

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 21:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:25:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.455	2.753	104.5E6	117.9E6	47.298	50.620
28)	SA Decachlor...	8.991	7.961	89801676	112.0E6	47.126	45.607
Target Compounds							
2)	A alpha-BHC	3.912	3.264	150.2E6	219.2E6	48.254	64.939 #
3)	MA gamma-BHC...	4.245	3.596	139.4E6	165.9E6	48.907	51.686
4)	MA Heptachlor	4.837	3.943	129.3E6	154.7E6	46.781	49.986
5)	MB Aldrin	5.179	4.226	126.0E6	157.8E6	48.464	52.427
6)	B beta-BHC	4.444	3.898	68843572	75812428	53.211	50.799
7)	B delta-BHC	4.690	4.129	136.4E6	170.4E6	49.488	52.855
8)	B Heptachlo...	5.607	4.735	117.4E6	121.9E6	46.265	42.482
9)	A Endosulfan I	5.992	5.108	108.2E6	140.3E6	48.570	52.054
10)	B gamma-Chl...	5.864	4.989	117.5E6	154.5E6	48.823	52.226
11)	B alpha-Chl...	5.943	5.054	115.8E6	153.0E6	48.899	51.726
12)	B 4,4'-DDE	6.122	5.251	101.8E6	138.2E6	50.444	54.081
13)	MA Dieldrin	6.268	5.375	109.3E6	147.6E6	48.670	52.636
14)	MA Endrin	6.498	5.651	94062191	126.7E6	53.297	54.884
15)	B Endosulfa...	6.718	5.949	91709361	126.4E6	49.135	53.253
16)	A 4,4'-DDD	6.641	5.809	91899236	126.2E6	53.823	57.235
17)	MA 4,4'-DDT	6.955	6.064	73401937	94032695	43.597	45.038
18)	B Endrin al...	6.849	6.130	53680692	93734443	36.212	49.595 #
19)	B Endosulfa...	7.083	6.356	96426378	127.2E6	50.211	52.519
20)	A Methoxychlor	7.436	6.647	42962959	54698487	47.365	45.386
21)	B Endrin ke...	7.568	6.862	99931432	135.1E6	46.641	48.065
22)	Mirex	8.043	7.048	86633739	112.9E6	46.417	46.898
23)	Chlordane-1	0.000	3.758	0	239395	N.D.	2.442 #
24)	Chlordane-2	5.179f	4.359	126.0E6	172425	1160.869	1.434 #
25)	Chlordane-3	5.864	4.989	117.5E6	154.5E6	307.380	471.605 #
26)	Chlordane-4	5.943	5.054	115.8E6	153.0E6	250.473	453.951 #
27)	Chlordane-5	0.000	5.949	0	126.4E6	N.D.	1136.966 #

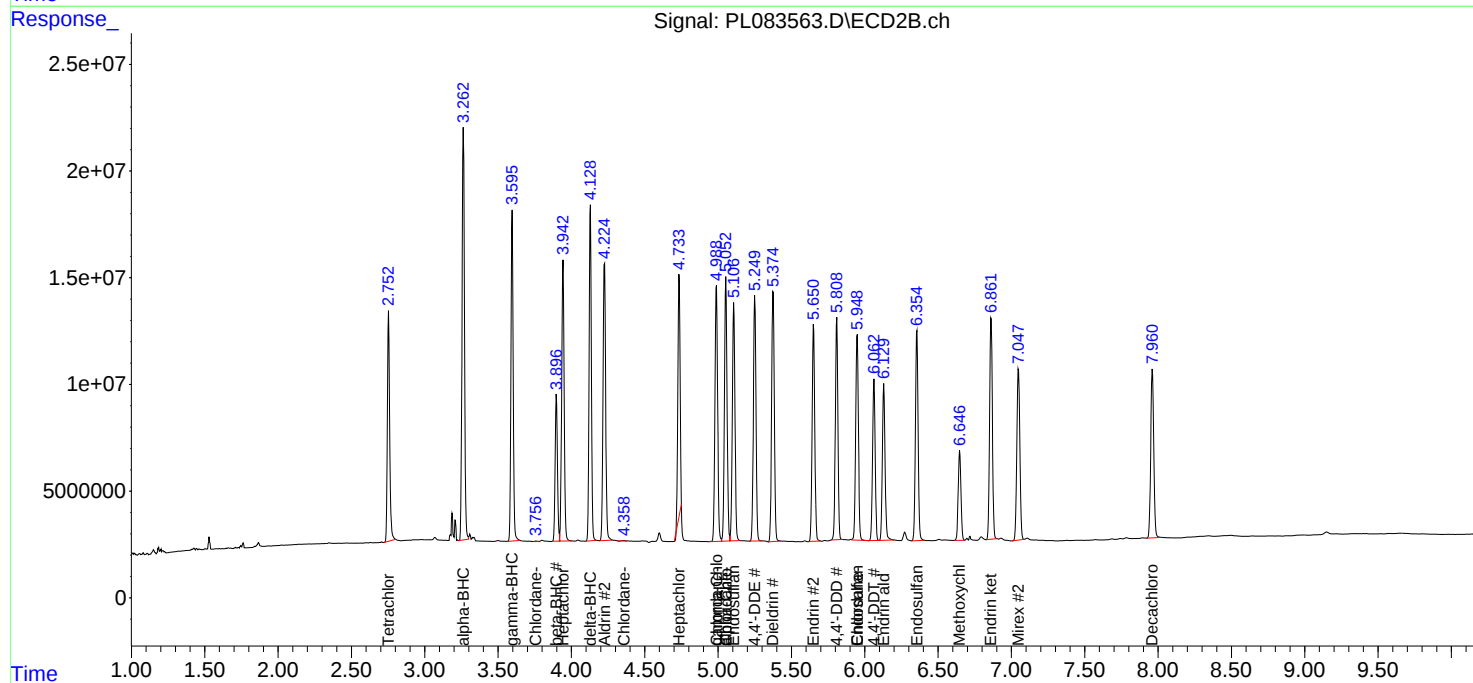
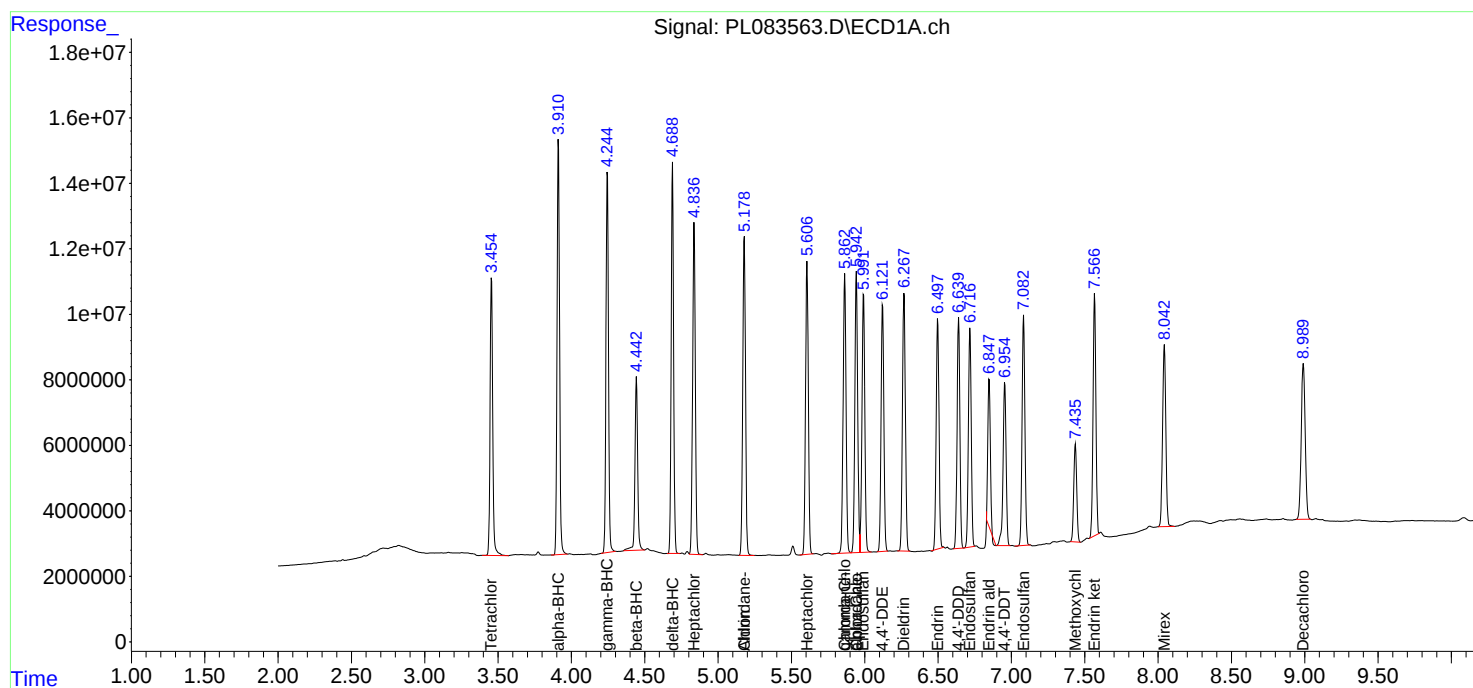
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

