

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
 Data File : PL082424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2023 19:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 10:48:45 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...	3.322	2.645	136.7E6	118.1E6	51.160	50.973
28)	SA Decachlor...	8.744	7.759	96340575	110.9E6	50.464	48.605
Target Compounds							
2)	A alpha-BHC	3.771	3.143	209.0E6	175.4E6	52.502	51.547
3)	MA gamma-BHC...	4.099	3.470	191.7E6	165.2E6	51.283	51.369
4)	MA Heptachlor	4.678	3.802	182.0E6	164.2E6	49.800	47.957
5)	MB Aldrin	5.015	4.079	169.6E6	159.4E6	51.435	50.601
6)	B beta-BHC	4.302	3.770	83546460	69115911	48.986	50.657
7)	B delta-BHC	4.544	3.996	187.9E6	158.4E6	52.223	51.631
8)	B Heptachlo...	5.442	4.580	156.3E6	143.0E6	51.225	49.626
9)	A Endosulfan I	5.822	4.948	142.6E6	133.8E6	51.431	50.135
10)	B gamma-Chl...	5.696	4.829	158.8E6	145.0E6	52.818	49.972
11)	B alpha-Chl...	5.774	4.892	151.5E6	144.0E6	50.763	49.610
12)	B 4,4'-DDE	5.952	5.083	134.5E6	121.3E6	52.919	52.747
13)	MA Dieldrin	6.097	5.212	141.5E6	134.7E6	51.277	49.896
14)	MA Endrin	6.324	5.487	118.0E6	114.1E6	48.653	46.644
15)	B Endosulfa...	6.546	5.784	117.9E6	113.2E6	48.437	50.218
16)	A 4,4'-DDD	6.468	5.638	111.6E6	101.5E6	55.035	54.283
17)	MA 4,4'-DDT	6.779	5.886	108.8E6	101.0E6	47.540	47.830
18)	B Endrin al...	6.676	5.963	95947425	92040466	50.923	49.183
19)	B Endosulfa...	6.911	6.186	121.8E6	116.9E6	51.350	49.673
20)	A Methoxychlor	7.260	6.466	57281835	56159073	46.940	46.342
21)	B Endrin ke...	7.391	6.691	127.2E6	131.4E6	53.135	51.788
22)	Mirex	7.855	6.863	98081533	108.9E6	50.136	47.268
23)	Chlordane-1	0.000	3.650f	0	1167994	N.D.	13.170 #
24)	Chlordane-2	5.015f	4.222f	169.6E6	2768340	1424.688	24.686 #
25)	Chlordane-3	5.696	4.829	158.8E6	145.0E6	367.882	510.407 #
26)	Chlordane-4	5.774	4.892	151.5E6	144.0E6	291.409	482.596 #
27)	Chlordane-5	0.000	5.784	0	113.2E6	N.D.	1146.742 #

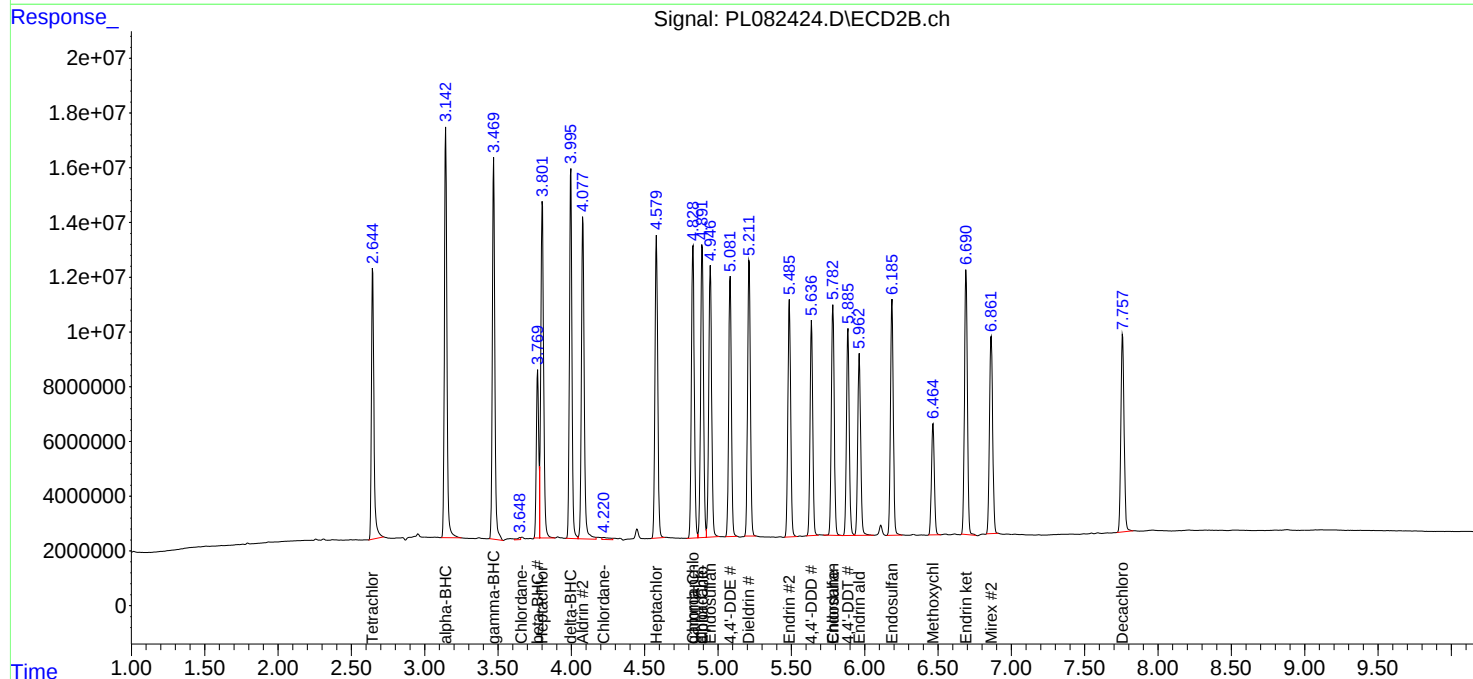
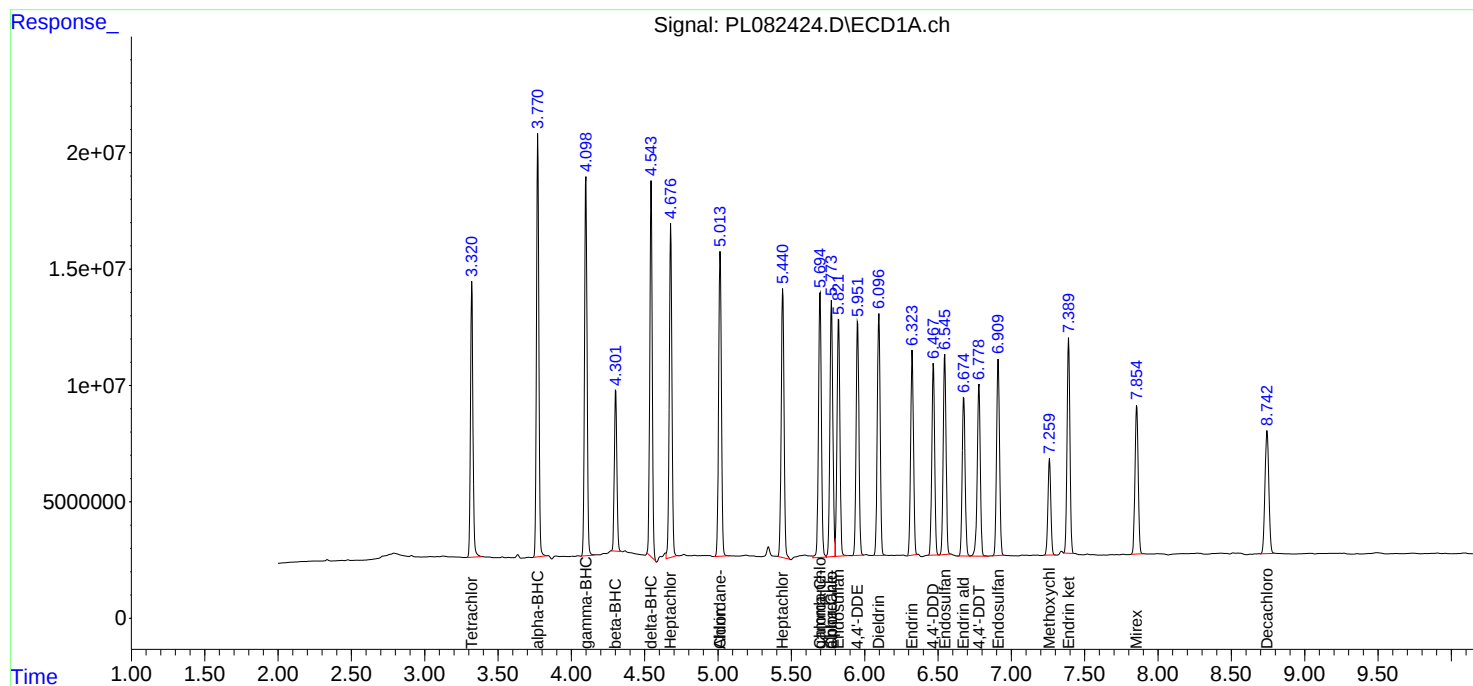
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

