

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 09:36
 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: Feb 01 20:42:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.360	2.689	119.9E6	117.5E6	55.901	53.515
28)	SA Decachlor...	8.796	7.838	91957723	117.4E6	52.525	49.280
Target Compounds							
2)	A alpha-BHC	3.808	3.190	185.1E6	172.3E6	58.433	54.177
3)	MA gamma-BHC...	4.137	3.519	170.5E6	160.3E6	58.007	53.668
4)	MA Heptachlor	4.720	3.859	165.9E6	164.7E6	56.144	51.752
5)	MB Aldrin	5.059	4.139	151.7E6	154.6E6	55.432	52.430
6)	B beta-BHC	4.333	3.815	72921154	69238485	53.421	51.878
7)	B delta-BHC	4.576	4.045	166.5E6	154.1E6	57.526	53.432
8)	B Heptachlo...	5.484	4.642	140.5E6	142.8E6	54.303	51.311
9)	A Endosulfan I	5.865	5.011	128.8E6	132.0E6	54.522	50.742
10)	B gamma-Chl...	5.738	4.893	139.6E6	143.4E6	55.286	50.600
11)	B alpha-Chl...	5.817	4.957	138.1E6	144.1E6	54.700	50.285
12)	B 4,4'-DDE	5.994	5.150	121.2E6	120.6E6	54.402	51.140
13)	MA Dieldrin	6.139	5.277	131.4E6	138.8E6	54.905	51.301
14)	MA Endrin	6.366	5.552	119.5E6	118.1E6	55.253	50.872
15)	B Endosulfa...	6.584	5.845	108.3E6	113.8E6	47.256	54.594
16)	A 4,4'-DDD	6.508	5.704	103.9E6	100.7E6	56.718	53.579
17)	MA 4,4'-DDT	6.821	5.956	105.2E6	105.9E6	50.658	50.384
18)	B Endrin al...	6.714	6.025	86910345	90841940	52.248	49.746
19)	B Endosulfa...	6.947	6.249	110.5E6	118.3E6	53.383	50.888
20)	A Methoxychlor	7.299	6.534	55961500	56732011	50.722	46.752
21)	B Endrin ke...	7.428	6.754	122.0E6	133.7E6	55.307	52.367
22)	Mirex	7.899	6.937	91899186	114.1E6	53.436	50.105
23)	Chlordane-1	0.000	3.686	0	34582	N.D.	0.425 #
24)	Chlordane-2	0.000	4.269	0	749868	N.D.	8.317 #
25)	Chlordane-3	5.738	4.893	139.6E6	143.4E6	413.234	543.756 #
26)	Chlordane-4	5.817	4.957	138.1E6	144.1E6	320.056	534.913 #
27)	Chlordane-5	0.000	5.625	0	2066258	N.D.	29.039 #

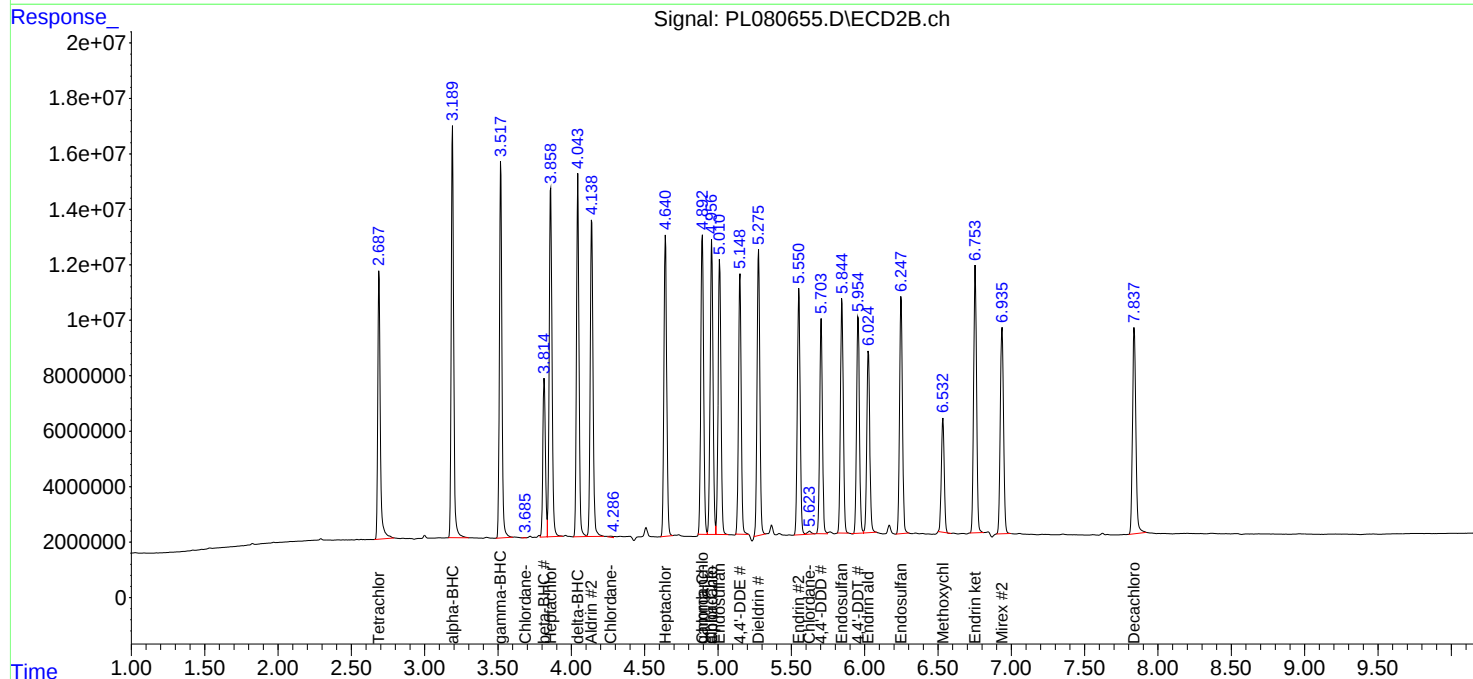
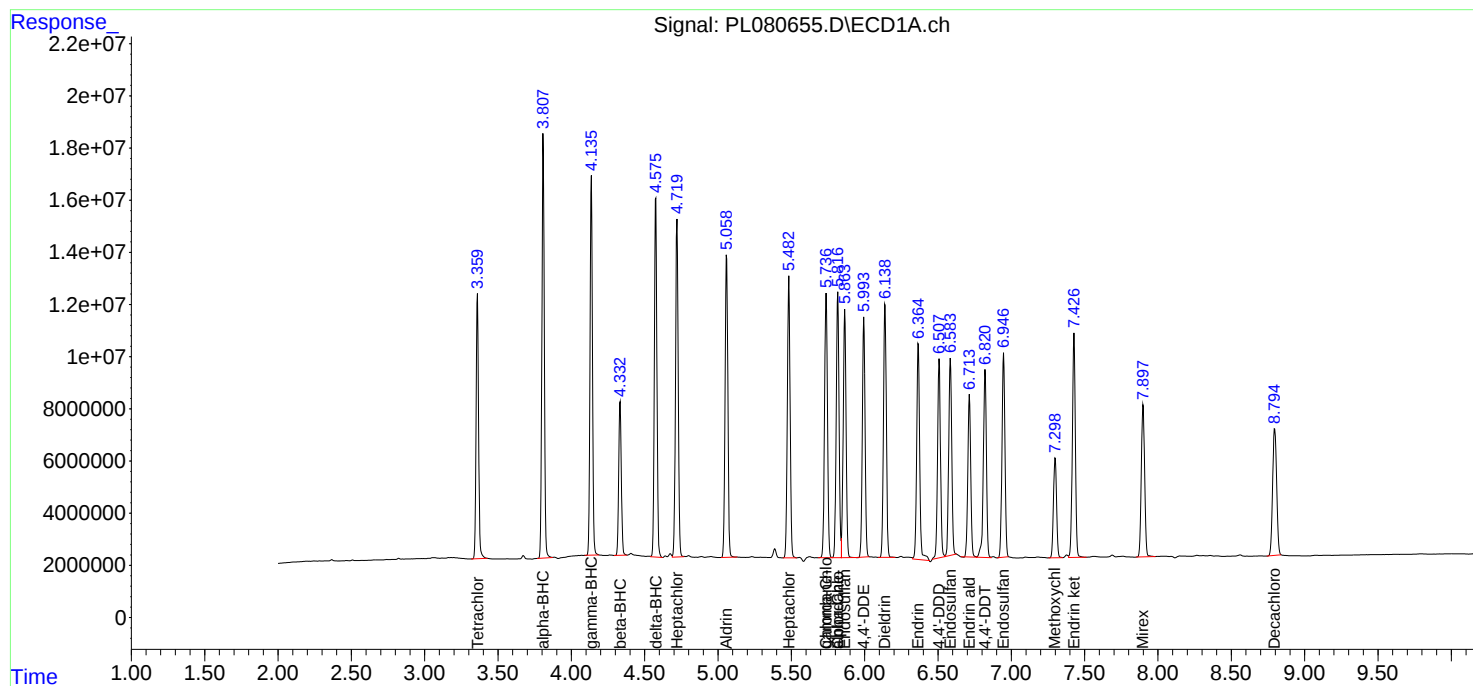
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