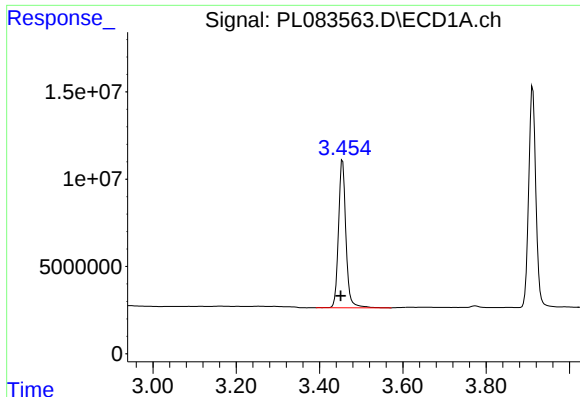
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

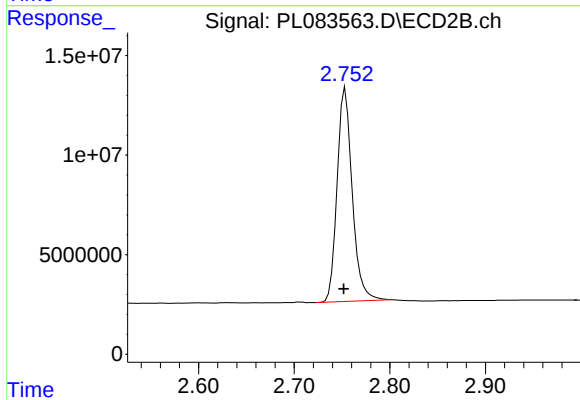




#1 Tetrachloro-m-xylene

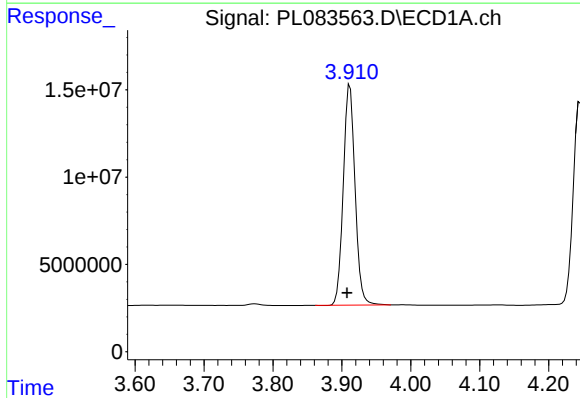
R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 104543160
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



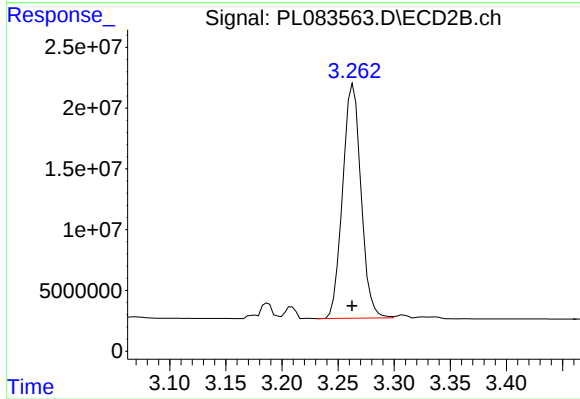
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.002 min
Response: 117911706
Conc: 50.62 ng/ml



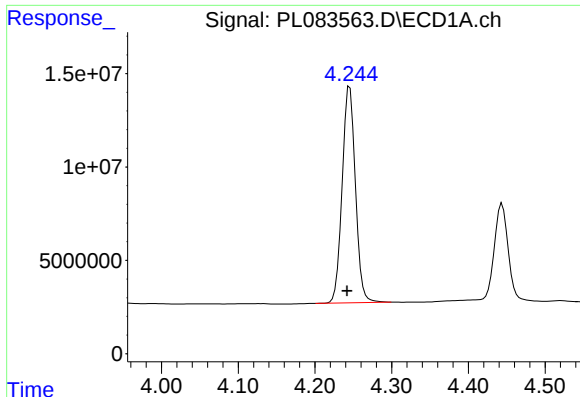
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 150233700
Conc: 48.25 ng/ml



#2 alpha-BHC

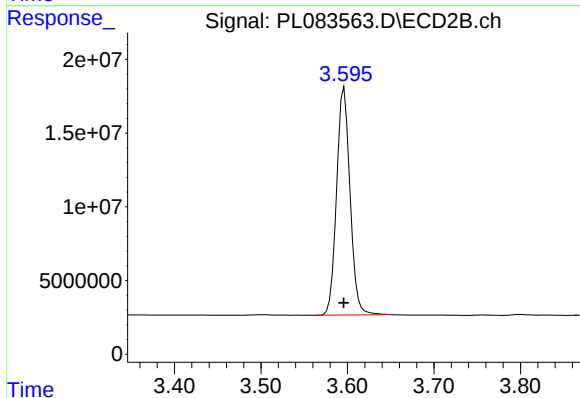
R.T.: 3.264 min
Delta R.T.: 0.001 min
Response: 219206466
Conc: 64.94 ng/ml



#3 gamma-BHC (Lindane)

