

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080524\
 Data File : PL090800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 21:35
 Operator : AR\AJ
 Sample : P3390-02
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

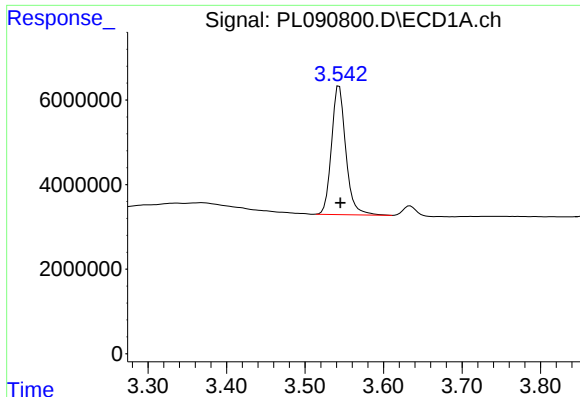
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:31:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 05 19:07:18 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.544	2.785	38475950	35292718	19.871	20.414
28)	SA Decachlor...	9.052	7.926	31391801	34995027	21.849	20.965
Target Compounds							
2)	A alpha-BHC	0.000	3.273f	0	219639	N.D.	0.089 #
3)	MA gamma-BHC...	0.000	3.637f	0	410433	N.D.	0.175 #
4)	MA Heptachlor	4.919	3.959	11356922	6386839	4.592	2.755 #
5)	MB Aldrin	0.000	4.257	0	761816	N.D.	0.344 #
6)	B beta-BHC	0.000	3.917	0	77078	N.D.	0.072 #
7)	B delta-BHC	0.000	4.143	0	590401	N.D.	0.264 #
8)	B Heptachlo...	5.670f	0.000	5732367	0	2.523	N.D. #
9)	A Endosulfan I	0.000	5.099f	0	1348385	N.D.	0.698 #
10)	B gamma-Chl...	5.942	4.991	23645521	13865171	10.465	6.492 #
11)	B alpha-Chl...	6.024	5.054	28332770	13536847	12.651	6.345 #
12)	B 4,4'-DDE	0.000	5.240	0	79027	N.D.	0.042 #
13)	MA Dieldrin	0.000	5.400f	0	81929	N.D.	0.040 #
14)	MA Endrin	0.000	5.658	0	903437	N.D.	0.494 #
15)	B Endosulfa...	0.000	5.949	0	5068986	N.D.	2.791 #
16)	A 4,4'-DDD	0.000	5.779f	0	313157	N.D.	0.202 #
17)	MA 4,4'-DDT	0.000	6.055	0	38324	N.D.	0.023 #
18)	B Endrin al...	0.000	6.131	0	48435	N.D.	0.034 #
19)	B Endosulfa...	0.000	6.350	0	166143	N.D.	0.095 #
20)	A Methoxychlor	0.000	6.620	0	65772	N.D.	0.071 #
21)	B Endrin ke...	0.000	6.830f	0	35184	N.D.	0.018 #
22)	Mirex	0.000	7.064f	0	76990	N.D.	0.046 #
23)	Chlordane-1	4.705	3.784	6357089	4498974	67.941	66.730
24)	Chlordane-2	0.000	4.362	0	6340481	N.D.	76.232 #
25)	Chlordane-3	5.942	4.991	23645521	13865171	71.903	61.917
26)	Chlordane-4	6.024	5.054	28332770	13536847	70.700	63.268
27)	Chlordane-5	0.000	5.720	0	3759048	N.D.	56.247 #

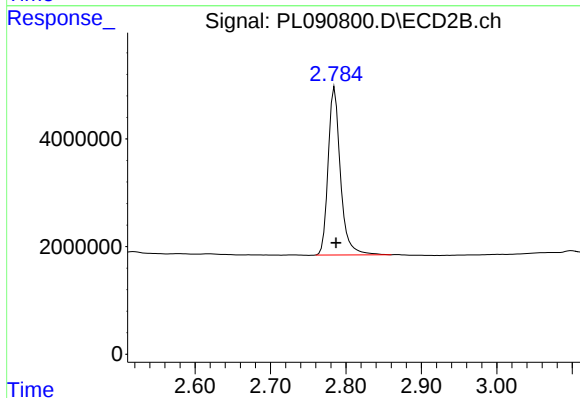
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

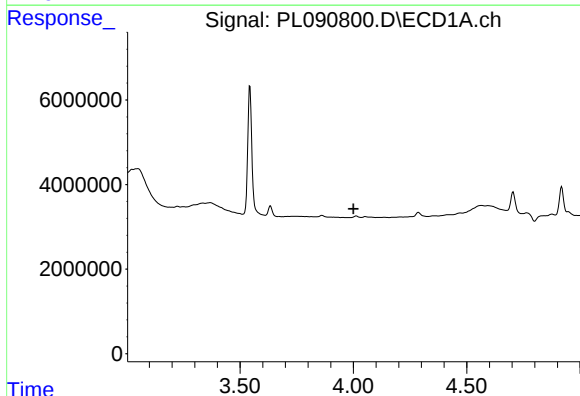
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 38475950
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



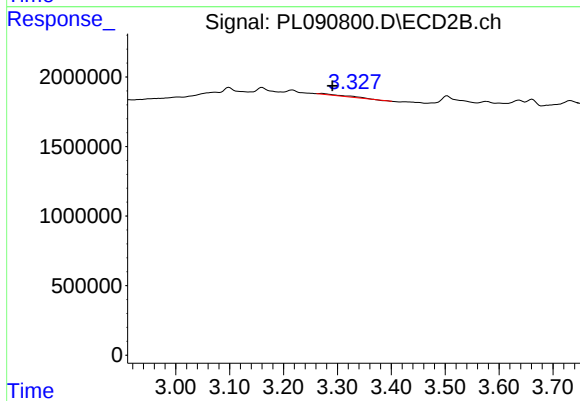
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.002 min
Response: 35292718
Conc: 20.41 ng/ml