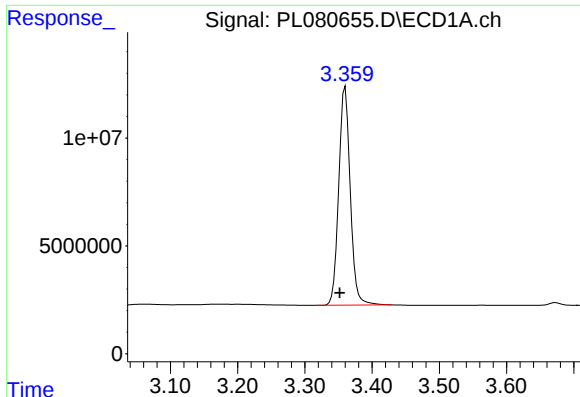
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
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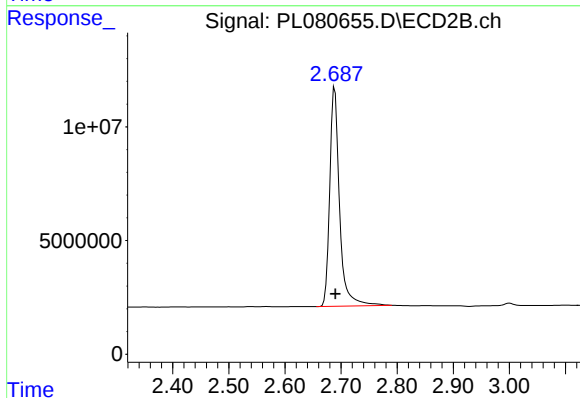




#1 Tetrachloro-m-xylene

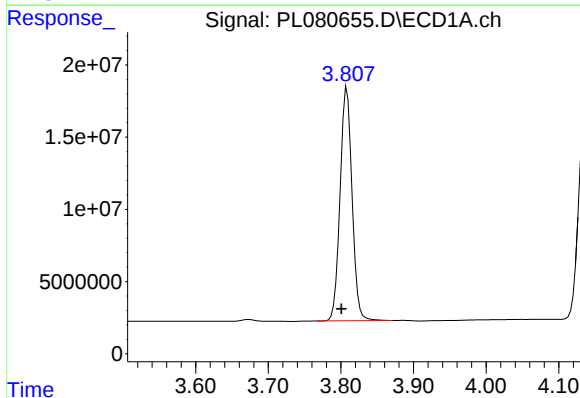
R.T.: 3.360 min
Delta R.T.: 0.008 min
Response: 119898862
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



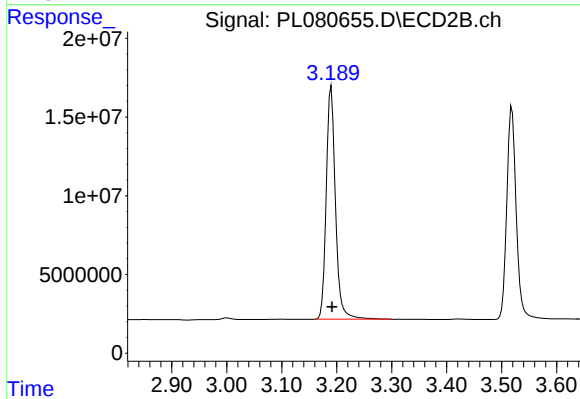
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 117542488
Conc: 53.51 ng/ml



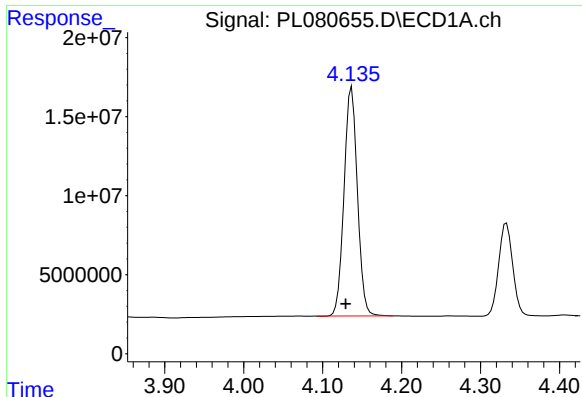
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.008 min
Response: 185116056
Conc: 58.43 ng/ml



#2 alpha-BHC

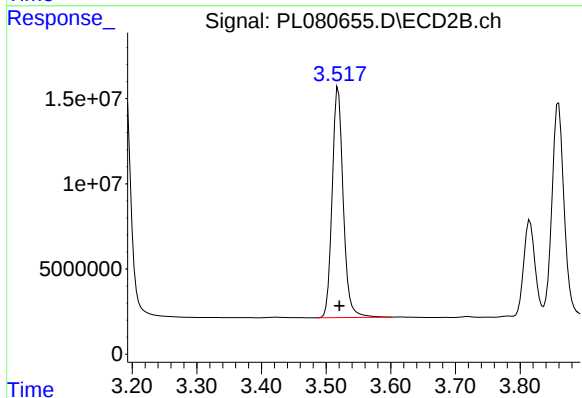
R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 172303759
Conc: 54.18 ng/ml



#3 gamma-BHC (Lindane)

