

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 14:03
 Operator : AR\AJ
 Sample : 01328-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 14:47:44 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...	3.352	2.689	36041629	37032285	16.804	16.860
28)	SA Decachlor...	8.788	7.835	33793211	43053079	19.302	18.070
Target Compounds							
2)	A alpha-BHC	3.800	3.190	152.7E6	157.1E6	48.198	49.396
3)	MA gamma-BHC...	4.128	3.518	138.7E6	146.4E6	47.174	49.007
4)	MA Heptachlor	4.712	3.859	140.8E6	148.0E6	47.651	46.499
5)	MB Aldrin	5.050	4.138	132.1E6	142.7E6	48.286	48.364
6)	B beta-BHC	4.324	3.814	61894823	61665144	45.343	46.204
7)	B delta-BHC	4.567	4.043	146.3E6	143.2E6	50.520	49.639
8)	B Heptachlo...	5.475	4.640	125.8E6	131.9E6	48.608	47.402
9)	A Endosulfan I	5.856	5.009	111.6E6	119.8E6	47.270	46.064
10)	B gamma-Chl...	5.730	4.891	121.5E6	129.4E6	48.104	45.642
11)	B alpha-Chl...	5.808	4.955	120.6E6	130.8E6	47.759	45.642
12)	B 4,4'-DDE	5.986	5.148	106.8E6	110.0E6	47.951	46.635
13)	MA Dieldrin	6.130	5.275	119.0E6	130.7E6	49.708	48.335
14)	MA Endrin	6.358	5.549	106.2E6	117.7E6	49.117	50.696
15)	B Endosulfa...	6.577	5.844	101.7E6	111.9E6	44.360	53.712
16)	A 4,4'-DDD	6.500	5.702	87104010	90719548	47.546	48.276
17)	MA 4,4'-DDT	6.813	5.953	92878889	98330485	44.703	46.791
18)	B Endrin al...	6.706	6.023	84820313	92177331	50.992	50.477
19)	B Endosulfa...	6.940	6.247	101.0E6	110.9E6	48.798	47.670
20)	A Methoxychlor	7.292	6.531	51524705	54913847	46.701	45.254
21)	B Endrin ke...	7.420	6.751	106.7E6	122.7E6	48.378	48.051
22)	Mirex	7.891	6.935	84696091	107.9E6	49.248	47.401
23)	Chlordane-1	4.526f	3.699	786738	428699	9.236	5.265 #
24)	Chlordane-2	5.050f	4.269	132.1E6	-21640	1369.617	N.D. #
25)	Chlordane-3	5.730	4.891	121.5E6	129.4E6	359.554	490.473 #
26)	Chlordane-4	5.808	4.955	120.6E6	130.8E6	279.447	485.523 #
27)	Chlordane-5	0.000	5.650f	0	67293	N.D.	0.946 #

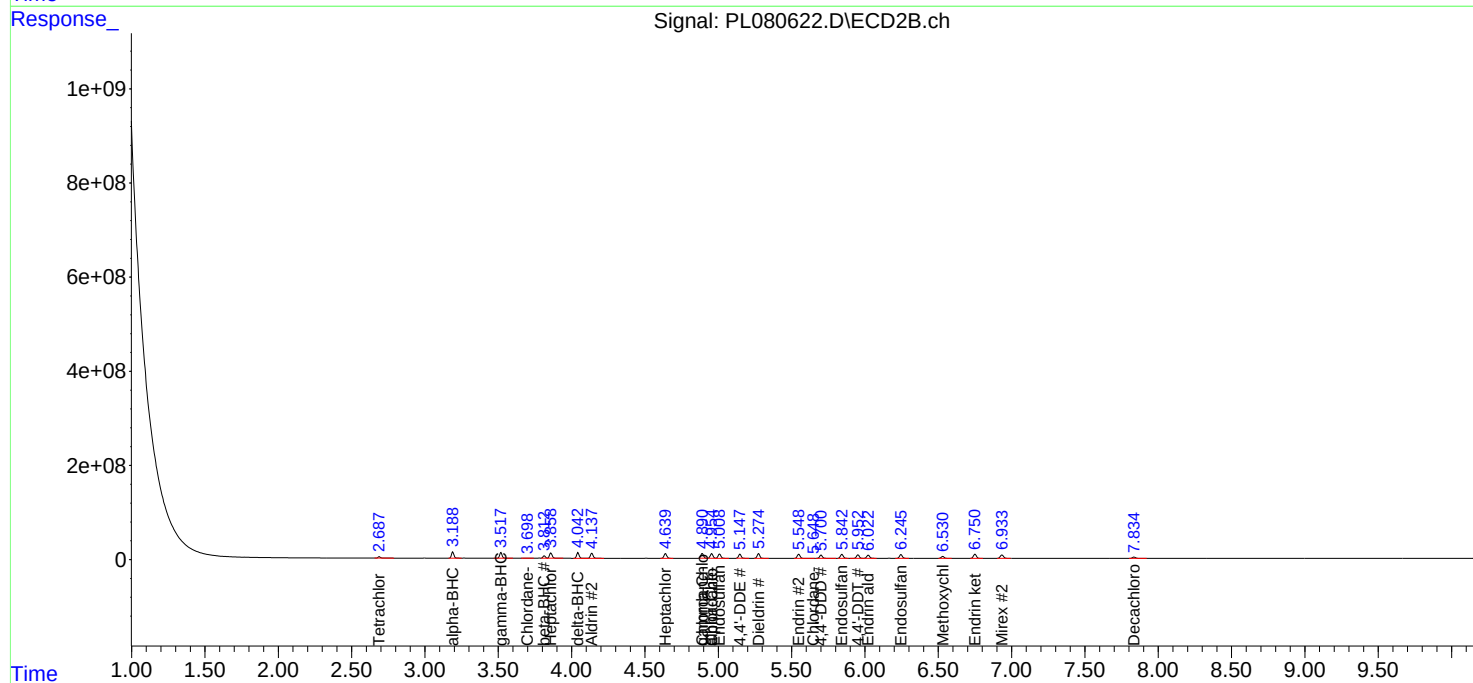
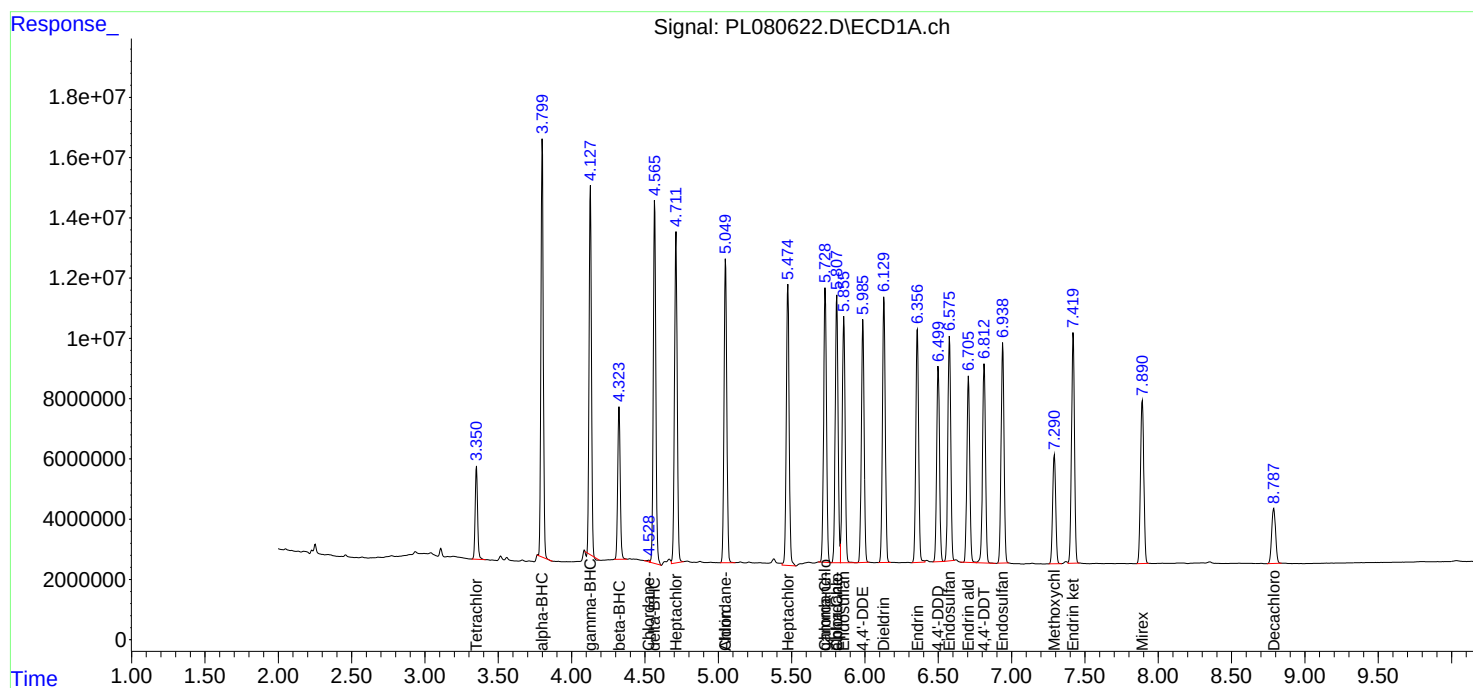
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

