

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
 Data File : PL089404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 14:26
 Operator : AR\AJ
 Sample : P2404-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOP-SOIL-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 22:10:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	43176159	26703719	21.441	20.813
28)	SA Decachlor...	9.068	7.950	21439652	17634854	15.325	13.110
Target Compounds							
2)	A alpha-BHC	3.979f	3.303	4170822	106318	1.463	0.056 #
3)	MA gamma-BHC...	4.314f	3.648f	1909248	1801020	0.686	0.976 #
4)	MA Heptachlor	4.928	3.977	10056997	217193	4.055	0.124 #
5)	MB Aldrin	0.000	4.264	0	66567	N.D.	0.038 #
6)	B beta-BHC	4.546	3.940	731826	135314	0.580	0.166 #
7)	B delta-BHC	4.773	4.156	7850113	97824	2.960	0.054 #
8)	B Heptachlo...	5.698	4.759	14157510	692714	6.036	0.428 #
9)	A Endosulfan I	0.000	5.112f	0	257097	N.D.	0.172 #
10)	B gamma-Chl...	5.953	5.010	18624252	2870098	8.147	1.749 #
11)	B alpha-Chl...	6.037	5.073	23543329	4358269	10.350	2.643 #
12)	B 4,4'-DDE	6.204	5.262	7419515	3994944	3.667	2.748 #
13)	MA Dieldrin	6.358	5.399	359301	1054338	0.161	0.655 #
14)	MA Endrin	6.583	5.684f	239984	1323628	0.127	0.921 #
15)	B Endosulfa...	6.783f	5.970	763285	859280	0.382	0.597 #
16)	A 4,4'-DDD	6.730	5.821	1791520	555264	1.062	0.450 #
17)	MA 4,4'-DDT	7.033	6.068	5201005	2066648	2.828	1.527 #
19)	B Endosulfa...	7.179	6.355	3068397	1401954	1.696	1.011 #
20)	A Methoxychlor	0.000	6.619f	0	381387	N.D.	0.477 #
21)	B Endrin ke...	7.626f	6.868	2308309	70036	1.153	0.044 #
22)	Mirex	0.000	7.056	0	531923	N.D.	0.390 #
23)	Chlordane-1	4.713	3.801	1999842	423493	21.904	8.607 #
24)	Chlordane-2	5.239	4.383	26869051	1787877	255.667	28.105 #
25)	Chlordane-3	5.953	5.010	18624252	2870098	56.393	16.763 #
26)	Chlordane-4	6.037	5.073	23543329	4358269	57.757	27.096 #
27)	Chlordane-5	0.000	5.740	0	3462603	N.D.	67.658 #

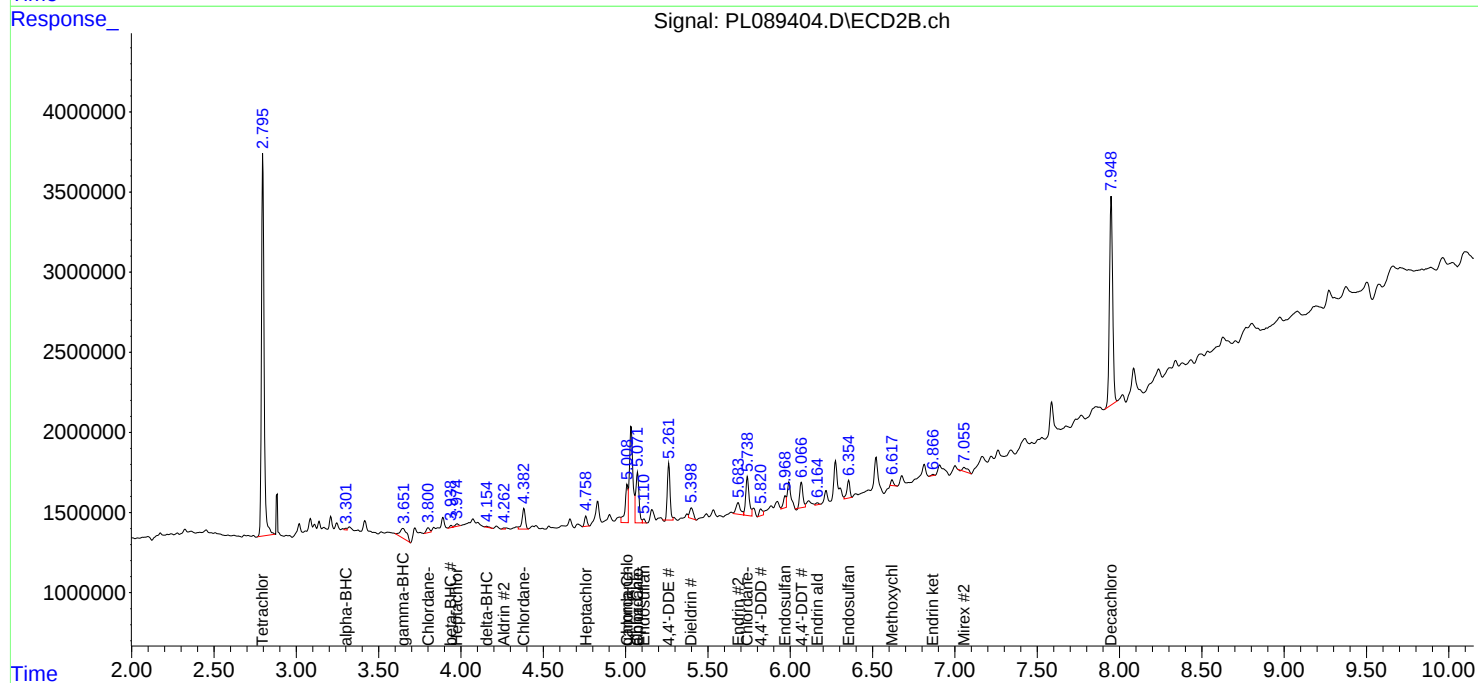
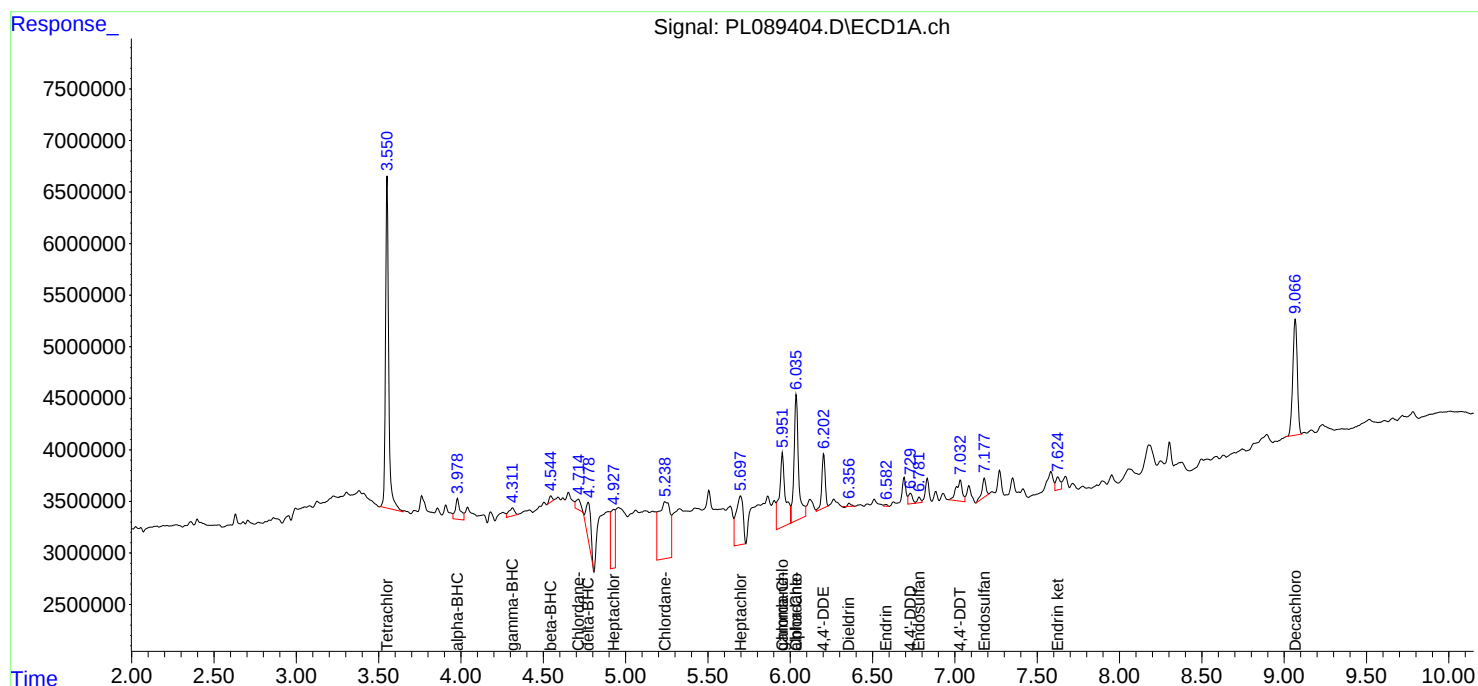
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

