

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
 Data File : PL089403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 14:12
 Operator : AR\AJ
 Sample : P2404-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOP-SOIL-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 22:09:55 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	47005205	29498270	23.343	22.991
28)	SA Decachlor...	9.069	7.949	25838278	22949866	18.469	17.061
Target Compounds							
2)	A alpha-BHC	3.978f	3.294	624284	125768	0.219	0.067 #
3)	MA gamma-BHC...	4.314f	3.642	2462185	2075093	0.884	1.125 #
4)	MA Heptachlor	4.929	3.976	9015380	364157	3.635	0.208 #
5)	MB Aldrin	0.000	4.262	0	408639	N.D.	0.231 #
6)	B beta-BHC	4.547f	3.941	3187786	266815	2.527	0.327 #
7)	B delta-BHC	4.774	4.160	6507492	190989	2.454	0.106 #
8)	B Heptachlo...	5.700	4.759	9924385	251135	4.231	0.155 #
9)	A Endosulfan I	0.000	5.158f	0	6001808	N.D.	4.007 #
10)	B gamma-Chl...	5.952	5.011	8582335	3158491	3.754	1.925 #
11)	B alpha-Chl...	6.035	5.073	12044730	4025057	5.295	2.441 #
12)	B 4,4'-DDE	6.186	5.263	1085282	1499439	0.536	1.031 #
13)	MA Dieldrin	6.357	5.401	223120	3154125	0.100	1.961 #
14)	MA Endrin	6.581	5.681	204543	1266785	0.108	0.881 #
15)	B Endosulfa...	6.788	5.971	350408	821397	0.176	0.571 #
16)	A 4,4'-DDD	6.719	5.822	2696915	705485	1.599	0.572 #
17)	MA 4,4'-DDT	7.034	6.068	3377007	1500184	1.836	1.109 #
18)	B Endrin al...	6.938	6.138	444897	34342	0.294	0.031 #
19)	B Endosulfa...	7.179f	6.355	2909315	896024	1.608	0.646 #
20)	A Methoxychlor	7.512	6.619f	540134	170353	0.549	0.213 #
21)	B Endrin ke...	7.673f	0.000	3790003	0	1.893	N.D. #
22)	Mirex	8.130	7.055	72921	442544	0.047	0.324 #
23)	Chlordane-1	4.712	3.809	1117852	498690	12.244	10.136
24)	Chlordane-2	5.238	4.380	20171812	614434	191.941	9.659 #
25)	Chlordane-3	5.952	5.011	8582335	3158491	25.987	18.447 #
26)	Chlordane-4	6.035	5.073	12044730	4025057	29.549	25.025
27)	Chlordane-5	0.000	5.742	0	2990900	N.D.	58.441 #

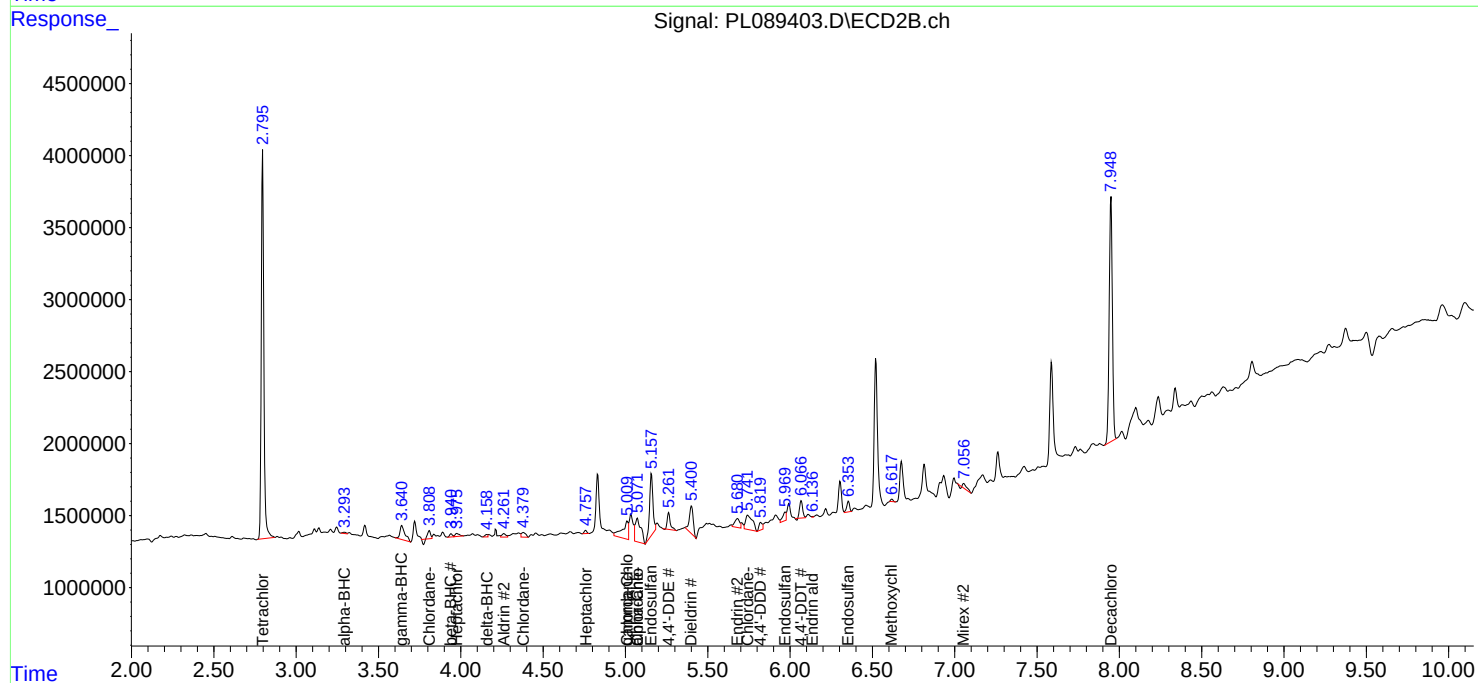
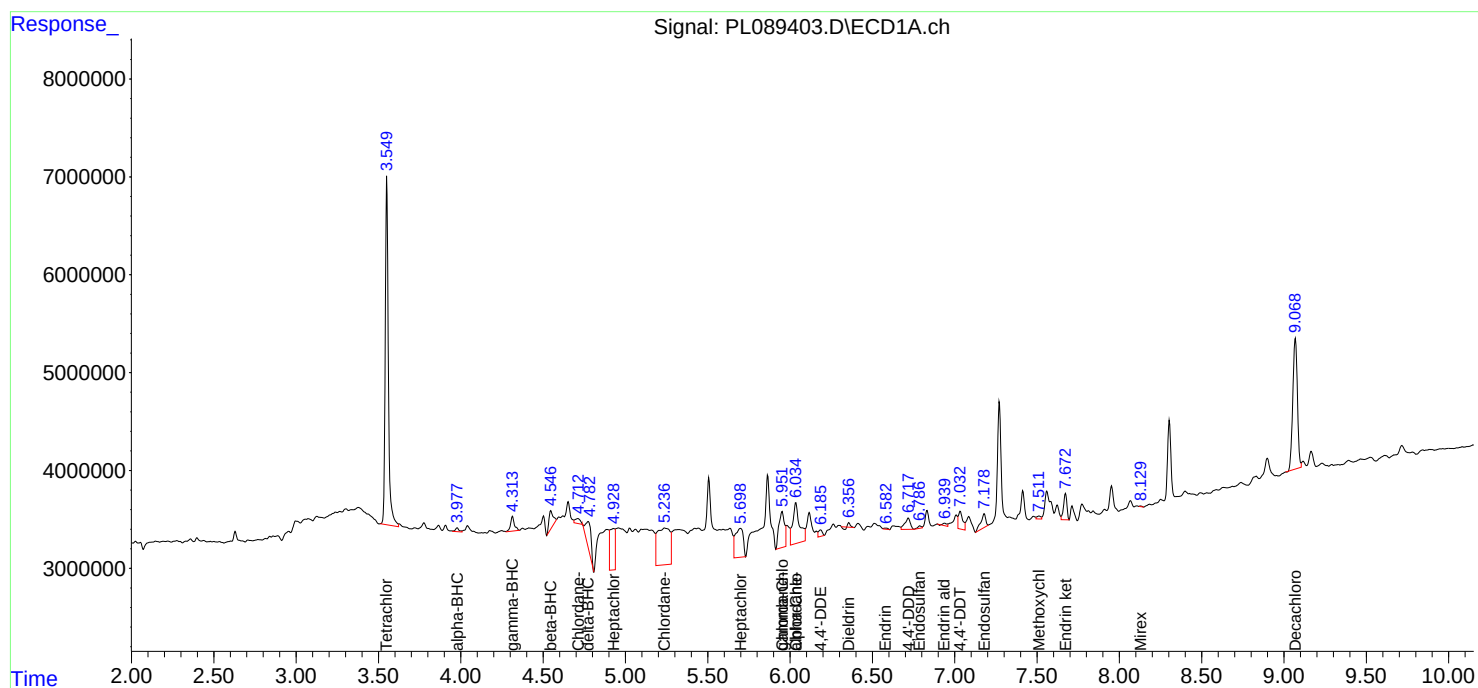
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