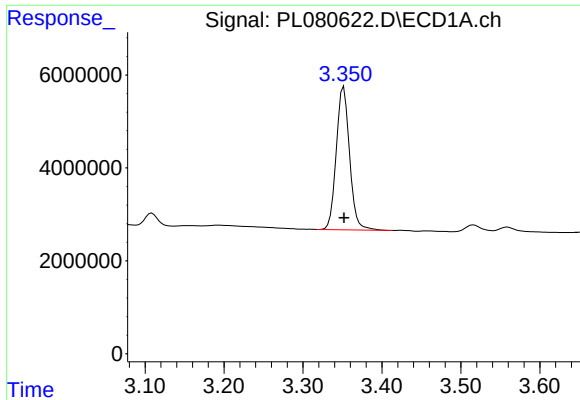
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
Data File : PL080622.D
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

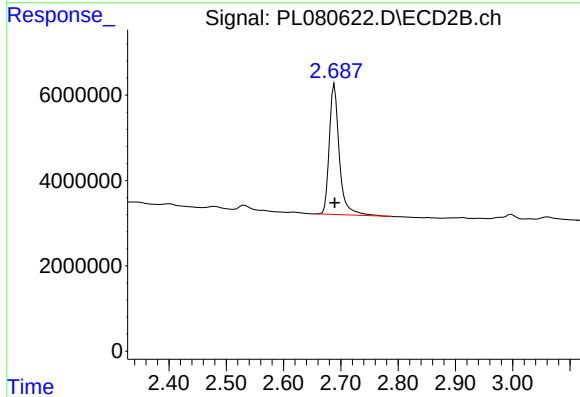




#1 Tetrachloro-m-xylene

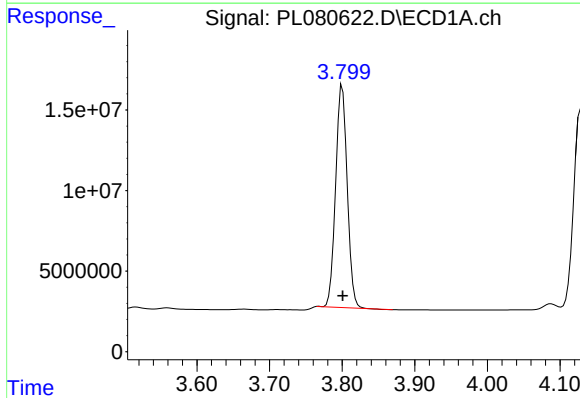
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 36041629
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



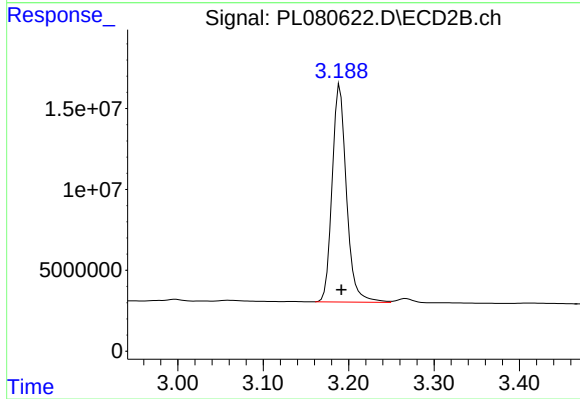
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 37032285
Conc: 16.86 ng/ml



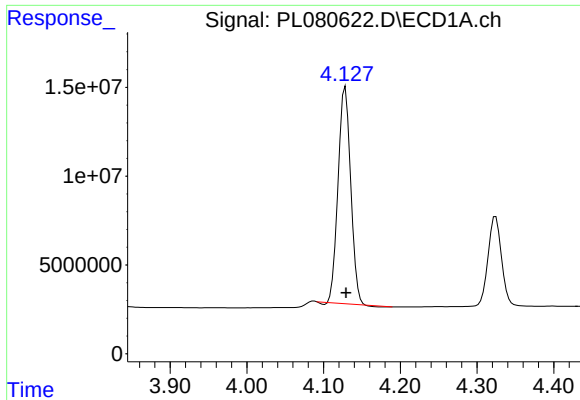
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 152693527
Conc: 48.20 ng/ml



#2 alpha-BHC

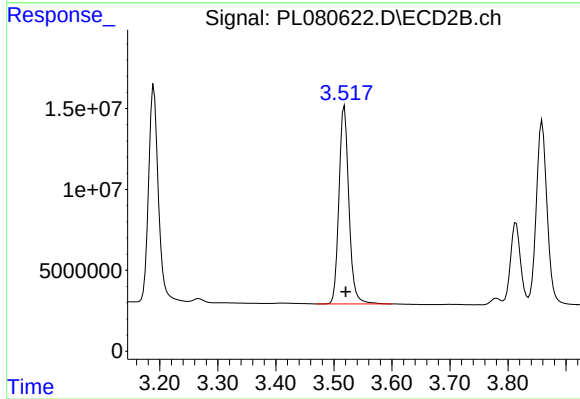
R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 157099336
Conc: 49.40 ng/ml



