

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 13:10
 Operator : AR\AJ
 Sample : P3390-02
 Misc : PEST LOQ 5PPB/SOIL
 ALS Vial : 11 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 03 00:32:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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	2.787	39772166	33746020	19.101	20.052
28)	SA Decachlor...	9.054	7.926	29299672	36106555	22.049	24.763
Target Compounds							
2)	A alpha-BHC	3.999	3.289	13513487	9889385	4.554	4.093
3)	MA gamma-BHC...	4.331	3.620	13068501	9697515	4.667	4.205
4)	MA Heptachlor	4.920	3.960	14034175	9350739	5.514	4.239
5)	MB Aldrin	5.262	4.240	12869027	10174406	5.151	4.782
6)	B beta-BHC	4.528	3.918	7135729	5035331	5.625	4.878
7)	B delta-BHC	4.774	4.147	13805894	8925473	5.149	4.057
8)	B Heptachlo...	5.687	4.742	13978302	9093531	5.947	4.662
9)	A Endosulfan I	6.072	5.112	12033179	8319628	5.626	4.549
10)	B gamma-Chl...	5.942	4.992	19894801	9376203	8.557	4.625 #
11)	B alpha-Chl...	6.021	5.056	12932671	9420792	5.633	4.662
12)	B 4,4'-DDE	6.194	5.245	10453061	8243741	5.170	4.613
13)	MA Dieldrin	6.347	5.376	11759311	8698285	5.293	4.436
14)	MA Endrin	6.577	5.651	12168639	7346951	6.619	4.269 #
15)	B Endosulfa...	6.795	5.945	12315841	8028400	6.262	4.699
16)	A 4,4'-DDD	6.710	5.799	11988836	7229433	7.102	4.825 #
17)	MA 4,4'-DDT	7.024	6.050	7865771	5450824	4.673	3.720
18)	B Endrin al...	6.925	6.125	8214783	6312157	5.537	4.831
19)	B Endosulfa...	7.158	6.347	10033053	9193104	5.713	5.701
20)	A Methoxychlor	7.499	6.625	4327986	3945194	4.902	4.879
21)	B Endrin ke...	7.644	6.853	10694234	8380119	5.602	4.586
22)	Mirex	8.117	7.035	9049834	7766864	6.390	5.225
23)	Chlordane-1	0.000	3.784	0	69158	N.D.	1.117 #
24)	Chlordane-2	5.262f	4.377	12869027	942134	125.732	12.422 #
25)	Chlordane-3	5.942	4.992	19894801	9376203	60.095	45.366
26)	Chlordane-4	6.021	5.056	12932671	9420792	32.469	48.139 #
27)	Chlordane-5	0.000	5.748f	0	519270	N.D.	8.615 #

