

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 08:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:23:33 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...	3.354	2.689	46208079	43168825	21.544	19.654
2)	SA Decachlor...	8.792	7.834	37045614	45198121	21.160	18.971
Target Compounds							
2)	A alpha-BHC	3.802	3.189	31516715	28181793	9.948	8.861
3)	MA gamma-BHC...	4.131	3.517	30857215	28038514	10.496	9.386
4)	MA Heptachlor	4.701	3.875	422921	56679	0.143	0.018 #
5)	MB Aldrin	5.045	4.145	243366	4946858	0.089	1.677 #
6)	B beta-BHC	4.327	3.814	15315621	14399249	11.220	10.789
7)	B delta-BHC	4.570	4.044	2723767	1028930	0.941	0.357 #
8)	B Heptachlo...	5.478	0.000	6975024	0	2.696	N.D. #
9)	A Endosulfan I	5.853	5.008	1241417	896235	0.526	0.345 #
10)	B gamma-Chl...	5.708f	4.902	689371	648482	0.273	0.229
11)	B alpha-Chl...	0.000	4.964	0	2619579	N.D.	0.914 #
12)	B 4,4'-DDE	0.000	5.151	0	1118858	N.D.	0.474 #
13)	MA Dieldrin	0.000	5.277	0	2015360	N.D.	0.745 #
14)	MA Endrin	6.361	5.549	115.2E6	110.4E6	53.288	47.546
15)	B Endosulfa...	6.569	5.864f	4224910	-2587186	1.843	N.D. #
16)	A 4,4'-DDD	6.503	5.701	6188677	2647404	3.378	1.409 #
17)	MA 4,4'-DDT	6.817	5.952	206.5E6	221.7E6	99.376	105.506
18)	B Endrin al...	6.710	6.024	2803807	4036500	1.686	2.210 #
19)	B Endosulfa...	6.924f	6.241	501901	407160	0.242	0.175 #
20)	A Methoxychlor	7.295	6.530	275.9E6	285.5E6	250.109	235.249
21)	B Endrin ke...	7.423	6.750	6262911	5655614	2.839	2.215
22)	Mirex	0.000	6.963f	0	6864	N.D.	0.003 #
23)	Chlordane-1	0.000	3.689	0	99494	N.D.	1.222 #
24)	Chlordane-2	5.012	4.260	59042	3615306	0.612	40.100 #
25)	Chlordane-3	5.708f	4.902	689371	648482	2.040	2.459
26)	Chlordane-4	0.000	4.964	0	2619579	N.D.	9.727 #
27)	Chlordane-5	0.000	5.651f	0	449366	N.D.	6.315 #

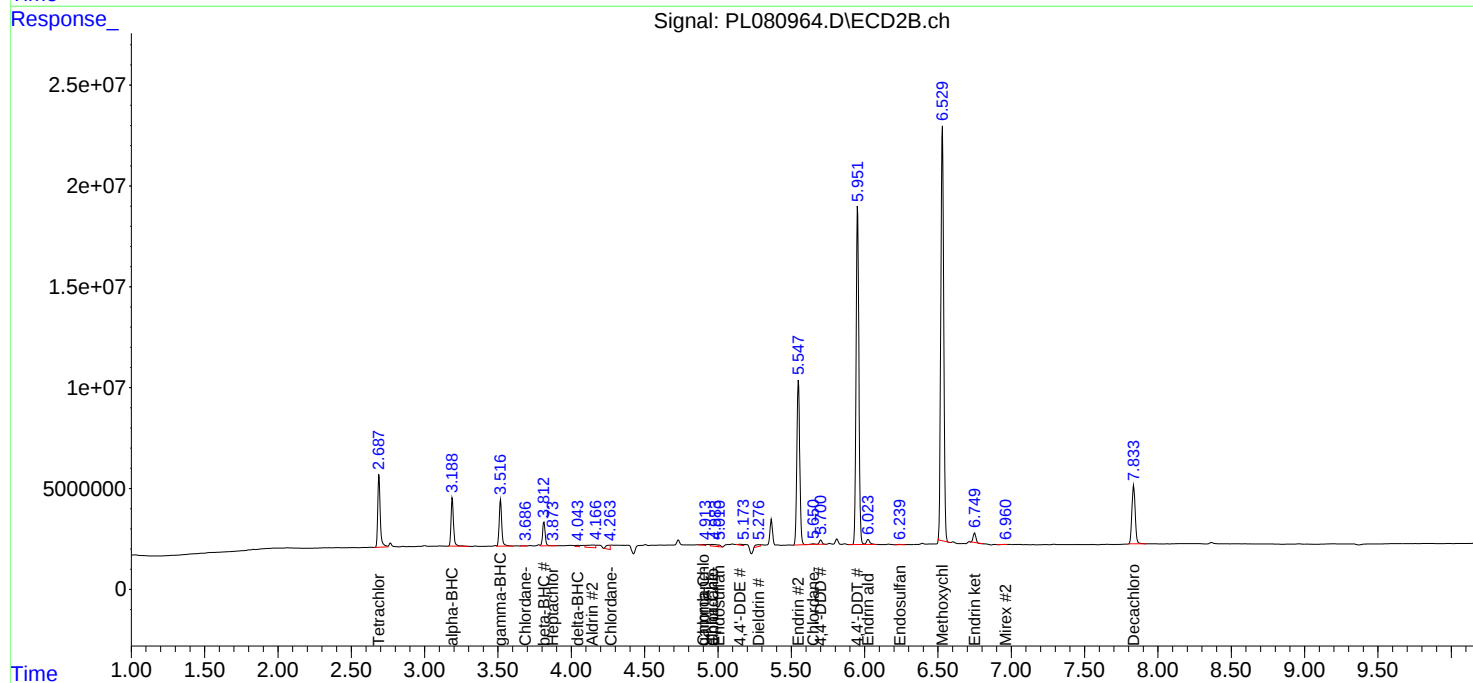
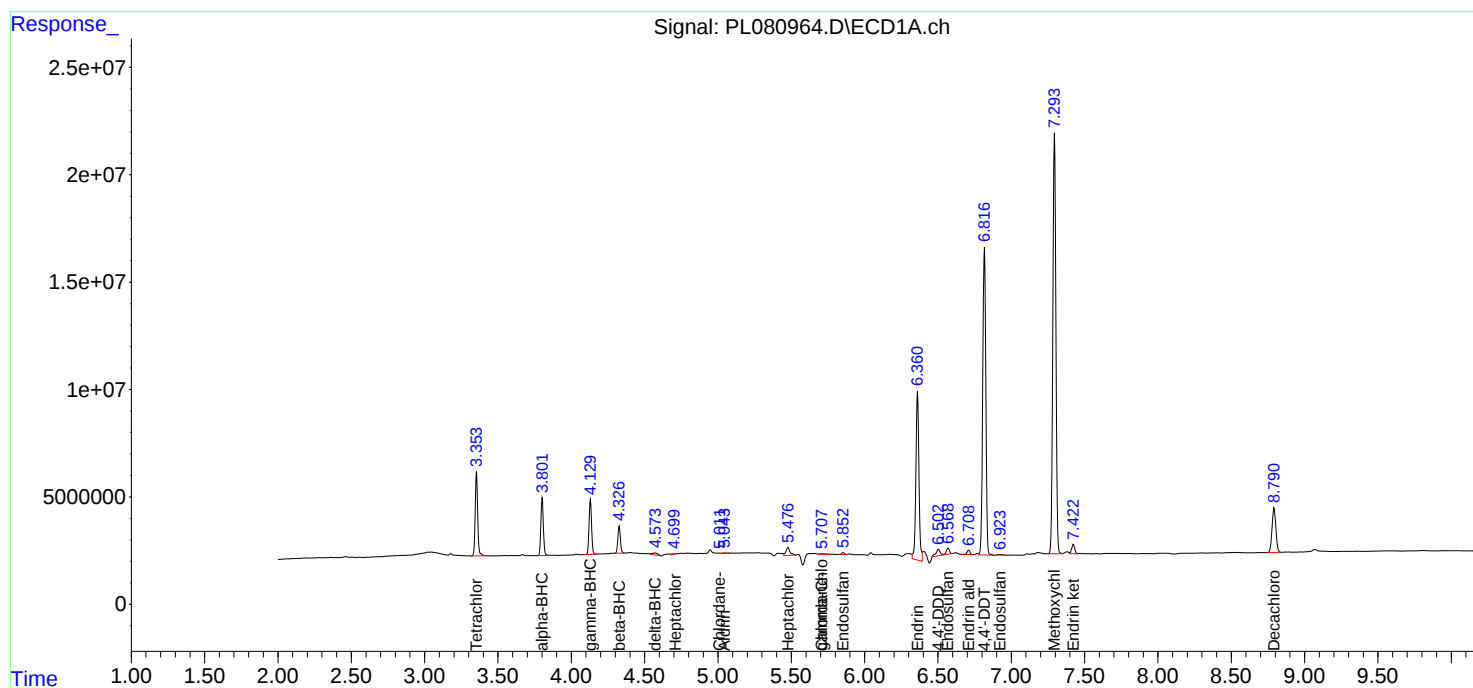
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

