

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 14:20
 Operator : AR\AJ
 Sample : PB152874BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:14:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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

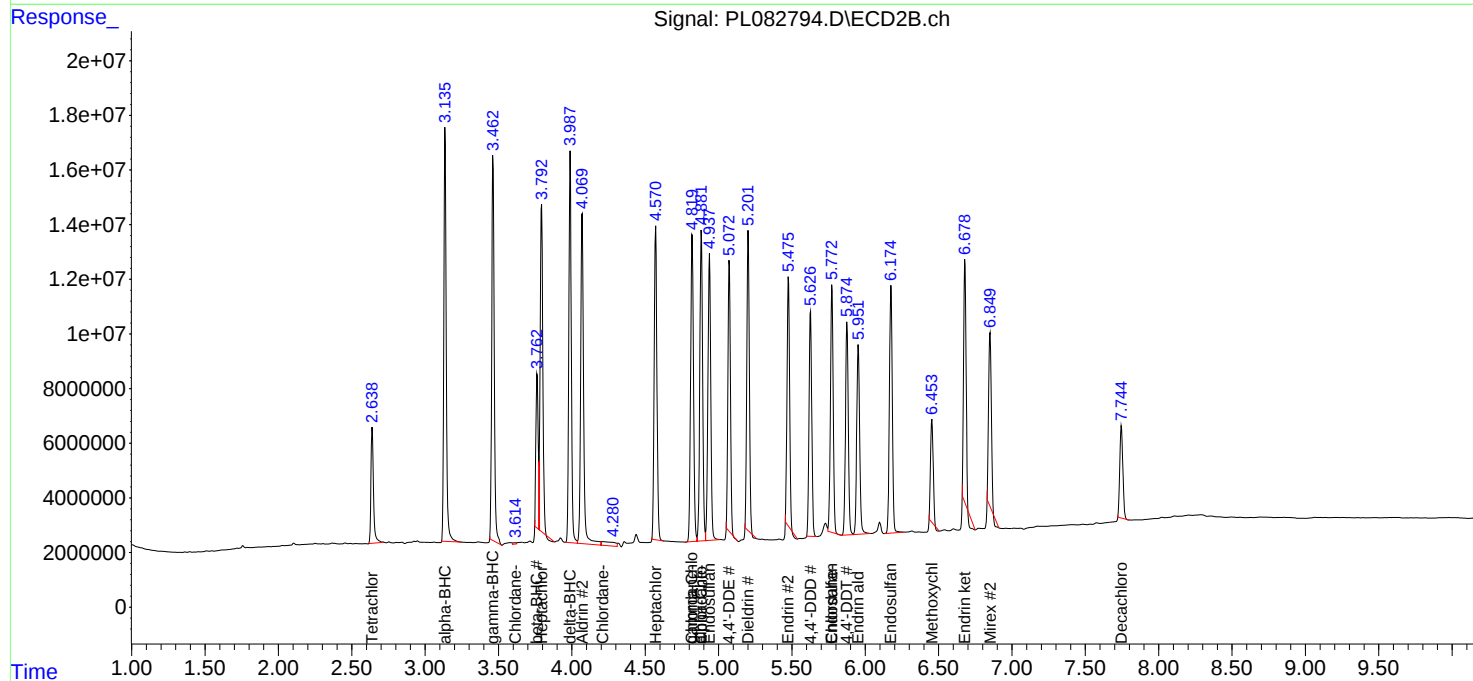
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

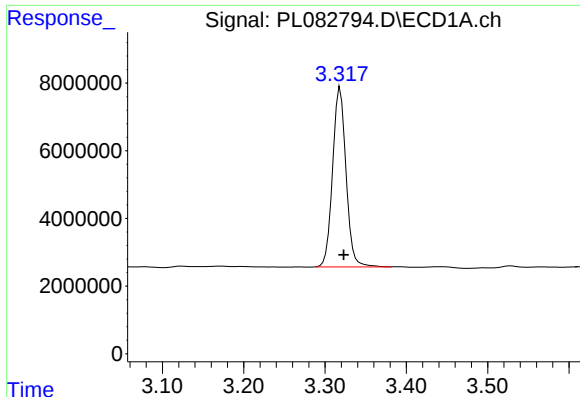
System Monitoring Compounds							
1)	SA Tetrachlo...	3.319	2.639	60894967	50429615	22.797	21.768
28)	SA Decachlor...	8.735	7.746	47292909	48966703	24.773	21.453
Target Compounds							
2)	A alpha-BHC	3.768	3.136	223.0E6	174.7E6	56.019	51.322
3)	MA gamma-BHC...	4.096	3.463	209.0E6	164.5E6	55.899	51.153
4)	MA Heptachlor	4.674	3.794	198.2E6	150.6E6	54.246	43.996
5)	MB Aldrin	5.010	4.070	187.7E6	170.1E6	56.923	53.995
6)	B beta-BHC	4.300	3.763	90642803	59856618	53.147	43.870
7)	B delta-BHC	4.540	3.989	203.5E6	165.0E6	56.574	53.796
8)	B Heptachlo...	5.436	4.571	169.8E6	147.5E6	55.675	51.212
9)	A Endosulfan I	5.817	4.938	158.8E6	139.1E6	57.282	52.127
10)	B gamma-Chl...	5.691	4.820	183.7E6	153.4E6	61.093	52.857
11)	B alpha-Chl...	5.769	4.883	173.5E6	151.4E6	58.134	52.166
12)	B 4,4'-DDE	5.947	5.073	153.9E6	119.2E6	60.537	51.843
13)	MA Dieldrin	6.091	5.202	163.0E6	132.9E6	59.075	49.231
14)	MA Endrin	6.318	5.476	139.9E6	110.8E6	57.681	45.319
15)	B Endosulfa...	6.541	5.773	143.4E6	118.7E6	58.922	52.676
16)	A 4,4'-DDD	6.463	5.627	124.9E6	106.0E6	61.603	56.674
17)	MA 4,4'-DDT	6.774	5.876	121.7E6	101.7E6	53.211	48.161
18)	B Endrin al...	6.671	5.952	107.7E6	97884774	57.173	52.306
19)	B Endosulfa...	6.905	6.175	131.9E6	123.3E6	55.633	52.393
20)	A Methoxychlor	7.255	6.455	61564392	47012964	50.449	38.795
21)	B Endrin ke...	7.385	6.680	134.6E6	99844364	56.224	39.337 #
22)	Mirex	7.848	6.851	100.5E6	81174662	51.357	35.228 #
23)	Chlordane-1	0.000	3.616f	0	846271	N.D.	9.542 #
24)	Chlordane-2	5.010f	4.213	187.7E6	8632783	1576.683	76.980 #
25)	Chlordane-3	5.691	4.820	183.7E6	153.4E6	425.519	539.870 #
26)	Chlordane-4	5.769	4.883	173.5E6	151.4E6	333.723	507.455 #
27)	Chlordane-5	0.000	5.773	0	118.7E6	N.D.	1202.859 #

