

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 14:07
 Operator : AR\AJ
 Sample : 03302-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:34:28 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...	3.452	2.753	52844038	44658699	23.908	19.172
28)	SA Decachlor...	8.989	7.960	37116981	46729397	19.478	19.026
Target Compounds							
2)	A alpha-BHC	3.909	3.263	138.7E6	158.3E6	44.545	46.901
3)	MA gamma-BHC...	4.242	3.596	131.0E6	152.3E6	45.946	47.448
4)	MA Heptachlor	4.834	3.942	131.7E6	152.1E6	47.617	49.146
5)	MB Aldrin	5.176	4.225	124.8E6	148.3E6	48.028	49.276
6)	B beta-BHC	4.441	3.897	61904458	70971095	47.848	47.555
7)	B delta-BHC	4.687	4.128	90000052	109.4E6	32.653	33.956
8)	B Heptachlo...	5.604	4.734	115.7E6	124.2E6	45.573	43.269
9)	A Endosulfan I	5.990	5.106	108.5E6	134.2E6	48.713	49.803
10)	B gamma-Chl...	5.861	4.988	117.1E6	146.4E6	48.671	49.496
11)	B alpha-Chl...	5.941	5.053	115.6E6	145.8E6	48.798	49.286
12)	B 4,4'-DDE	6.120	5.250	104.5E6	133.7E6	51.784	52.331
13)	MA Dieldrin	6.266	5.374	111.1E6	139.3E6	49.479	49.665
14)	MA Endrin	6.496	5.651	95254513	124.4E6	53.973	53.915
15)	B Endosulfa...	6.716	5.948	93097535	122.0E6	49.879	51.406
16)	A 4,4'-DDD	6.638	5.809	92828458	116.4E6	54.368	52.764
17)	MA 4,4'-DDT	6.954	6.062	83233876	108.0E6	49.436	51.740
18)	B Endrin al...	6.846	6.129	44263535	92120537	29.860	48.741 #
19)	B Endosulfa...	7.082	6.355	94291764	116.3E6	49.099	48.037
20)	A Methoxychlor	7.435	6.647	47945651	60462523	52.858	50.169
21)	B Endrin ke...	7.567	6.861	106.3E6	139.0E6	49.628	49.434
22)	Mirex	8.041	7.047	90259327	116.0E6	48.359	48.200
23)	Chlordane-1	0.000	3.778	0	567758	N.D.	5.792 #
24)	Chlordane-2	5.130f	4.360	633699	342640	5.841	2.849 #
25)	Chlordane-3	5.861	4.988	117.1E6	146.4E6	306.427	446.955 #
26)	Chlordane-4	5.941	5.053	115.6E6	145.8E6	249.956	432.537 #
27)	Chlordane-5	0.000	5.948	0	122.0E6	N.D.	1097.532 #

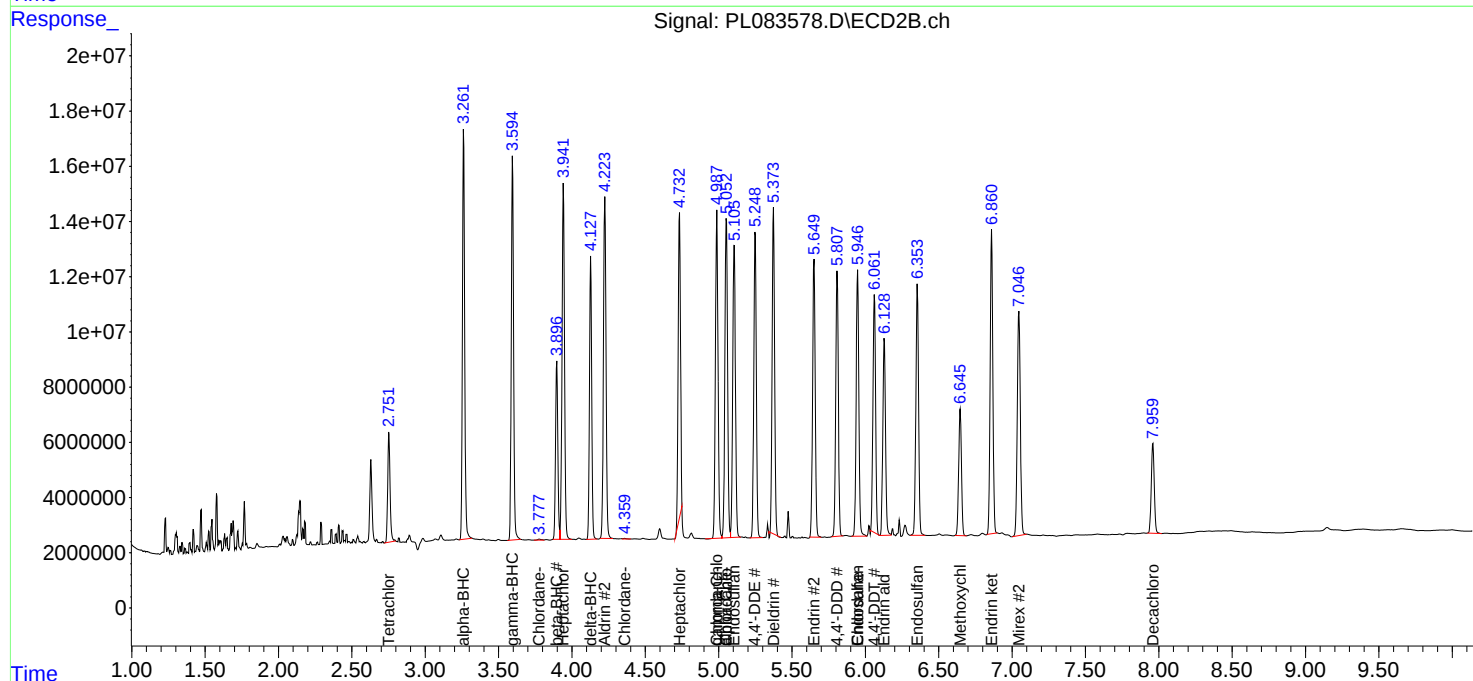
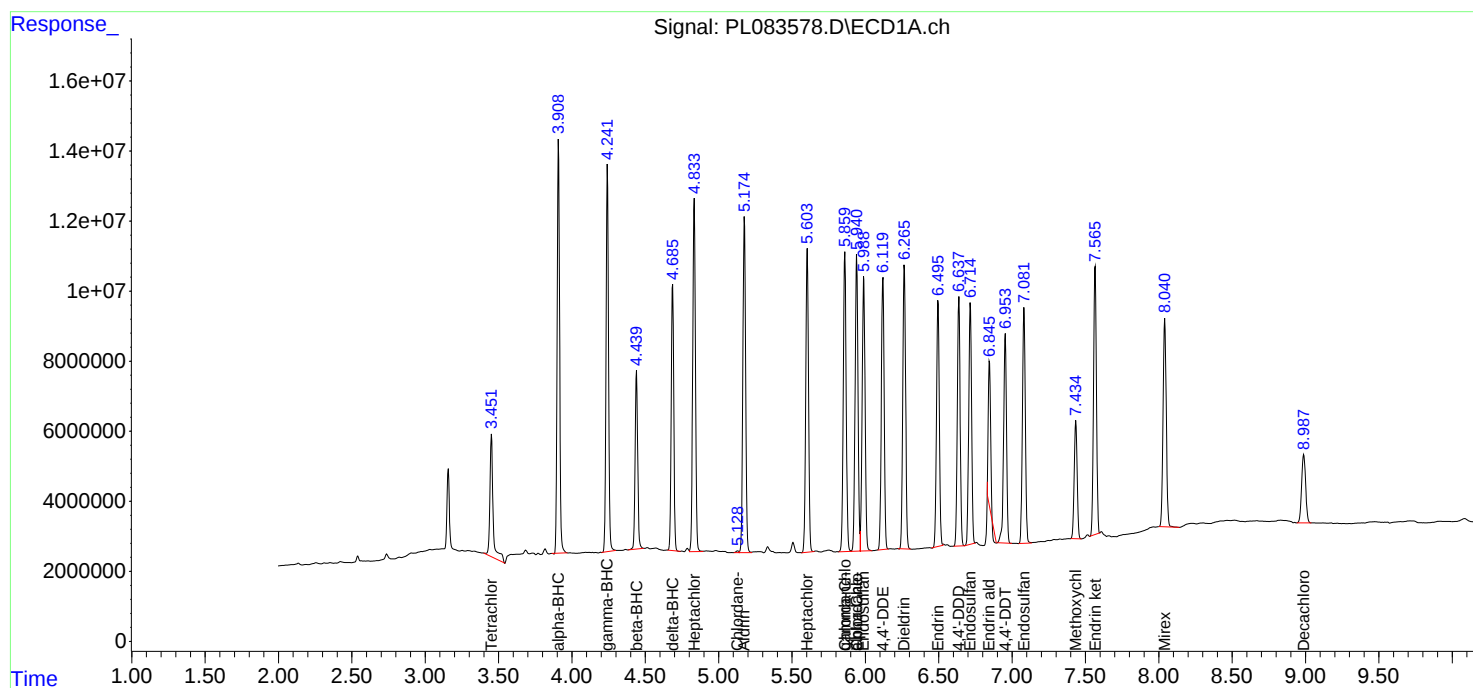
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