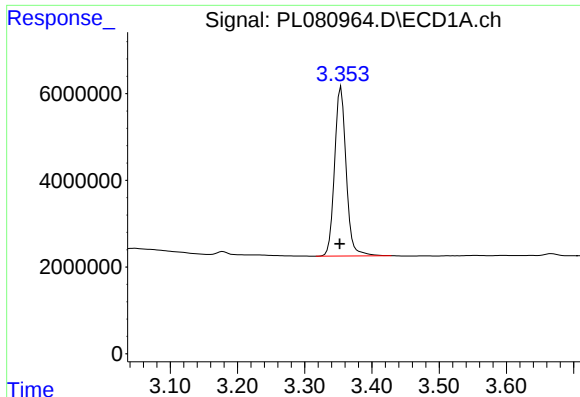
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 08:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:23:33 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

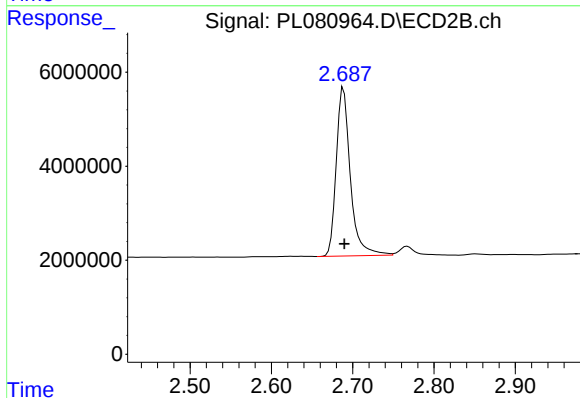




#1 Tetrachloro-m-xylene

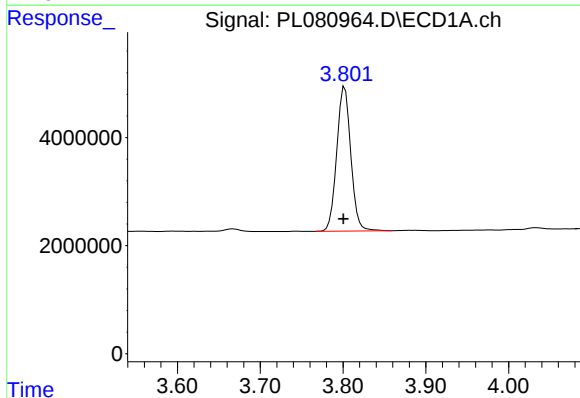
R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 46208079
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



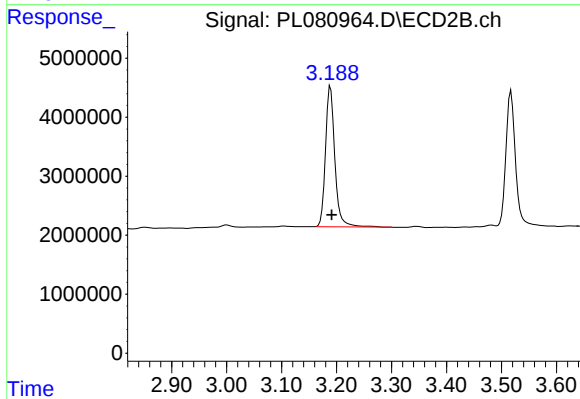
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 43168825
Conc: 19.65 ng/ml



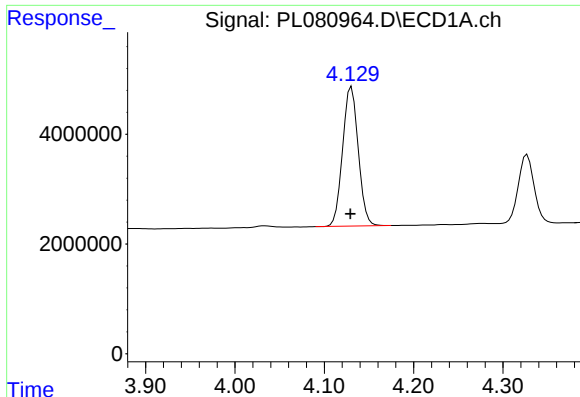
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 31516715
Conc: 9.95 ng/ml



#2 alpha-BHC

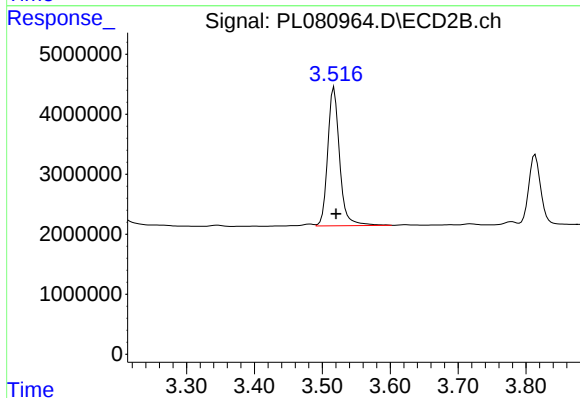
R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 28181793
Conc: 8.86 ng/ml



#3 gamma-BHC (Lindane)