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

Instrument :
ECD_L
ClientSampleId :

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

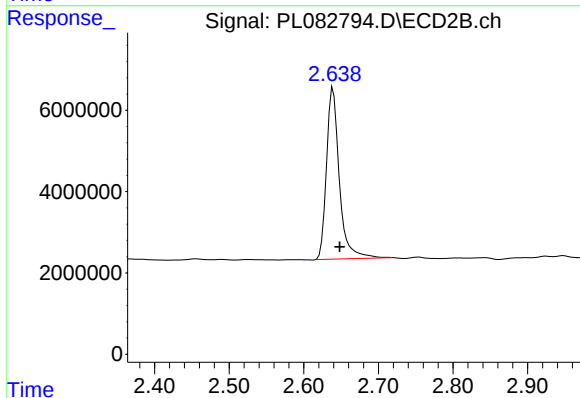




#1 Tetrachloro-m-xylene

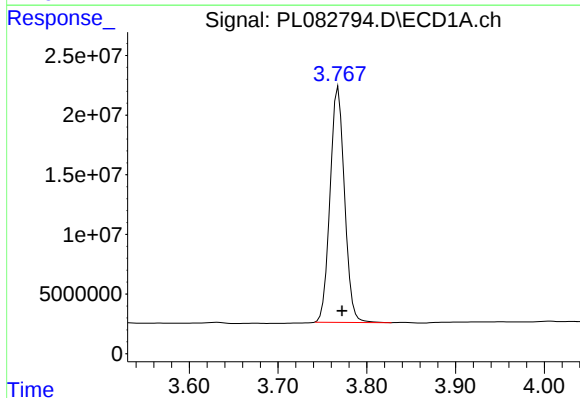
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 60894967
Conc: 22.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



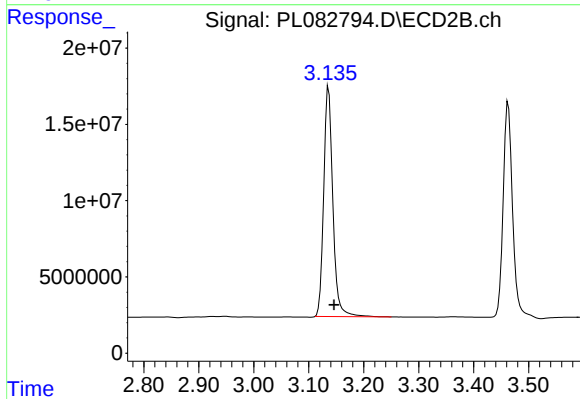
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: -0.009 min
Response: 50429615
Conc: 21.77 ng/ml



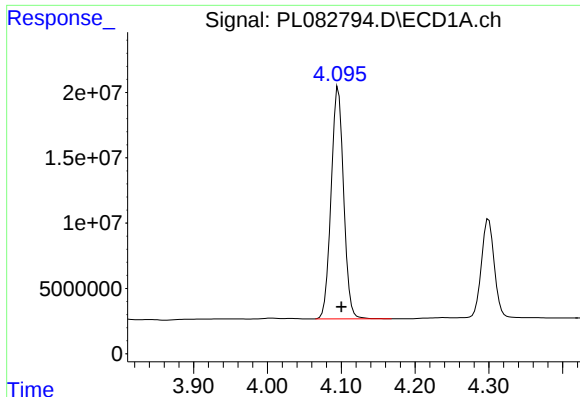
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 222970241
Conc: 56.02 ng/ml



#2 alpha-BHC

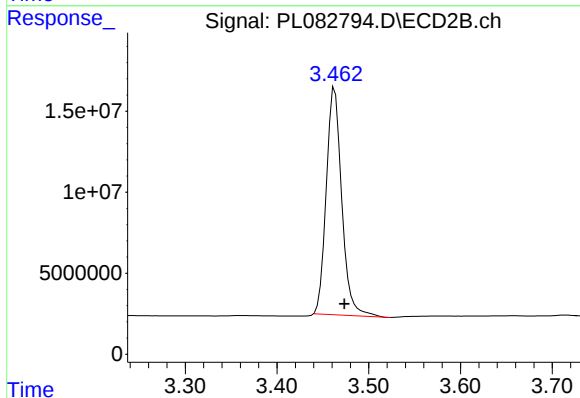
R.T.: 3.136 min
Delta R.T.: -0.010 min
Response: 174674644
Conc: 51.32 ng/ml



#3 gamma-BHC (Lindane)

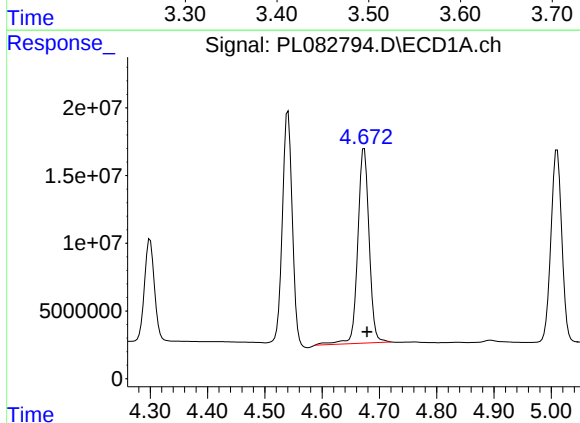
R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 209003920
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



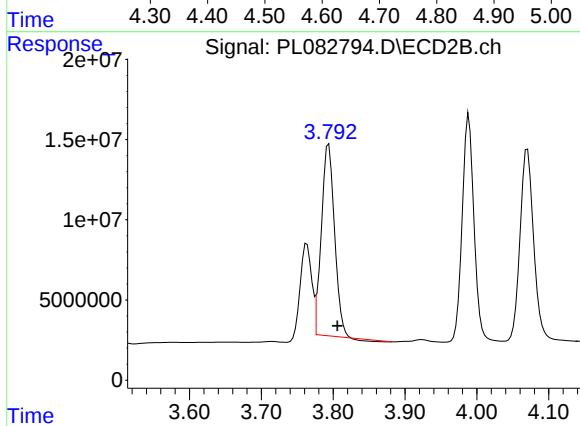
#3 gamma-BHC (Lindane)

R.T.: 3.463 min
Delta R.T.: -0.010 min
Response: 164471635
Conc: 51.15 ng/ml



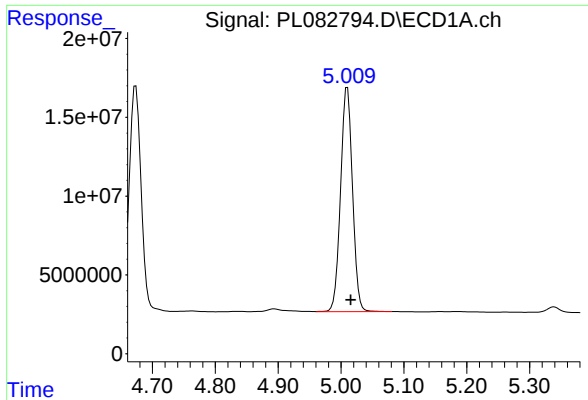
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 198209198
Conc: 54.25 ng/ml