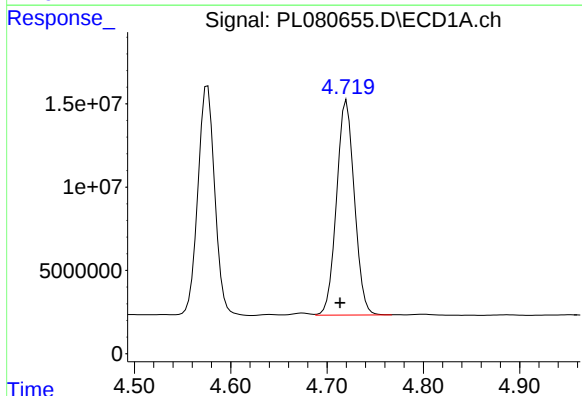
R.T.: 4.137 min
Delta R.T.: 0.007 min
Response: 170528547
Conc: 58.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



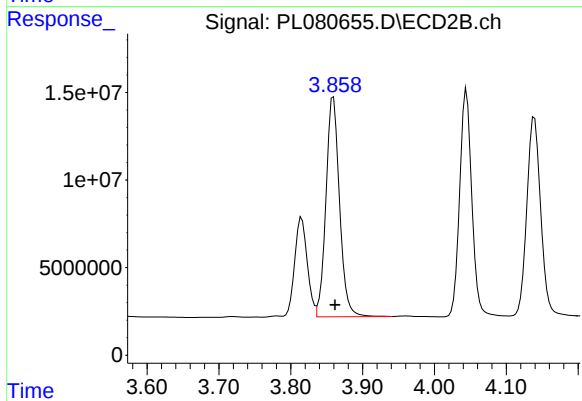
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.002 min
Response: 160322890
Conc: 53.67 ng/ml



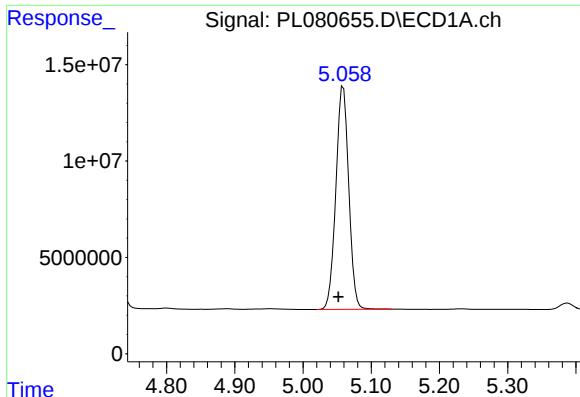
#4 Heptachlor

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 165918599
Conc: 56.14 ng/ml



#4 Heptachlor

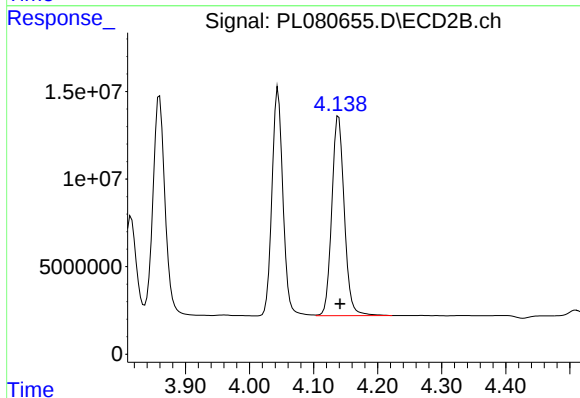
R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 164694514
Conc: 51.75 ng/ml



#5 Aldrin

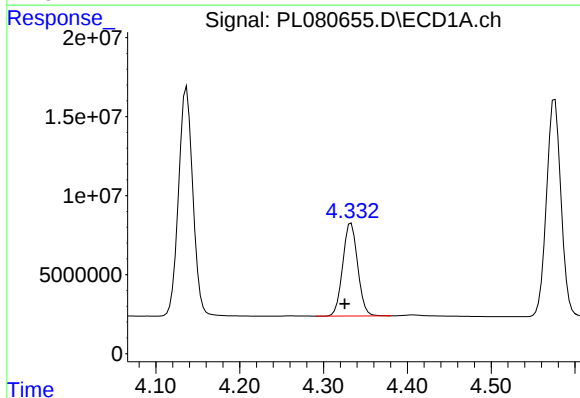
R.T.: 5.059 min
Delta R.T.: 0.007 min
Response: 151650231
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



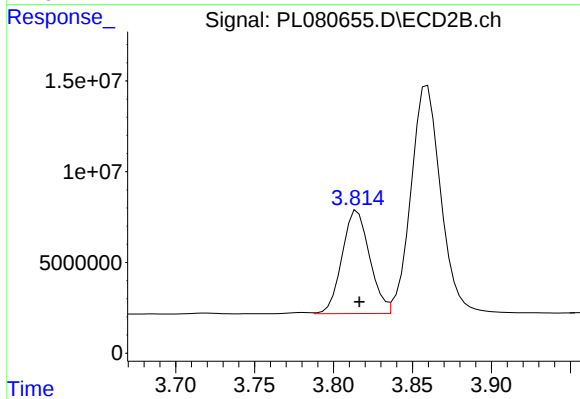
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 154646137
Conc: 52.43 ng/ml



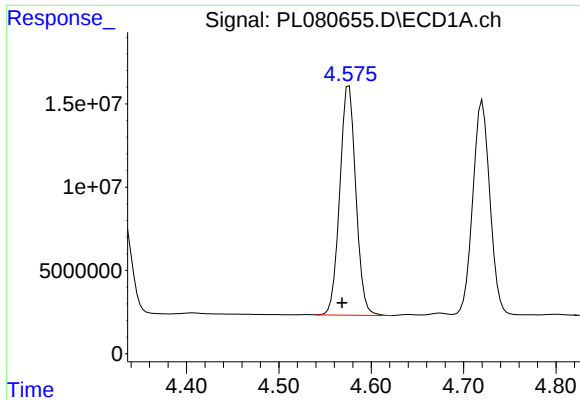
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 72921154
Conc: 53.42 ng/ml



#6 beta-BHC

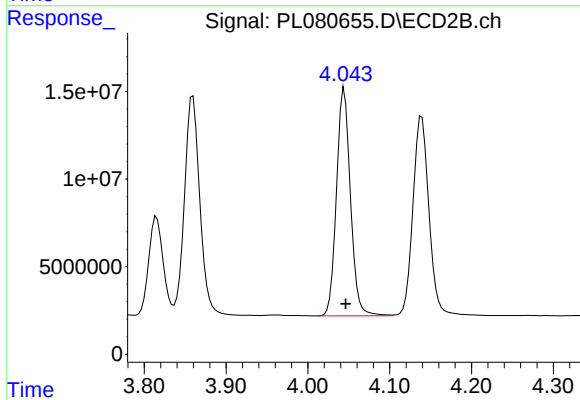
R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 69238485
Conc: 51.88 ng/ml



#7 delta-BHC

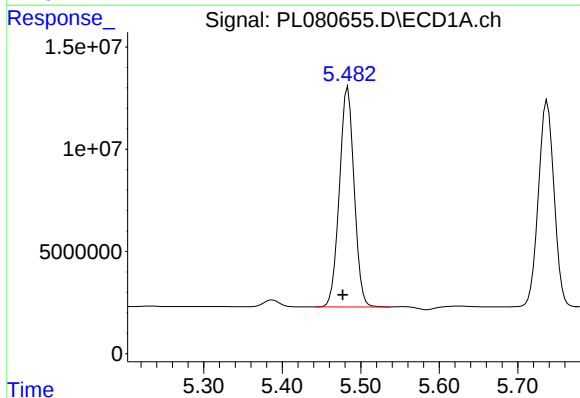
R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 166537200
Conc: 57.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