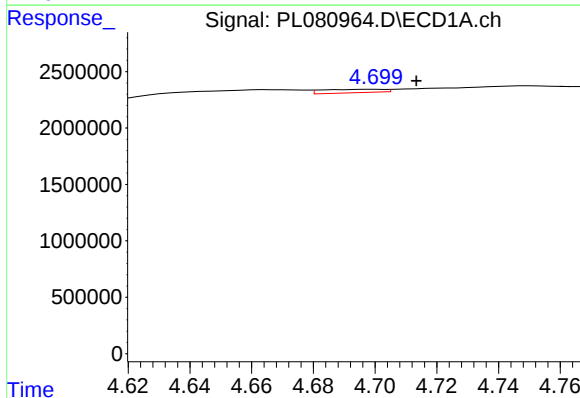
R.T.: 4.131 min
Delta R.T.: 0.001 min
Response: 30857215
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



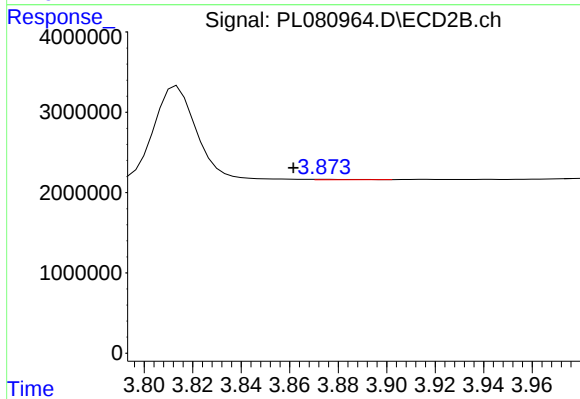
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 28038514
Conc: 9.39 ng/ml



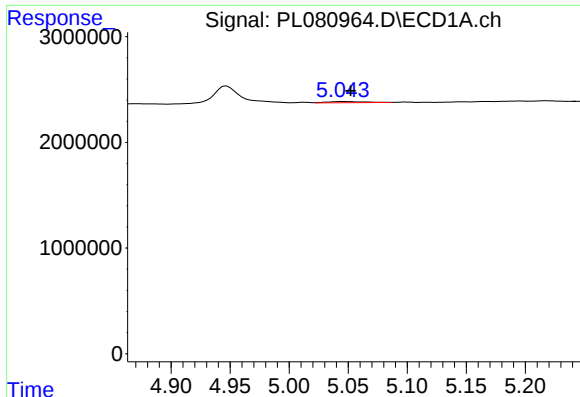
#4 Heptachlor

R.T.: 4.701 min
Delta R.T.: -0.013 min
Response: 422921
Conc: 0.14 ng/ml



#4 Heptachlor

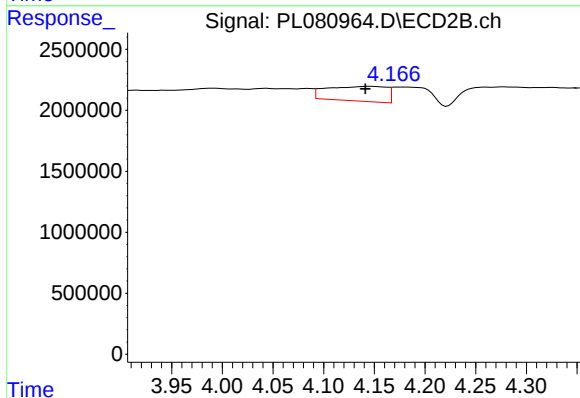
R.T.: 3.875 min
Delta R.T.: 0.013 min
Response: 56679
Conc: 0.02 ng/ml



#5 Aldrin

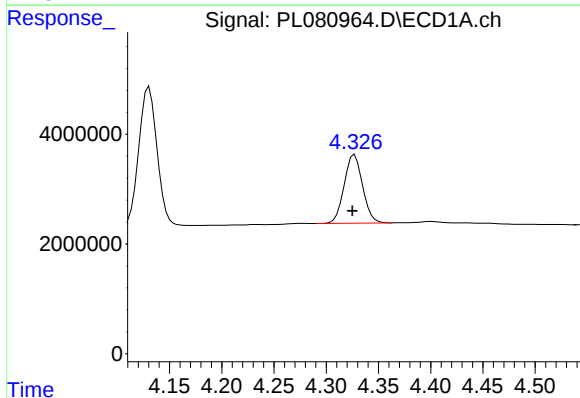
R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 243366
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



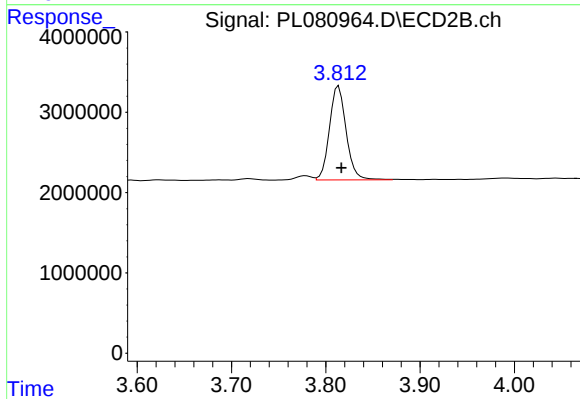
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.004 min
Response: 4946858
Conc: 1.68 ng/ml



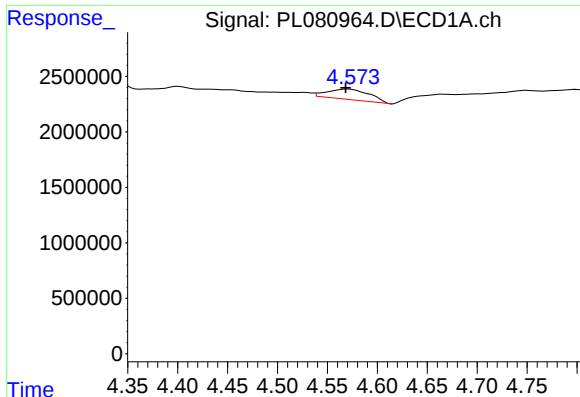
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 15315621
Conc: 11.22 ng/ml



#6 beta-BHC

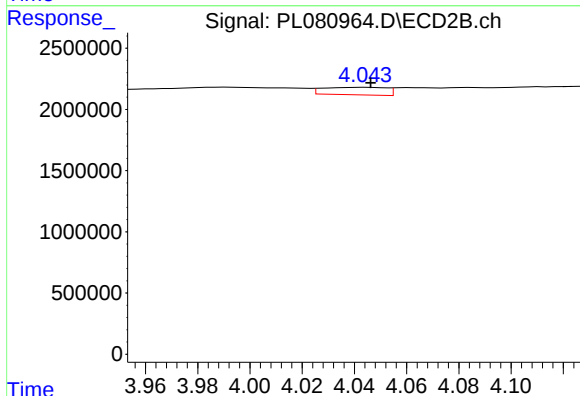
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 14399249
Conc: 10.79 ng/ml



#7 delta-BHC

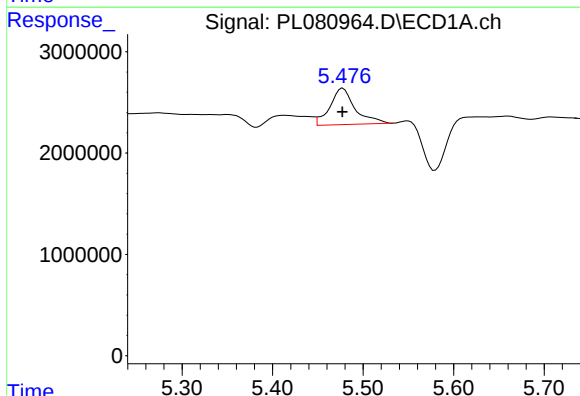
R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 2723767
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



