

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072221\
 Data File : PL068405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2021 22:11
 Operator : AR\AJ
 Sample : M3119-01
 Misc :
 ALS Vial : 35 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 23 02:20:55 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...	4.642	5.569	6302528	13089218	14.685	12.827
28)	SA Decachlor...	10.416	11.490	6491283	9534675	11.542	10.689
Target Compounds							
4)	MA Heptachlor	6.194	0.000	615310	0	1.010	N.D. #
5)	MB Aldrin	6.505	7.541f	1085306	4142930	1.931	3.492 #
6)	B beta-BHC	0.000	6.800	0	971583	N.D.	1.375 #
7)	B delta-BHC	6.423	0.000	696060	0	1.246	N.D. #
8)	B Heptachlo...	0.000	8.026	0	2841427	N.D.	2.513 #
10)	B gamma-Chl...	7.363	8.301	5204056	10073489	9.070	8.945
11)	B alpha-Chl...	7.432	8.383	6971799	16109700	12.139	14.323
12)	B 4,4'-DDE	7.648	8.567	14394186	23421099	28.564	22.726
13)	MA Dieldrin	7.783	8.722	1705186	690306	3.168	0.651 #
14)	MA Endrin	8.087f	8.963	4486264	1453529	8.971	1.626 #
15)	B Endosulfa...	8.376	0.000	1347906	0	2.730	N.D. #
16)	A 4,4'-DDD	8.233	9.107	1574678	3891911	3.525	4.571 #
17)	MA 4,4'-DDT	8.494	9.425	17456961	24107616	34.803	25.542 #
19)	B Endosulfa...	8.799	0.000	592470	0	1.128	N.D. #
22)	Mirex	0.000	10.556f	0	302081	N.D.	0.390 #
23)	Chlordane-1	5.973	6.953	1760876	2806438	117.062	69.278 #
24)	Chlordane-2	6.663	7.541	2090469	4142930	97.471	99.578
25)	Chlordane-3	7.363	8.301	5204056	10073489	96.633	65.045 #
26)	Chlordane-4	7.432	8.383	6971799	16109700	123.483	85.927 #
27)	Chlordane-5	8.376	0.000	1347906	0	66.973	N.D. #

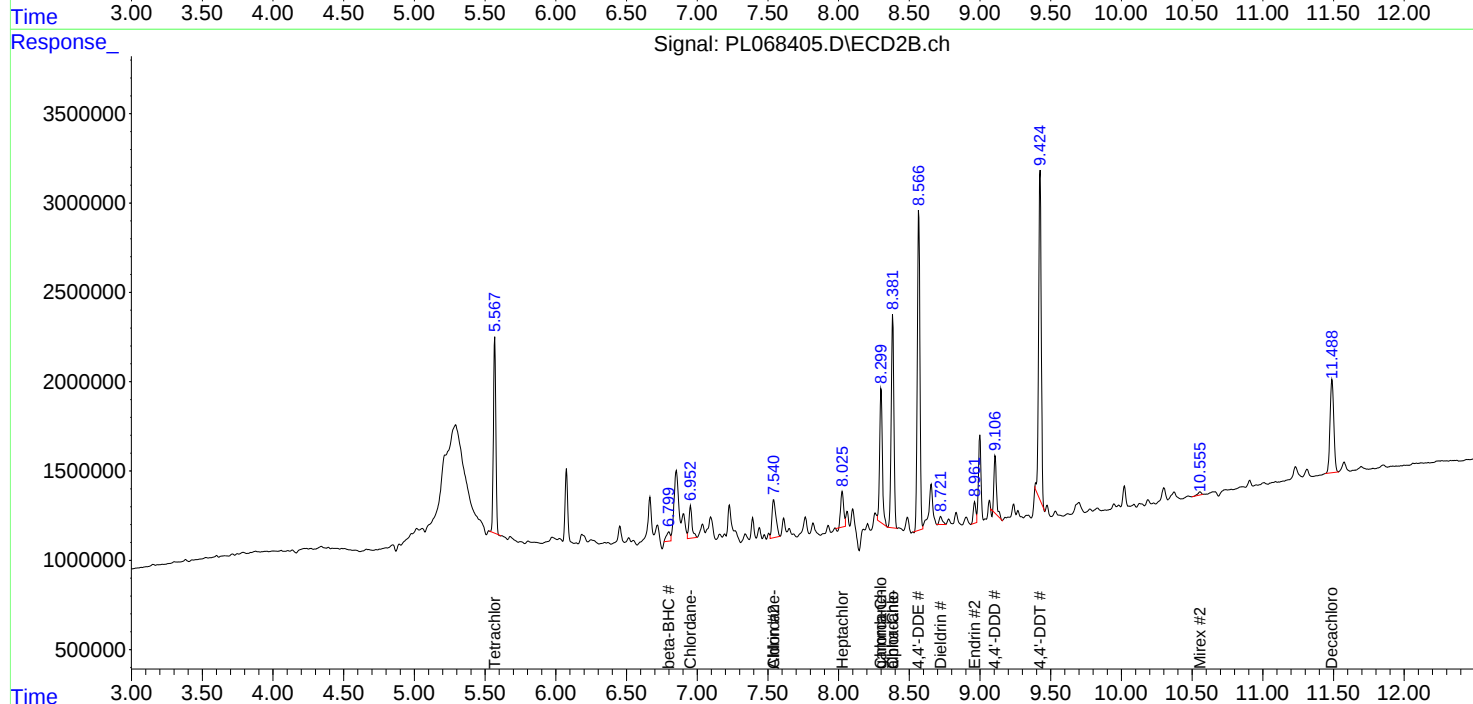
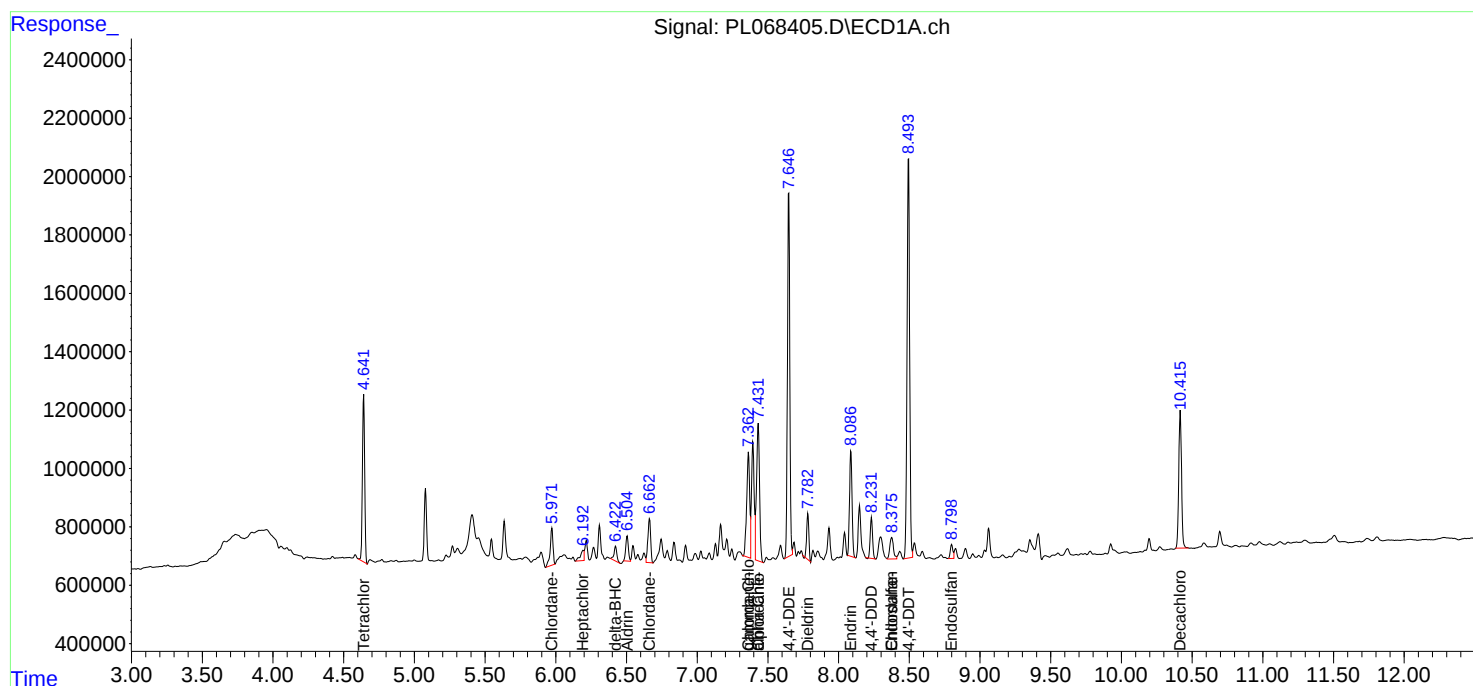
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