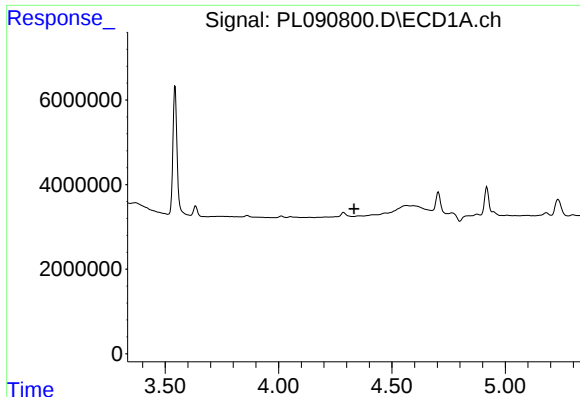
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

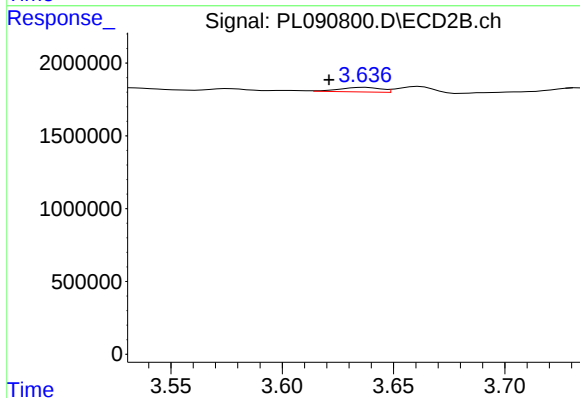
R.T.: 3.273 min
Delta R.T.: -0.018 min
Response: 219639
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

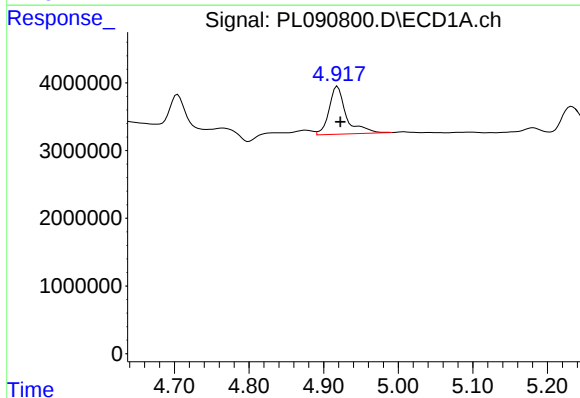
R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



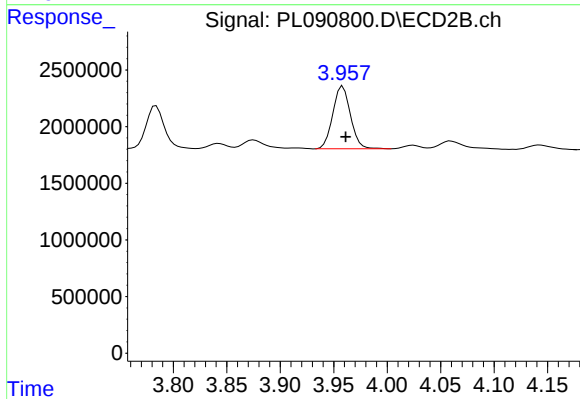
#3 gamma-BHC (Lindane)

R.T.: 3.637 min
Delta R.T.: 0.016 min
Response: 410433
Conc: 0.18 ng/ml



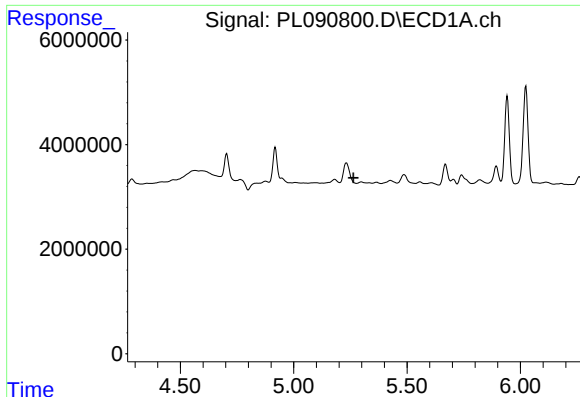
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 11356922
Conc: 4.59 ng/ml



#4 Heptachlor

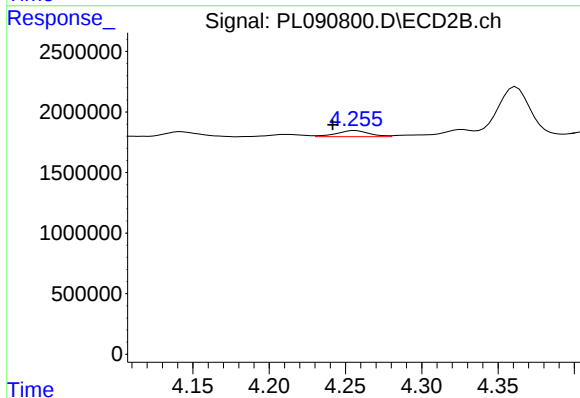
R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 6386839
Conc: 2.75 ng/ml



#5 Aldrin

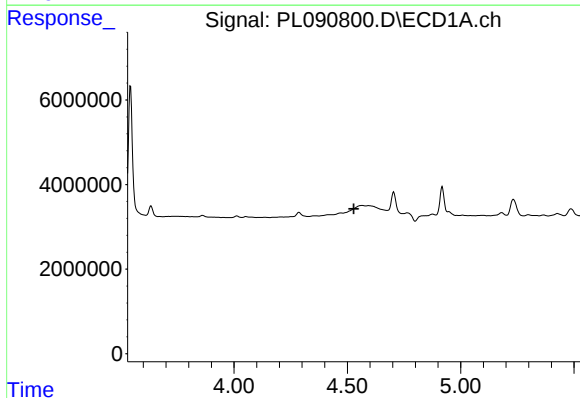
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



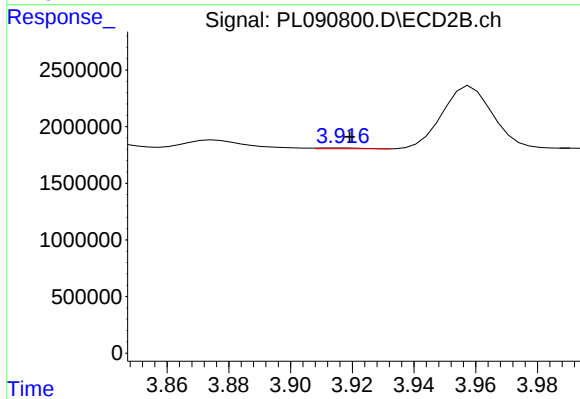
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.015 min
Response: 761816
Conc: 0.34 ng/ml



