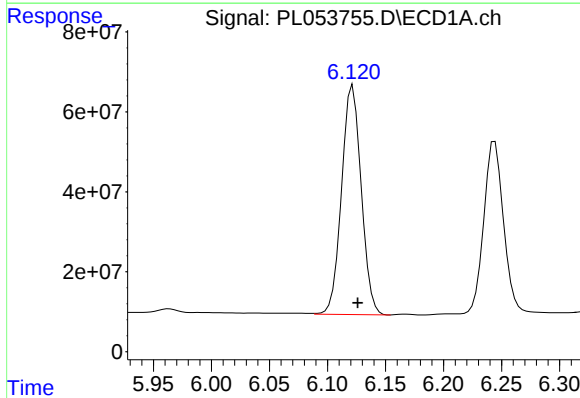
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 729245782
Conc: 55.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



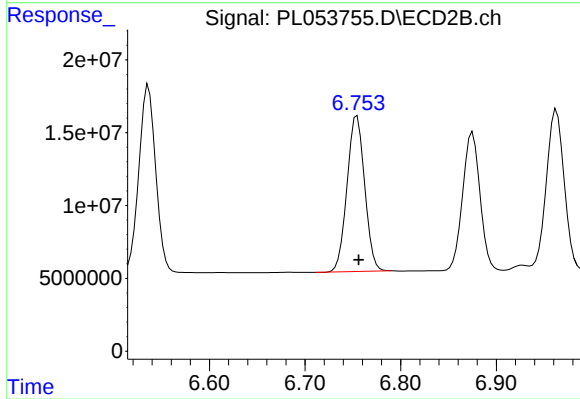
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 159087213
Conc: 55.75 ng/ml



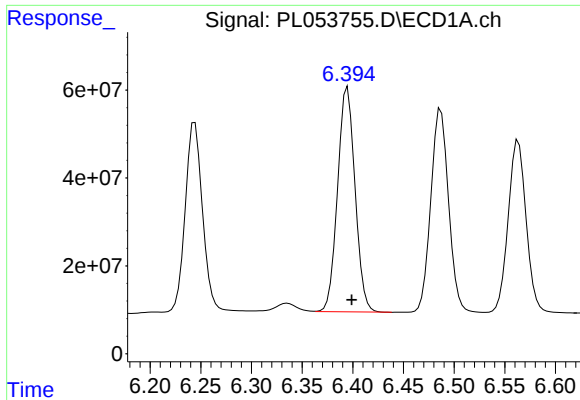
#14 Endrin

R.T.: 6.122 min
Delta R.T.: -0.004 min
Response: 674568770
Conc: 58.20 ng/ml



#14 Endrin

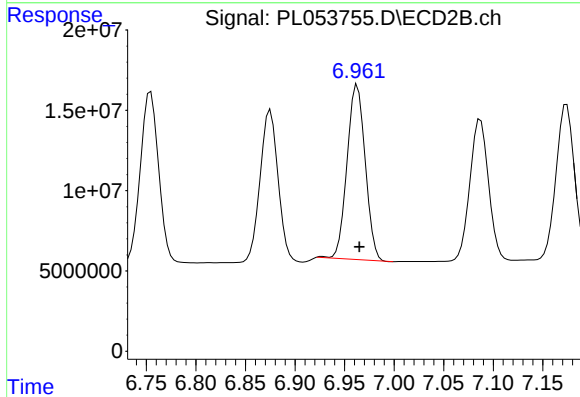
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 137534650
Conc: 56.66 ng/ml



#15 Endosulfan II

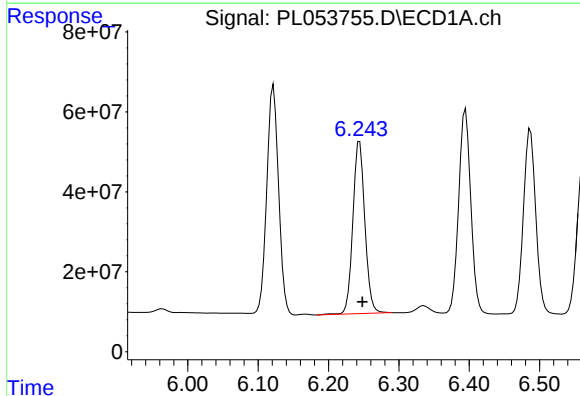
R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 612499898
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