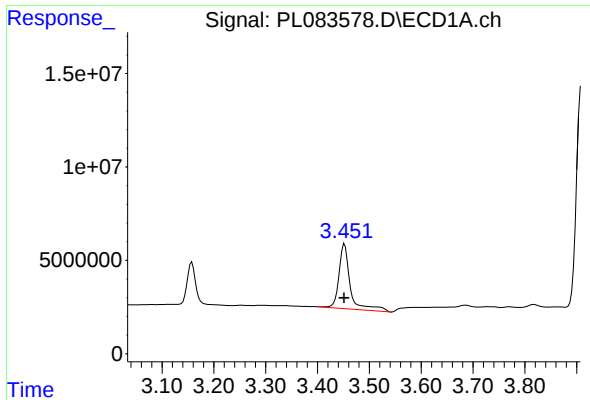
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

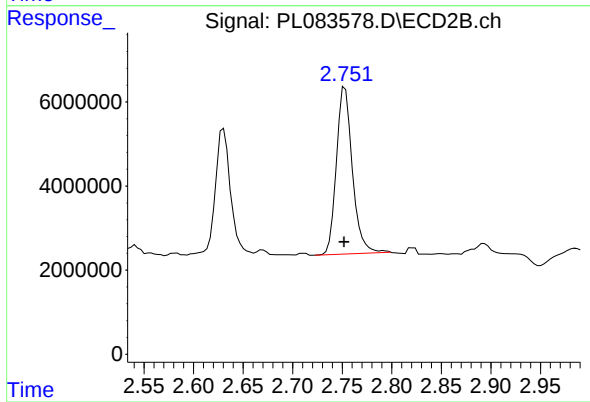




#1 Tetrachloro-m-xylene

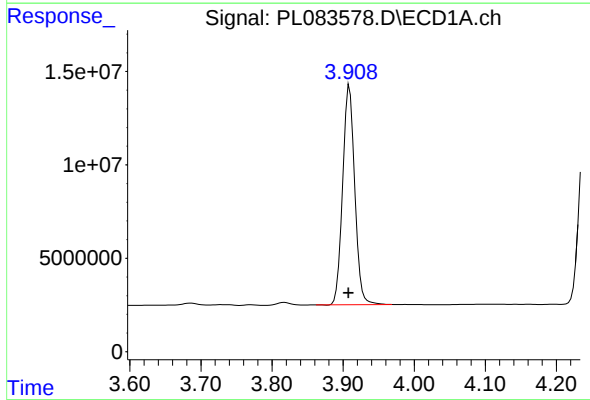
R.T.: 3.452 min
Delta R.T.: 0.001 min
Response: 52844038
Conc: 23.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



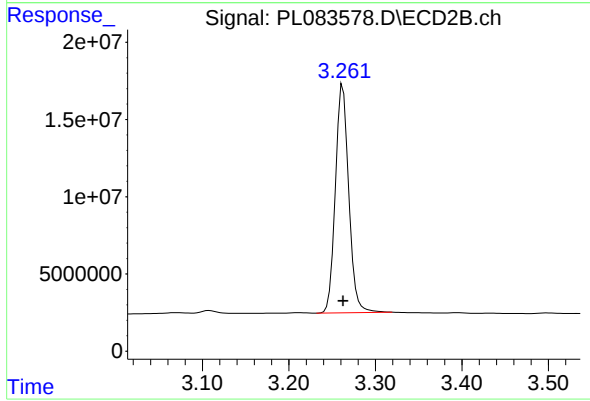
#1 Tetrachloro-m-xylene

R.T.: 2.753 min
Delta R.T.: 0.001 min
Response: 44658699
Conc: 19.17 ng/ml



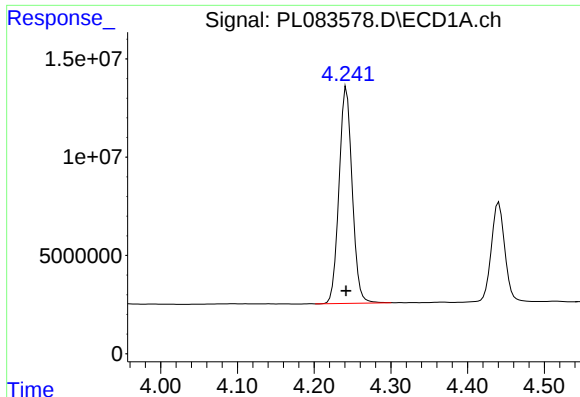
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 138686622
Conc: 44.54 ng/ml



#2 alpha-BHC

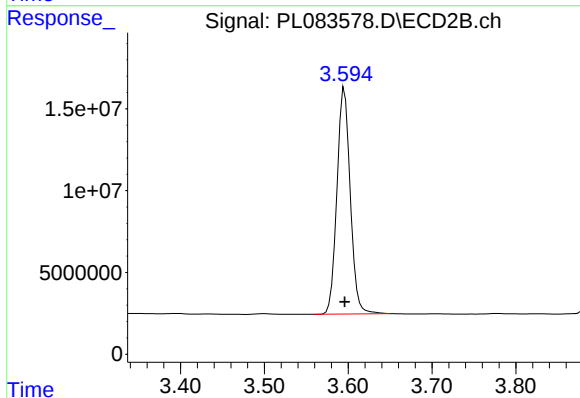
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 158317813
Conc: 46.90 ng/ml