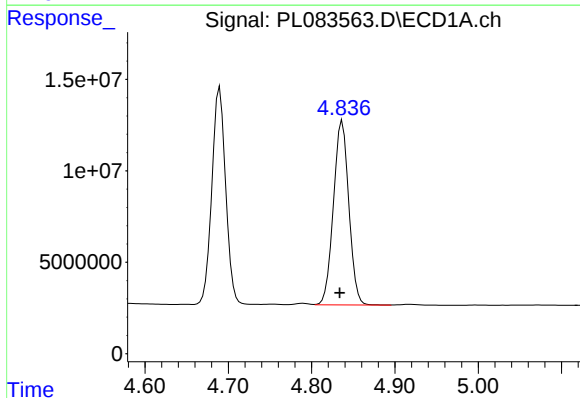
R.T.: 4.245 min
Delta R.T.: 0.003 min
Response: 139420886
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



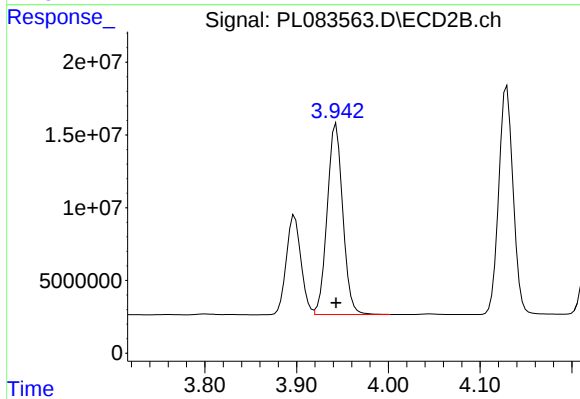
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 165943532
Conc: 51.69 ng/ml



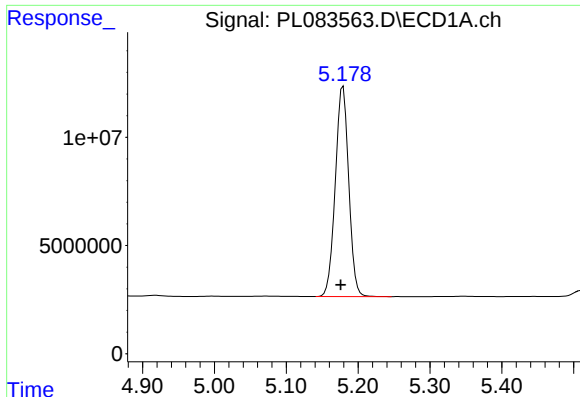
#4 Heptachlor

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 129344362
Conc: 46.78 ng/ml



#4 Heptachlor

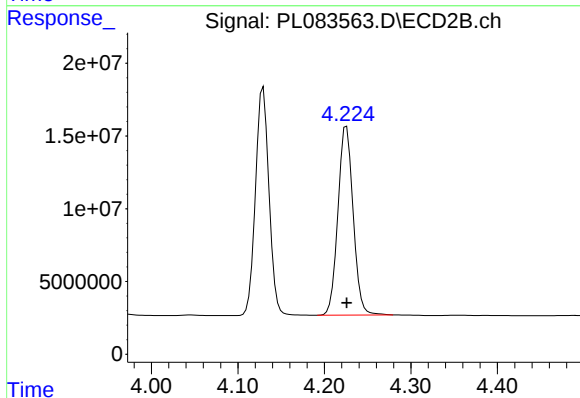
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 154738394
Conc: 49.99 ng/ml



#5 Aldrin

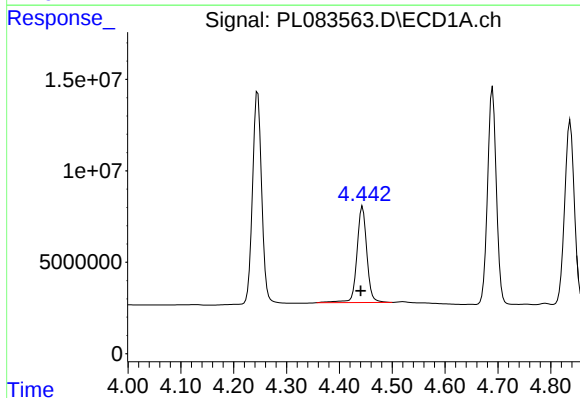
R.T.: 5.179 min
Delta R.T.: 0.003 min
Response: 125950285
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



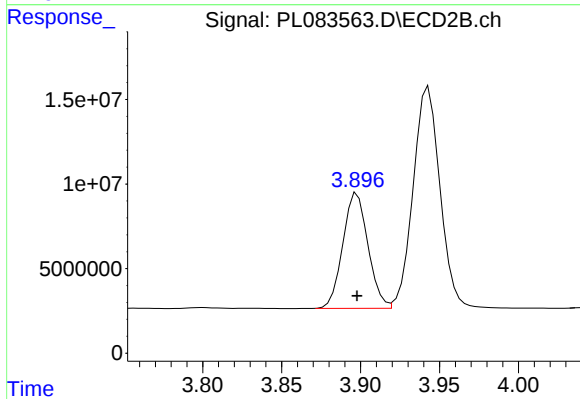
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 157835419
Conc: 52.43 ng/ml



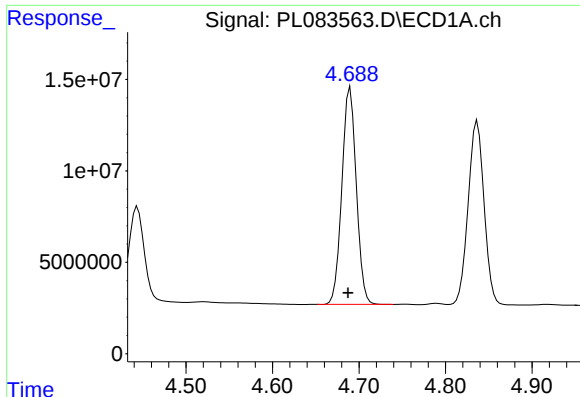
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: 0.004 min
Response: 68843572
Conc: 53.21 ng/ml



#6 beta-BHC

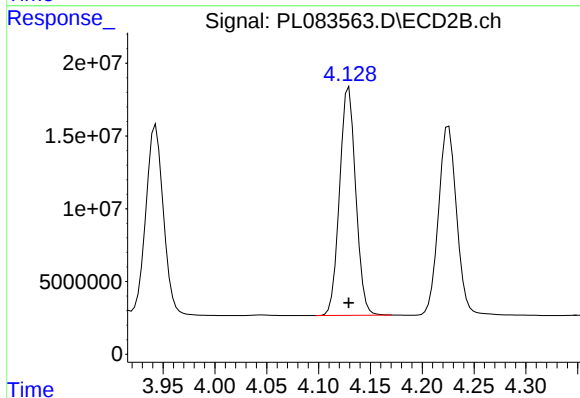
R.T.: 3.898 min
Delta R.T.: 0.000 min
Response: 75812428
Conc: 50.80 ng/ml



#7 delta-BHC

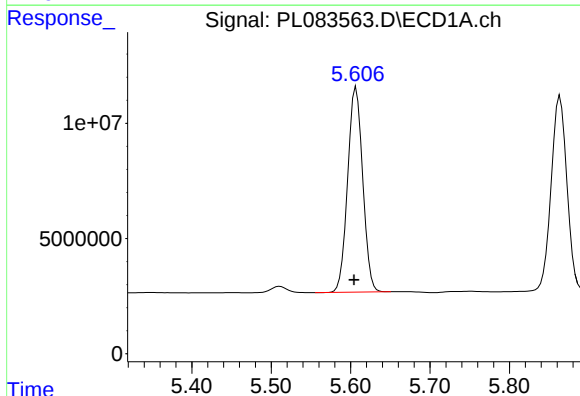
R.T.: 4.690 min
Delta R.T.: 0.003 min
Response: 136403428
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