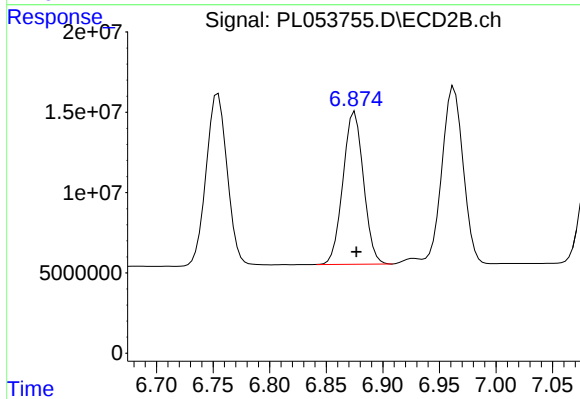
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 139000956
Conc: 54.41 ng/ml



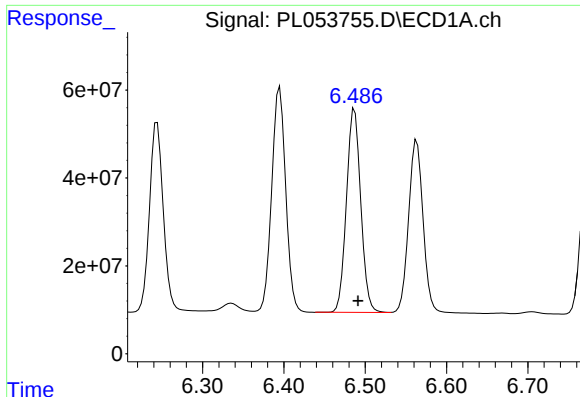
#16 4,4'-DDD

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 512044051
Conc: 57.53 ng/ml



#16 4,4'-DDD

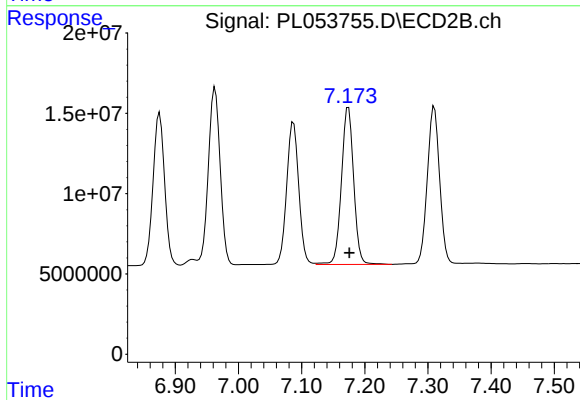
R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 119838766
Conc: 57.51 ng/ml



#17 4,4'-DDT

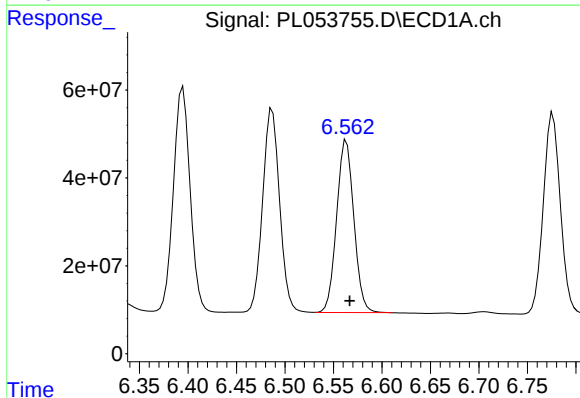
R.T.: 6.487 min
Delta R.T.: -0.004 min
Response: 565041916
Conc: 57.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



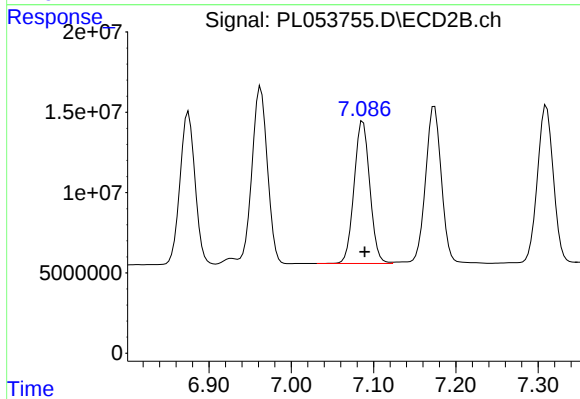
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 131725168
Conc: 56.96 ng/ml