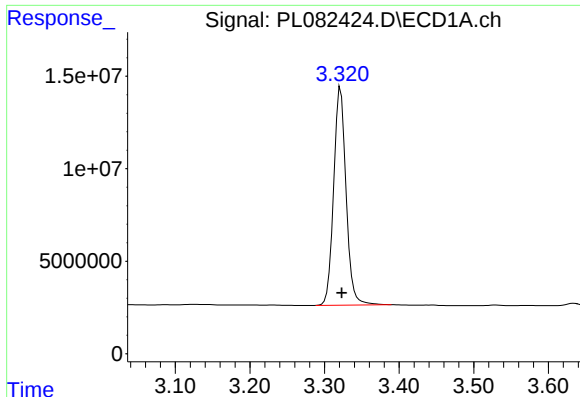
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

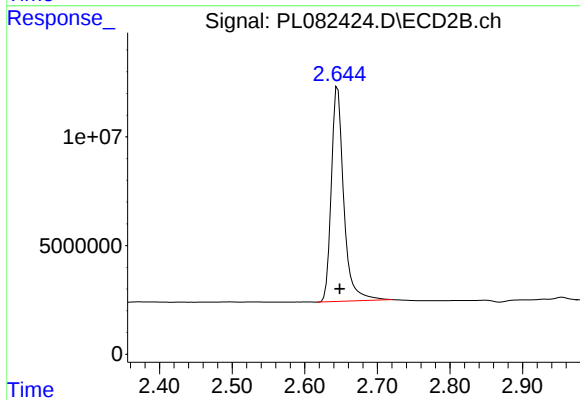




#1 Tetrachloro-m-xylene

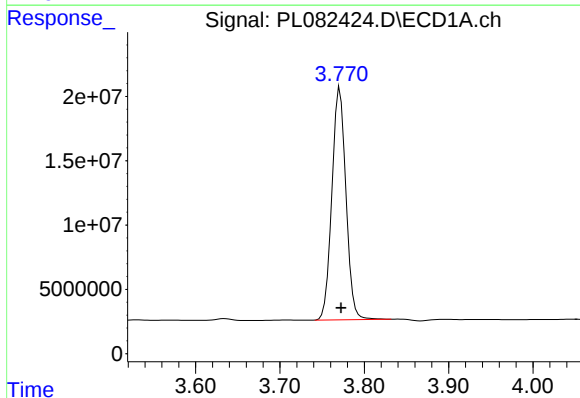
R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 136660336
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



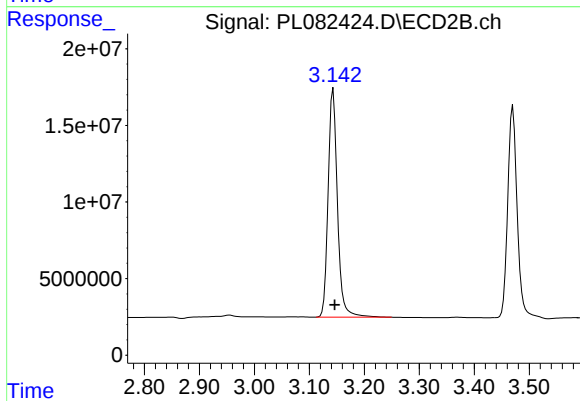
#1 Tetrachloro-m-xylene

R.T.: 2.645 min
Delta R.T.: -0.003 min
Response: 118090090
Conc: 50.97 ng/ml



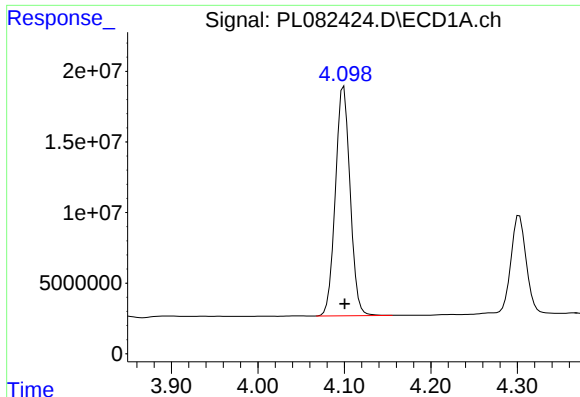
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 208971612
Conc: 52.50 ng/ml



#2 alpha-BHC

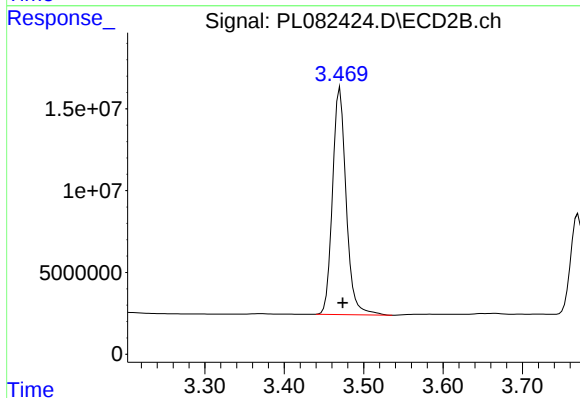
R.T.: 3.143 min
Delta R.T.: -0.003 min
Response: 175439605
Conc: 51.55 ng/ml



