

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072621\
 Data File : PL068455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2021 10:44
 Operator : AR\AJ
 Sample : M3119-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOP-SOIL-GRILLIO-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 23:11:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.650	5.570	5935604	12377382	13.830	12.130
28)	SA Decachlor...	10.425	11.499	6728001	9152142	11.963	10.260
Target Compounds							
3)	MA gamma-BHC...	0.000	6.553	0	2865776	N.D.	2.221 #
4)	MA Heptachlor	6.202	0.000	200409	0	0.329	N.D. #
5)	MB Aldrin	6.513	7.544f	1100873	2719201	1.959	2.292
6)	B beta-BHC	0.000	6.778f	0	2038271	N.D.	2.885 #
7)	B delta-BHC	6.432f	0.000	621792	0	1.113	N.D. #
8)	B Heptachlo...	0.000	8.029	0	2234585	N.D.	1.976 #
10)	B gamma-Chl...	7.371	8.304	5109235	10120108	8.905	8.986
11)	B alpha-Chl...	7.441	8.387	6509347	15805245	11.334	14.053
12)	B 4,4'-DDE	7.656	8.571	13538037	22941997	26.865	22.261
13)	MA Dieldrin	7.791	8.726	1497131	278885	2.781	0.263 #
14)	MA Endrin	8.051f	8.967	738092	1376335	1.476	1.539
15)	B Endosulfa...	8.383	9.209	1279323	197725	2.591	0.218 #
16)	A 4,4'-DDD	8.240	9.112	1763202	3493352	3.947	4.103
17)	MA 4,4'-DDT	8.502	9.429	17058326	24584373	34.008	26.047
18)	B Endrin al...	8.545f	0.000	643831	0	1.625	N.D. #
19)	B Endosulfa...	8.806	0.000	576801	0	1.098	N.D. #
20)	A Methoxychlor	9.069f	0.000	555808	0	1.777	N.D. #
22)	Mirex	0.000	10.563f	0	340770	N.D.	0.440 #
23)	Chlordane-1	5.981	6.954	1444918	3858458	96.057	95.247
24)	Chlordane-2	6.672	7.544	2219327	2719201	103.479	65.358 #
25)	Chlordane-3	7.371	8.304	5109235	10120108	94.872	65.346 #
26)	Chlordane-4	7.441	8.387	6509347	15805245	115.292	84.303 #
27)	Chlordane-5	8.383	0.000	1279323	0	63.565	N.D. #

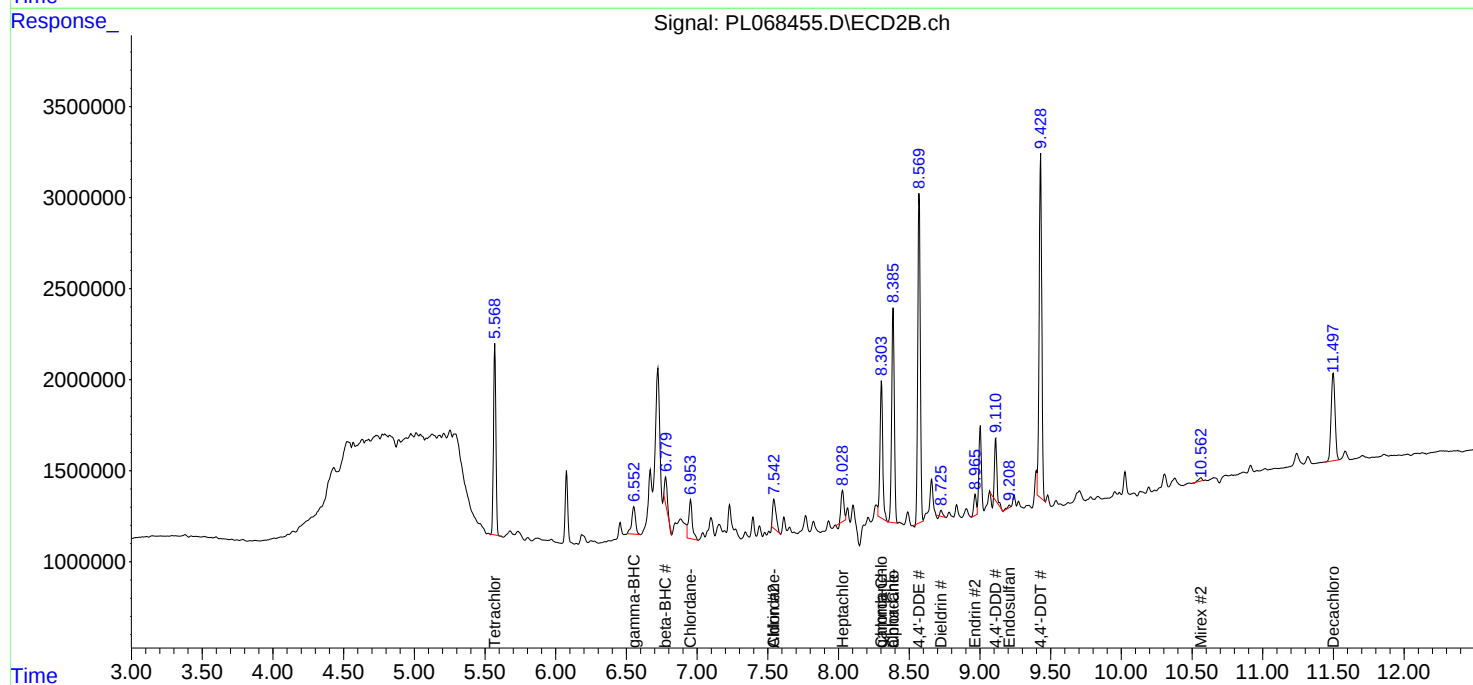
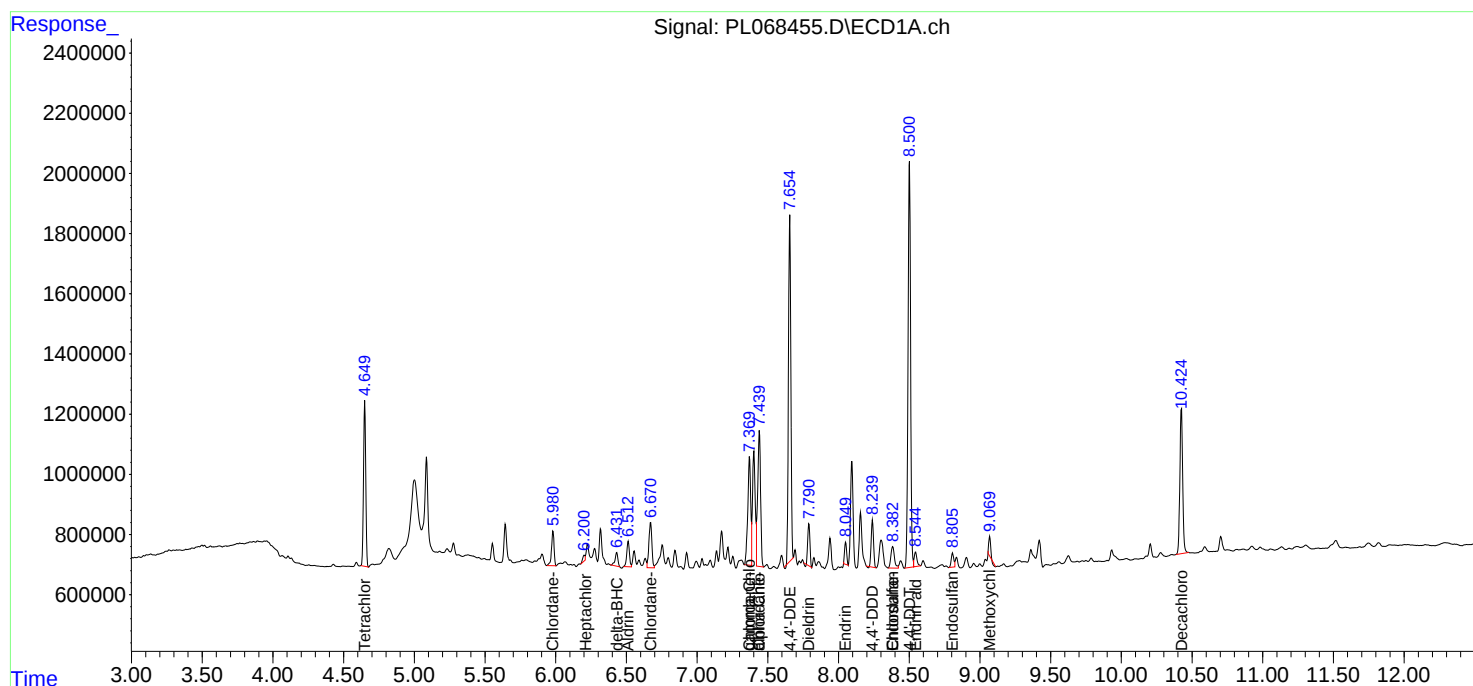
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