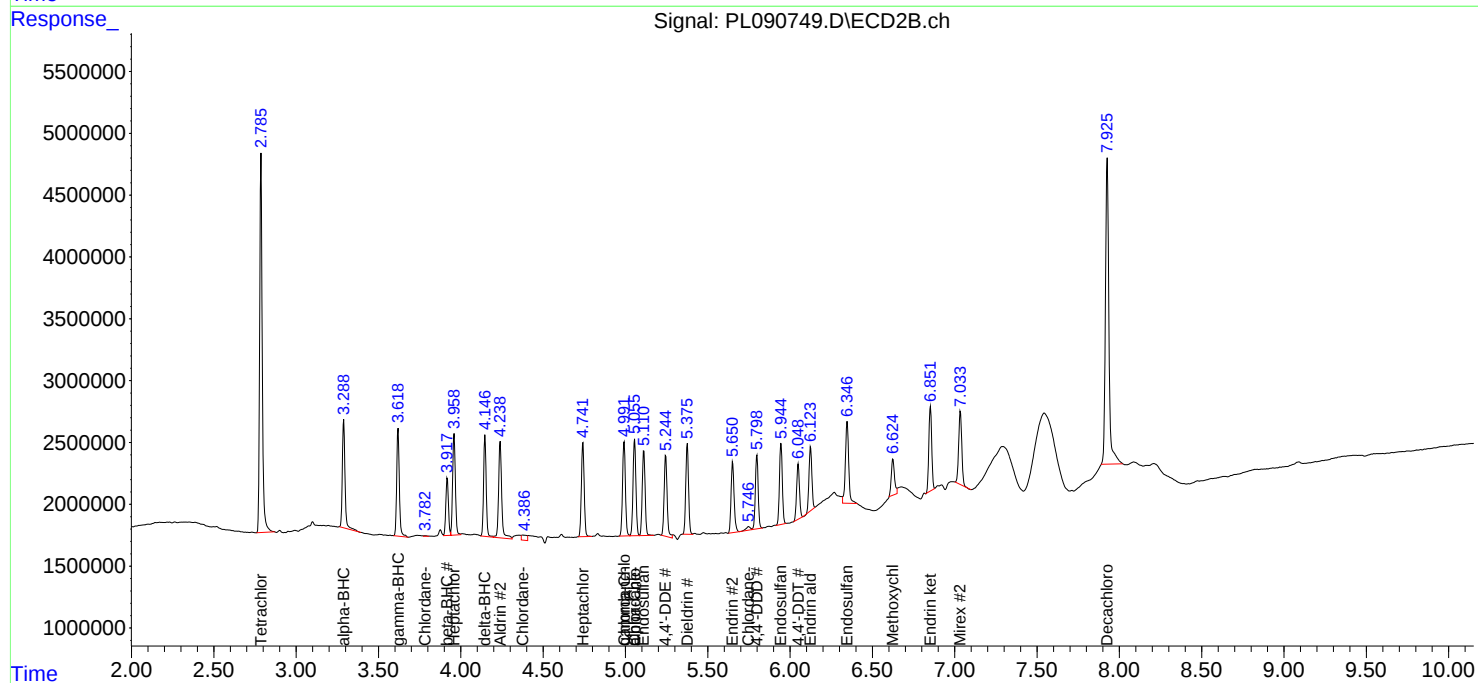
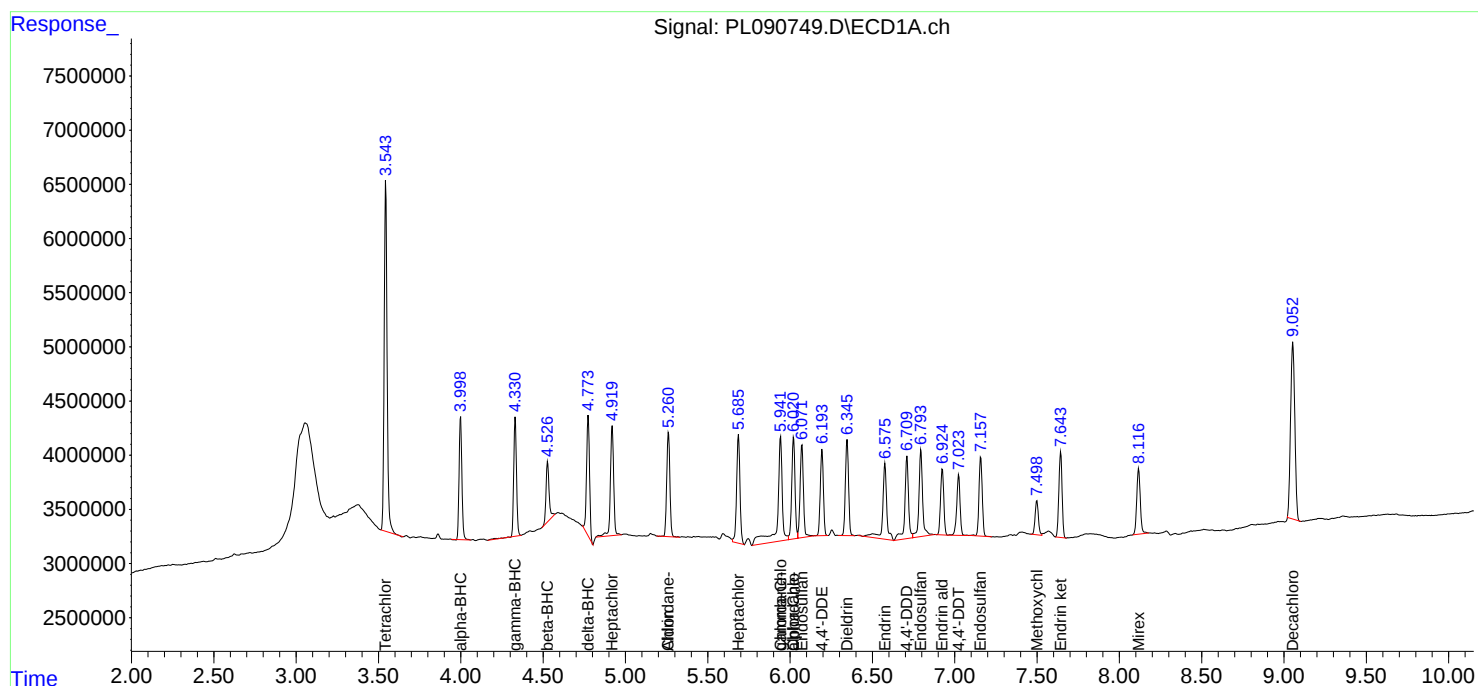
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