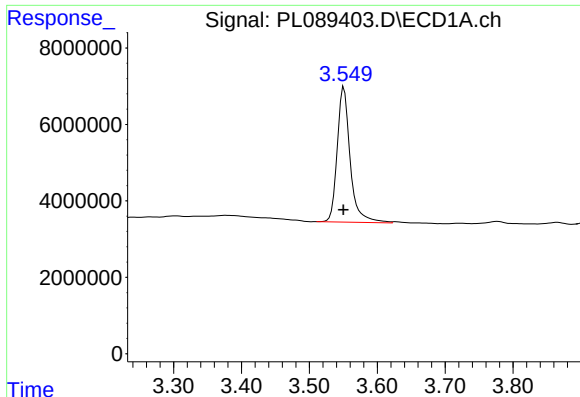
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
Data File : PL089403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2024 14:12
Operator : AR\AJ
Sample : P2404-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 22:09:55 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

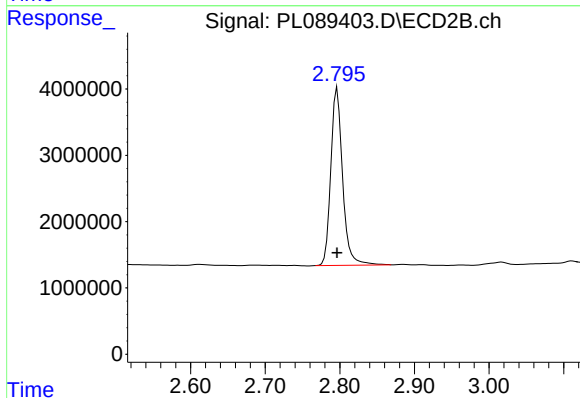




#1 Tetrachloro-m-xylene

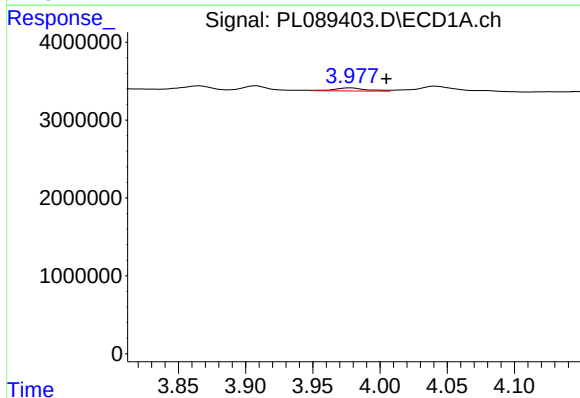
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47005205
Conc: 23.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



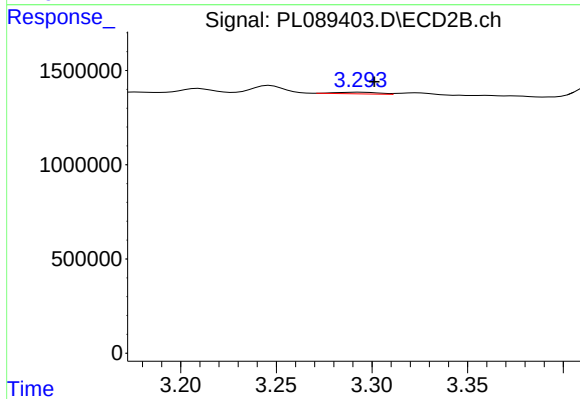
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29498270
Conc: 22.99 ng/ml



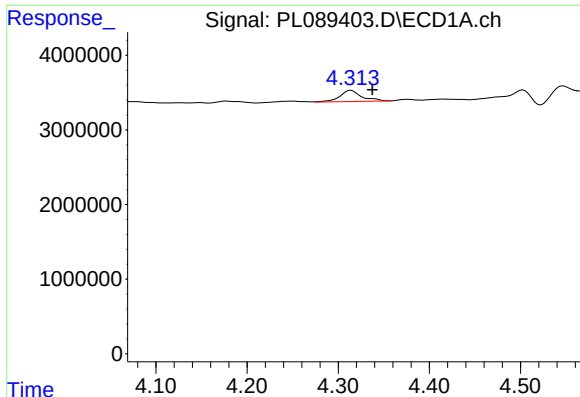
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.026 min
Response: 624284
Conc: 0.22 ng/ml



#2 alpha-BHC

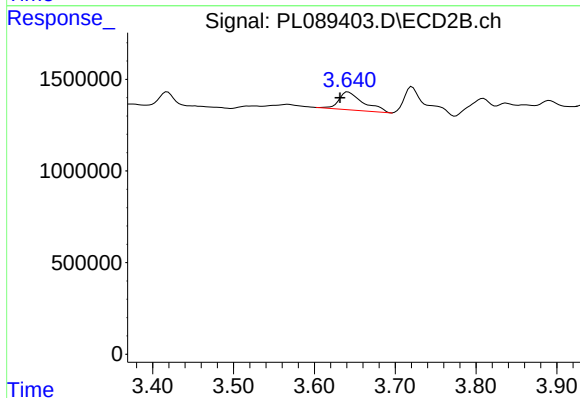
R.T.: 3.294 min
Delta R.T.: -0.007 min
Response: 125768
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