#3 gamma-BHC (Lindane)

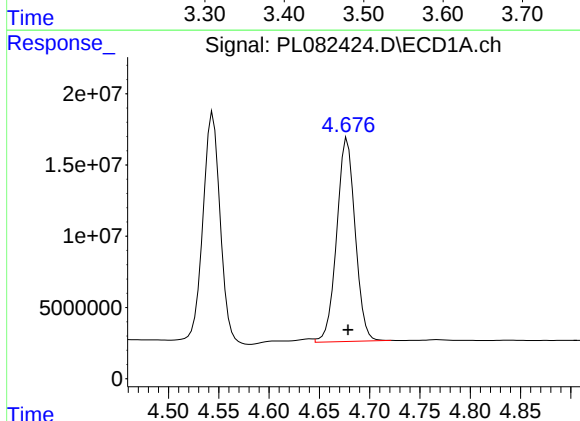
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 191744340
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



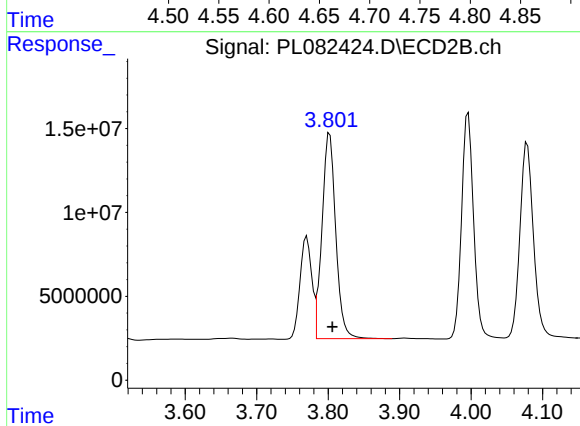
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.003 min
Response: 165166549
Conc: 51.37 ng/ml



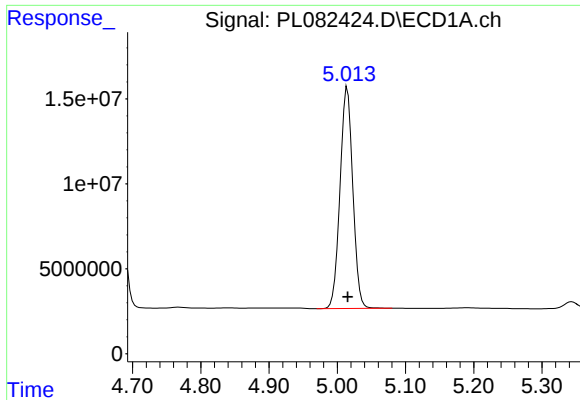
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 181966218
Conc: 49.80 ng/ml



#4 Heptachlor

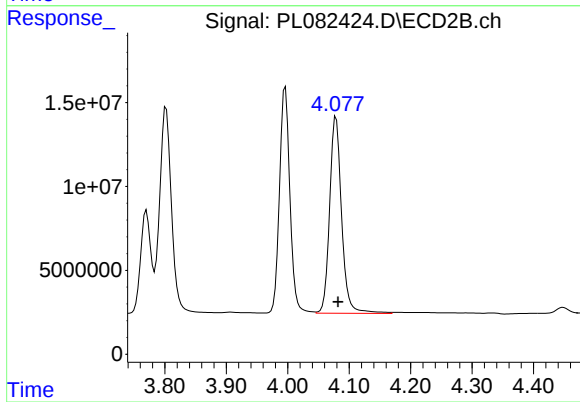
R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 164167738
Conc: 47.96 ng/ml



#5 Aldrin

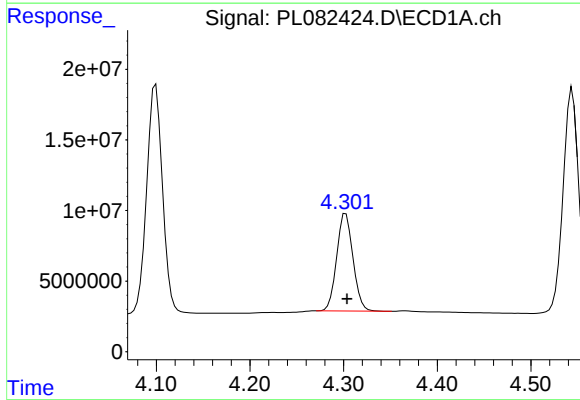
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 169612574
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



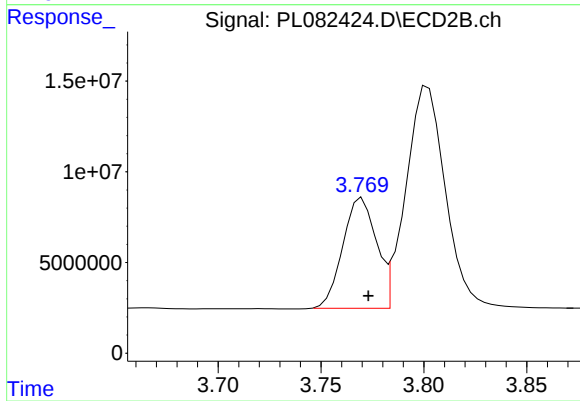
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.004 min
Response: 159385116
Conc: 50.60 ng/ml



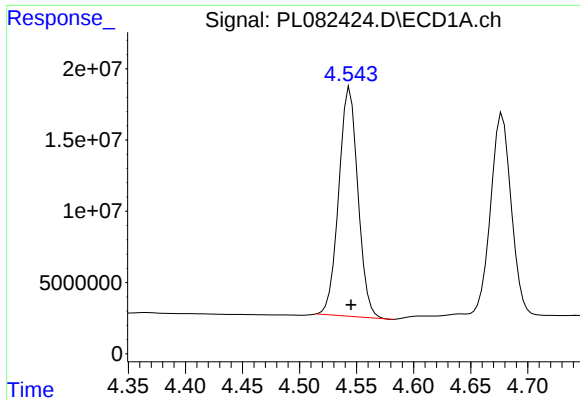
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 83546460
Conc: 48.99 ng/ml



#6 beta-BHC

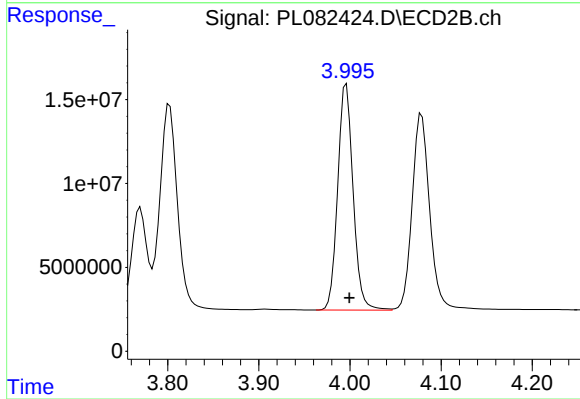
R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 69115911
Conc: 50.66 ng/ml



