

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
 Data File : PL080523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2023 11:31
 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: Jan 25 20:56:51 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...	3.351	2.689	113.6E6	114.8E6	52.969	52.262
28)	SA Decachlor...	8.786	7.836	90670305	114.5E6	51.789	48.047
Target Compounds							
2)	A alpha-BHC	3.799	3.190	173.4E6	167.3E6	54.741	52.593
3)	MA gamma-BHC...	4.127	3.518	161.0E6	155.8E6	54.755	52.138
4)	MA Heptachlor	4.711	3.859	154.7E6	156.5E6	52.361	49.174
5)	MB Aldrin	5.049	4.138	142.7E6	148.7E6	52.156	50.415
6)	B beta-BHC	4.323	3.814	70108398	68313169	51.361	51.185
7)	B delta-BHC	4.566	4.043	158.4E6	150.8E6	54.704	52.290
8)	B Heptachlo...	5.473	4.640	134.7E6	137.2E6	52.067	49.314
9)	A Endosulfan I	5.854	5.010	121.4E6	124.5E6	51.407	47.847
10)	B gamma-Chl...	5.728	4.891	132.0E6	132.4E6	52.256	46.713
11)	B alpha-Chl...	5.807	4.955	130.2E6	136.1E6	51.597	47.493
12)	B 4,4'-DDE	5.985	5.148	115.7E6	117.7E6	51.953	49.919
13)	MA Dieldrin	6.129	5.275	123.9E6	131.9E6	51.760	48.772
14)	MA Endrin	6.356	5.549	111.7E6	111.1E6	51.648	47.845
15)	B Endosulfa...	6.575	5.843	102.4E6	109.1E6	44.663	52.351
16)	A 4,4'-DDD	6.499	5.702	97680240	99918997	53.319	53.171
17)	MA 4,4'-DDT	6.811	5.953	97947072	99329218	47.143	47.266
18)	B Endrin al...	6.704	6.023	83973345	88036242	50.483	48.210
19)	B Endosulfa...	6.938	6.246	106.3E6	113.5E6	51.335	48.796
20)	A Methoxychlor	7.290	6.531	52571173	55890374	47.650	46.058
21)	B Endrin ke...	7.418	6.751	115.7E6	129.4E6	52.419	50.696
22)	Mirex	7.890	6.934	87193492	107.9E6	50.700	47.371
23)	Chlordane-1	0.000	3.665f	0	9067	N.D.	0.111 #
24)	Chlordane-2	5.049f	4.265	142.7E6	2177948	1479.415	24.157 #
25)	Chlordane-3	5.728	4.891	132.0E6	132.4E6	390.586	501.981 #
26)	Chlordane-4	5.807	4.955	130.2E6	136.1E6	301.898	505.209 #
27)	Chlordane-5	0.000	5.627	0	54708	N.D.	0.769 #

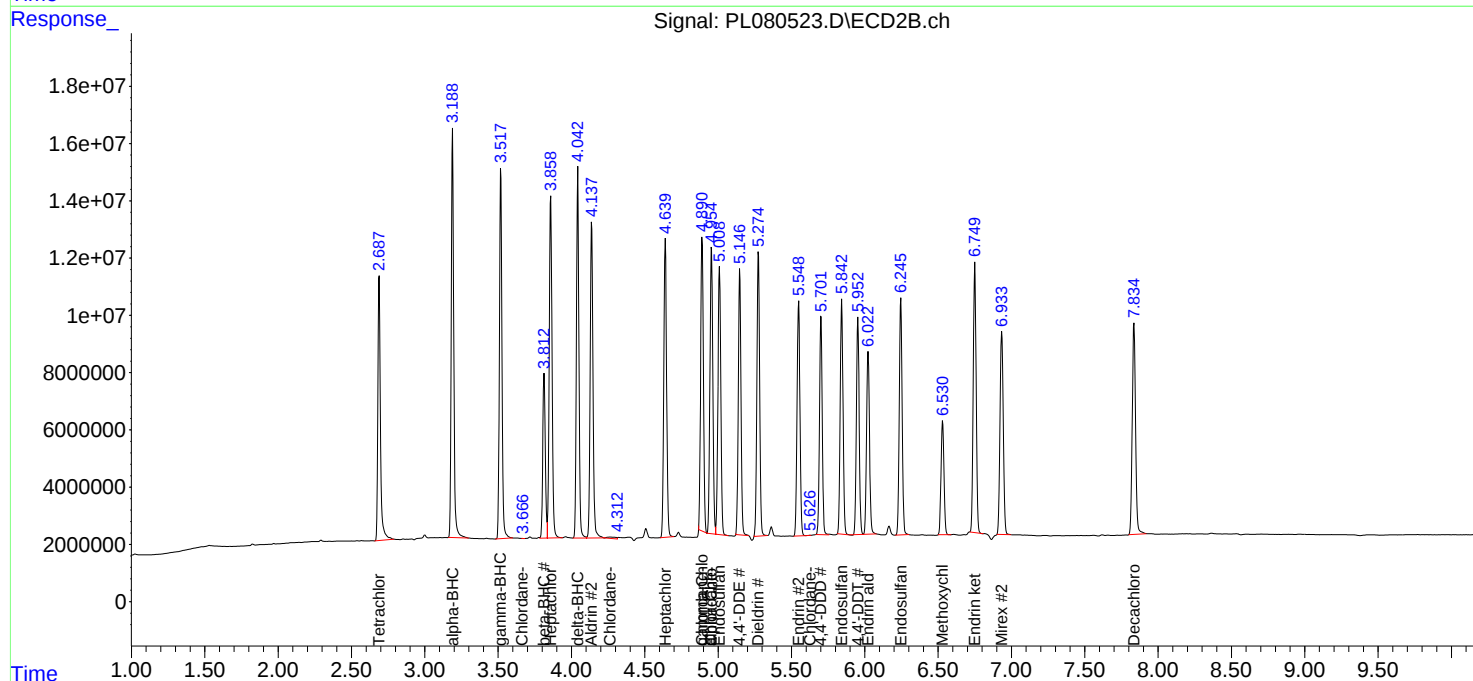
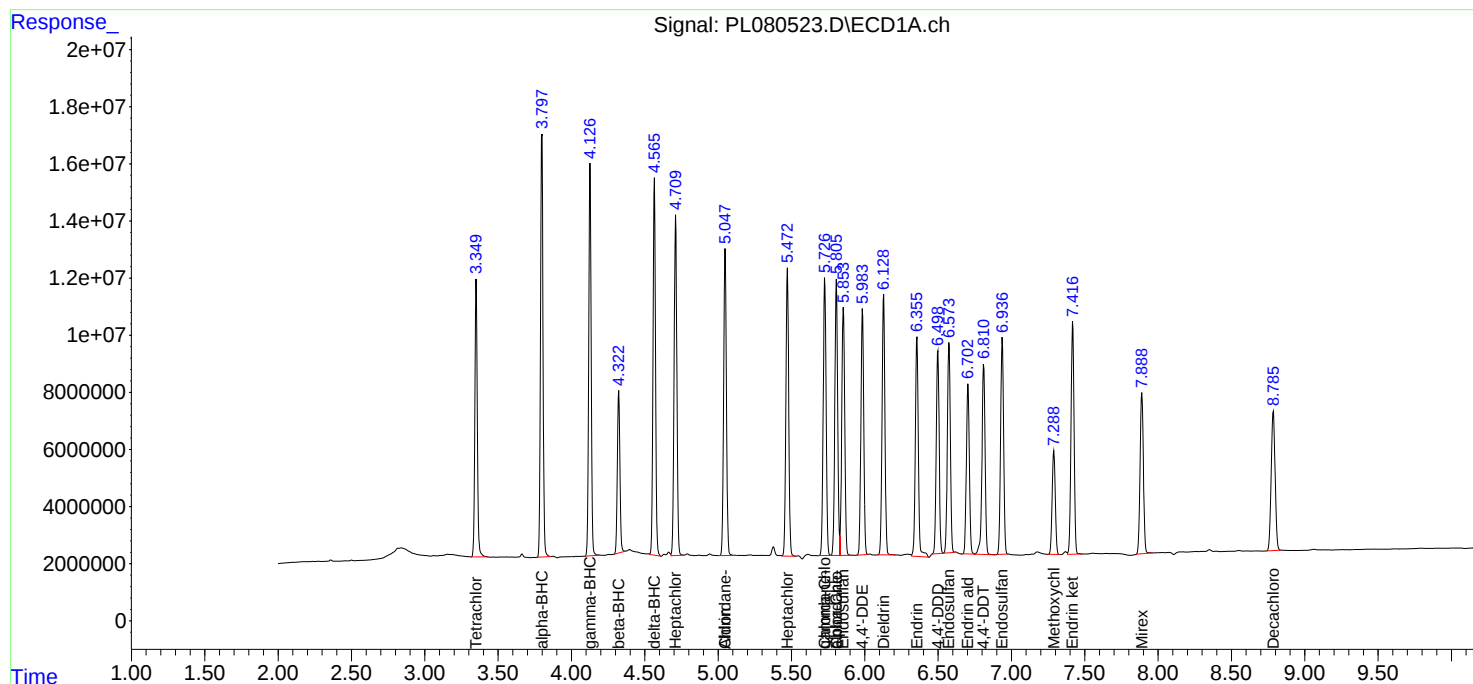
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

