

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 15:56
 Operator : AR\AJ
 Sample : 01404-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NPHACK-SOIL-0201

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:20:47 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	39169702	31213013	18.262	14.211
28)	SA Decachlor...	8.789	7.835	22885562	23901735	13.072	10.032
Target Compounds							
2)	A alpha-BHC	0.000	3.182	0	271030	N.D.	0.085 #
3)	MA gamma-BHC...	4.100f	3.521	-539619	2715142	N.D.	0.909
4)	MA Heptachlor	4.711	3.857	1503869	1740960	0.509	0.547
5)	MB Aldrin	5.026f	4.116f	7474559	3020717	2.732	1.024 #
6)	B beta-BHC	4.342f	3.828	1326034	1944074	0.971	1.457 #
7)	B delta-BHC	4.571	4.046	7849110	1821212	2.711	0.631 #
8)	B Heptachlo...	5.474	4.639	3366886	553622	1.301	0.199 #
9)	A Endosulfan I	0.000	5.033f	0	8945464	N.D.	3.439 #
10)	B gamma-Chl...	5.729	4.891	11934845	4200319	4.725	1.482 #
11)	B alpha-Chl...	5.811	4.953	14318639	9747242	5.672	3.403 #
12)	B 4,4'-DDE	5.988	5.147	11439273	18082657	5.136	7.666 #
13)	MA Dieldrin	6.137	5.279	1739190	7406530	0.727	2.738 #
14)	MA Endrin	6.363	5.561	797128	3413494	0.369	1.471 #
15)	B Endosulfa...	6.567	5.848	2265709	-30437	0.988	N.D. #
16)	A 4,4'-DDD	6.480f	5.699	3216229	239151	1.756	0.127 #
17)	MA 4,4'-DDT	6.813	5.951	16158442	12840069	7.777	6.110
18)	B Endrin al...	6.713	6.041	454422	474108	0.273	0.260
19)	B Endosulfa...	6.940	6.261	430011	1530881	0.208	0.658 #
20)	A Methoxychlor	0.000	6.553f	0	3694584	N.D.	3.045 #
21)	B Endrin ke...	7.397f	0.000	2668631	0	1.210	N.D. #
22)	Mirex	7.897	0.000	946790	0	0.551	N.D. #
24)	Chlordane-2	5.026	4.264	7474559	3175774	77.497	35.225 #
25)	Chlordane-3	5.729	4.891	11934845	4200319	35.319	15.926 #
26)	Chlordane-4	5.811	4.953	14318639	9747242	33.190	36.195
27)	Chlordane-5	0.000	5.626	0	5113192	N.D.	71.859 #

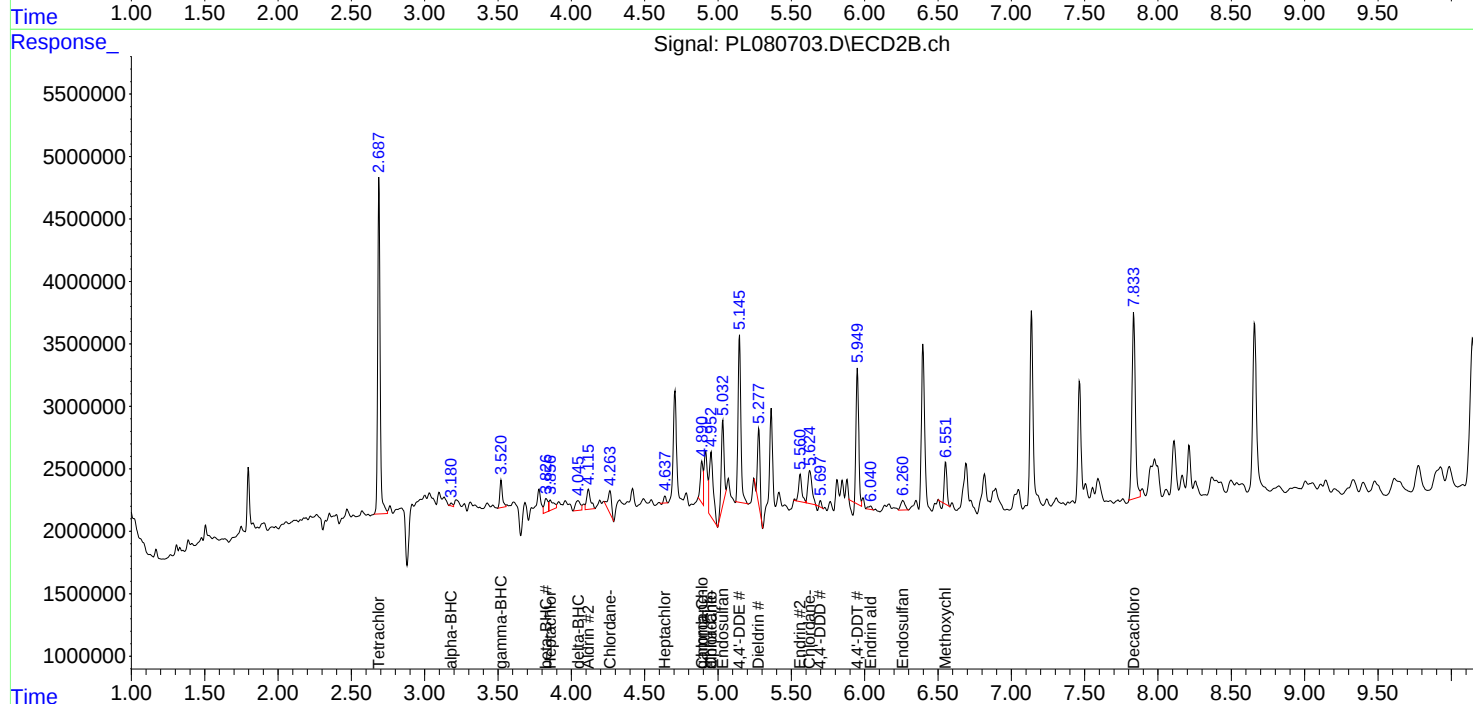
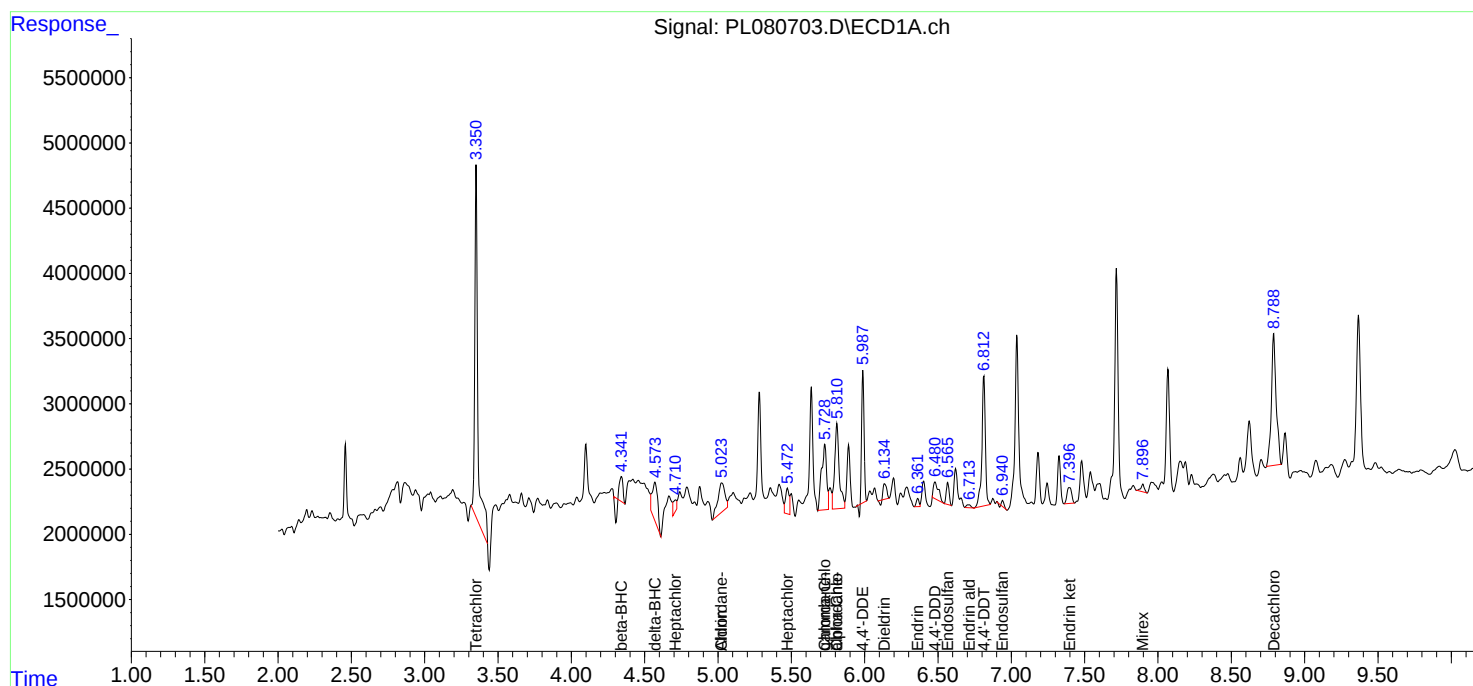
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