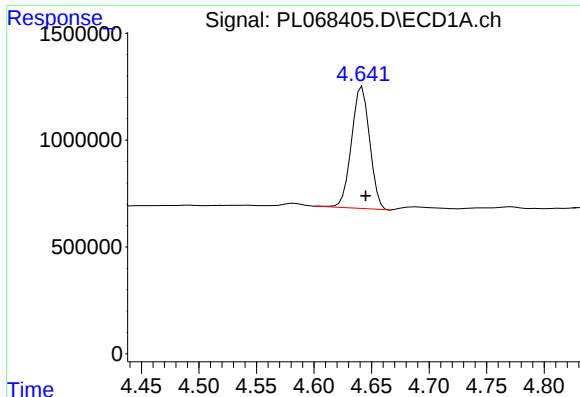
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072221\
Data File : PL068405.D
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TOP-SOIL-GRILLIO-1

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Volume Inj. : 1 µl
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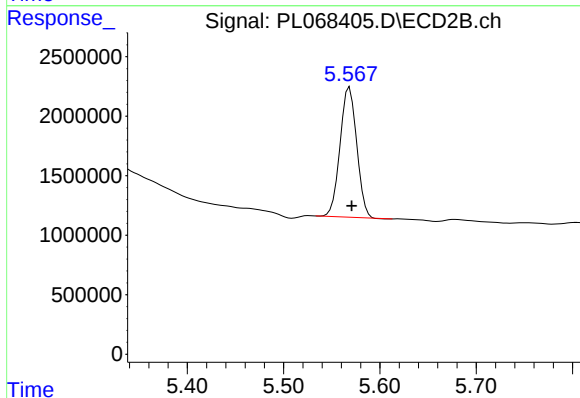




#1 Tetrachloro-m-xylene

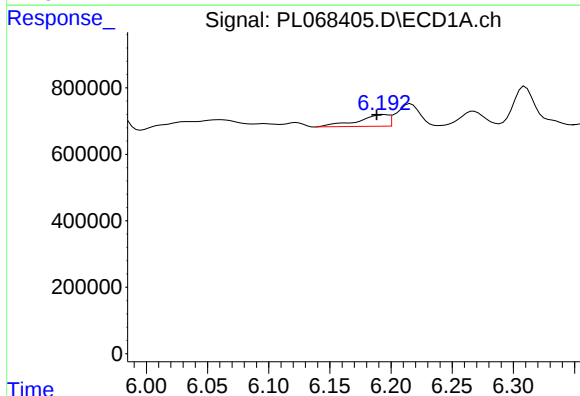
R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 6302528
Conc: 14.68 ng/ml

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



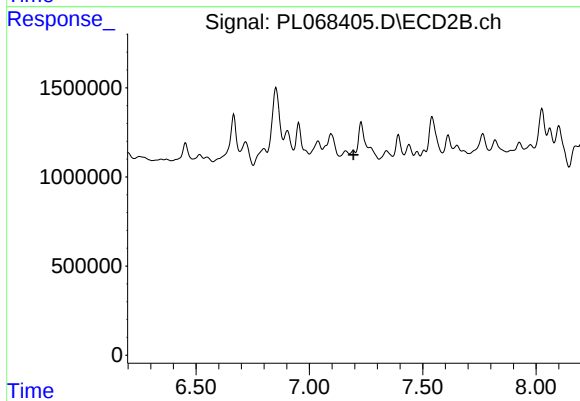
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: -0.002 min
Response: 13089218
Conc: 12.83 ng/ml