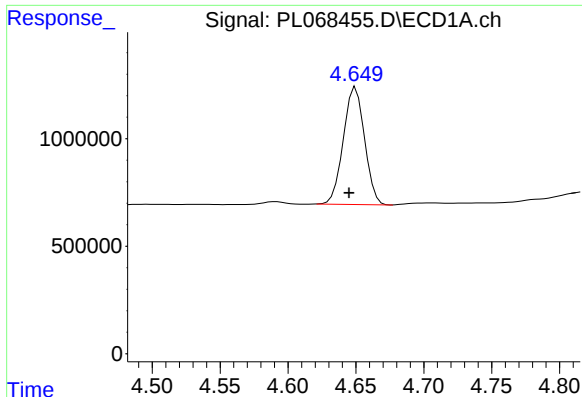
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072621\
Data File : PL068455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2021 10:44
Operator : AR\AJ
Sample : M3119-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 23:11:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
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

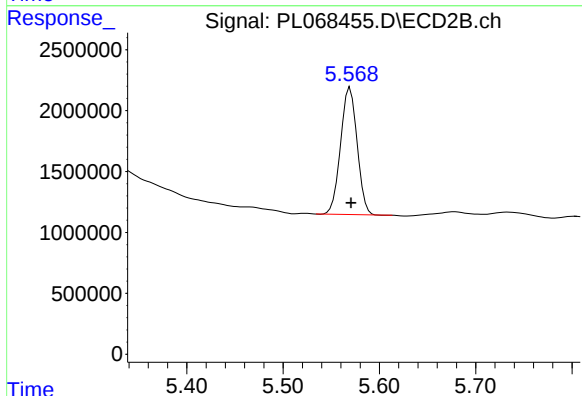




#1 Tetrachloro-m-xylene

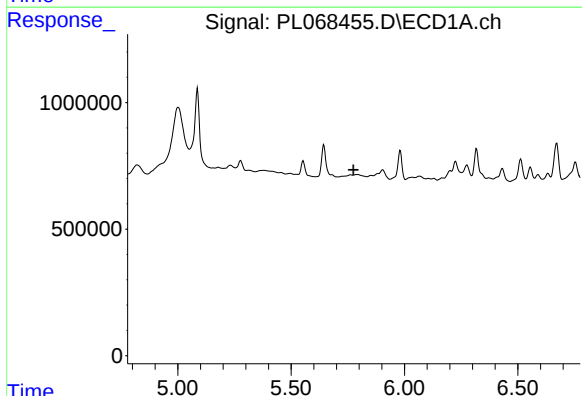
R.T.: 4.650 min
Delta R.T.: 0.005 min
Response: 5935604
Conc: 13.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



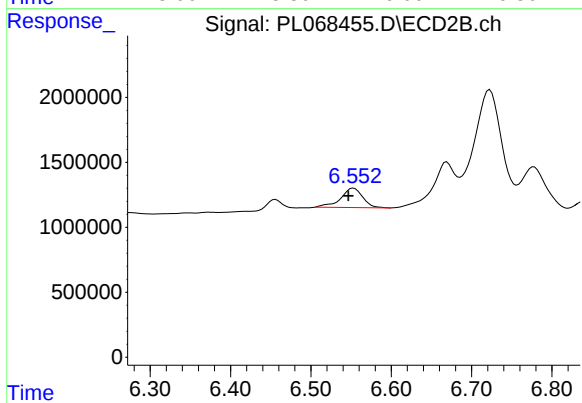
#1 Tetrachloro-m-xylene

R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 12377382
Conc: 12.13 ng/ml



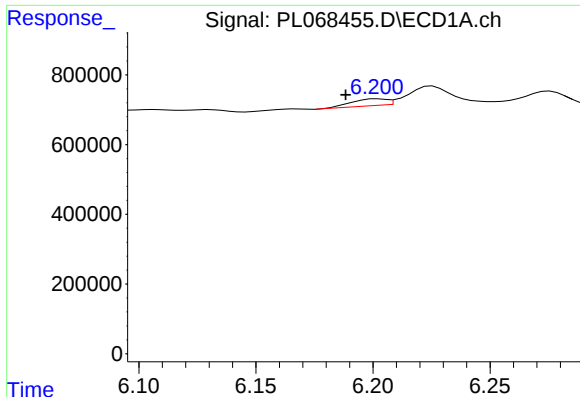
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