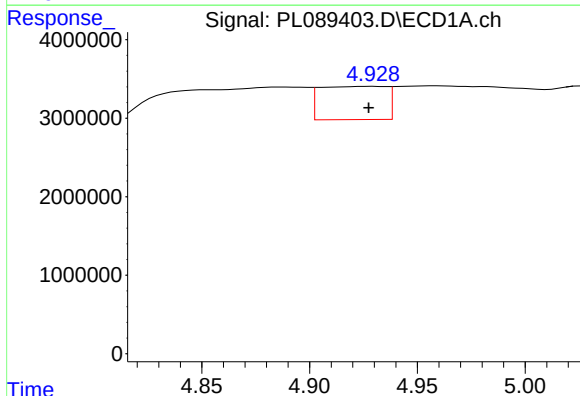
R.T.: 4.314 min
Delta R.T.: -0.023 min
Response: 2462185
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



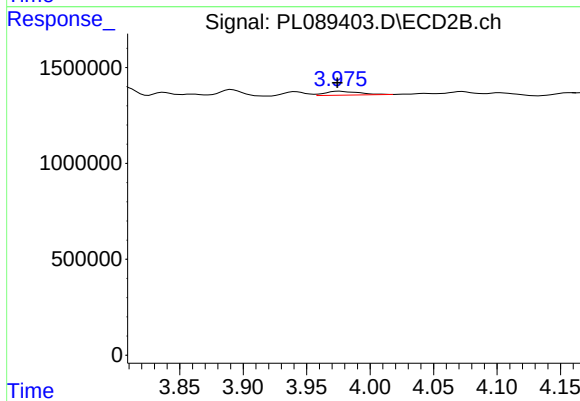
#3 gamma-BHC (Lindane)

R.T.: 3.642 min
Delta R.T.: 0.010 min
Response: 2075093
Conc: 1.12 ng/ml



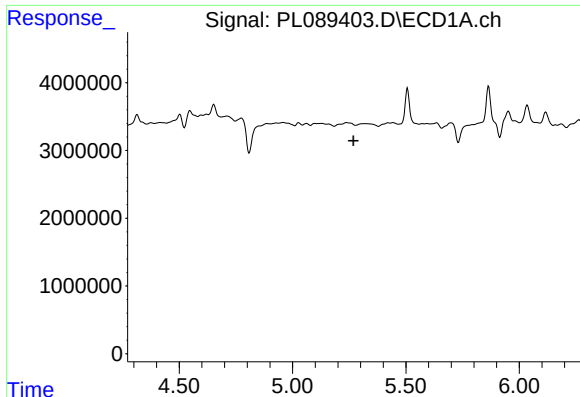
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 9015380
Conc: 3.64 ng/ml



#4 Heptachlor

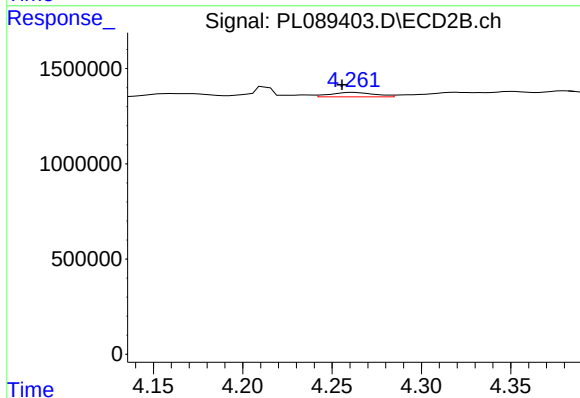
R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 364157
Conc: 0.21 ng/ml



#5 Aldrin

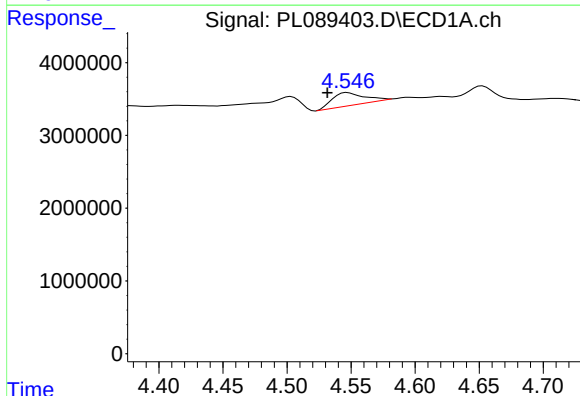
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



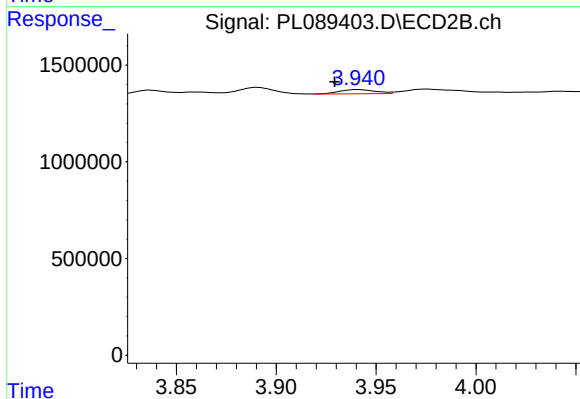
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: 0.006 min
Response: 408639
Conc: 0.23 ng/ml



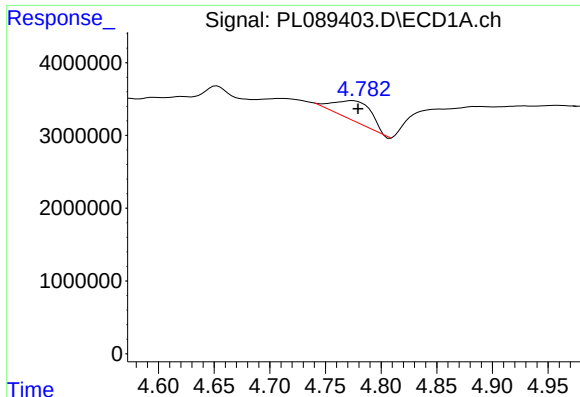
#6 beta-BHC

R.T.: 4.547 min
Delta R.T.: 0.016 min
Response: 3187786
Conc: 2.53 ng/ml



#6 beta-BHC

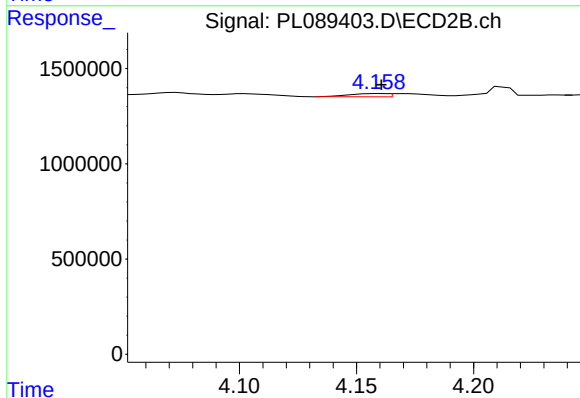
R.T.: 3.941 min
Delta R.T.: 0.012 min
Response: 266815
Conc: 0.33 ng/ml



#7 delta-BHC

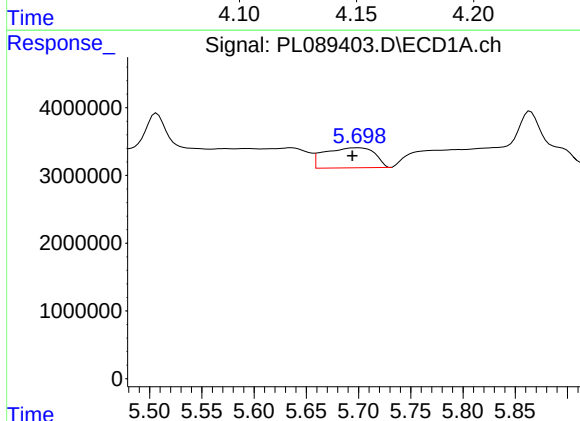
R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 6507492
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