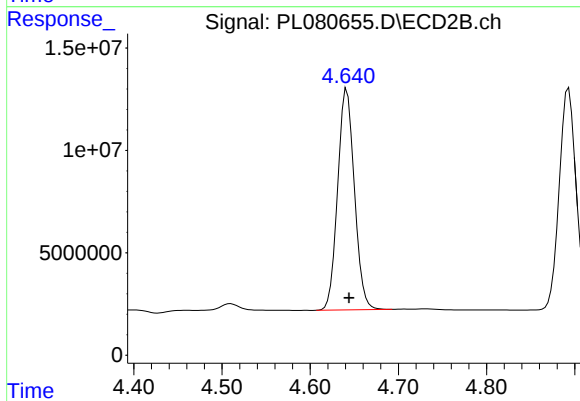
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 154120624
Conc: 53.43 ng/ml



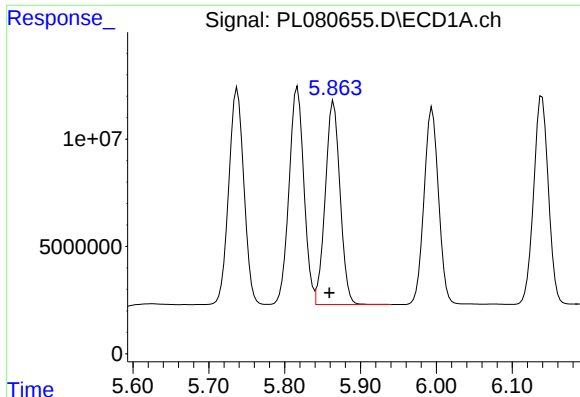
#8 Heptachlor epoxide

R.T.: 5.484 min
Delta R.T.: 0.007 min
Response: 140484455
Conc: 54.30 ng/ml



#8 Heptachlor epoxide

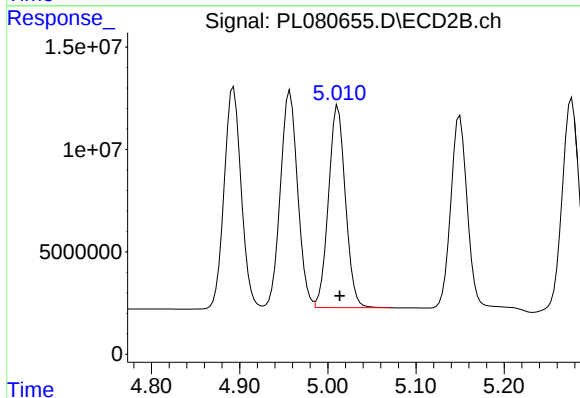
R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 142764995
Conc: 51.31 ng/ml



#9 Endosulfan I

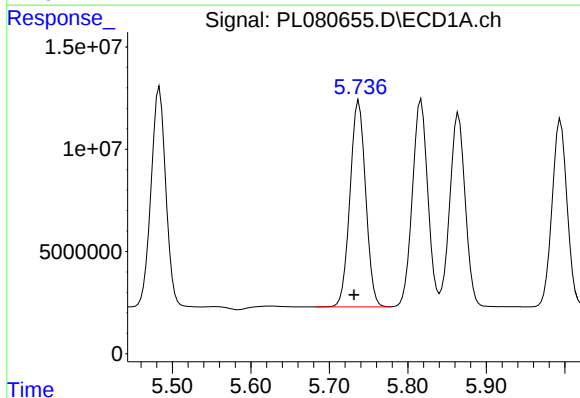
R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 128751567
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



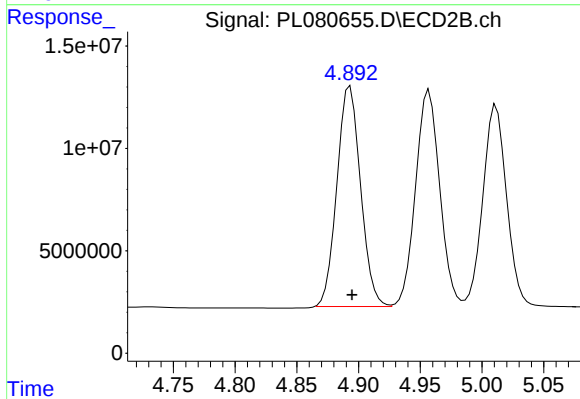
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 131995761
Conc: 50.74 ng/ml



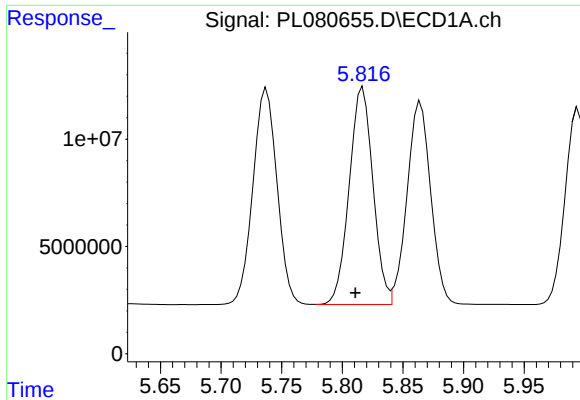
#10 gamma-Chlordane

R.T.: 5.738 min
Delta R.T.: 0.006 min
Response: 139636446
Conc: 55.29 ng/ml



#10 gamma-Chlordane

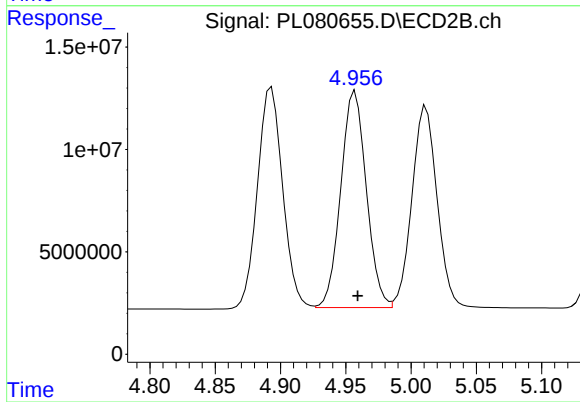
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 143413050
Conc: 50.60 ng/ml



#11 alpha-Chlordane

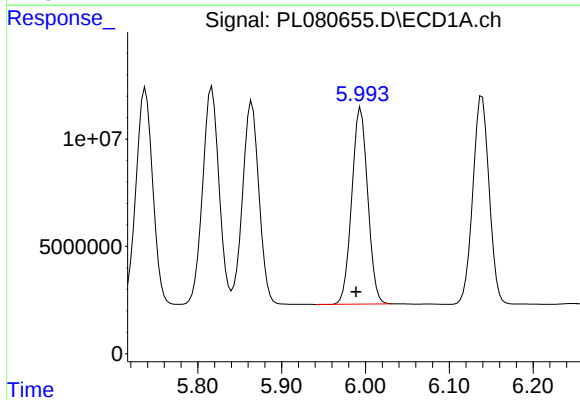
R.T.: 5.817 min
Delta R.T.: 0.006 min
Response: 138076858
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