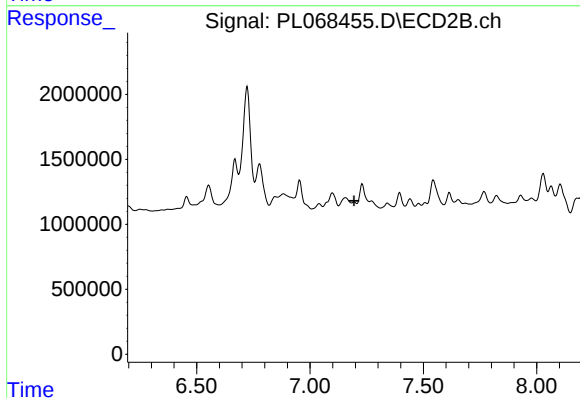
R.T.: 6.553 min
Delta R.T.: 0.007 min
Response: 2865776
Conc: 2.22 ng/ml



#4 Heptachlor

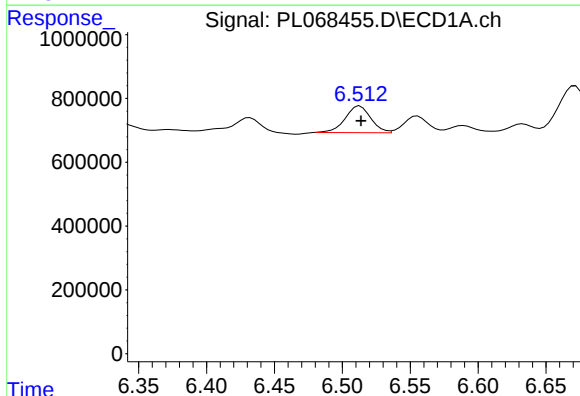
R.T.: 6.202 min
Delta R.T.: 0.014 min
Response: 200409
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



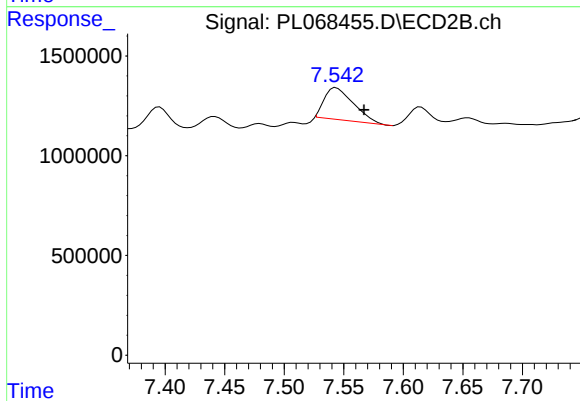
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.



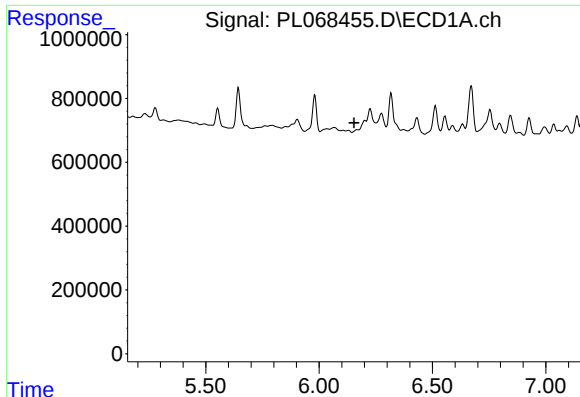
#5 Aldrin

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 1100873
Conc: 1.96 ng/ml



#5 Aldrin

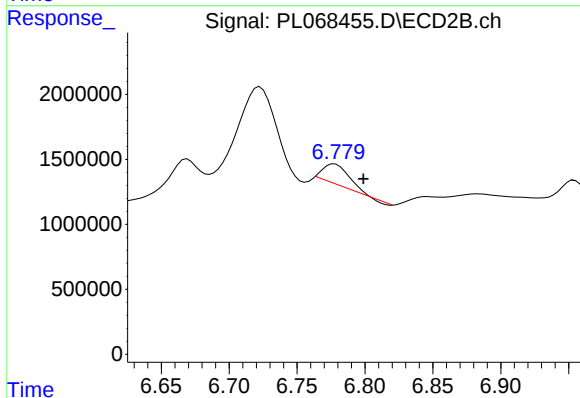
R.T.: 7.544 min
Delta R.T.: -0.023 min
Response: 2719201
Conc: 2.29 ng/ml



#6 beta-BHC

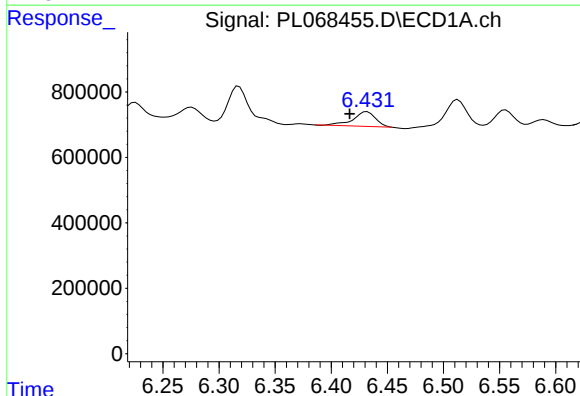
R.T.: 0.000 min
Exp R.T.: 6.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