#3 gamma-BHC (Lindane)

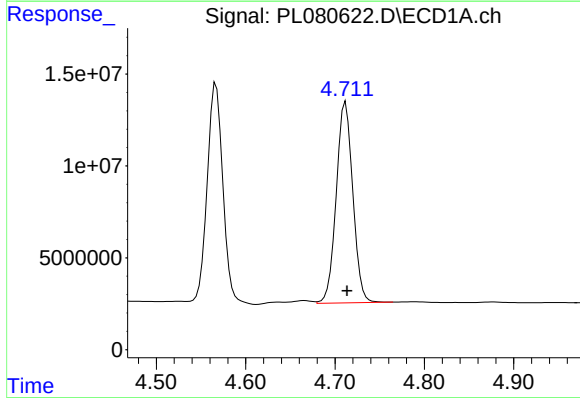
R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 138681122
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



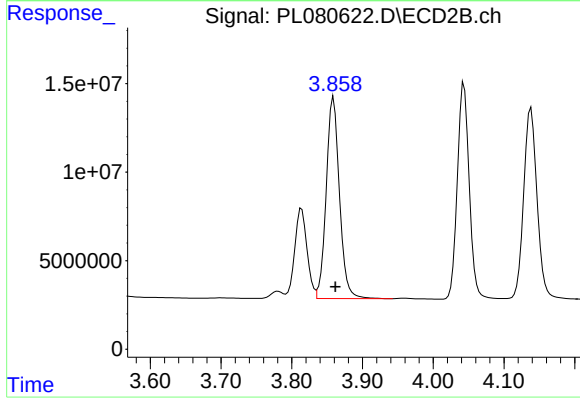
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 146399774
Conc: 49.01 ng/ml



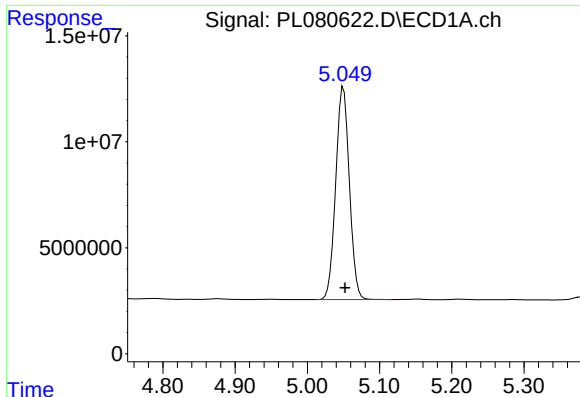
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 140818022
Conc: 47.65 ng/ml



#4 Heptachlor

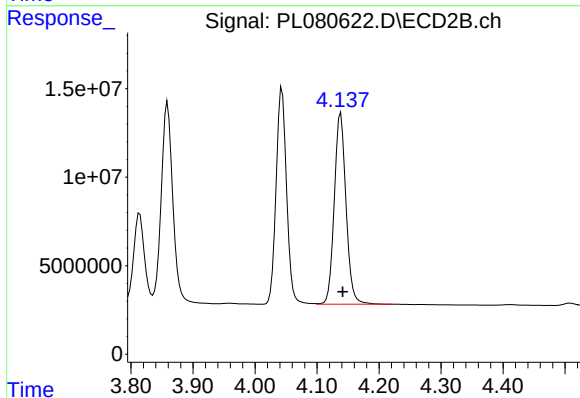
R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 147976360
Conc: 46.50 ng/ml



#5 Aldrin

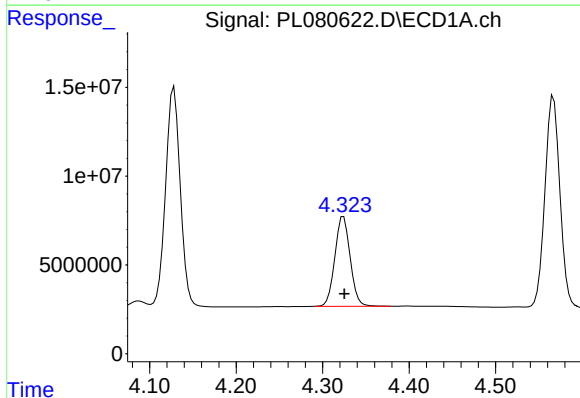
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 132098767
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



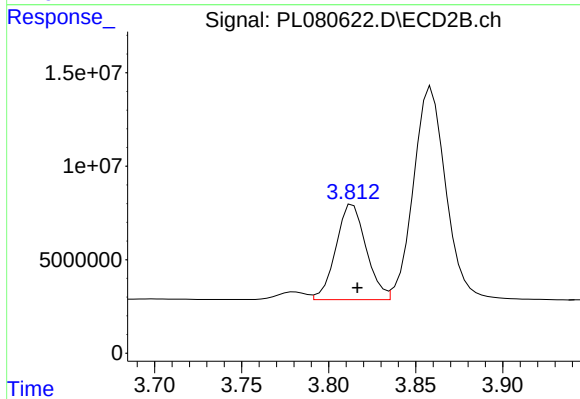
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 142653003
Conc: 48.36 ng/ml



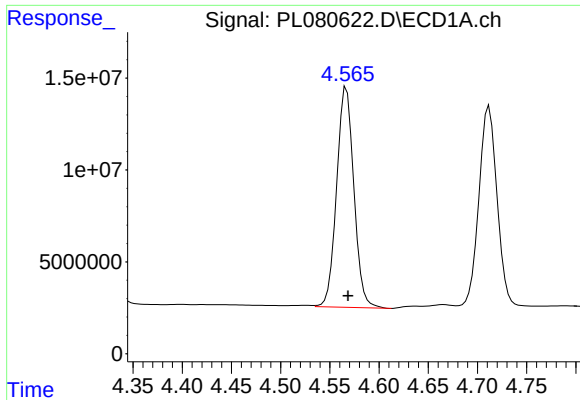
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 61894823
Conc: 45.34 ng/ml



#6 beta-BHC

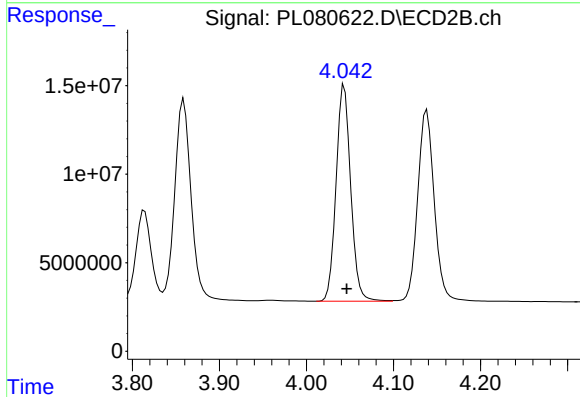
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 61665144
Conc: 46.20 ng/ml



#7 delta-BHC

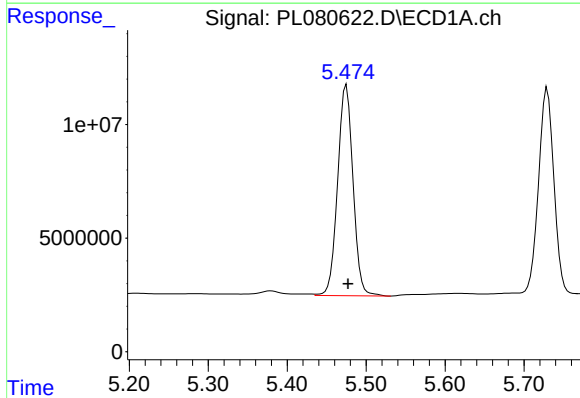
R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 146255730
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