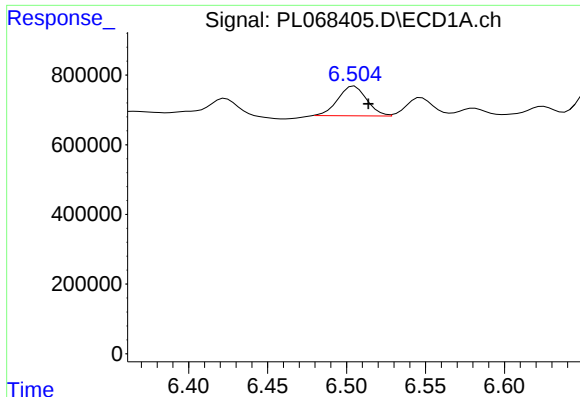
#4 Heptachlor

R.T.: 6.194 min
Delta R.T.: 0.006 min
Response: 615310
Conc: 1.01 ng/ml



#4 Heptachlor

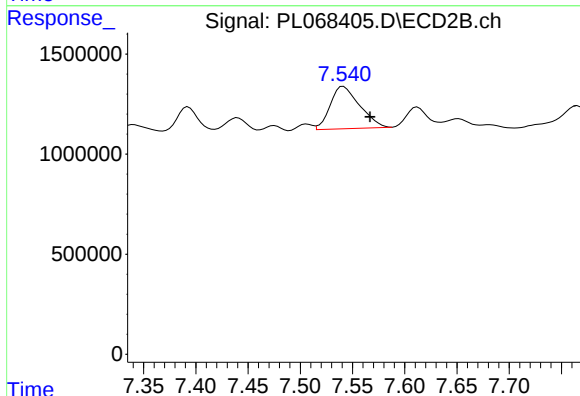
R.T.: 0.000 min
Exp R.T.: 7.195 min
Response: 0
Conc: N.D.



#5 Aldrin

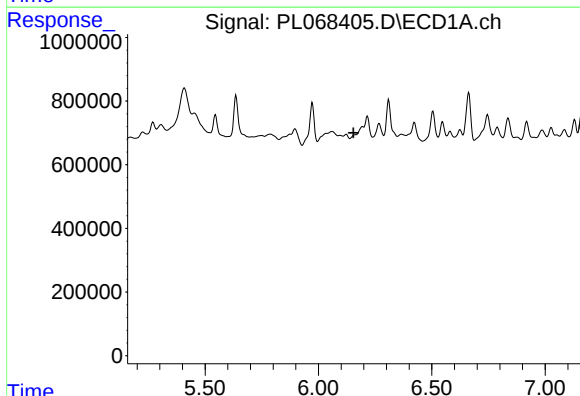
R.T.: 6.505 min
Delta R.T.: -0.009 min
Response: 1085306
Conc: 1.93 ng/ml

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



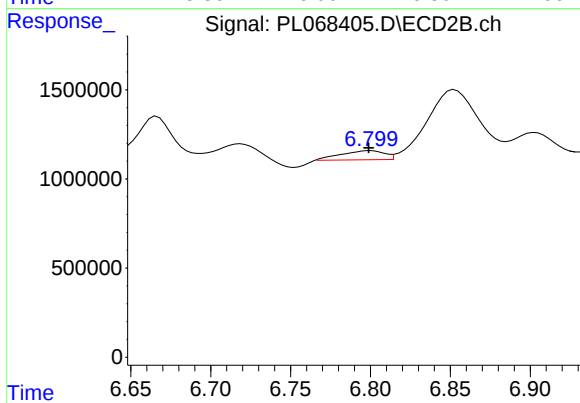
#5 Aldrin

R.T.: 7.541 min
Delta R.T.: -0.026 min
Response: 4142930
Conc: 3.49 ng/ml



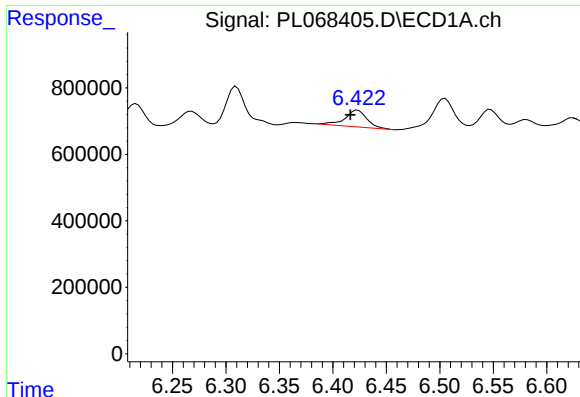
#6 beta-BHC

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



#6 beta-BHC

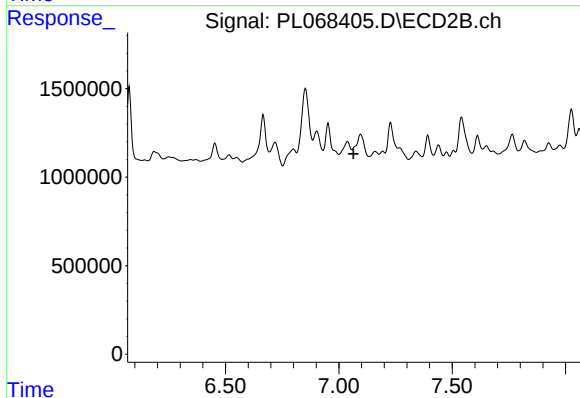
R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 971583
Conc: 1.38 ng/ml