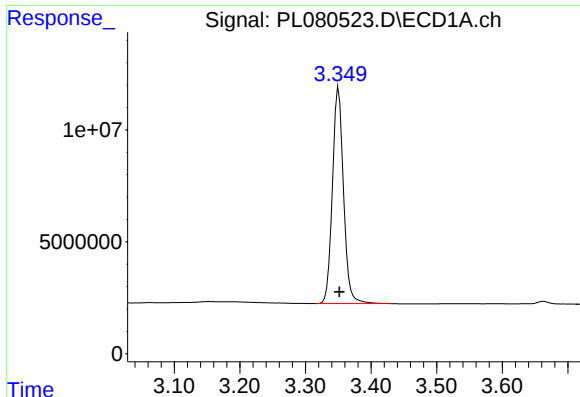
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
Data File : PL080523.D
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

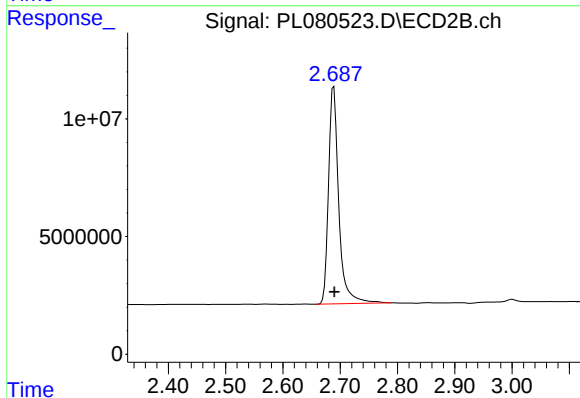




#1 Tetrachloro-m-xylene

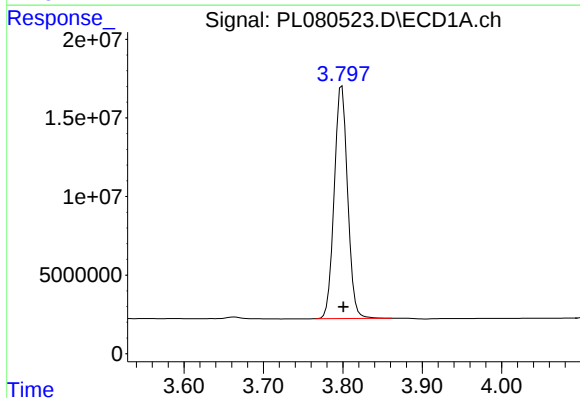
R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 113610311
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



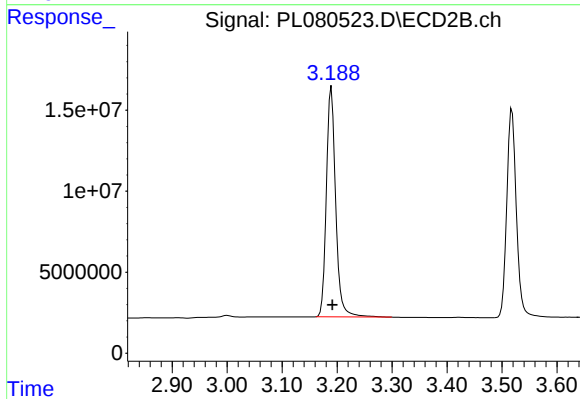
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 114791476
Conc: 52.26 ng/ml



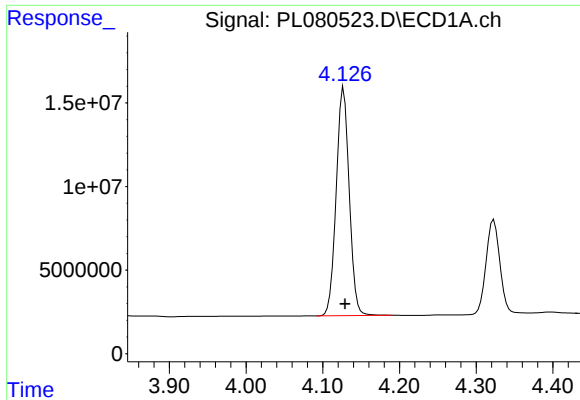
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 173419719
Conc: 54.74 ng/ml



#2 alpha-BHC

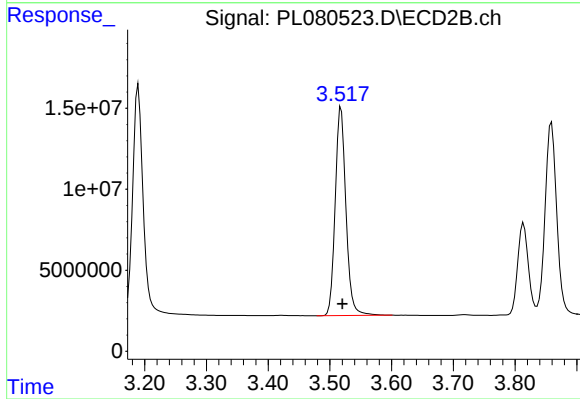
R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 167268993
Conc: 52.59 ng/ml



#3 gamma-BHC (Lindane)