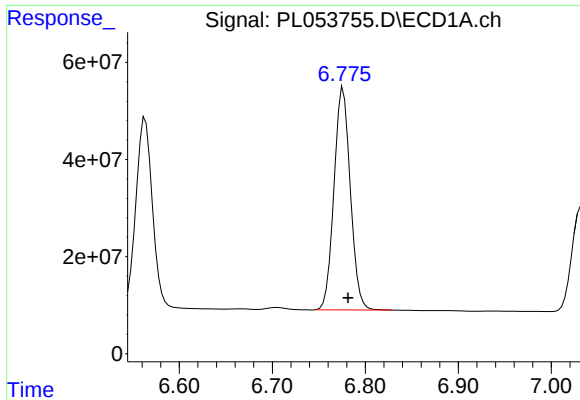
#18 Endrin aldehyde

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 484246638
Conc: 52.81 ng/ml



#18 Endrin aldehyde

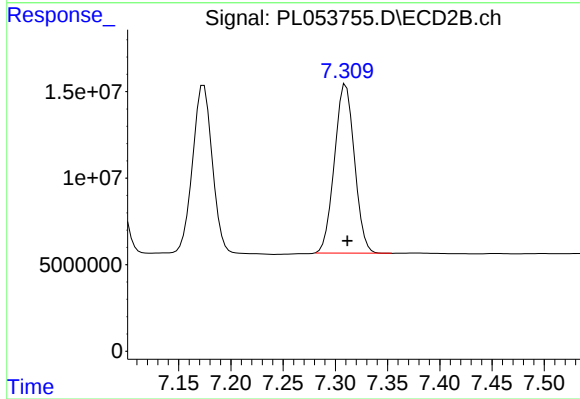
R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 117595832
Conc: 53.53 ng/ml



#19 Endosulfan Sulfate

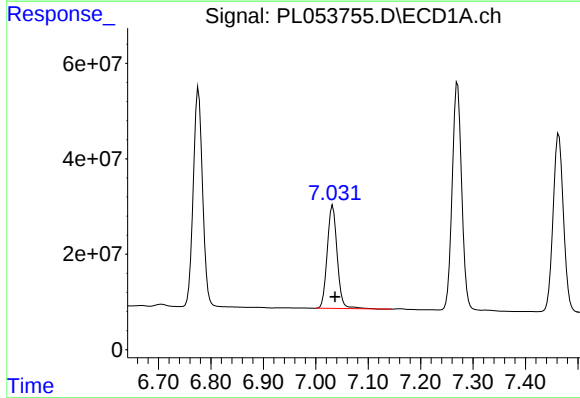
R.T.: 6.776 min
Delta R.T.: -0.005 min
Response: 559101151
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



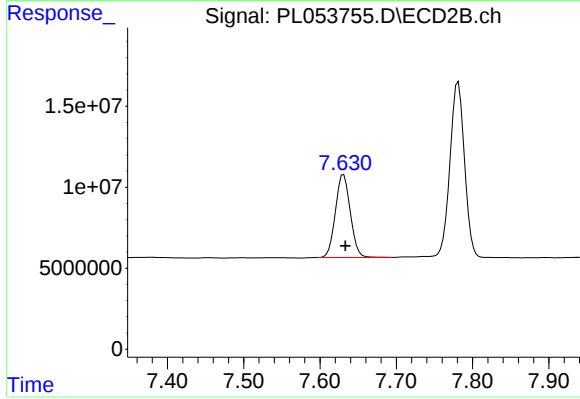
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 129949902
Conc: 52.96 ng/ml



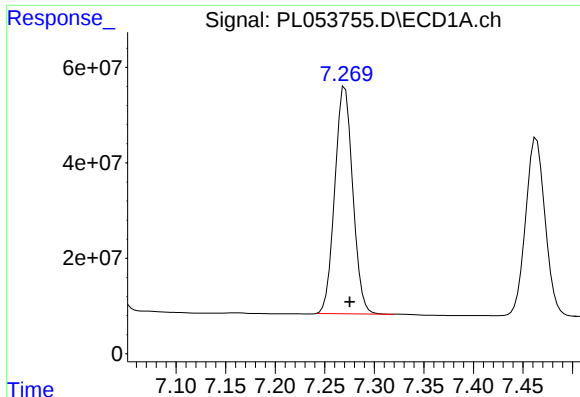
#20 Methoxychlor

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 284040877
Conc: 57.61 ng/ml