#7 delta-BHC

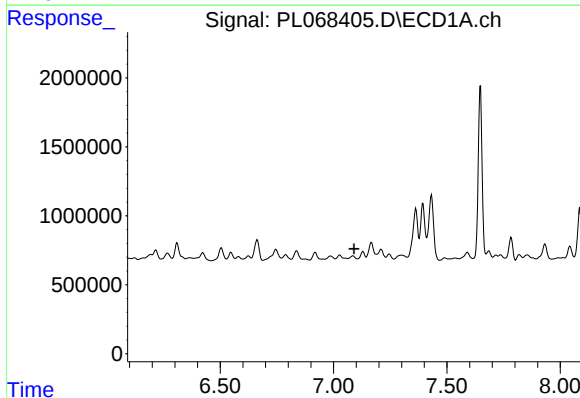
R.T.: 6.423 min
Delta R.T.: 0.007 min
Response: 696060
Conc: 1.25 ng/ml

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



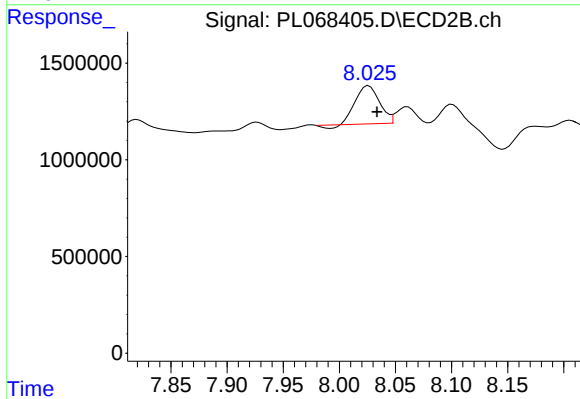
#7 delta-BHC

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



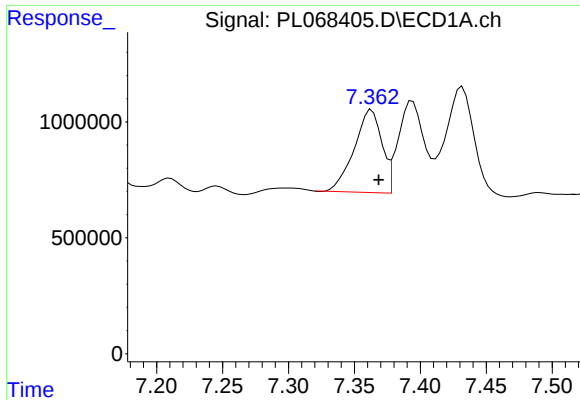
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

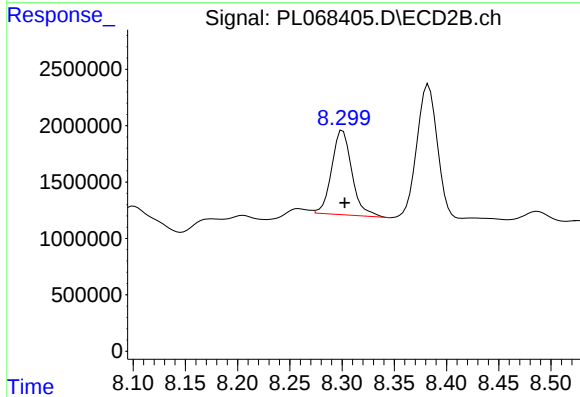
R.T.: 8.026 min
Delta R.T.: -0.008 min
Response: 2841427
Conc: 2.51 ng/ml



#10 gamma-Chlordane

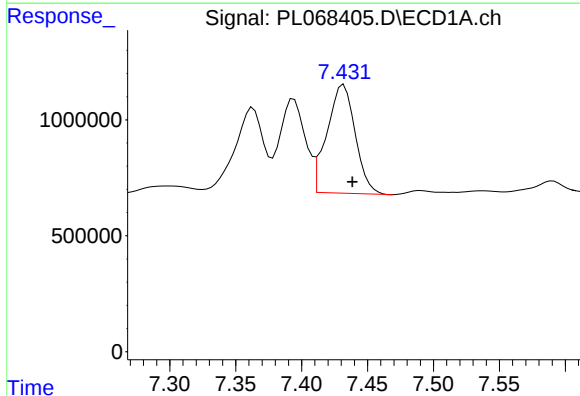
R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 5204056
Conc: 9.07 ng/ml

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



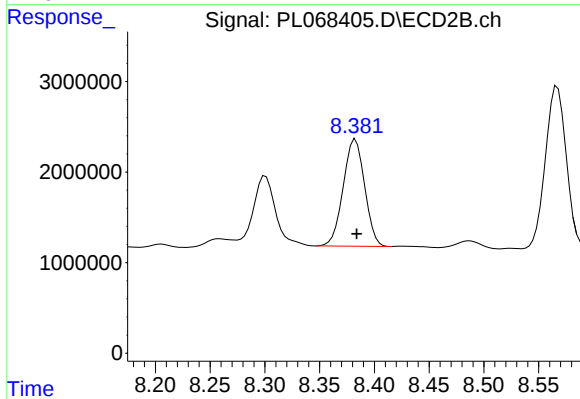
#10 gamma-Chlordane

R.T.: 8.301 min
Delta R.T.: -0.002 min
Response: 10073489
Conc: 8.94 ng/ml



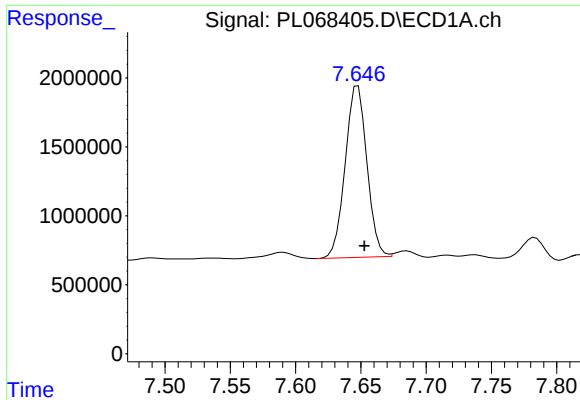
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.007 min
Response: 6971799
Conc: 12.14 ng/ml