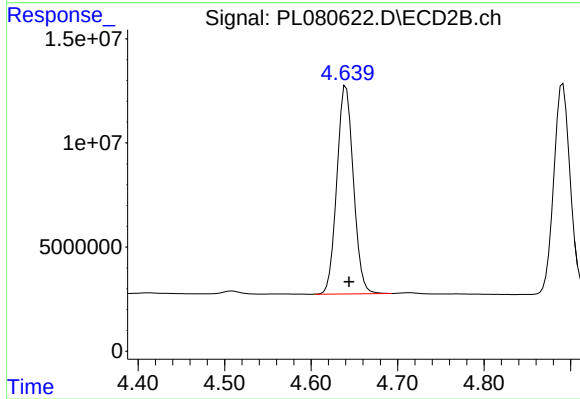
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 143181078
Conc: 49.64 ng/ml



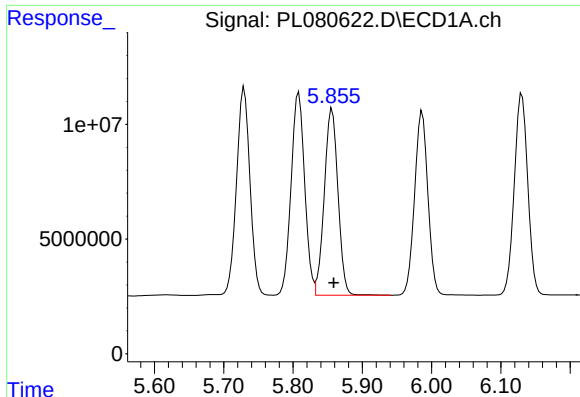
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 125752347
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

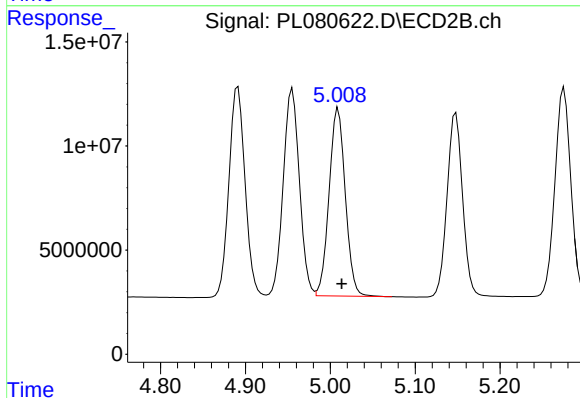
R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 131889138
Conc: 47.40 ng/ml



#9 Endosulfan I

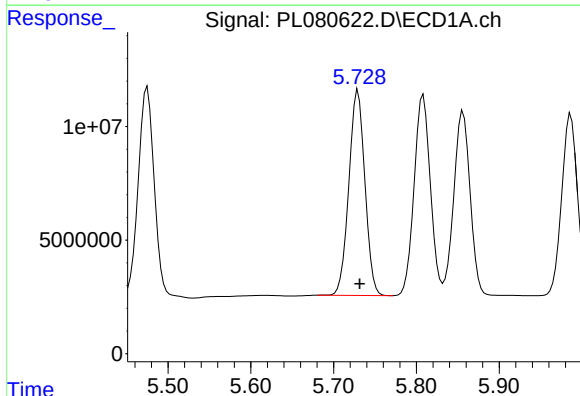
R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 111625679
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



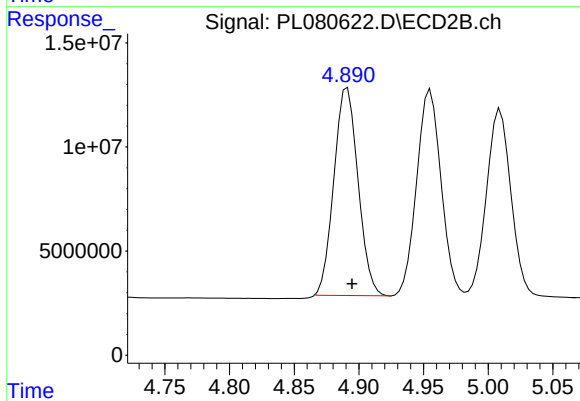
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 119827576
Conc: 46.06 ng/ml



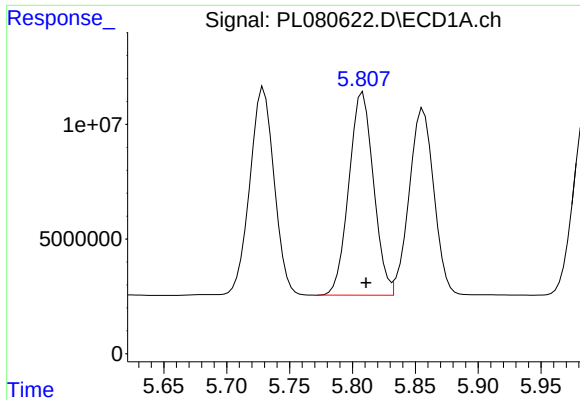
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 121497370
Conc: 48.10 ng/ml



#10 gamma-Chlordane

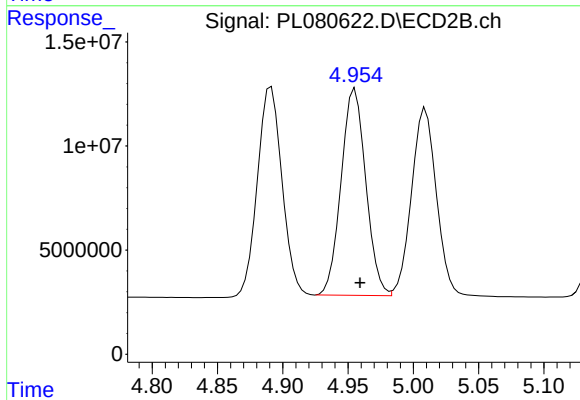
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 129359737
Conc: 45.64 ng/ml



#11 alpha-Chlordane

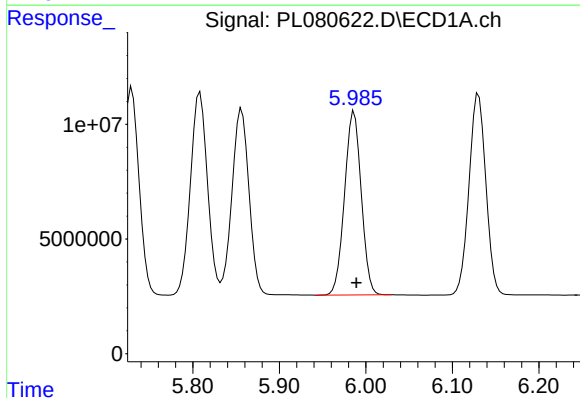
R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 120557650
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