#20 Methoxychlor

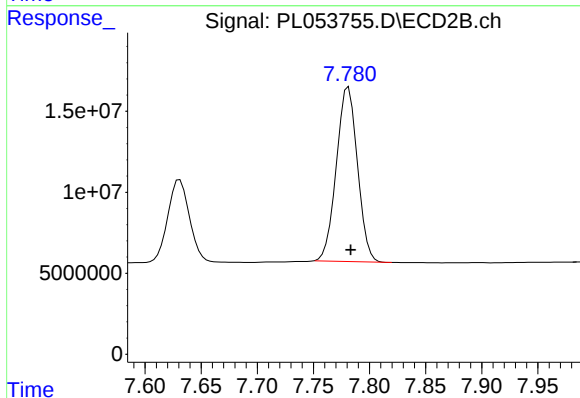
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 69394675
Conc: 53.43 ng/ml



#21 Endrin ketone

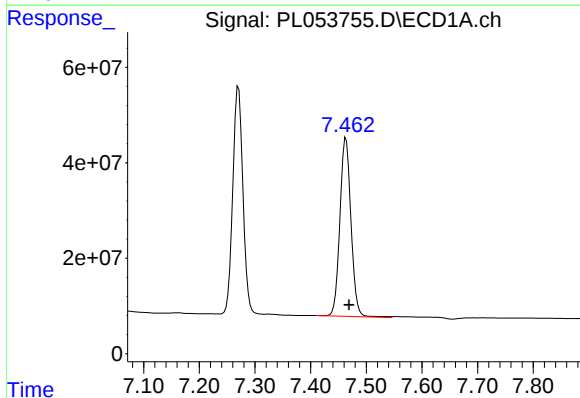
R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 599571711
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



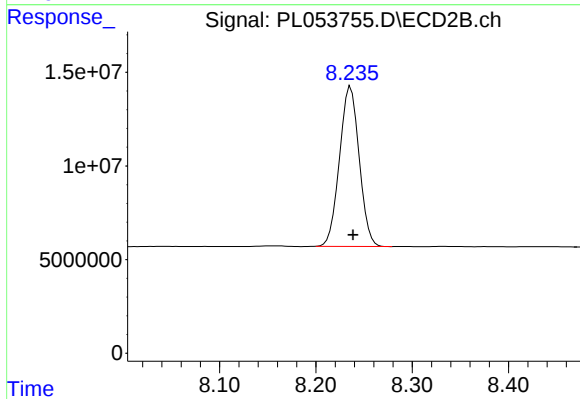
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 140981228
Conc: 54.68 ng/ml



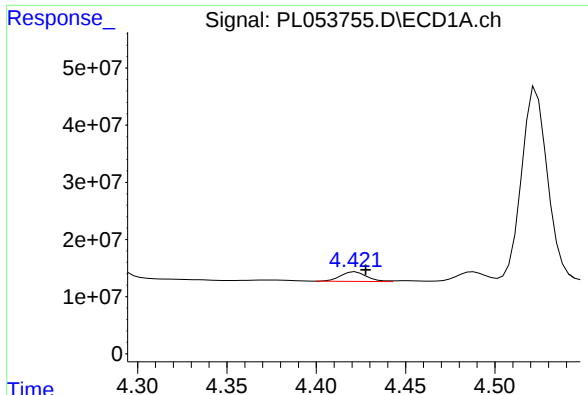
#22 Mirex

R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 517961918
Conc: 60.56 ng/ml



#22 Mirex

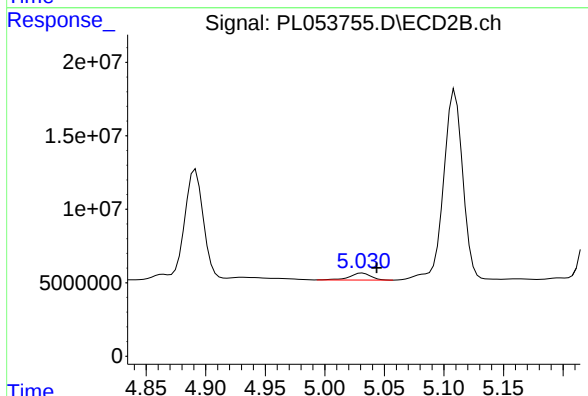
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 121099612
Conc: 59.86 ng/ml