#3 gamma-BHC (Lindane)

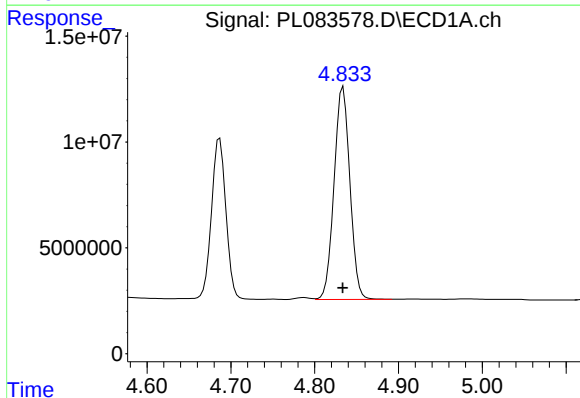
R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 130979737
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



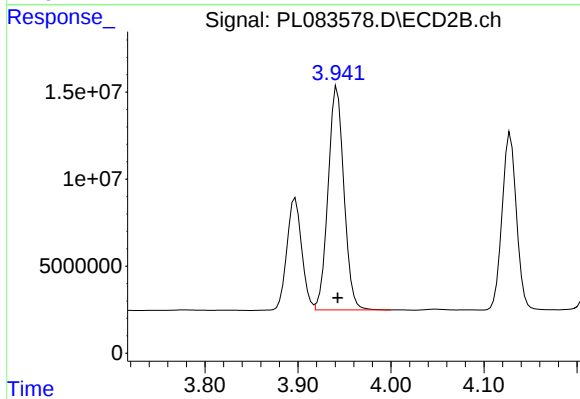
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 152337272
Conc: 47.45 ng/ml



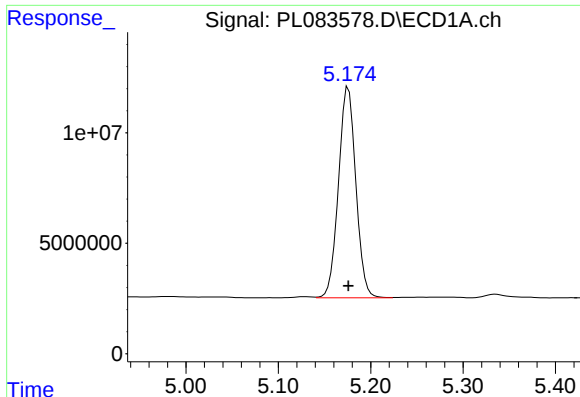
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 131655963
Conc: 47.62 ng/ml



#4 Heptachlor

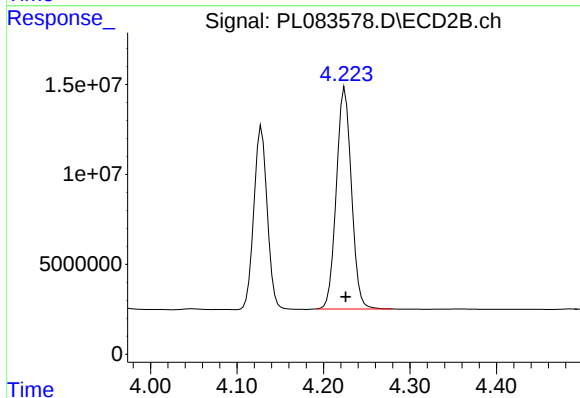
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 152138444
Conc: 49.15 ng/ml



#5 Aldrin

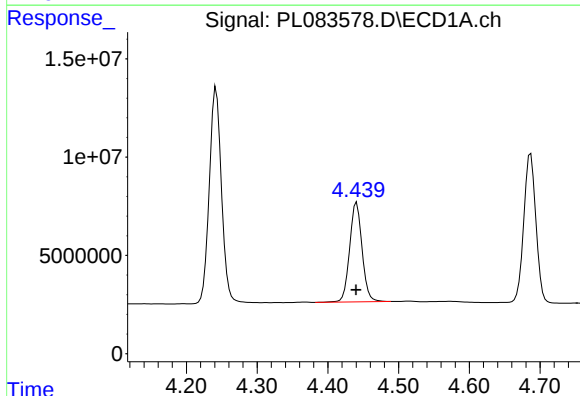
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 124818033
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



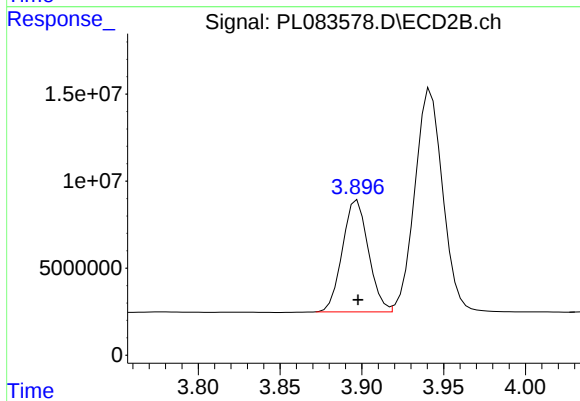
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 148349501
Conc: 49.28 ng/ml



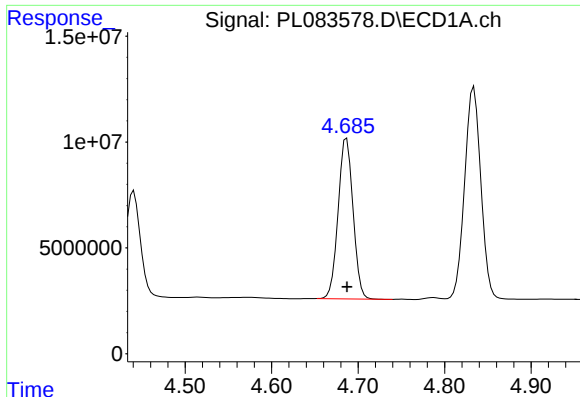
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 61904458
Conc: 47.85 ng/ml



#6 beta-BHC

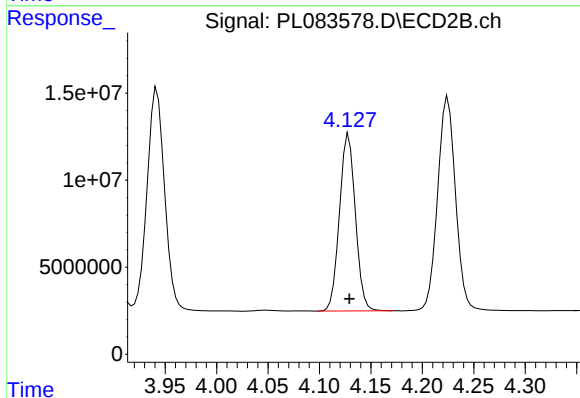
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 70971095
Conc: 47.56 ng/ml