#7 delta-BHC

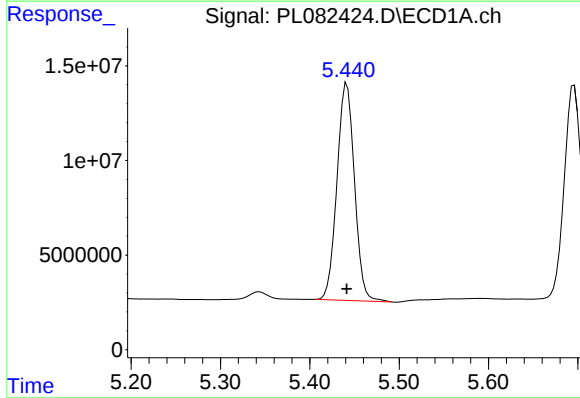
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 187888486
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



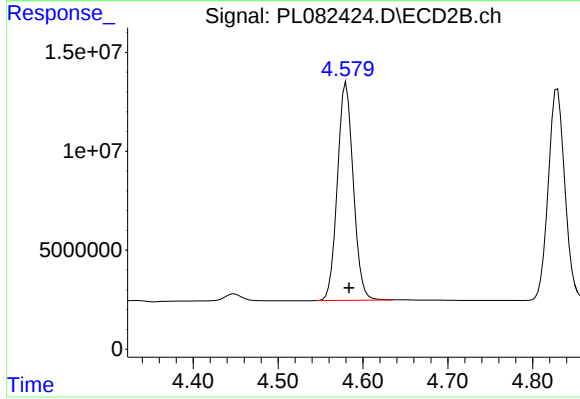
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 158371107
Conc: 51.63 ng/ml



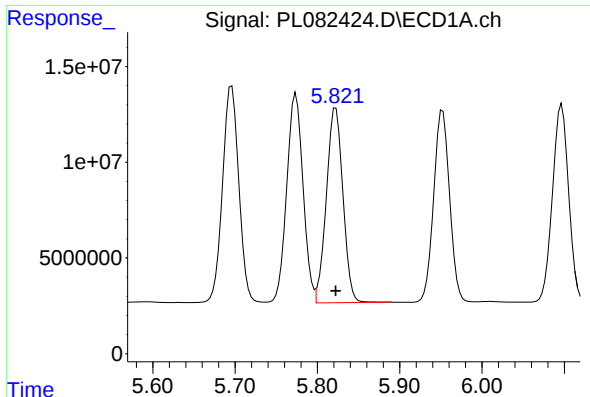
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 156253310
Conc: 51.22 ng/ml



#8 Heptachlor epoxide

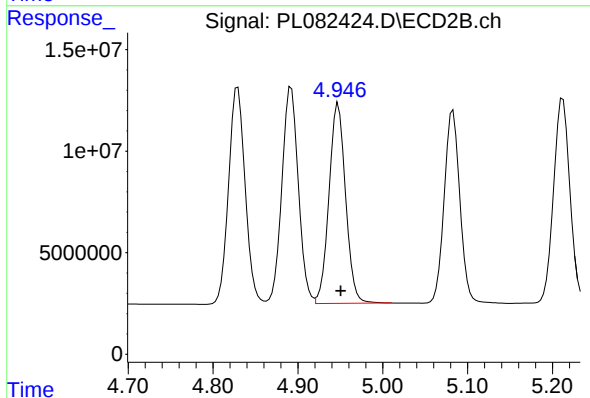
R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 142967596
Conc: 49.63 ng/ml



#9 Endosulfan I

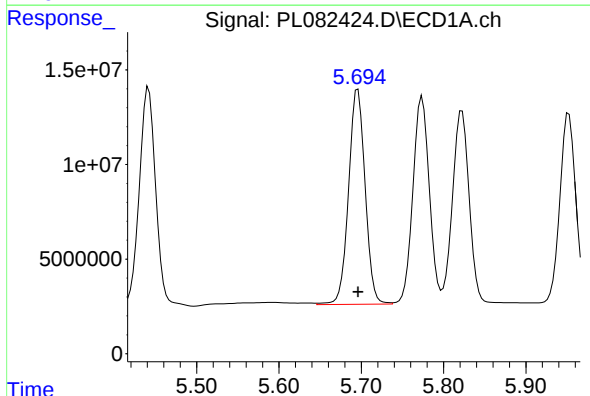
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 142604957
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



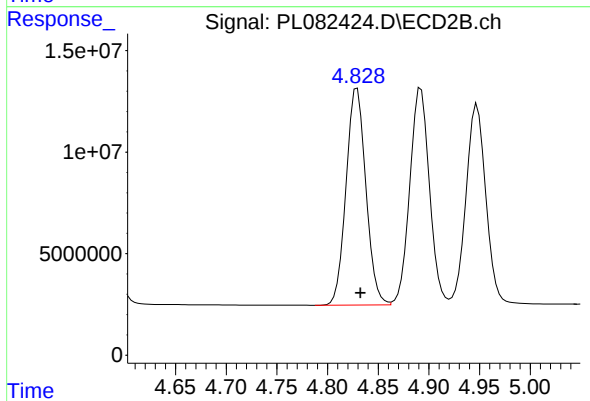
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 133833072
Conc: 50.14 ng/ml



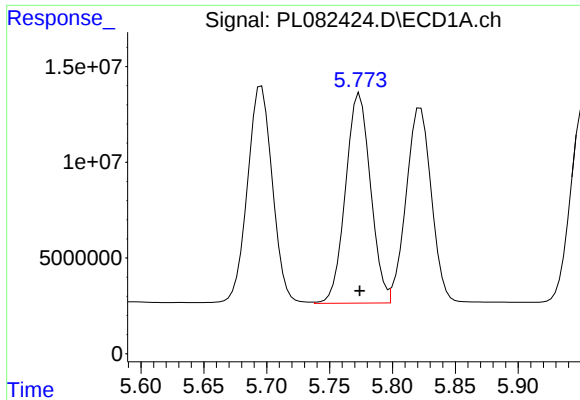
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 158816124
Conc: 52.82 ng/ml



#10 gamma-Chlordane

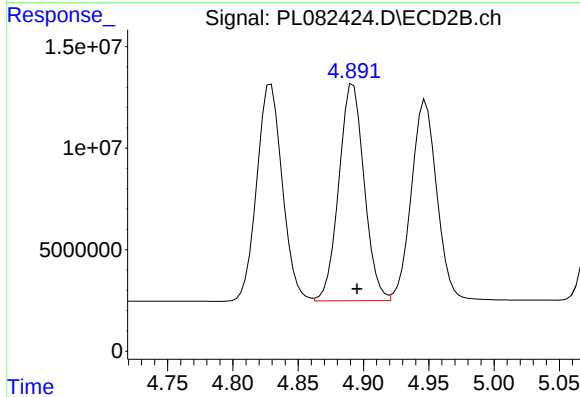
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 145011465
Conc: 49.97 ng/ml



#11 alpha-Chlordane

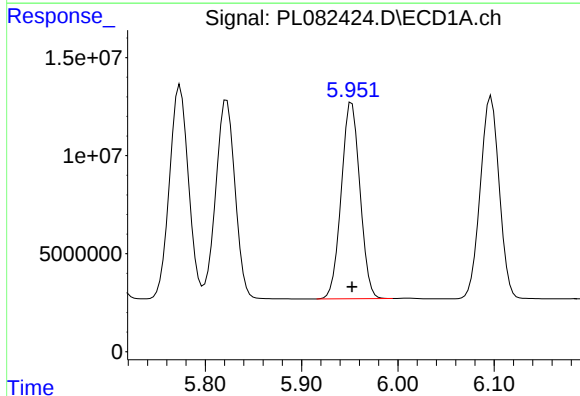
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 151507814
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