#4 Heptachlor

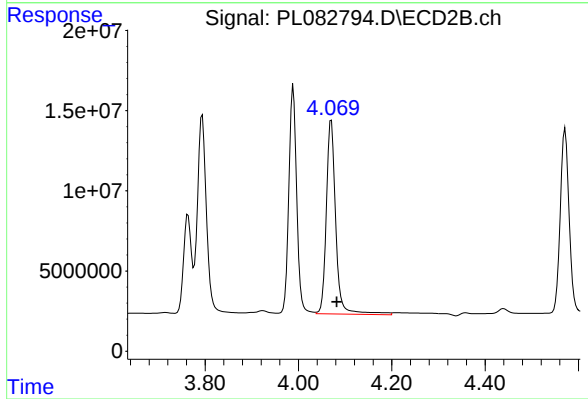
R.T.: 3.794 min
Delta R.T.: -0.012 min
Response: 150609902
Conc: 44.00 ng/ml



#5 Aldrin

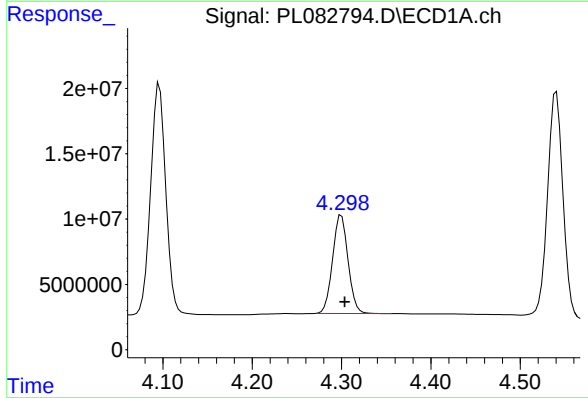
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 187707978
Conc: 56.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



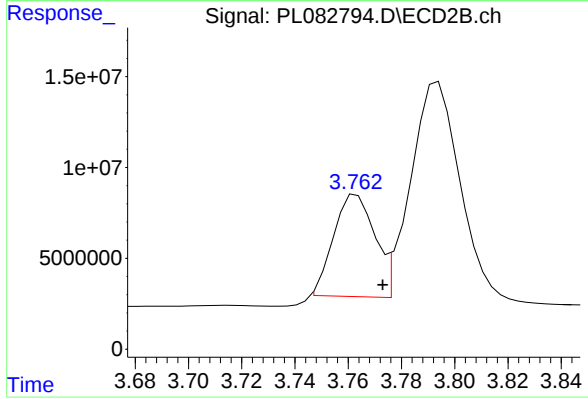
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: -0.012 min
Response: 170077000
Conc: 54.00 ng/ml



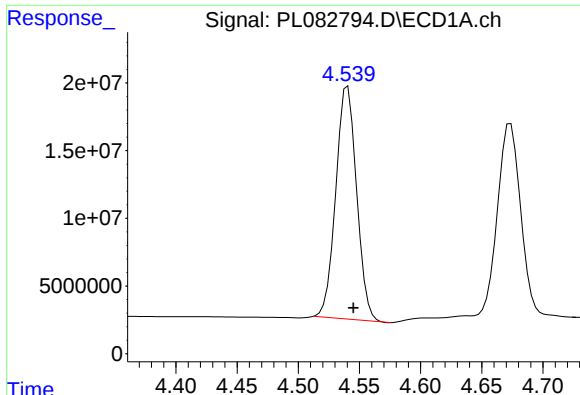
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 90642803
Conc: 53.15 ng/ml



#6 beta-BHC

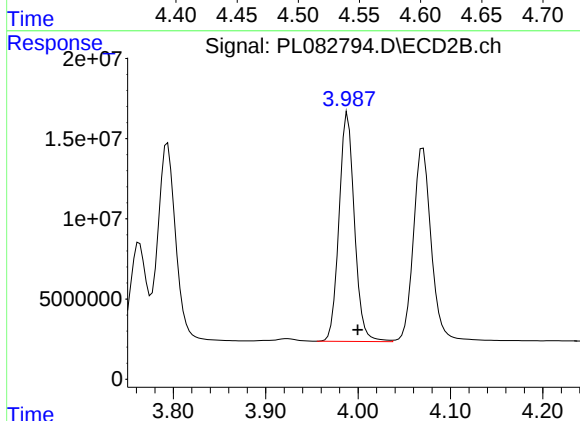
R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 59856618
Conc: 43.87 ng/ml



#7 delta-BHC

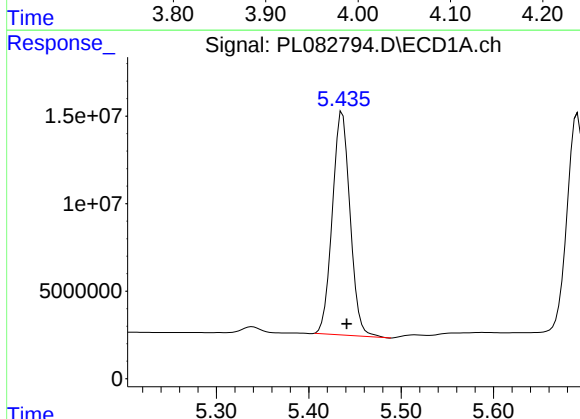
R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 203540528
Conc: 56.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



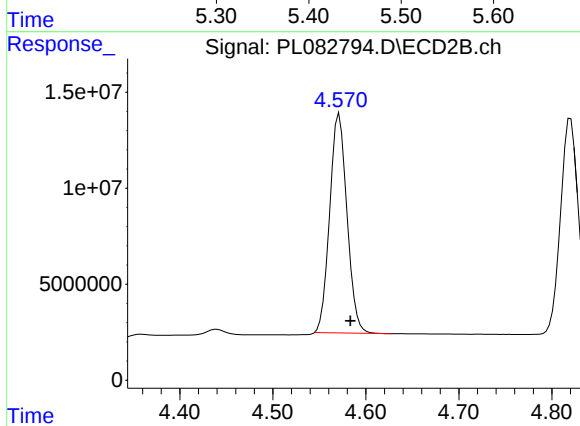
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: -0.011 min
Response: 165013951
Conc: 53.80 ng/ml



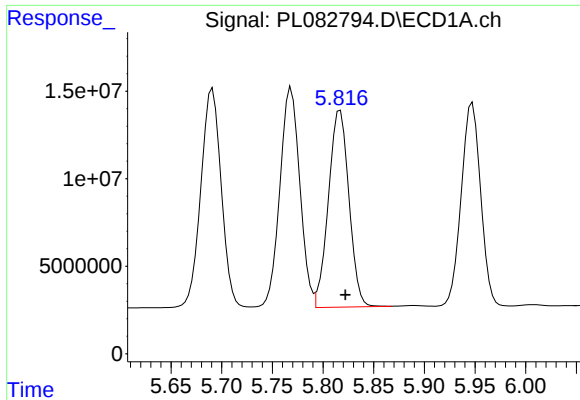
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 169826786
Conc: 55.67 ng/ml