#7 delta-BHC

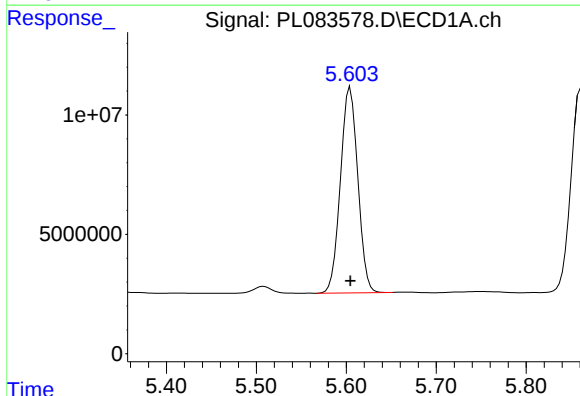
R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 90000052
Conc: 32.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



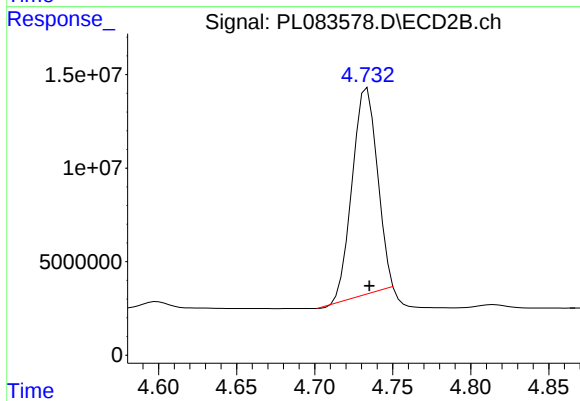
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 109446071
Conc: 33.96 ng/ml



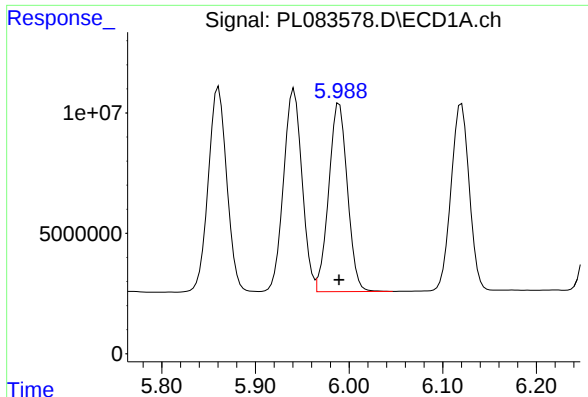
#8 Heptachlor epoxide

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 115680498
Conc: 45.57 ng/ml



#8 Heptachlor epoxide

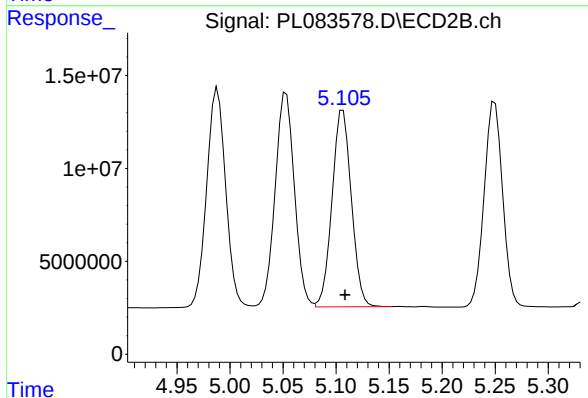
R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 124201280
Conc: 43.27 ng/ml



#9 Endosulfan I

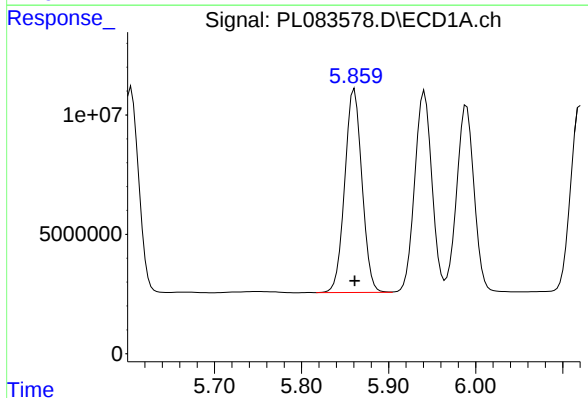
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 108544864
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



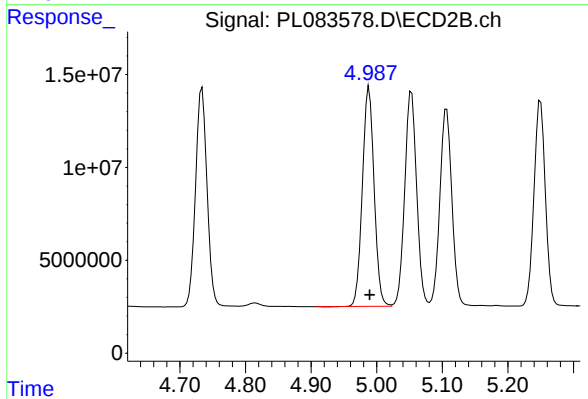
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 134221170
Conc: 49.80 ng/ml



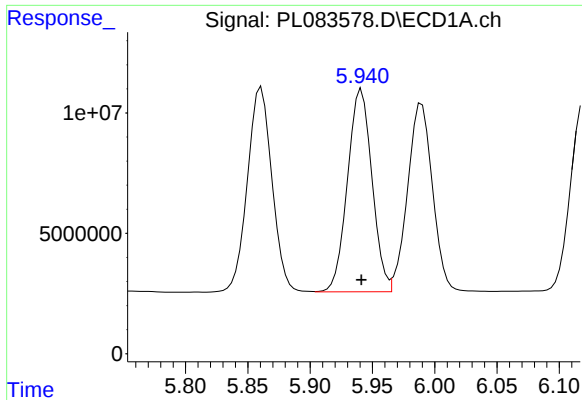
#10 gamma-Chlordane

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 117086882
Conc: 48.67 ng/ml



#10 gamma-Chlordane

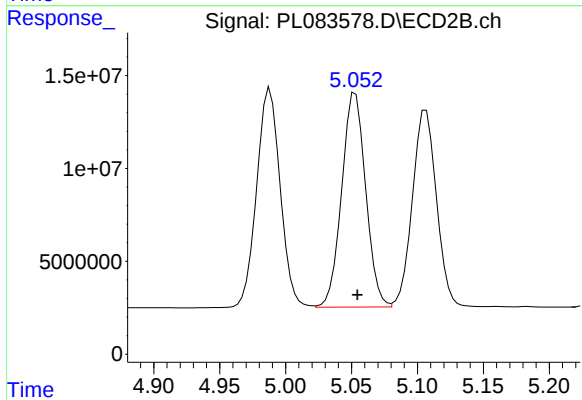
R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 146446823
Conc: 49.50 ng/ml



#11 alpha-Chlordane

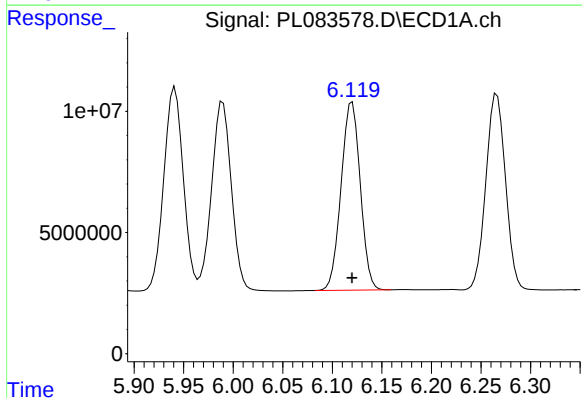
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 115585848
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