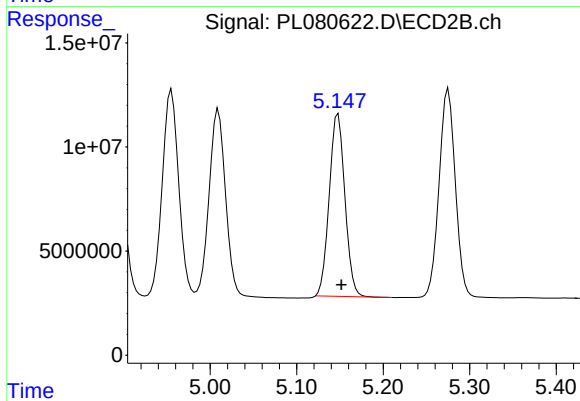
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 130750424
Conc: 45.64 ng/ml



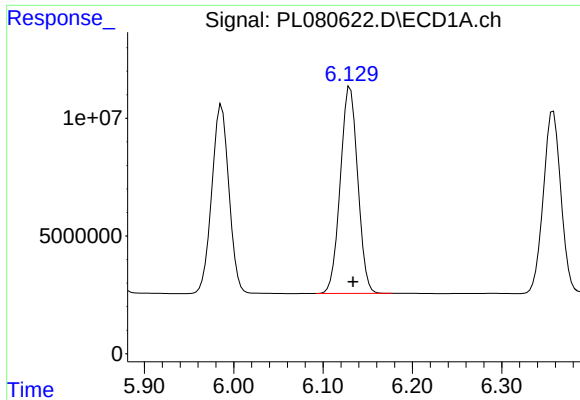
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 106804183
Conc: 47.95 ng/ml



#12 4,4'-DDE

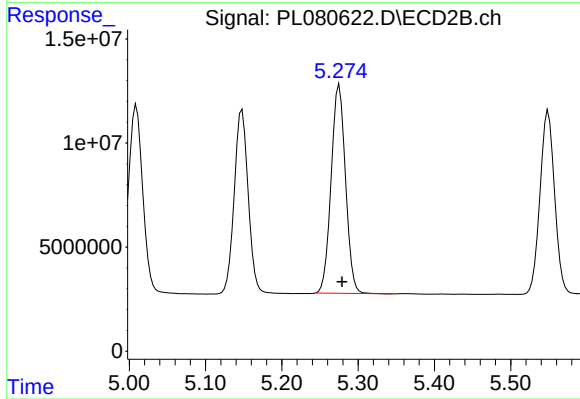
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 110004715
Conc: 46.64 ng/ml



#13 Dieldrin

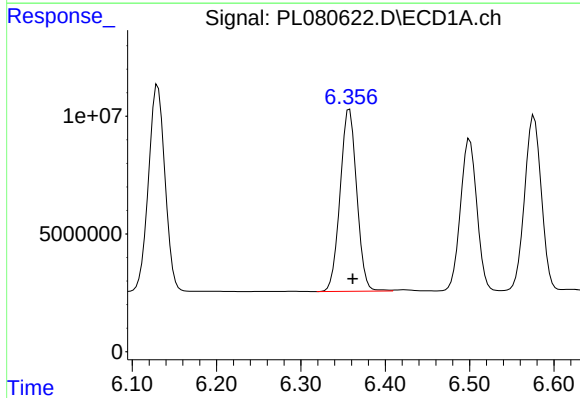
R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 118968103
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



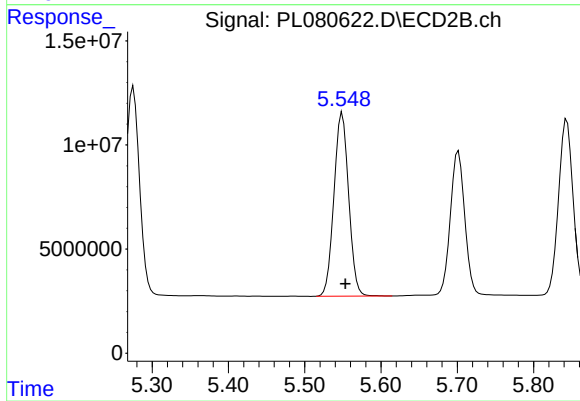
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 130744440
Conc: 48.33 ng/ml



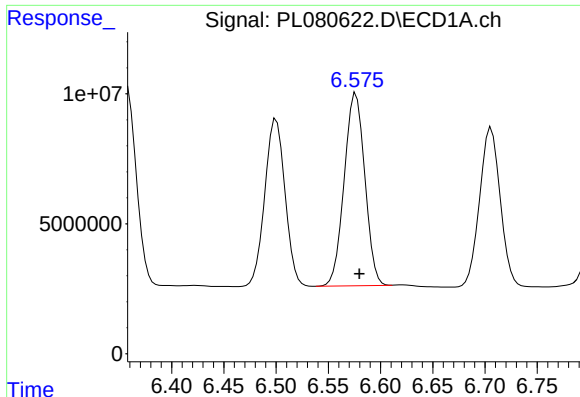
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 106225471
Conc: 49.12 ng/ml



#14 Endrin

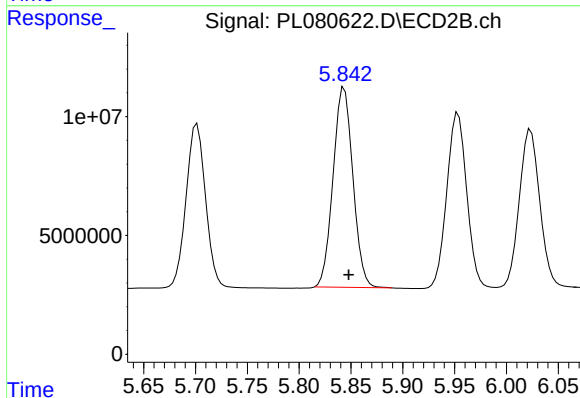
R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 117674555
Conc: 50.70 ng/ml



#15 Endosulfan II

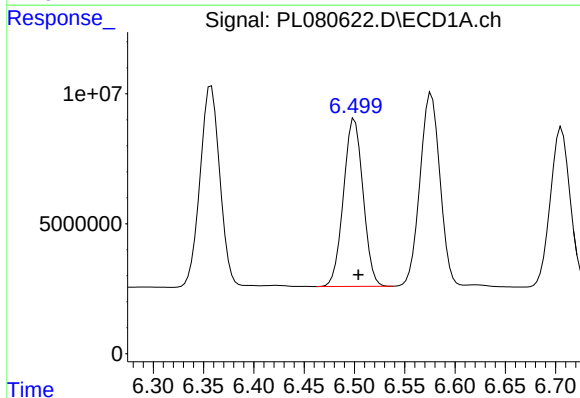
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 101688650
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



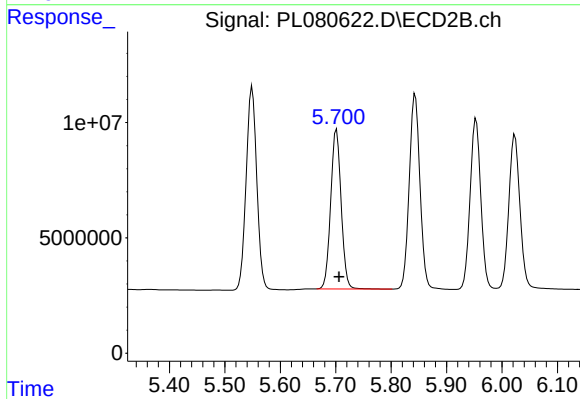
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 111921629
Conc: 53.71 ng/ml