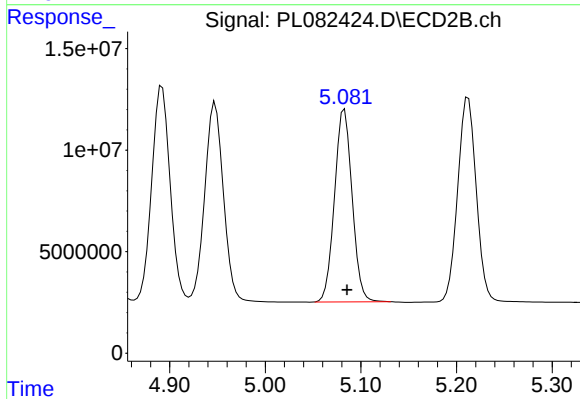
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 144009771
Conc: 49.61 ng/ml



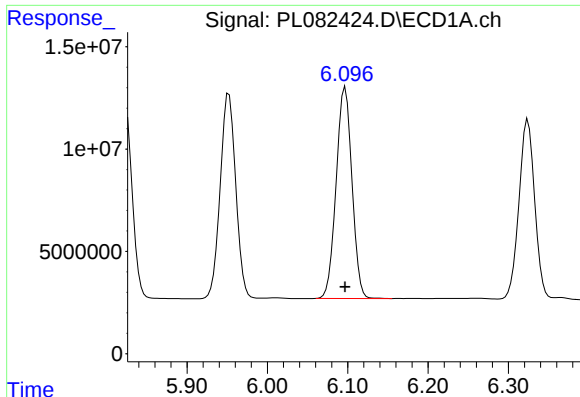
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 134522408
Conc: 52.92 ng/ml



#12 4,4'-DDE

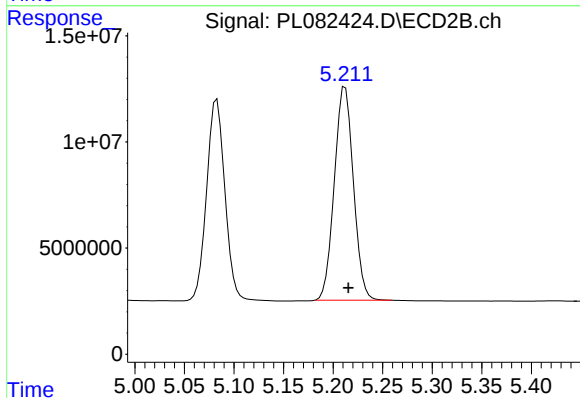
R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 121264132
Conc: 52.75 ng/ml



#13 Dieldrin

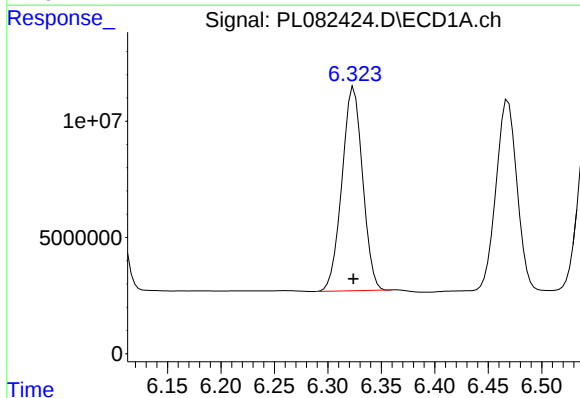
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 141478480
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



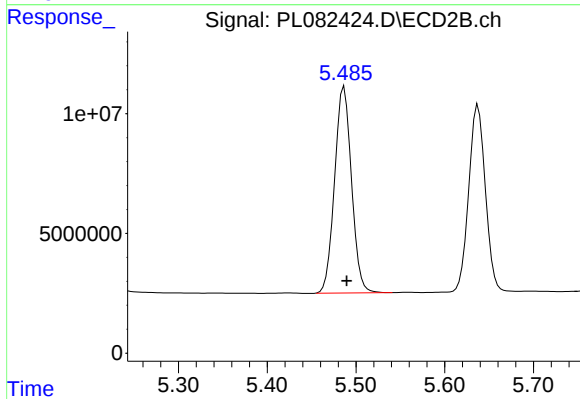
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 134739044
Conc: 49.90 ng/ml



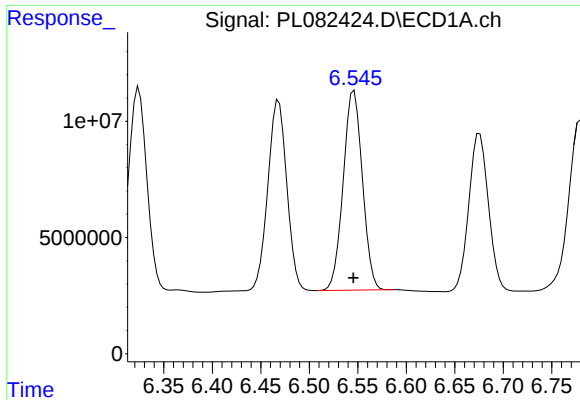
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 117962672
Conc: 48.65 ng/ml



#14 Endrin

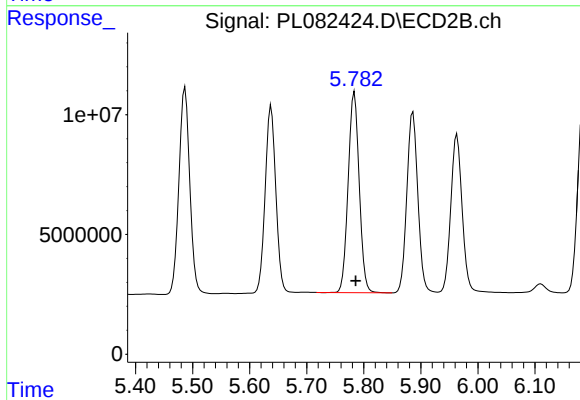
R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 114088558
Conc: 46.64 ng/ml



#15 Endosulfan II

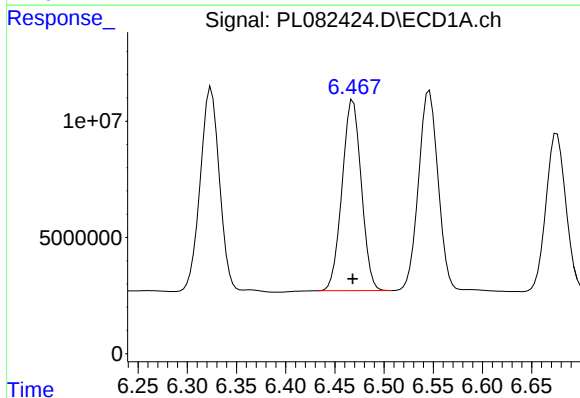
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 117923660
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