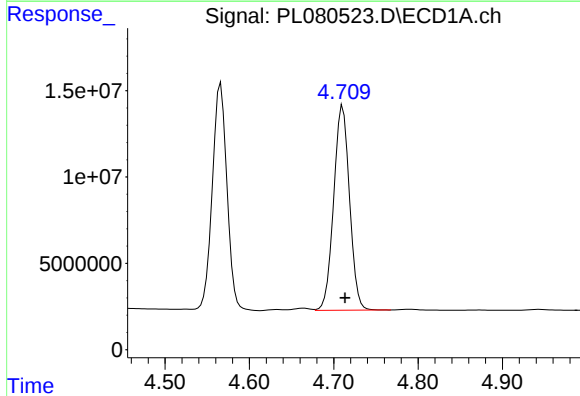
R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 160966709
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



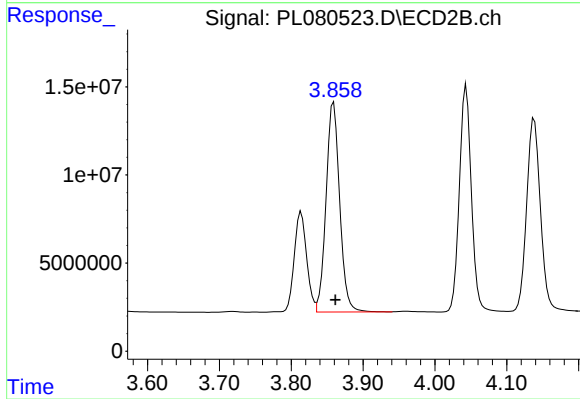
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 155751724
Conc: 52.14 ng/ml



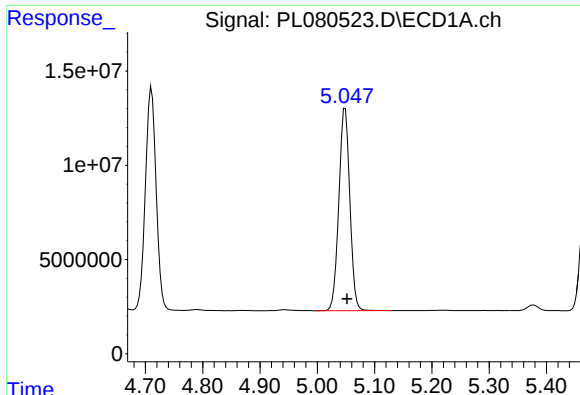
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 154737809
Conc: 52.36 ng/ml



#4 Heptachlor

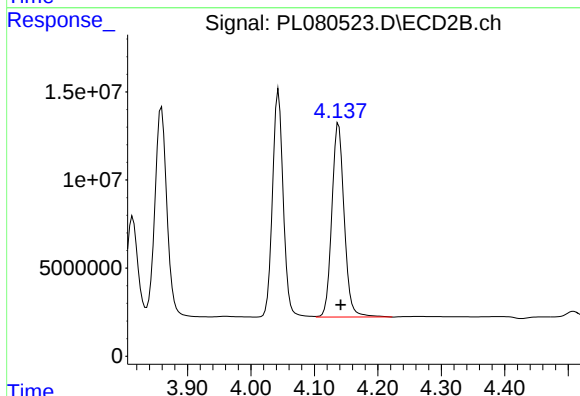
R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 156488429
Conc: 49.17 ng/ml



#5 Aldrin

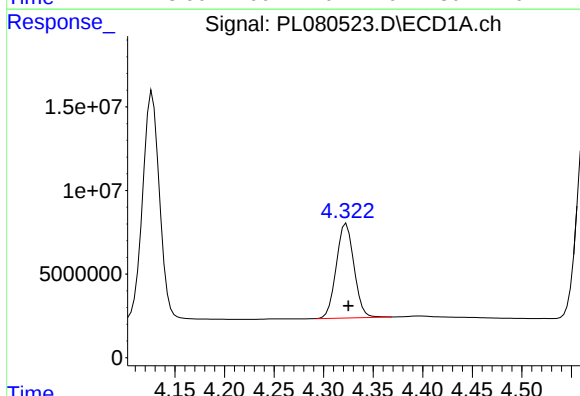
R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 142688798
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



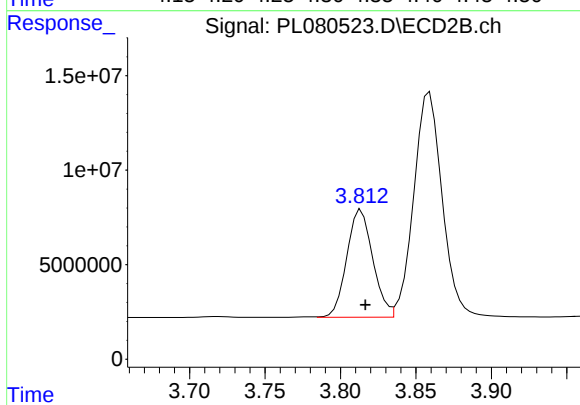
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 148703034
Conc: 50.42 ng/ml



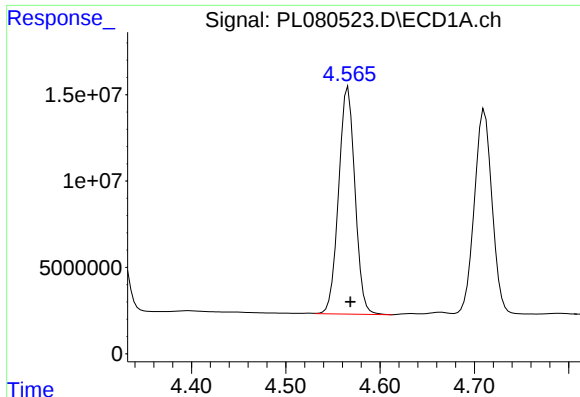
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 70108398
Conc: 51.36 ng/ml



#6 beta-BHC

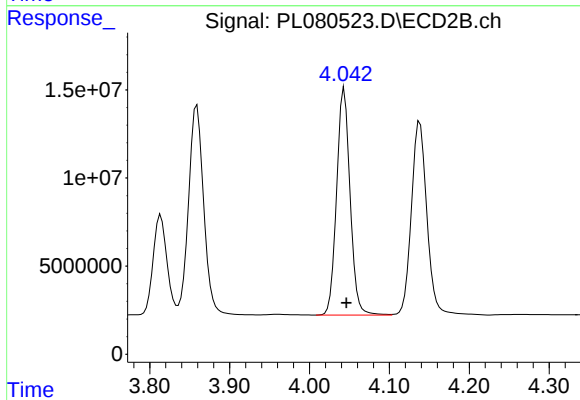
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 68313169
Conc: 51.19 ng/ml



#7 delta-BHC

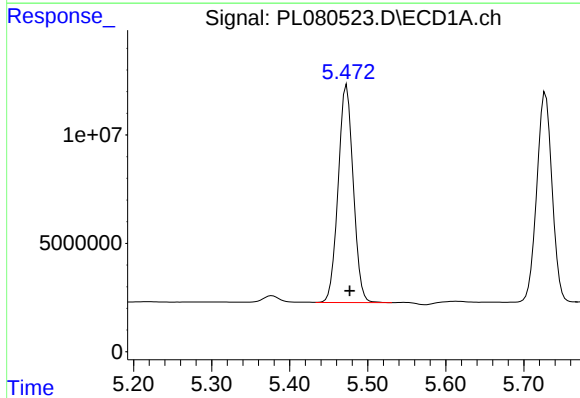
R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 158368565
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



