

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 10:53
 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 02 21:01:07 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...	3.359	2.686	109.7E6	107.1E6	51.128	48.759
28)	SA Decachlor...	8.798	7.836	84855722	106.2E6	48.468	44.590
Target Compounds							
2)	A alpha-BHC	3.808	3.187	166.8E6	153.3E6	52.636	48.195
3)	MA gamma-BHC...	4.136	3.516	154.1E6	144.8E6	52.406	48.486
4)	MA Heptachlor	4.721	3.857	149.5E6	147.3E6	50.595	46.277
5)	MB Aldrin	5.058	4.137	136.7E6	138.2E6	49.976	46.839
6)	B beta-BHC	4.333	3.812	66866837	63128894	48.986	47.301
7)	B delta-BHC	4.576	4.042	152.2E6	138.9E6	52.580	48.144
8)	B Heptachlo...	5.483	4.639	126.5E6	128.8E6	48.884	46.277
9)	A Endosulfan I	5.865	5.008	115.9E6	118.7E6	49.092	45.632
10)	B gamma-Chl...	5.738	4.890	125.6E6	126.8E6	49.747	44.746
11)	B alpha-Chl...	5.817	4.954	124.5E6	128.6E6	49.306	44.881
12)	B 4,4'-DDE	5.995	5.147	109.7E6	108.2E6	49.273	45.850
13)	MA Dieldrin	6.139	5.274	119.6E6	121.1E6	49.979	44.781
14)	MA Endrin	6.365	5.549	99789535	102.5E6	46.141	44.141
15)	B Endosulfa...	6.585	5.843	100.9E6	102.4E6	44.004	49.161
16)	A 4,4'-DDD	6.509	5.702	94713569	93859210	51.700	49.946
17)	MA 4,4'-DDT	6.822	5.954	92410884	92151412	44.478	43.851
18)	B Endrin al...	6.715	6.023	80606666	82404350	48.459	45.126
19)	B Endosulfa...	6.948	6.247	102.0E6	106.8E6	49.288	45.906
20)	A Methoxychlor	7.300	6.532	49390230	51303128	44.766	42.278
21)	B Endrin ke...	7.428	6.751	112.1E6	122.5E6	50.817	47.986
22)	Mirex	7.899	6.935	83159267	102.4E6	48.354	44.968
23)	Chlordane-1	0.000	3.717f	0	575672	N.D.	7.070 #
24)	Chlordane-2	0.000	4.265	0	107808	N.D.	1.196 #
25)	Chlordane-3	5.738	4.890	125.6E6	126.8E6	371.832	480.845 #
26)	Chlordane-4	5.817	4.954	124.5E6	128.6E6	288.495	477.422 #
27)	Chlordane-5	0.000	5.621	0	389620	N.D.	5.476 #

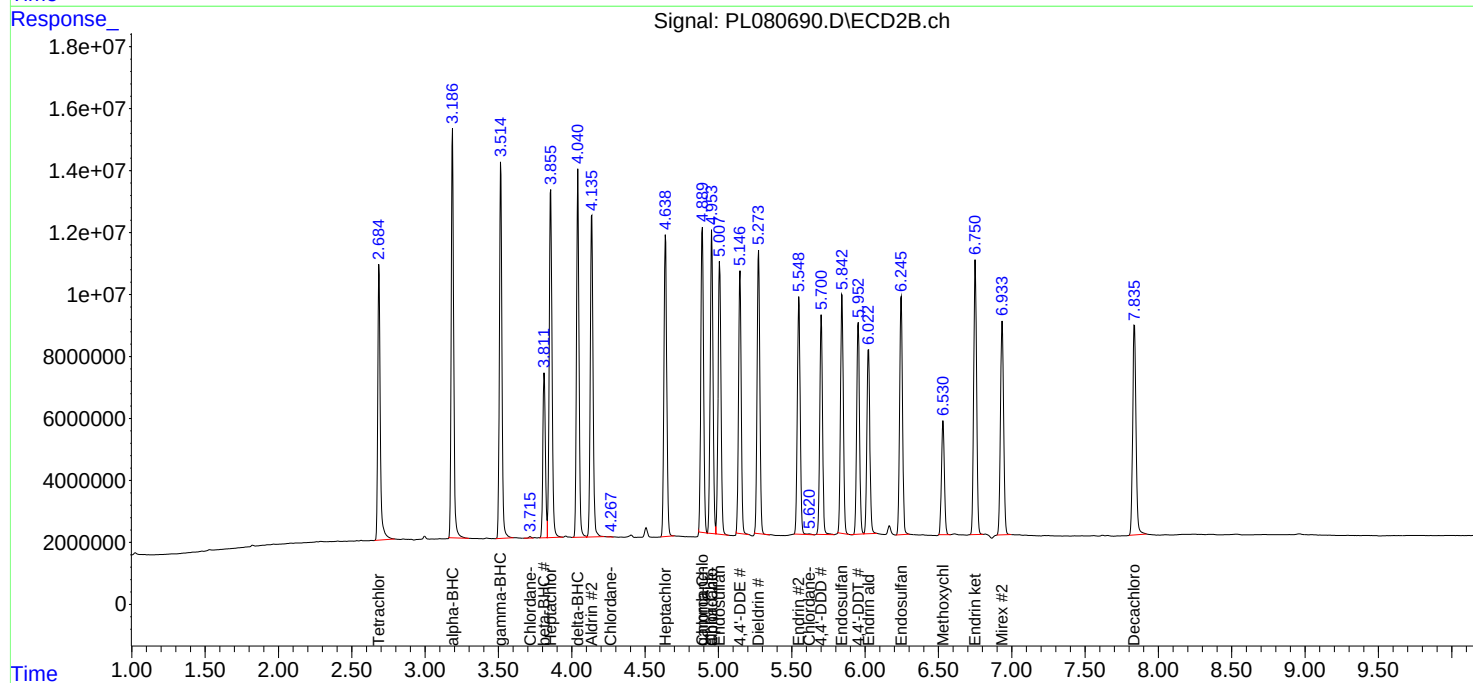
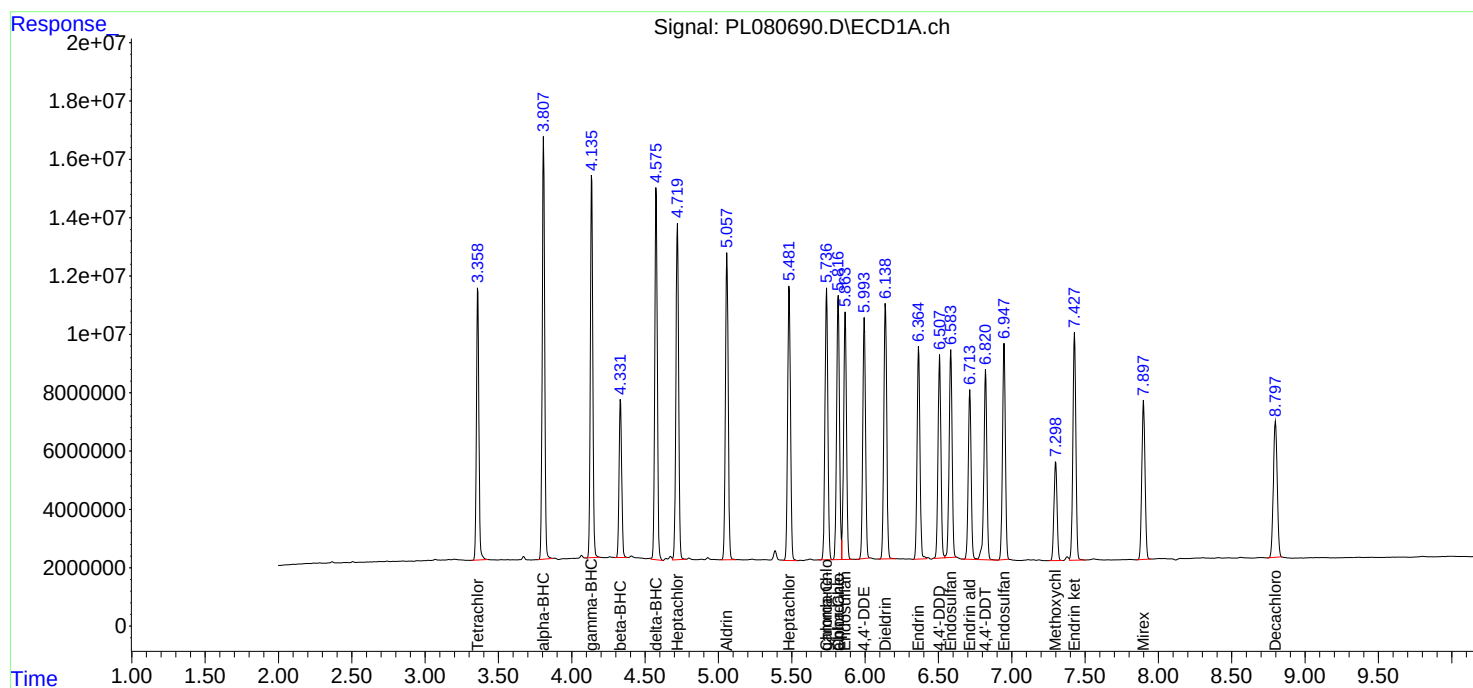
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