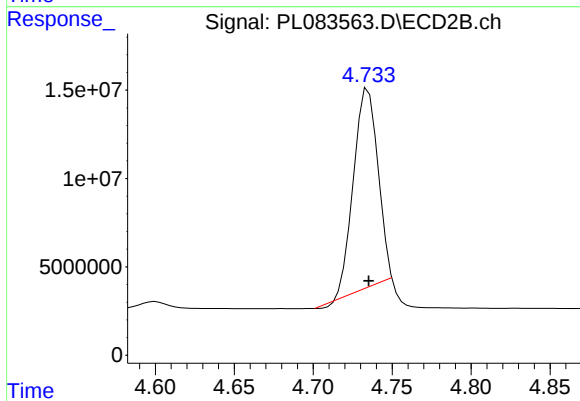
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 170363644
Conc: 52.86 ng/ml



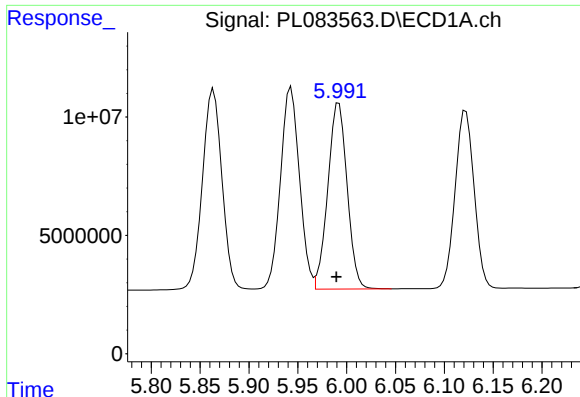
#8 Heptachlor epoxide

R.T.: 5.607 min
Delta R.T.: 0.002 min
Response: 117435982
Conc: 46.26 ng/ml



#8 Heptachlor epoxide

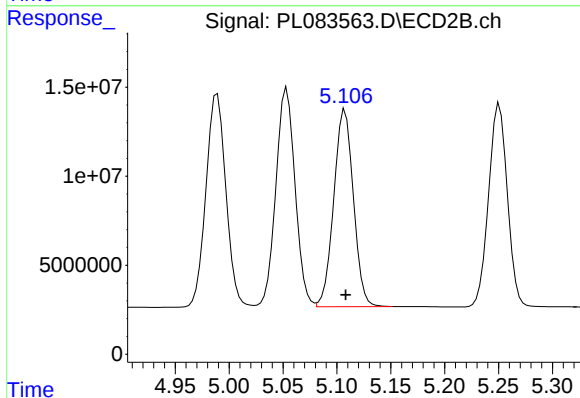
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 121943936
Conc: 42.48 ng/ml



#9 Endosulfan I

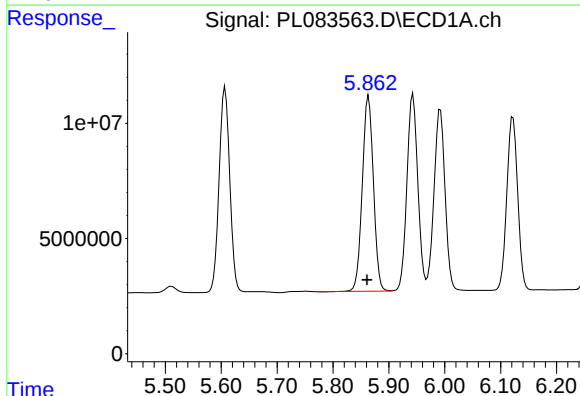
R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 108224505
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



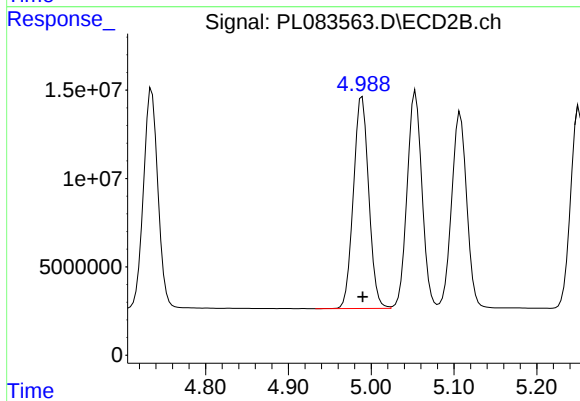
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 140289557
Conc: 52.05 ng/ml



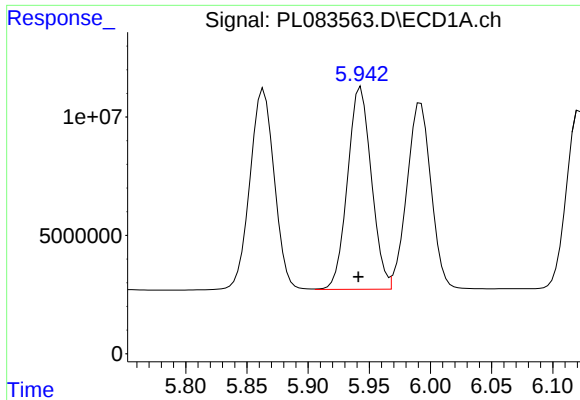
#10 gamma-Chlordane

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 117451020
Conc: 48.82 ng/ml



#10 gamma-Chlordane

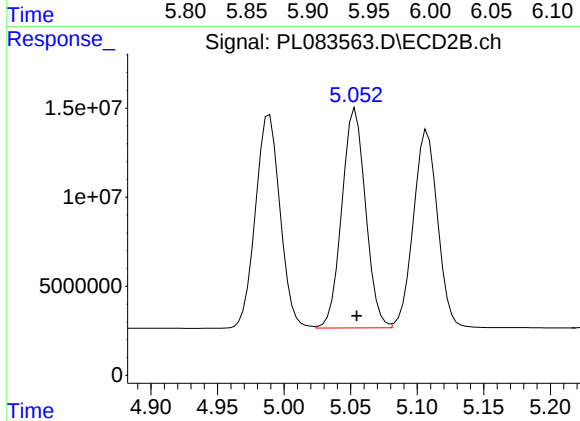
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 154523599
Conc: 52.23 ng/ml



#11 alpha-Chlordane

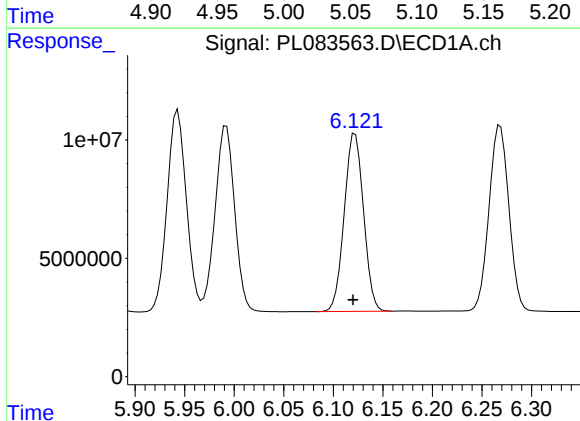
R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 115824802
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