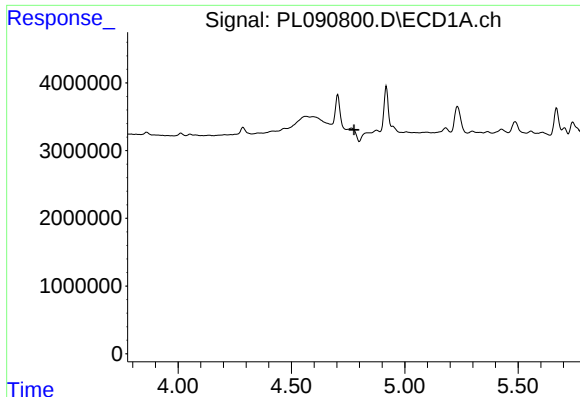
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.529 min
Response: 0
Conc: N.D.



#6 beta-BHC

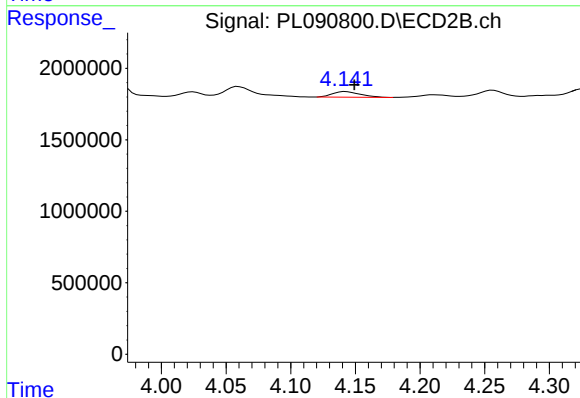
R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 77078
Conc: 0.07 ng/ml



#7 delta-BHC

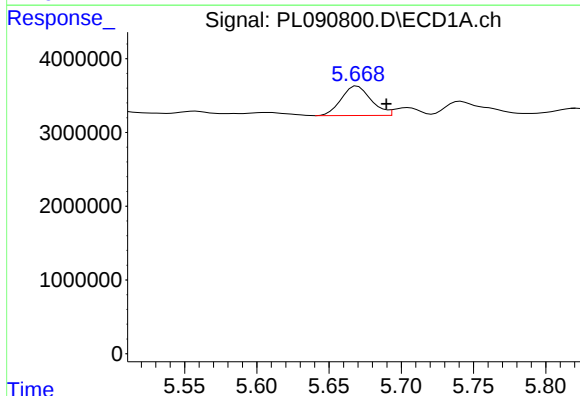
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



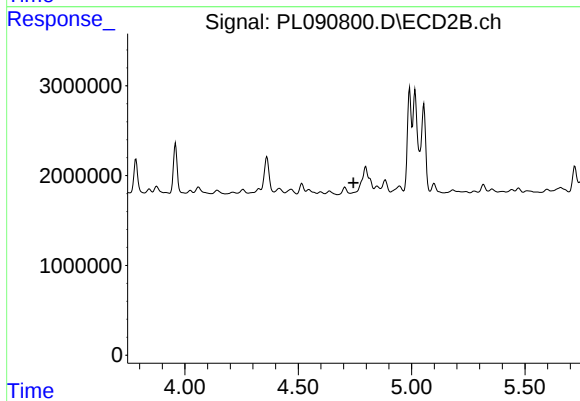
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.007 min
Response: 590401
Conc: 0.26 ng/ml



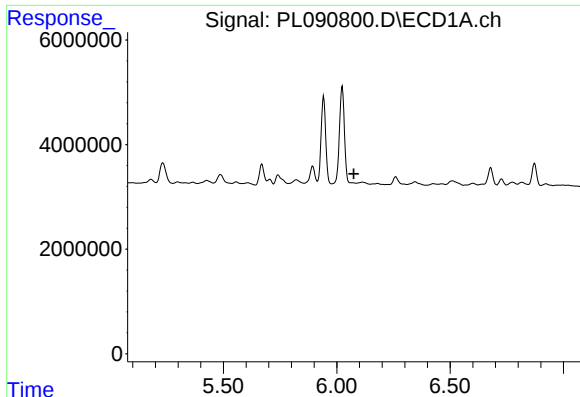
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.020 min
Response: 5732367
Conc: 2.52 ng/ml



#8 Heptachlor epoxide

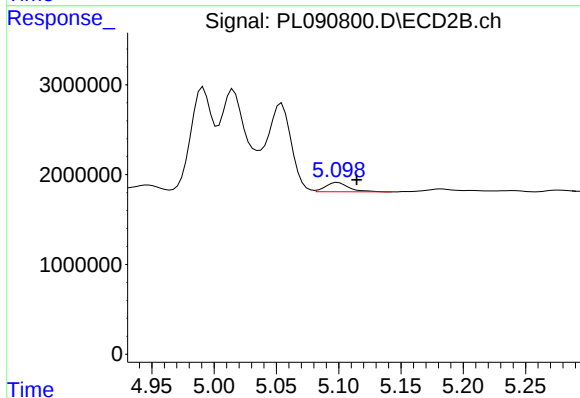
R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024

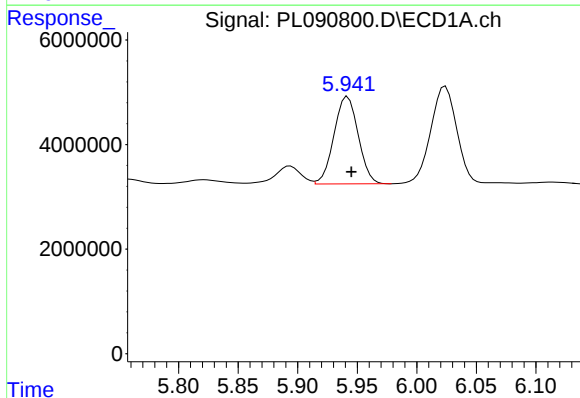


#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.015 min
Response: 1348385
Conc: 0.70 ng/ml