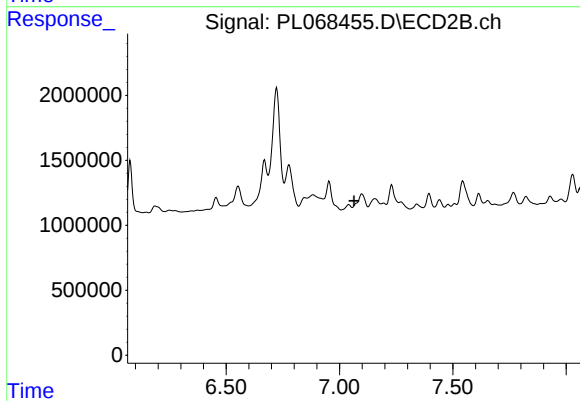
#6 beta-BHC

R.T.: 6.778 min
Delta R.T.: -0.021 min
Response: 2038271
Conc: 2.89 ng/ml



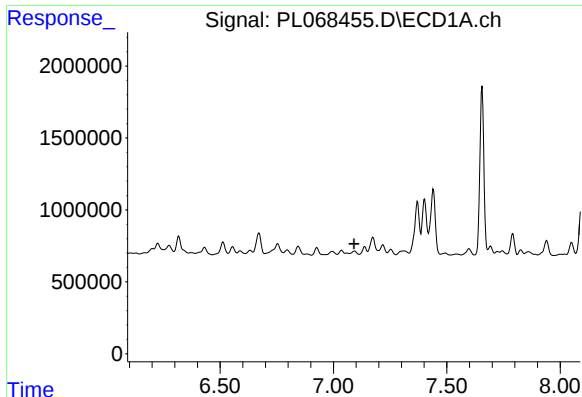
#7 delta-BHC

R.T.: 6.432 min
Delta R.T.: 0.015 min
Response: 621792
Conc: 1.11 ng/ml



#7 delta-BHC

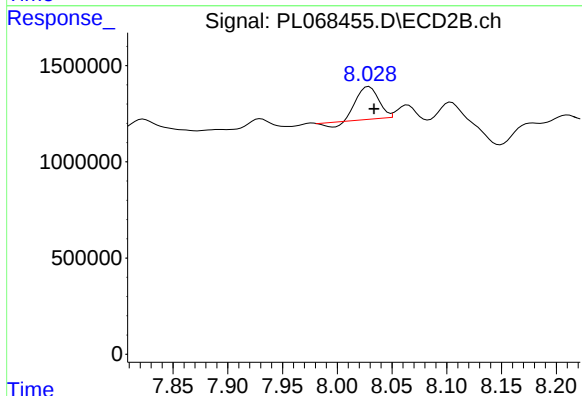
R.T.: 0.000 min
Exp R.T.: 7.065 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

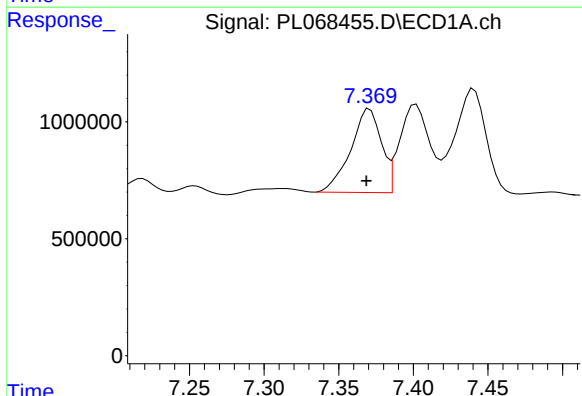
R.T.: 0.000 min
Exp R.T.: 7.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



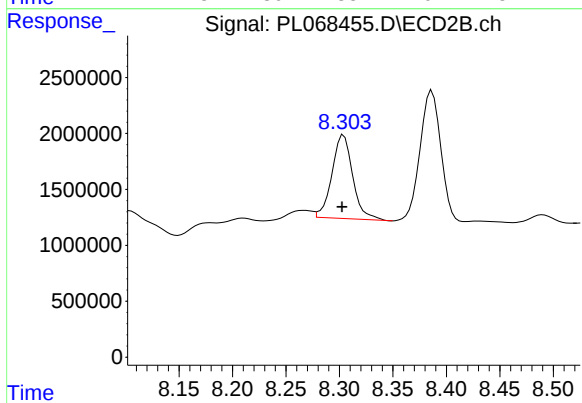
#8 Heptachlor epoxide

R.T.: 8.029 min
Delta R.T.: -0.005 min
Response: 2234585
Conc: 1.98 ng/ml



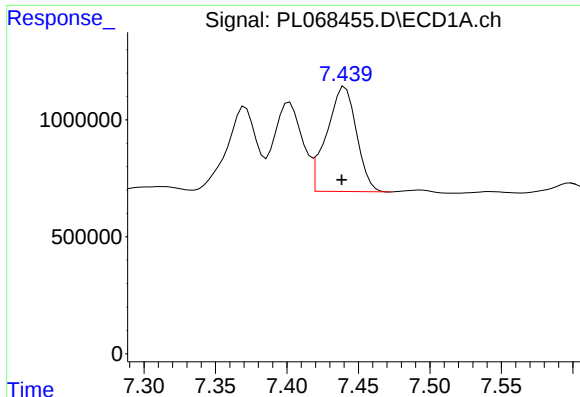
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.002 min
Response: 5109235
Conc: 8.90 ng/ml



#10 gamma-Chlordane

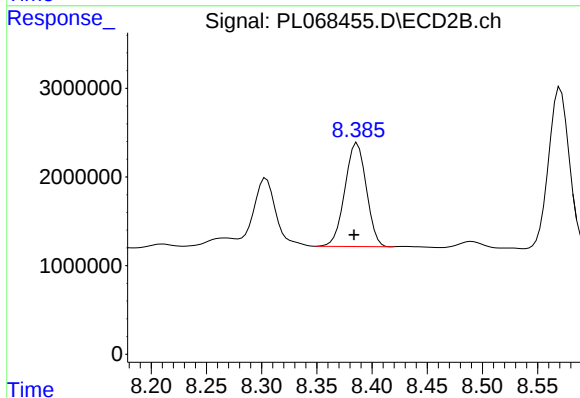
R.T.: 8.304 min
Delta R.T.: 0.002 min
Response: 10120108
Conc: 8.99 ng/ml



#11 alpha-Chlordane

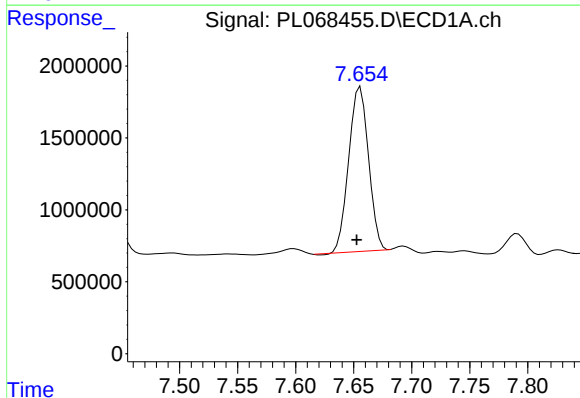
R.T.: 7.441 min
Delta R.T.: 0.002 min
Response: 6509347
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



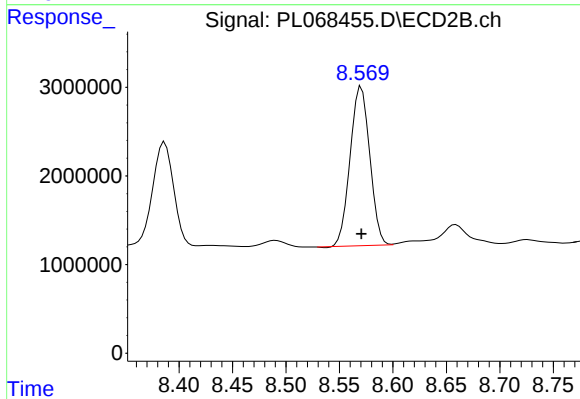
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 15805245
Conc: 14.05 ng/ml