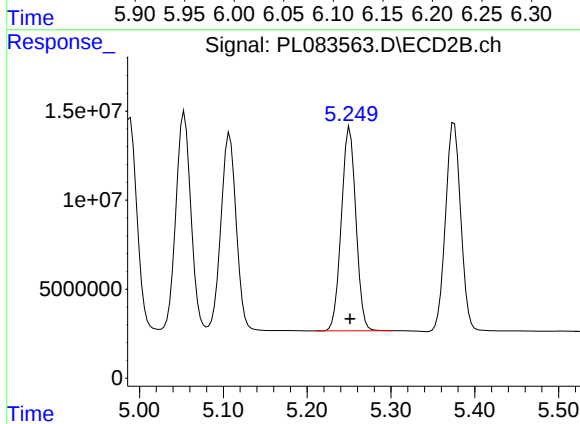
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 153017609
Conc: 51.73 ng/ml



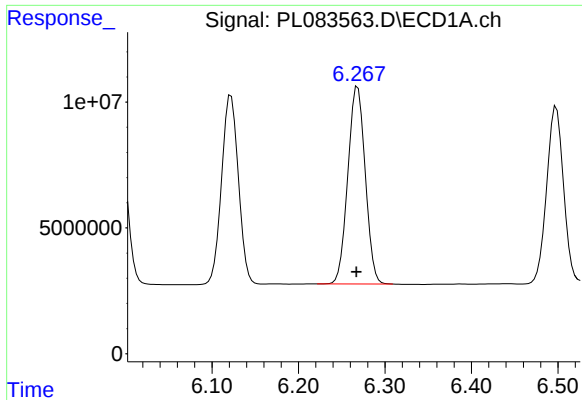
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: 0.002 min
Response: 101830384
Conc: 50.44 ng/ml



#12 4,4'-DDE

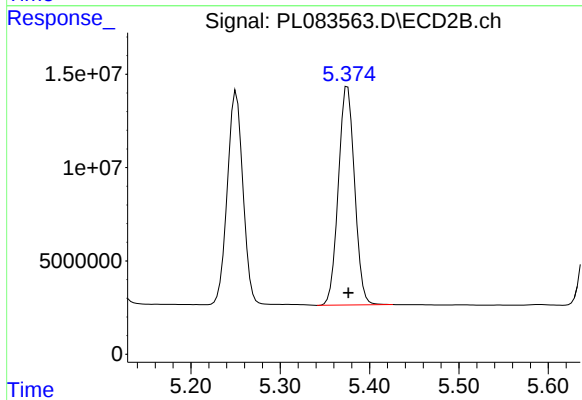
R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 138155533
Conc: 54.08 ng/ml



#13 Dieldrin

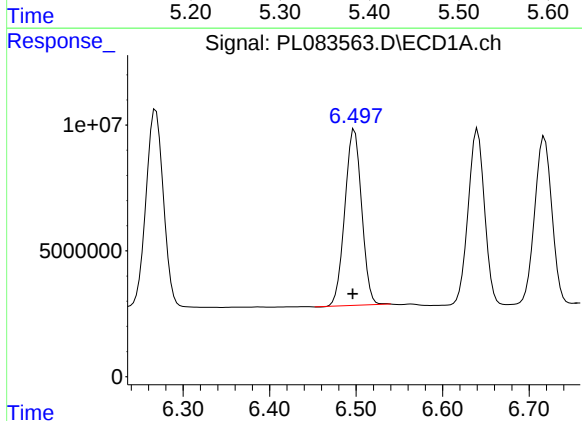
R.T.: 6.268 min
Delta R.T.: 0.002 min
Response: 109285691
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



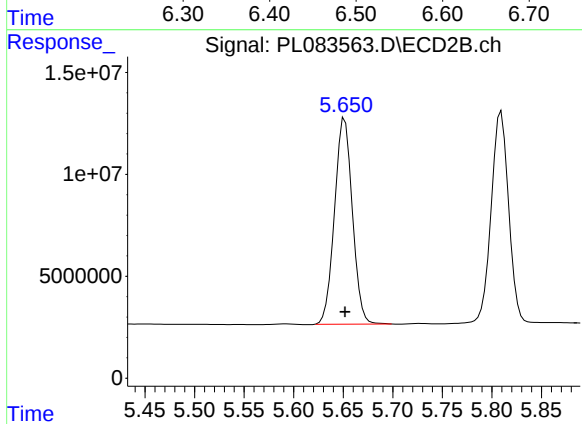
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 147603720
Conc: 52.64 ng/ml



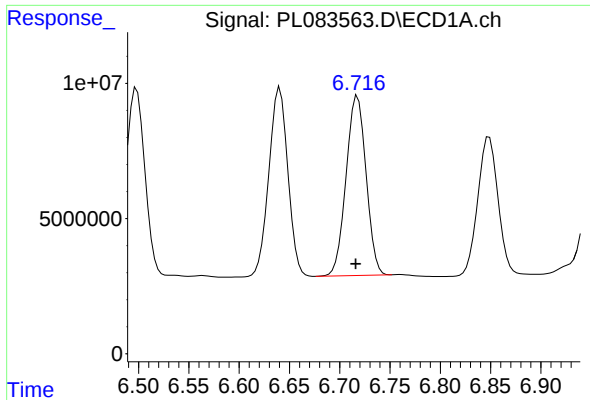
#14 Endrin

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 94062191
Conc: 53.30 ng/ml



#14 Endrin

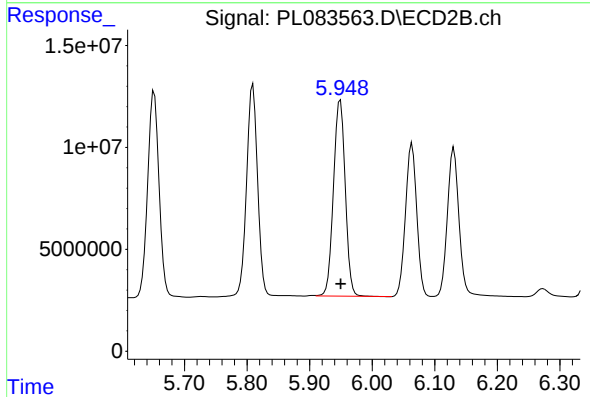
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 126678491
Conc: 54.88 ng/ml



#15 Endosulfan II

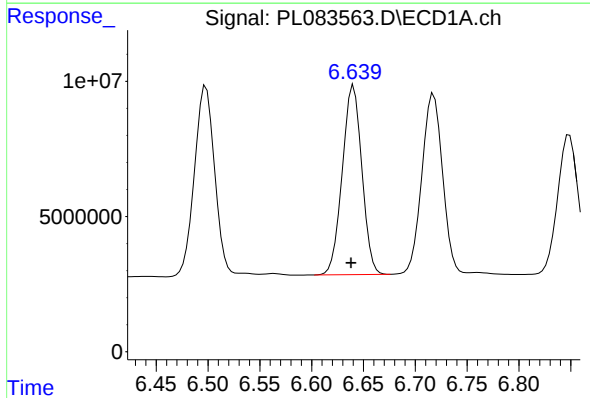
R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 91709361
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