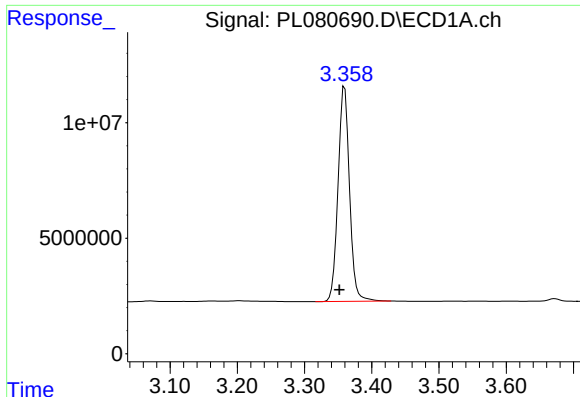
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
Data File : PL080690.D
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Acq On : 02 Feb 2023 10:53
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

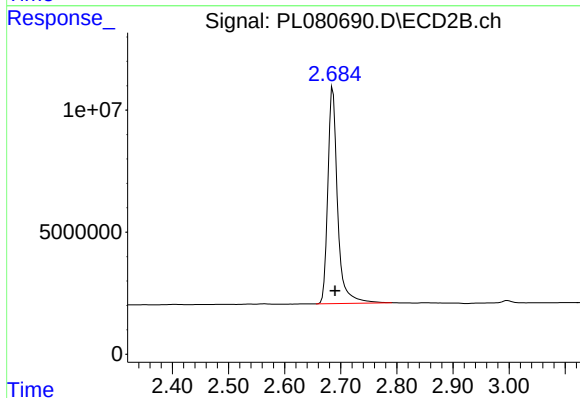




#1 Tetrachloro-m-xylene

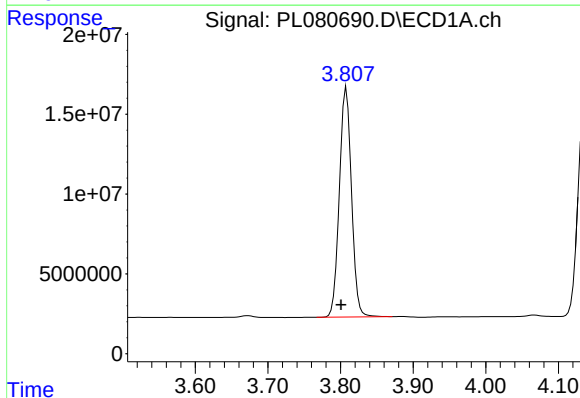
R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 109661884
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



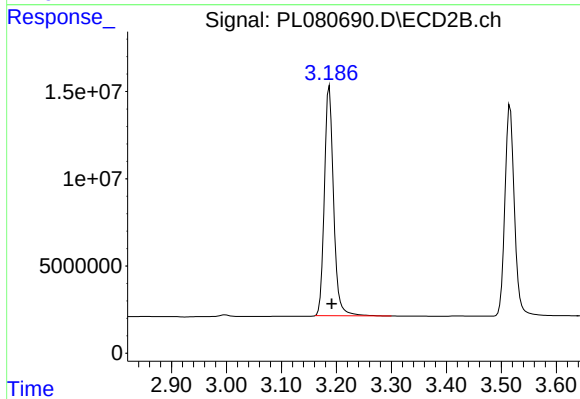
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 107096376
Conc: 48.76 ng/ml



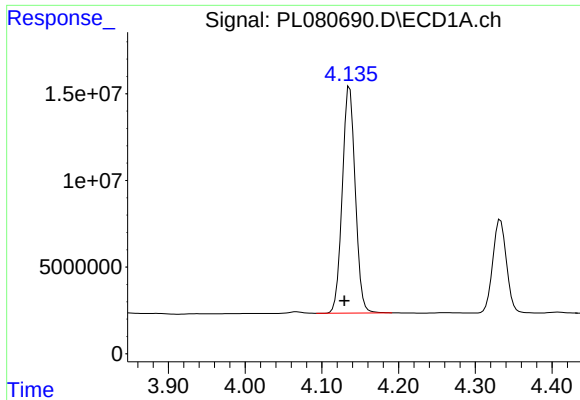
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.007 min
Response: 166753260
Conc: 52.64 ng/ml



#2 alpha-BHC

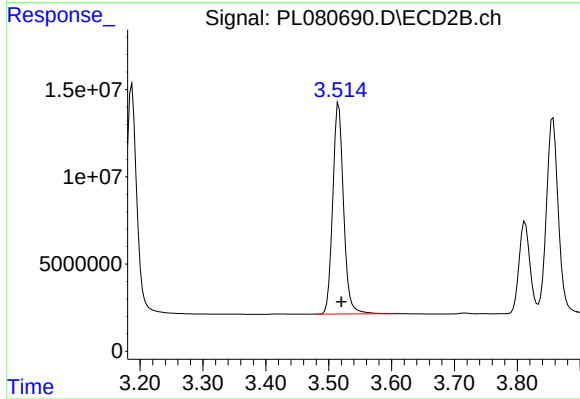
R.T.: 3.187 min
Delta R.T.: -0.004 min
Response: 153278977
Conc: 48.19 ng/ml



#3 gamma-BHC (Lindane)