#8 Heptachlor epoxide

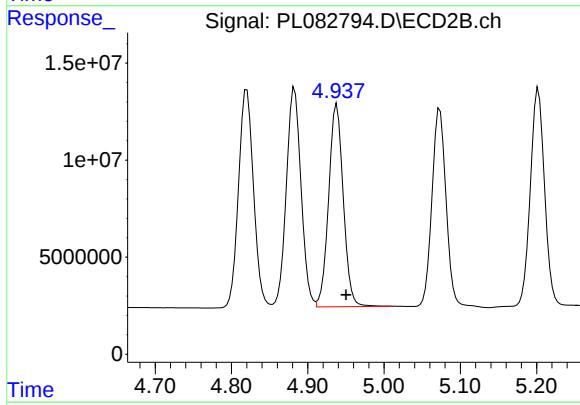
R.T.: 4.571 min
Delta R.T.: -0.012 min
Response: 147534882
Conc: 51.21 ng/ml



#9 Endosulfan I

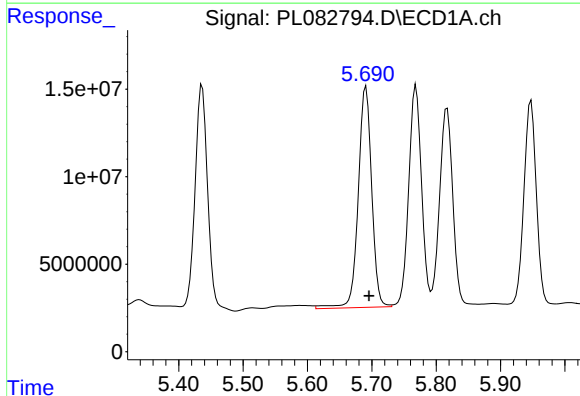
R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 158828611
Conc: 57.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



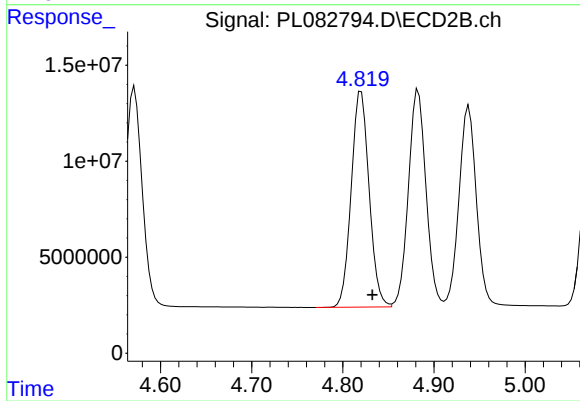
#9 Endosulfan I

R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 139149980
Conc: 52.13 ng/ml



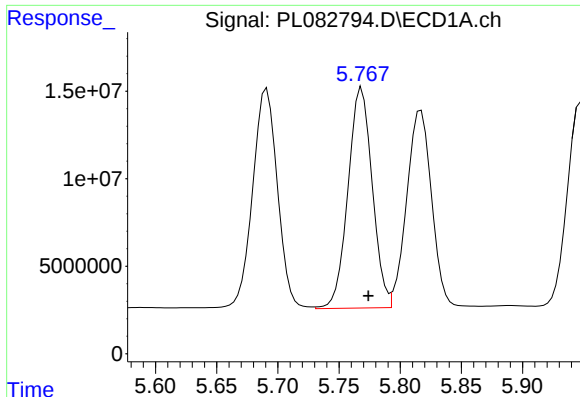
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 183698077
Conc: 61.09 ng/ml



#10 gamma-Chlordane

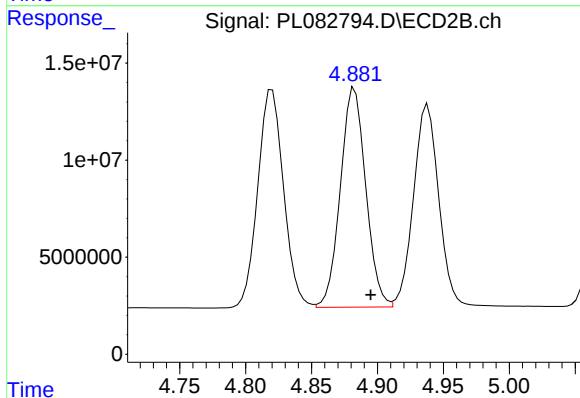
R.T.: 4.820 min
Delta R.T.: -0.012 min
Response: 153382238
Conc: 52.86 ng/ml



#11 alpha-Chlordane

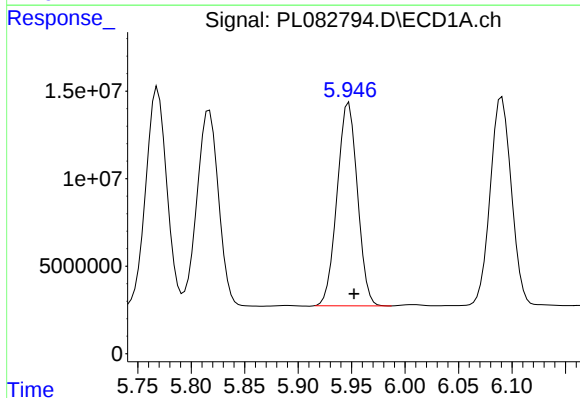
R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 173507616
Conc: 58.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



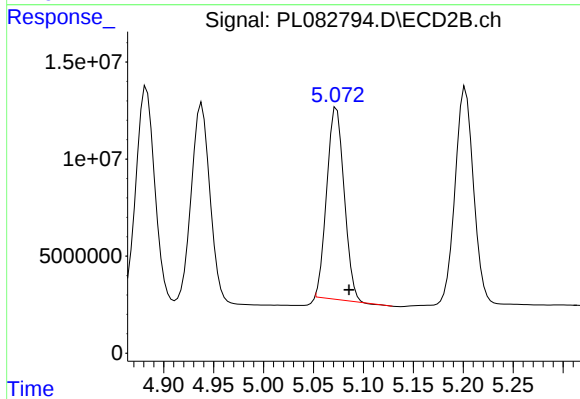
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: -0.012 min
Response: 151428060
Conc: 52.17 ng/ml



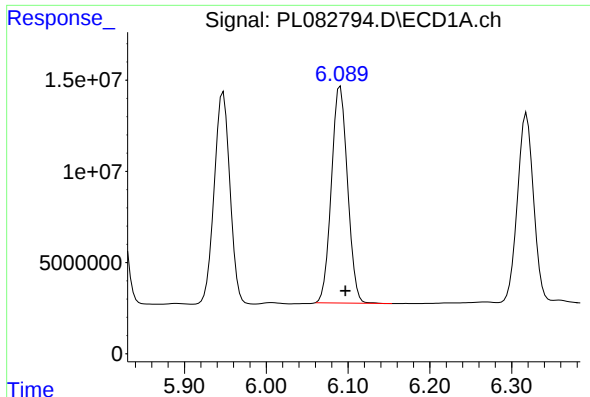
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 153886470
Conc: 60.54 ng/ml