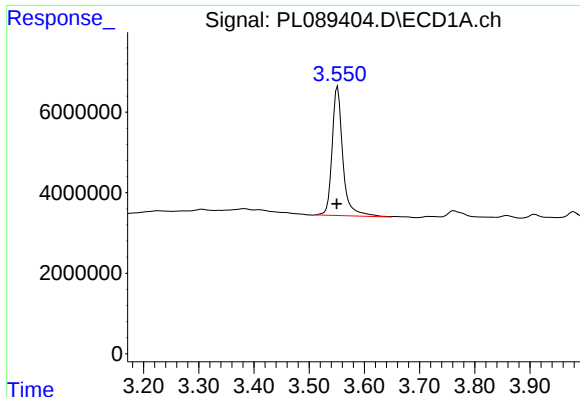
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
Data File : PL089404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2024 14:26
Operator : AR\AJ
Sample : P2404-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 22:10:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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

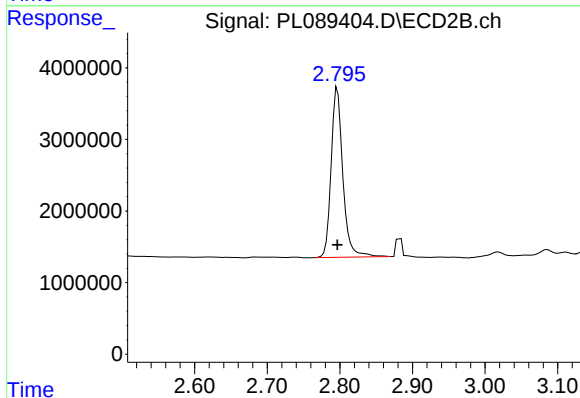




#1 Tetrachloro-m-xylene

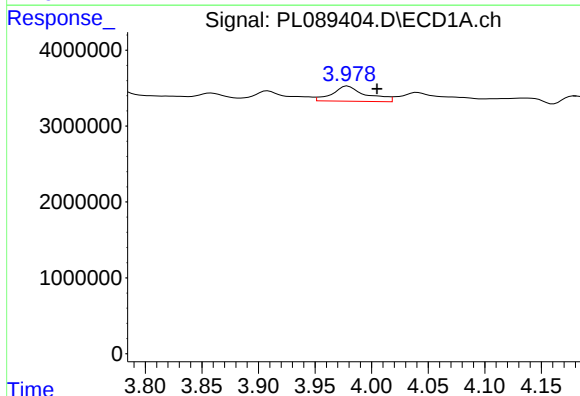
R.T.: 3.551 min
Delta R.T.: 0.002 min
Response: 43176159
Conc: 21.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



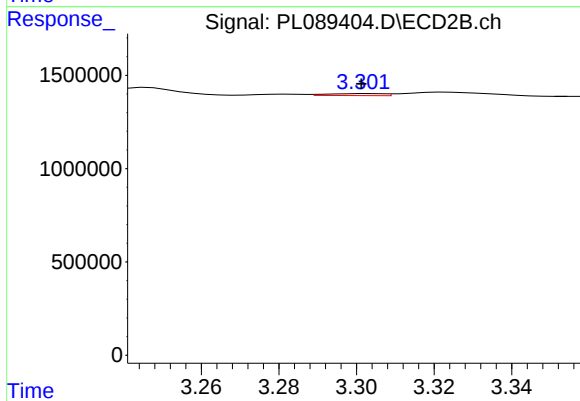
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26703719
Conc: 20.81 ng/ml



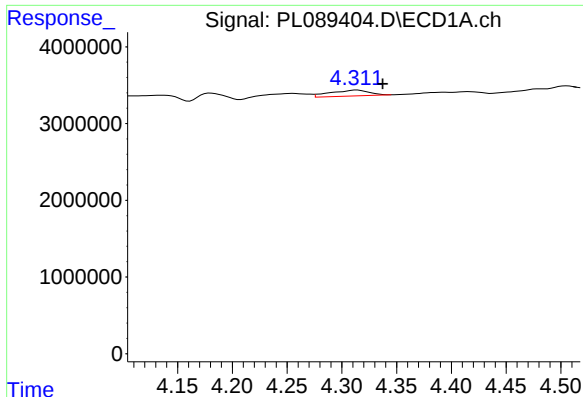
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.026 min
Response: 4170822
Conc: 1.46 ng/ml



#2 alpha-BHC

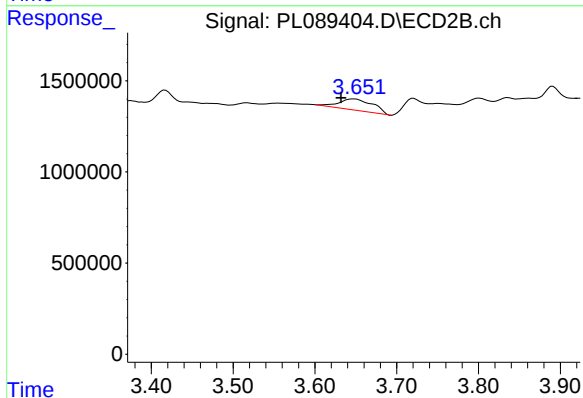
R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 106318
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