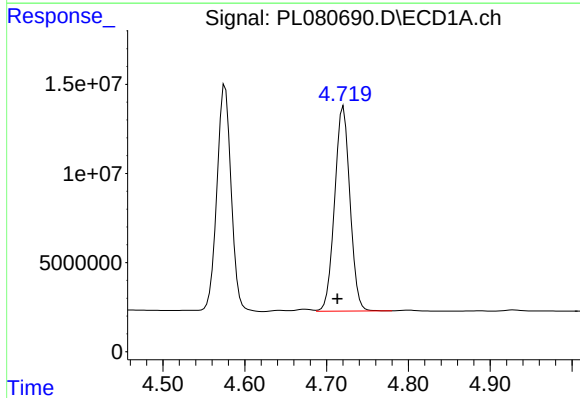
R.T.: 4.136 min
Delta R.T.: 0.007 min
Response: 154060573
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



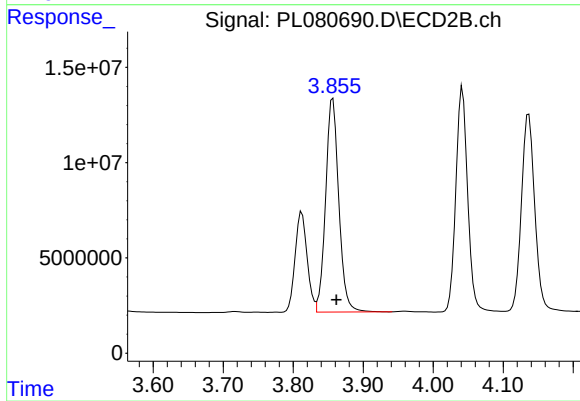
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 144842046
Conc: 48.49 ng/ml



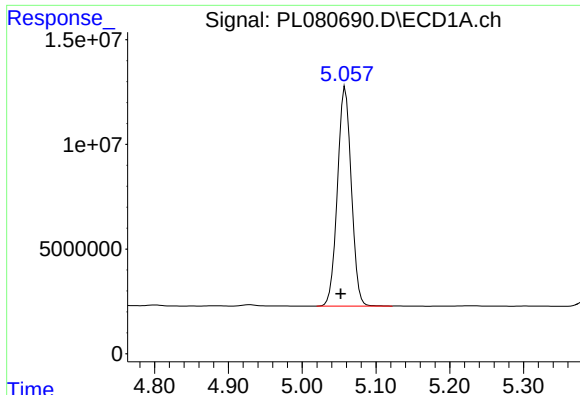
#4 Heptachlor

R.T.: 4.721 min
Delta R.T.: 0.007 min
Response: 149518921
Conc: 50.59 ng/ml



#4 Heptachlor

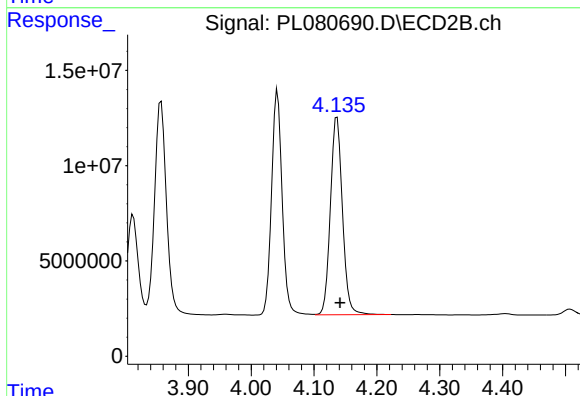
R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 147269809
Conc: 46.28 ng/ml



#5 Aldrin

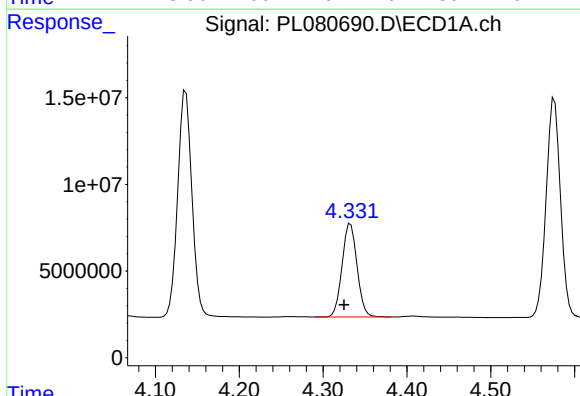
R.T.: 5.058 min
Delta R.T.: 0.006 min
Response: 136722597
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



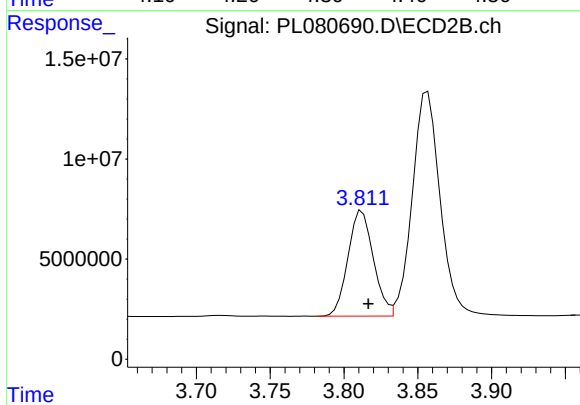
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 138156599
Conc: 46.84 ng/ml



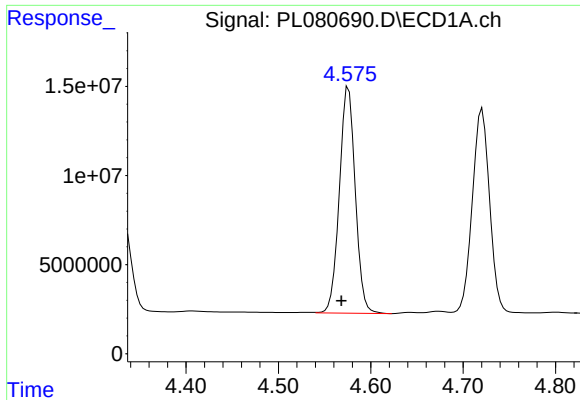
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 66866837
Conc: 48.99 ng/ml



#6 beta-BHC

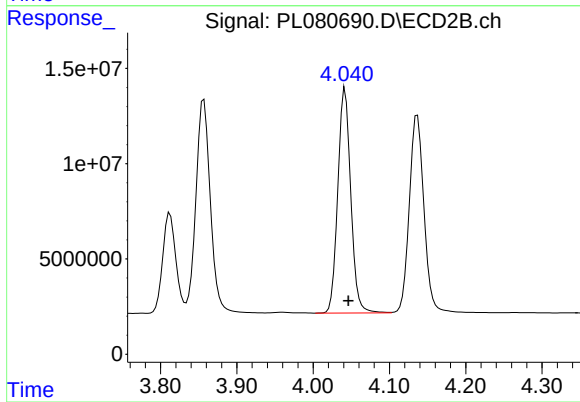
R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 63128894
Conc: 47.30 ng/ml



#7 delta-BHC

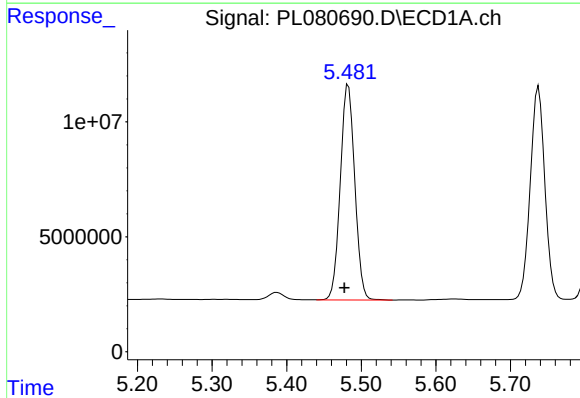
R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 152218857
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