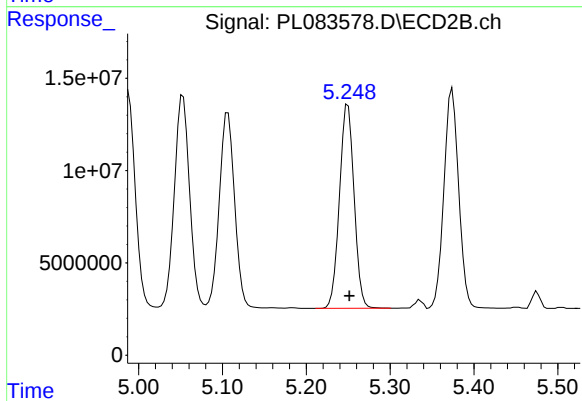
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 145799415
Conc: 49.29 ng/ml



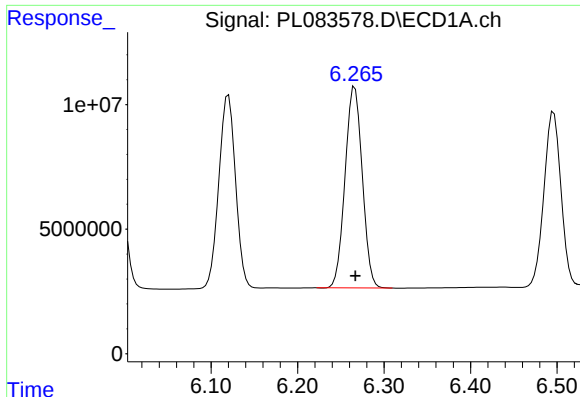
#12 4,4'-DDE

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 104536350
Conc: 51.78 ng/ml



#12 4,4'-DDE

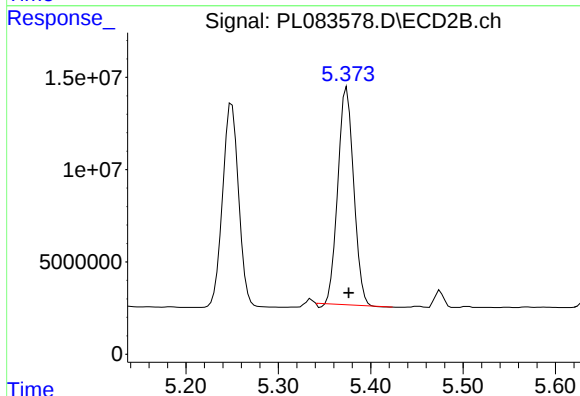
R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 133685749
Conc: 52.33 ng/ml



#13 Dieldrin

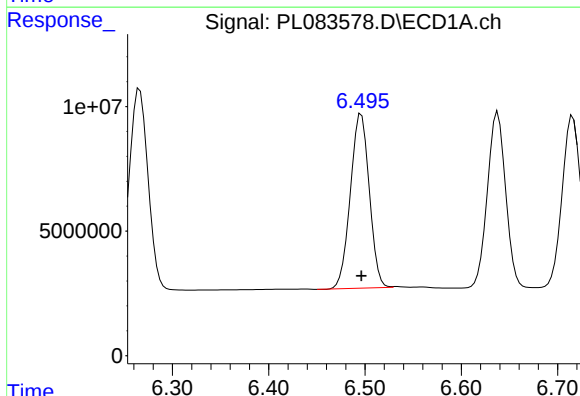
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 111102338
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



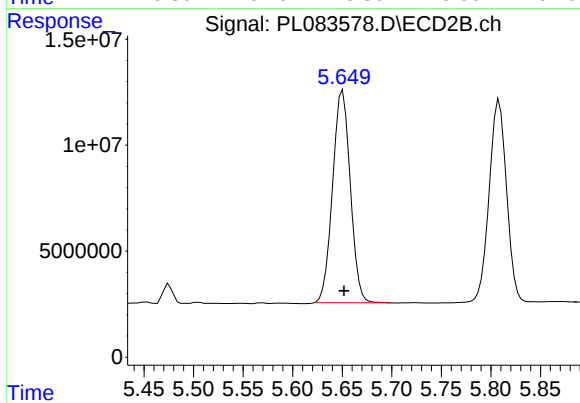
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 139272319
Conc: 49.67 ng/ml



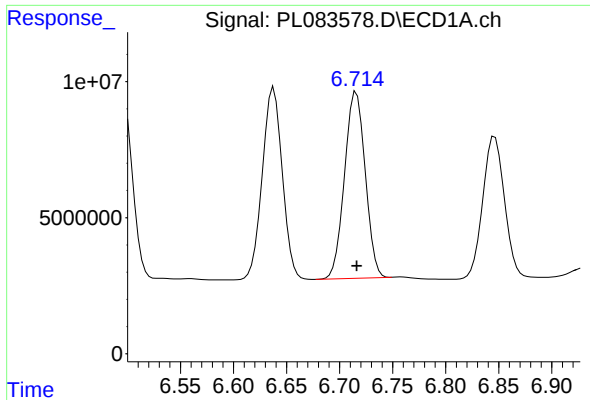
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 95254513
Conc: 53.97 ng/ml



#14 Endrin

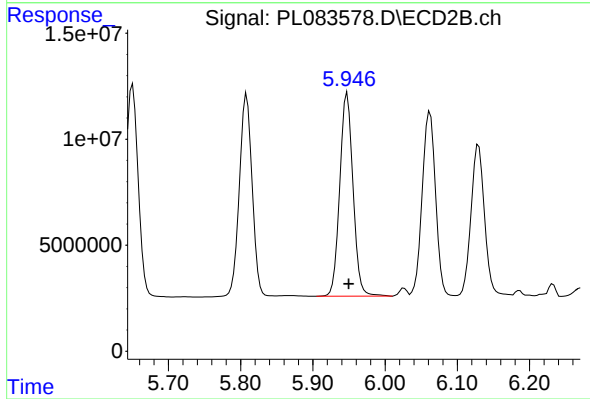
R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 124442201
Conc: 53.92 ng/ml



#15 Endosulfan II

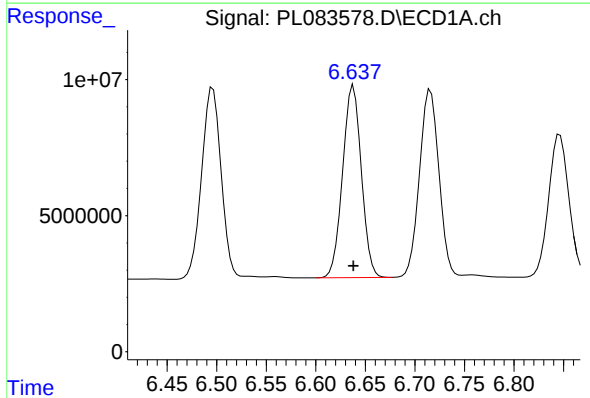
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 93097535
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