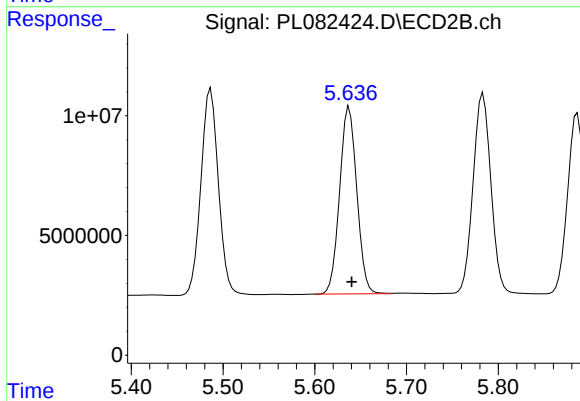
#15 Endosulfan II

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 113197632
Conc: 50.22 ng/ml



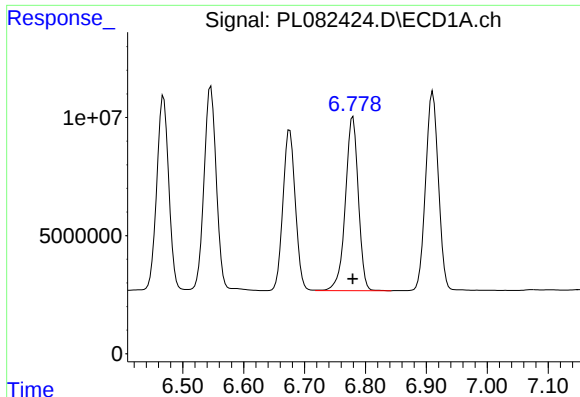
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 111567412
Conc: 55.04 ng/ml



#16 4,4'-DDD

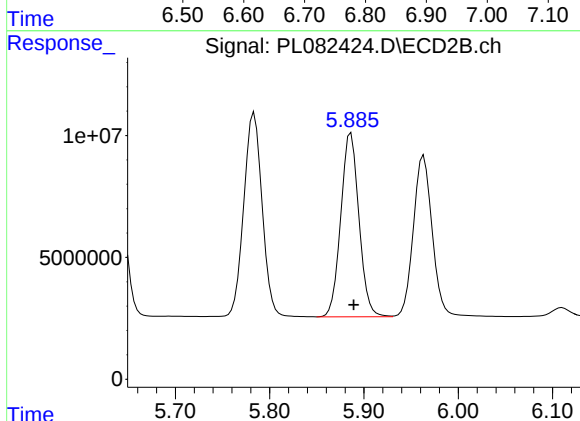
R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 101531781
Conc: 54.28 ng/ml



#17 4,4'-DDT

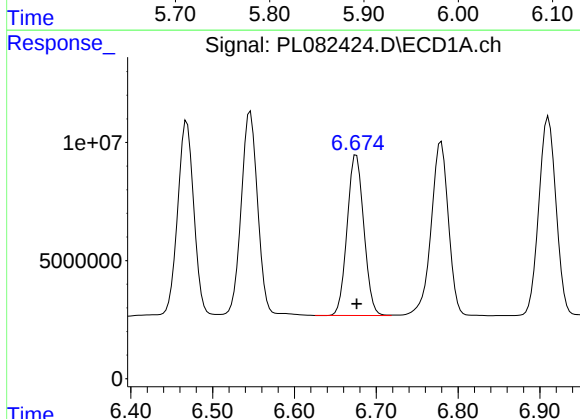
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 108758502
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



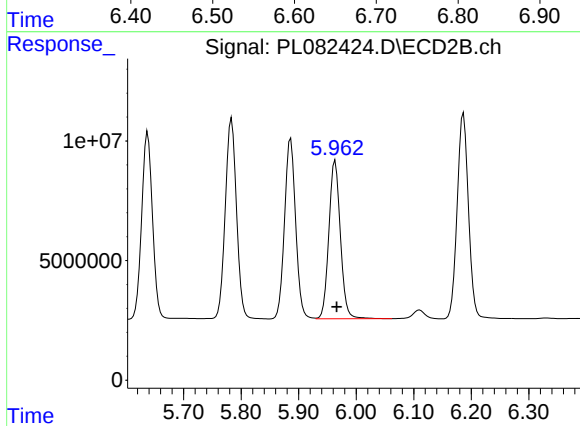
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 101045902
Conc: 47.83 ng/ml



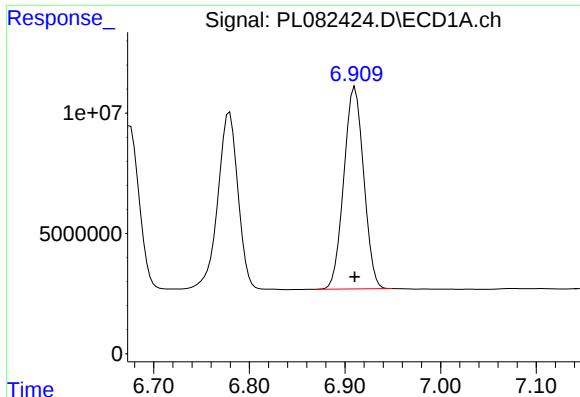
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 95947425
Conc: 50.92 ng/ml



#18 Endrin aldehyde

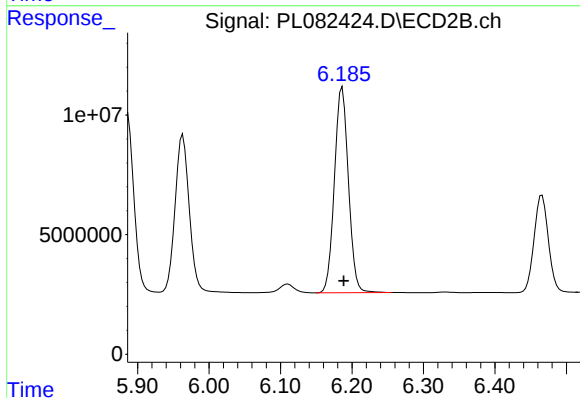
R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 92040466
Conc: 49.18 ng/ml



#19 Endosulfan Sulfate

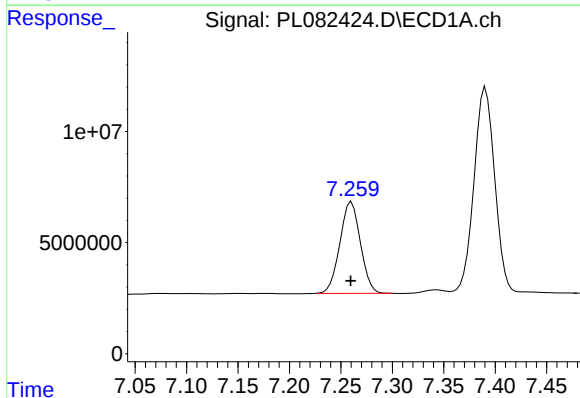
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 121778679
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



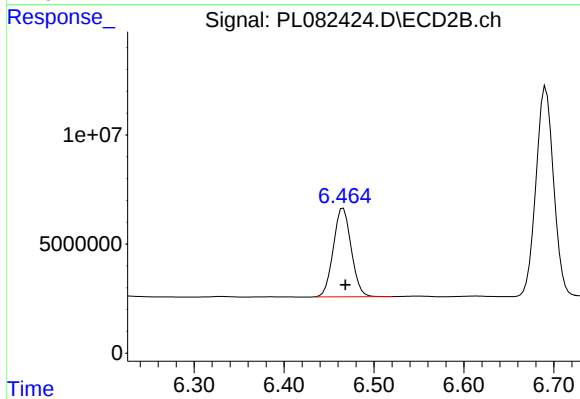
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 116943521
Conc: 49.67 ng/ml