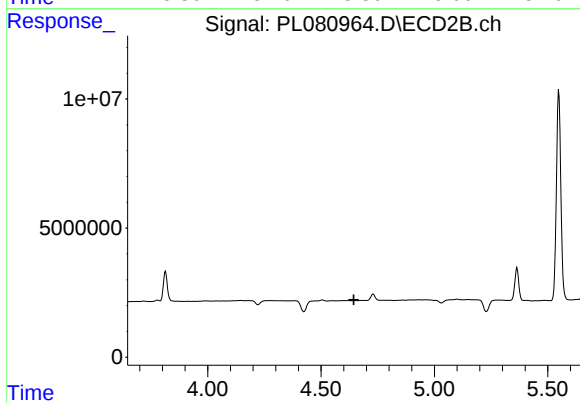
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 1028930
Conc: 0.36 ng/ml



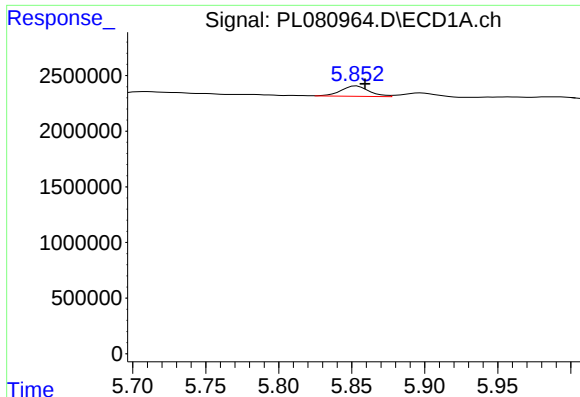
#8 Heptachlor epoxide

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 6975024
Conc: 2.70 ng/ml



#8 Heptachlor epoxide

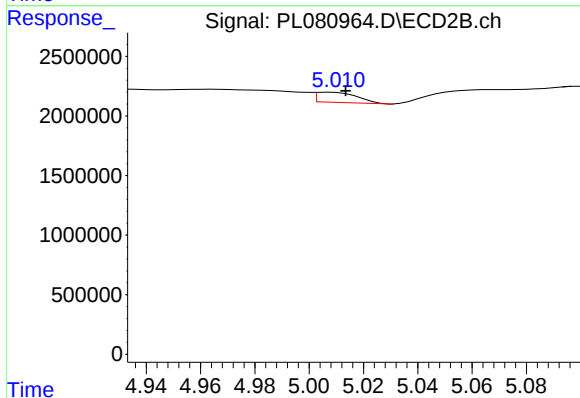
R.T.: 0.000 min
Exp R.T. : 4.644 min
Response: 0
Conc: N.D.



#9 Endosulfan I

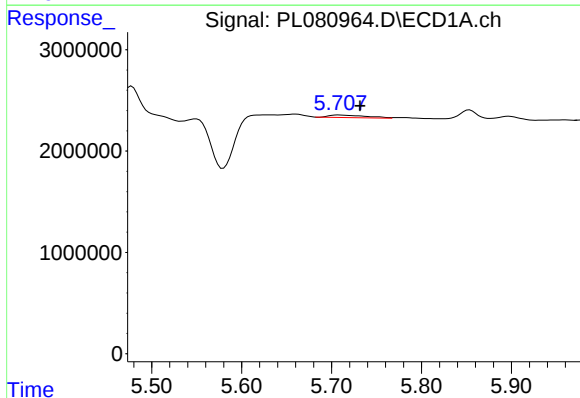
R.T.: 5.853 min
Delta R.T.: -0.006 min
Response: 1241417
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



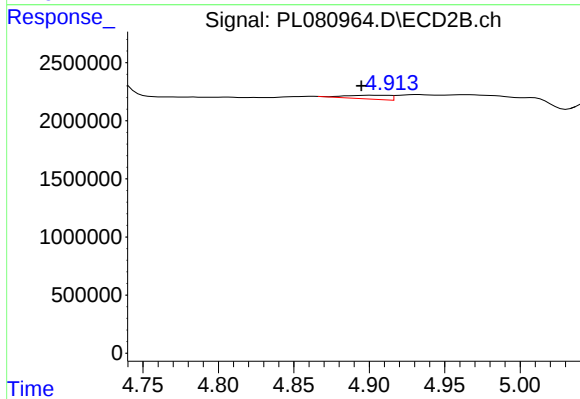
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 896235
Conc: 0.34 ng/ml



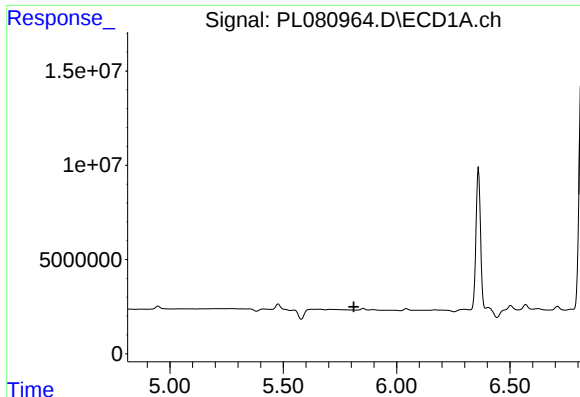
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.024 min
Response: 689371
Conc: 0.27 ng/ml



#10 gamma-Chlordane

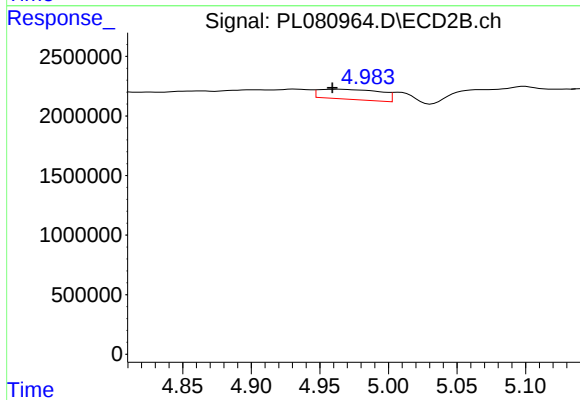
R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 648482
Conc: 0.23 ng/ml



#11 alpha-Chlordane

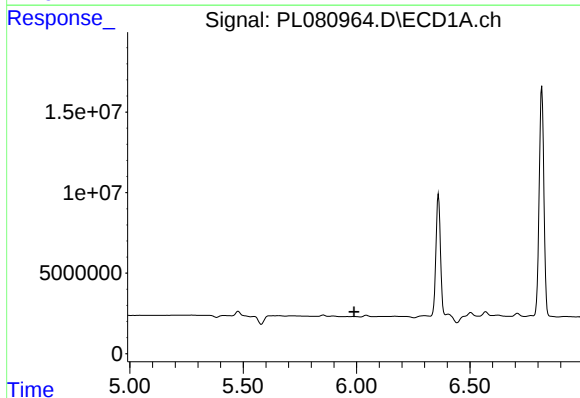
R.T.: 0.000 min
Exp R.T.: 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