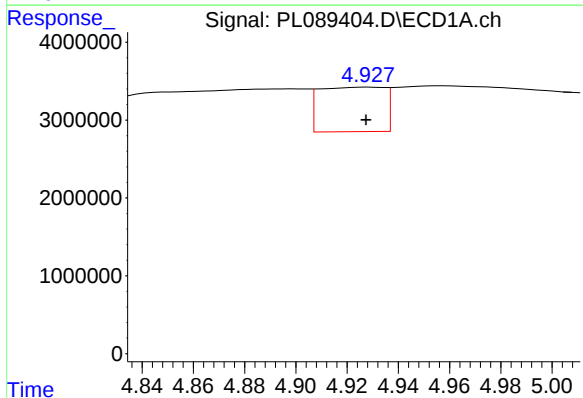
R.T.: 4.314 min
Delta R.T.: -0.024 min
Response: 1909248
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



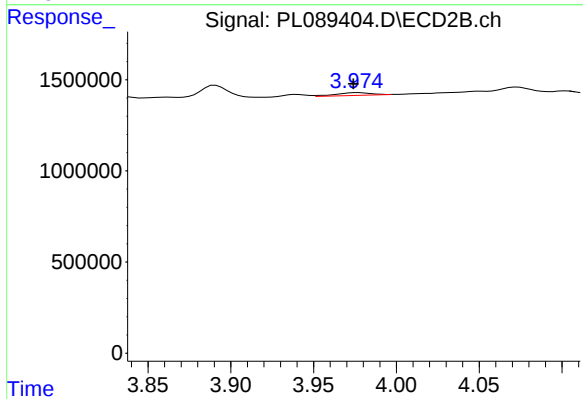
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.016 min
Response: 1801020
Conc: 0.98 ng/ml



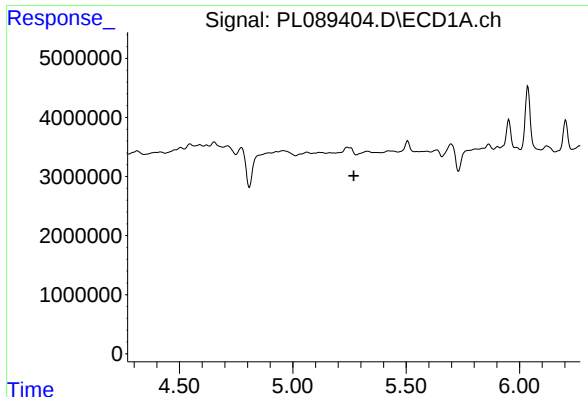
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 10056997
Conc: 4.06 ng/ml



#4 Heptachlor

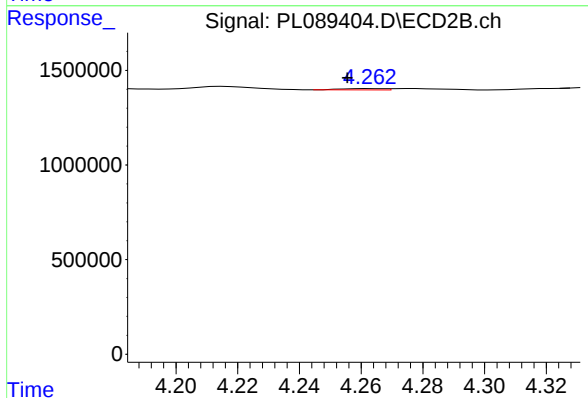
R.T.: 3.977 min
Delta R.T.: 0.003 min
Response: 217193
Conc: 0.12 ng/ml



#5 Aldrin

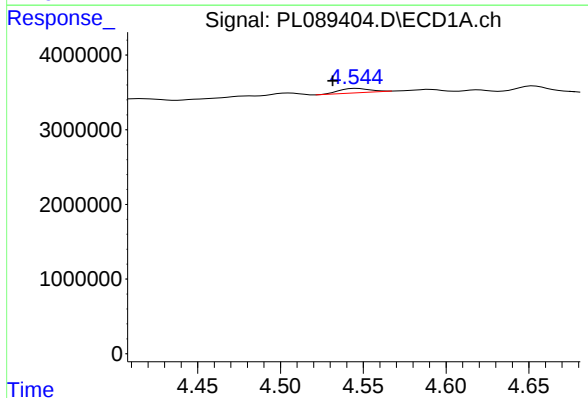
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



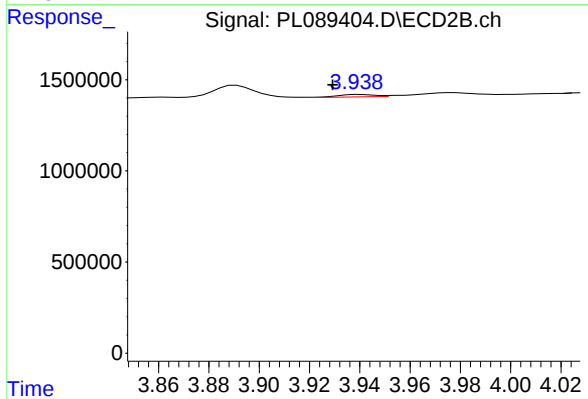
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.008 min
Response: 66567
Conc: 0.04 ng/ml



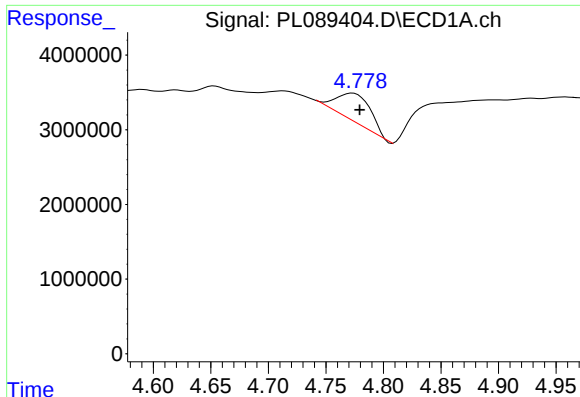
#6 beta-BHC

R.T.: 4.546 min
Delta R.T.: 0.015 min
Response: 731826
Conc: 0.58 ng/ml



#6 beta-BHC

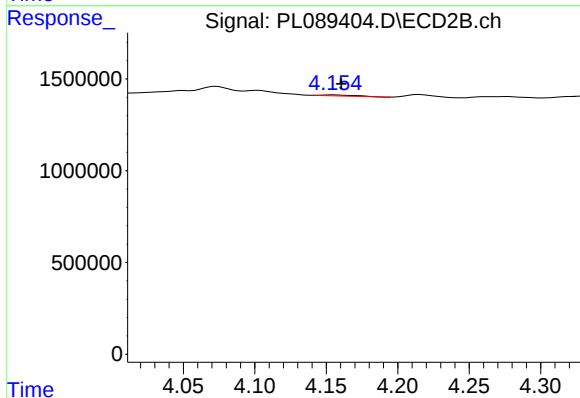
R.T.: 3.940 min
Delta R.T.: 0.011 min
Response: 135314
Conc: 0.17 ng/ml



#7 delta-BHC

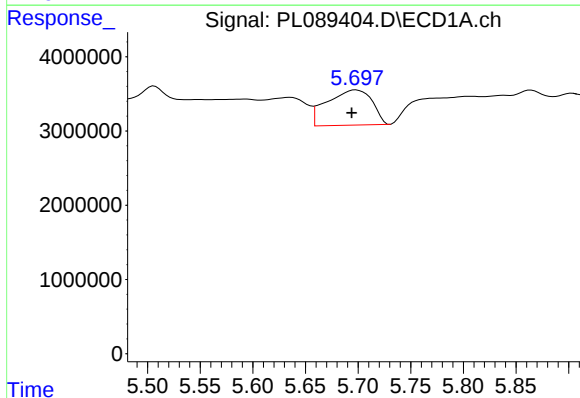
R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 7850113
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