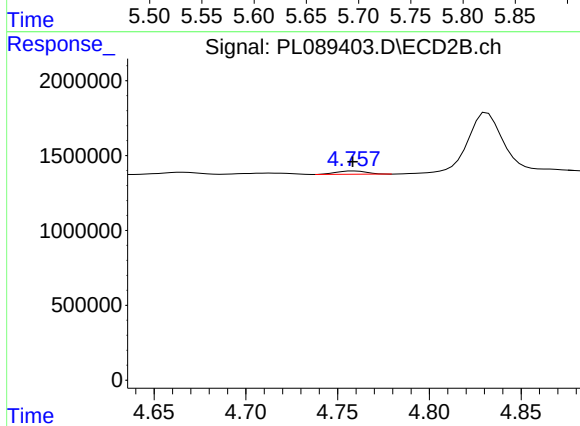
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.001 min
Response: 190989
Conc: 0.11 ng/ml



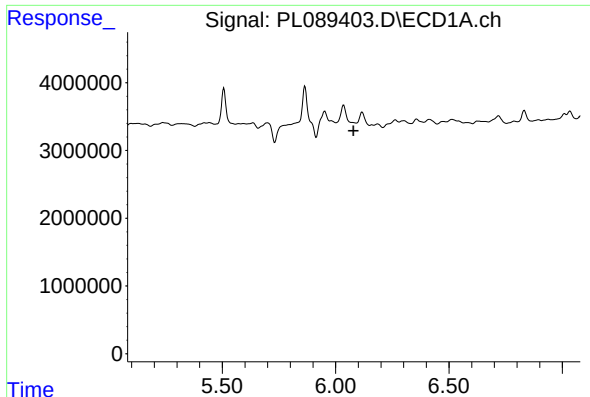
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.006 min
Response: 9924385
Conc: 4.23 ng/ml



#8 Heptachlor epoxide

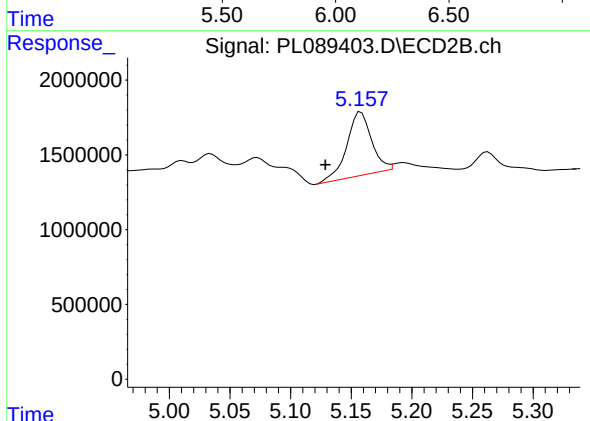
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 251135
Conc: 0.16 ng/ml



#9 Endosulfan I

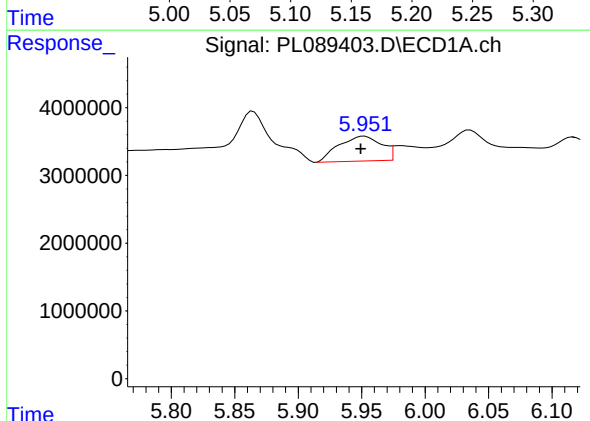
R.T.: 0.000 min
Exp R.T.: 6.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



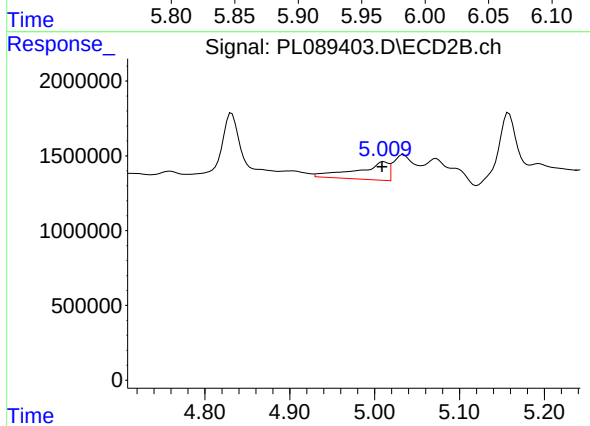
#9 Endosulfan I

R.T.: 5.158 min
Delta R.T.: 0.029 min
Response: 6001808
Conc: 4.01 ng/ml



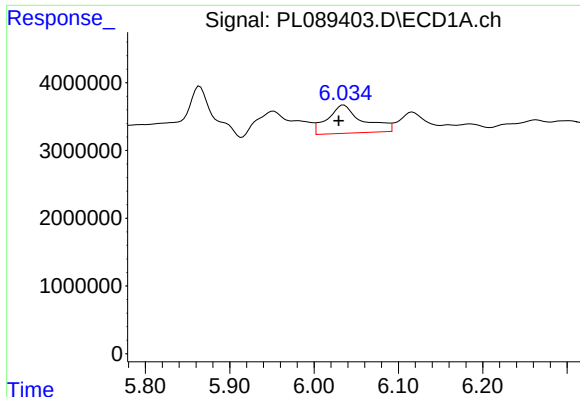
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 8582335
Conc: 3.75 ng/ml



#10 gamma-Chlordane

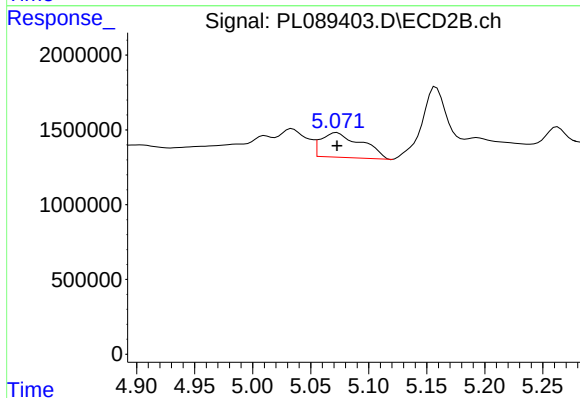
R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 3158491
Conc: 1.92 ng/ml



#11 alpha-Chlordane

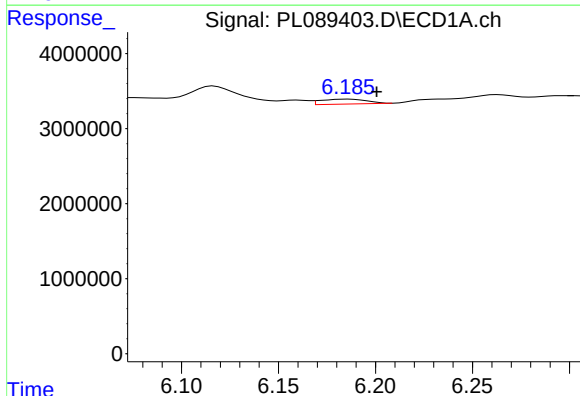
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 12044730
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