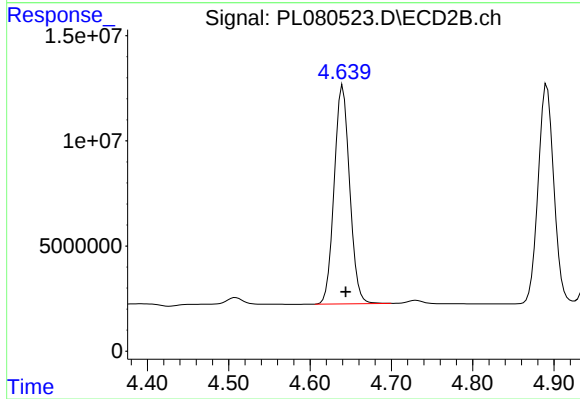
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 150828398
Conc: 52.29 ng/ml



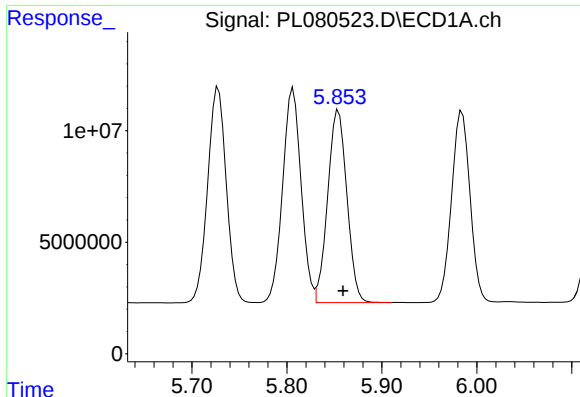
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 134699463
Conc: 52.07 ng/ml



#8 Heptachlor epoxide

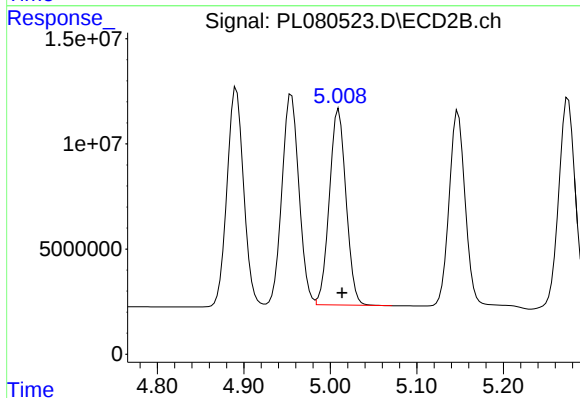
R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 137208299
Conc: 49.31 ng/ml



#9 Endosulfan I

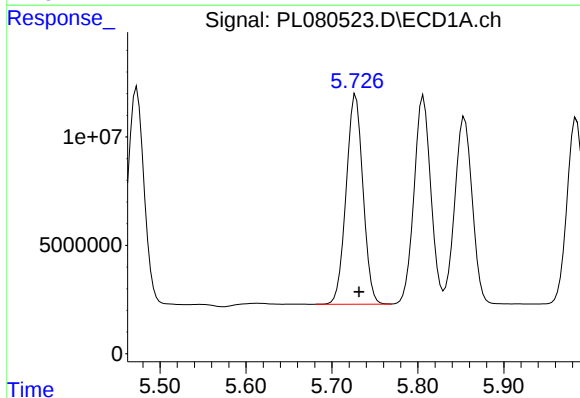
R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 121396364
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



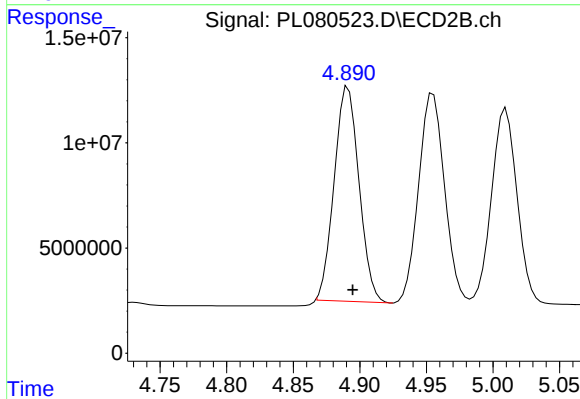
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 124465778
Conc: 47.85 ng/ml



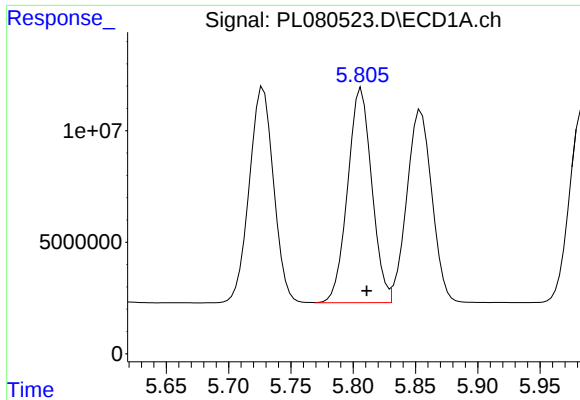
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 131983505
Conc: 52.26 ng/ml



#10 gamma-Chlordane

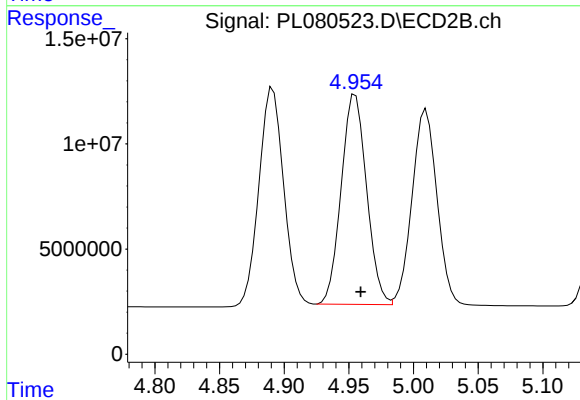
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 132394879
Conc: 46.71 ng/ml



#11 alpha-Chlordane

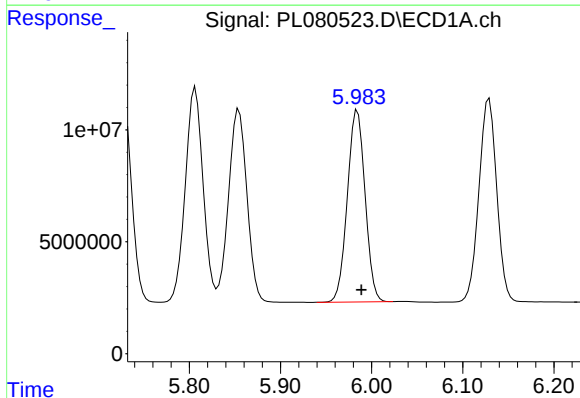
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 130243564
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