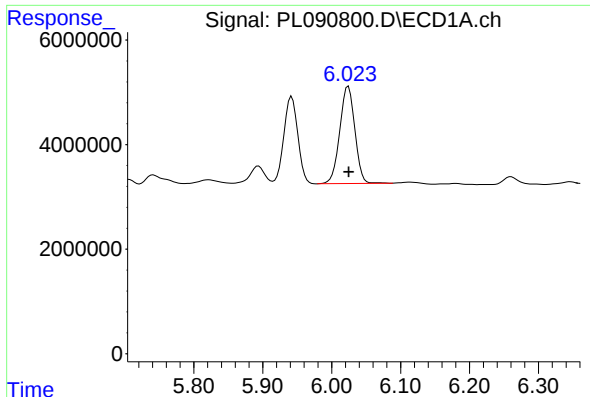
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 23645521
Conc: 10.46 ng/ml



#10 gamma-Chlordane

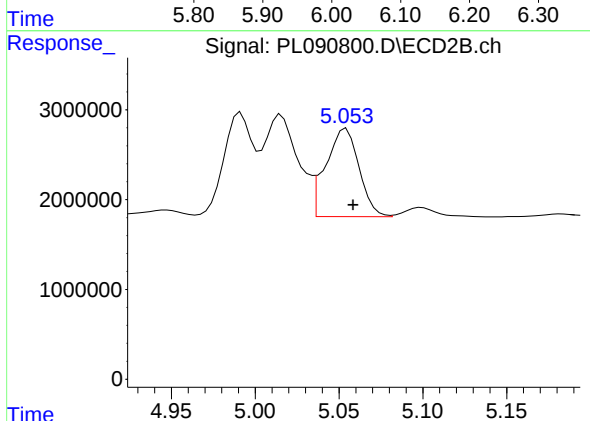
R.T.: 4.991 min
Delta R.T.: -0.003 min
Response: 13865171
Conc: 6.49 ng/ml



#11 alpha-Chlordane

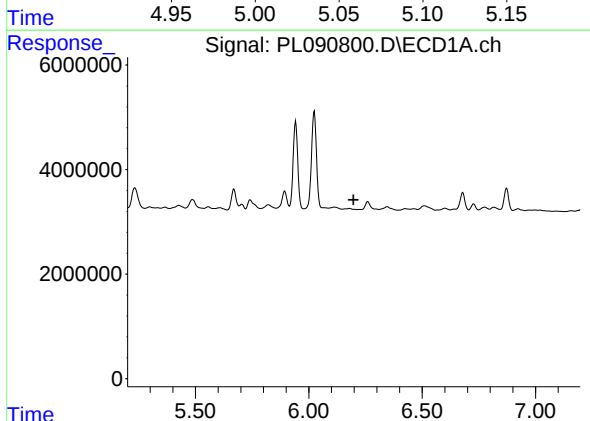
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 28332770
Conc: 12.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



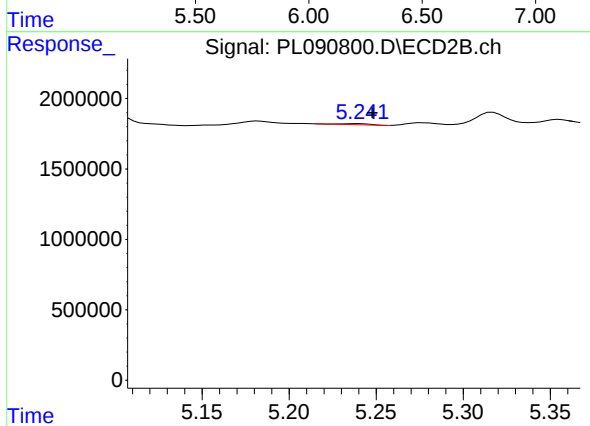
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: -0.004 min
Response: 13536847
Conc: 6.34 ng/ml



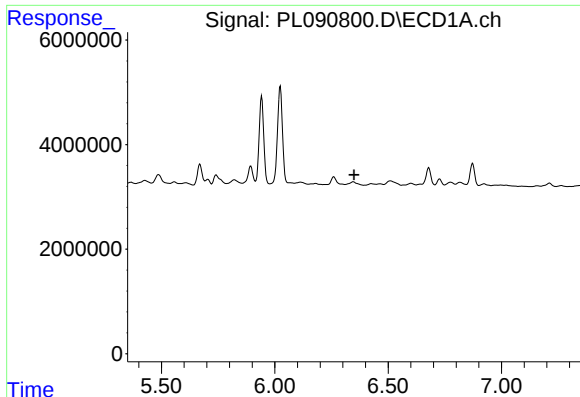
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

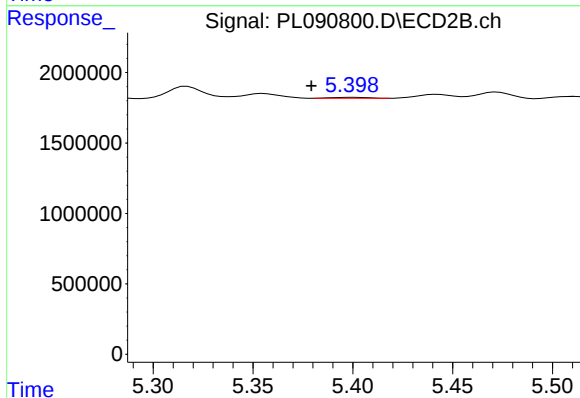
R.T.: 5.240 min
Delta R.T.: -0.008 min
Response: 79027
Conc: 0.04 ng/ml



#13 Dieldrin

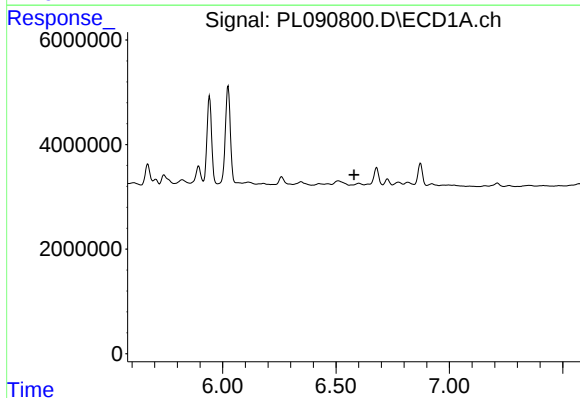
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