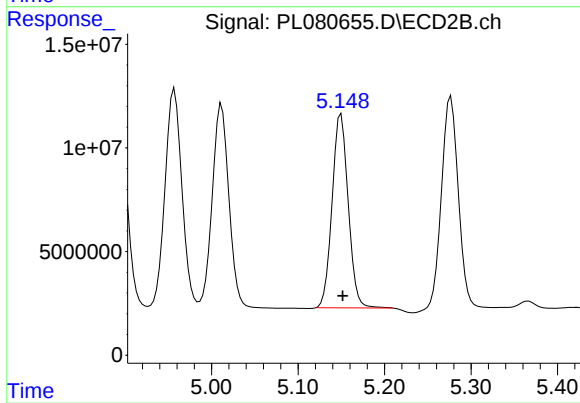
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 144050966
Conc: 50.29 ng/ml



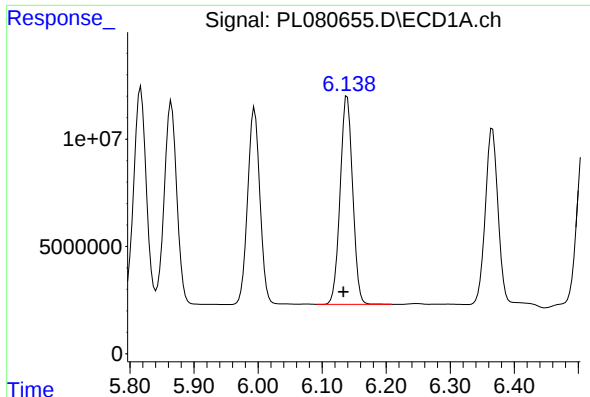
#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.006 min
Response: 121171746
Conc: 54.40 ng/ml



#12 4,4'-DDE

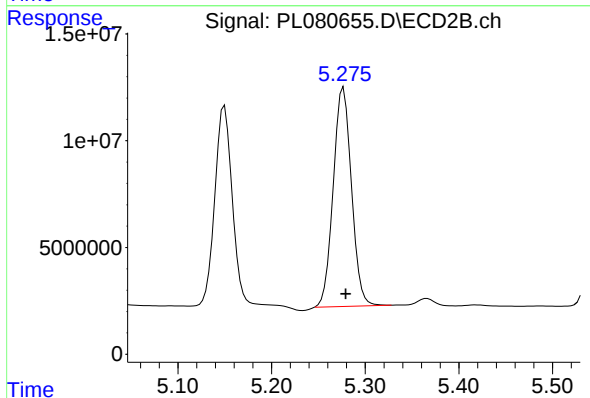
R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 120629758
Conc: 51.14 ng/ml



#13 Dieldrin

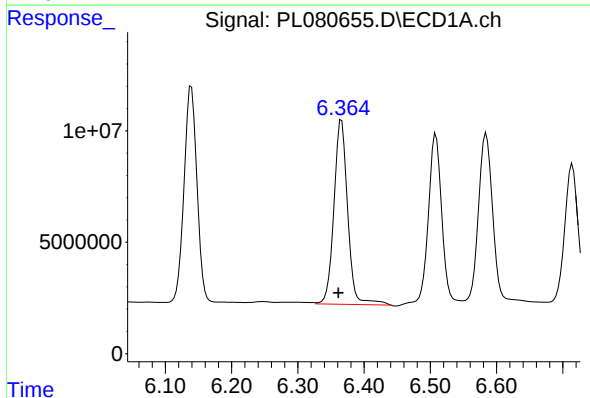
R.T.: 6.139 min
Delta R.T.: 0.006 min
Response: 131406558
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



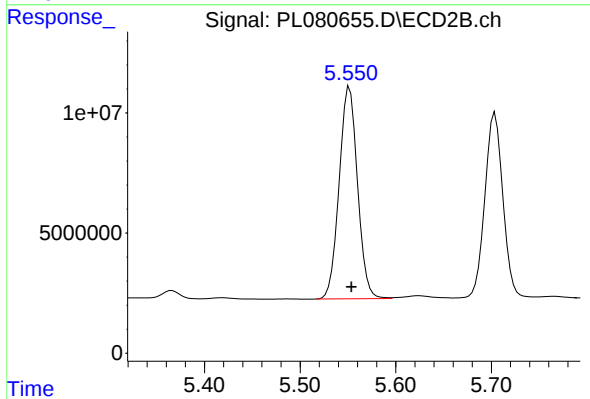
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 138768353
Conc: 51.30 ng/ml



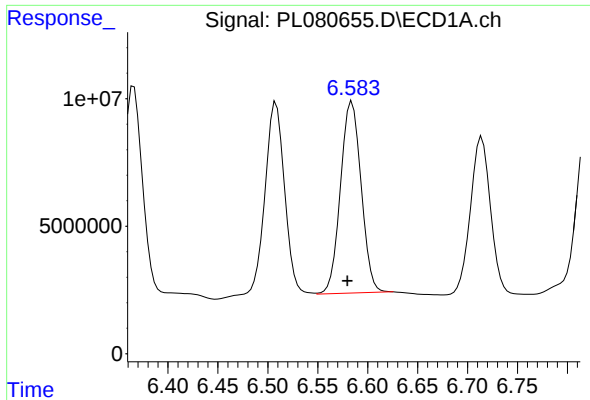
#14 Endrin

R.T.: 6.366 min
Delta R.T.: 0.005 min
Response: 119495859
Conc: 55.25 ng/ml



#14 Endrin

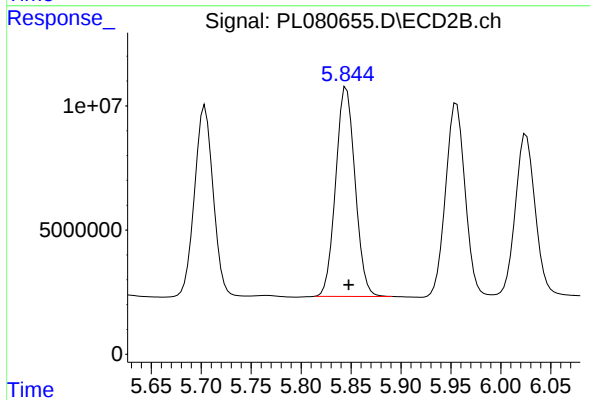
R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 118082966
Conc: 50.87 ng/ml



#15 Endosulfan II

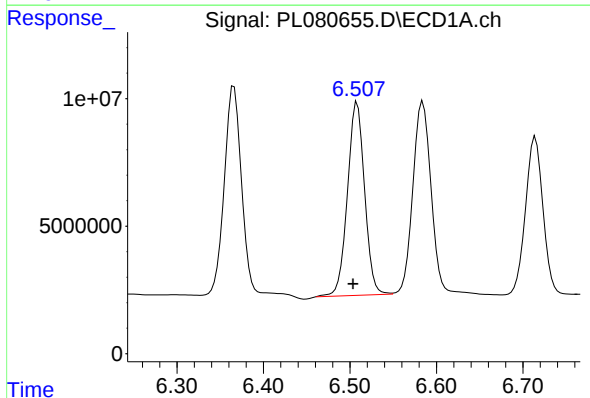
R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 108325496
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