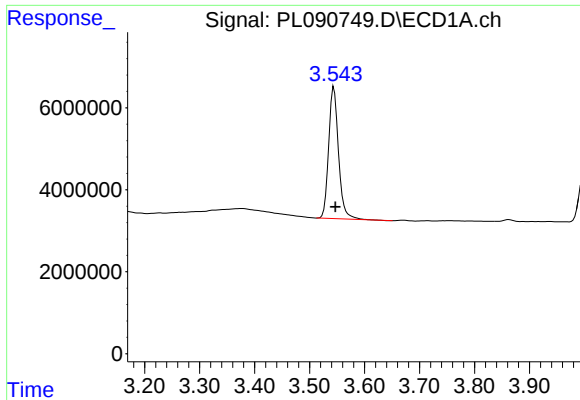
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 13:10
Operator : AR\AJ
Sample : P3390-02
Misc : PEST LOQ 5PPB/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:32:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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

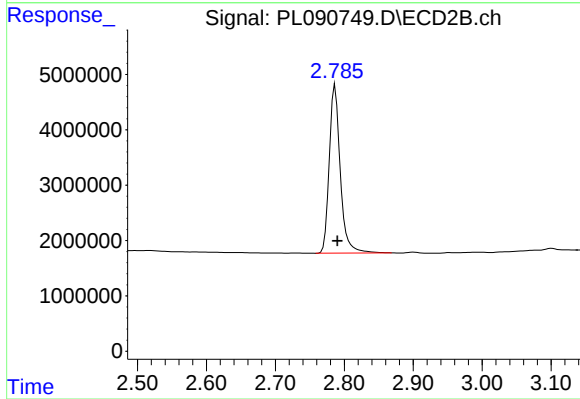




#1 Tetrachloro-m-xylene

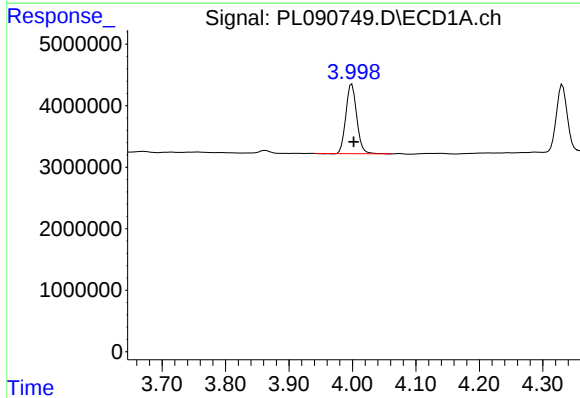
R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 39772166
Conc: 19.10 ng/ml

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



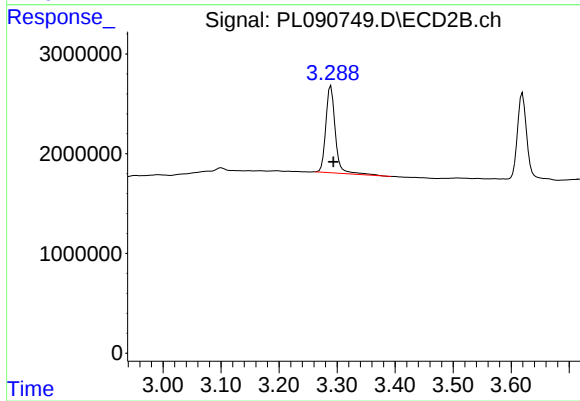
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.003 min
Response: 33746020
Conc: 20.05 ng/ml