#12 4,4'-DDE

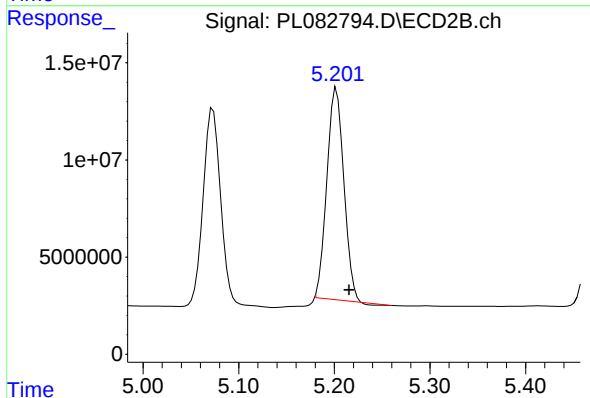
R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 119184125
Conc: 51.84 ng/ml



#13 Dieldrin

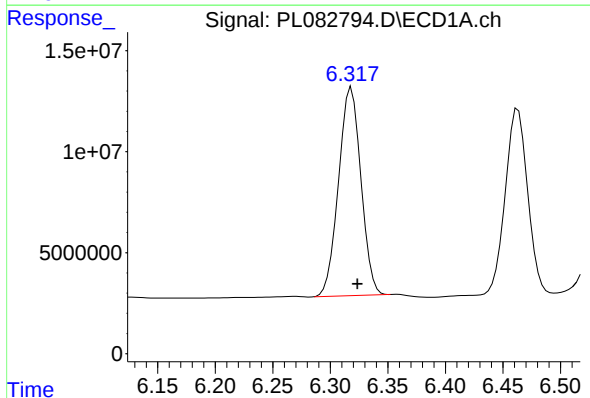
R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 162996736
Conc: 59.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



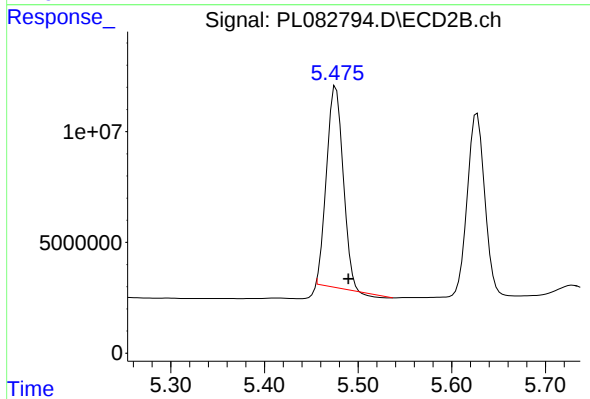
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 132943987
Conc: 49.23 ng/ml



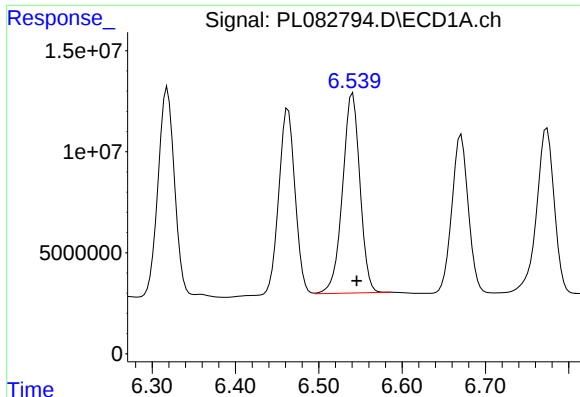
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 139851895
Conc: 57.68 ng/ml



#14 Endrin

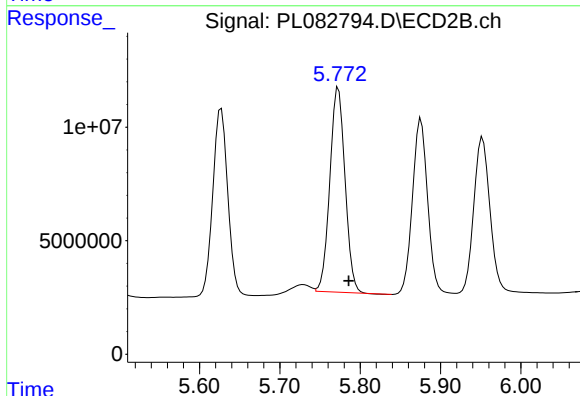
R.T.: 5.476 min
Delta R.T.: -0.013 min
Response: 110847281
Conc: 45.32 ng/ml



#15 Endosulfan II

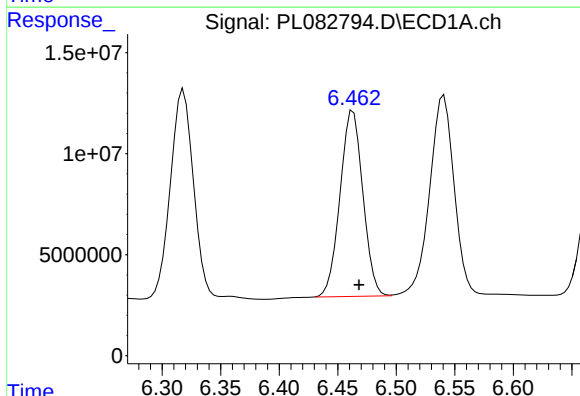
R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 143449701
Conc: 58.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



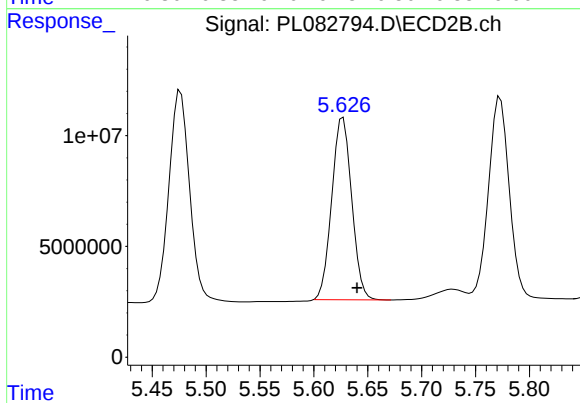
#15 Endosulfan II

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 118737118
Conc: 52.68 ng/ml



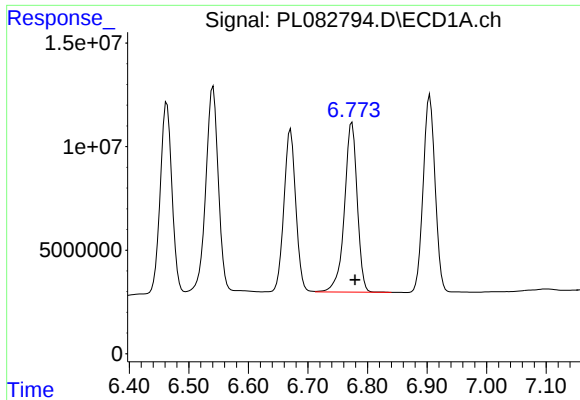
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 124881003
Conc: 61.60 ng/ml