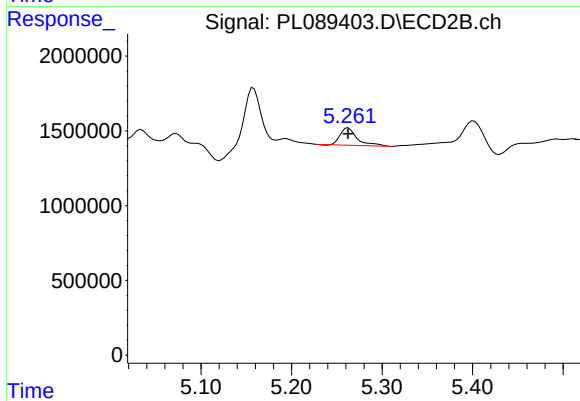
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4025057
Conc: 2.44 ng/ml



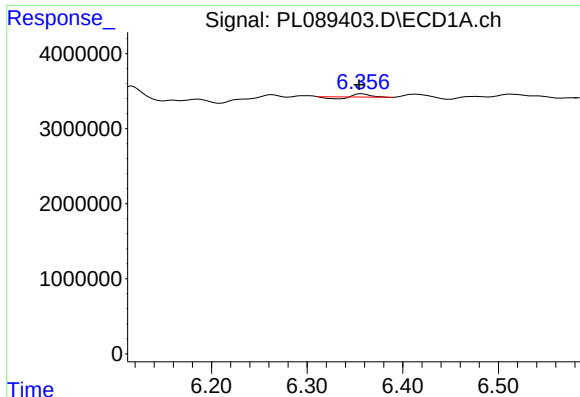
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.015 min
Response: 1085282
Conc: 0.54 ng/ml



#12 4,4'-DDE

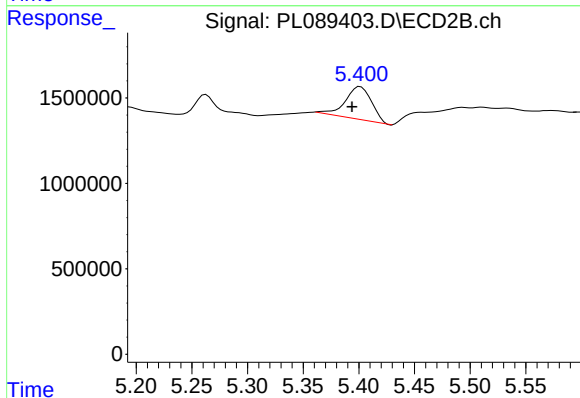
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 1499439
Conc: 1.03 ng/ml



#13 Dieldrin

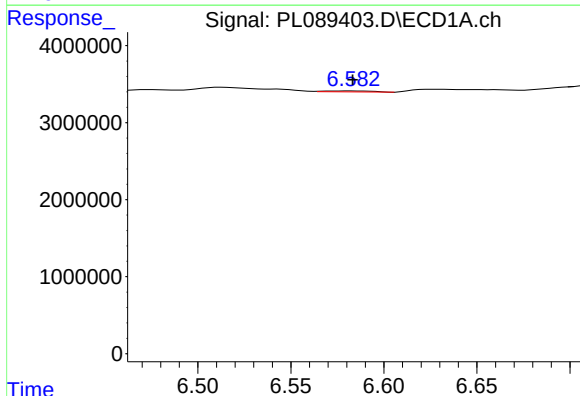
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 223120
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



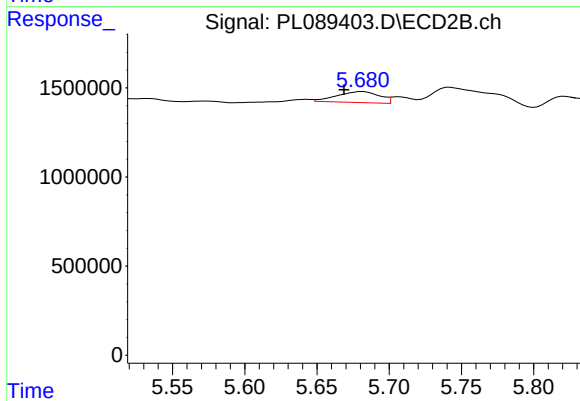
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.007 min
Response: 3154125
Conc: 1.96 ng/ml



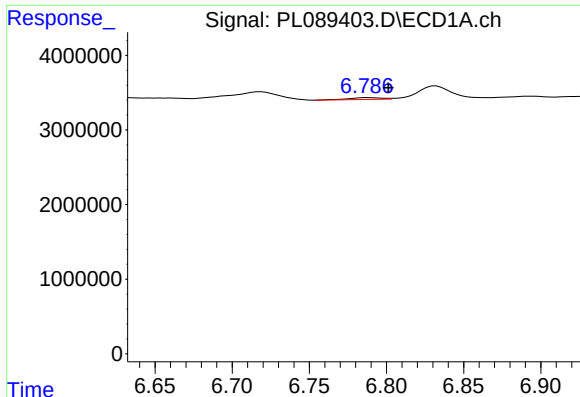
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 204543
Conc: 0.11 ng/ml



#14 Endrin

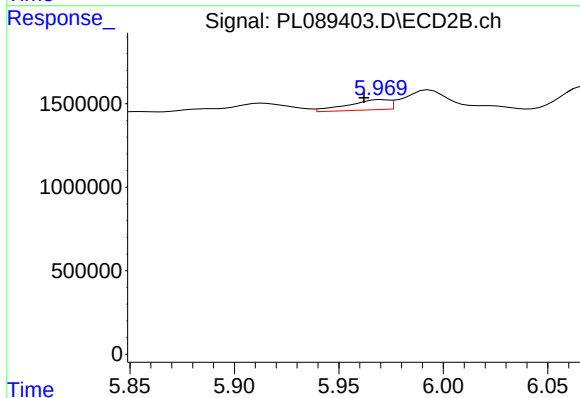
R.T.: 5.681 min
Delta R.T.: 0.013 min
Response: 1266785
Conc: 0.88 ng/ml



#15 Endosulfan II

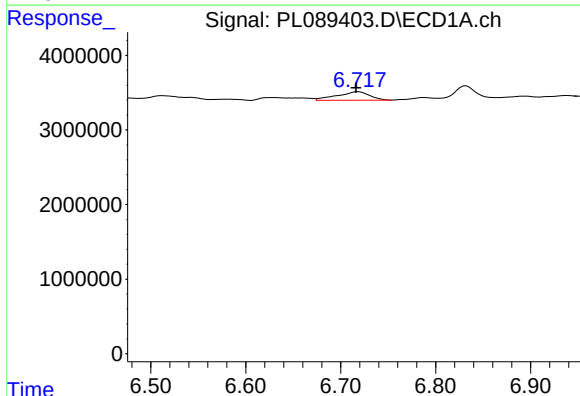
R.T.: 6.788 min
Delta R.T.: -0.013 min
Response: 350408
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