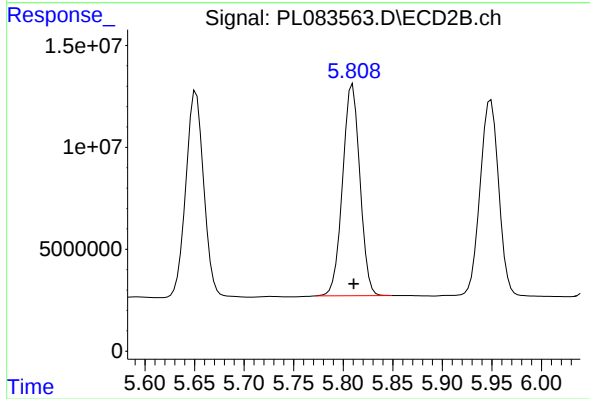
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 126405108
Conc: 53.25 ng/ml



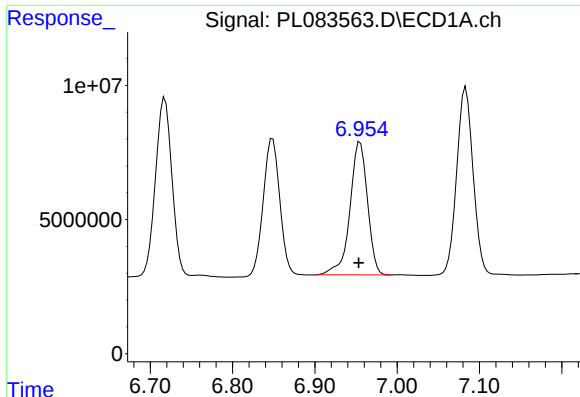
#16 4,4'-DDD

R.T.: 6.641 min
Delta R.T.: 0.002 min
Response: 91899236
Conc: 53.82 ng/ml



#16 4,4'-DDD

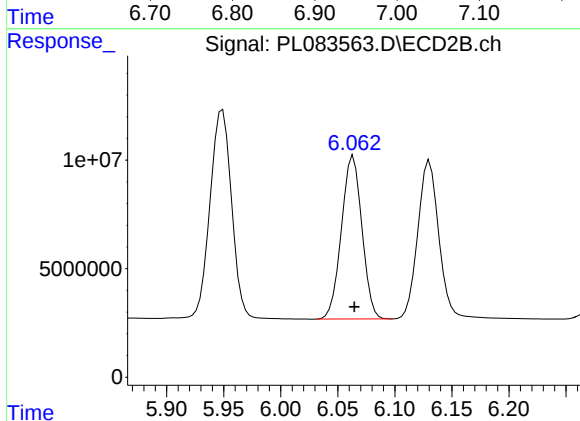
R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 126212706
Conc: 57.24 ng/ml



#17 4,4'-DDT

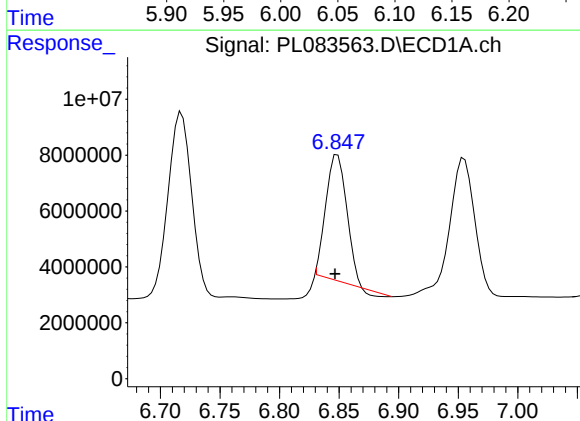
R.T.: 6.955 min
Delta R.T.: 0.002 min
Response: 73401937
Conc: 43.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



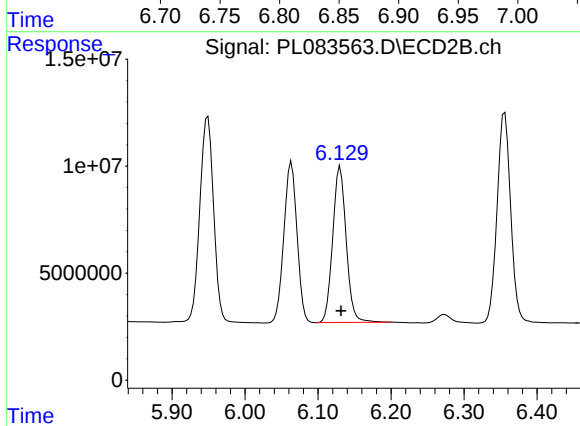
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 94032695
Conc: 45.04 ng/ml



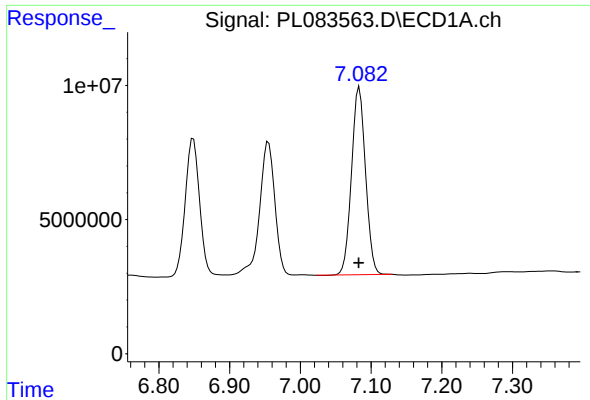
#18 Endrin aldehyde

R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 53680692
Conc: 36.21 ng/ml



#18 Endrin aldehyde

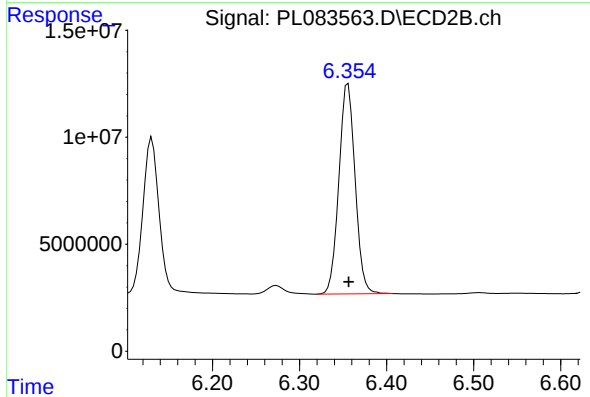
R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 93734443
Conc: 49.59 ng/ml



#19 Endosulfan Sulfate

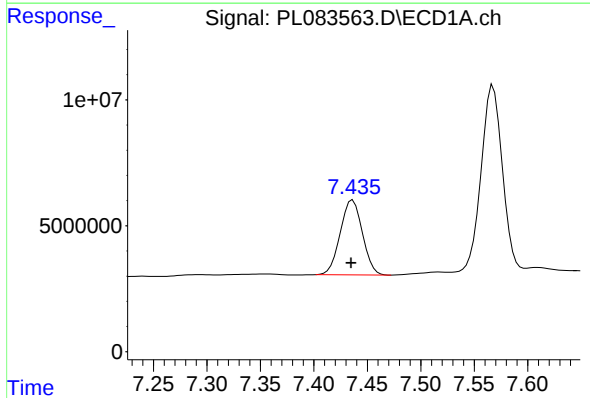
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 96426378
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