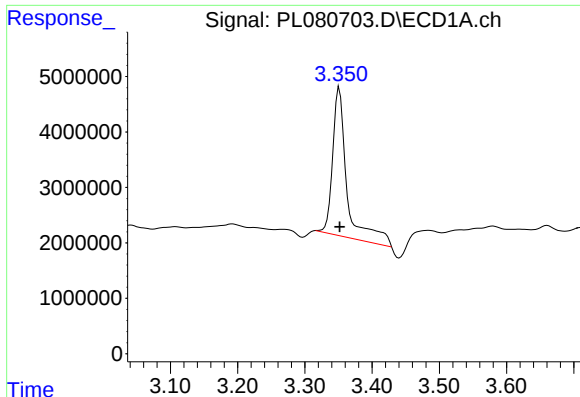
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
Data File : PL080703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 15:56
Operator : AR\AJ
Sample : 01404-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:20:47 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

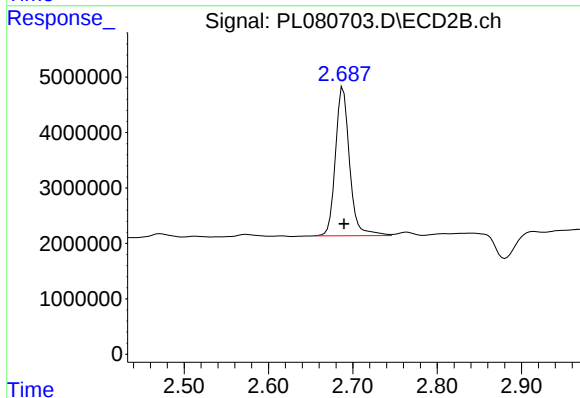




#1 Tetrachloro-m-xylene

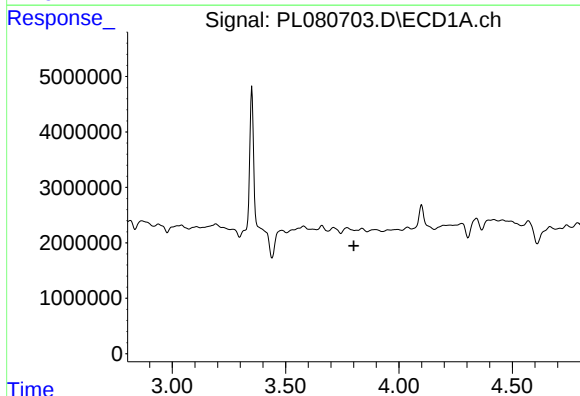
R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 39169702
Conc: 18.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



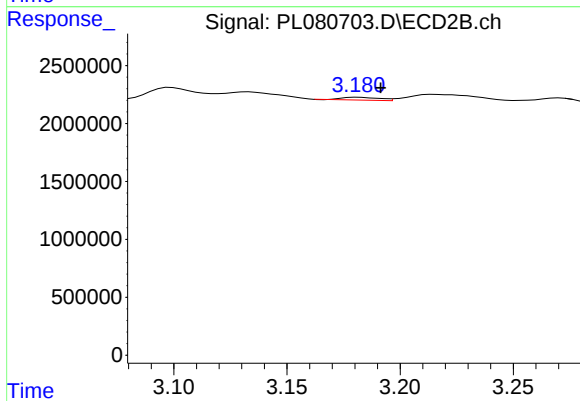
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 31213013
Conc: 14.21 ng/ml



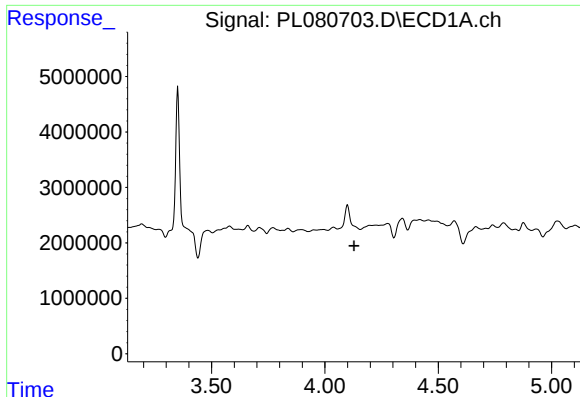
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#2 alpha-BHC

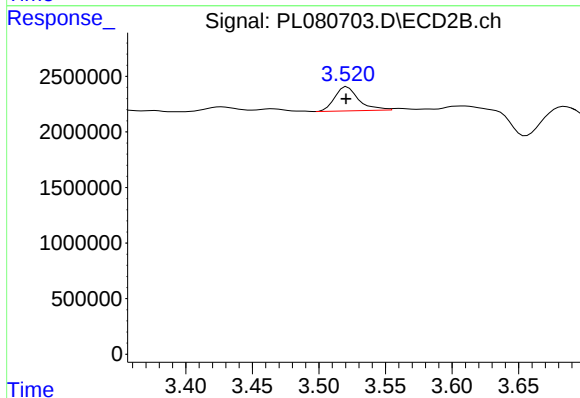
R.T.: 3.182 min
Delta R.T.: -0.010 min
Response: 271030
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