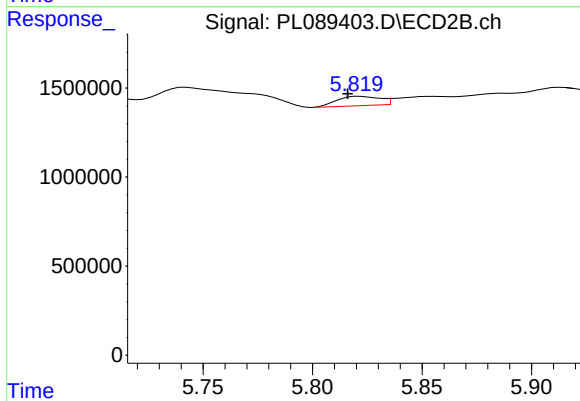
#15 Endosulfan II

R.T.: 5.971 min
Delta R.T.: 0.009 min
Response: 821397
Conc: 0.57 ng/ml



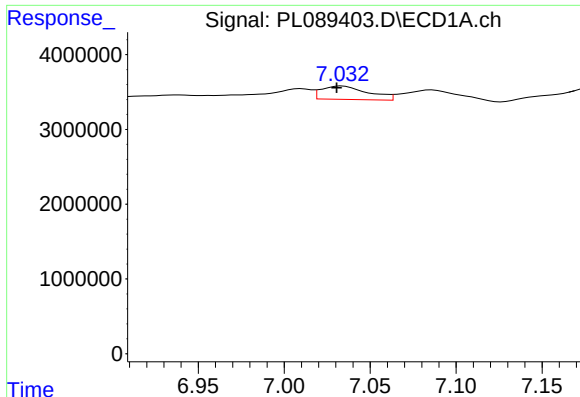
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 2696915
Conc: 1.60 ng/ml



#16 4,4'-DDD

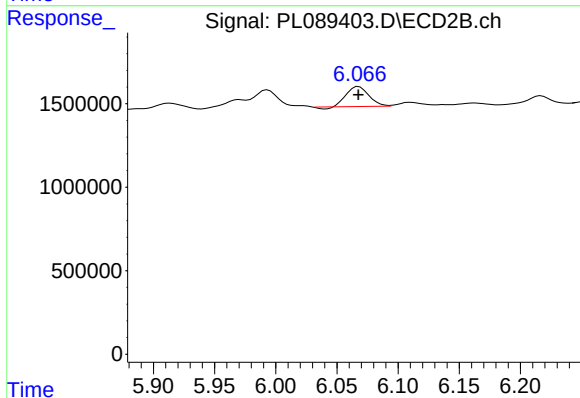
R.T.: 5.822 min
Delta R.T.: 0.006 min
Response: 705485
Conc: 0.57 ng/ml



#17 4,4'-DDT

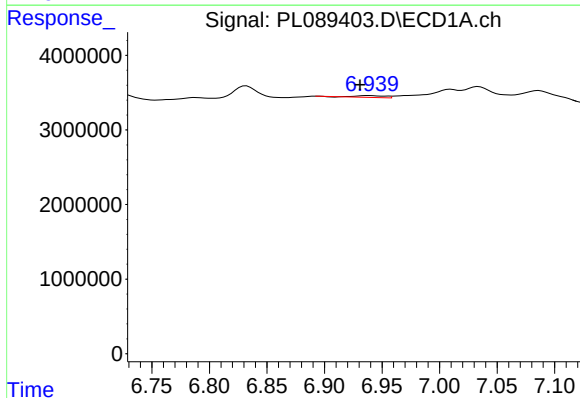
R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 3377007
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



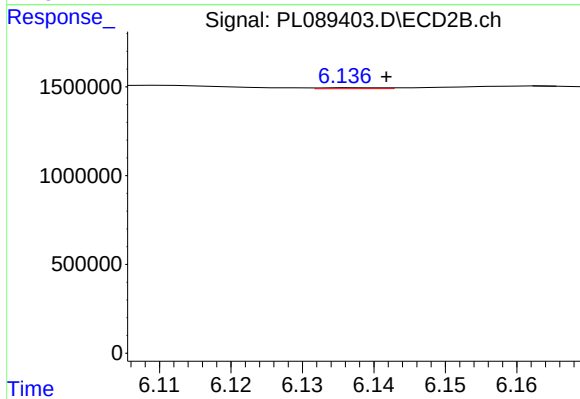
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1500184
Conc: 1.11 ng/ml



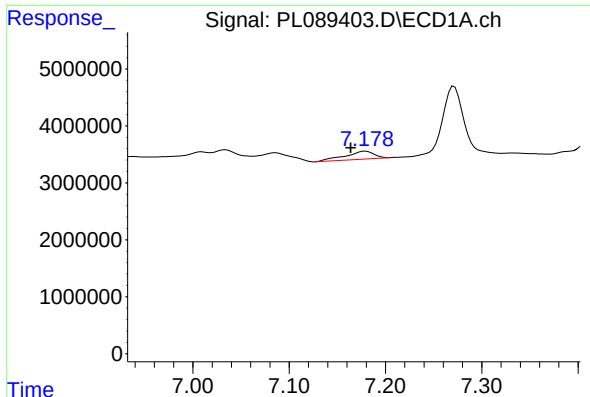
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.007 min
Response: 444897
Conc: 0.29 ng/ml



#18 Endrin aldehyde

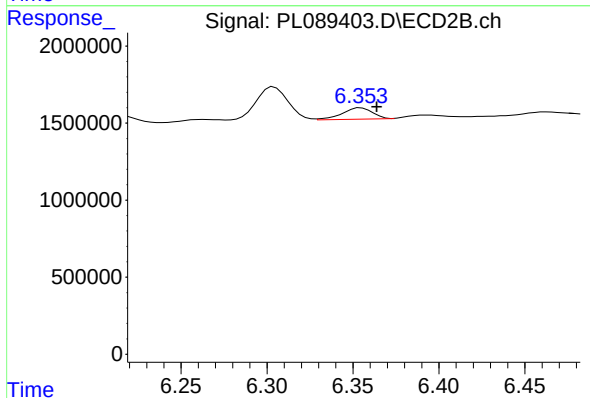
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 34342
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

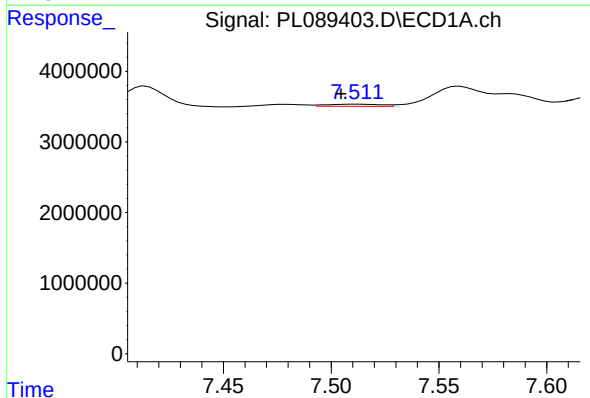
R.T.: 7.179 min
Delta R.T.: 0.015 min
Response: 2909315
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