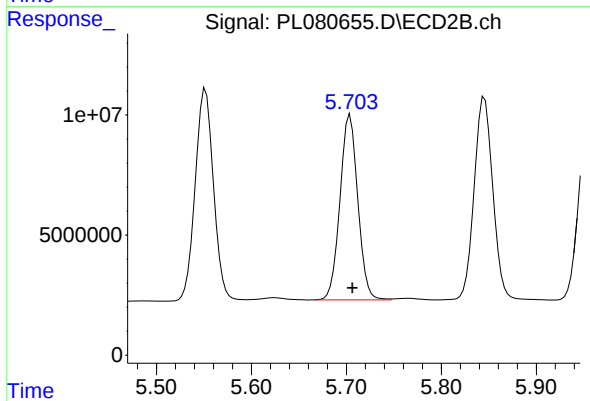
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 113759264
Conc: 54.59 ng/ml



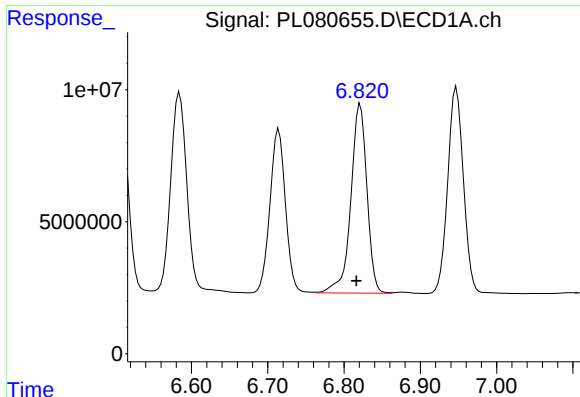
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.005 min
Response: 103906060
Conc: 56.72 ng/ml



#16 4,4'-DDD

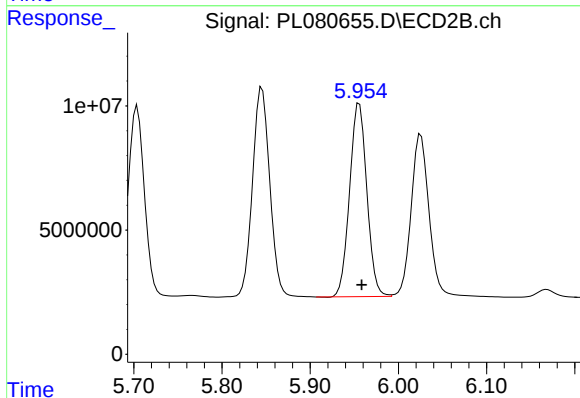
R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 100686296
Conc: 53.58 ng/ml



#17 4,4'-DDT

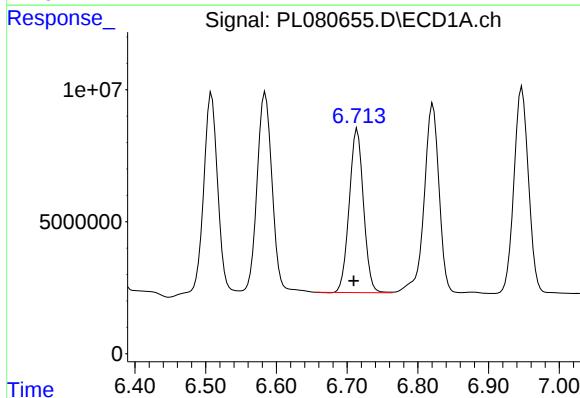
R.T.: 6.821 min
Delta R.T.: 0.005 min
Response: 105249608
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



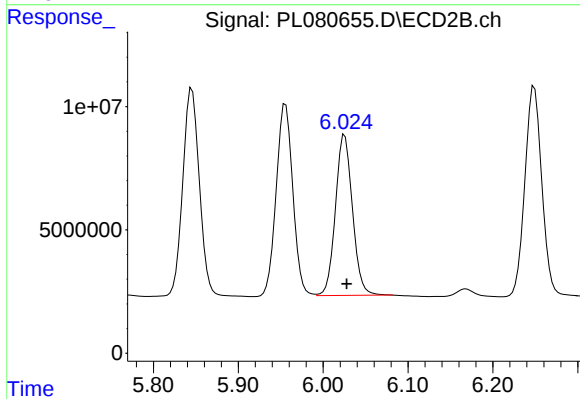
#17 4,4'-DDT

R.T.: 5.956 min
Delta R.T.: -0.003 min
Response: 105881574
Conc: 50.38 ng/ml



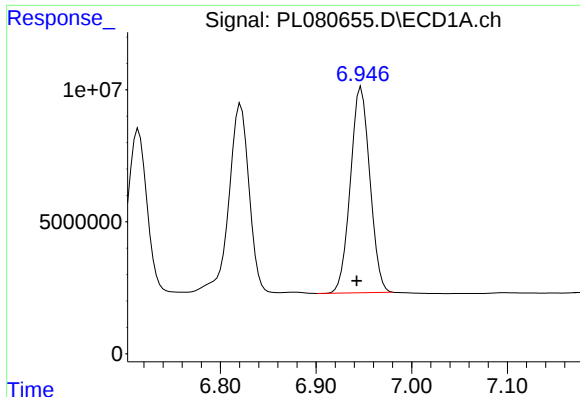
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 86910345
Conc: 52.25 ng/ml



#18 Endrin aldehyde

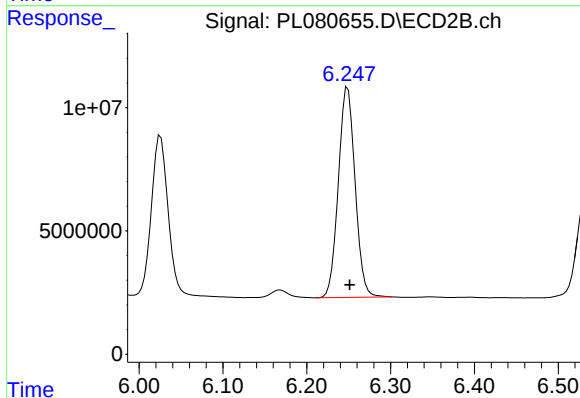
R.T.: 6.025 min
Delta R.T.: -0.002 min
Response: 90841940
Conc: 49.75 ng/ml



#19 Endosulfan Sulfate

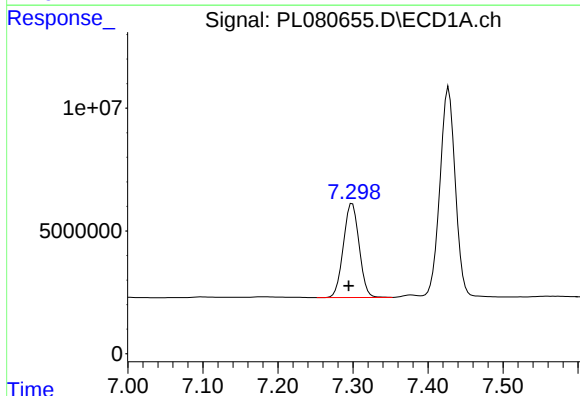
R.T.: 6.947 min
Delta R.T.: 0.005 min
Response: 110498225
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