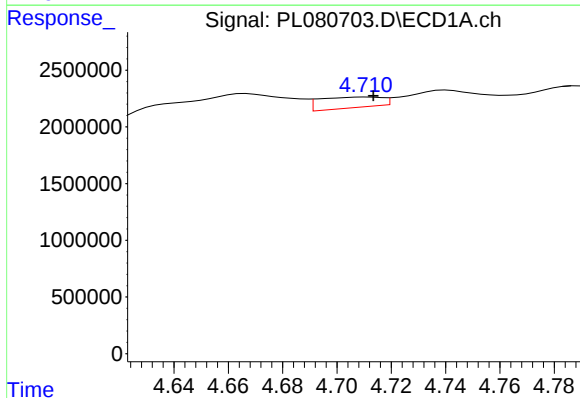
R.T.: 4.100 min
Delta R.T.: -0.030 min
Response: -539619
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



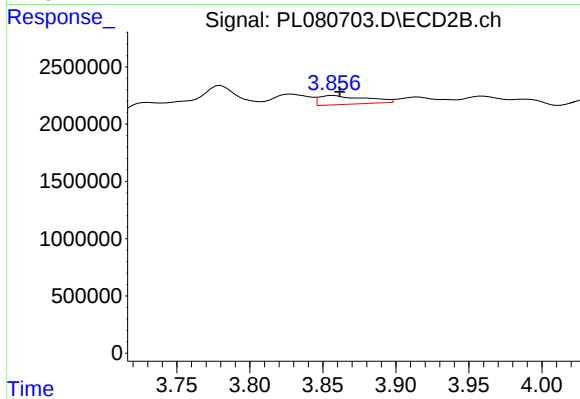
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: 0.000 min
Response: 2715142
Conc: 0.91 ng/ml



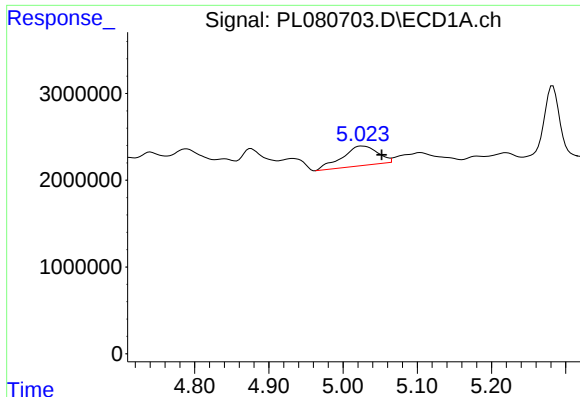
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 1503869
Conc: 0.51 ng/ml



#4 Heptachlor

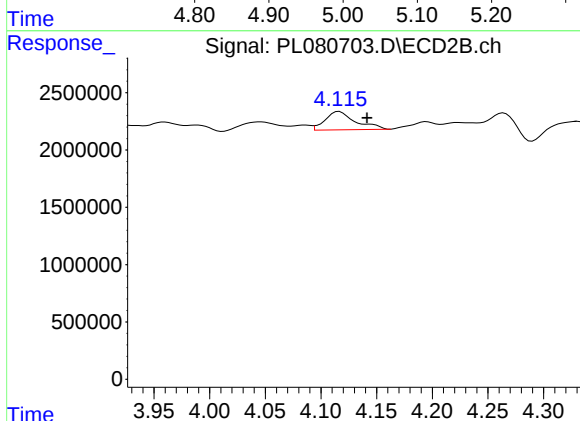
R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 1740960
Conc: 0.55 ng/ml



#5 Aldrin

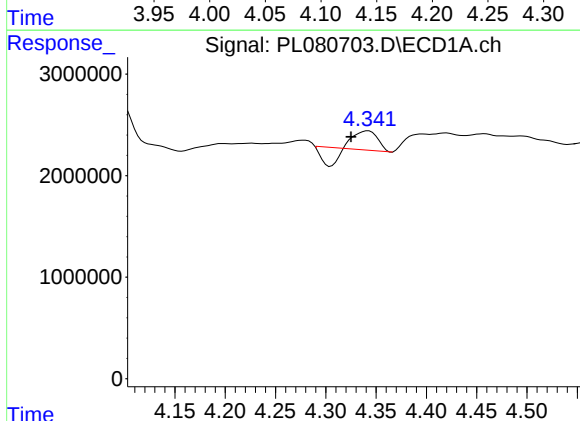
R.T.: 5.026 min
Delta R.T.: -0.026 min
Response: 7474559
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



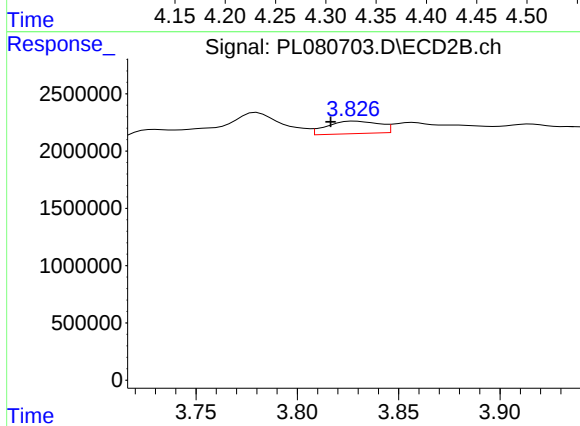
#5 Aldrin

R.T.: 4.116 min
Delta R.T.: -0.025 min
Response: 3020717
Conc: 1.02 ng/ml



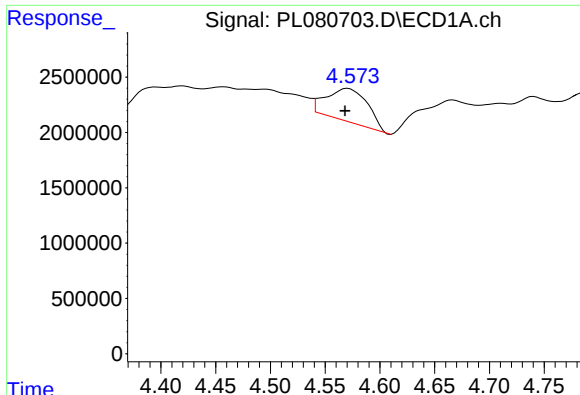
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.017 min
Response: 1326034
Conc: 0.97 ng/ml



#6 beta-BHC

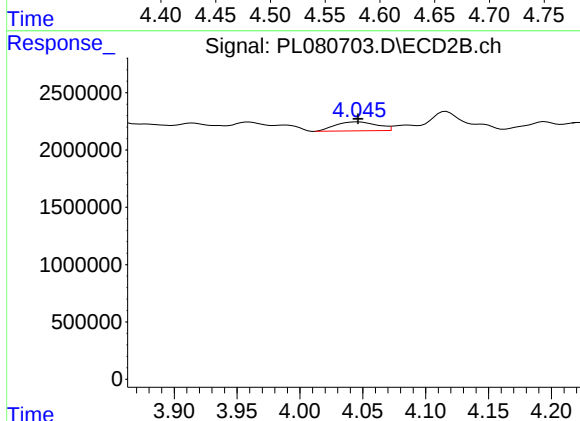
R.T.: 3.828 min
Delta R.T.: 0.012 min
Response: 1944074
Conc: 1.46 ng/ml