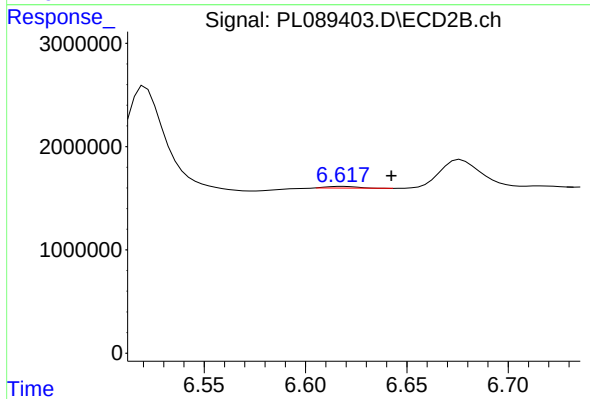
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.009 min
Response: 896024
Conc: 0.65 ng/ml



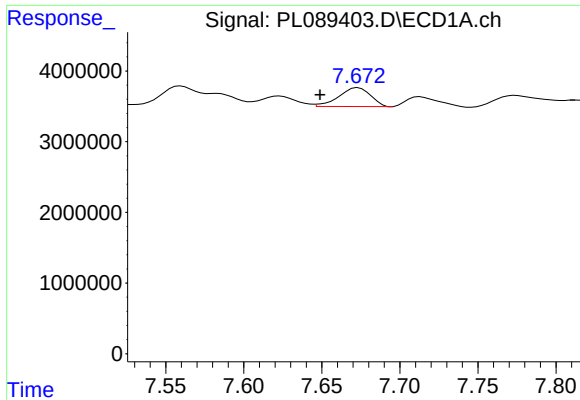
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.008 min
Response: 540134
Conc: 0.55 ng/ml



#20 Methoxychlor

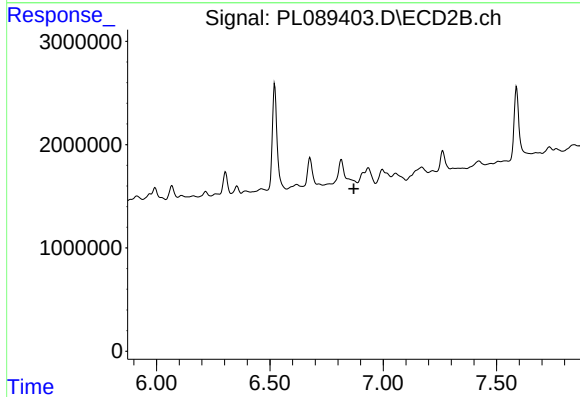
R.T.: 6.619 min
Delta R.T.: -0.024 min
Response: 170353
Conc: 0.21 ng/ml



#21 Endrin ketone

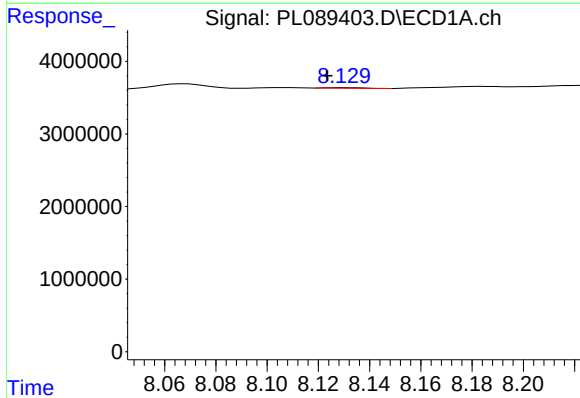
R.T.: 7.673 min
Delta R.T.: 0.024 min
Response: 3790003
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



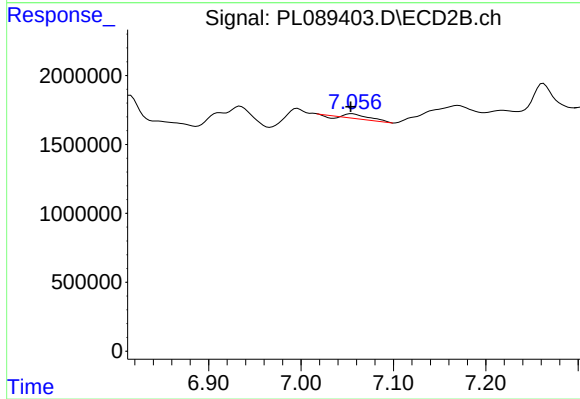
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



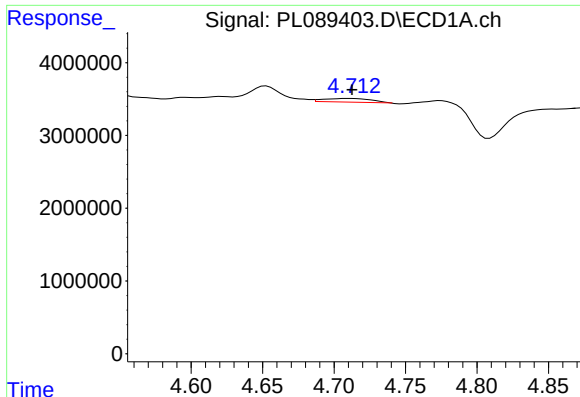
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.007 min
Response: 72921
Conc: 0.05 ng/ml



#22 Mirex

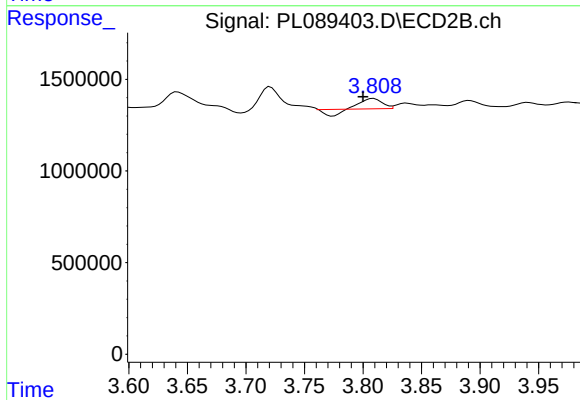
R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 442544
Conc: 0.32 ng/ml



#23 Chlordane-1

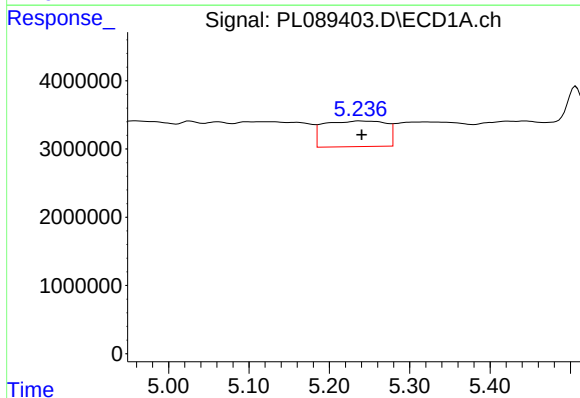
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1117852
Conc: 12.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