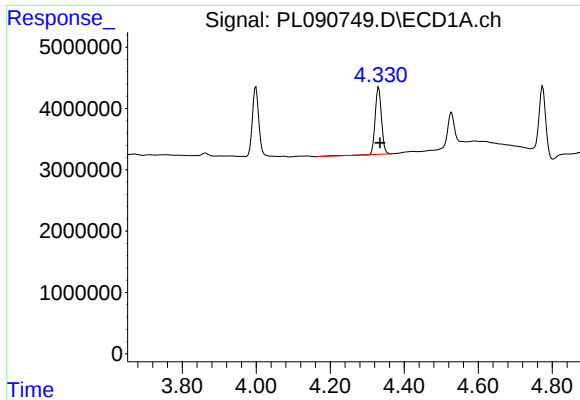
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 13513487
Conc: 4.55 ng/ml



#2 alpha-BHC

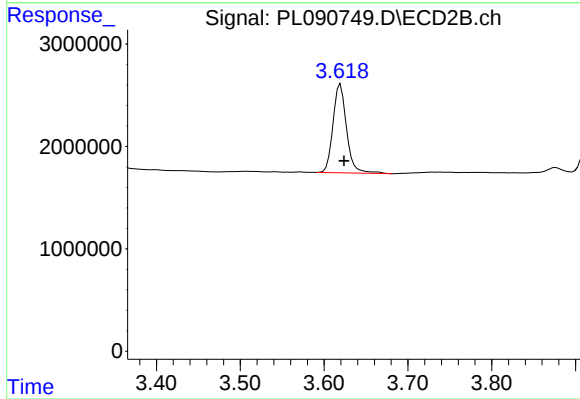
R.T.: 3.289 min
Delta R.T.: -0.004 min
Response: 9889385
Conc: 4.09 ng/ml



#3 gamma-BHC (Lindane)

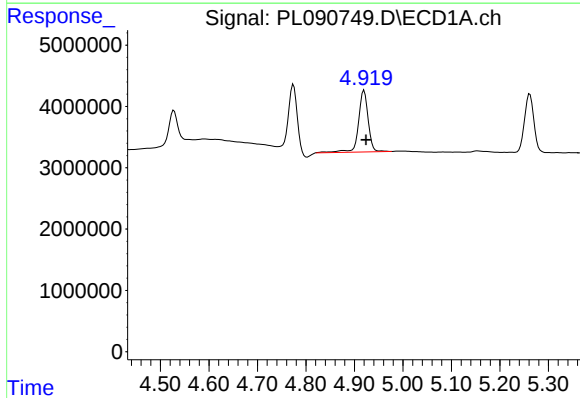
R.T.: 4.331 min
Delta R.T.: -0.003 min
Response: 13068501
Conc: 4.67 ng/ml

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



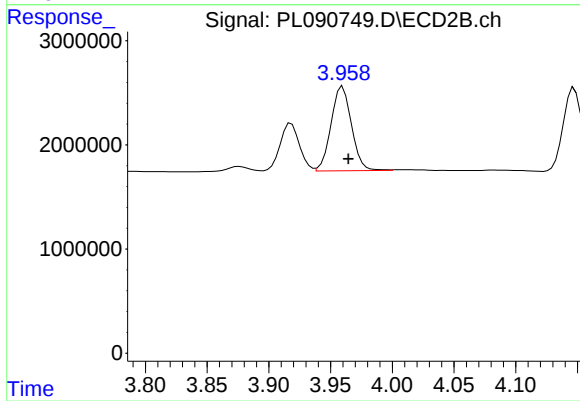
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 9697515
Conc: 4.21 ng/ml