#7 delta-BHC

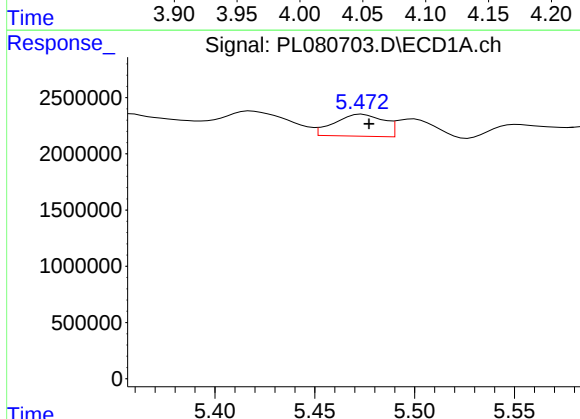
R.T.: 4.571 min
Delta R.T.: 0.002 min
Response: 7849110
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



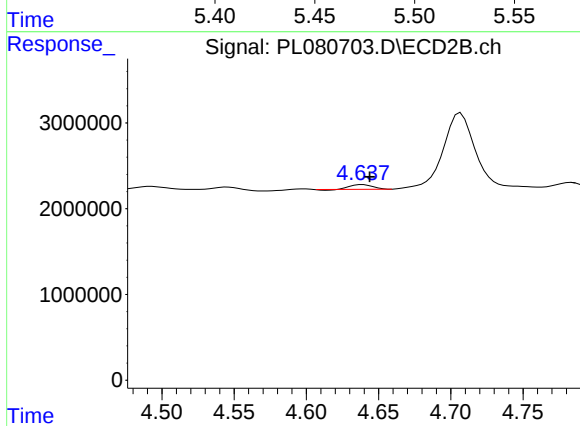
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 1821212
Conc: 0.63 ng/ml



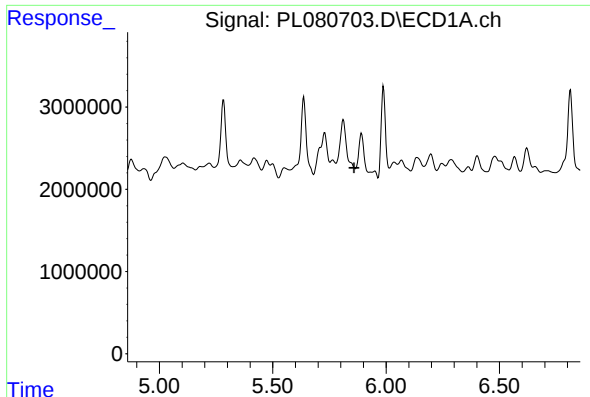
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 3366886
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

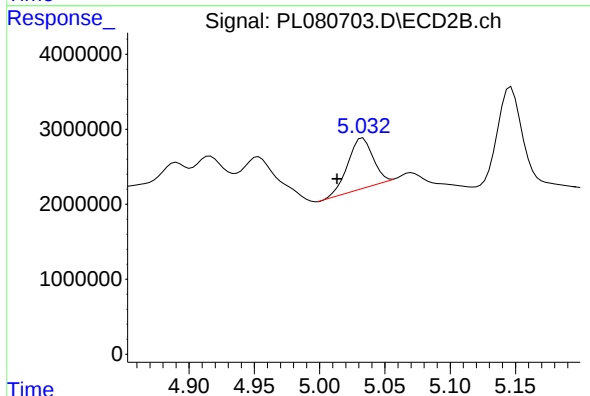
R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 553622
Conc: 0.20 ng/ml



#9 Endosulfan I

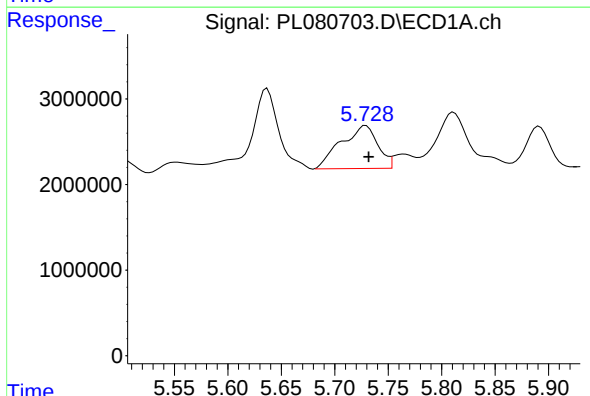
R.T.: 0.000 min
Exp R.T.: 5.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



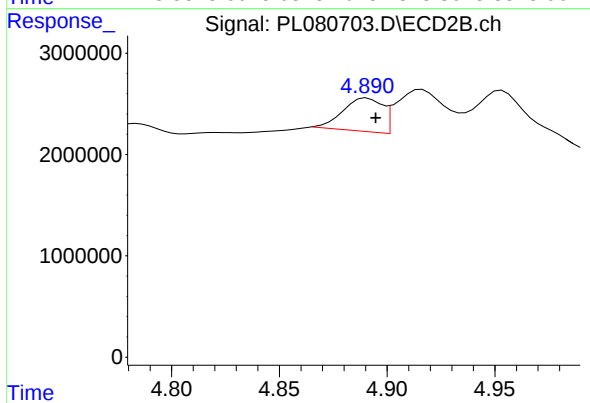
#9 Endosulfan I

R.T.: 5.033 min
Delta R.T.: 0.020 min
Response: 8945464
Conc: 3.44 ng/ml



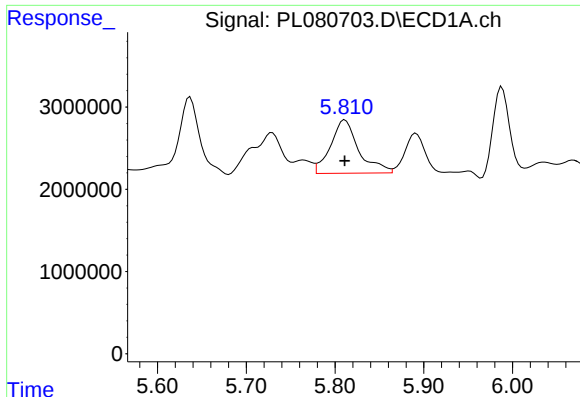
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 11934845
Conc: 4.73 ng/ml