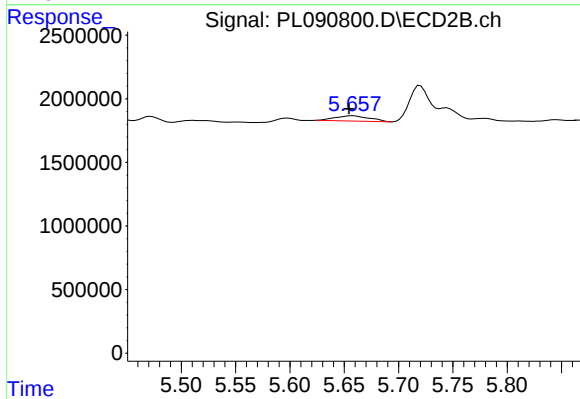
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: 0.020 min
Response: 81929
Conc: 0.04 ng/ml



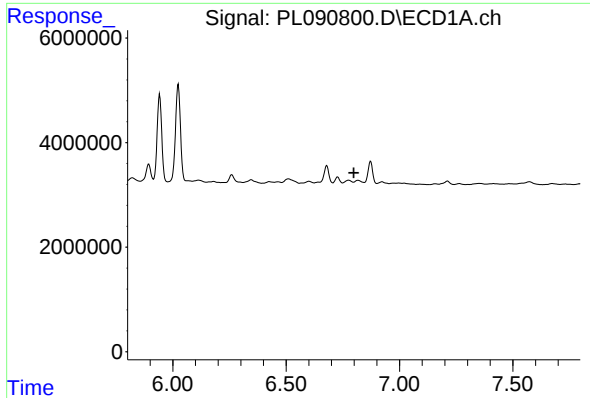
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.



#14 Endrin

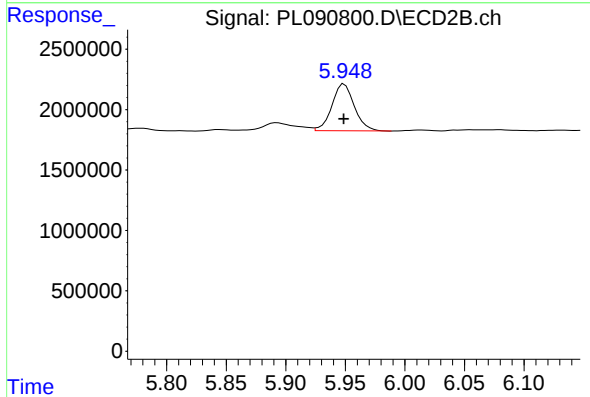
R.T.: 5.658 min
Delta R.T.: 0.003 min
Response: 903437
Conc: 0.49 ng/ml



#15 Endosulfan II

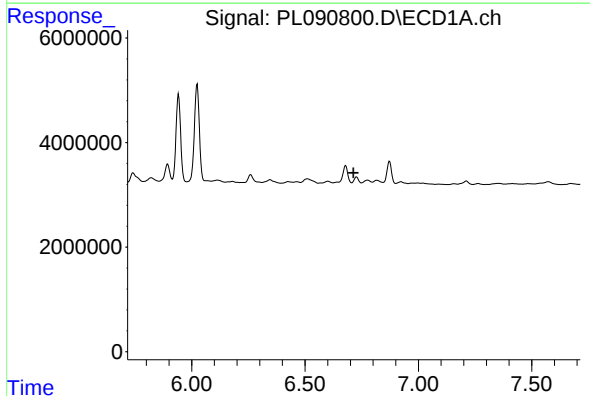
R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



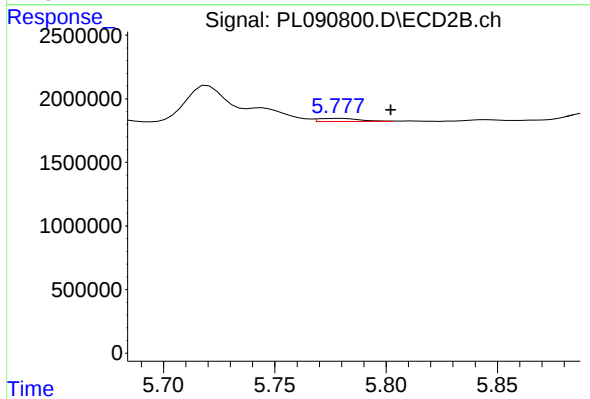
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 5068986
Conc: 2.79 ng/ml



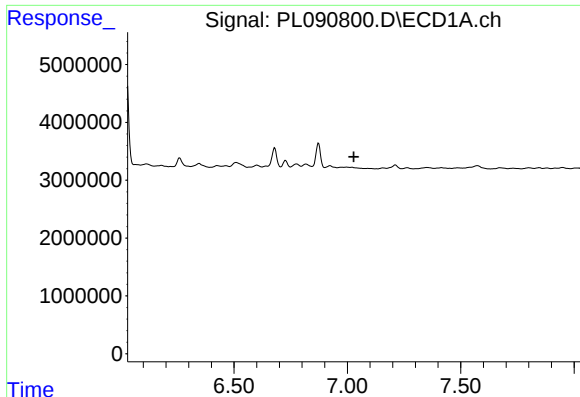
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

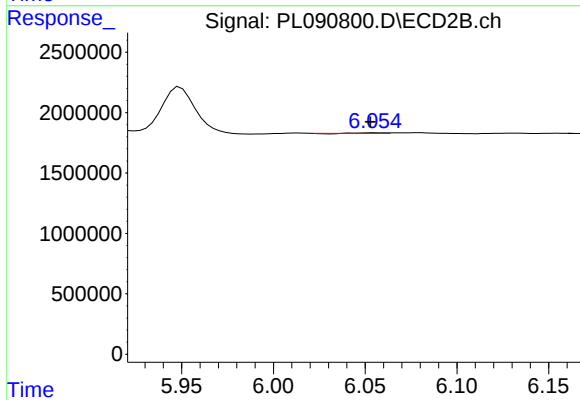
R.T.: 5.779 min
Delta R.T.: -0.023 min
Response: 313157
Conc: 0.20 ng/ml