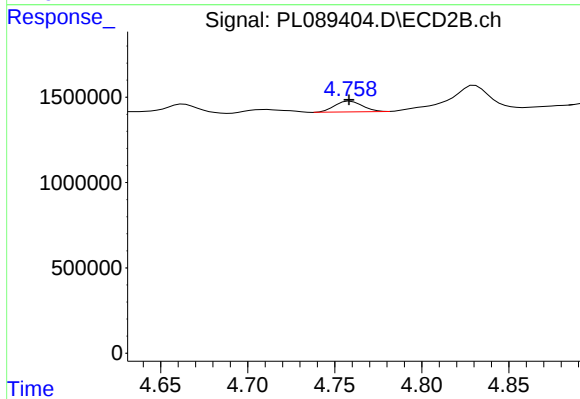
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: -0.005 min
Response: 97824
Conc: 0.05 ng/ml



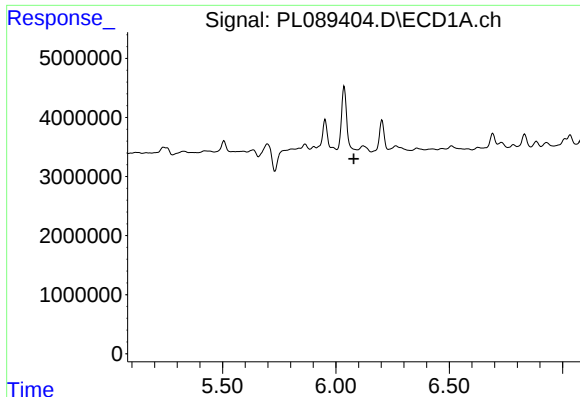
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.004 min
Response: 14157510
Conc: 6.04 ng/ml



#8 Heptachlor epoxide

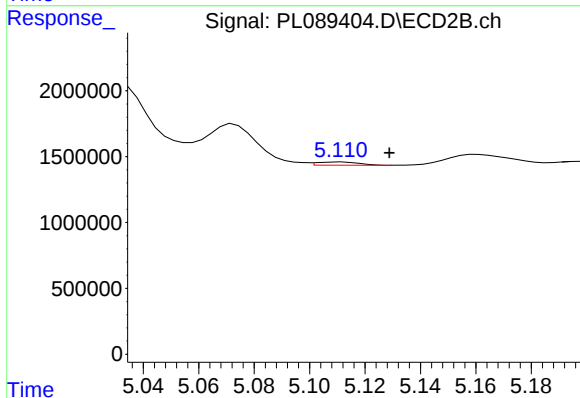
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 692714
Conc: 0.43 ng/ml



#9 Endosulfan I

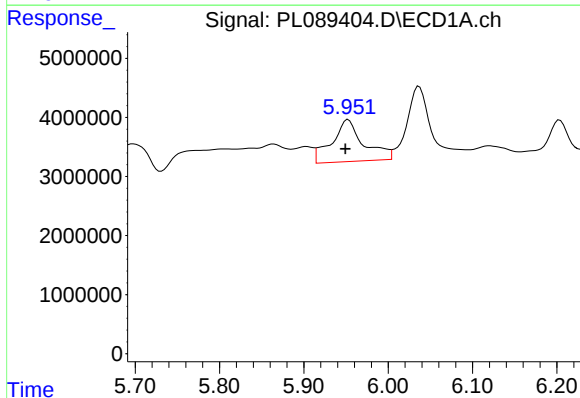
R.T.: 0.000 min
Exp R.T.: 6.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



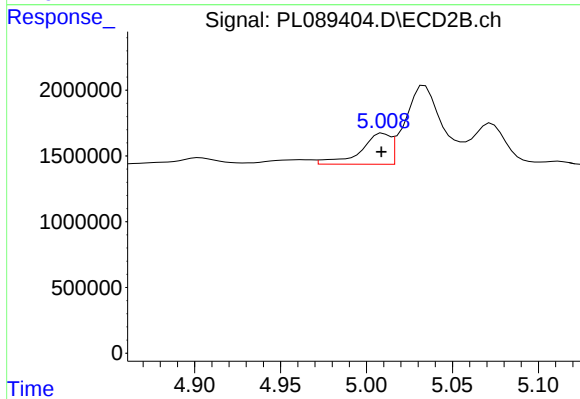
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.017 min
Response: 257097
Conc: 0.17 ng/ml



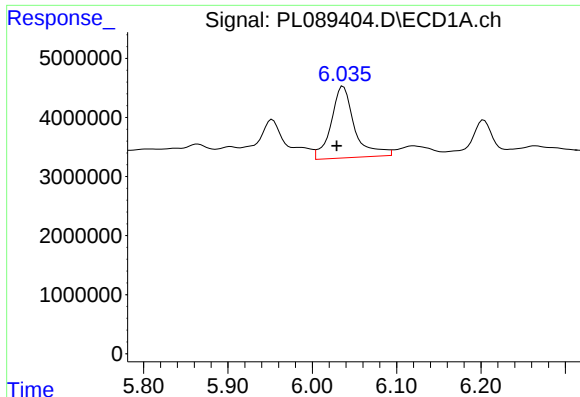
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 18624252
Conc: 8.15 ng/ml



#10 gamma-Chlordane

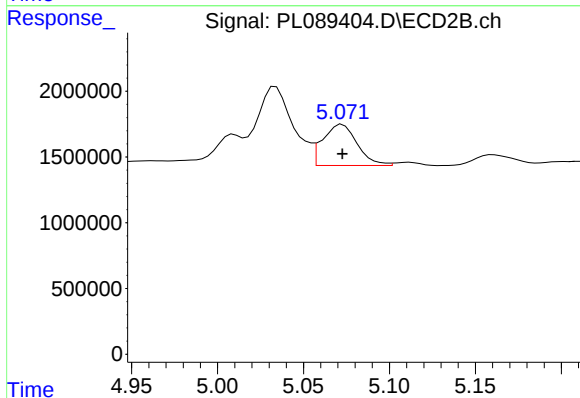
R.T.: 5.010 min
Delta R.T.: 0.001 min
Response: 2870098
Conc: 1.75 ng/ml



#11 alpha-Chlordane

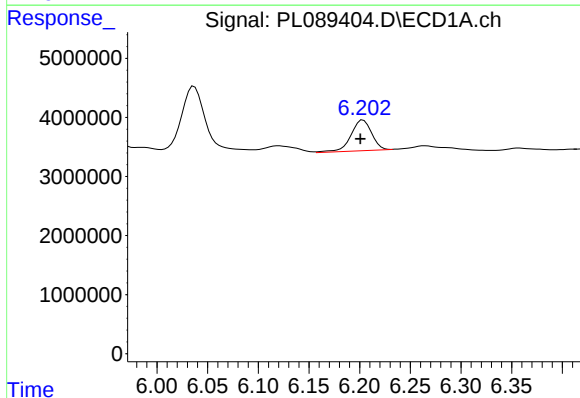
R.T.: 6.037 min
Delta R.T.: 0.008 min
Response: 23543329
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