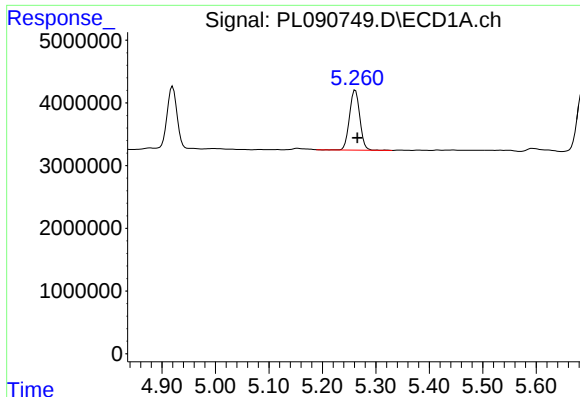
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 14034175
Conc: 5.51 ng/ml



#4 Heptachlor

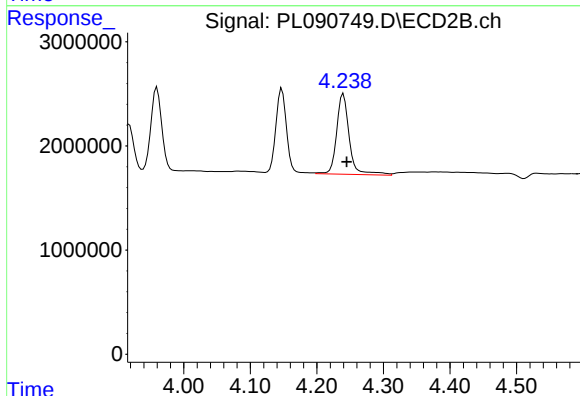
R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 9350739
Conc: 4.24 ng/ml



#5 Aldrin

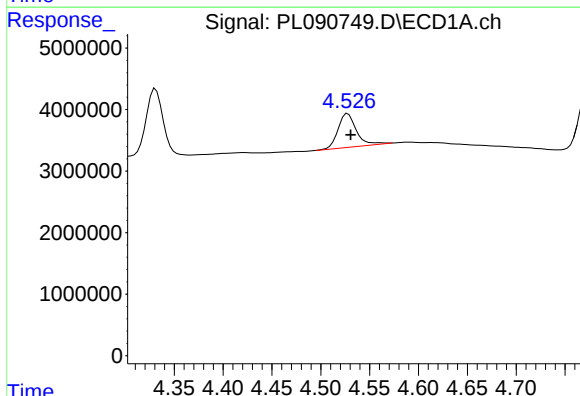
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 12869027
Conc: 5.15 ng/ml

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



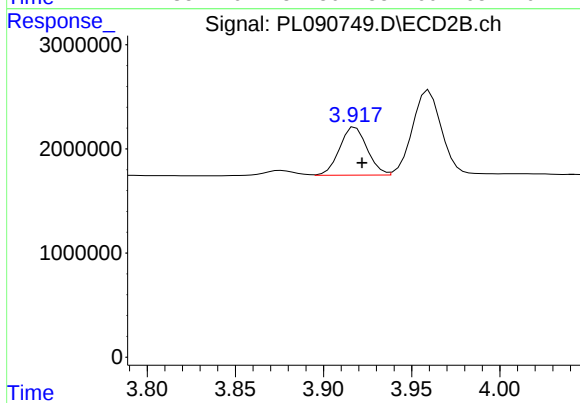
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 10174406
Conc: 4.78 ng/ml



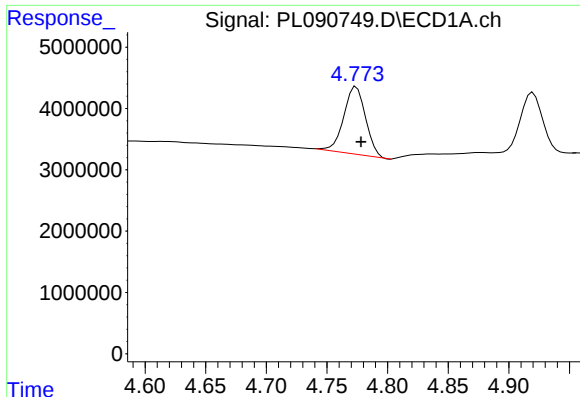
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 7135729
Conc: 5.63 ng/ml