#17 4,4'-DDT

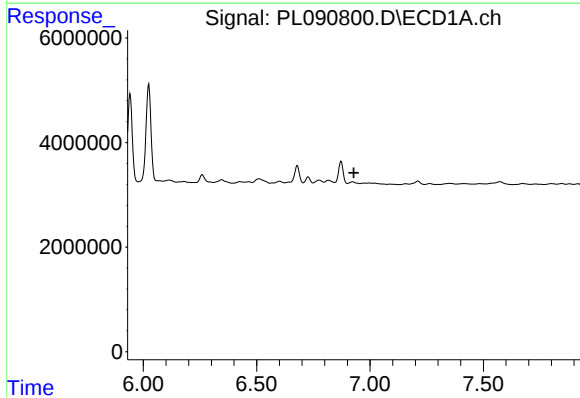
R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



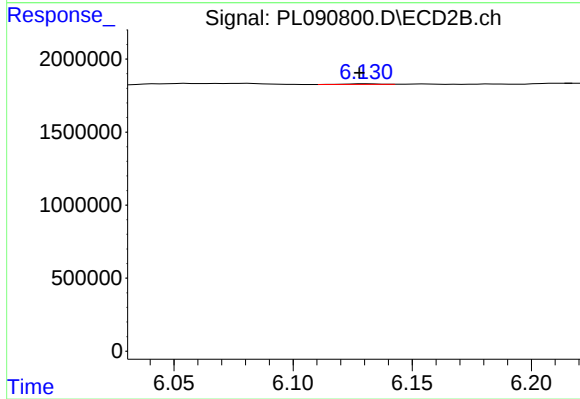
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.003 min
Response: 38324
Conc: 0.02 ng/ml



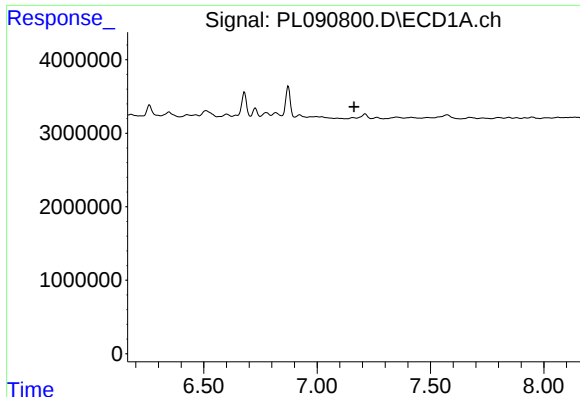
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.929 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

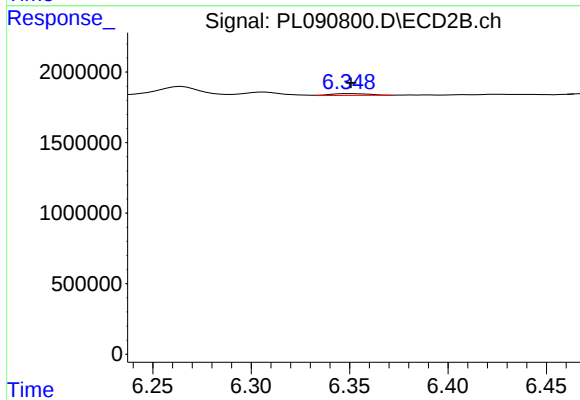
R.T.: 6.131 min
Delta R.T.: 0.004 min
Response: 48435
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

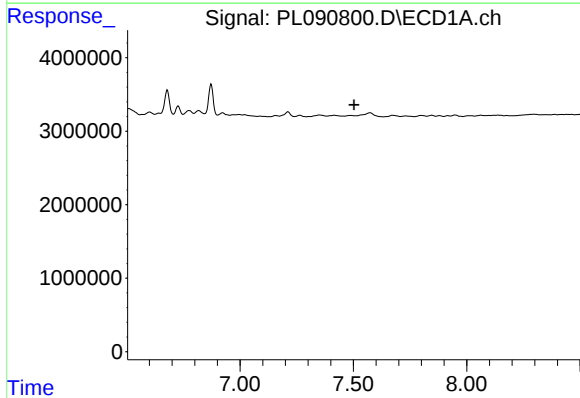
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



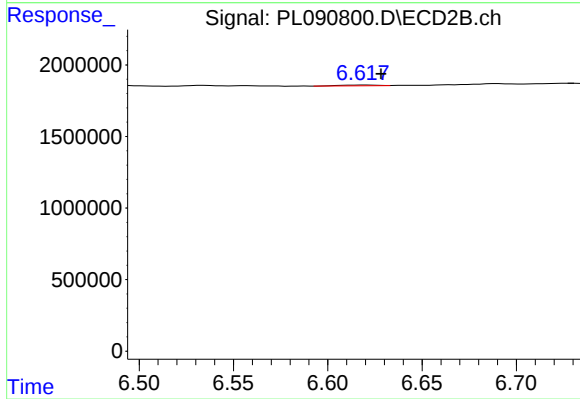
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 166143
Conc: 0.10 ng/ml



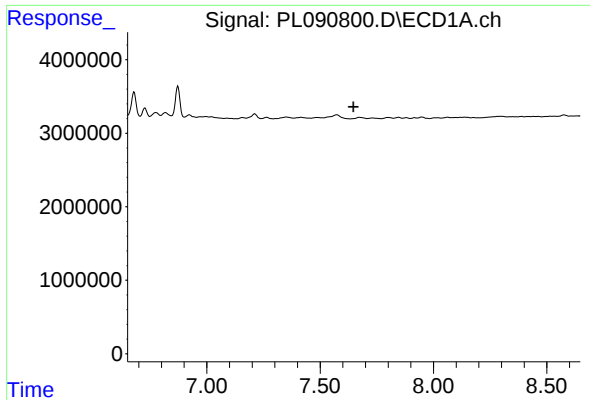
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.504 min
Response: 0
Conc: N.D.