#11 alpha-Chlordane

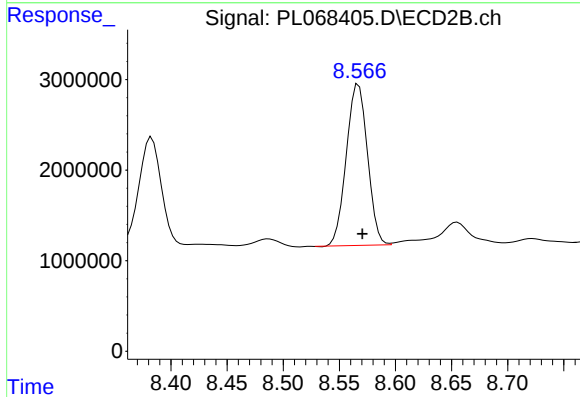
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 16109700
Conc: 14.32 ng/ml



#12 4,4'-DDE

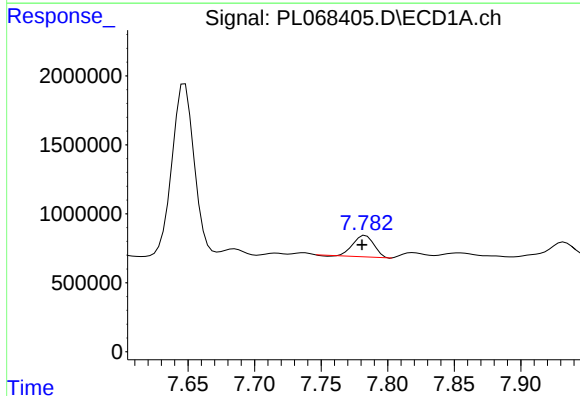
R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 14394186
Conc: 28.56 ng/ml

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



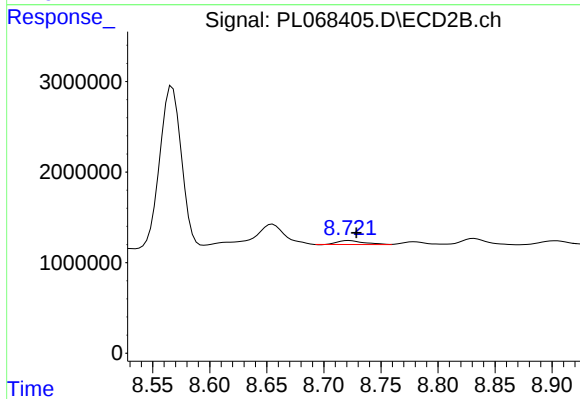
#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 23421099
Conc: 22.73 ng/ml



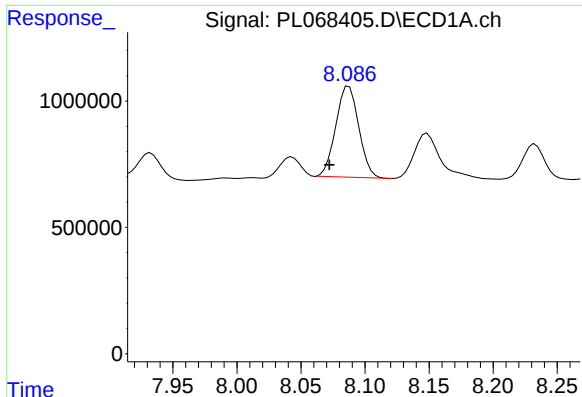
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 1705186
Conc: 3.17 ng/ml



#13 Dieldrin

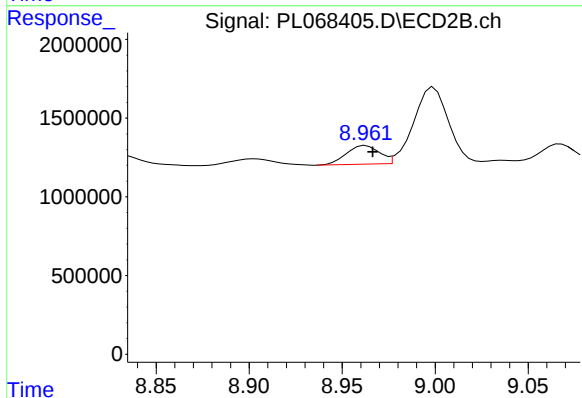
R.T.: 8.722 min
Delta R.T.: -0.006 min
Response: 690306
Conc: 0.65 ng/ml



#14 Endrin

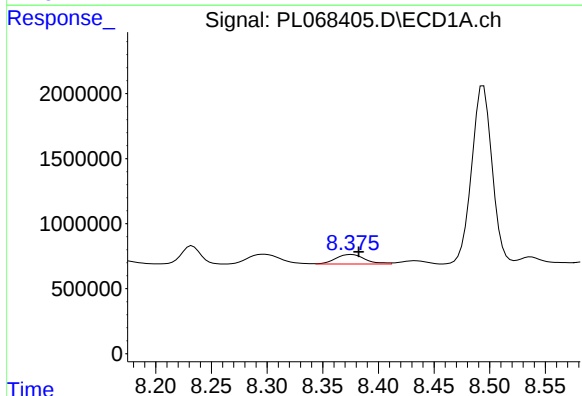
R.T.: 8.087 min
Delta R.T.: 0.015 min
Response: 4486264
Conc: 8.97 ng/ml