#10 gamma-Chlordane

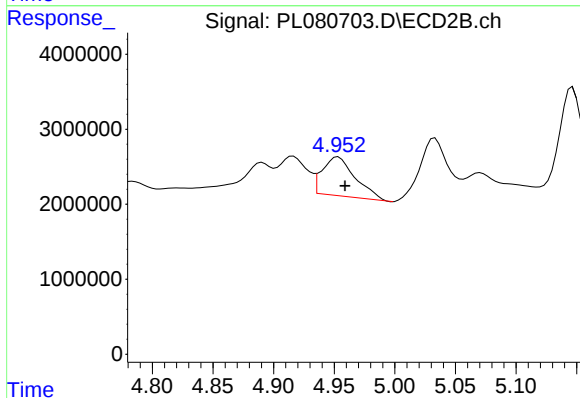
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 4200319
Conc: 1.48 ng/ml



#11 alpha-Chlordane

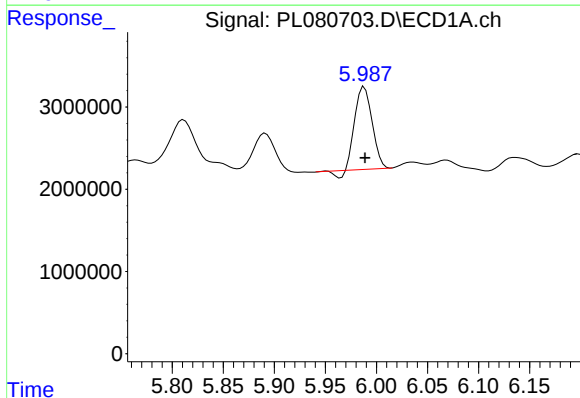
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 14318639
Conc: 5.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



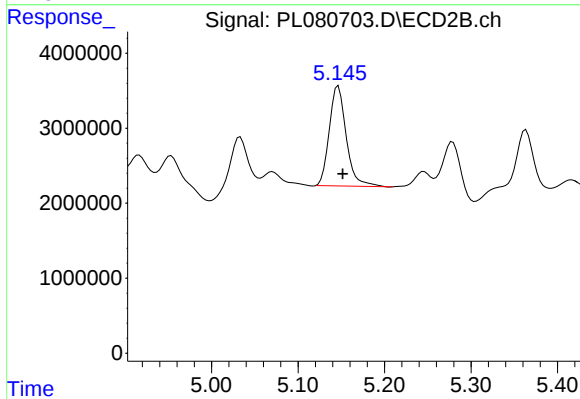
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 9747242
Conc: 3.40 ng/ml



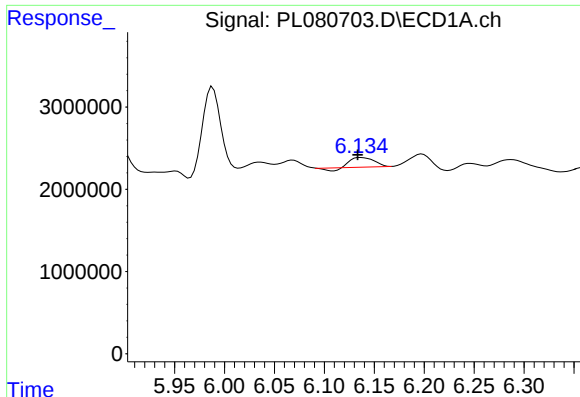
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 11439273
Conc: 5.14 ng/ml



#12 4,4'-DDE

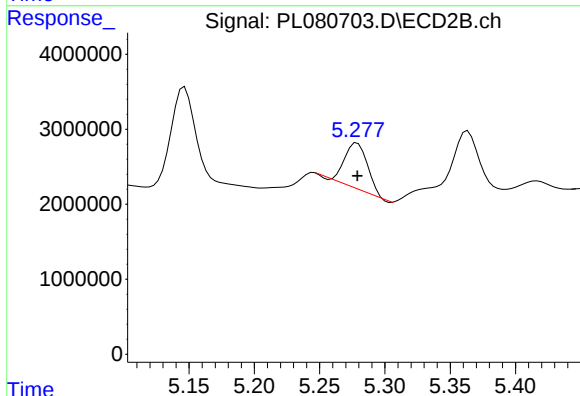
R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 18082657
Conc: 7.67 ng/ml



#13 Dieldrin

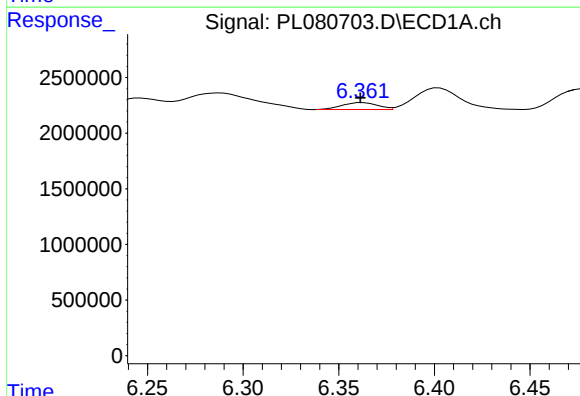
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 1739190
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



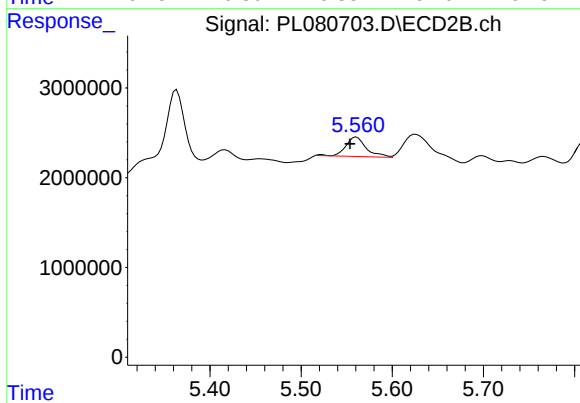
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 7406530
Conc: 2.74 ng/ml



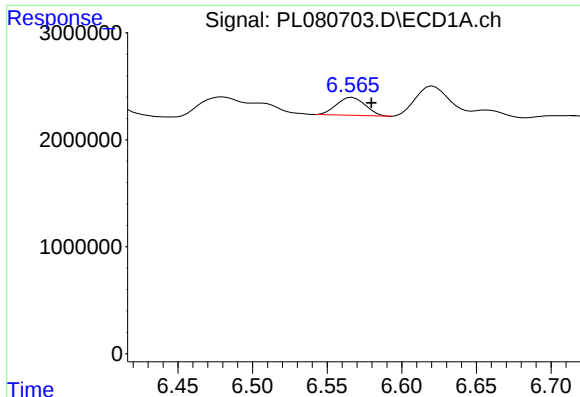
#14 Endrin

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 797128
Conc: 0.37 ng/ml



#14 Endrin

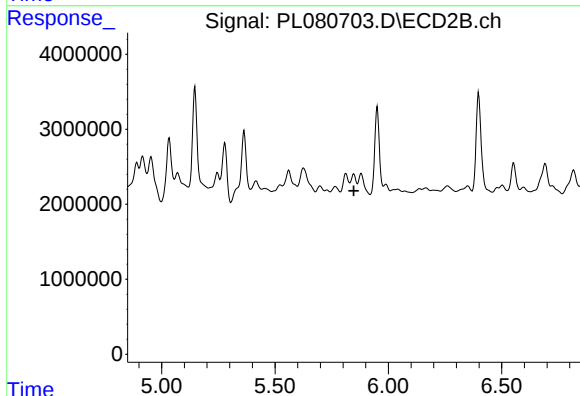
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 3413494
Conc: 1.47 ng/ml