#20 Methoxychlor

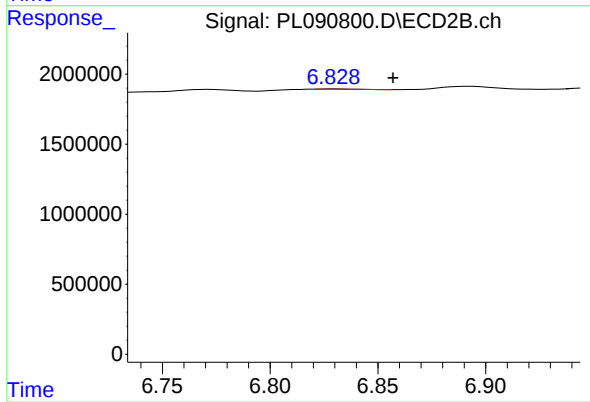
R.T.: 6.620 min
Delta R.T.: -0.009 min
Response: 65772
Conc: 0.07 ng/ml



#21 Endrin ketone

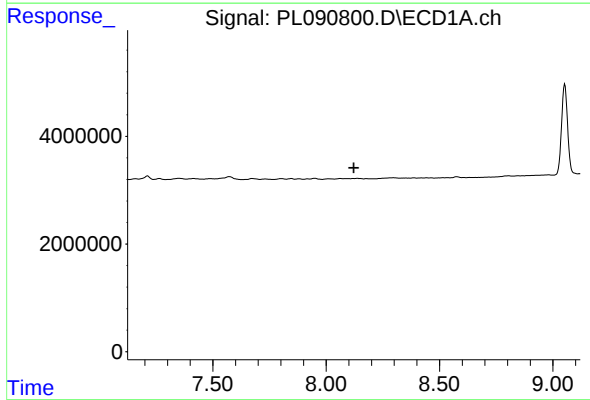
R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



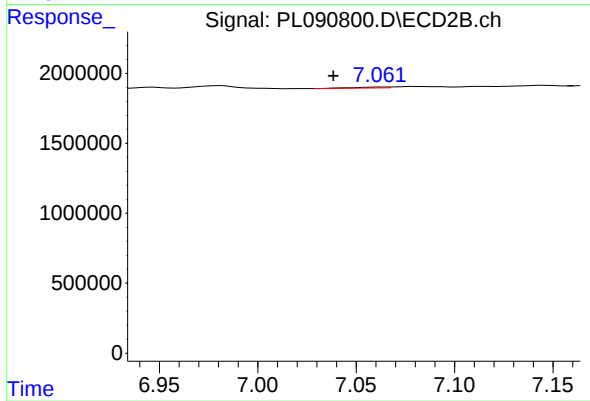
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.027 min
Response: 35184
Conc: 0.02 ng/ml



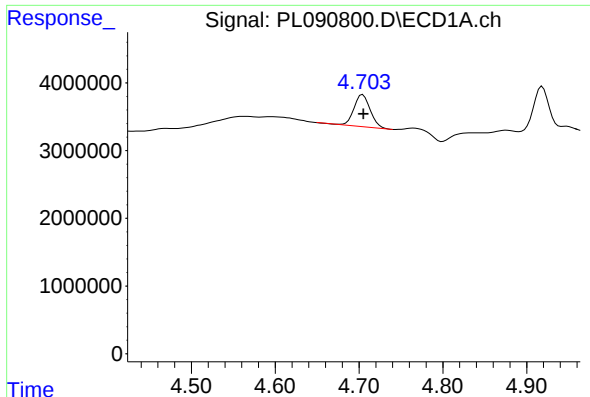
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.121 min
Response: 0
Conc: N.D.



#22 Mirex

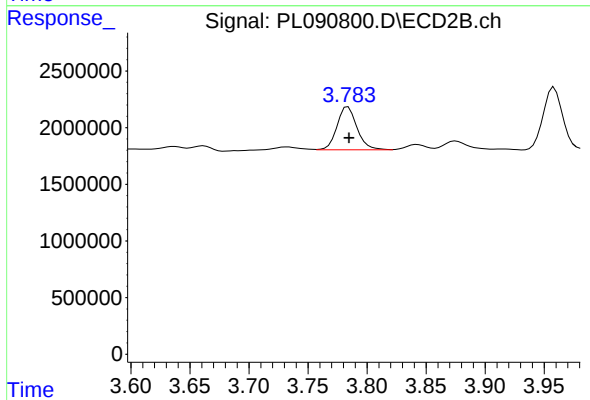
R.T.: 7.064 min
Delta R.T.: 0.026 min
Response: 76990
Conc: 0.05 ng/ml



#23 Chlordane-1

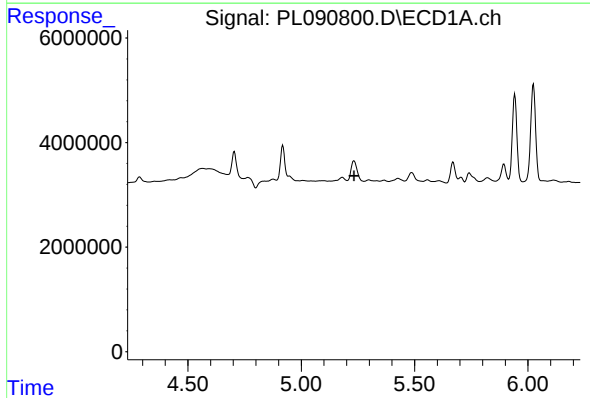
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 6357089
Conc: 67.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



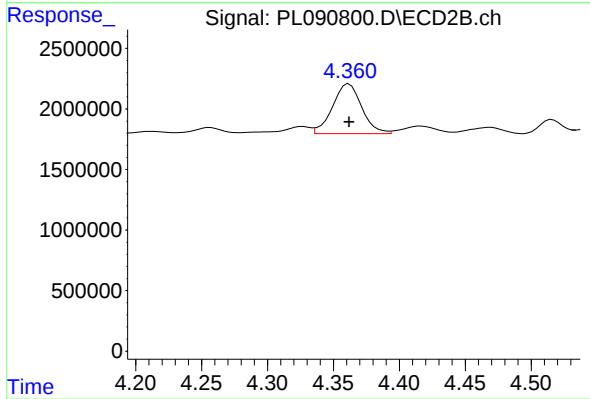
#23 Chlordane-1

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 4498974
Conc: 66.73 ng/ml



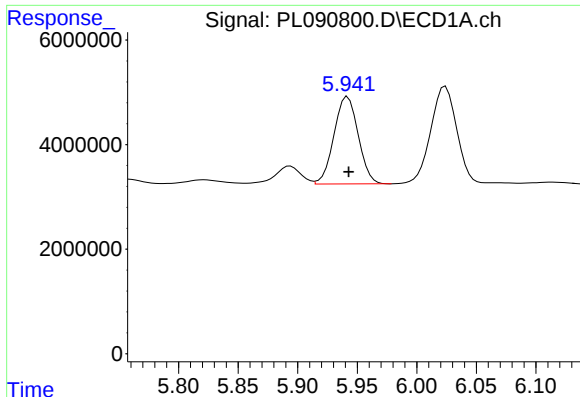
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.233 min
Response: 0
Conc: N.D.