#23 Chlordane-1

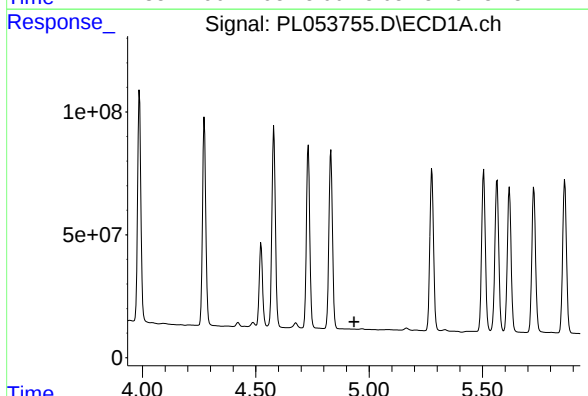
R.T.: 4.422 min
Delta R.T.: -0.006 min
Response: 17146399
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



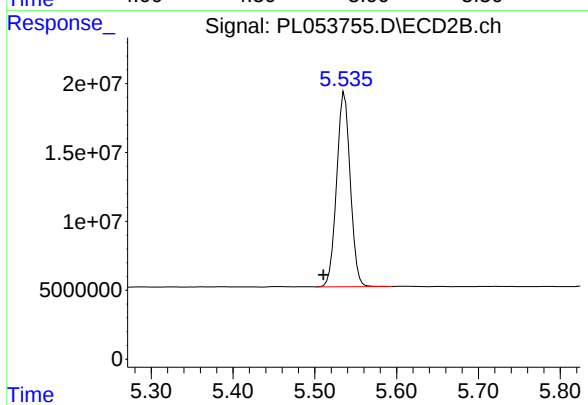
#23 Chlordane-1

R.T.: 5.032 min
Delta R.T.: -0.012 min
Response: 5787556
Conc: 69.01 ng/ml



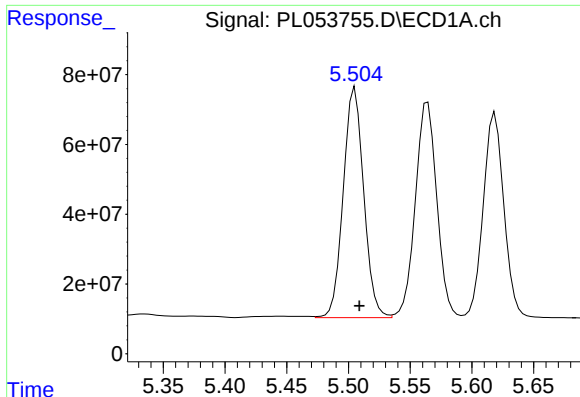
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#24 Chlordane-2

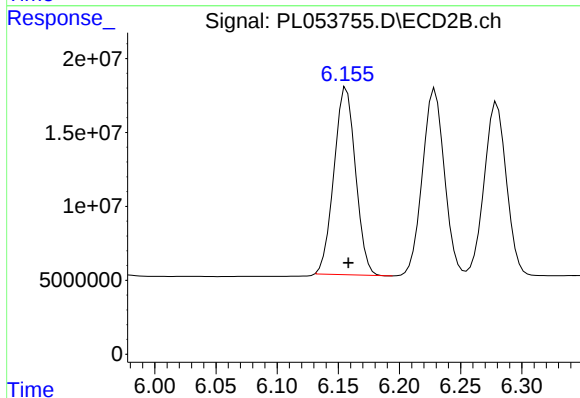
R.T.: 5.536 min
Delta R.T.: 0.026 min
Response: 163212637
Conc: 1661.68 ng/ml



#25 Chlordane-3

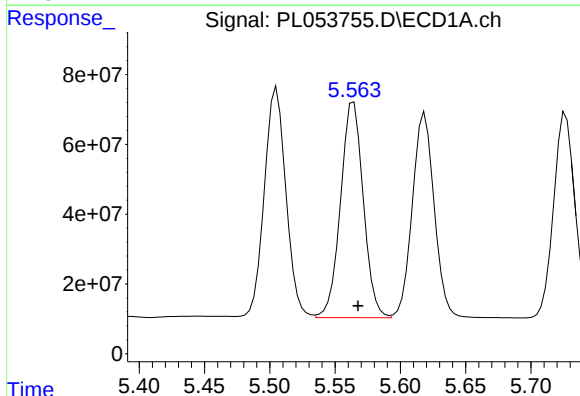
R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 761291503
Conc: 660.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