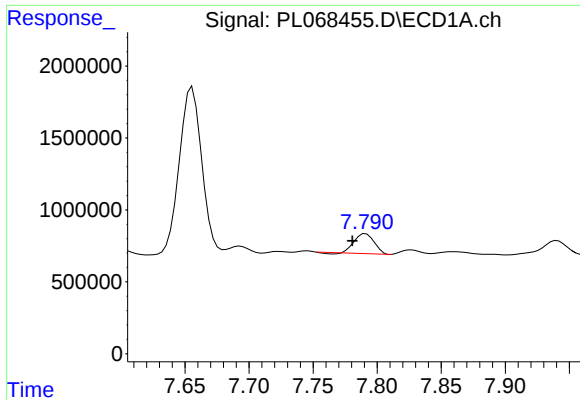
#12 4,4'-DDE

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 13538037
Conc: 26.87 ng/ml



#12 4,4'-DDE

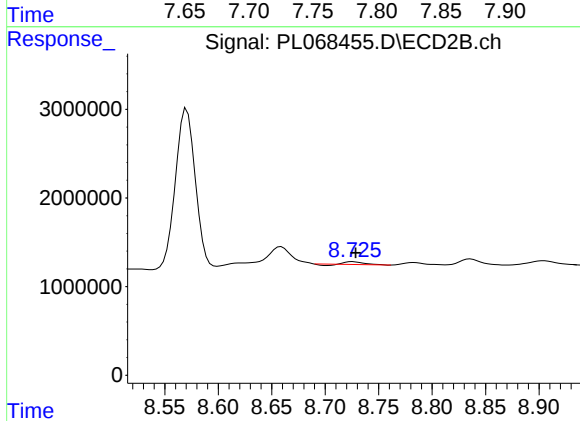
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 22941997
Conc: 22.26 ng/ml



#13 Dieldrin

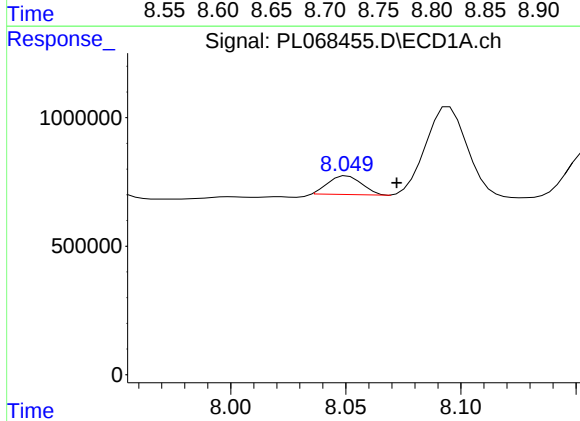
R.T.: 7.791 min
Delta R.T.: 0.010 min
Response: 1497131
Conc: 2.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



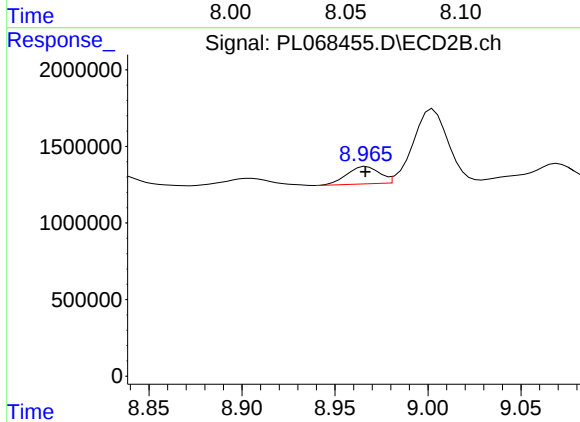
#13 Dieldrin

R.T.: 8.726 min
Delta R.T.: -0.003 min
Response: 278885
Conc: 0.26 ng/ml



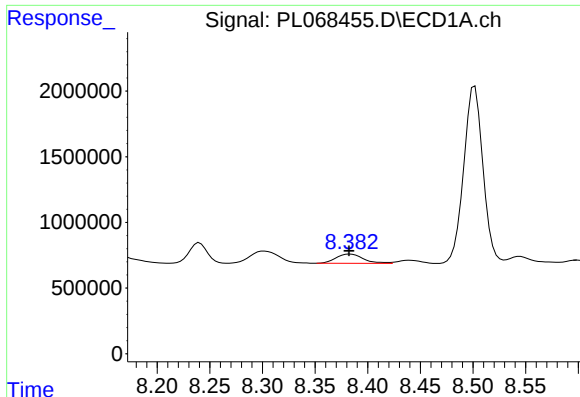
#14 Endrin

R.T.: 8.051 min
Delta R.T.: -0.021 min
Response: 738092
Conc: 1.48 ng/ml



#14 Endrin

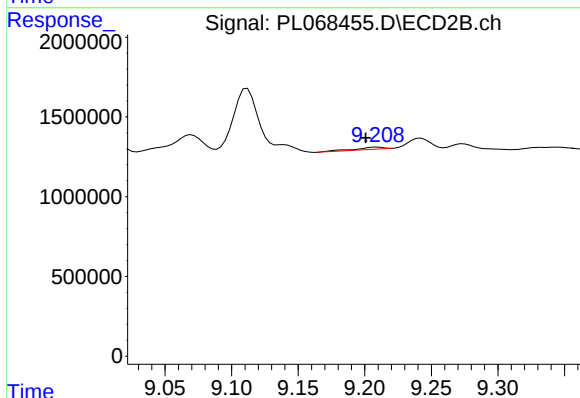
R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 1376335
Conc: 1.54 ng/ml



#15 Endosulfan II

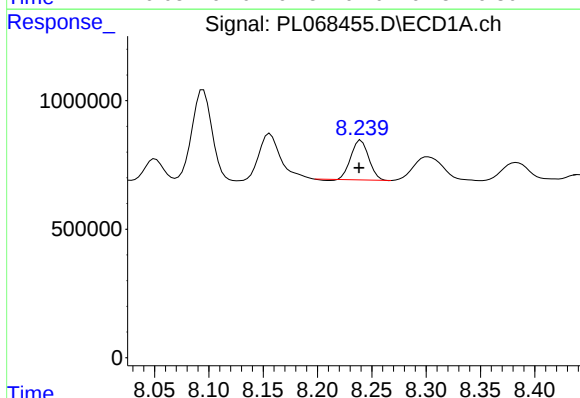
R.T.: 8.383 min
Delta R.T.: 0.001 min
Response: 1279323
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