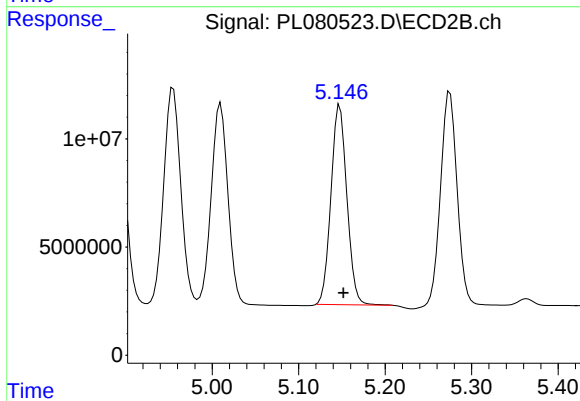
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 136051724
Conc: 47.49 ng/ml



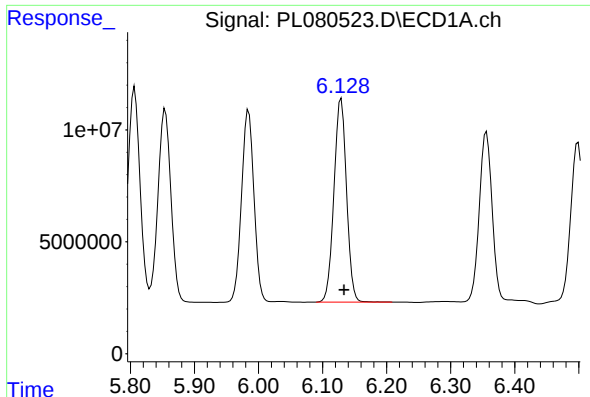
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 115717921
Conc: 51.95 ng/ml



#12 4,4'-DDE

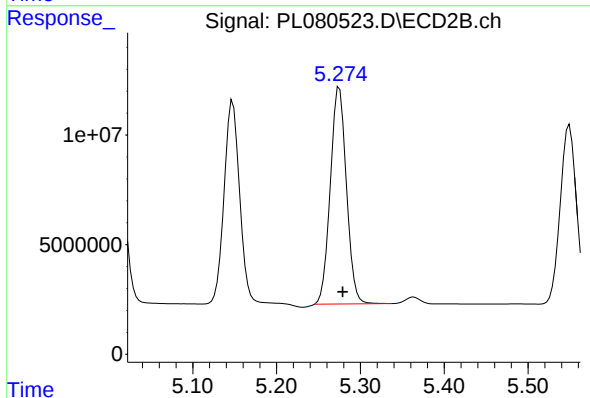
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 117749752
Conc: 49.92 ng/ml



#13 Dieldrin

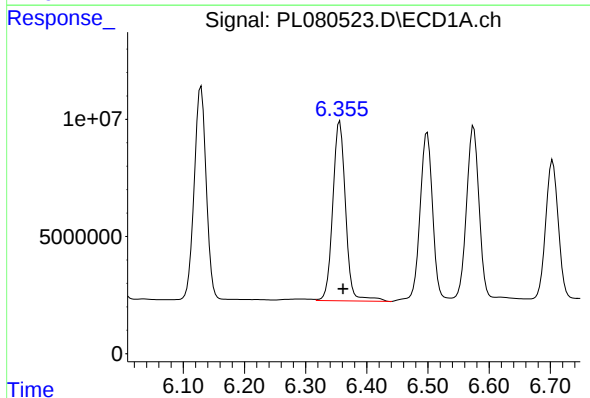
R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 123879710
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



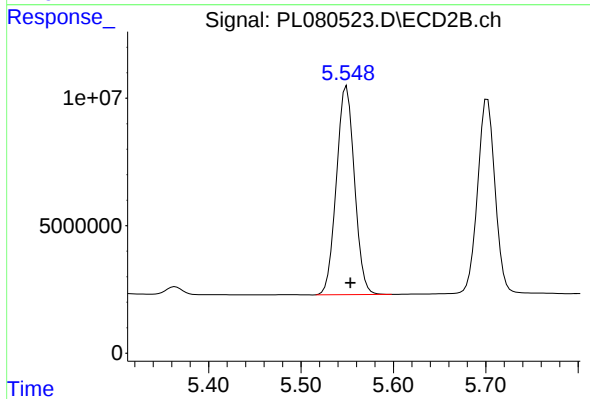
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 131926420
Conc: 48.77 ng/ml



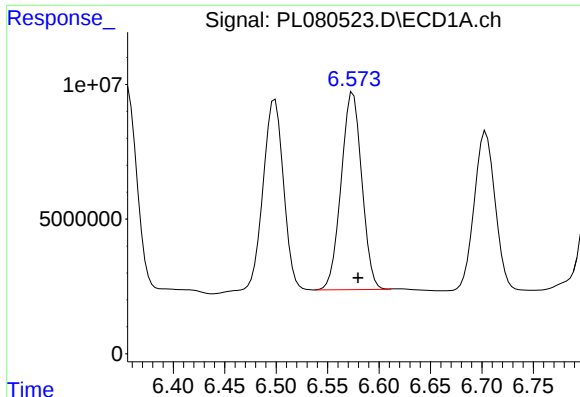
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 111699910
Conc: 51.65 ng/ml



#14 Endrin

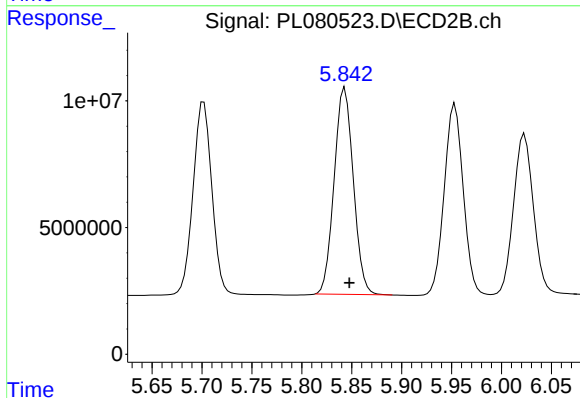
R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 111056533
Conc: 47.85 ng/ml



#15 Endosulfan II

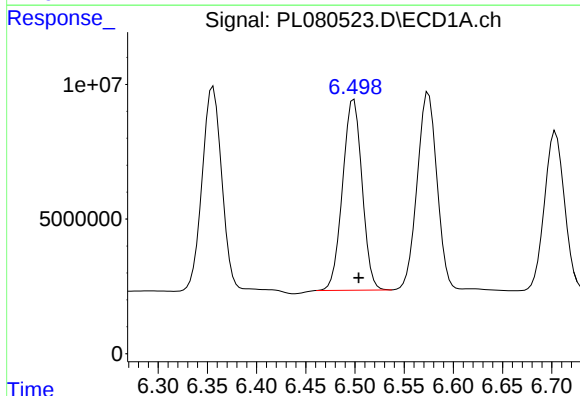
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 102381595
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