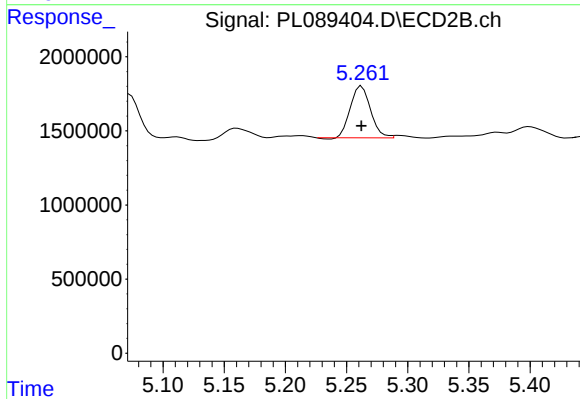
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4358269
Conc: 2.64 ng/ml



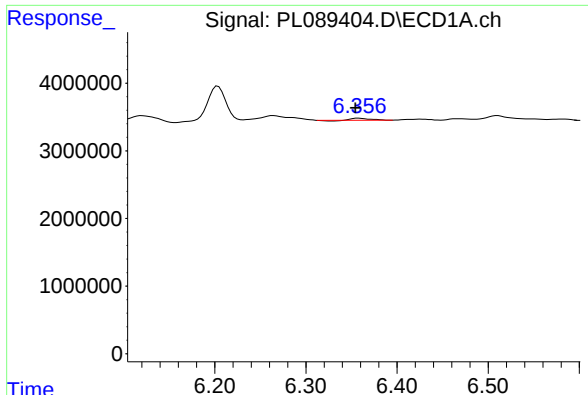
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 7419515
Conc: 3.67 ng/ml



#12 4,4'-DDE

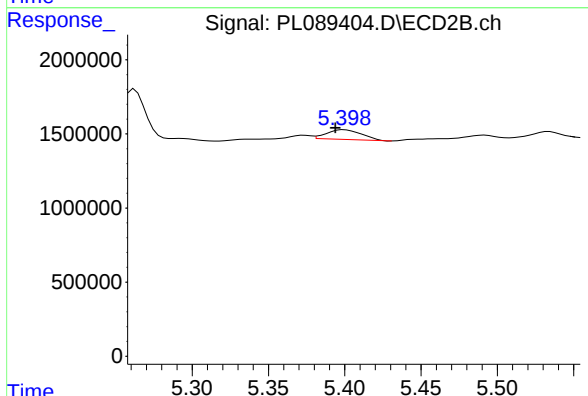
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 3994944
Conc: 2.75 ng/ml



#13 Dieldrin

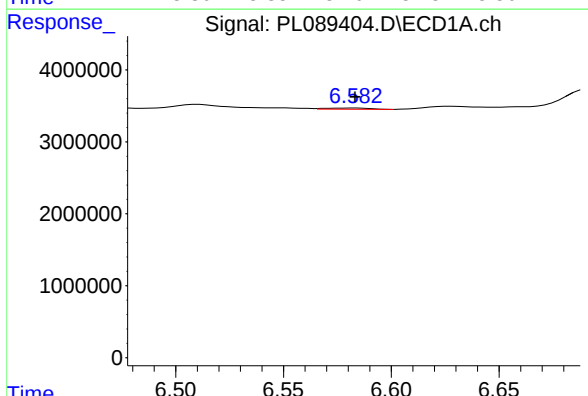
R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 359301
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



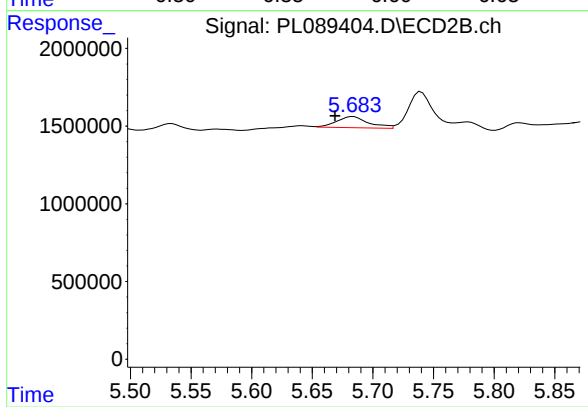
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: 0.006 min
Response: 1054338
Conc: 0.66 ng/ml



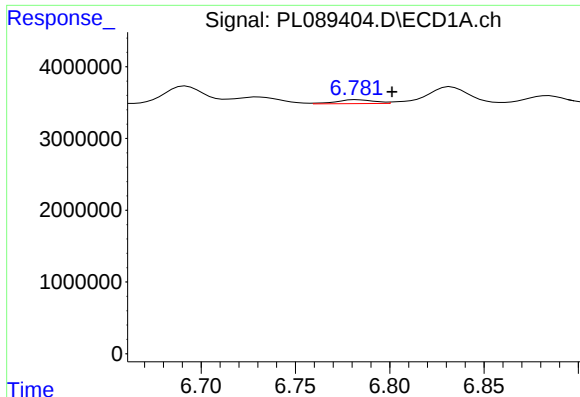
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 239984
Conc: 0.13 ng/ml



#14 Endrin

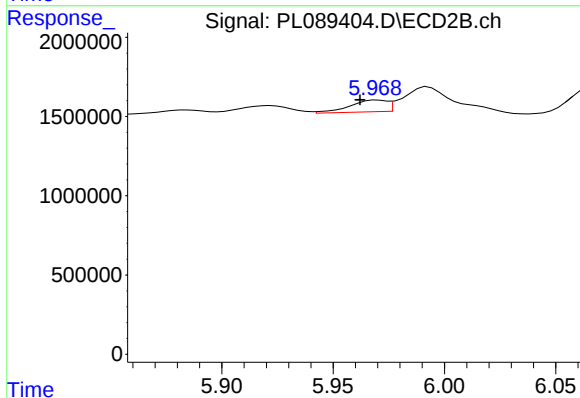
R.T.: 5.684 min
Delta R.T.: 0.015 min
Response: 1323628
Conc: 0.92 ng/ml



#15 Endosulfan II

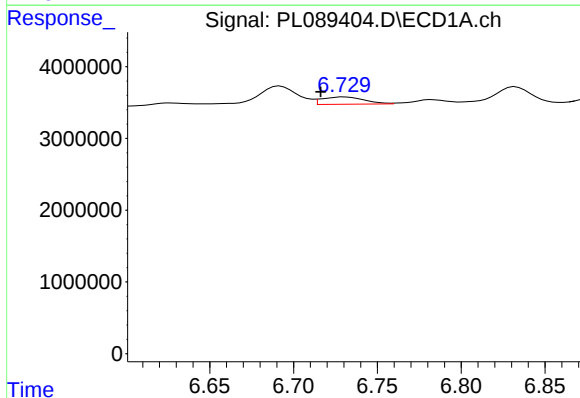
R.T.: 6.783 min
Delta R.T.: -0.018 min
Response: 763285
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