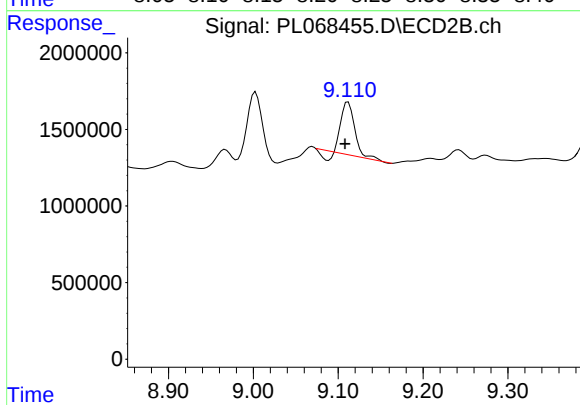
#15 Endosulfan II

R.T.: 9.209 min
Delta R.T.: 0.008 min
Response: 197725
Conc: 0.22 ng/ml



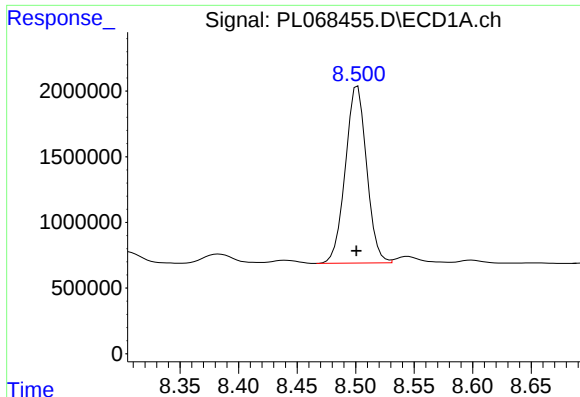
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 1763202
Conc: 3.95 ng/ml



#16 4,4'-DDD

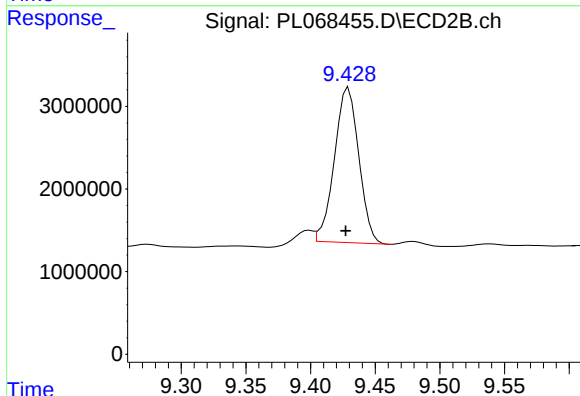
R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 3493352
Conc: 4.10 ng/ml



#17 4,4'-DDT

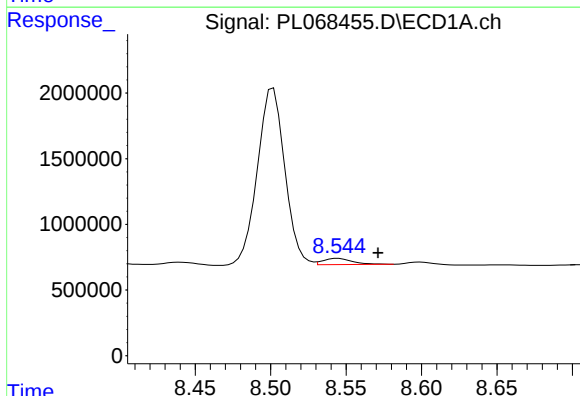
R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 17058326
Conc: 34.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



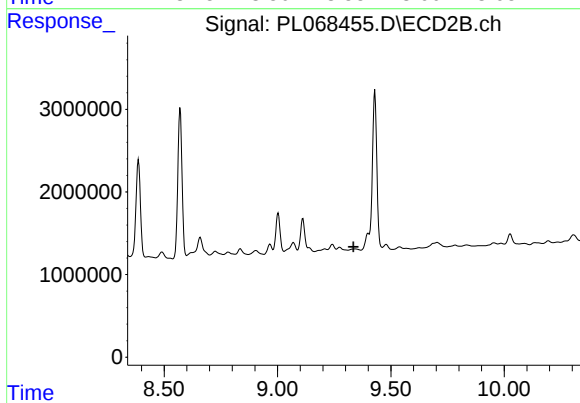
#17 4,4'-DDT

R.T.: 9.429 min
Delta R.T.: 0.002 min
Response: 24584373
Conc: 26.05 ng/ml



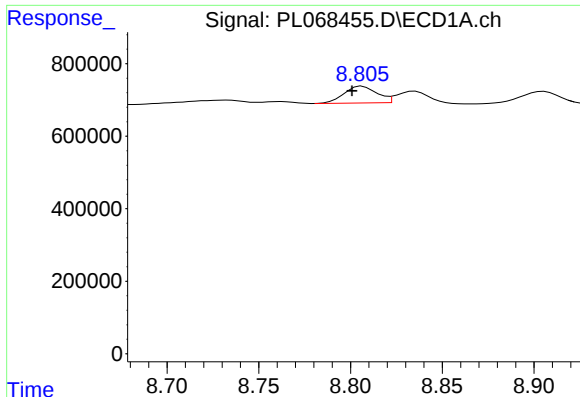
#18 Endrin aldehyde

R.T.: 8.545 min
Delta R.T.: -0.026 min
Response: 643831
Conc: 1.63 ng/ml



#18 Endrin aldehyde

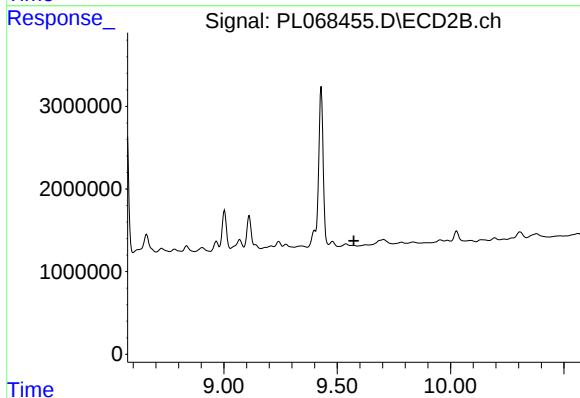
R.T.: 0.000 min
Exp R.T. : 9.335 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

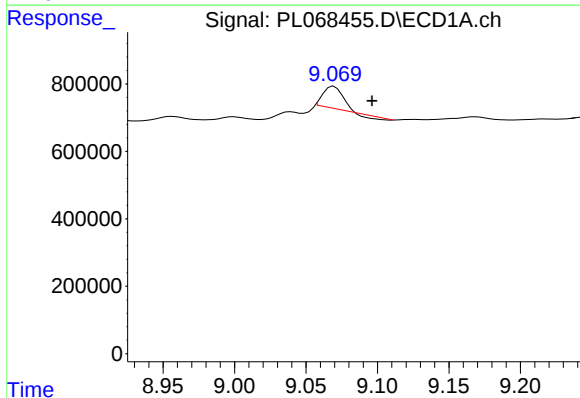
R.T.: 8.806 min
Delta R.T.: 0.006 min
Response: 576801
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



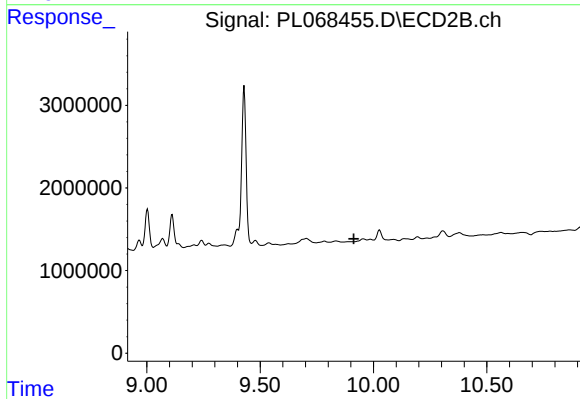
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 9.572 min
Response: 0
Conc: N.D.