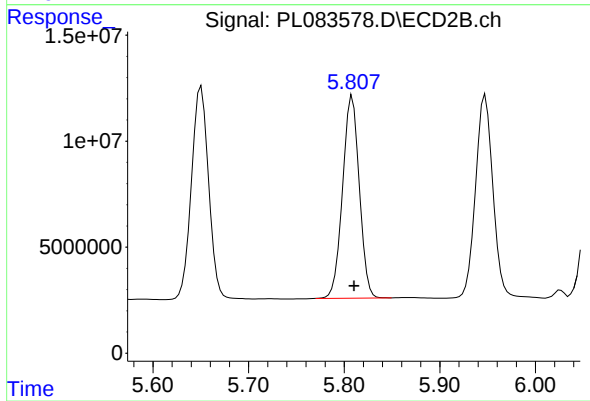
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 122020898
Conc: 51.41 ng/ml



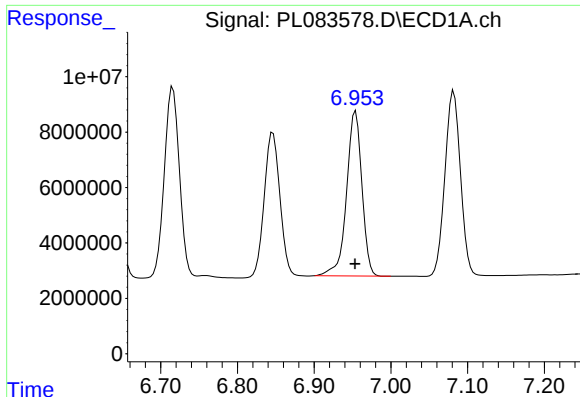
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 92828458
Conc: 54.37 ng/ml



#16 4,4'-DDD

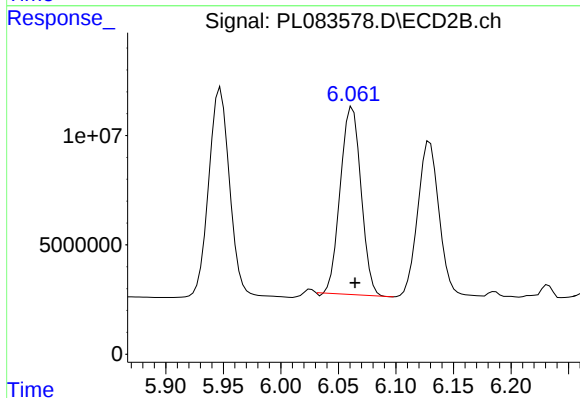
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 116353669
Conc: 52.76 ng/ml



#17 4,4'-DDT

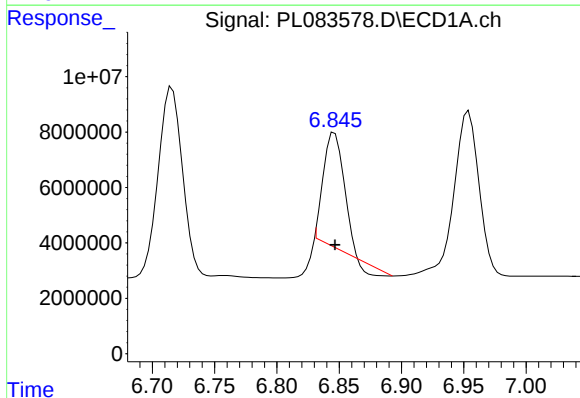
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 83233876
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



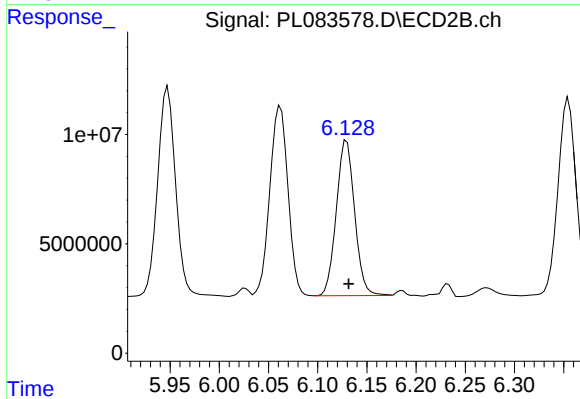
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 108025688
Conc: 51.74 ng/ml



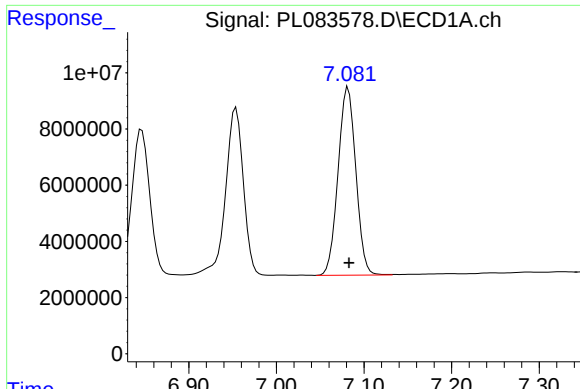
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 44263535
Conc: 29.86 ng/ml



#18 Endrin aldehyde

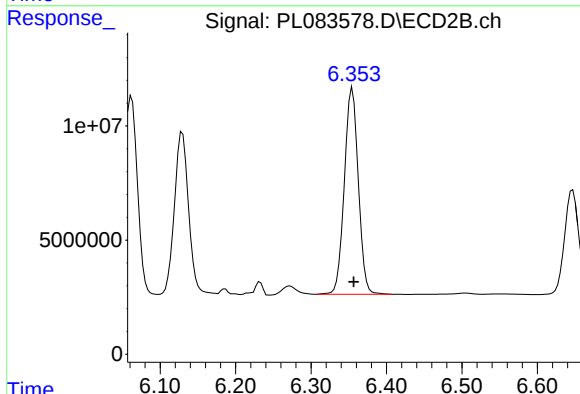
R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 92120537
Conc: 48.74 ng/ml



#19 Endosulfan Sulfate

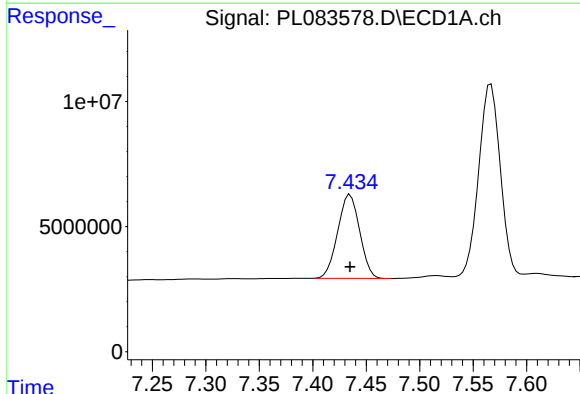
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 94291764
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



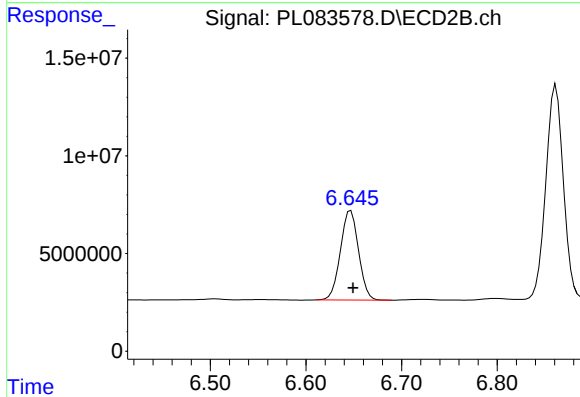
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 116330203
Conc: 48.04 ng/ml