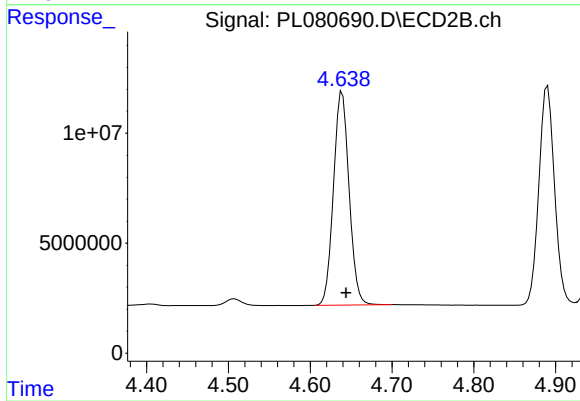
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 138867168
Conc: 48.14 ng/ml



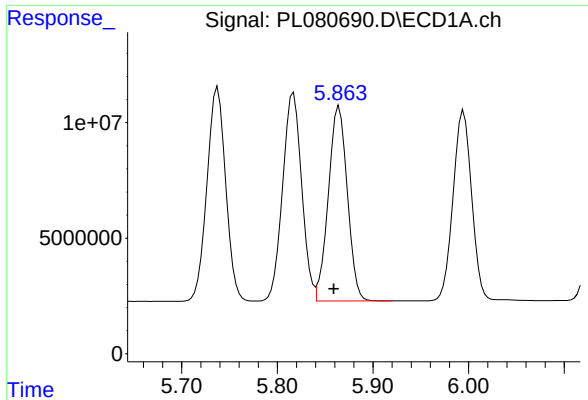
#8 Heptachlor epoxide

R.T.: 5.483 min
Delta R.T.: 0.006 min
Response: 126465307
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

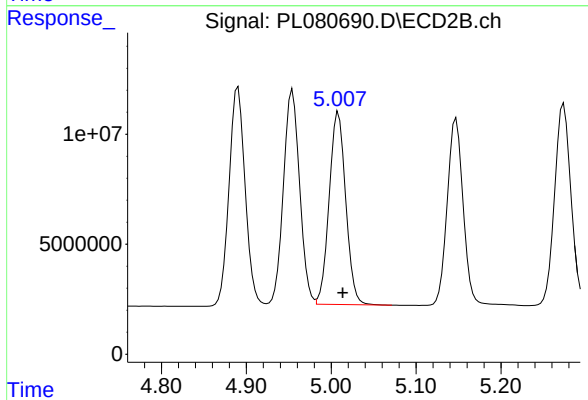
R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 128757320
Conc: 46.28 ng/ml



#9 Endosulfan I

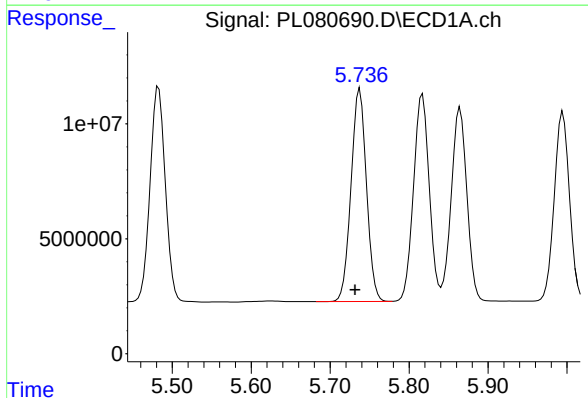
R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 115929215
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



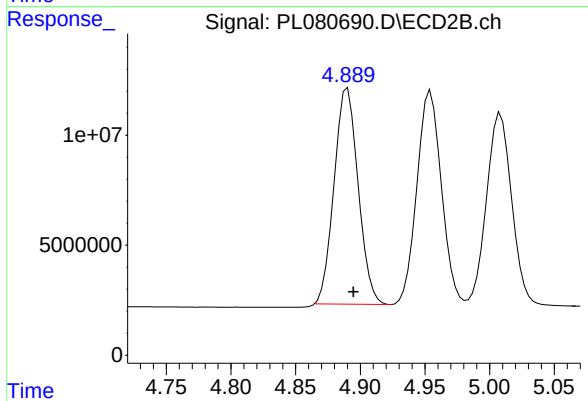
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 118705372
Conc: 45.63 ng/ml



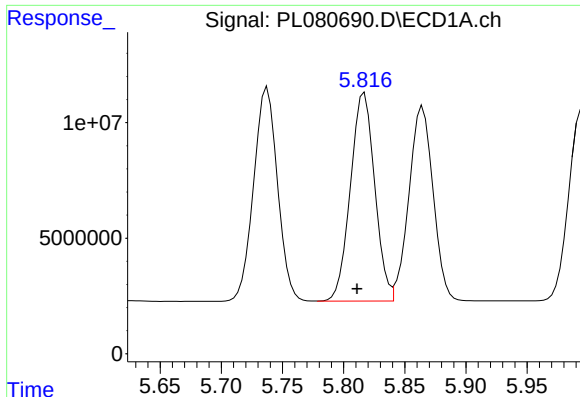
#10 gamma-Chlordane

R.T.: 5.738 min
Delta R.T.: 0.006 min
Response: 125646340
Conc: 49.75 ng/ml



#10 gamma-Chlordane

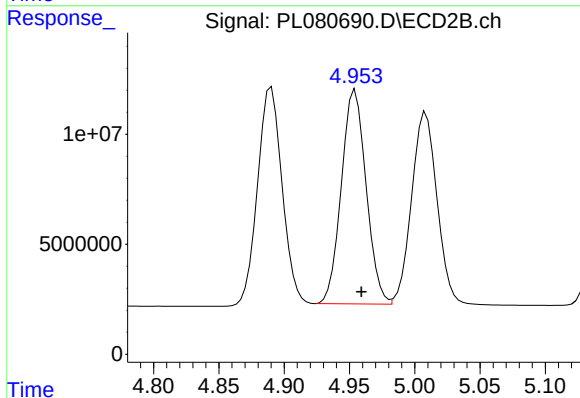
R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 126820452
Conc: 44.75 ng/ml



#11 alpha-Chlordane

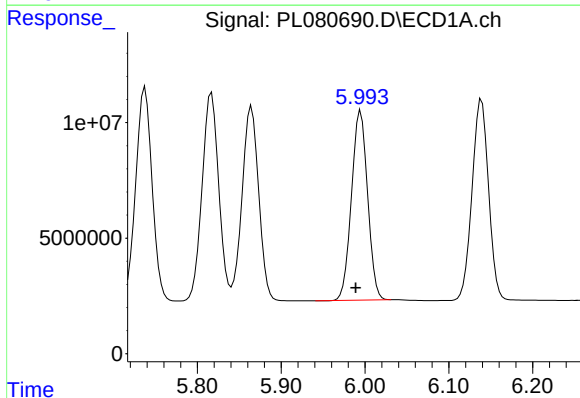
R.T.: 5.817 min
Delta R.T.: 0.006 min
Response: 124461135
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