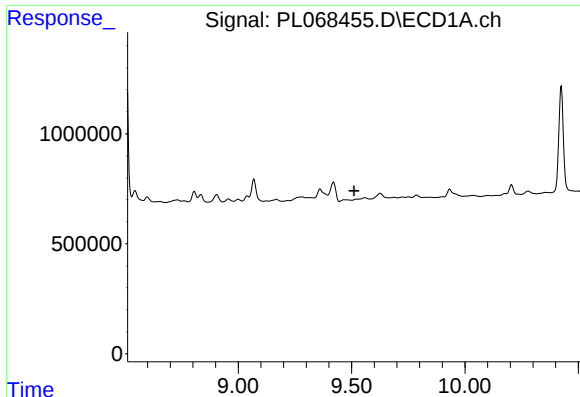
#20 Methoxychlor

R.T.: 9.069 min
Delta R.T.: -0.027 min
Response: 555808
Conc: 1.78 ng/ml



#20 Methoxychlor

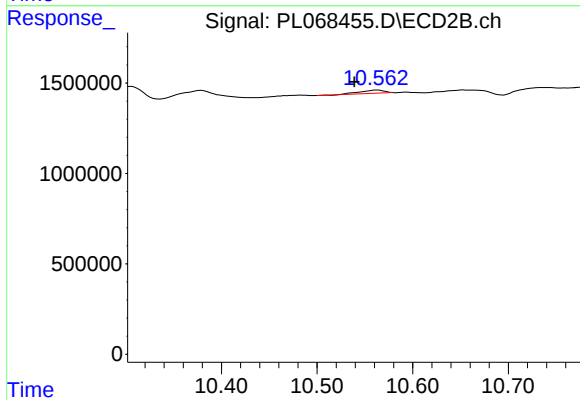
R.T.: 0.000 min
Exp R.T. : 9.913 min
Response: 0
Conc: N.D.



#22 Mirex

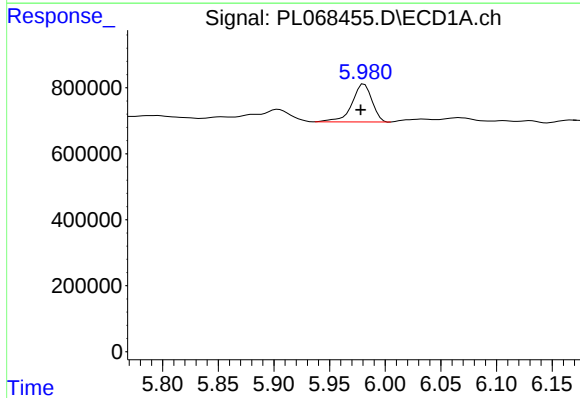
R.T.: 0.000 min
Exp R.T.: 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



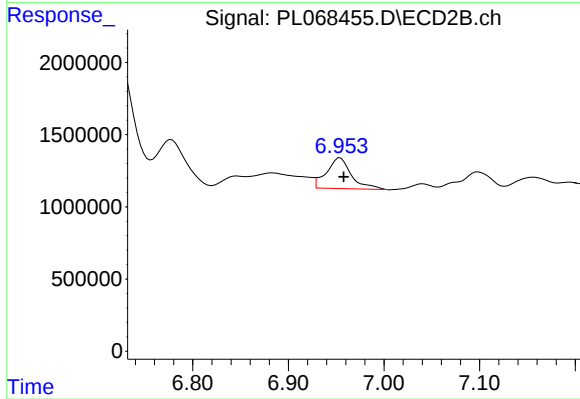
#22 Mirex

R.T.: 10.563 min
Delta R.T.: 0.024 min
Response: 340770
Conc: 0.44 ng/ml



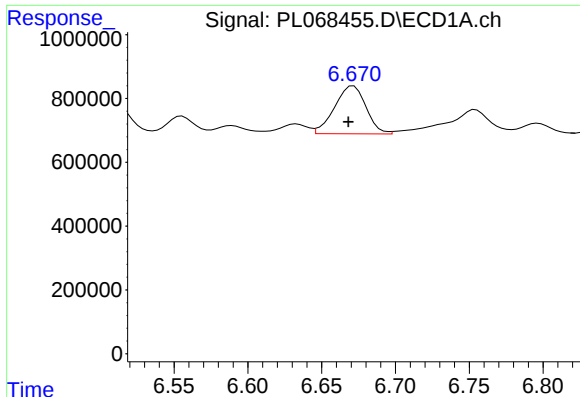
#23 Chlordane-1

R.T.: 5.981 min
Delta R.T.: 0.003 min
Response: 1444918
Conc: 96.06 ng/ml



#23 Chlordane-1

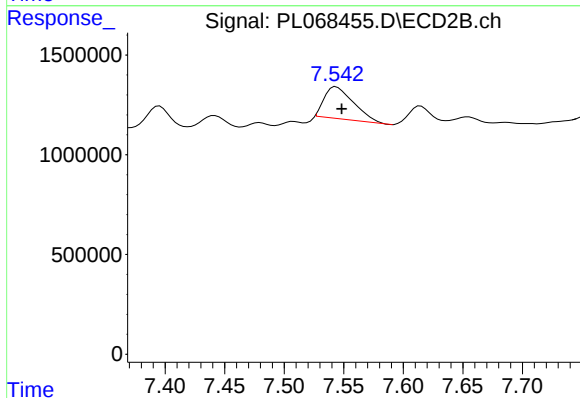
R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 3858458
Conc: 95.25 ng/ml



#24 Chlordane-2

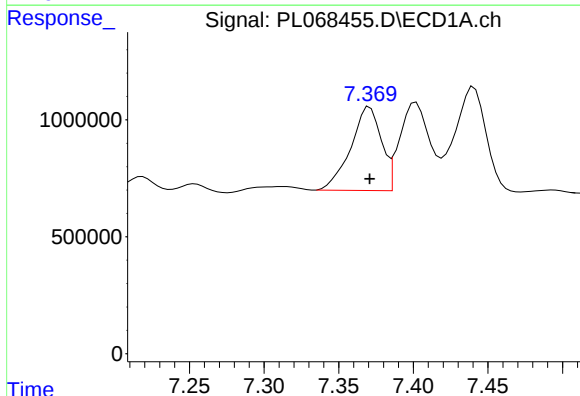
R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 2219327
Conc: 103.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