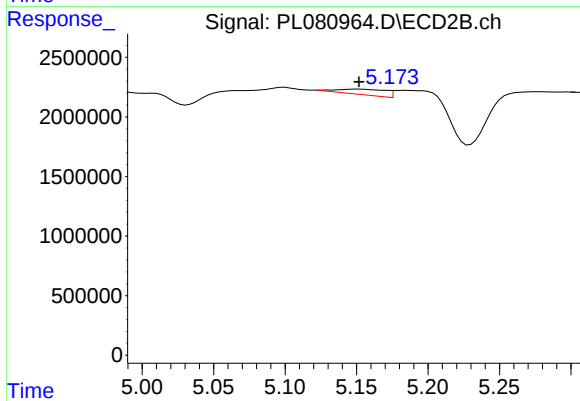
#11 alpha-Chlordane

R.T.: 4.964 min
Delta R.T.: 0.005 min
Response: 2619579
Conc: 0.91 ng/ml



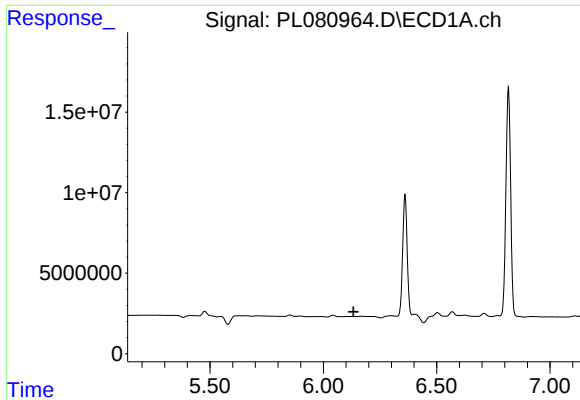
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.989 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

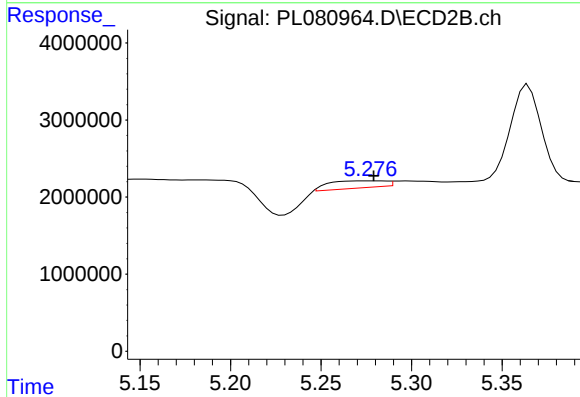
R.T.: 5.151 min
Delta R.T.: -0.001 min
Response: 1118858
Conc: 0.47 ng/ml



#13 Dieldrin

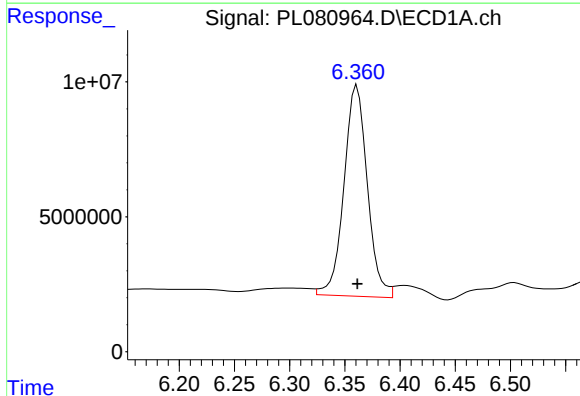
R.T.: 0.000 min
Exp R.T.: 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



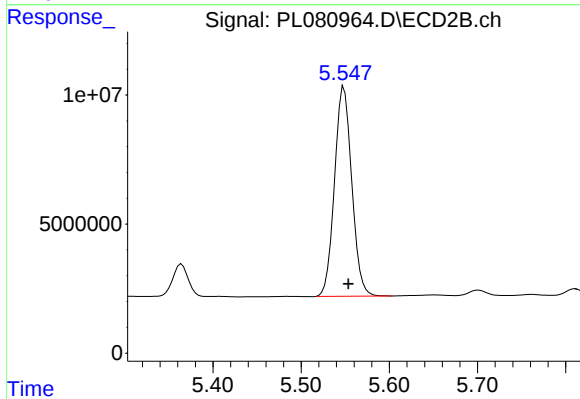
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 2015360
Conc: 0.75 ng/ml



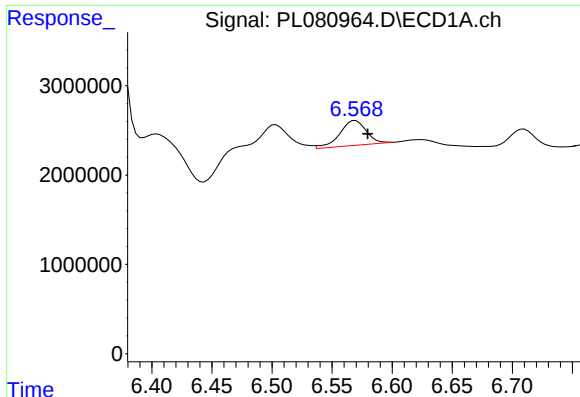
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 115246312
Conc: 53.29 ng/ml



#14 Endrin

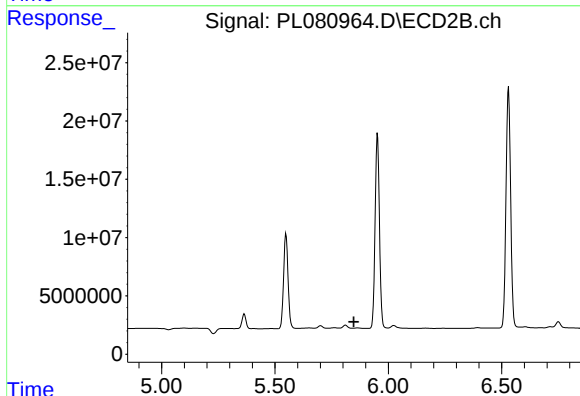
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 110362390
Conc: 47.55 ng/ml



#15 Endosulfan II

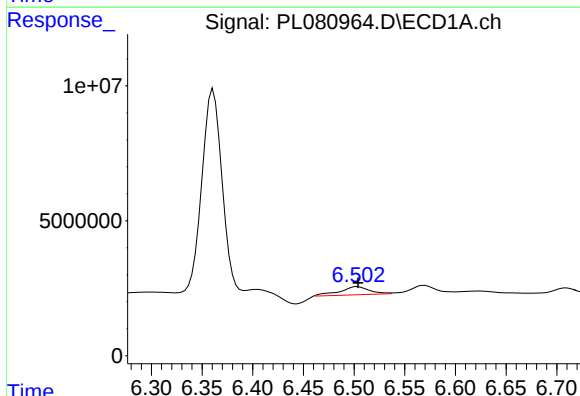
R.T.: 6.569 min
Delta R.T.: -0.010 min
Response: 4224910
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



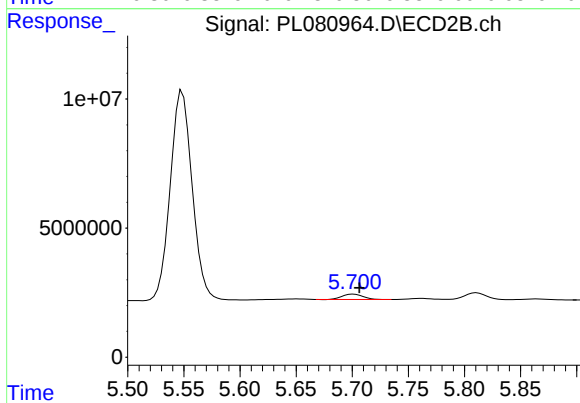
#15 Endosulfan II

R.T.: 5.864 min
Delta R.T.: 0.017 min
Response: -2587186
Conc: N.D.