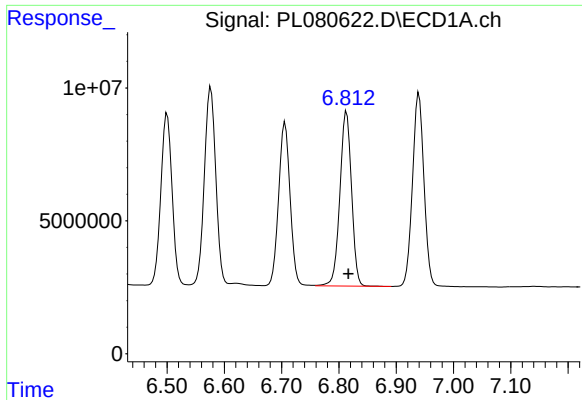
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 87104010
Conc: 47.55 ng/ml



#16 4,4'-DDD

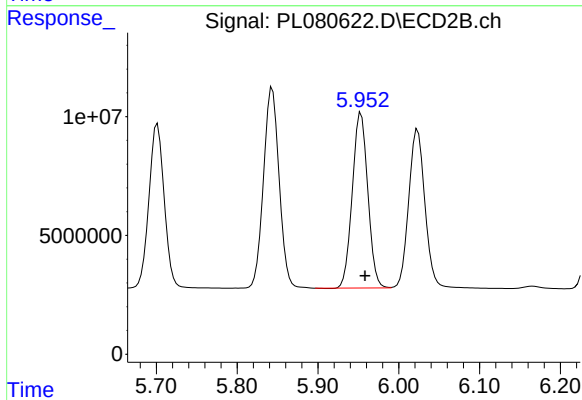
R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 90719548
Conc: 48.28 ng/ml



#17 4,4'-DDT

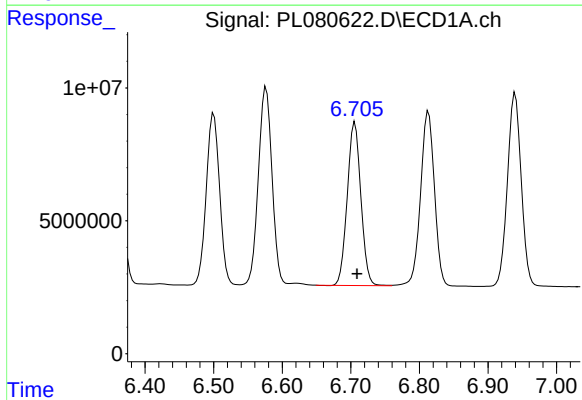
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 92878889
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



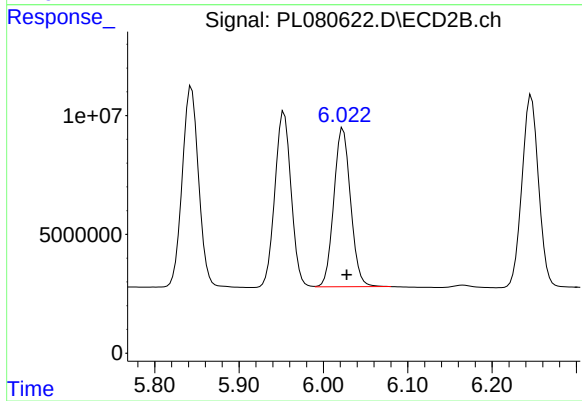
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 98330485
Conc: 46.79 ng/ml



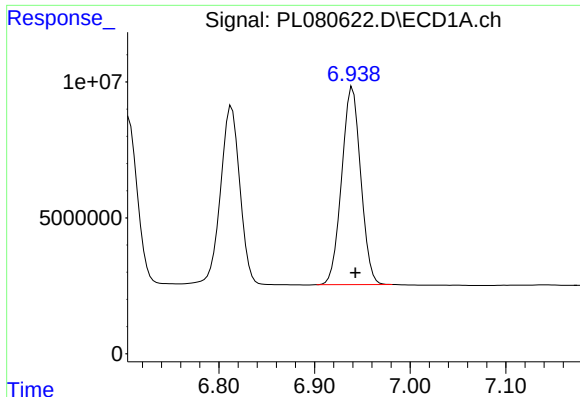
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 84820313
Conc: 50.99 ng/ml



#18 Endrin aldehyde

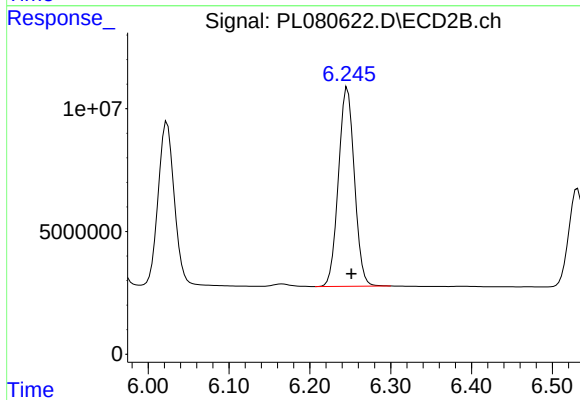
R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 92177331
Conc: 50.48 ng/ml



#19 Endosulfan Sulfate

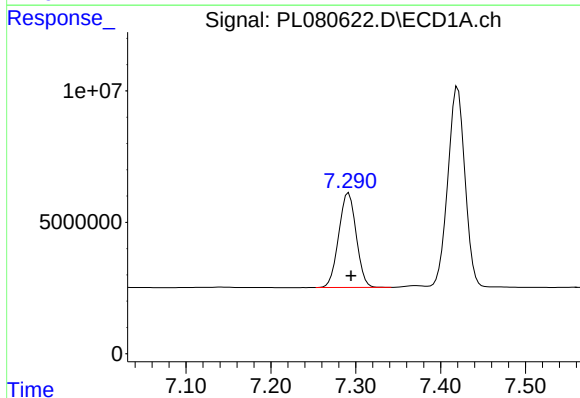
R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 101006886
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



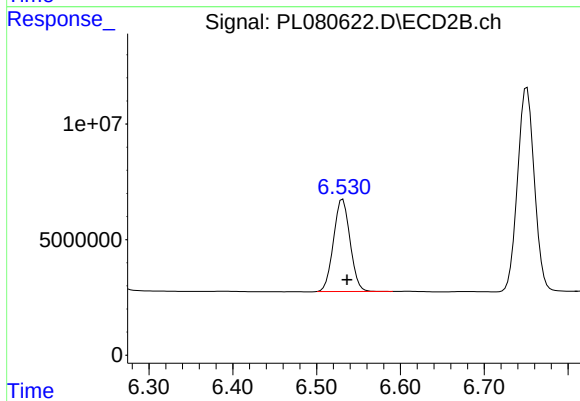
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 110865304
Conc: 47.67 ng/ml