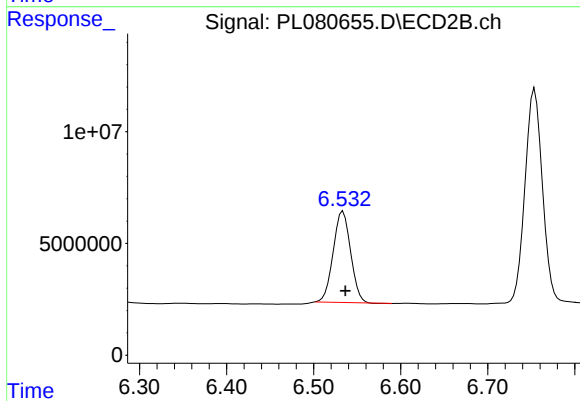
#19 Endosulfan Sulfate

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 118347874
Conc: 50.89 ng/ml



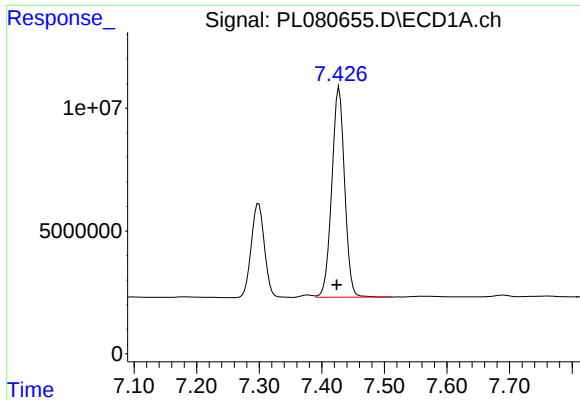
#20 Methoxychlor

R.T.: 7.299 min
Delta R.T.: 0.005 min
Response: 55961500
Conc: 50.72 ng/ml



#20 Methoxychlor

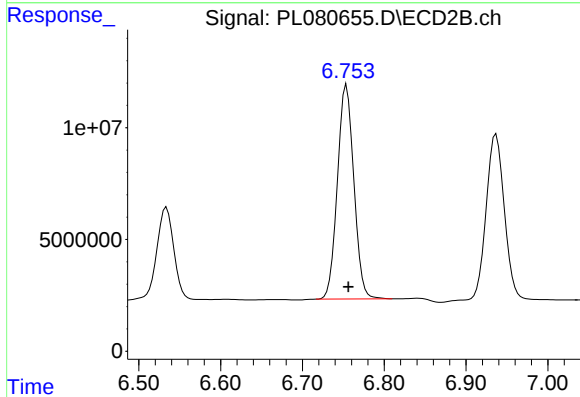
R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 56732011
Conc: 46.75 ng/ml



#21 Endrin ketone

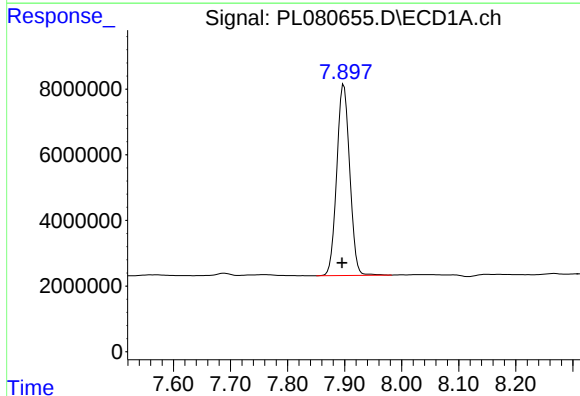
R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 122026068
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



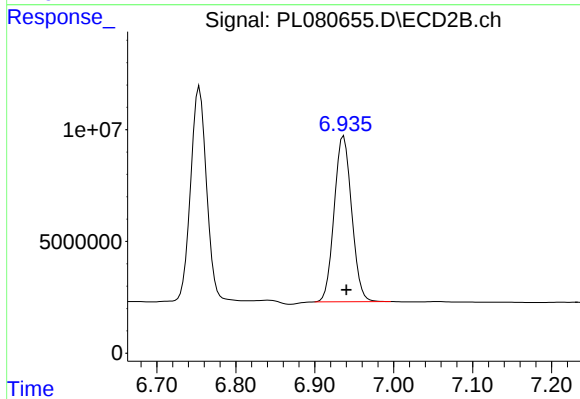
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 133703871
Conc: 52.37 ng/ml



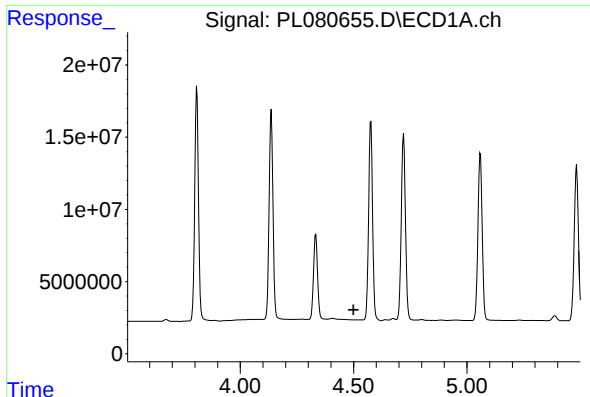
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 91899186
Conc: 53.44 ng/ml



#22 Mirex

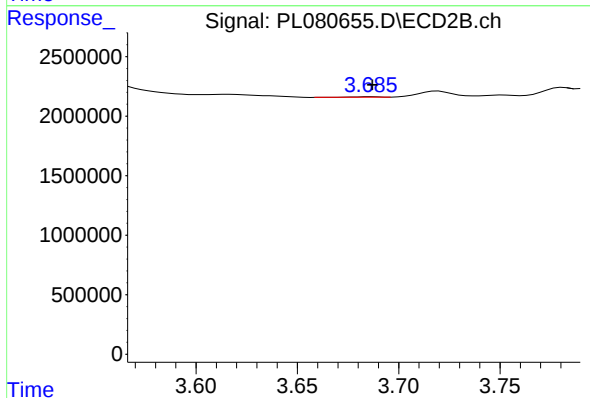
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 114076353
Conc: 50.11 ng/ml



#23 Chlordane-1

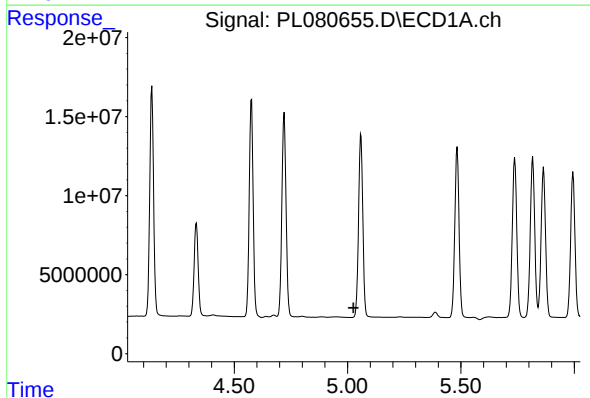
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



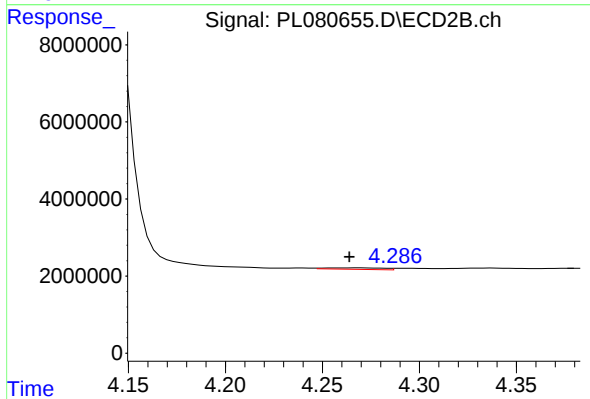
#23 Chlordane-1

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 34582
Conc: 0.42 ng/ml



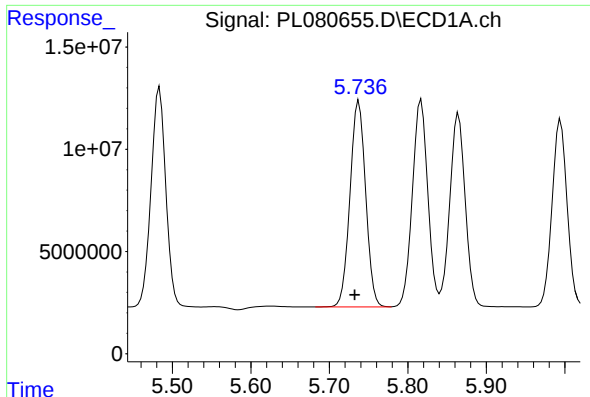
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.027 min
Response: 0
Conc: N.D.