#16 4,4'-DDD

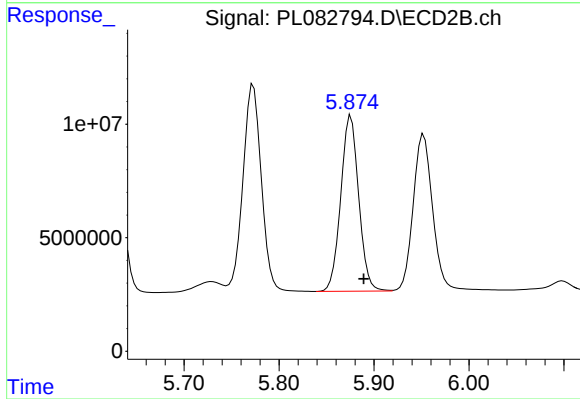
R.T.: 5.627 min
Delta R.T.: -0.013 min
Response: 106002427
Conc: 56.67 ng/ml



#17 4,4'-DDT

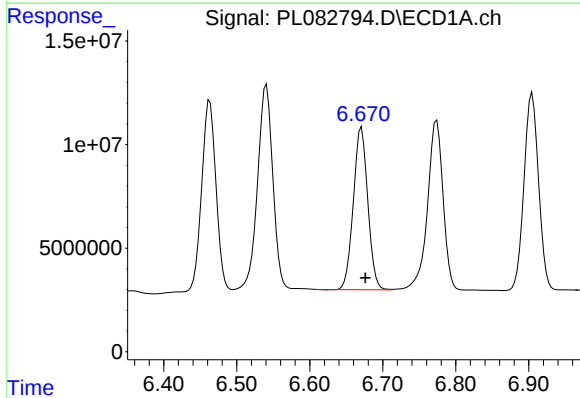
R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 121731912
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



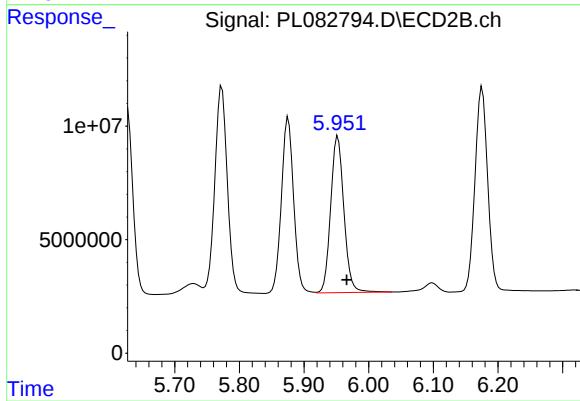
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: -0.013 min
Response: 101743818
Conc: 48.16 ng/ml



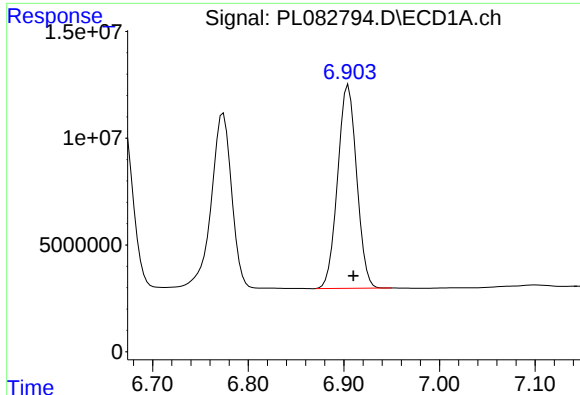
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 107723813
Conc: 57.17 ng/ml



#18 Endrin aldehyde

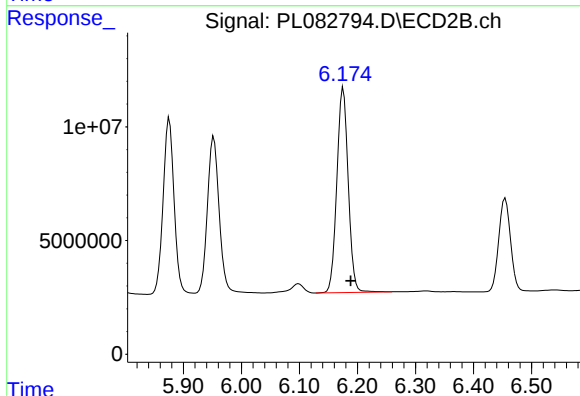
R.T.: 5.952 min
Delta R.T.: -0.014 min
Response: 97884774
Conc: 52.31 ng/ml



#19 Endosulfan Sulfate

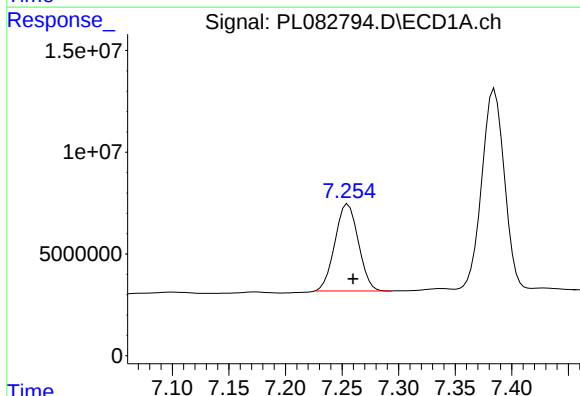
R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 131935213
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



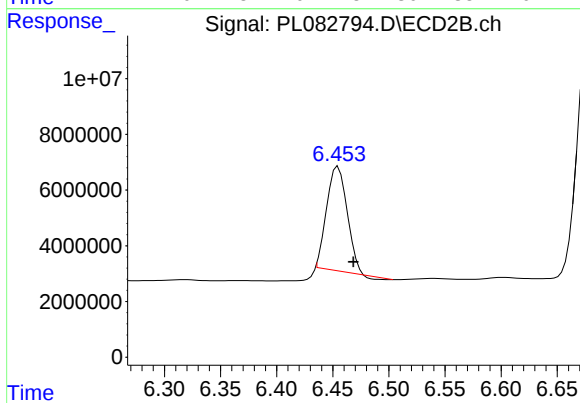
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.013 min
Response: 123347425
Conc: 52.39 ng/ml



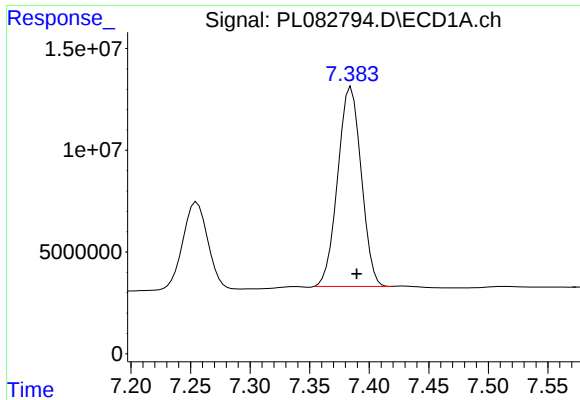
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 61564392
Conc: 50.45 ng/ml