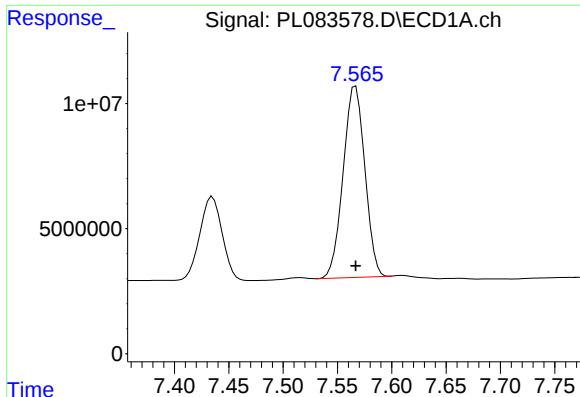
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 47945651
Conc: 52.86 ng/ml



#20 Methoxychlor

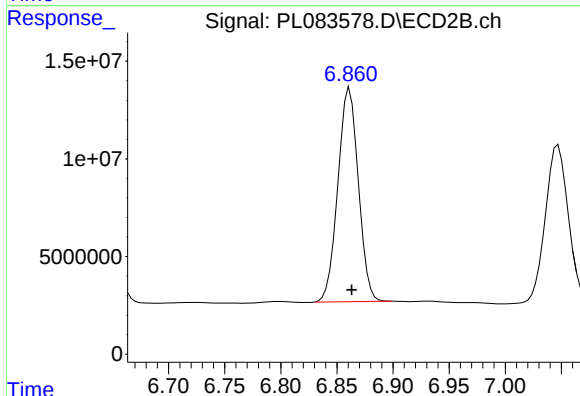
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 60462523
Conc: 50.17 ng/ml



#21 Endrin ketone

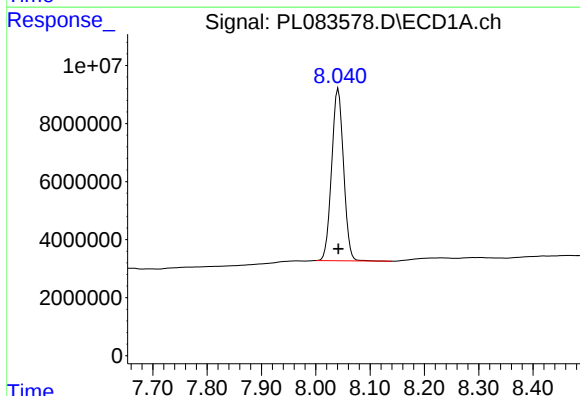
R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 106331877
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



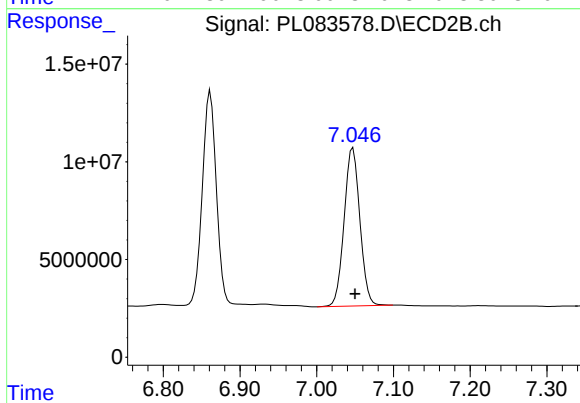
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.002 min
Response: 138978956
Conc: 49.43 ng/ml



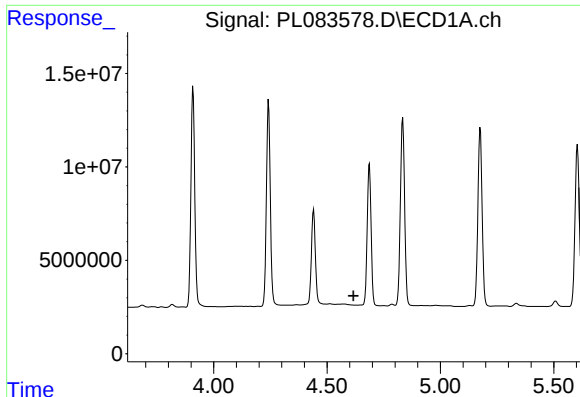
#22 Mirex

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 90259327
Conc: 48.36 ng/ml



#22 Mirex

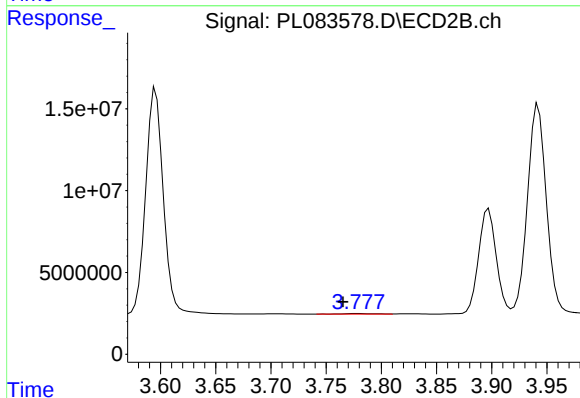
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 115996160
Conc: 48.20 ng/ml



#23 Chlordane-1

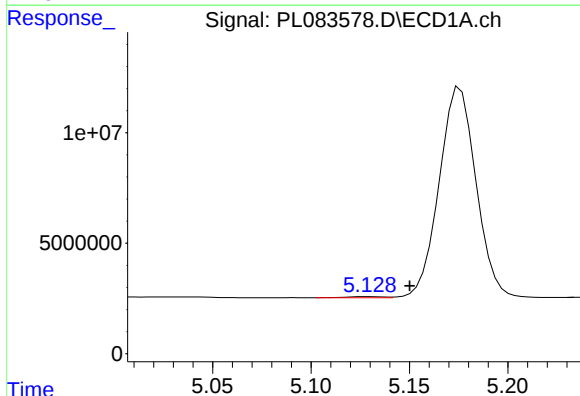
R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