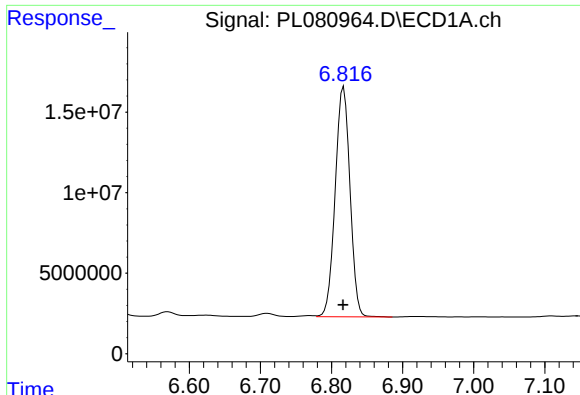
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 6188677
Conc: 3.38 ng/ml



#16 4,4'-DDD

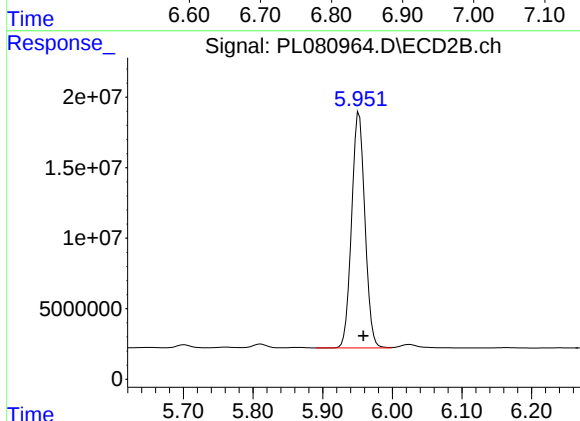
R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 2647404
Conc: 1.41 ng/ml



#17 4,4'-DDT

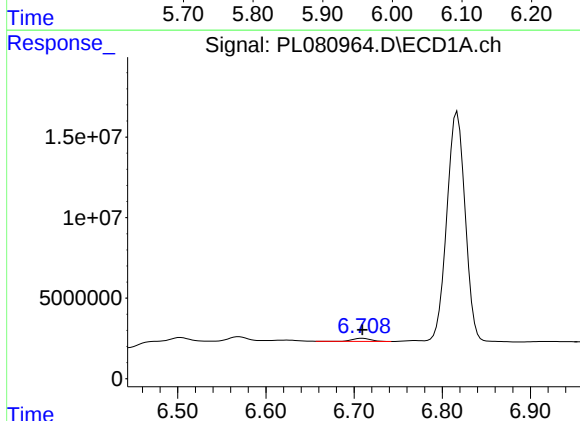
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 206471177
Conc: 99.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



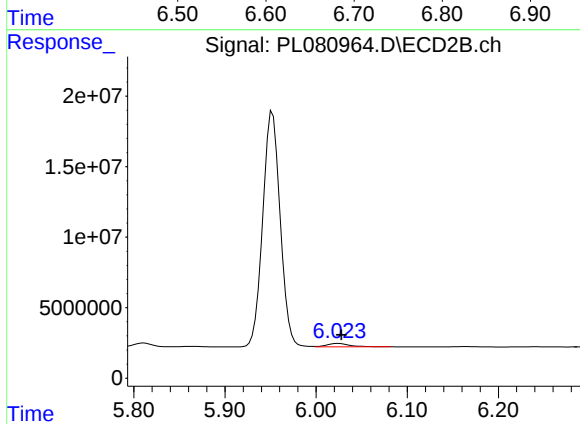
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 221718698
Conc: 105.51 ng/ml



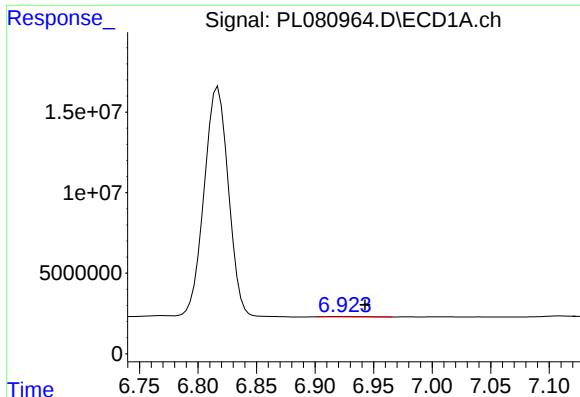
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 2803807
Conc: 1.69 ng/ml



#18 Endrin aldehyde

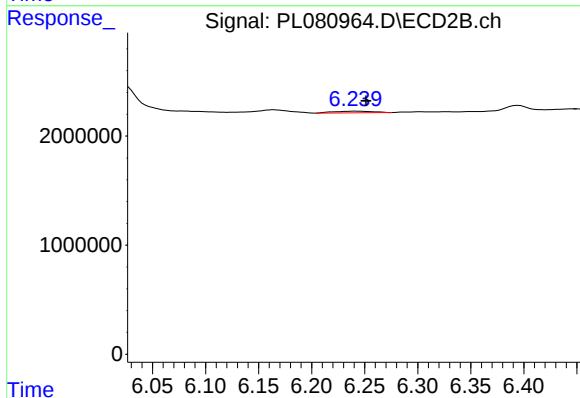
R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 4036500
Conc: 2.21 ng/ml



#19 Endosulfan Sulfate

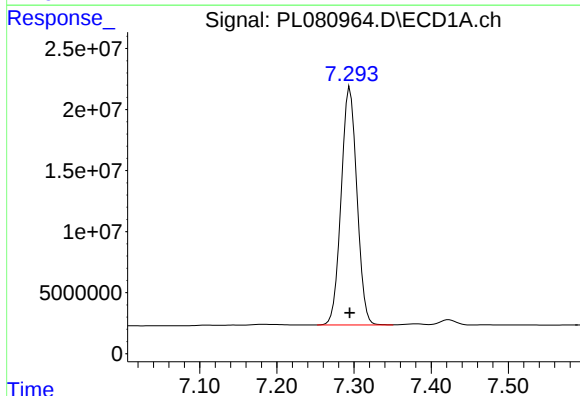
R.T.: 6.924 min
Delta R.T.: -0.019 min
Response: 501901
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