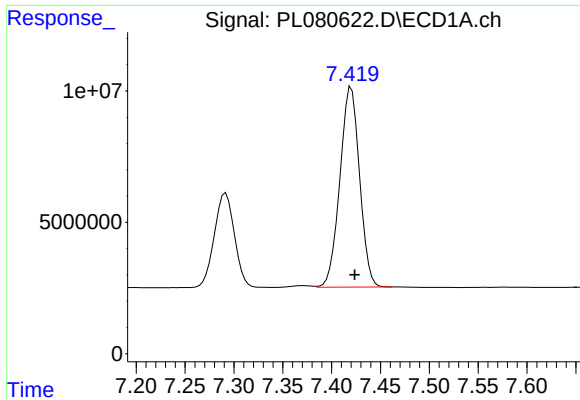
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 51524705
Conc: 46.70 ng/ml



#20 Methoxychlor

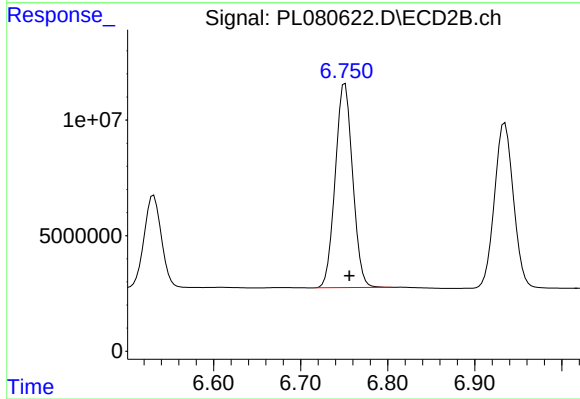
R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 54913847
Conc: 45.25 ng/ml



#21 Endrin ketone

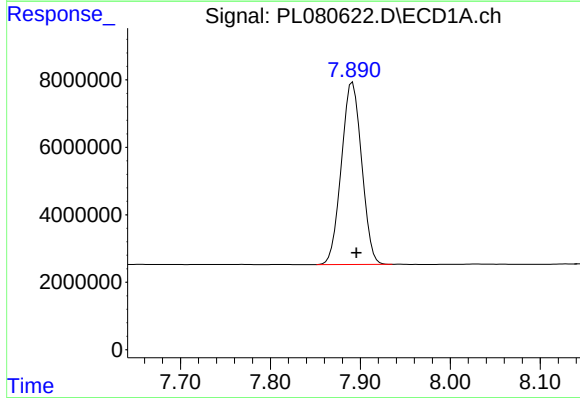
R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 106738816
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



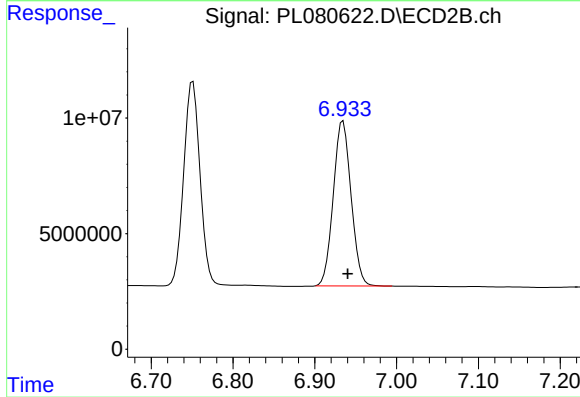
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 122685378
Conc: 48.05 ng/ml



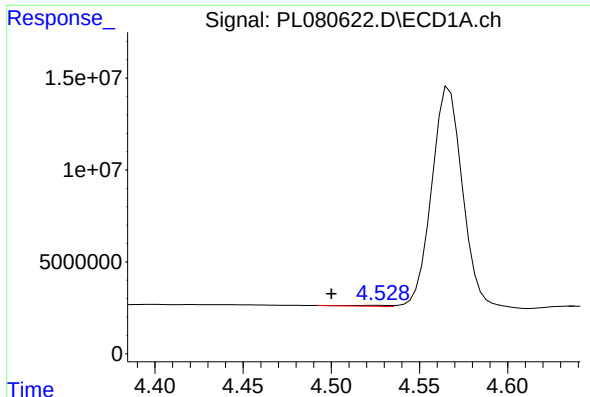
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 84696091
Conc: 49.25 ng/ml



#22 Mirex

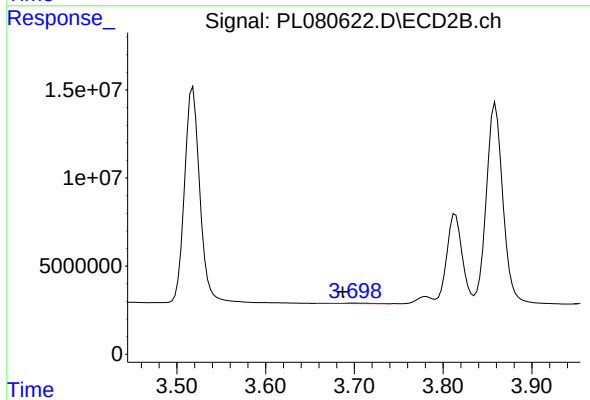
R.T.: 6.935 min
Delta R.T.: -0.006 min
Response: 107919684
Conc: 47.40 ng/ml



#23 Chlordane-1

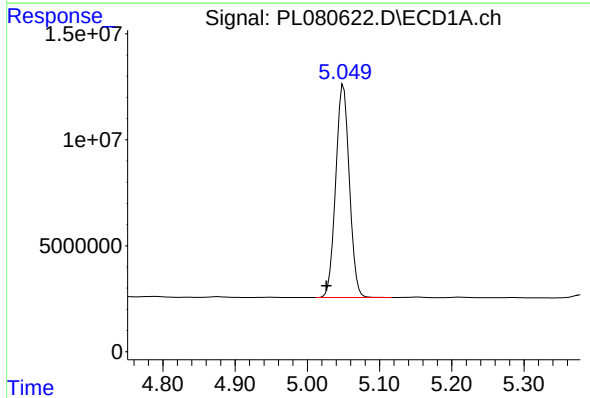
R.T.: 4.526 min
Delta R.T.: 0.026 min
Response: 786738
Conc: 9.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