#6 beta-BHC

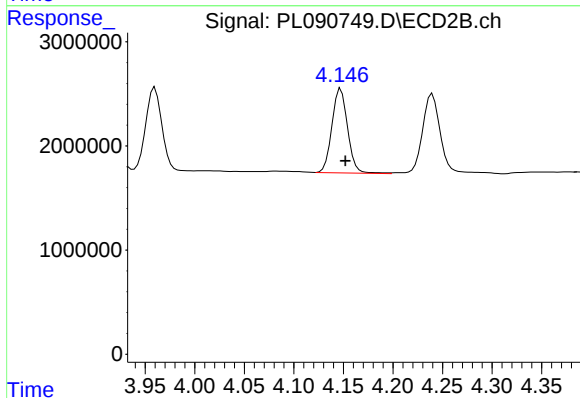
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 5035331
Conc: 4.88 ng/ml



#7 delta-BHC

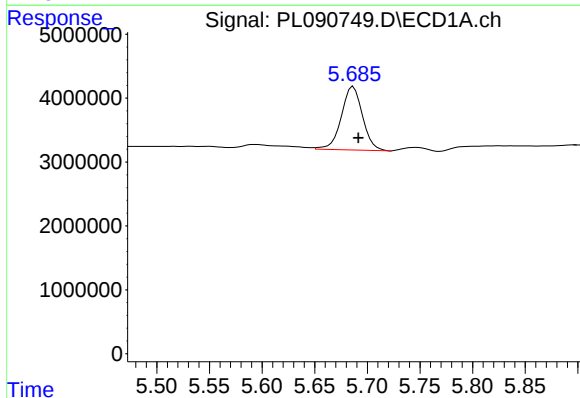
R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 13805894
Conc: 5.15 ng/ml

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



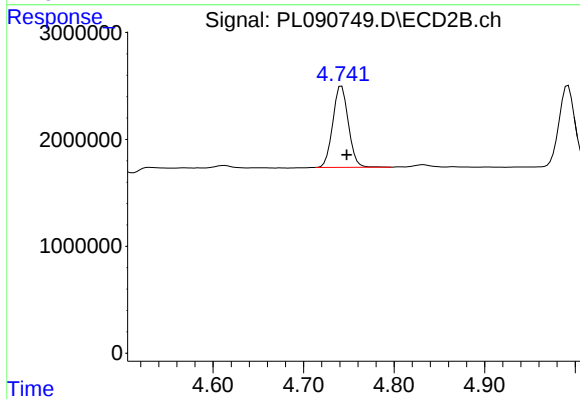
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.005 min
Response: 8925473
Conc: 4.06 ng/ml



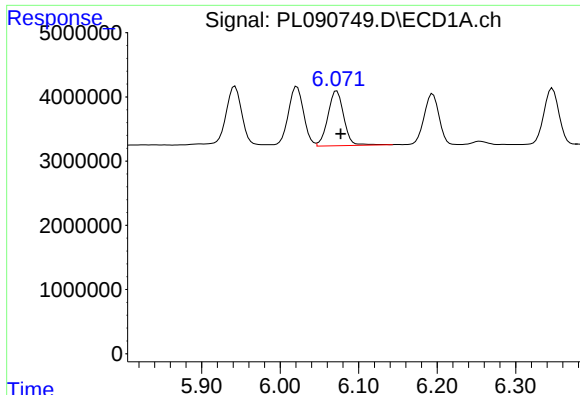
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 13978302
Conc: 5.95 ng/ml



#8 Heptachlor epoxide

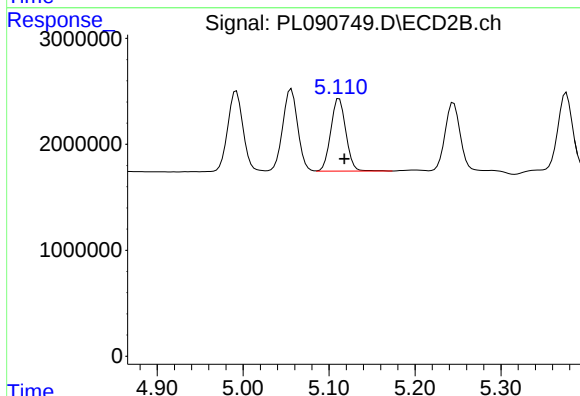
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 9093531
Conc: 4.66 ng/ml