#20 Methoxychlor

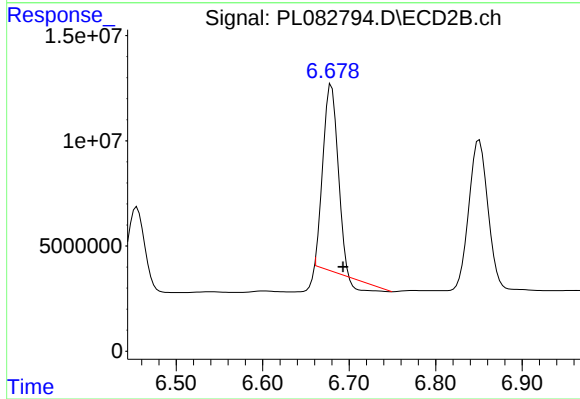
R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 47012964
Conc: 38.79 ng/ml



#21 Endrin ketone

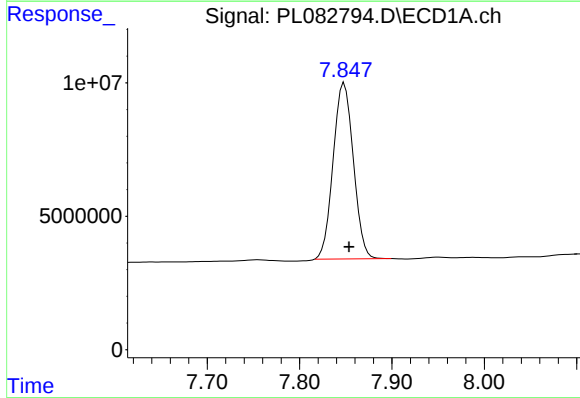
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 134622759
Conc: 56.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



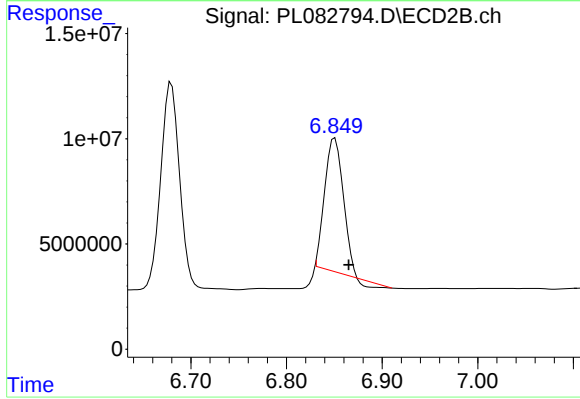
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.013 min
Response: 99844364
Conc: 39.34 ng/ml



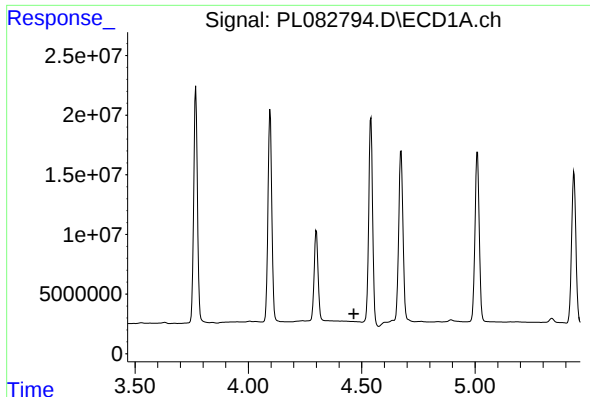
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 100470119
Conc: 51.36 ng/ml



#22 Mirex

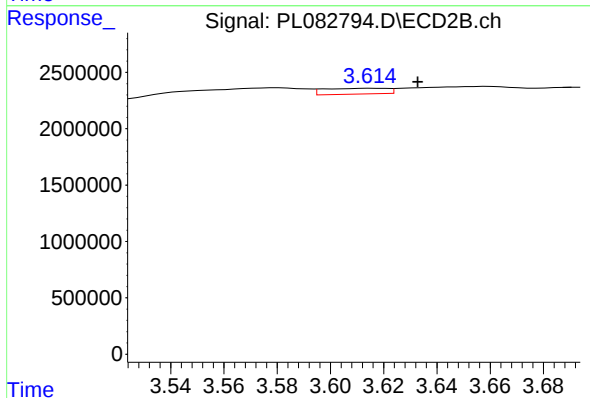
R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 81174662
Conc: 35.23 ng/ml



#23 Chlordane-1

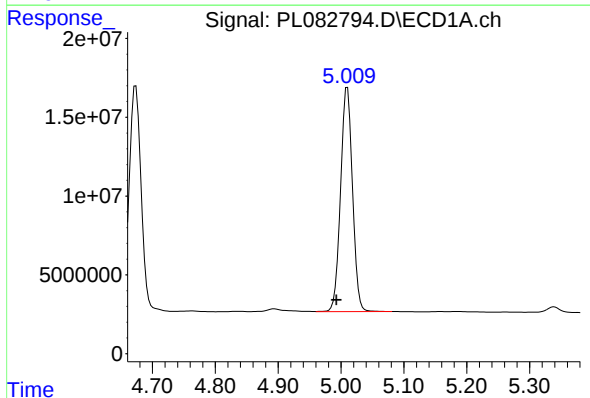
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