#24 Chlordane-2

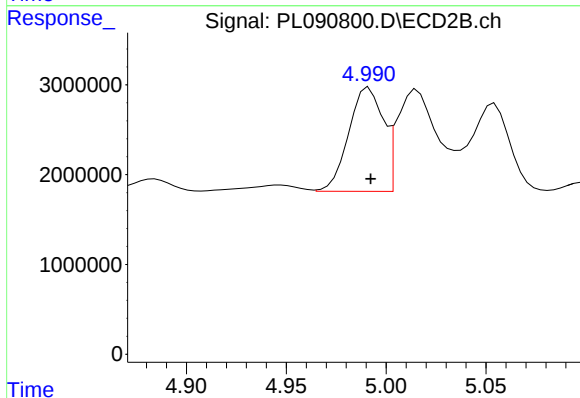
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 6340481
Conc: 76.23 ng/ml



#25 Chlordane-3

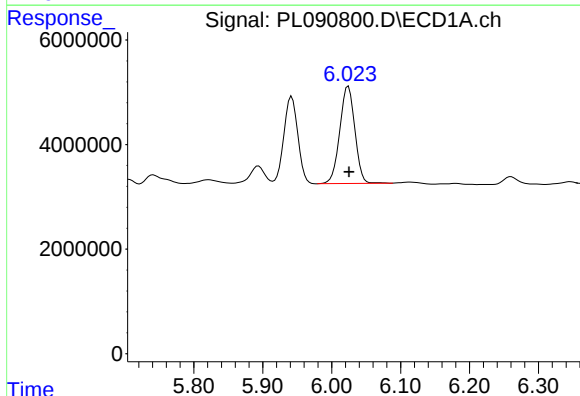
R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 23645521
Conc: 71.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



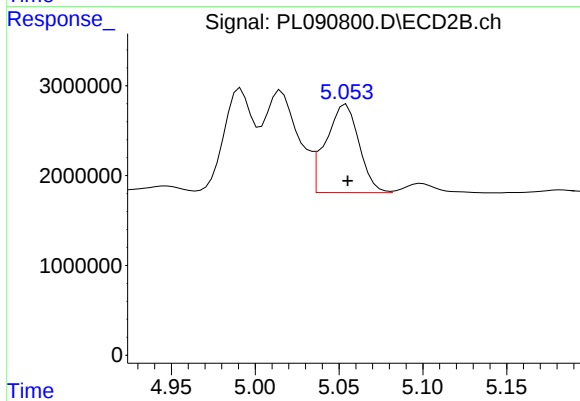
#25 Chlordane-3

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 13865171
Conc: 61.92 ng/ml



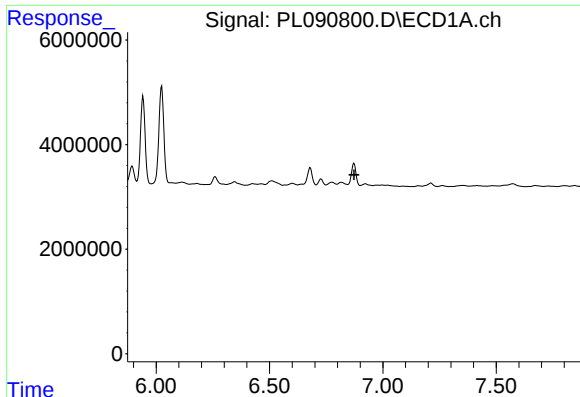
#26 Chlordane-4

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 28332770
Conc: 70.70 ng/ml



#26 Chlordane-4

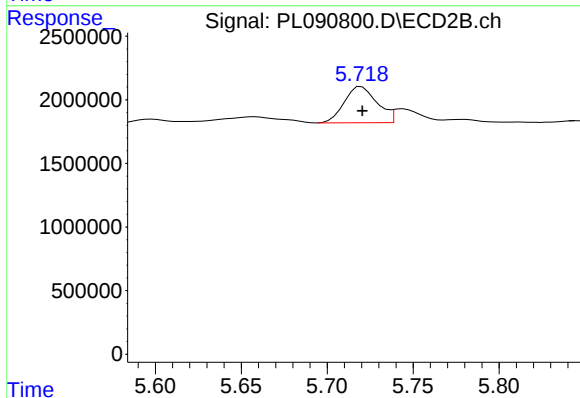
R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 13536847
Conc: 63.27 ng/ml



#27 Chlordane-5

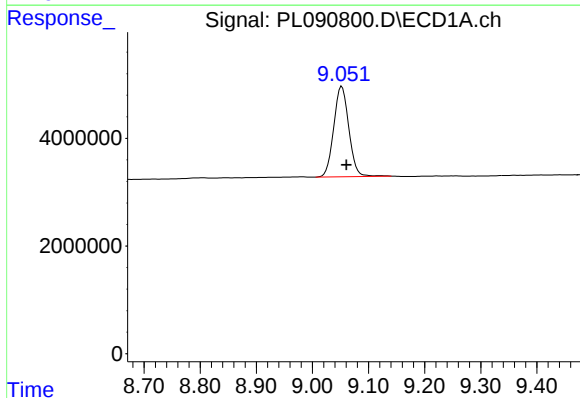
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2024



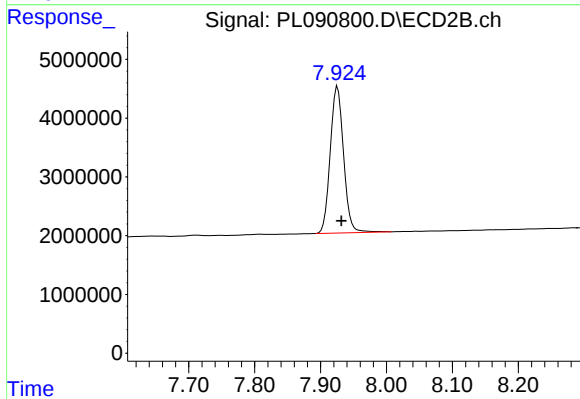
#27 Chlordane-5

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 3759048
Conc: 56.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.008 min
Response: 31391801
Conc: 21.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 34995027
Conc: 20.97 ng/ml