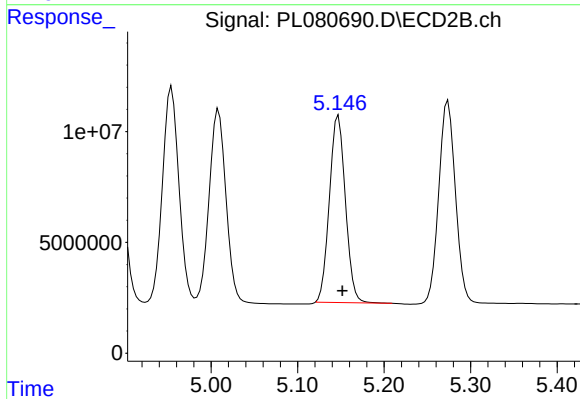
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 128568716
Conc: 44.88 ng/ml



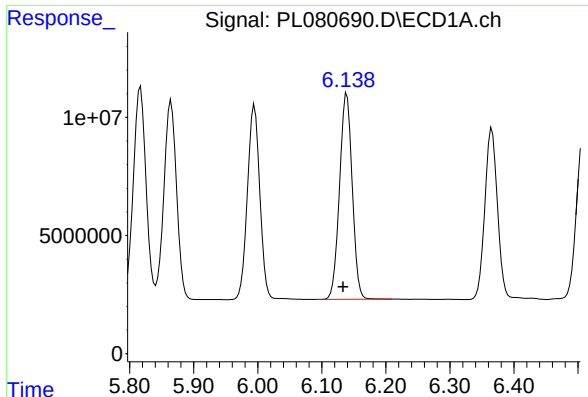
#12 4,4'-DDE

R.T.: 5.995 min
Delta R.T.: 0.006 min
Response: 109748383
Conc: 49.27 ng/ml



#12 4,4'-DDE

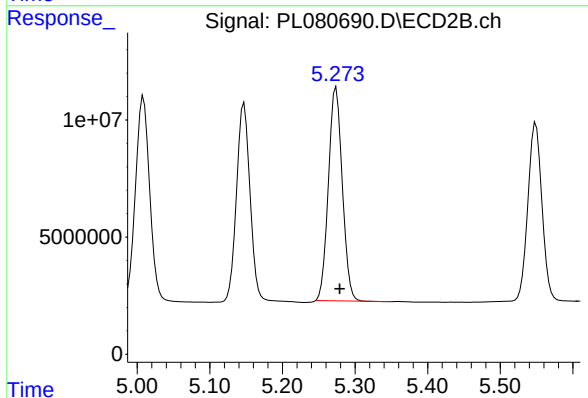
R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 108153341
Conc: 45.85 ng/ml



#13 Dieldrin

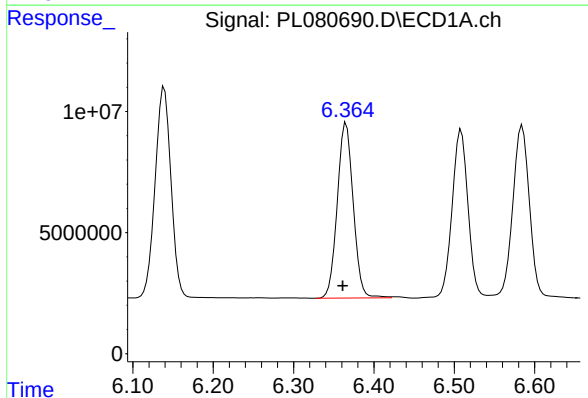
R.T.: 6.139 min
Delta R.T.: 0.006 min
Response: 119618821
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



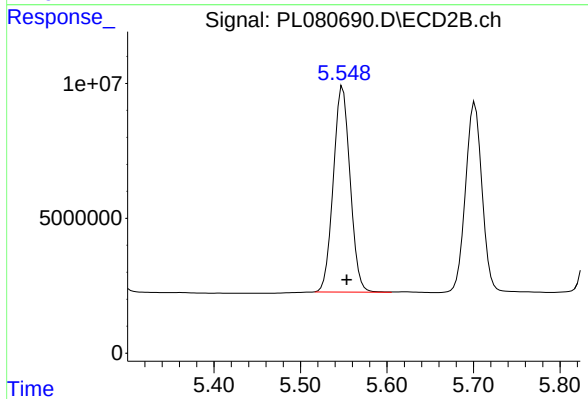
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 121130780
Conc: 44.78 ng/ml



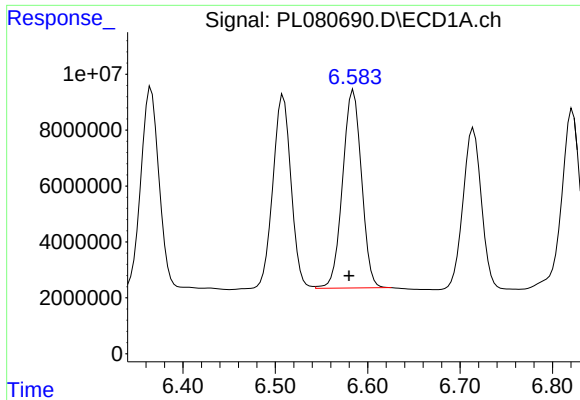
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 99789535
Conc: 46.14 ng/ml



#14 Endrin

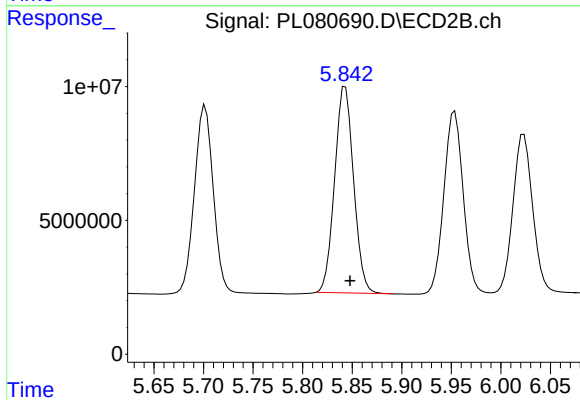
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 102457561
Conc: 44.14 ng/ml



#15 Endosulfan II

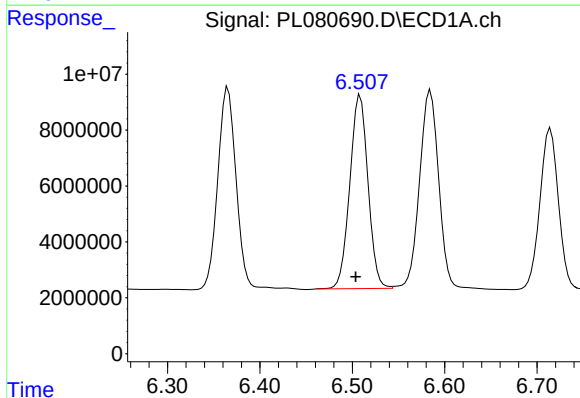
R.T.: 6.585 min
Delta R.T.: 0.005 min
Response: 100870985
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



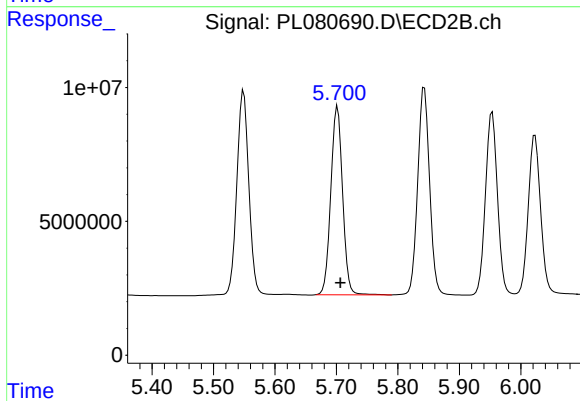
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 102438681
Conc: 49.16 ng/ml