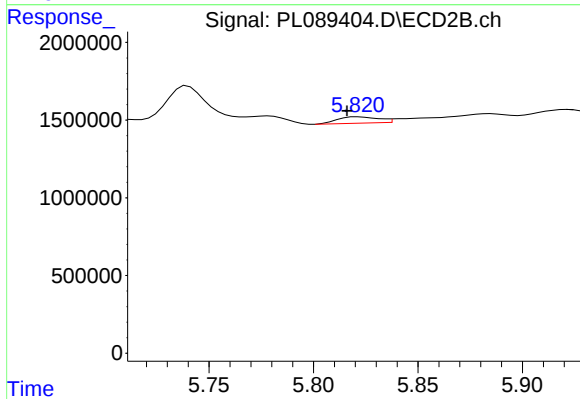
#15 Endosulfan II

R.T.: 5.970 min
Delta R.T.: 0.008 min
Response: 859280
Conc: 0.60 ng/ml



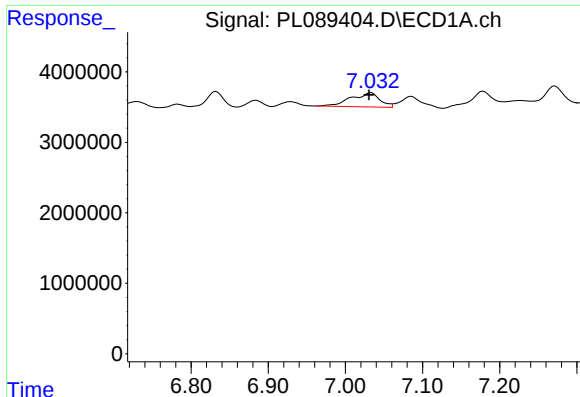
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.014 min
Response: 1791520
Conc: 1.06 ng/ml



#16 4,4'-DDD

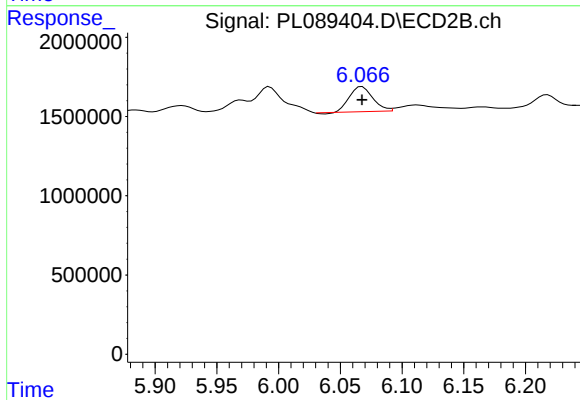
R.T.: 5.821 min
Delta R.T.: 0.005 min
Response: 555264
Conc: 0.45 ng/ml



#17 4,4'-DDT

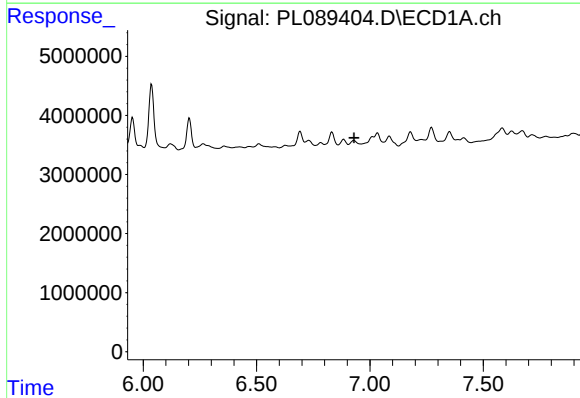
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 5201005
Conc: 2.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



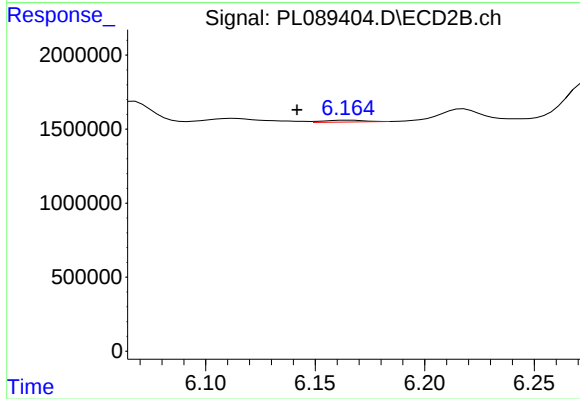
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 2066648
Conc: 1.53 ng/ml



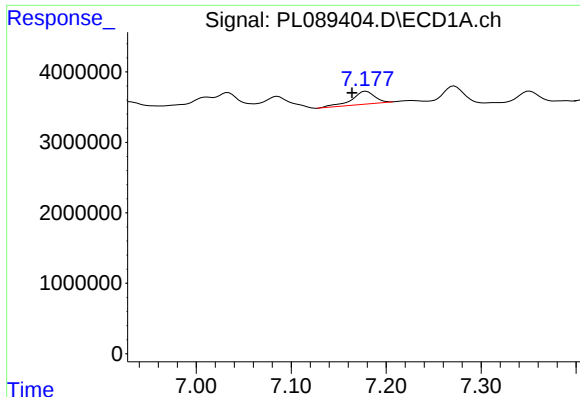
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: -263685
Conc: N.D.



#18 Endrin aldehyde

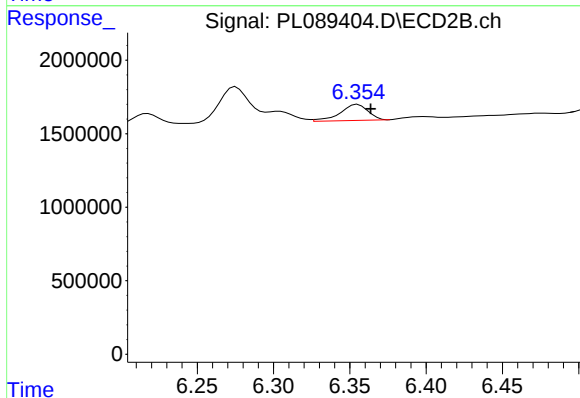
R.T.: 6.165 min
Delta R.T.: 0.024 min
Response: 151581
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

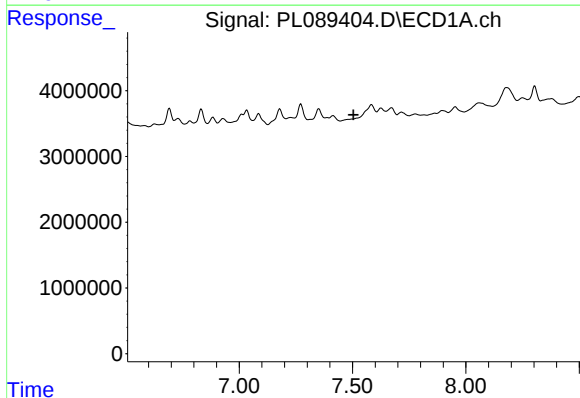
R.T.: 7.179 min
Delta R.T.: 0.015 min
Response: 3068397
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



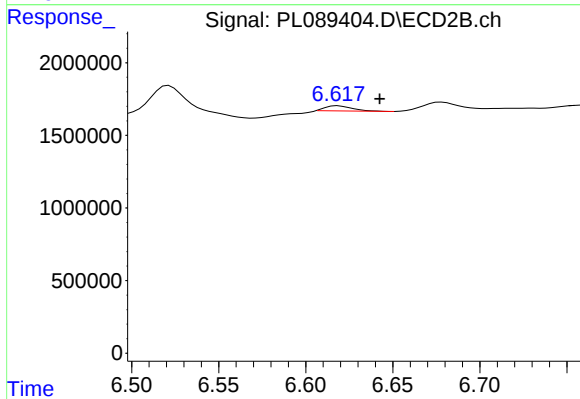
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.009 min
Response: 1401954
Conc: 1.01 ng/ml