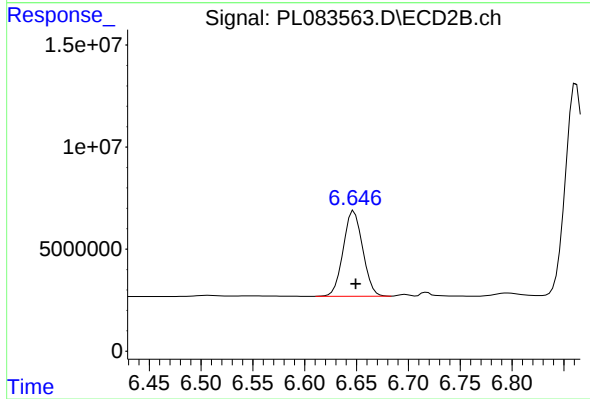
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 127185222
Conc: 52.52 ng/ml



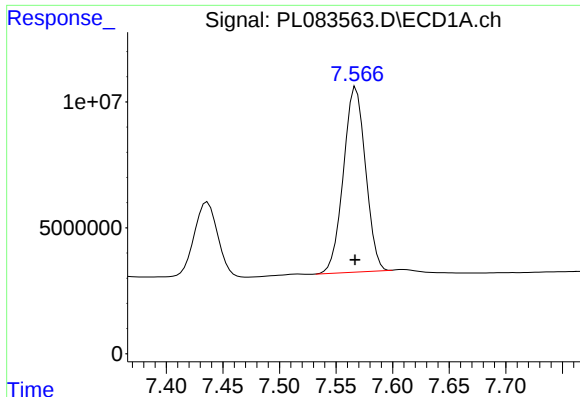
#20 Methoxychlor

R.T.: 7.436 min
Delta R.T.: 0.002 min
Response: 42962959
Conc: 47.36 ng/ml



#20 Methoxychlor

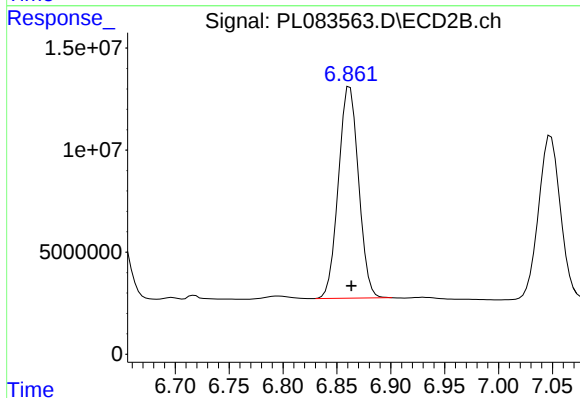
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 54698487
Conc: 45.39 ng/ml



#21 Endrin ketone

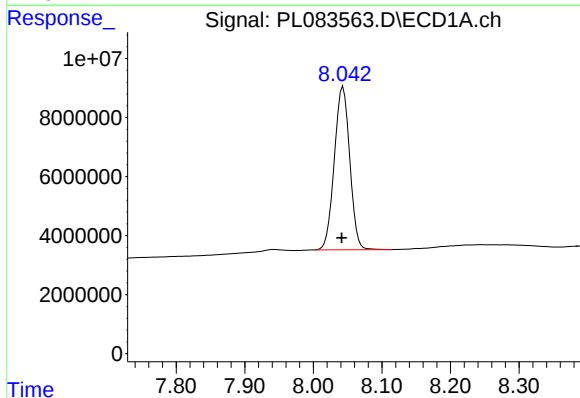
R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 99931432
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



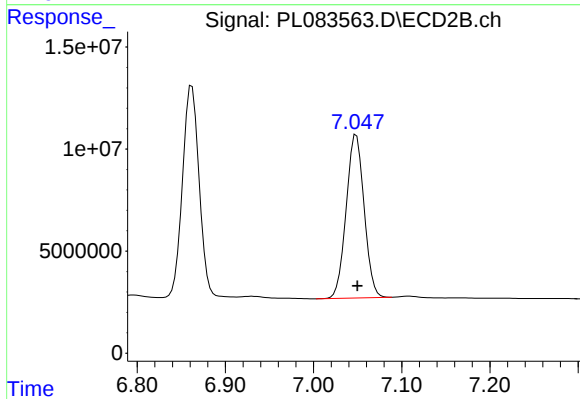
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 135129632
Conc: 48.07 ng/ml



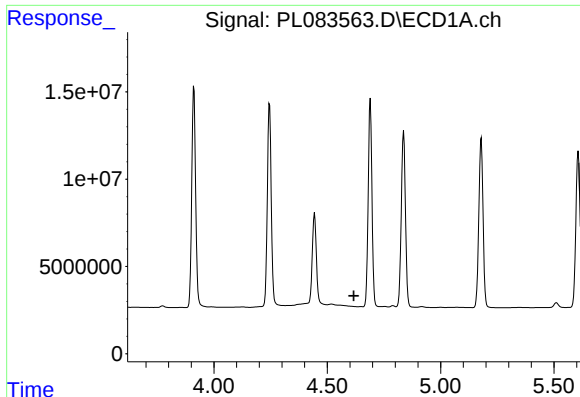
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.002 min
Response: 86633739
Conc: 46.42 ng/ml



#22 Mirex

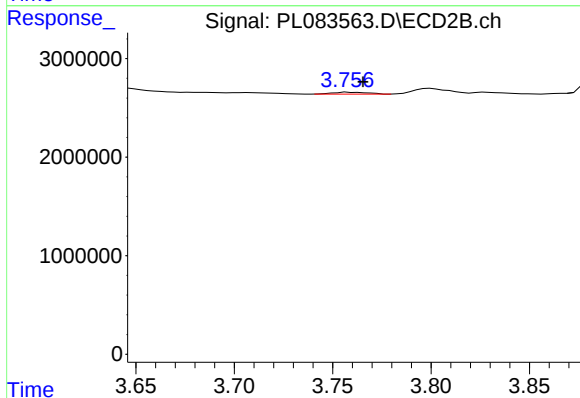
R.T.: 7.048 min
Delta R.T.: -0.001 min
Response: 112863190
Conc: 46.90 ng/ml



#23 Chlordane-1

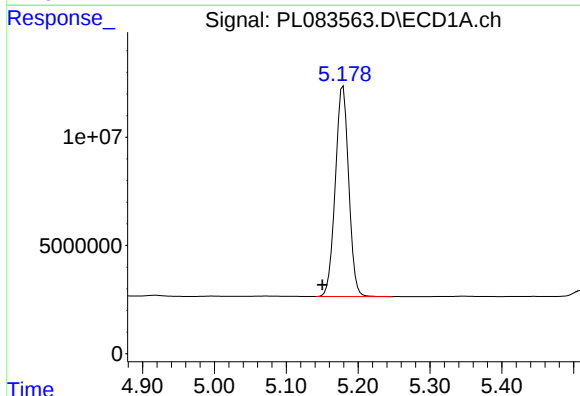
R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