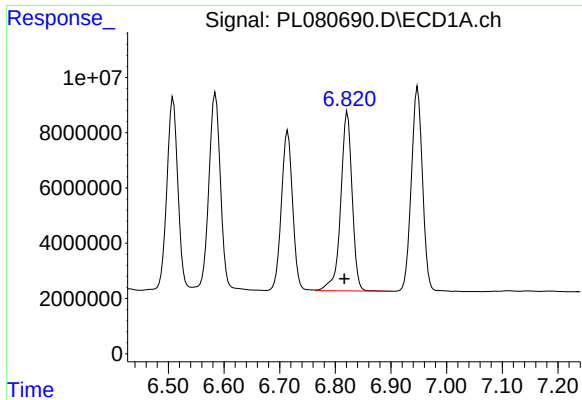
#16 4,4'-DDD

R.T.: 6.509 min
Delta R.T.: 0.005 min
Response: 94713569
Conc: 51.70 ng/ml



#16 4,4'-DDD

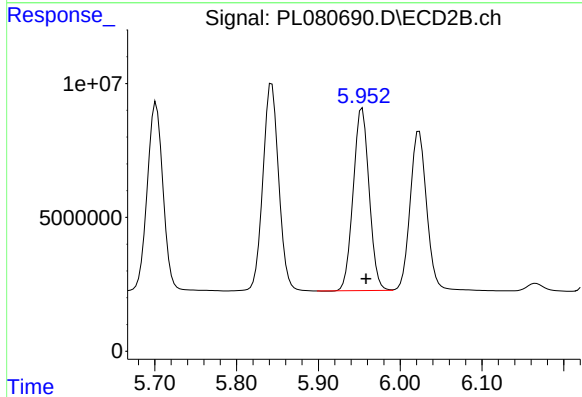
R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 93859210
Conc: 49.95 ng/ml



#17 4,4'-DDT

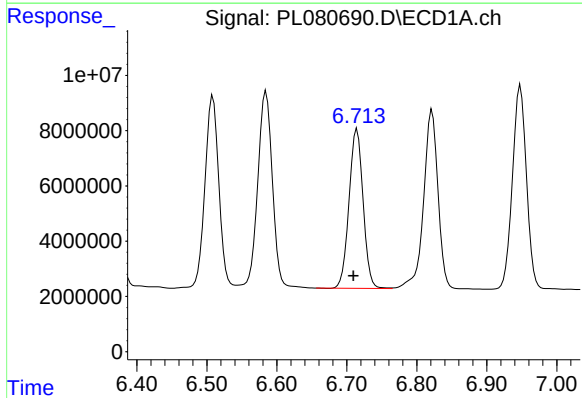
R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 92410884
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



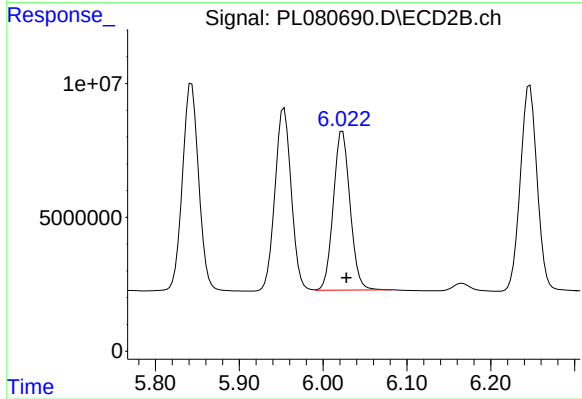
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 92151412
Conc: 43.85 ng/ml



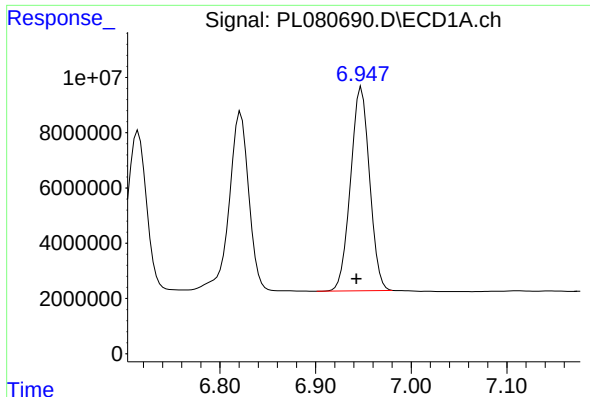
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 80606666
Conc: 48.46 ng/ml



#18 Endrin aldehyde

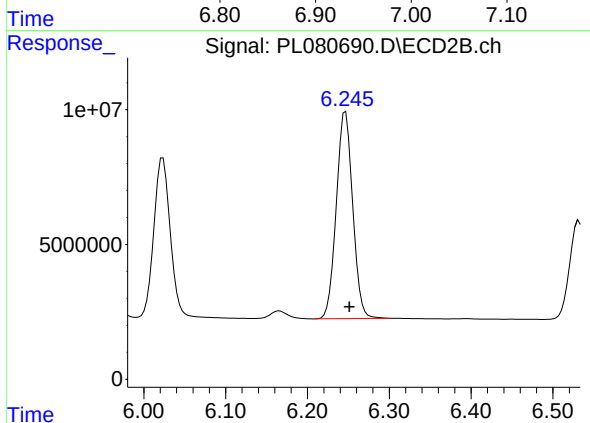
R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 82404350
Conc: 45.13 ng/ml



#19 Endosulfan Sulfate

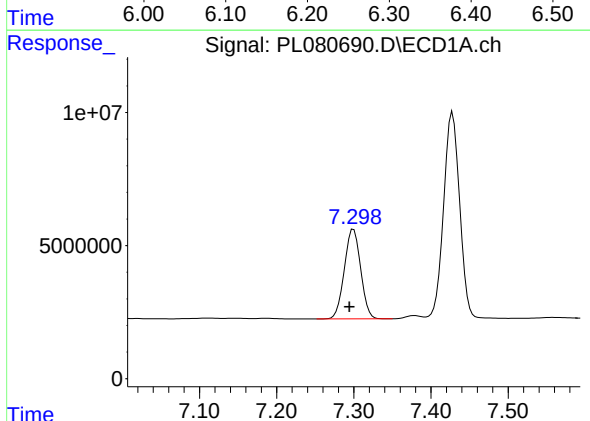
R.T.: 6.948 min
Delta R.T.: 0.005 min
Response: 102021745
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



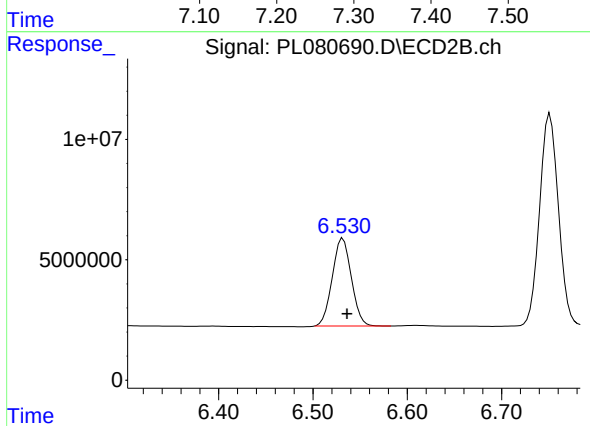
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 106761649
Conc: 45.91 ng/ml