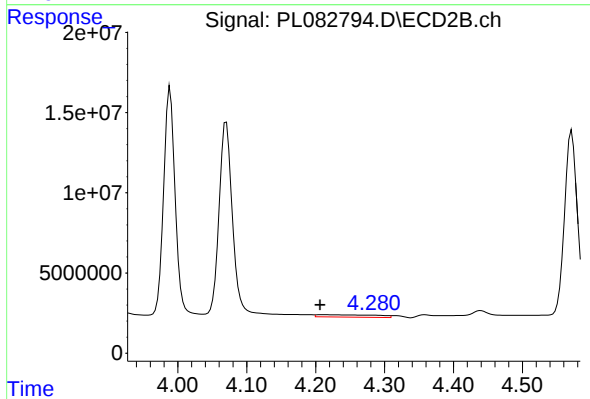
#23 Chlordane-1

R.T.: 3.616 min
Delta R.T.: -0.017 min
Response: 846271
Conc: 9.54 ng/ml



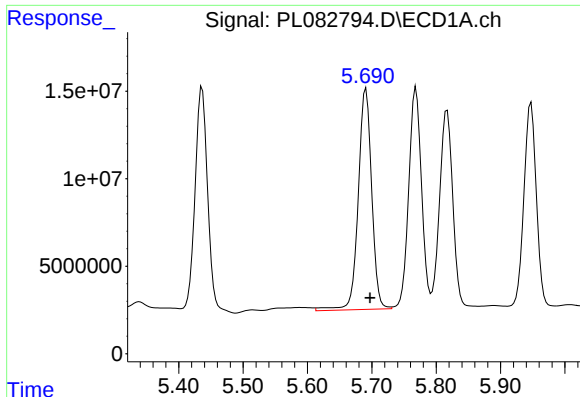
#24 Chlordane-2

R.T.: 5.010 min
Delta R.T.: 0.018 min
Response: 187707978
Conc: 1576.68 ng/ml



#24 Chlordane-2

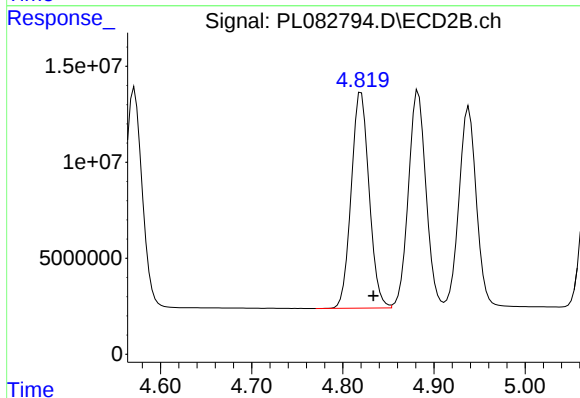
R.T.: 4.213 min
Delta R.T.: 0.006 min
Response: 8632783
Conc: 76.98 ng/ml



#25 Chlordane-3

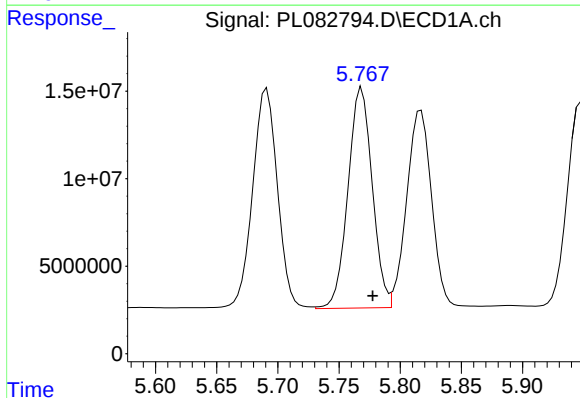
R.T.: 5.691 min
Delta R.T.: -0.007 min
Response: 183698077
Conc: 425.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



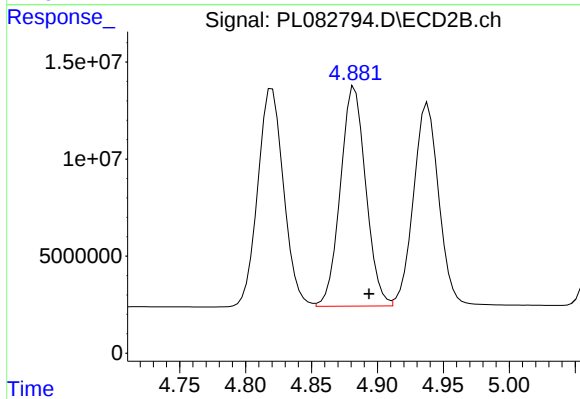
#25 Chlordane-3

R.T.: 4.820 min
Delta R.T.: -0.014 min
Response: 153382238
Conc: 539.87 ng/ml



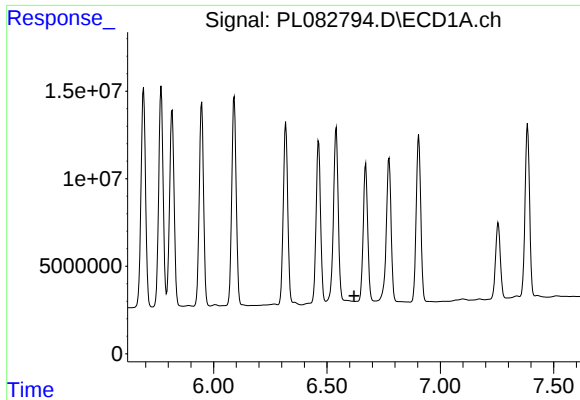
#26 Chlordane-4

R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 173507616
Conc: 333.72 ng/ml



#26 Chlordane-4

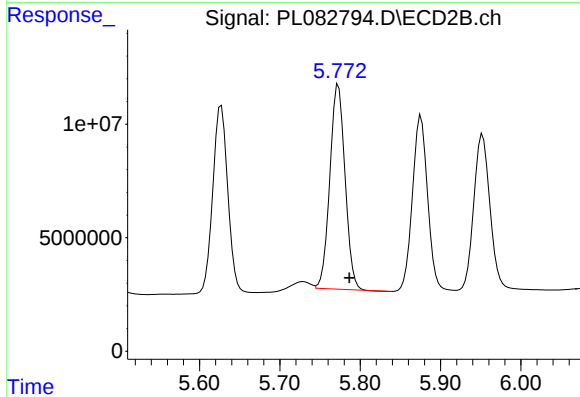
R.T.: 4.883 min
Delta R.T.: -0.011 min
Response: 151428060
Conc: 507.46 ng/ml



#27 Chlordane-5

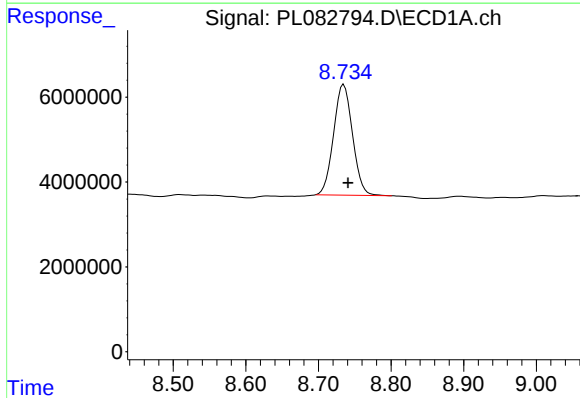
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



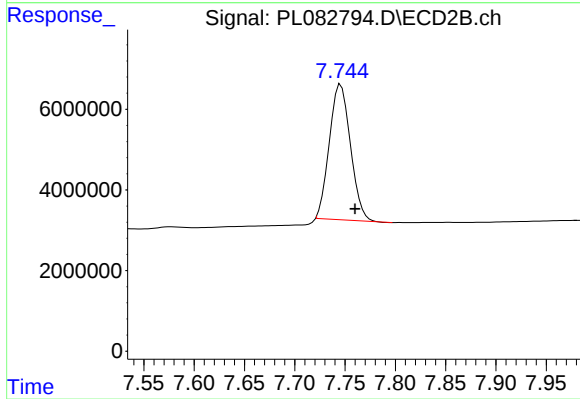
#27 Chlordane-5

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 118737118
Conc: 1202.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 47292909
Conc: 24.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.746 min
Delta R.T.: -0.014 min
Response: 48966703
Conc: 21.45 ng/ml