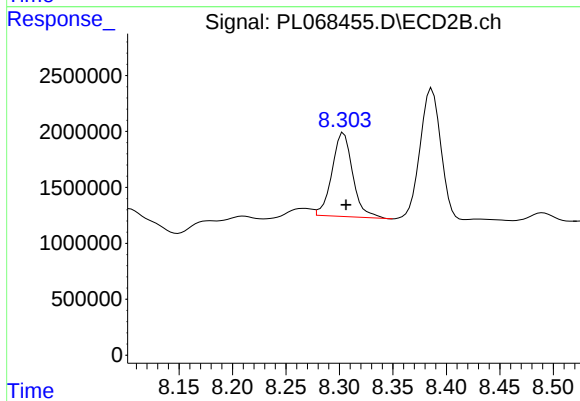
#24 Chlordane-2

R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 2719201
Conc: 65.36 ng/ml



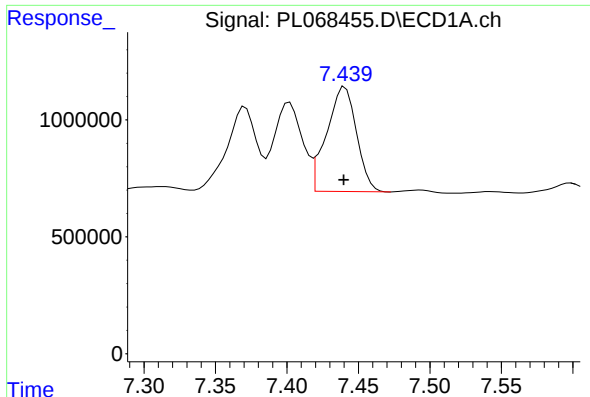
#25 Chlordane-3

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 5109235
Conc: 94.87 ng/ml



#25 Chlordane-3

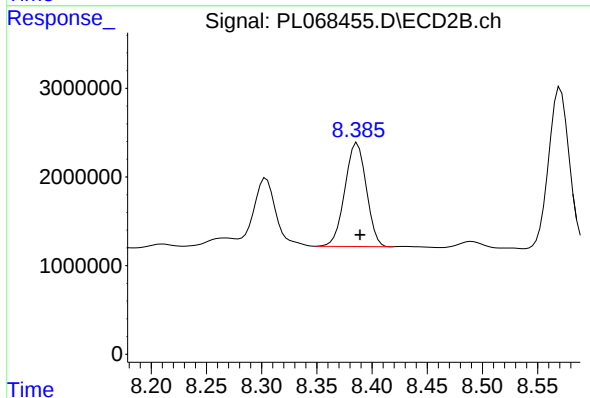
R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 10120108
Conc: 65.35 ng/ml



#26 Chlordane-4

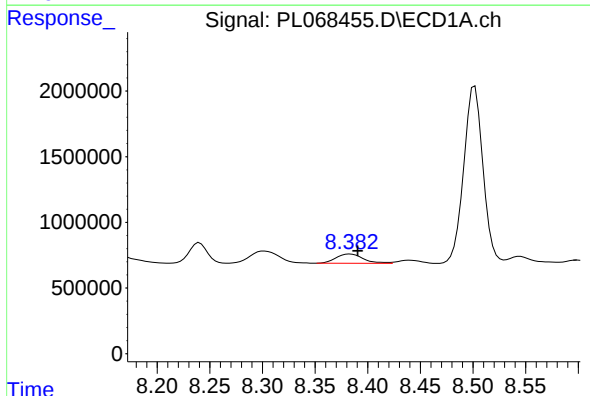
R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 6509347
Conc: 115.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



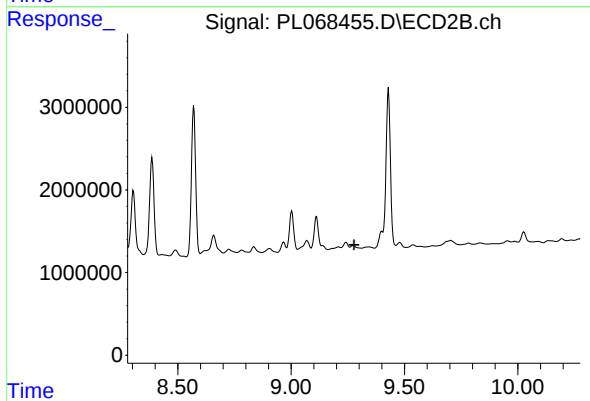
#26 Chlordane-4

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 15805245
Conc: 84.30 ng/ml



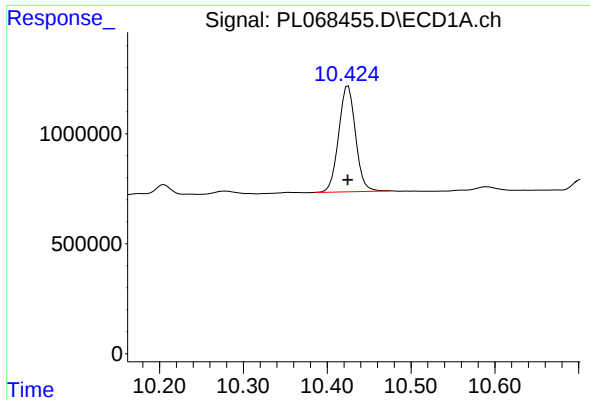
#27 Chlordane-5

R.T.: 8.383 min
Delta R.T.: -0.007 min
Response: 1279323
Conc: 63.56 ng/ml



#27 Chlordane-5

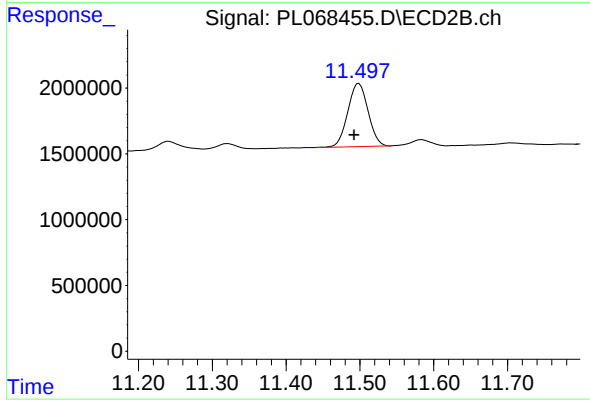
R.T.: 0.000 min
Exp R.T.: 9.277 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.000 min
Response: 6728001
Conc: 11.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-GRILLIO-1



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.006 min
Response: 9152142
Conc: 10.26 ng/ml