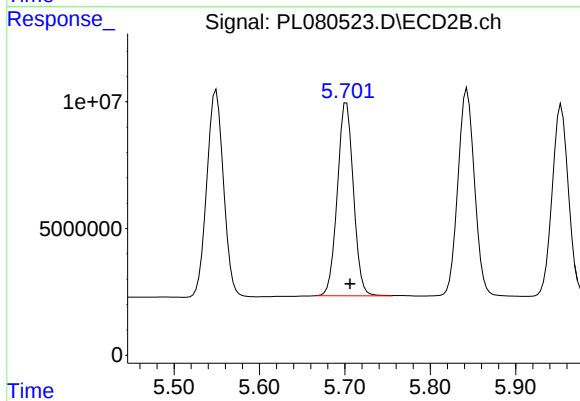
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 109085300
Conc: 52.35 ng/ml



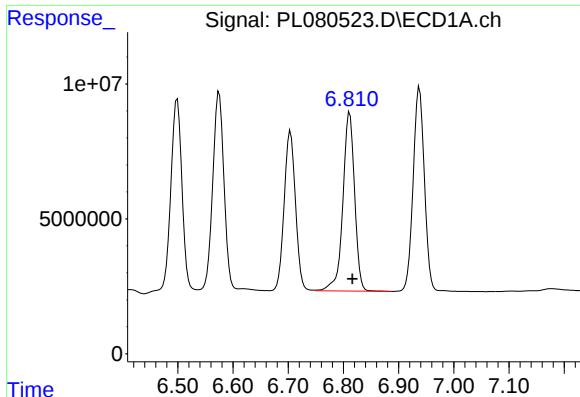
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 97680240
Conc: 53.32 ng/ml



#16 4,4'-DDD

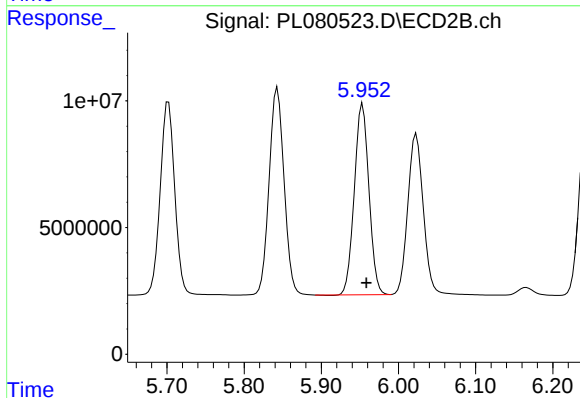
R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 99918997
Conc: 53.17 ng/ml



#17 4,4'-DDT

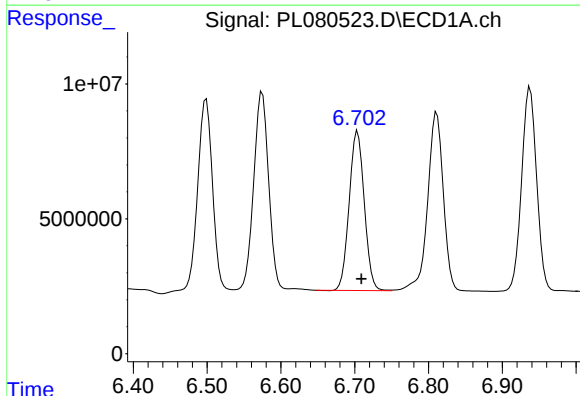
R.T.: 6.811 min
Delta R.T.: -0.005 min
Response: 97947072
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



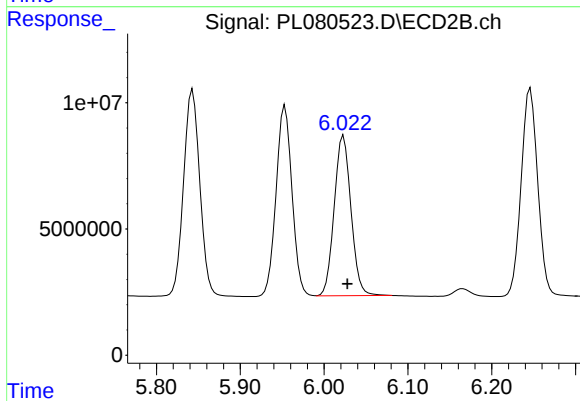
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 99329218
Conc: 47.27 ng/ml



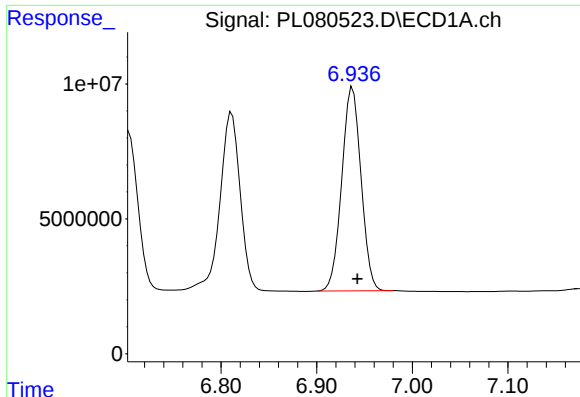
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 83973345
Conc: 50.48 ng/ml



#18 Endrin aldehyde

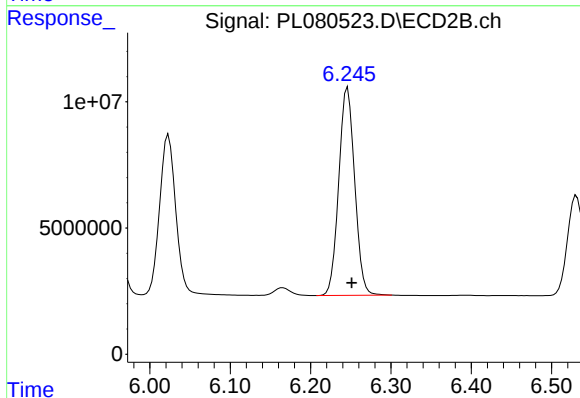
R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 88036242
Conc: 48.21 ng/ml



#19 Endosulfan Sulfate

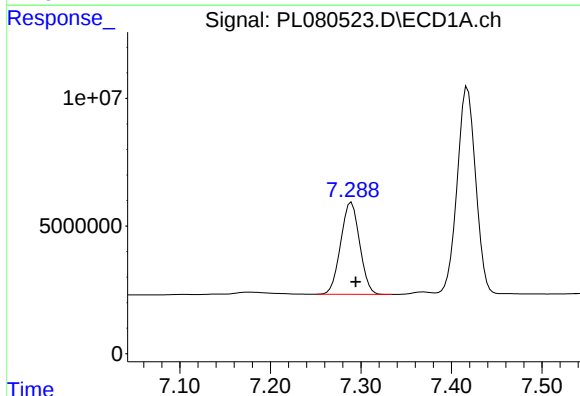
R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 106259568
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



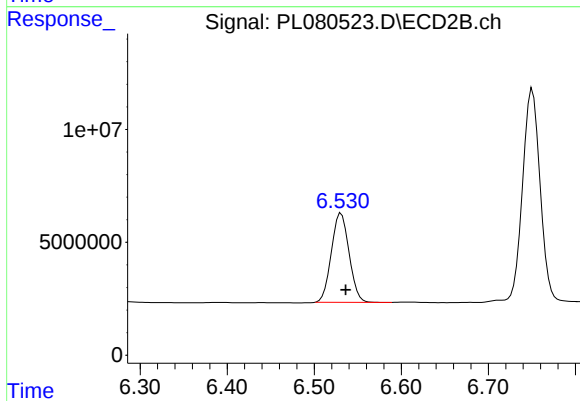
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 113482970
Conc: 48.80 ng/ml