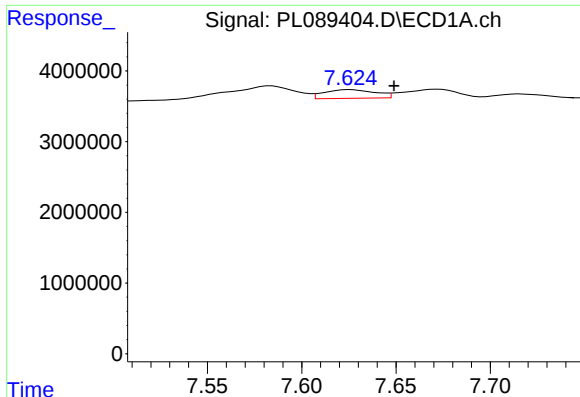
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 Methoxychlor

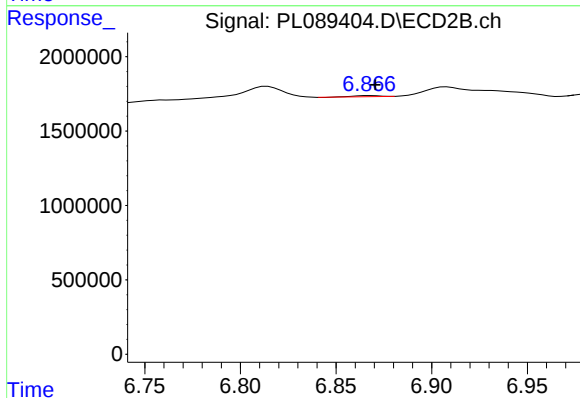
R.T.: 6.619 min
Delta R.T.: -0.024 min
Response: 381387
Conc: 0.48 ng/ml



#21 Endrin ketone

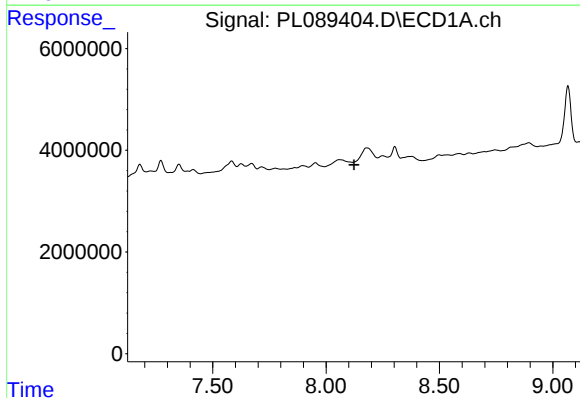
R.T.: 7.626 min
Delta R.T.: -0.023 min
Response: 2308309
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



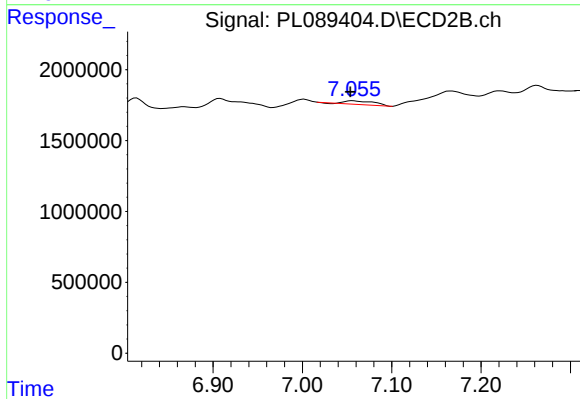
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: -0.003 min
Response: 70036
Conc: 0.04 ng/ml



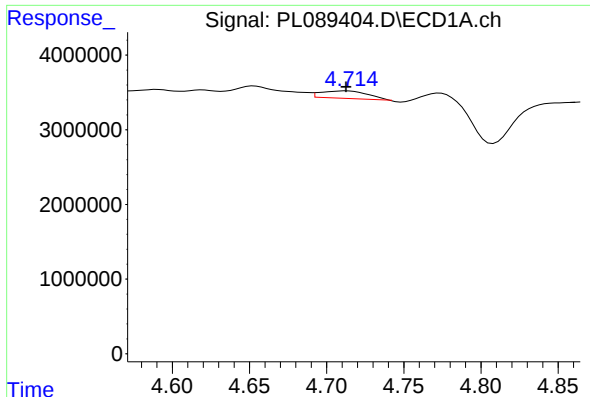
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.



#22 Mirex

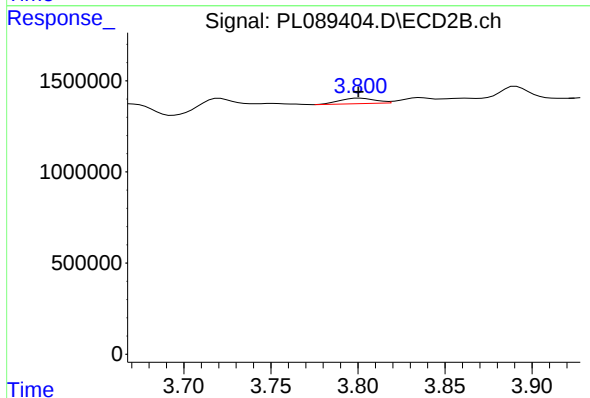
R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 531923
Conc: 0.39 ng/ml



#23 Chlordane-1

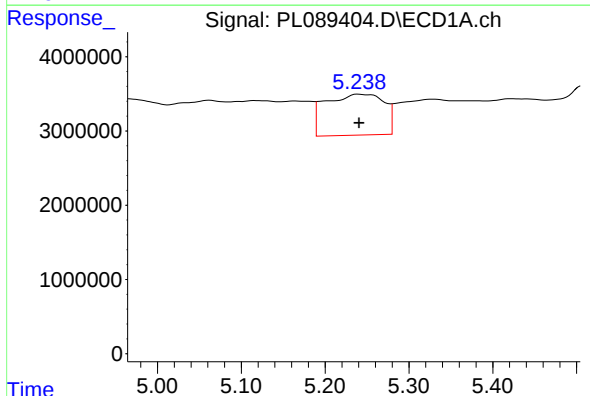
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 1999842
Conc: 21.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



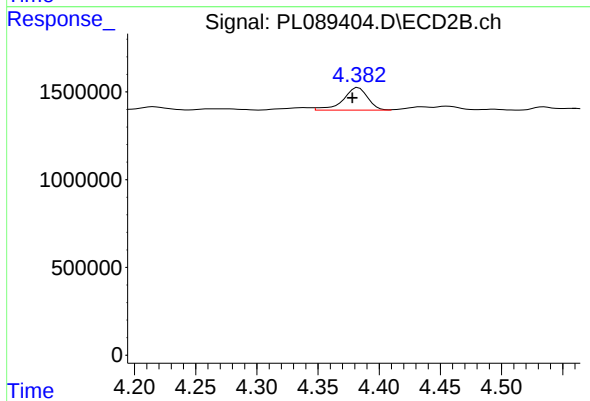
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.001 min
Response: 423493
Conc: 8.61 ng/ml