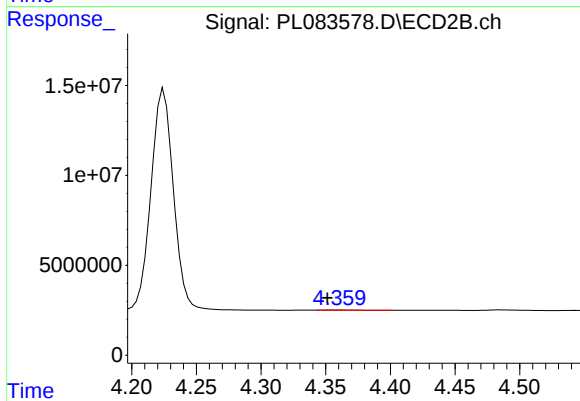
#23 Chlordane-1

R.T.: 3.778 min
Delta R.T.: 0.013 min
Response: 567758
Conc: 5.79 ng/ml



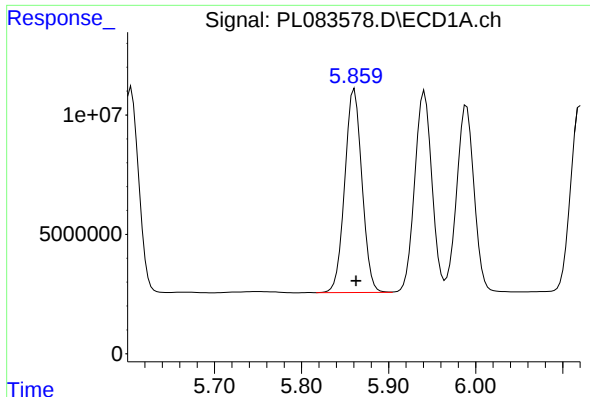
#24 Chlordane-2

R.T.: 5.130 min
Delta R.T.: -0.021 min
Response: 633699
Conc: 5.84 ng/ml



#24 Chlordane-2

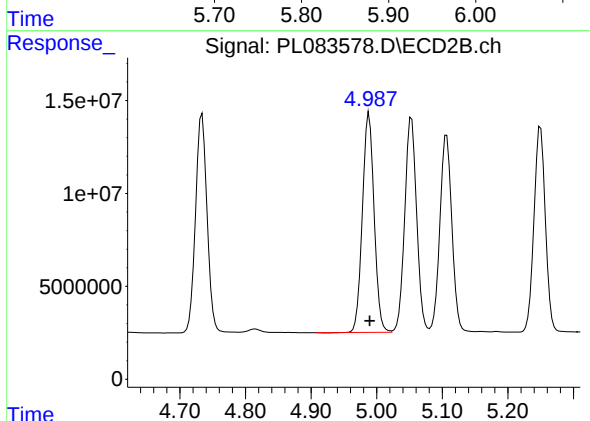
R.T.: 4.360 min
Delta R.T.: 0.009 min
Response: 342640
Conc: 2.85 ng/ml



#25 Chlordane-3

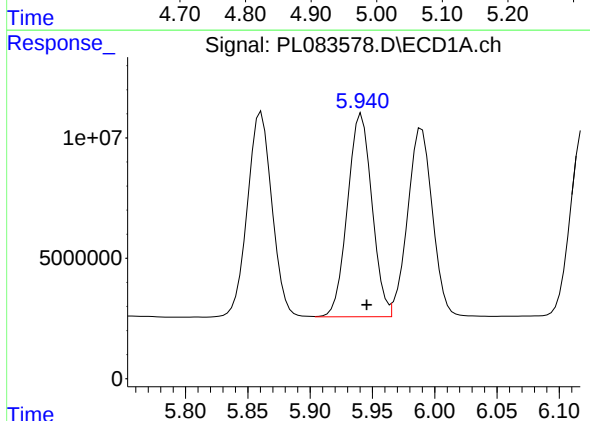
R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 117086882
Conc: 306.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



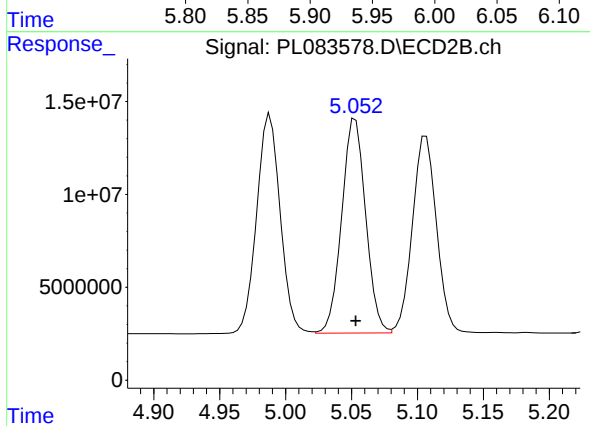
#25 Chlordane-3

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 146446823
Conc: 446.95 ng/ml



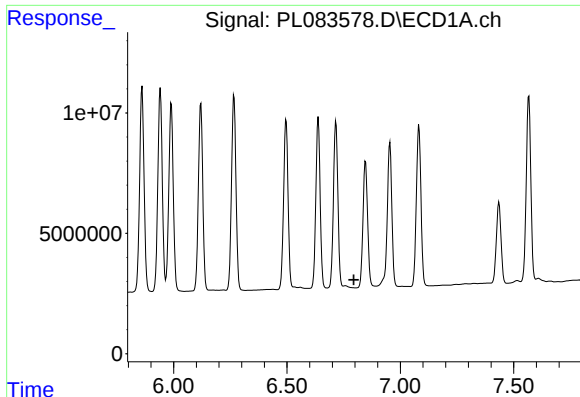
#26 Chlordane-4

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 115585848
Conc: 249.96 ng/ml



#26 Chlordane-4

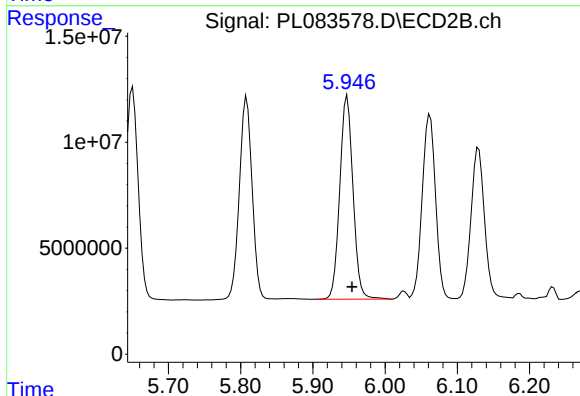
R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 145799415
Conc: 432.54 ng/ml



#27 Chlordane-5

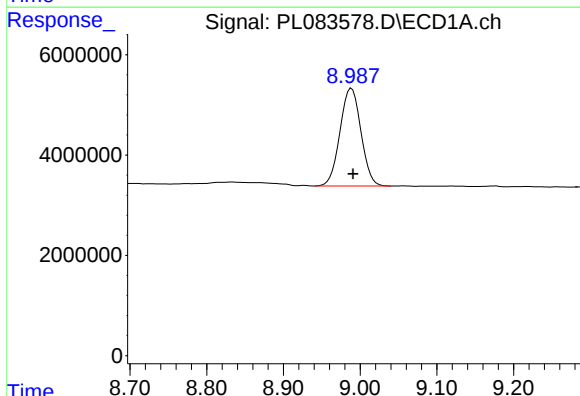
R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



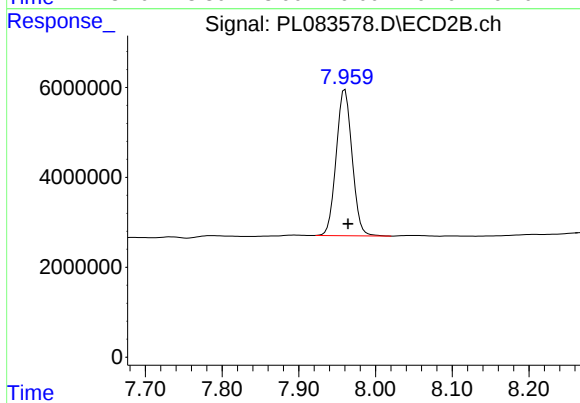
#27 Chlordane-5

R.T.: 5.948 min
Delta R.T.: -0.007 min
Response: 122020898
Conc: 1097.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 37116981
Conc: 19.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 46729397
Conc: 19.03 ng/ml