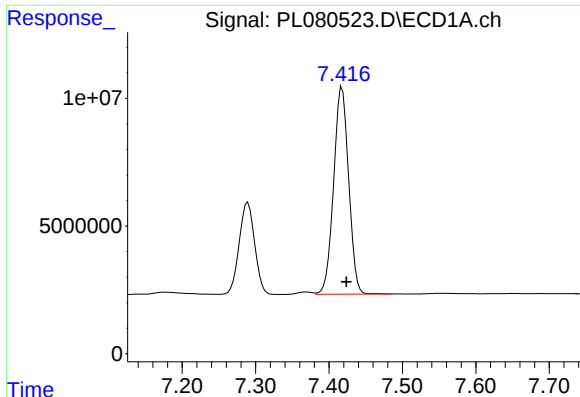
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 52571173
Conc: 47.65 ng/ml



#20 Methoxychlor

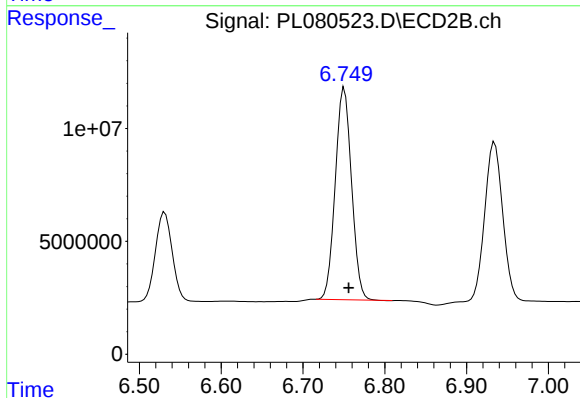
R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 55890374
Conc: 46.06 ng/ml



#21 Endrin ketone

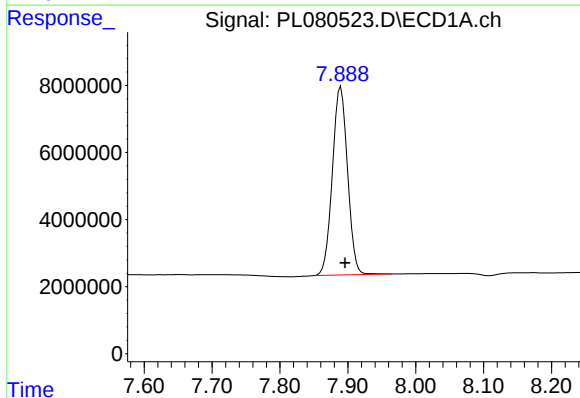
R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 115653456
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



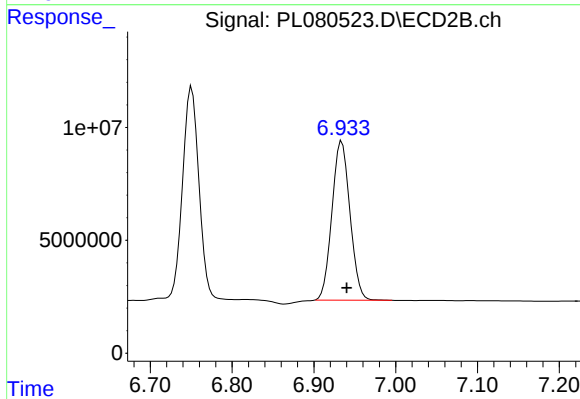
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 129437533
Conc: 50.70 ng/ml



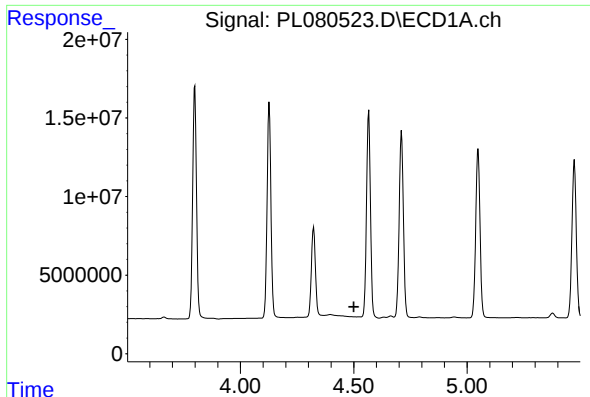
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 87193492
Conc: 50.70 ng/ml



#22 Mirex

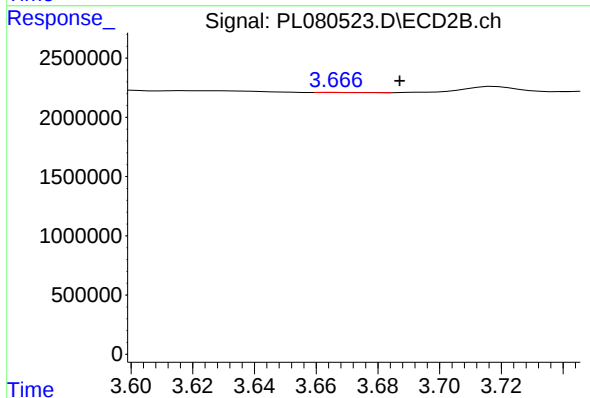
R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 107851144
Conc: 47.37 ng/ml



#23 Chlordane-1

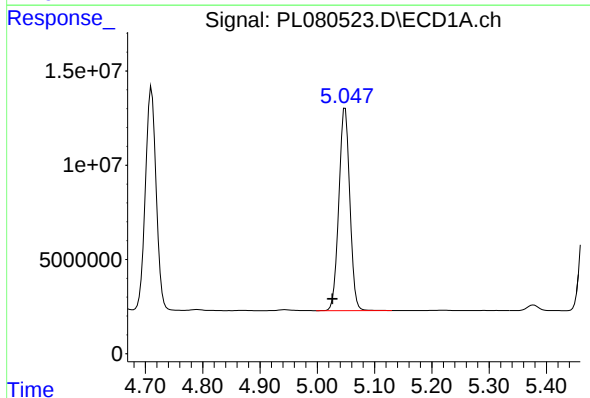
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