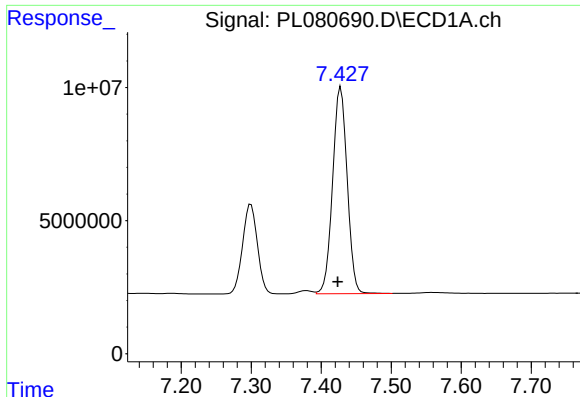
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.005 min
Response: 49390230
Conc: 44.77 ng/ml



#20 Methoxychlor

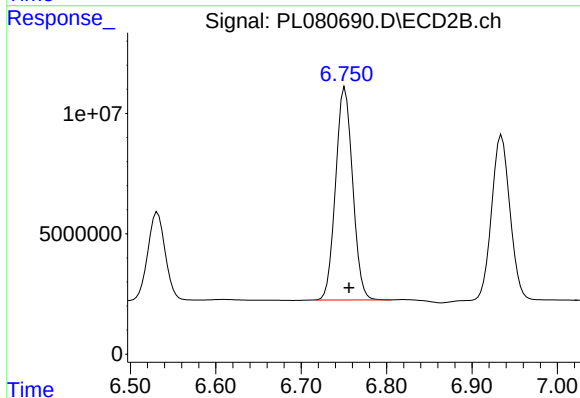
R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 51303128
Conc: 42.28 ng/ml



#21 Endrin ketone

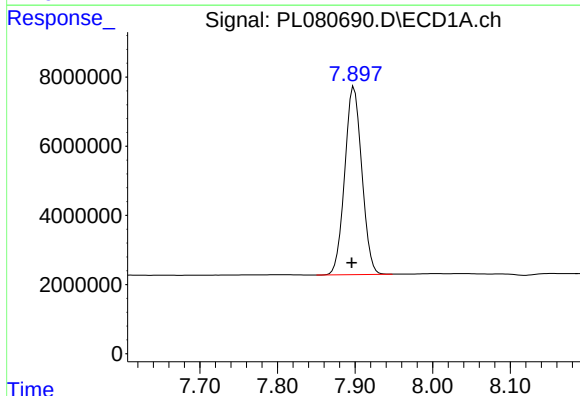
R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 112120485
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



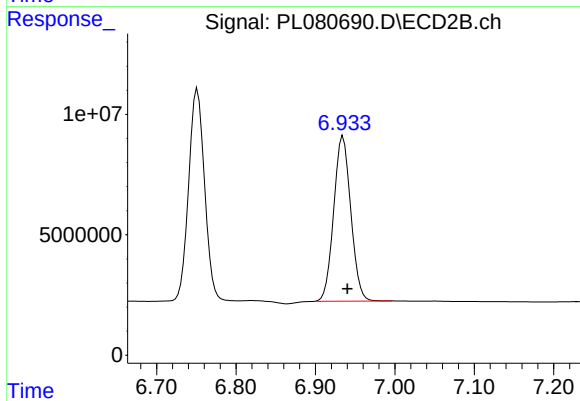
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 122517955
Conc: 47.99 ng/ml



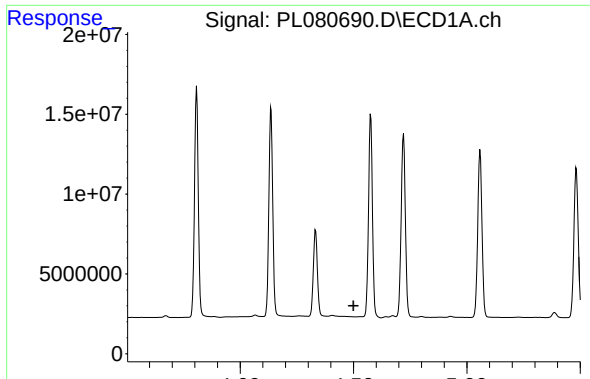
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 83159267
Conc: 48.35 ng/ml



#22 Mirex

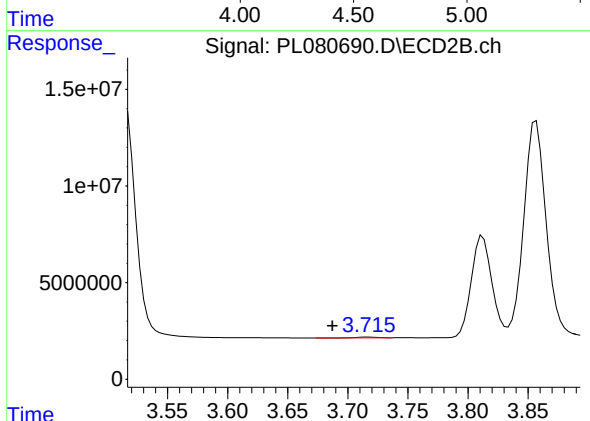
R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 102378788
Conc: 44.97 ng/ml



#23 Chlordane-1

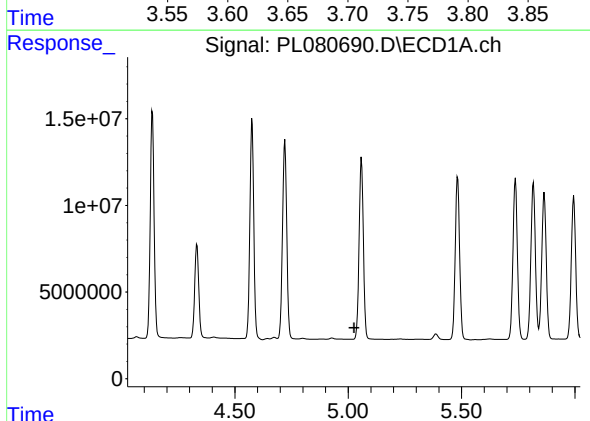
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