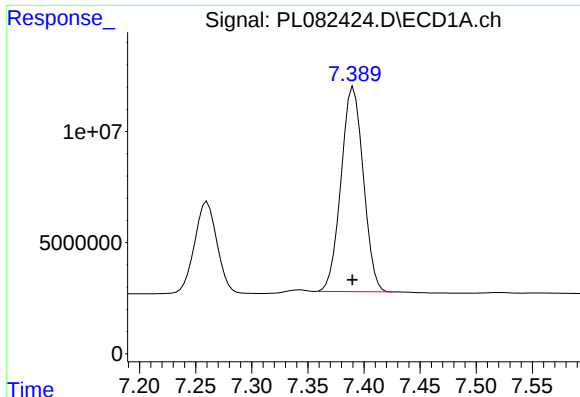
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 57281835
Conc: 46.94 ng/ml



#20 Methoxychlor

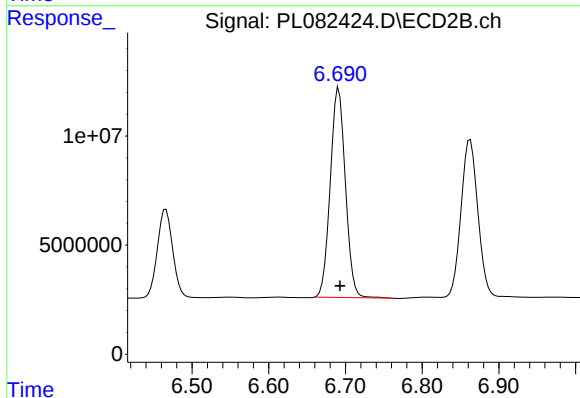
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 56159073
Conc: 46.34 ng/ml



#21 Endrin ketone

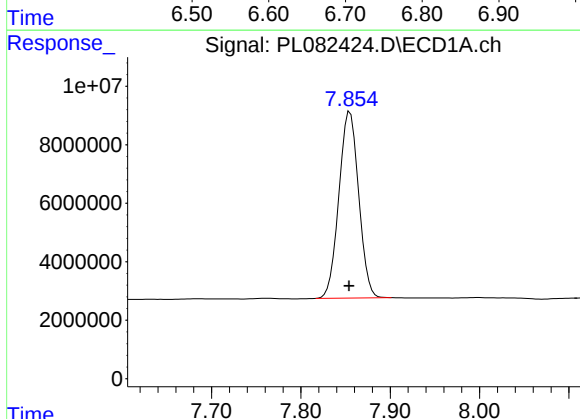
R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 127226510
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



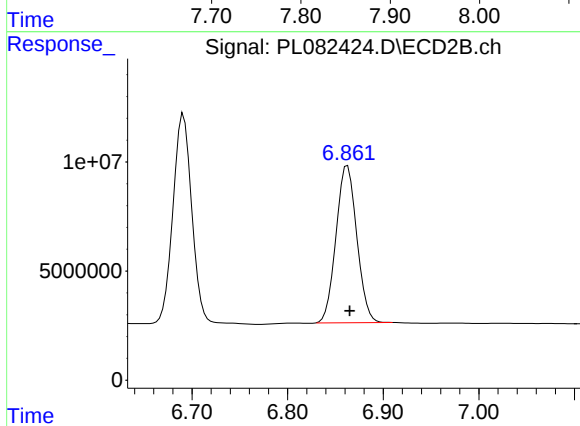
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 131447411
Conc: 51.79 ng/ml



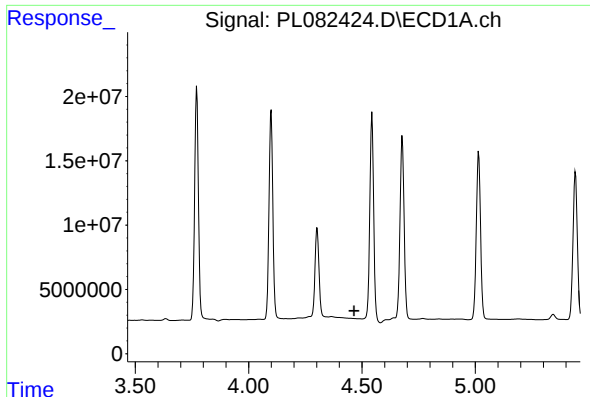
#22 Mirex

R.T.: 7.855 min
Delta R.T.: 0.001 min
Response: 98081533
Conc: 50.14 ng/ml



#22 Mirex

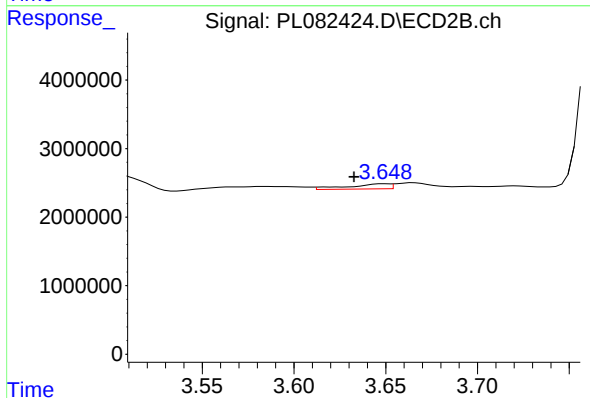
R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 108916911
Conc: 47.27 ng/ml



#23 Chlordane-1

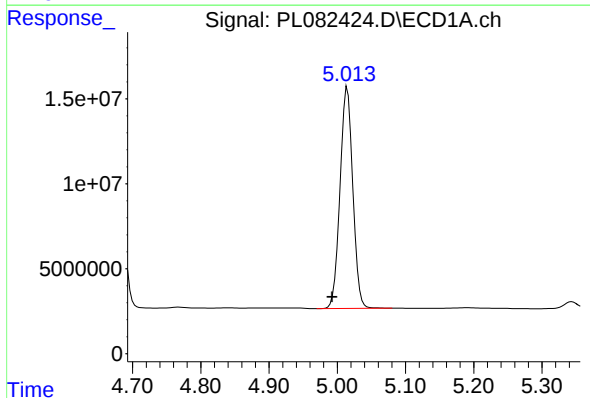
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