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



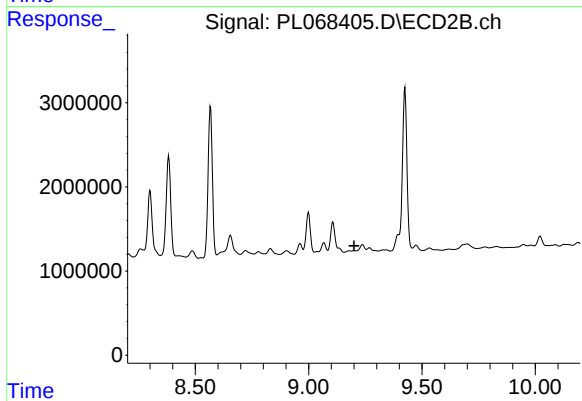
#14 Endrin

R.T.: 8.963 min
Delta R.T.: -0.004 min
Response: 1453529
Conc: 1.63 ng/ml



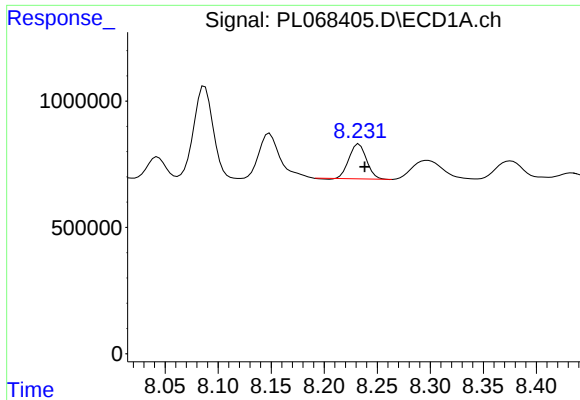
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.007 min
Response: 1347906
Conc: 2.73 ng/ml



#15 Endosulfan II

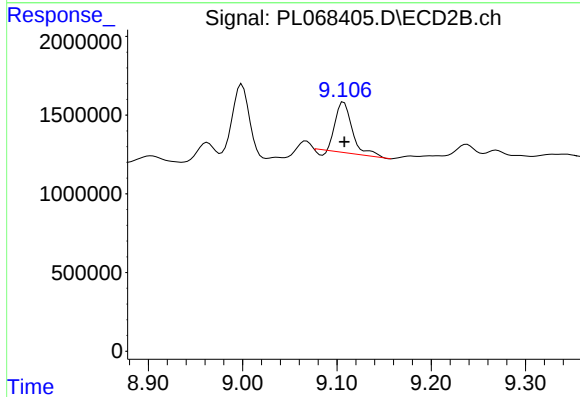
R.T.: 0.000 min
Exp R.T.: 9.201 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

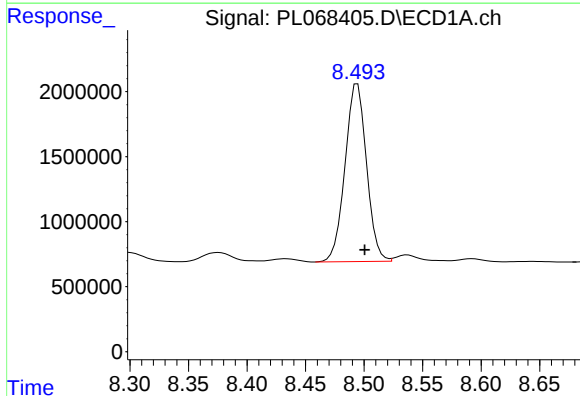
R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 1574678
Conc: 3.53 ng/ml

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



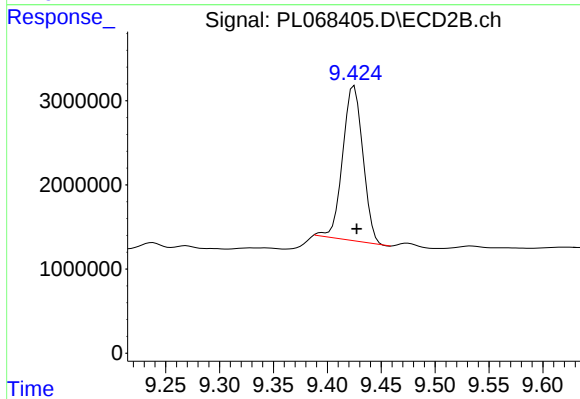
#16 4,4'-DDD

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 3891911
Conc: 4.57 ng/ml



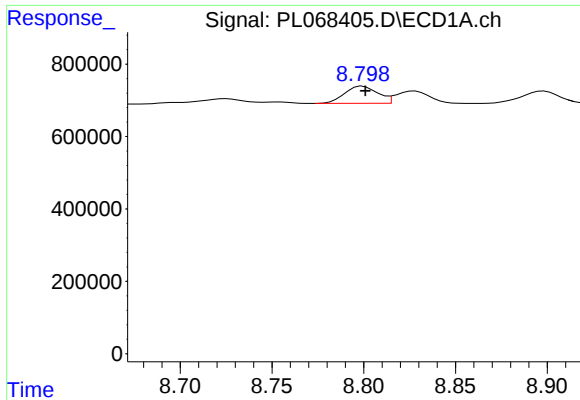
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 17456961
Conc: 34.80 ng/ml



#17 4,4'-DDT

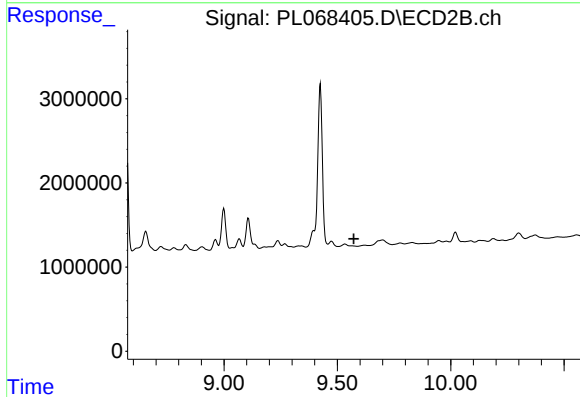
R.T.: 9.425 min
Delta R.T.: -0.002 min
Response: 24107616
Conc: 25.54 ng/ml



#19 Endosulfan Sulfate

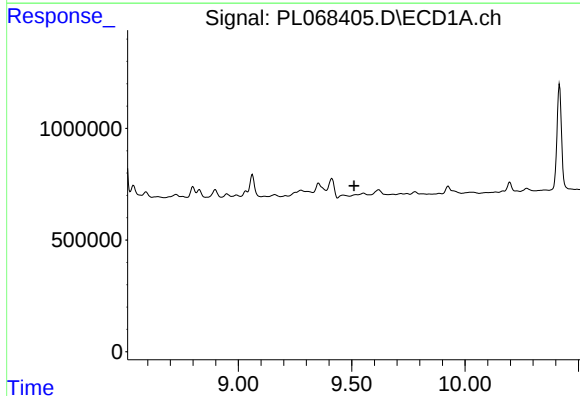
R.T.: 8.799 min
Delta R.T.: -0.001 min
Response: 592470
Conc: 1.13 ng/ml