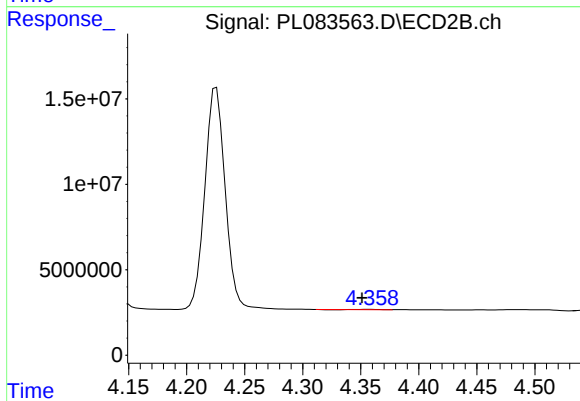
#23 Chlordane-1

R.T.: 3.758 min
Delta R.T.: -0.008 min
Response: 239395
Conc: 2.44 ng/ml



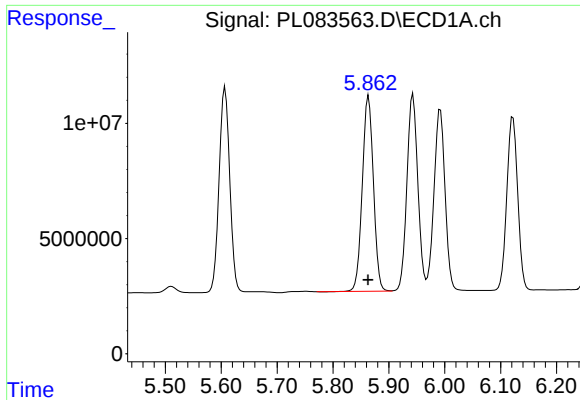
#24 Chlordane-2

R.T.: 5.179 min
Delta R.T.: 0.029 min
Response: 125950285
Conc: 1160.87 ng/ml



#24 Chlordane-2

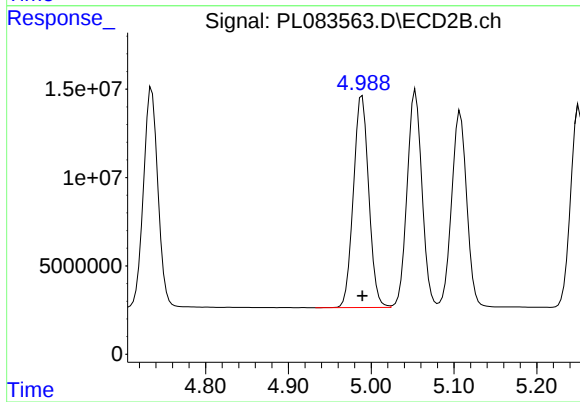
R.T.: 4.359 min
Delta R.T.: 0.007 min
Response: 172425
Conc: 1.43 ng/ml



#25 Chlordane-3

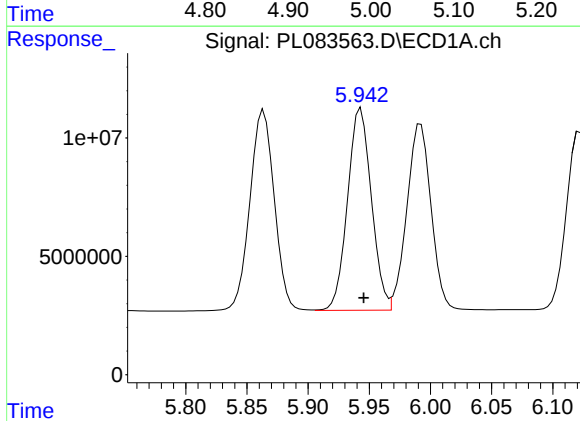
R.T.: 5.864 min
Delta R.T.: 0.001 min
Response: 117451020
Conc: 307.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



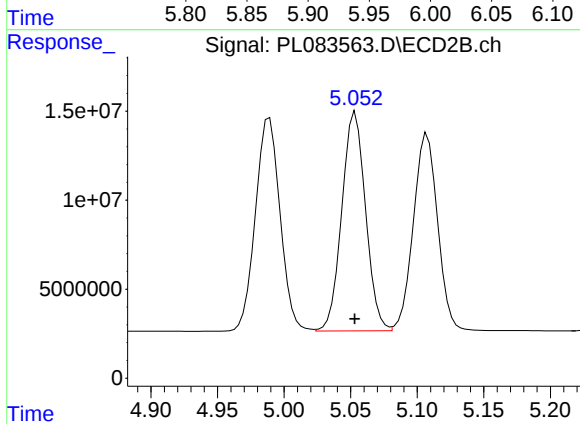
#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 154523599
Conc: 471.60 ng/ml



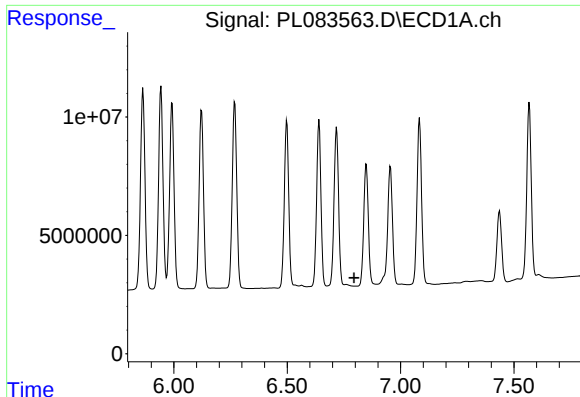
#26 Chlordane-4

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 115824802
Conc: 250.47 ng/ml



#26 Chlordane-4

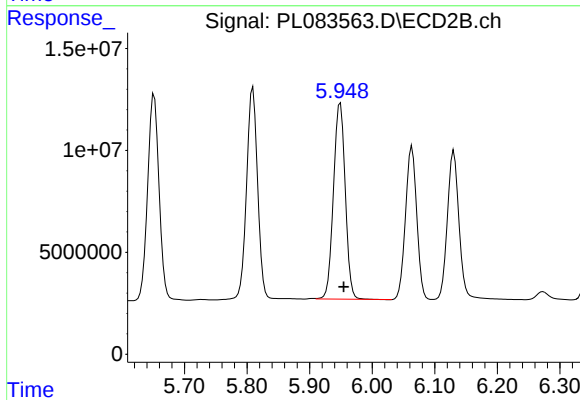
R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 153017609
Conc: 453.95 ng/ml



#27 Chlordane-5

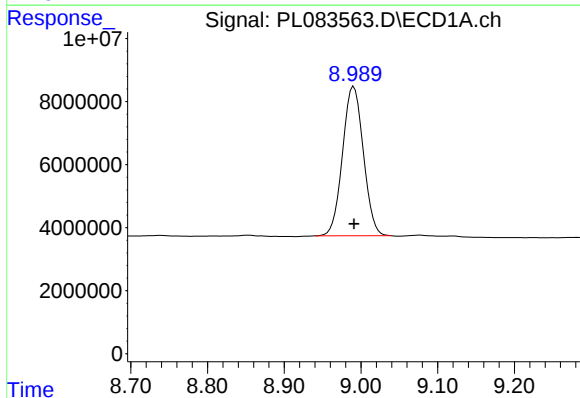
R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



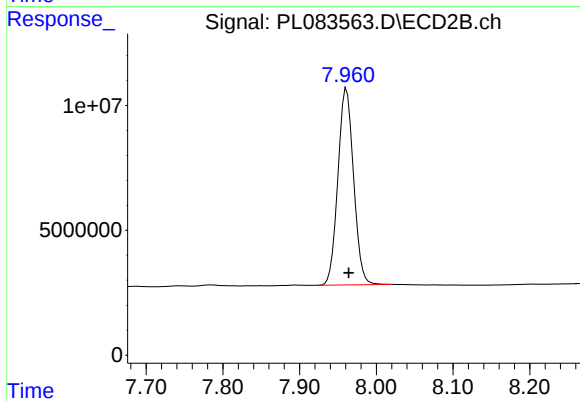
#27 Chlordane-5

R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 126405108
Conc: 1136.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 89801676
Conc: 47.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 112015836
Conc: 45.61 ng/ml