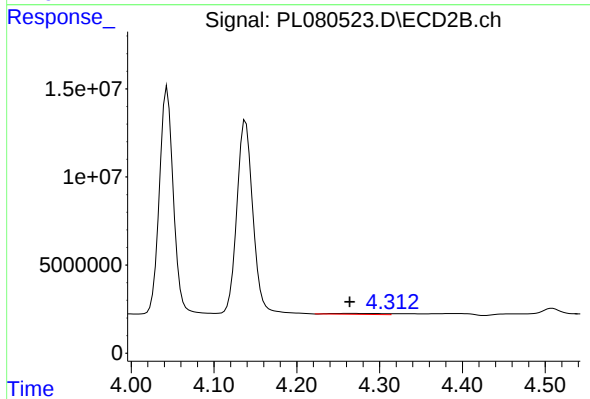
#23 Chlordane-1

R.T.: 3.665 min
Delta R.T.: -0.022 min
Response: 9067
Conc: 0.11 ng/ml



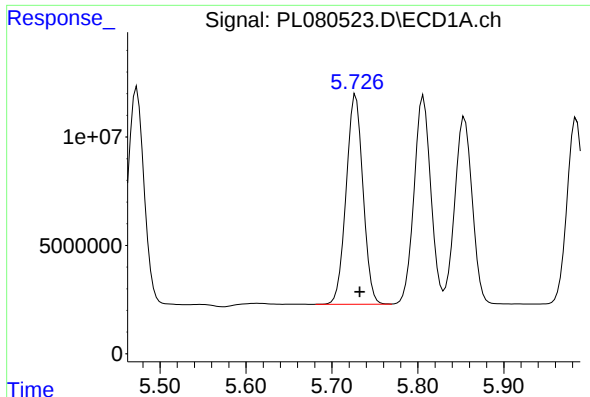
#24 Chlordane-2

R.T.: 5.049 min
Delta R.T.: 0.022 min
Response: 142688798
Conc: 1479.42 ng/ml



#24 Chlordane-2

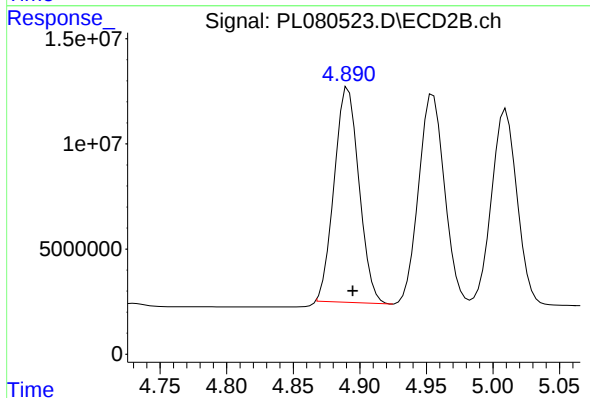
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2177948
Conc: 24.16 ng/ml



#25 Chlordane-3

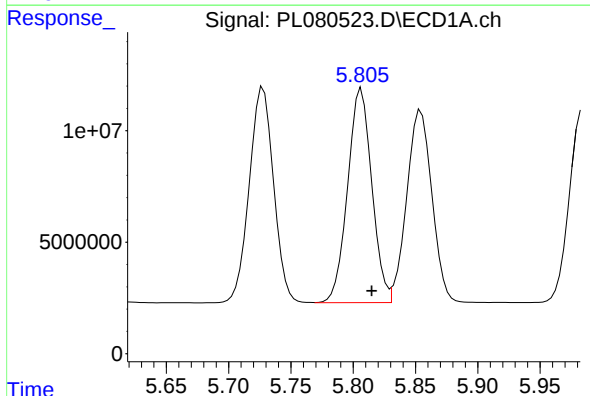
R.T.: 5.728 min
Delta R.T.: -0.005 min
Response: 131983505
Conc: 390.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



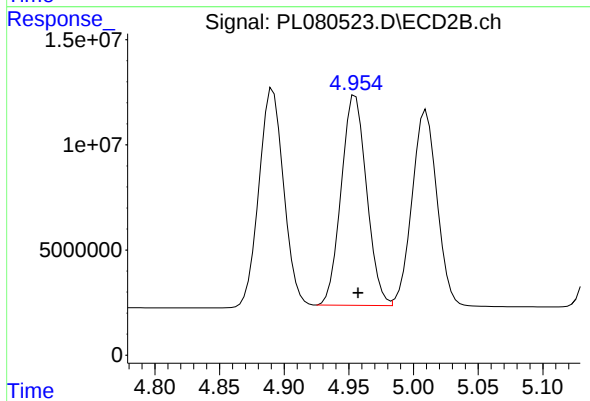
#25 Chlordane-3

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 132394879
Conc: 501.98 ng/ml



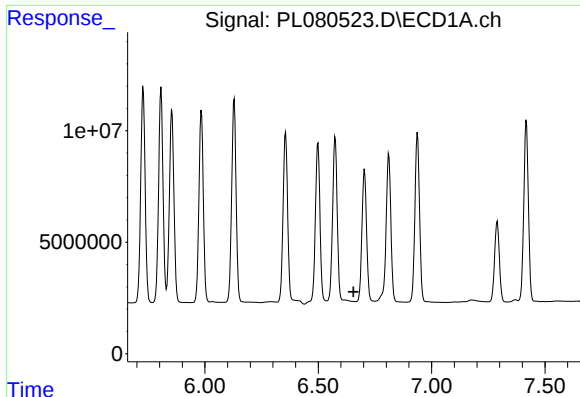
#26 Chlordane-4

R.T.: 5.807 min
Delta R.T.: -0.008 min
Response: 130243564
Conc: 301.90 ng/ml



#26 Chlordane-4

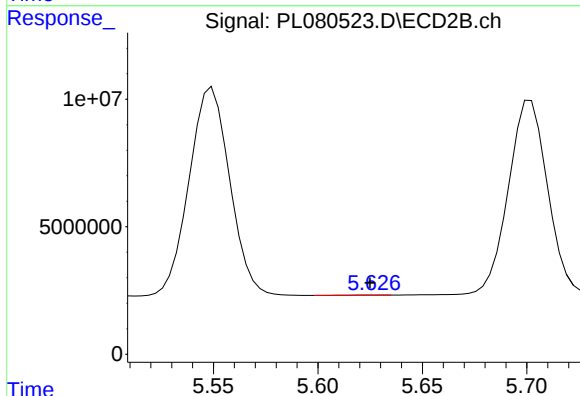
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 136051724
Conc: 505.21 ng/ml



#27 Chlordane-5

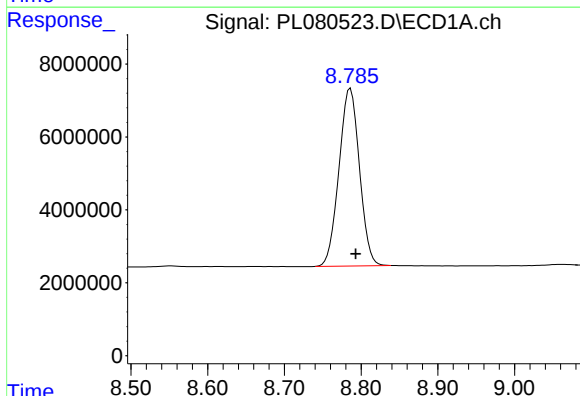
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



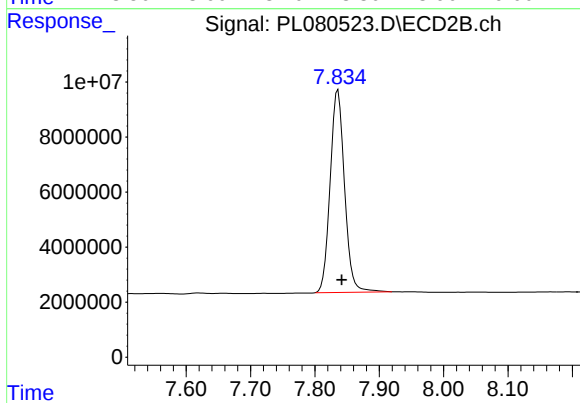
#27 Chlordane-5

R.T.: 5.627 min
Delta R.T.: 0.002 min
Response: 54708
Conc: 0.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 90670305
Conc: 51.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 114472785
Conc: 48.05 ng/ml