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



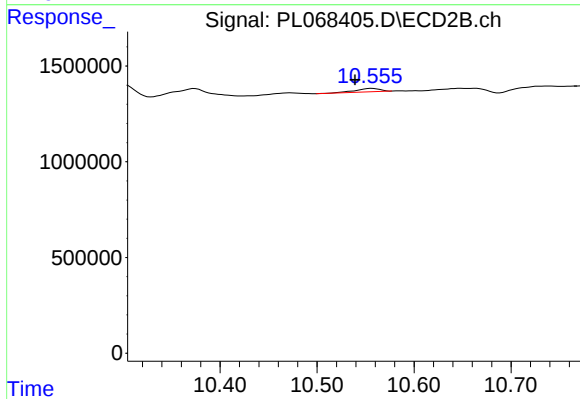
#19 Endosulfan Sulfate

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



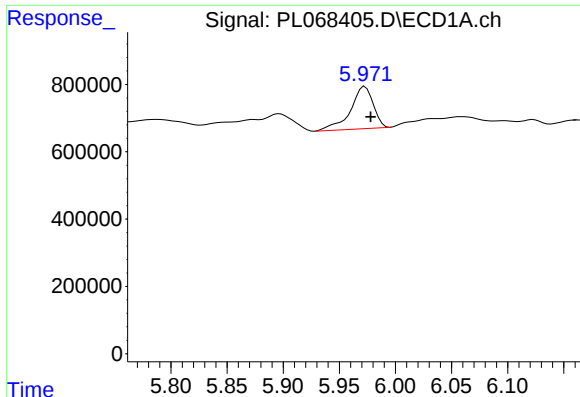
#22 Mirex

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



#22 Mirex

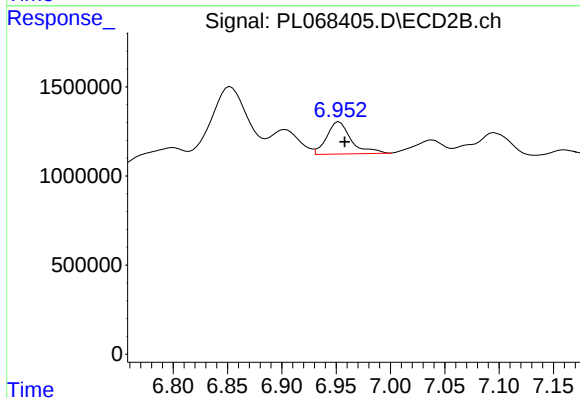
R.T.: 10.556 min
Delta R.T.: 0.017 min
Response: 302081
Conc: 0.39 ng/ml



#23 Chlordane-1

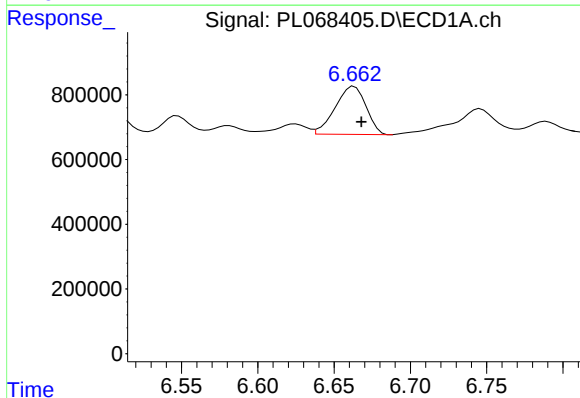
R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 1760876
Conc: 117.06 ng/ml

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



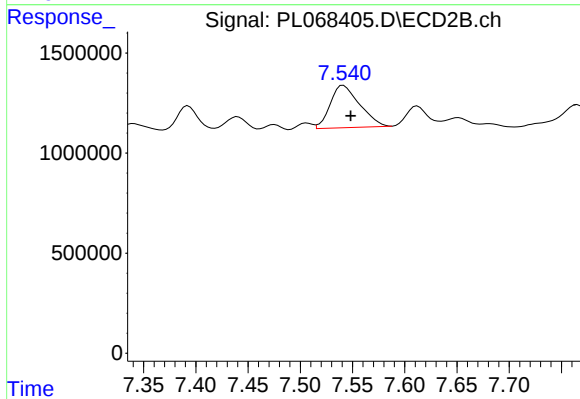
#23 Chlordane-1

R.T.: 6.953 min
Delta R.T.: -0.005 min
Response: 2806438
Conc: 69.28 ng/ml



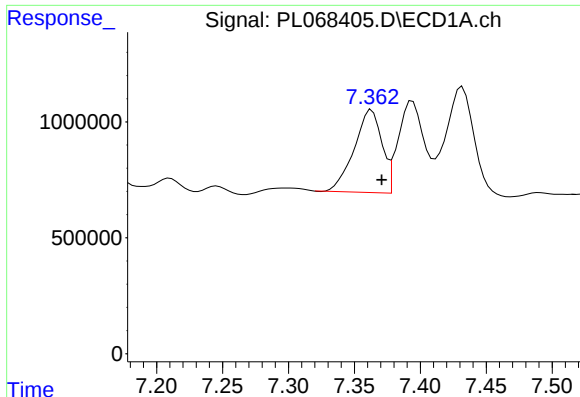
#24 Chlordane-2

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 2090469
Conc: 97.47 ng/ml



#24 Chlordane-2

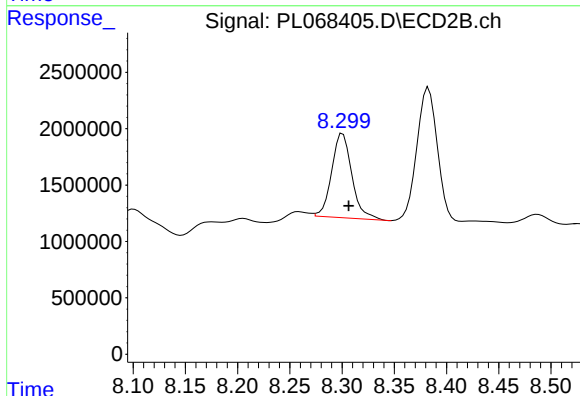
R.T.: 7.541 min
Delta R.T.: -0.007 min
Response: 4142930
Conc: 99.58 ng/ml