#15 Endosulfan II

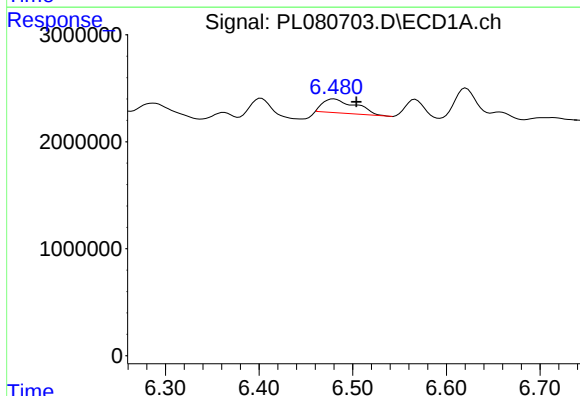
R.T.: 6.567 min
Delta R.T.: -0.013 min
Response: 2265709
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



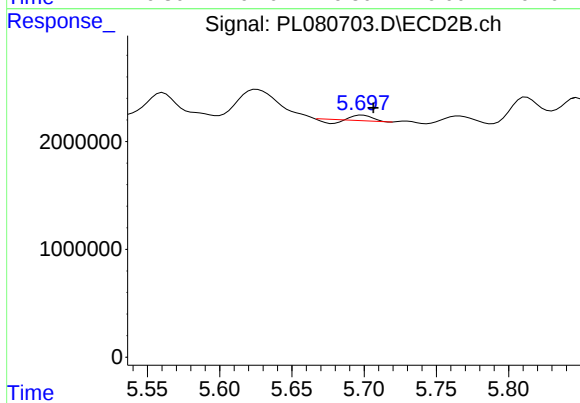
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: -30437
Conc: N.D.



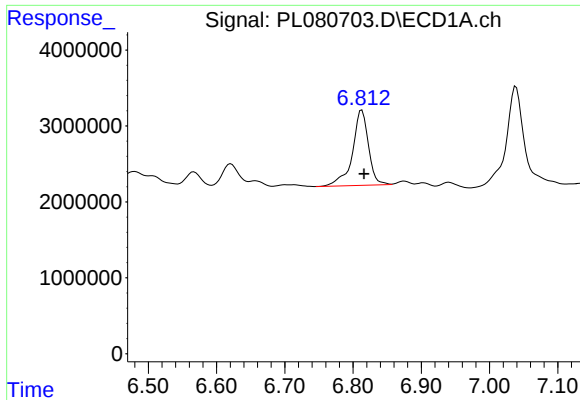
#16 4,4'-DDD

R.T.: 6.480 min
Delta R.T.: -0.024 min
Response: 3216229
Conc: 1.76 ng/ml



#16 4,4'-DDD

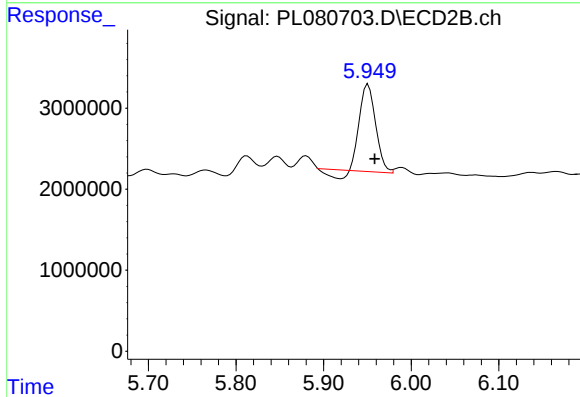
R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 239151
Conc: 0.13 ng/ml



#17 4,4'-DDT

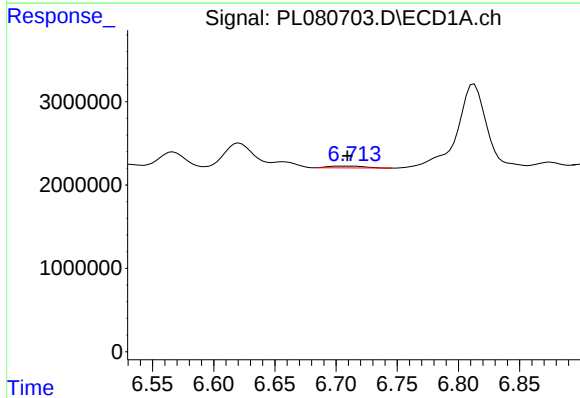
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 16158442
Conc: 7.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



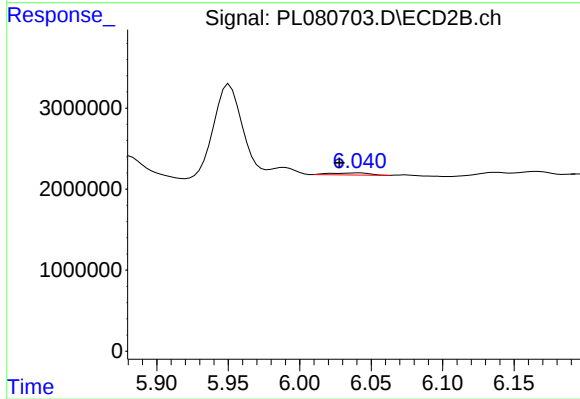
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 12840069
Conc: 6.11 ng/ml



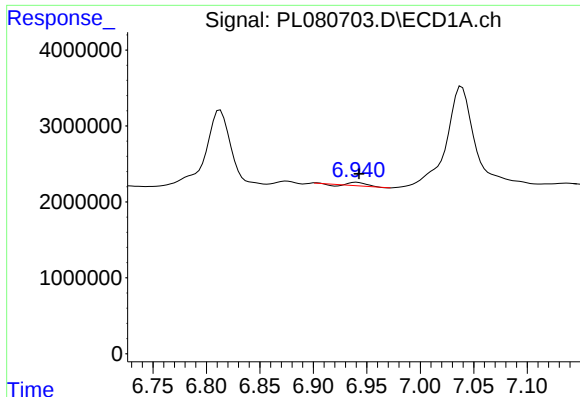
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 454422
Conc: 0.27 ng/ml



#18 Endrin aldehyde

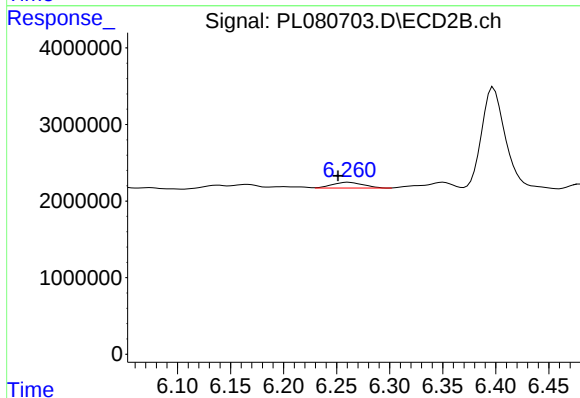
R.T.: 6.041 min
Delta R.T.: 0.013 min
Response: 474108
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