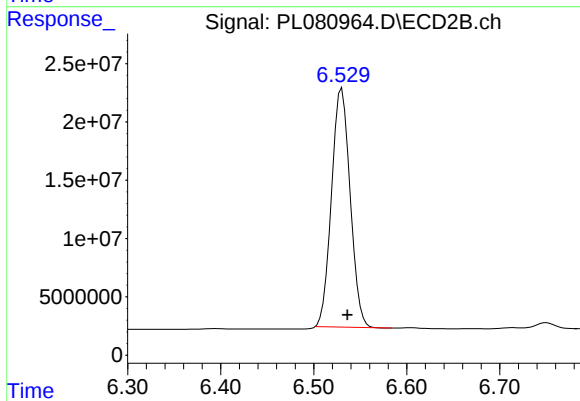
#19 Endosulfan Sulfate

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 407160
Conc: 0.18 ng/ml



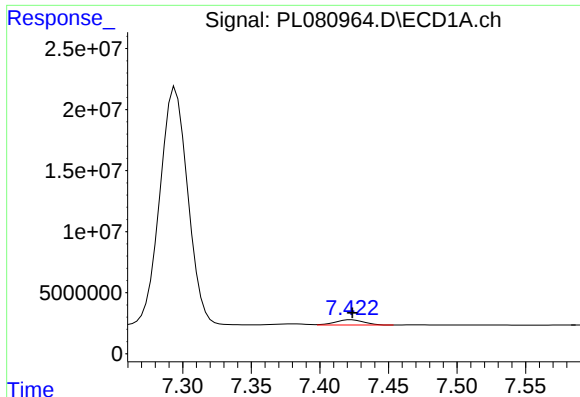
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 275942220
Conc: 250.11 ng/ml



#20 Methoxychlor

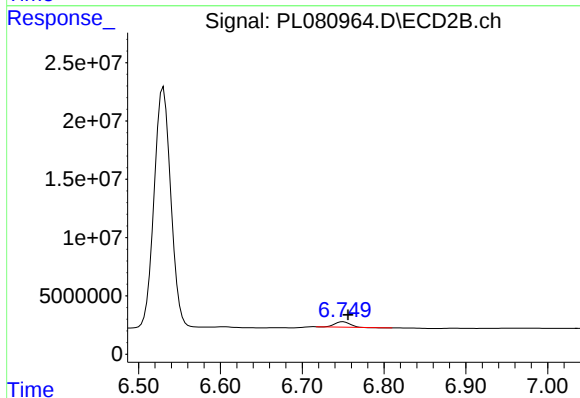
R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 285466290
Conc: 235.25 ng/ml



#21 Endrin ketone

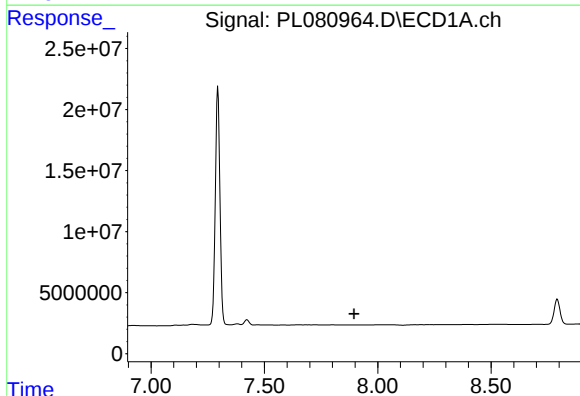
R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 6262911
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



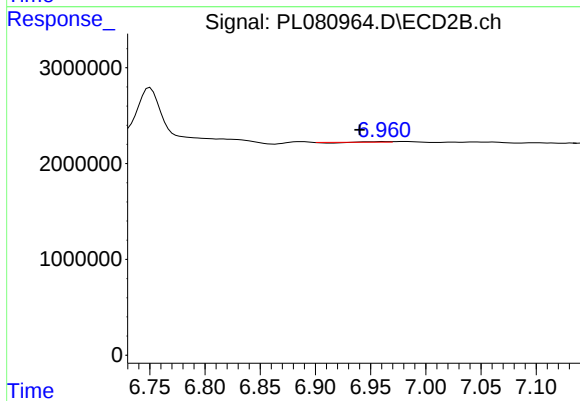
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 5655614
Conc: 2.22 ng/ml



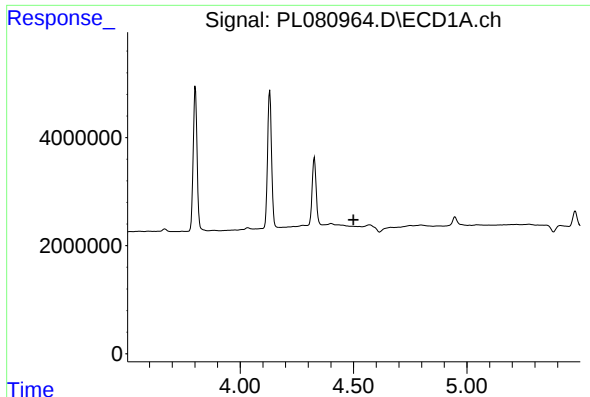
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.896 min
Response: 0
Conc: N.D.



#22 Mirex

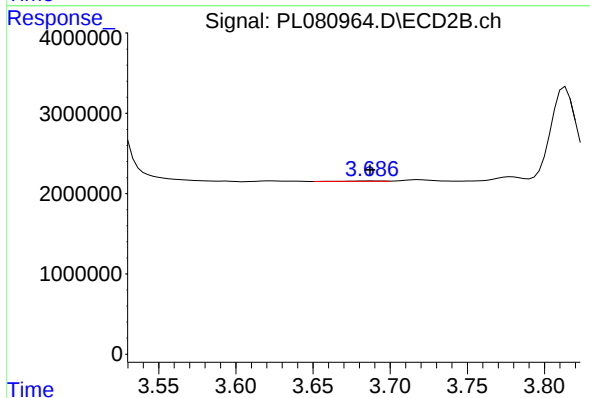
R.T.: 6.963 min
Delta R.T.: 0.023 min
Response: 6864
Conc: 0.00 ng/ml



#23 Chlordane-1

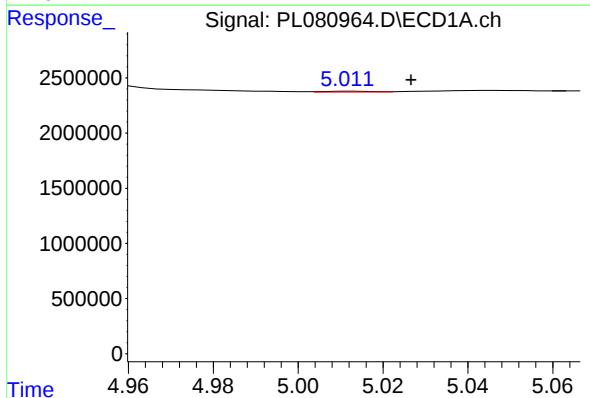
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