#25 Chlordane-3

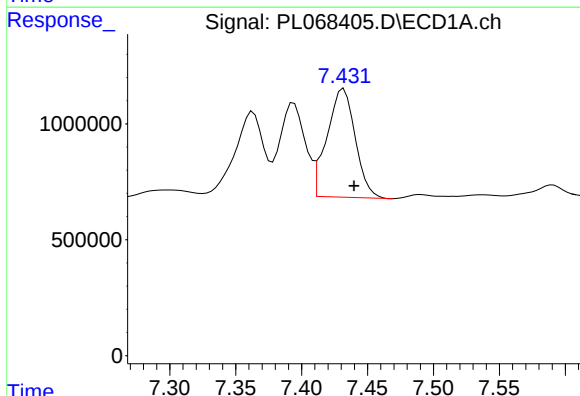
R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 5204056
Conc: 96.63 ng/ml

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



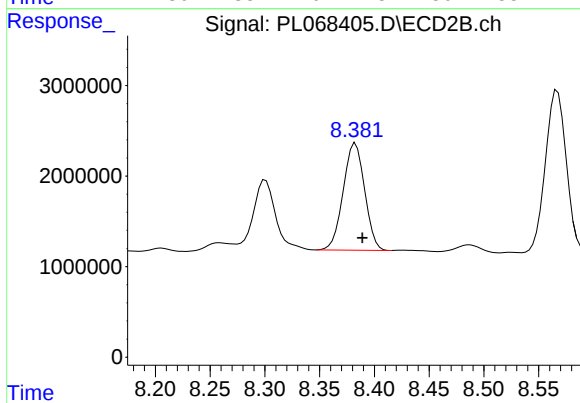
#25 Chlordane-3

R.T.: 8.301 min
Delta R.T.: -0.006 min
Response: 10073489
Conc: 65.04 ng/ml



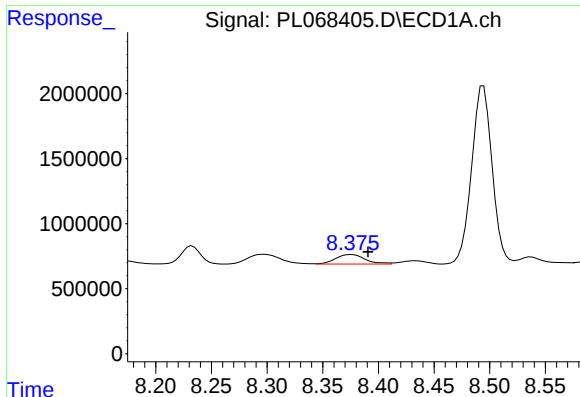
#26 Chlordane-4

R.T.: 7.432 min
Delta R.T.: -0.008 min
Response: 6971799
Conc: 123.48 ng/ml



#26 Chlordane-4

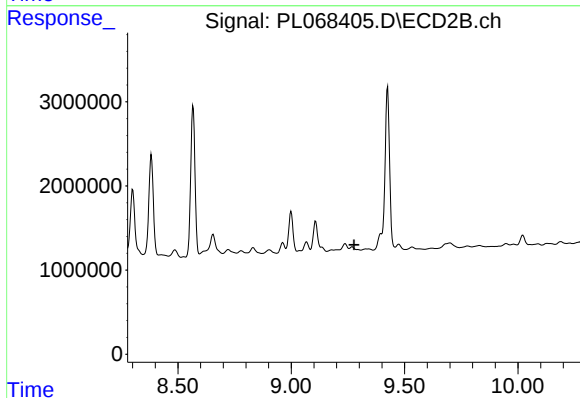
R.T.: 8.383 min
Delta R.T.: -0.006 min
Response: 16109700
Conc: 85.93 ng/ml



#27 Chlordane-5

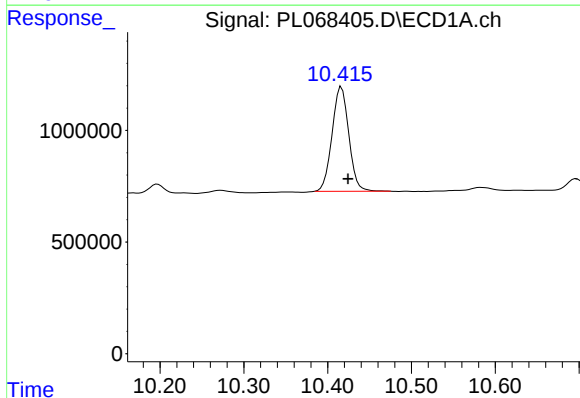
R.T.: 8.376 min
Delta R.T.: -0.015 min
Response: 1347906
Conc: 66.97 ng/ml

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



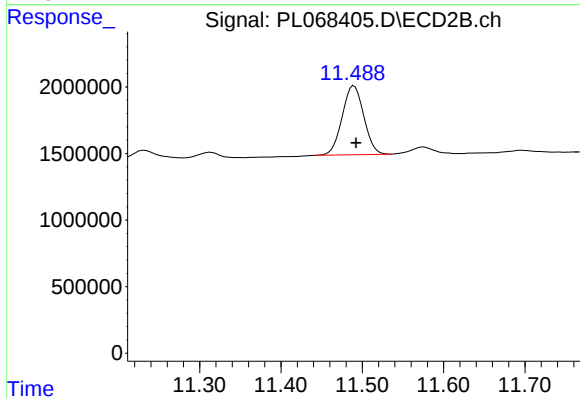
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.008 min
Response: 6491283
Conc: 11.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 9534675
Conc: 10.69 ng/ml