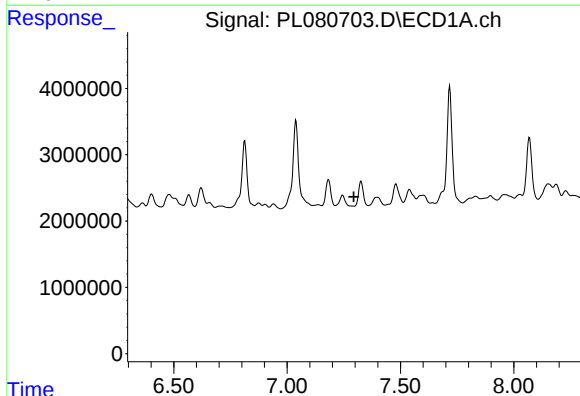
R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 430011
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



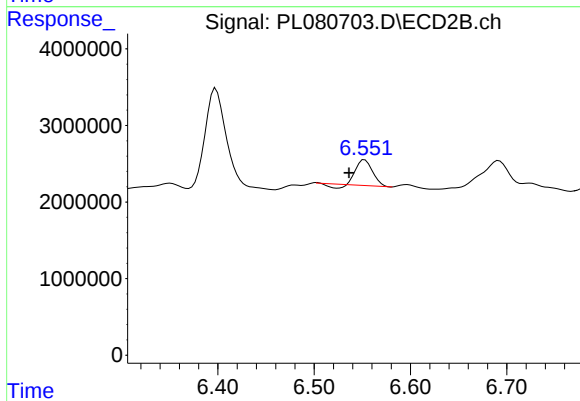
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: 0.010 min
Response: 1530881
Conc: 0.66 ng/ml



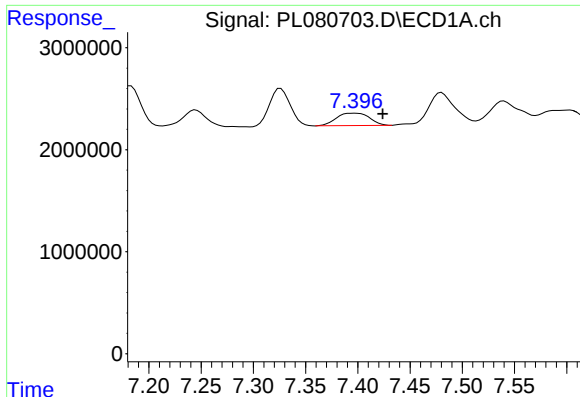
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.294 min
Response: 0
Conc: N.D.



#20 Methoxychlor

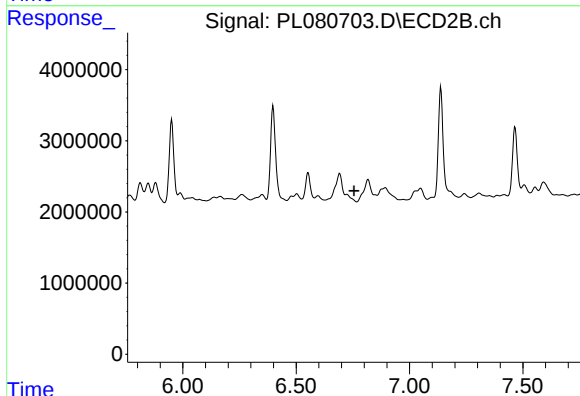
R.T.: 6.553 min
Delta R.T.: 0.016 min
Response: 3694584
Conc: 3.04 ng/ml



#21 Endrin ketone

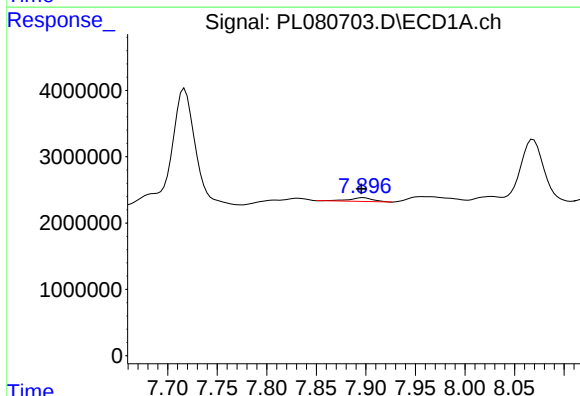
R.T.: 7.397 min
Delta R.T.: -0.027 min
Response: 2668631
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



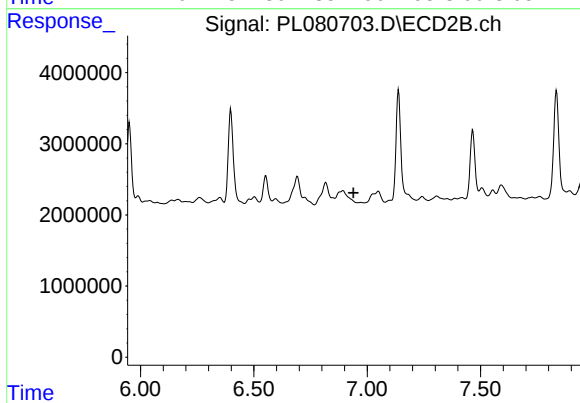
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.756 min
Response: 0
Conc: N.D.



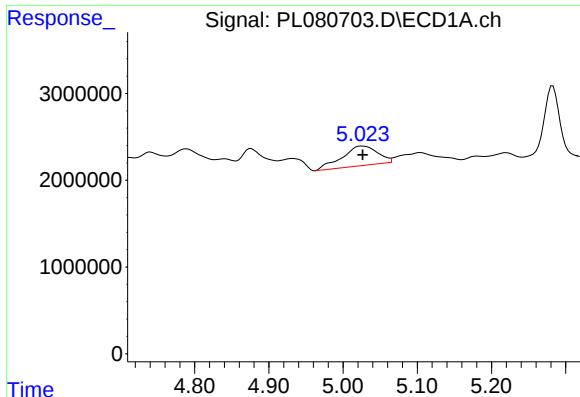
#22 Mirex

R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 946790
Conc: 0.55 ng/ml



#22 Mirex

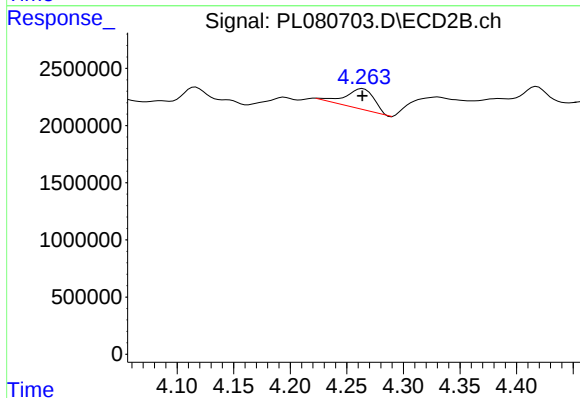
R.T.: 0.000 min
Exp R.T. : 6.940 min
Response: 0
Conc: N.D.