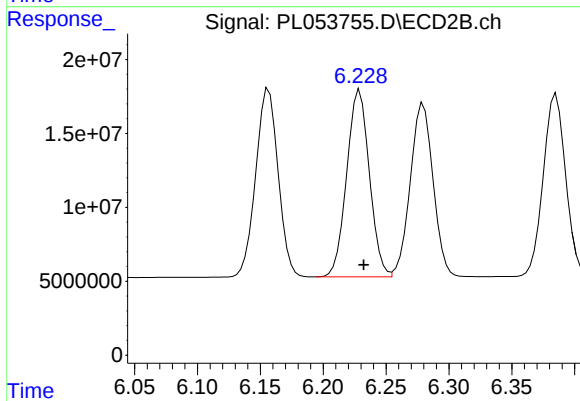
#25 Chlordane-3

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 155007954
Conc: 424.41 ng/ml



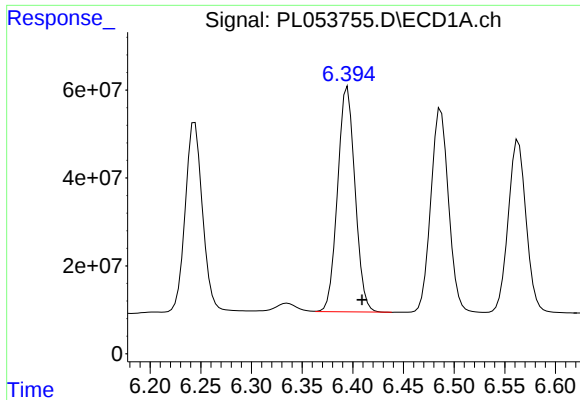
#26 Chlordane-4

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 751024773
Conc: 801.13 ng/ml



#26 Chlordane-4

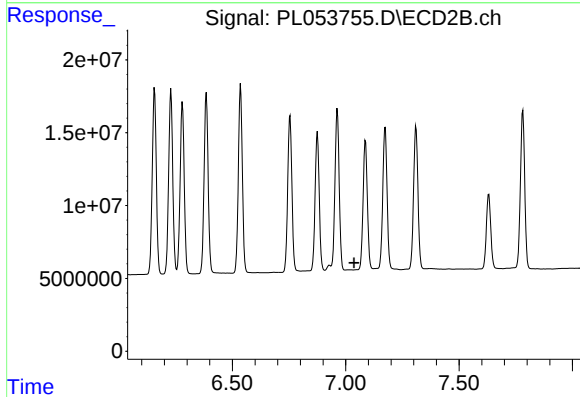
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 158631256
Conc: 353.35 ng/ml



#27 Chlordane-5

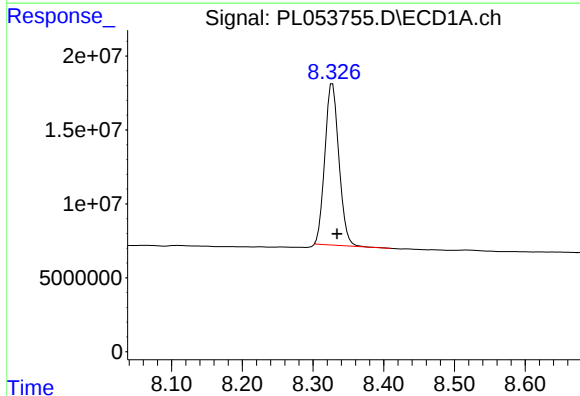
R.T.: 6.395 min
Delta R.T.: -0.014 min
Response: 612499898
Conc: 1675.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



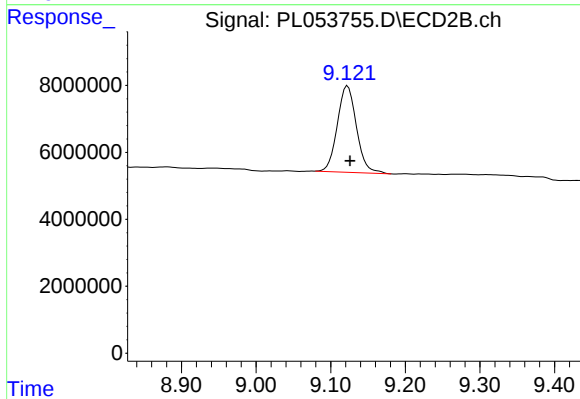
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.327 min
Delta R.T.: -0.007 min
Response: 150472339
Conc: 15.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 46058250
Conc: 16.36 ng/ml