#24 Chlordane-2

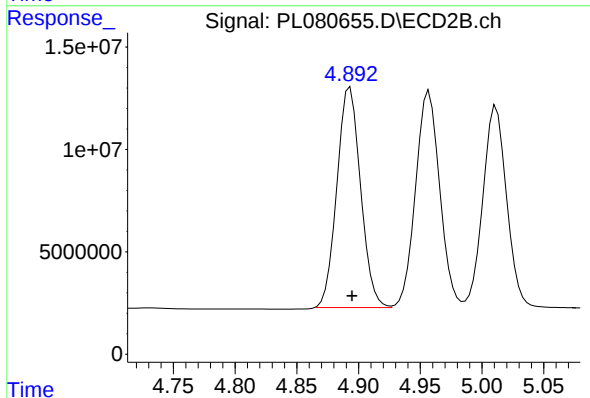
R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 749868
Conc: 8.32 ng/ml



#25 Chlordane-3

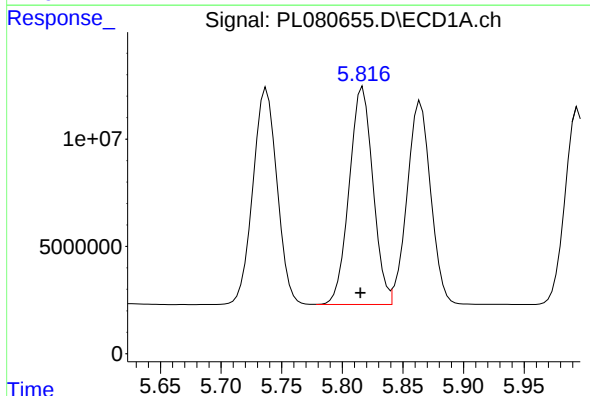
R.T.: 5.738 min
Delta R.T.: 0.005 min
Response: 139636446
Conc: 413.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



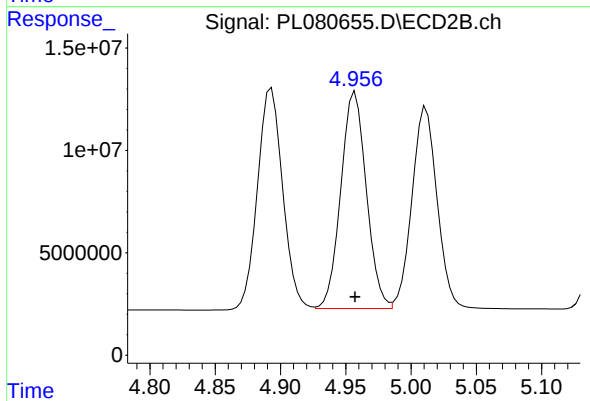
#25 Chlordane-3

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 143413050
Conc: 543.76 ng/ml



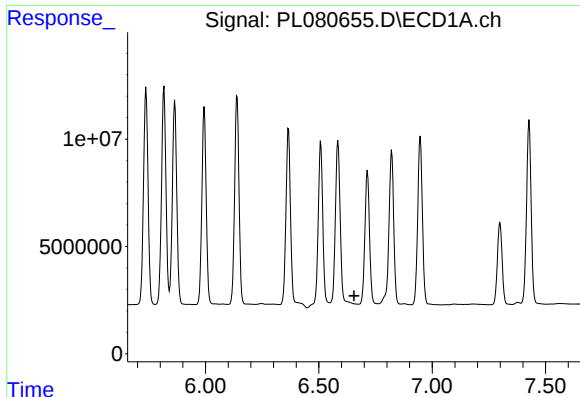
#26 Chlordane-4

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 138076858
Conc: 320.06 ng/ml



#26 Chlordane-4

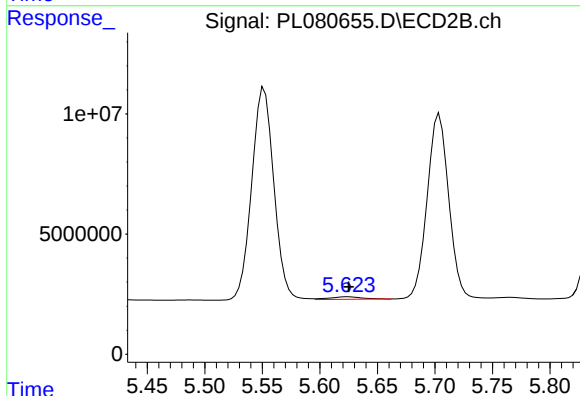
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 144050966
Conc: 534.91 ng/ml



#27 Chlordane-5

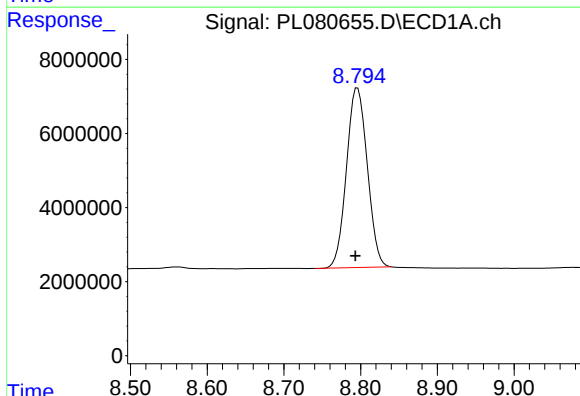
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



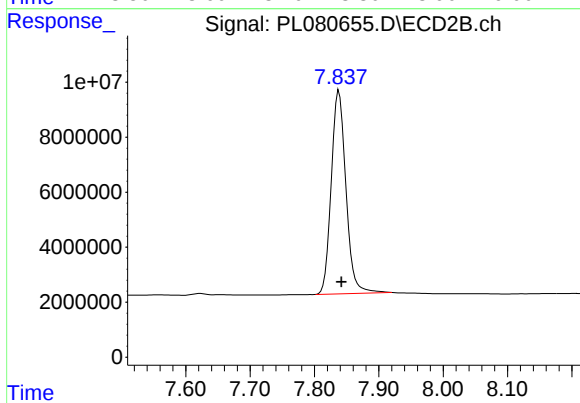
#27 Chlordane-5

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 2066258
Conc: 29.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.003 min
Response: 91957723
Conc: 52.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: -0.004 min
Response: 117411662
Conc: 49.28 ng/ml