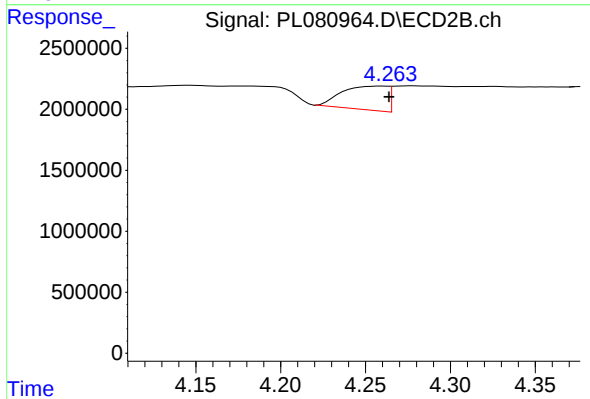
#23 Chlordane-1

R.T.: 3.689 min
Delta R.T.: 0.002 min
Response: 99494
Conc: 1.22 ng/ml



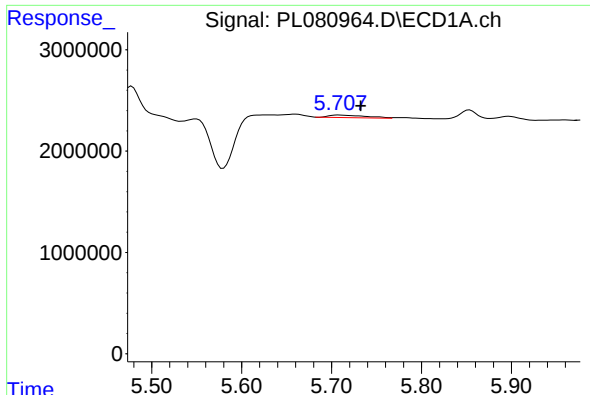
#24 Chlordane-2

R.T.: 5.012 min
Delta R.T.: -0.014 min
Response: 59042
Conc: 0.61 ng/ml



#24 Chlordane-2

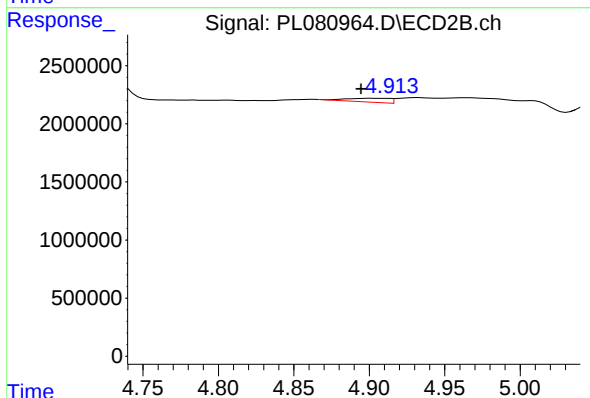
R.T.: 4.260 min
Delta R.T.: -0.004 min
Response: 3615306
Conc: 40.10 ng/ml



#25 Chlordane-3

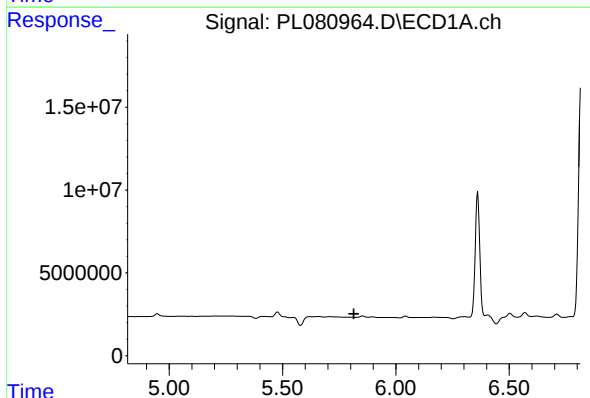
R.T.: 5.708 min
Delta R.T.: -0.024 min
Response: 689371
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



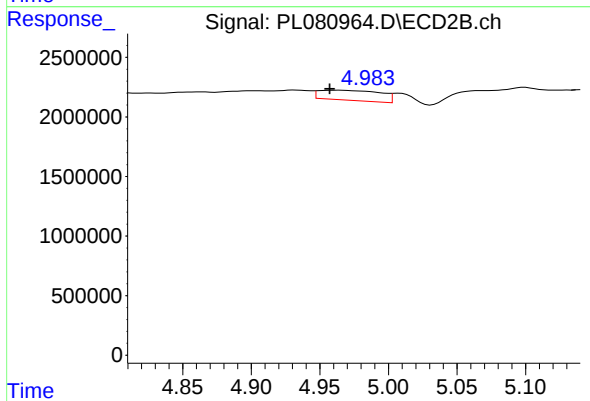
#25 Chlordane-3

R.T.: 4.902 min
Delta R.T.: 0.007 min
Response: 648482
Conc: 2.46 ng/ml



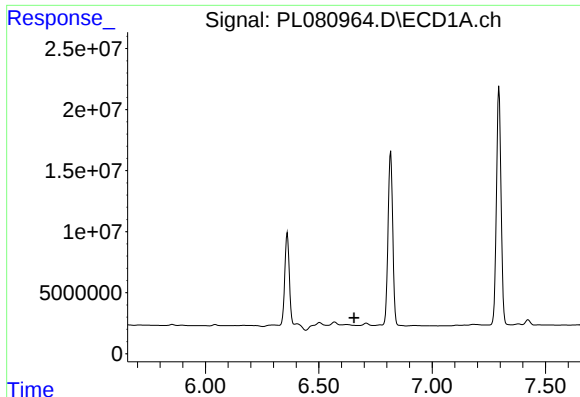
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#26 Chlordane-4

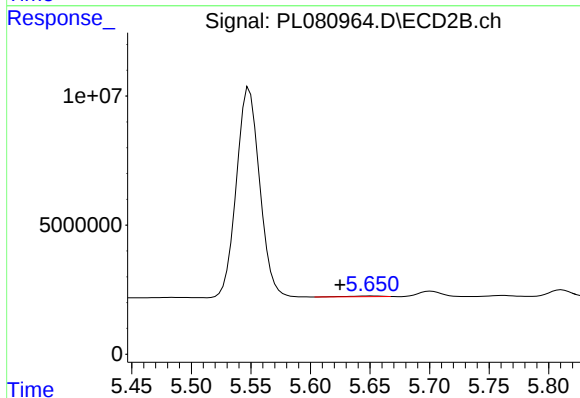
R.T.: 4.964 min
Delta R.T.: 0.006 min
Response: 2619579
Conc: 9.73 ng/ml



#27 Chlordane-5

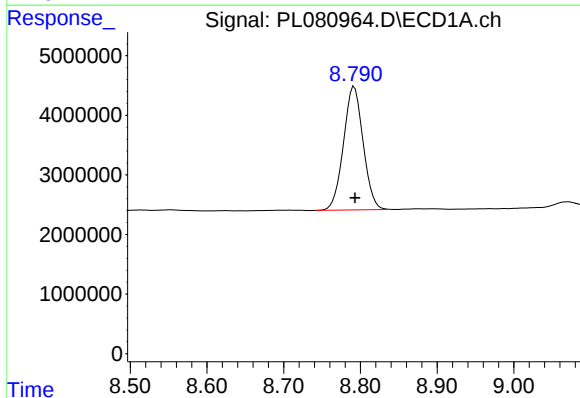
R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



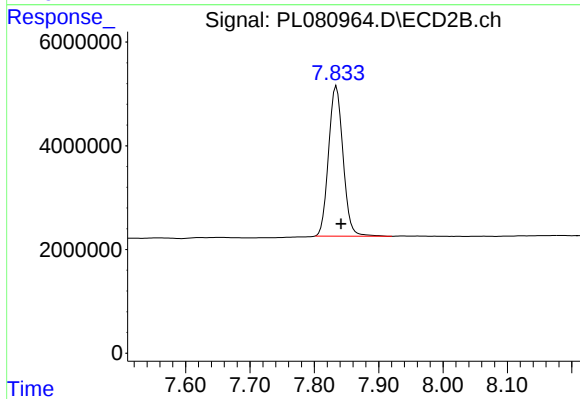
#27 Chlordane-5

R.T.: 5.651 min
Delta R.T.: 0.026 min
Response: 449366
Conc: 6.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 37045614
Conc: 21.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 45198121
Conc: 18.97 ng/ml