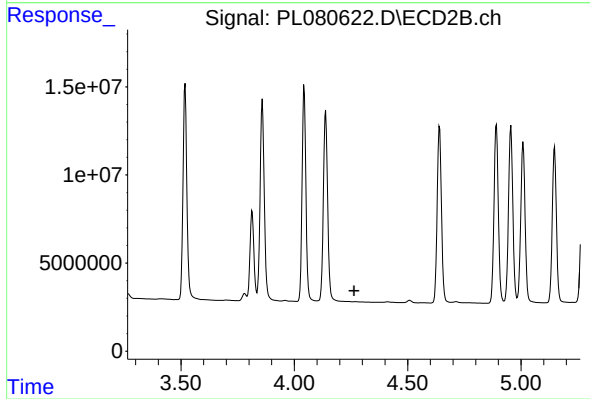
#23 Chlordane-1

R.T.: 3.699 min
Delta R.T.: 0.012 min
Response: 428699
Conc: 5.26 ng/ml



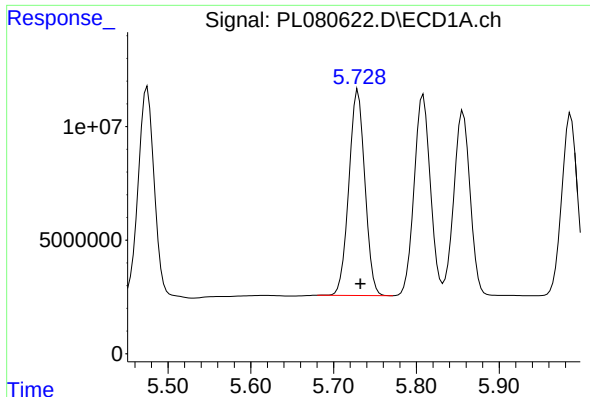
#24 Chlordane-2

R.T.: 5.050 min
Delta R.T.: 0.023 min
Response: 132098767
Conc: 1369.62 ng/ml



#24 Chlordane-2

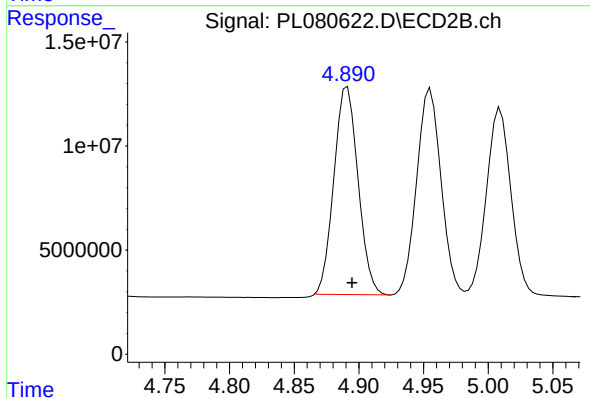
R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: -21640
Conc: N.D.



#25 Chlordane-3

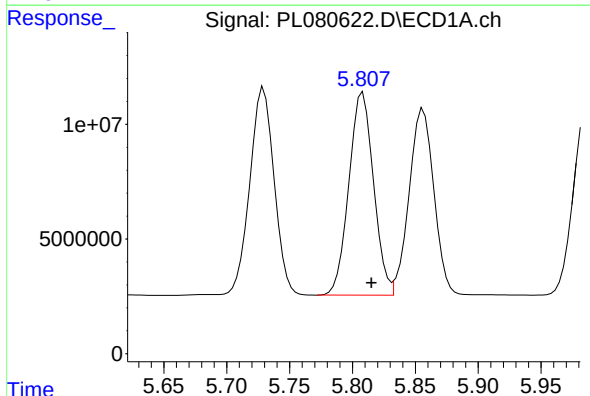
R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 121497370
Conc: 359.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



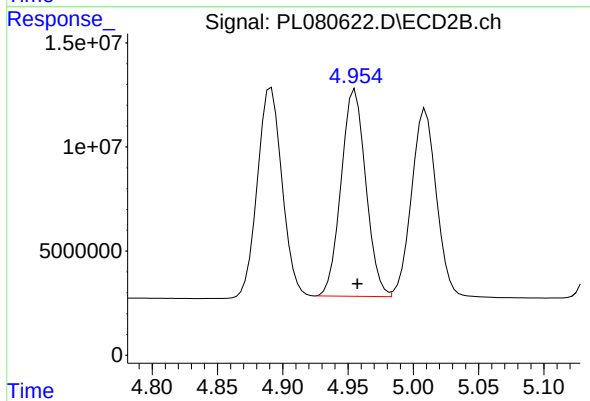
#25 Chlordane-3

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 129359737
Conc: 490.47 ng/ml



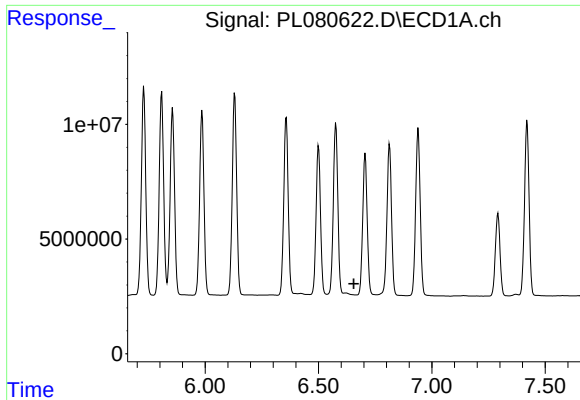
#26 Chlordane-4

R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 120557650
Conc: 279.45 ng/ml



#26 Chlordane-4

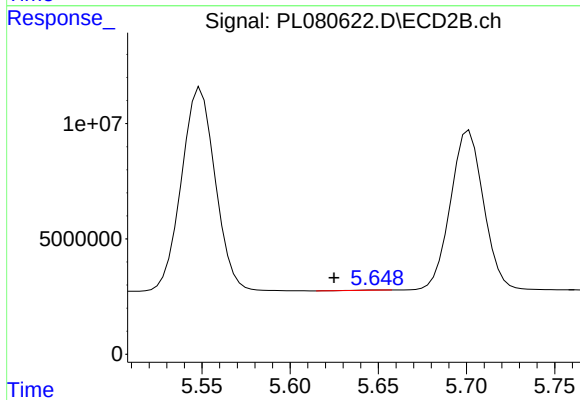
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 130750424
Conc: 485.52 ng/ml



#27 Chlordane-5

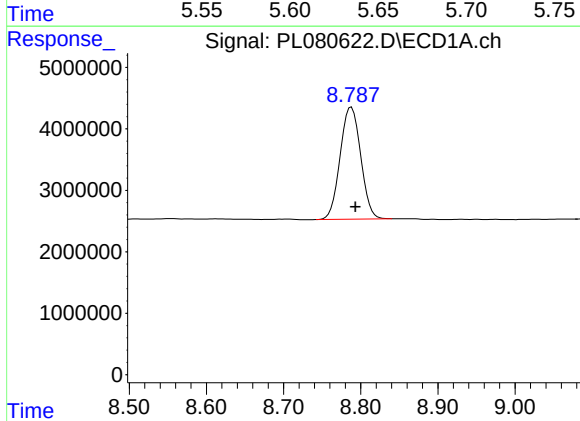
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



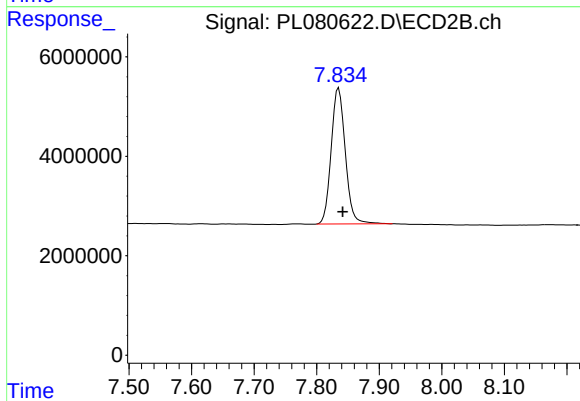
#27 Chlordane-5

R.T.: 5.650 min
Delta R.T.: 0.025 min
Response: 67293
Conc: 0.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 33793211
Conc: 19.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 43053079
Conc: 18.07 ng/ml