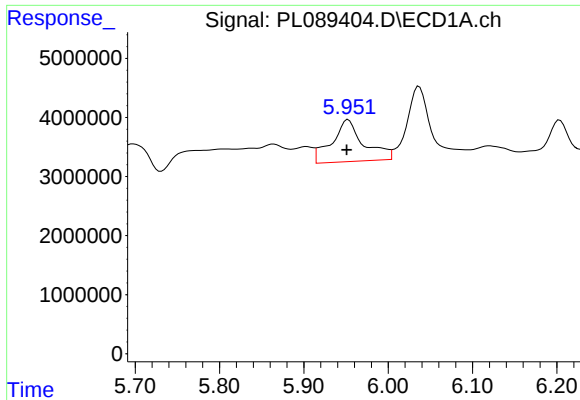
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 26869051
Conc: 255.67 ng/ml



#24 Chlordane-2

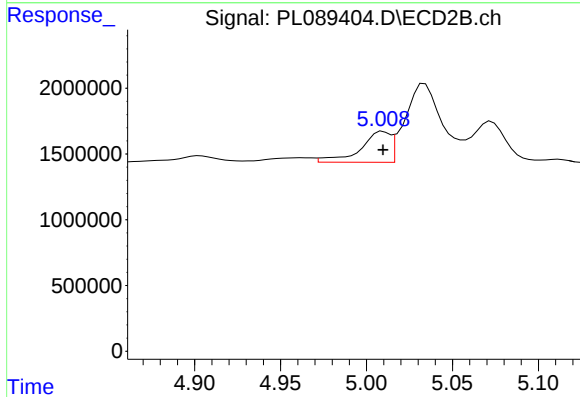
R.T.: 4.383 min
Delta R.T.: 0.005 min
Response: 1787877
Conc: 28.10 ng/ml



#25 Chlordane-3

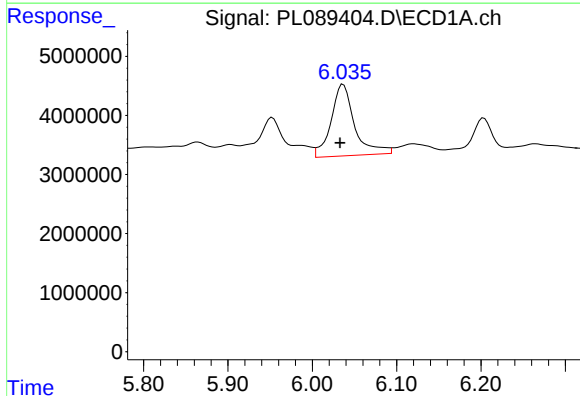
R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 18624252
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



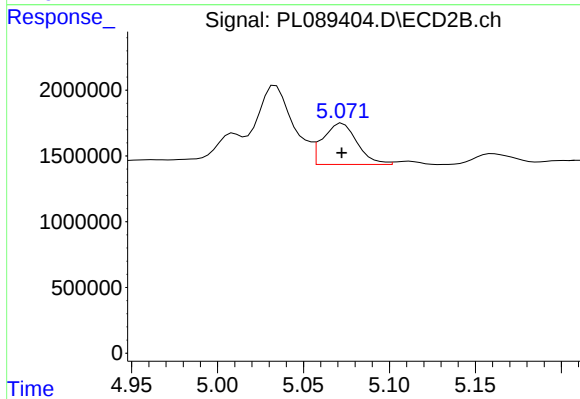
#25 Chlordane-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 2870098
Conc: 16.76 ng/ml



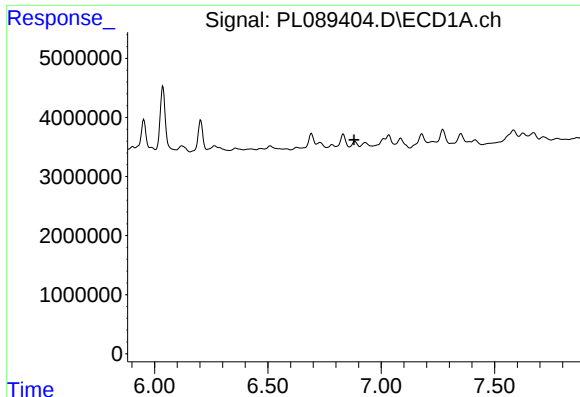
#26 Chlordane-4

R.T.: 6.037 min
Delta R.T.: 0.004 min
Response: 23543329
Conc: 57.76 ng/ml



#26 Chlordane-4

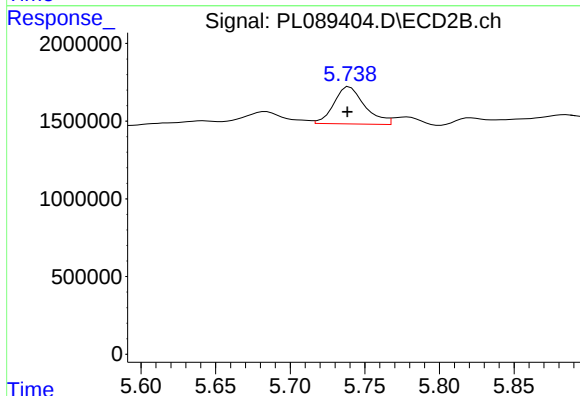
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4358269
Conc: 27.10 ng/ml



#27 Chlordane-5

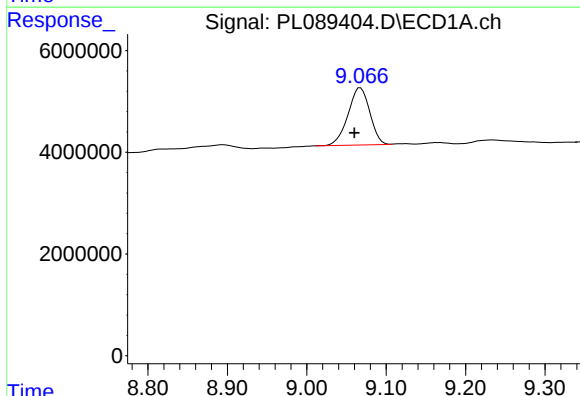
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2



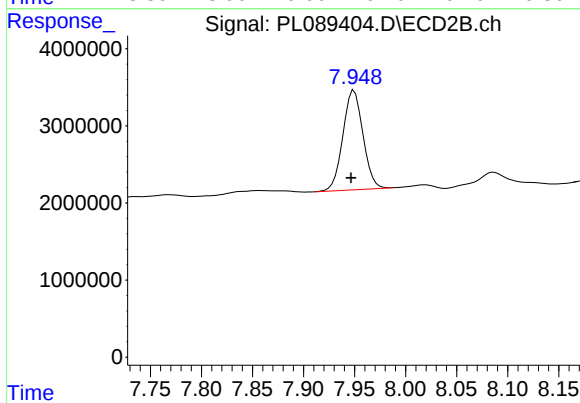
#27 Chlordane-5

R.T.: 5.740 min
Delta R.T.: 0.001 min
Response: 3462603
Conc: 67.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.007 min
Response: 21439652
Conc: 15.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 17634854
Conc: 13.11 ng/ml