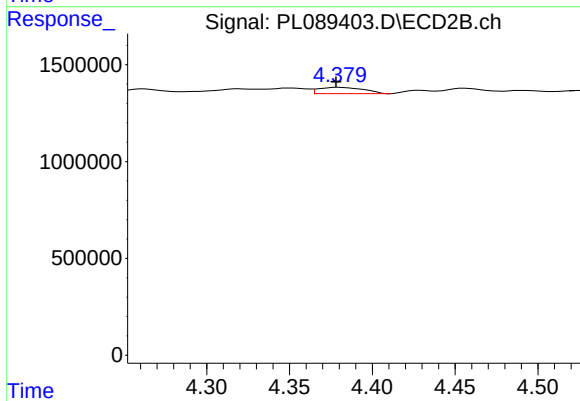
#23 Chlordane-1

R.T.: 3.809 min
Delta R.T.: 0.009 min
Response: 498690
Conc: 10.14 ng/ml



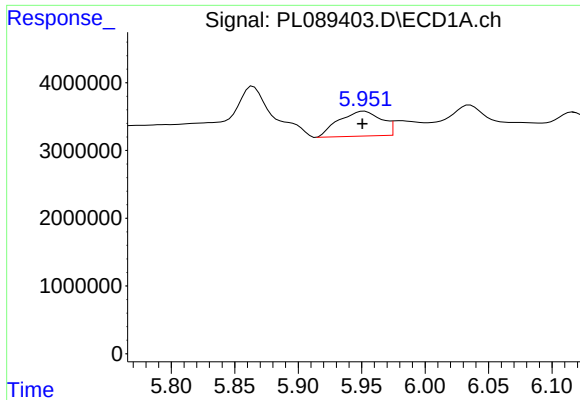
#24 Chlordane-2

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 20171812
Conc: 191.94 ng/ml



#24 Chlordane-2

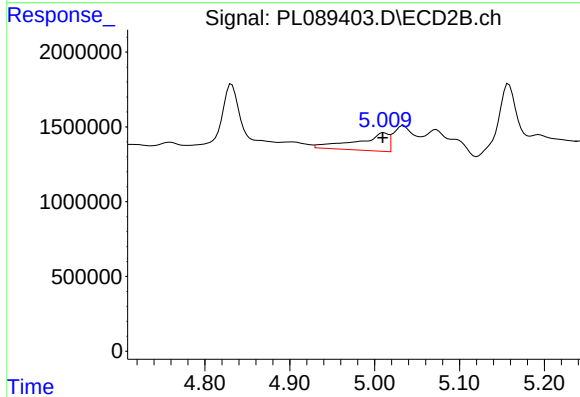
R.T.: 4.380 min
Delta R.T.: 0.002 min
Response: 614434
Conc: 9.66 ng/ml



#25 Chlordane-3

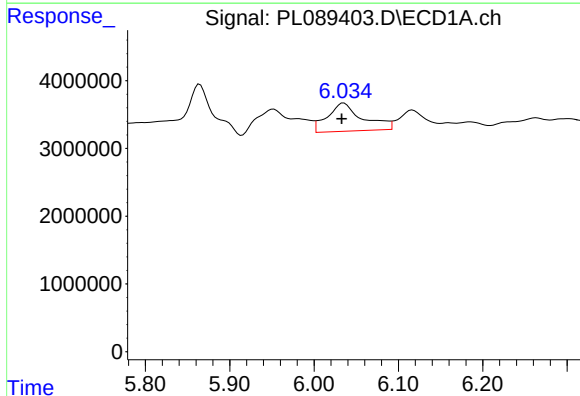
R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 8582335
Conc: 25.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



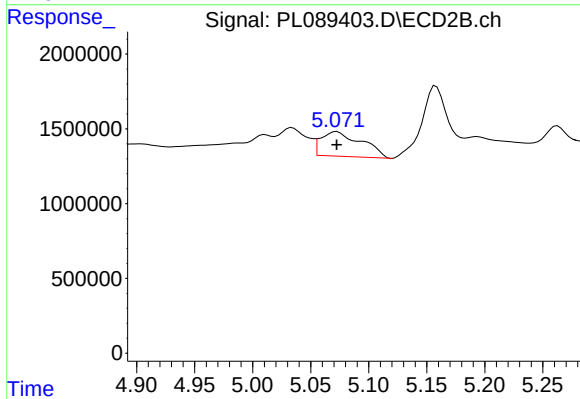
#25 Chlordane-3

R.T.: 5.011 min
Delta R.T.: 0.001 min
Response: 3158491
Conc: 18.45 ng/ml



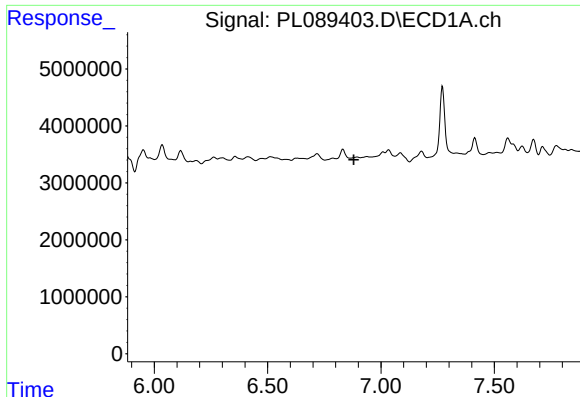
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 12044730
Conc: 29.55 ng/ml



#26 Chlordane-4

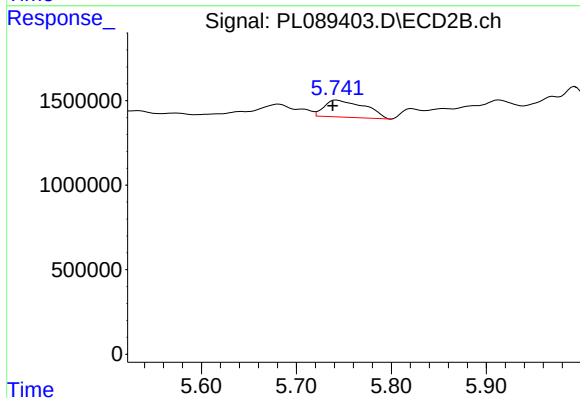
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4025057
Conc: 25.02 ng/ml



#27 Chlordane-5

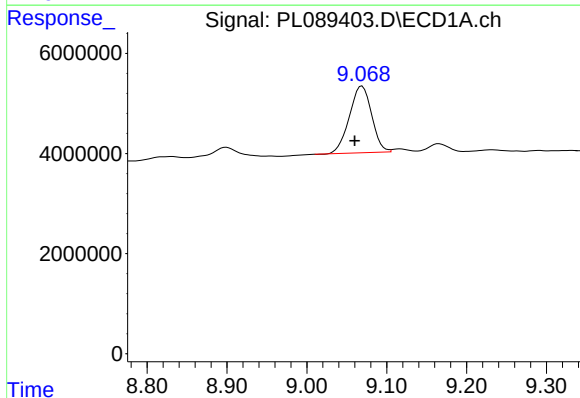
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-1



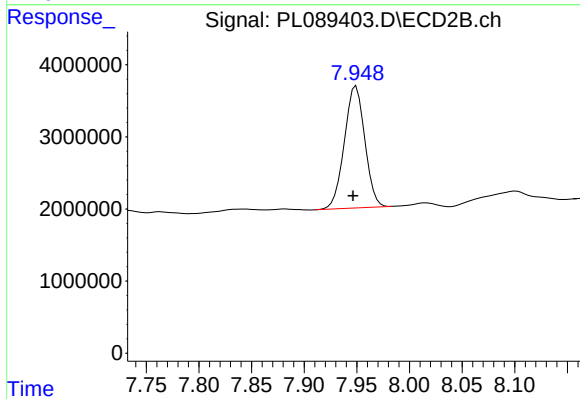
#27 Chlordane-5

R.T.: 5.742 min
Delta R.T.: 0.004 min
Response: 2990900
Conc: 58.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.009 min
Response: 25838278
Conc: 18.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 22949866
Conc: 17.06 ng/ml