#9 Endosulfan I

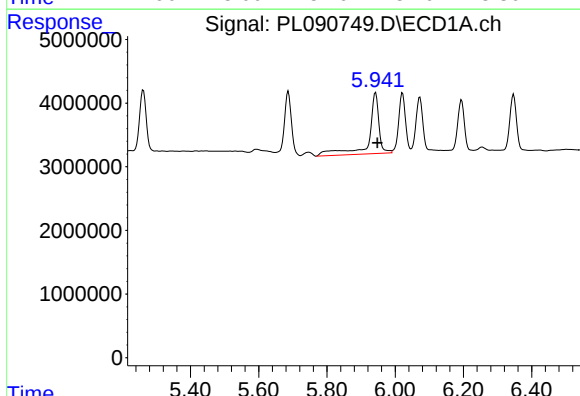
R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 12033179
Conc: 5.63 ng/ml

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



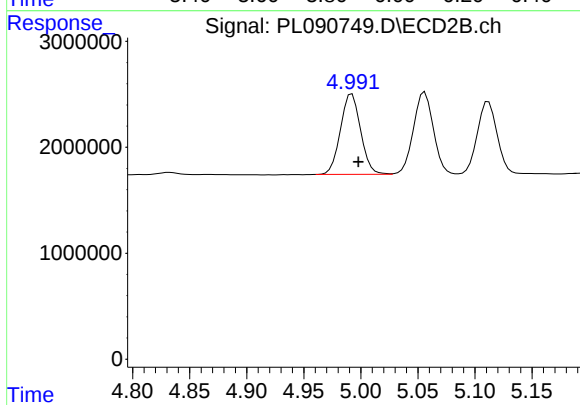
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.006 min
Response: 8319628
Conc: 4.55 ng/ml



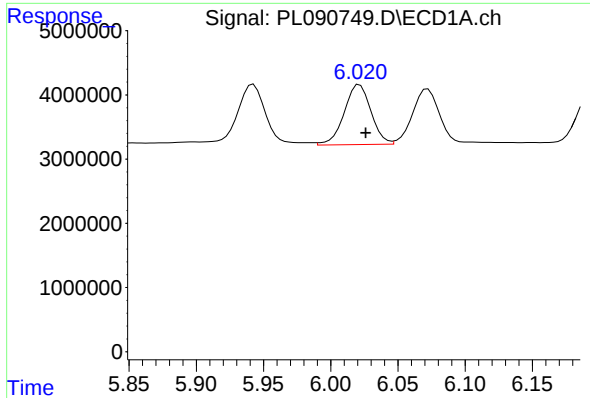
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.005 min
Response: 19894801
Conc: 8.56 ng/ml



#10 gamma-Chlordane

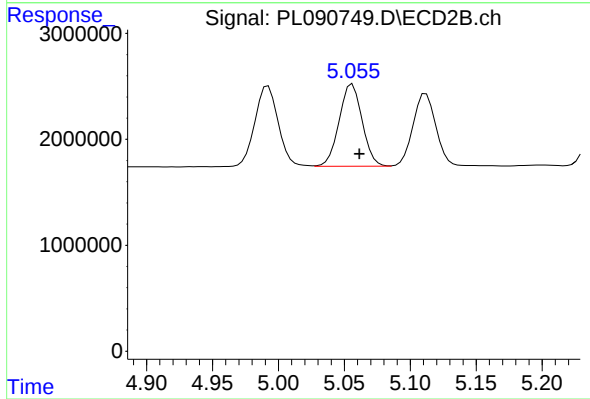
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 9376203
Conc: 4.62 ng/ml