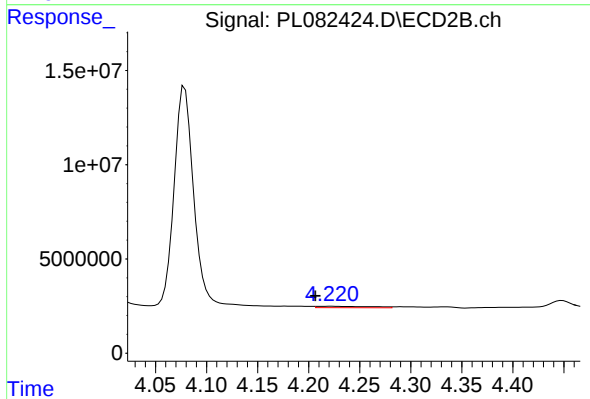
#23 Chlordane-1

R.T.: 3.650 min
Delta R.T.: 0.017 min
Response: 1167994
Conc: 13.17 ng/ml



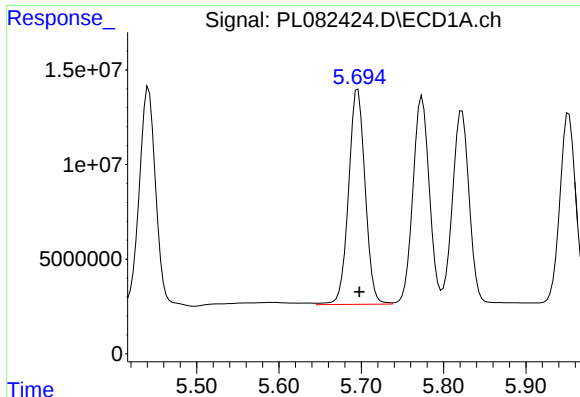
#24 Chlordane-2

R.T.: 5.015 min
Delta R.T.: 0.022 min
Response: 169612574
Conc: 1424.69 ng/ml



#24 Chlordane-2

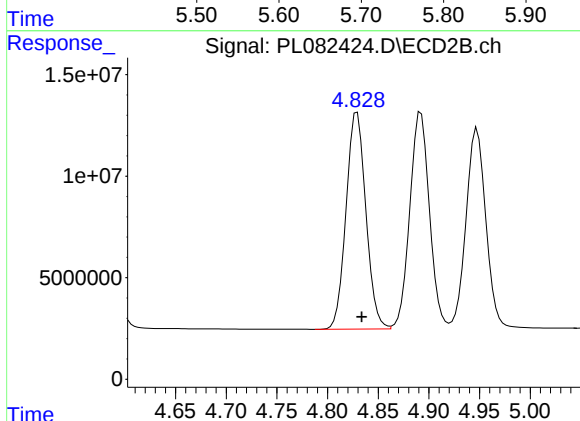
R.T.: 4.222 min
Delta R.T.: 0.015 min
Response: 2768340
Conc: 24.69 ng/ml



#25 Chlordane-3

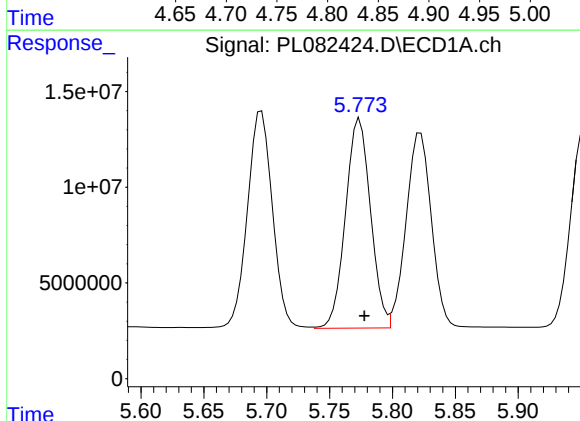
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 158816124
Conc: 367.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



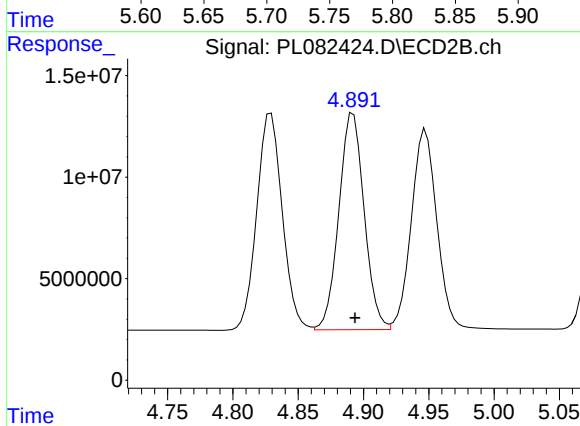
#25 Chlordane-3

R.T.: 4.829 min
Delta R.T.: -0.005 min
Response: 145011465
Conc: 510.41 ng/ml



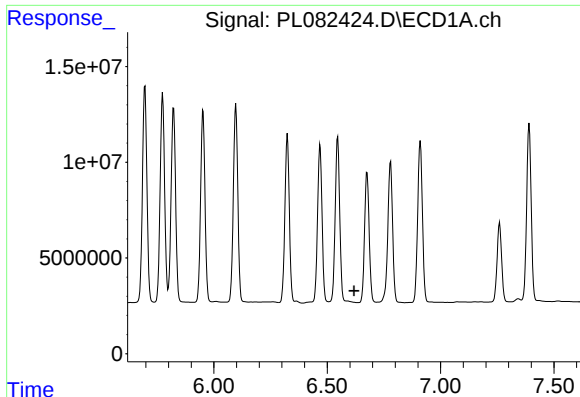
#26 Chlordane-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 151507814
Conc: 291.41 ng/ml



#26 Chlordane-4

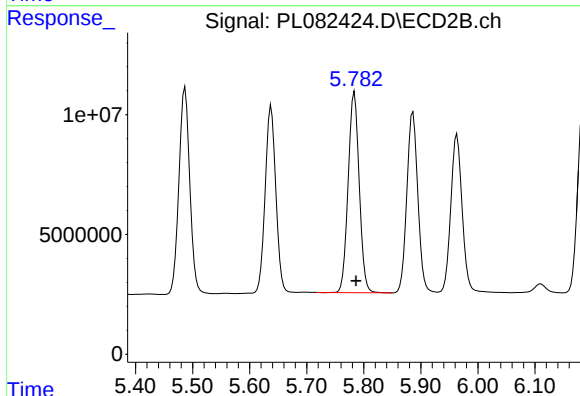
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 144009771
Conc: 482.60 ng/ml



#27 Chlordane-5

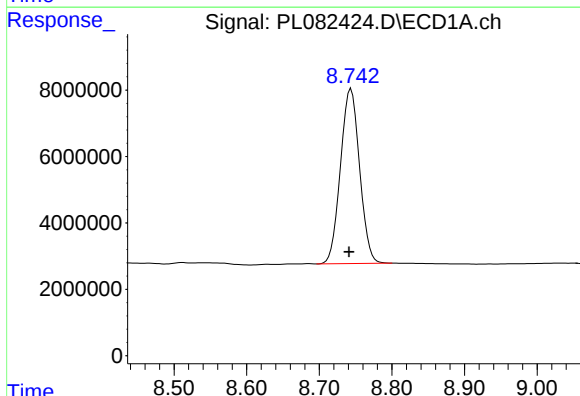
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



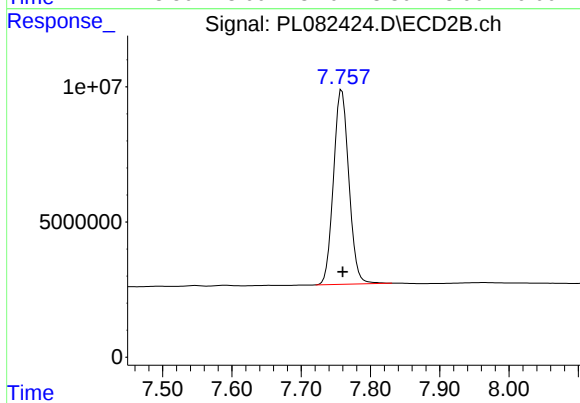
#27 Chlordane-5

R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 113197632
Conc: 1146.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.003 min
Response: 96340575
Conc: 50.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 110941634
Conc: 48.61 ng/ml