#24 Chlordane-2

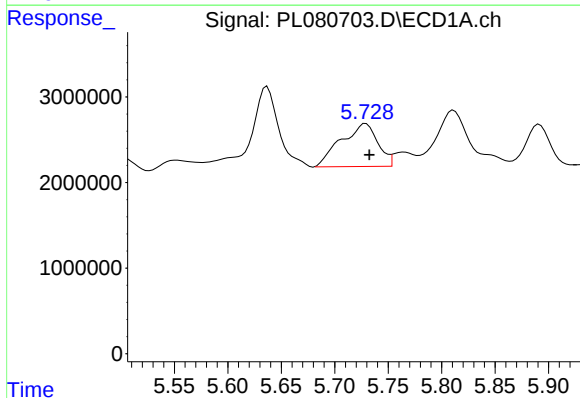
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 7474559
Conc: 77.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



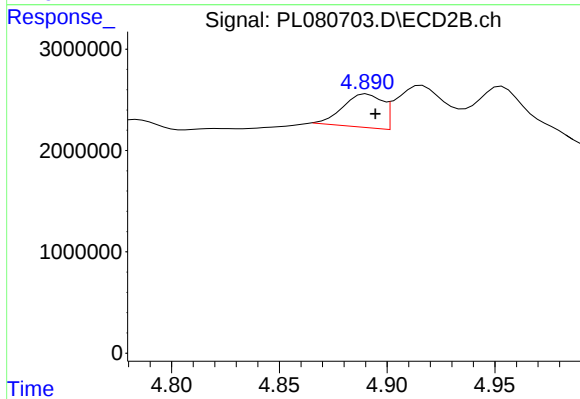
#24 Chlordane-2

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 3175774
Conc: 35.22 ng/ml



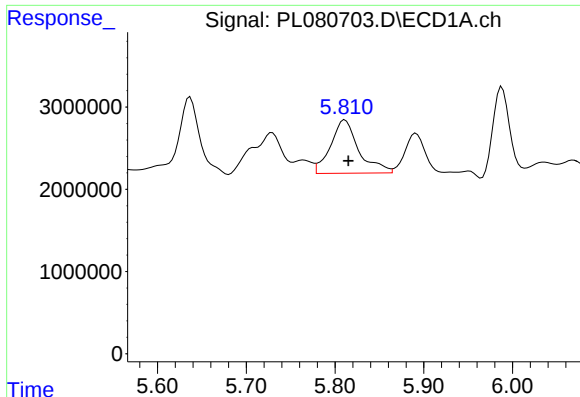
#25 Chlordane-3

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 11934845
Conc: 35.32 ng/ml



#25 Chlordane-3

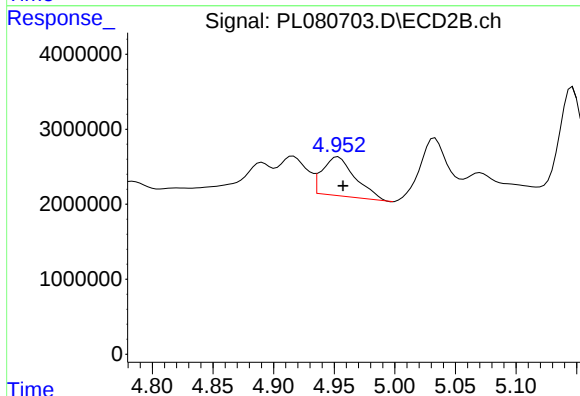
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 4200319
Conc: 15.93 ng/ml



#26 Chlordane-4

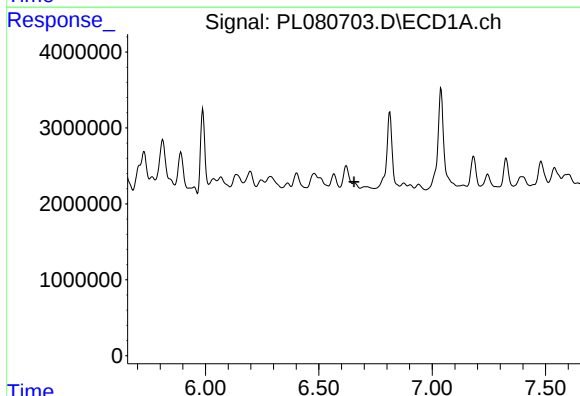
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 14318639
Conc: 33.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



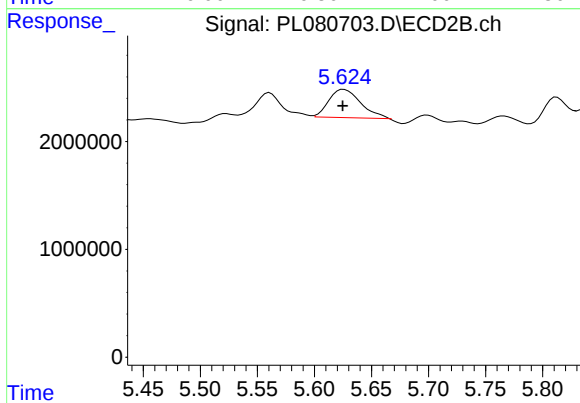
#26 Chlordane-4

R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 9747242
Conc: 36.20 ng/ml



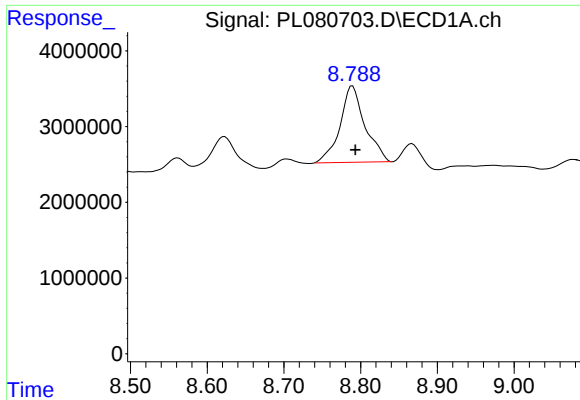
#27 Chlordane-5

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



#27 Chlordane-5

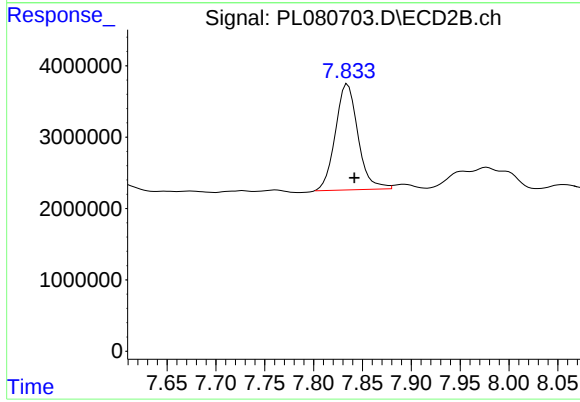
R.T.: 5.626 min
Delta R.T.: 0.001 min
Response: 5113192
Conc: 71.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 22885562
Conc: 13.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
NPHACK-SOIL-0201



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 23901735
Conc: 10.03 ng/ml