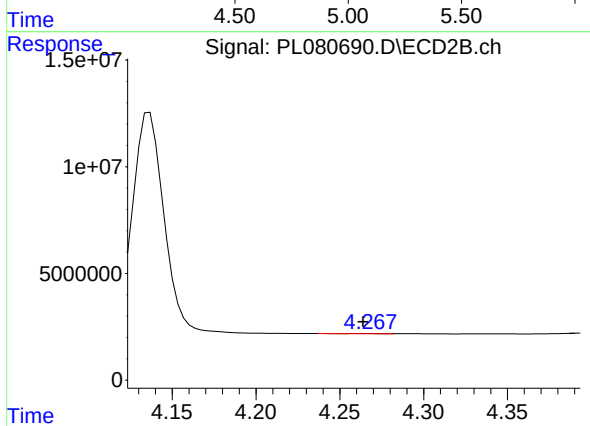
#23 Chlordane-1

R.T.: 3.717 min
Delta R.T.: 0.030 min
Response: 575672
Conc: 7.07 ng/ml



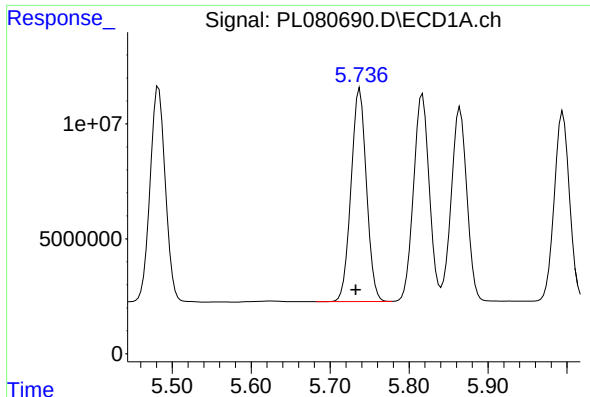
#24 Chlordane-2

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



#24 Chlordane-2

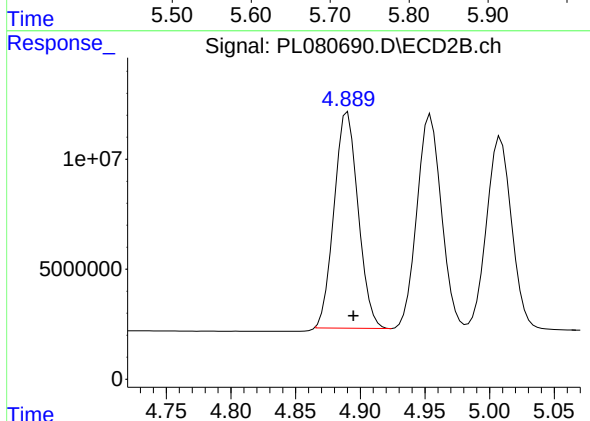
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 107808
Conc: 1.20 ng/ml



#25 Chlordane-3

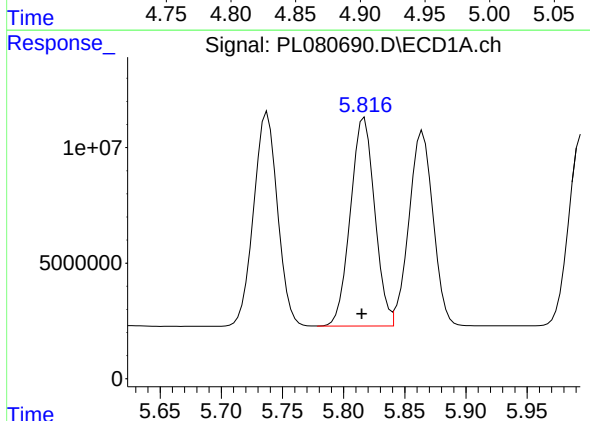
R.T.: 5.738 min
Delta R.T.: 0.005 min
Response: 125646340
Conc: 371.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



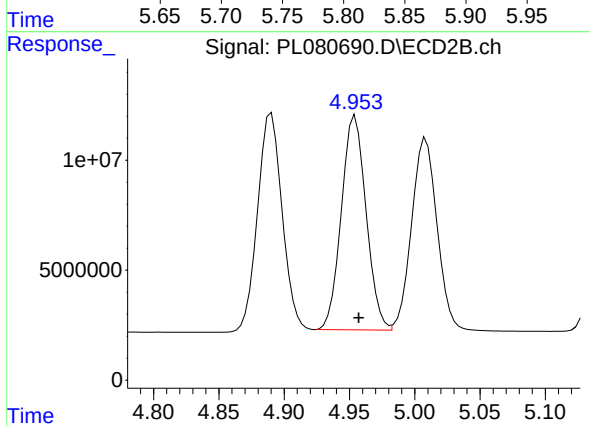
#25 Chlordane-3

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 126820452
Conc: 480.84 ng/ml



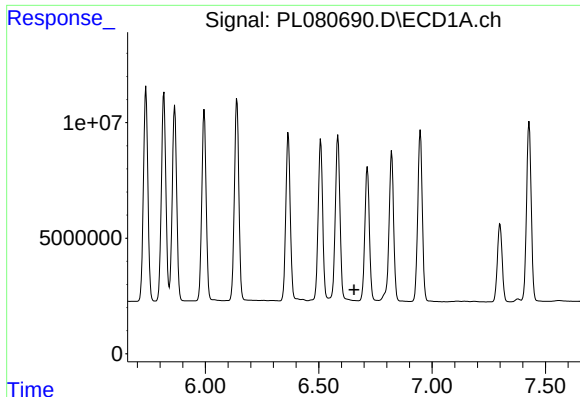
#26 Chlordane-4

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 124461135
Conc: 288.49 ng/ml



#26 Chlordane-4

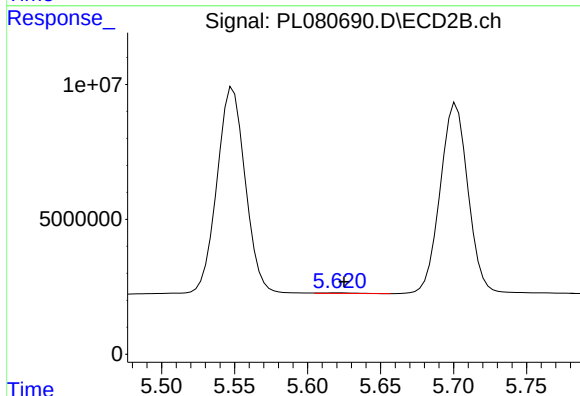
R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 128568716
Conc: 477.42 ng/ml



#27 Chlordane-5

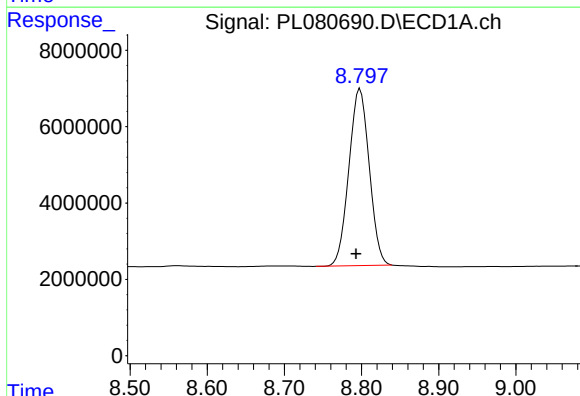
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



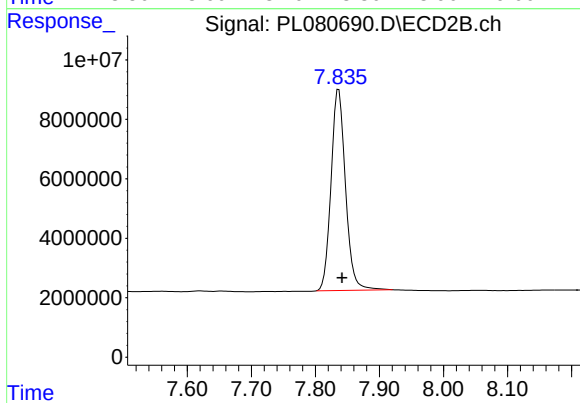
#27 Chlordane-5

R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 389620
Conc: 5.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 84855722
Conc: 48.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.005 min
Response: 106237438
Conc: 44.59 ng/ml