#11 alpha-Chlordane

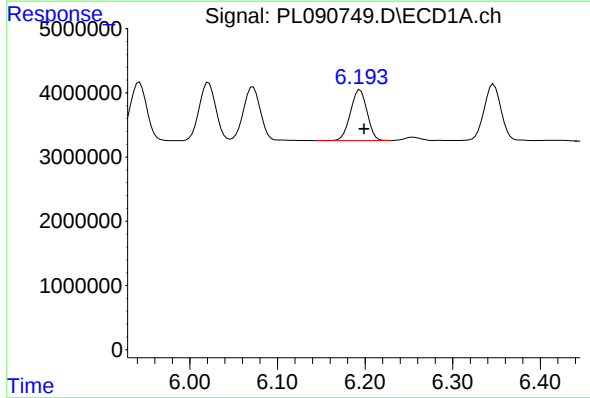
R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 12932671
Conc: 5.63 ng/ml

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



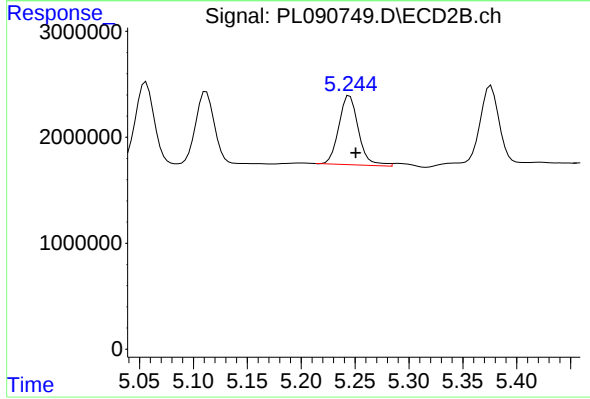
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.005 min
Response: 9420792
Conc: 4.66 ng/ml



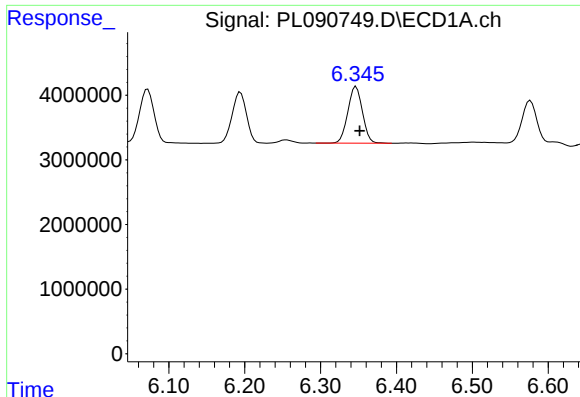
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.005 min
Response: 10453061
Conc: 5.17 ng/ml



#12 4,4'-DDE

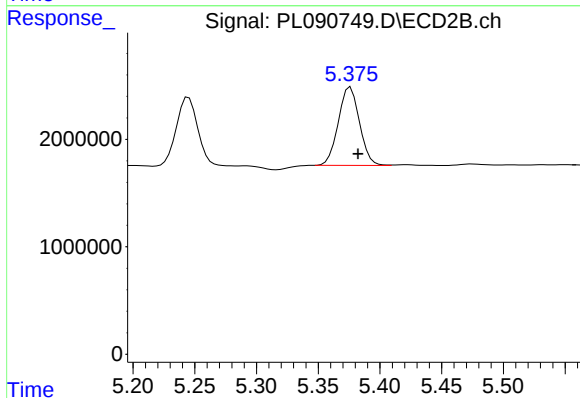
R.T.: 5.245 min
Delta R.T.: -0.006 min
Response: 8243741
Conc: 4.61 ng/ml



#13 Dieldrin

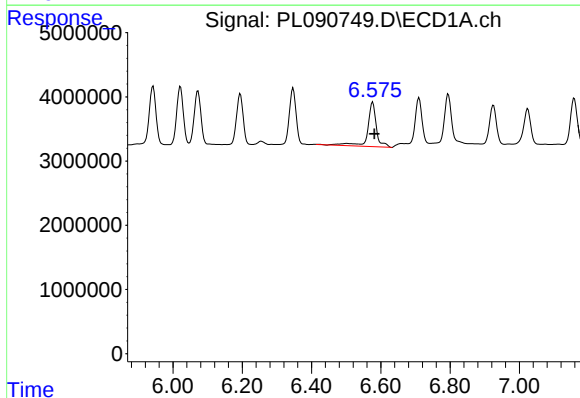
R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 11759311
Conc: 5.29 ng/ml

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



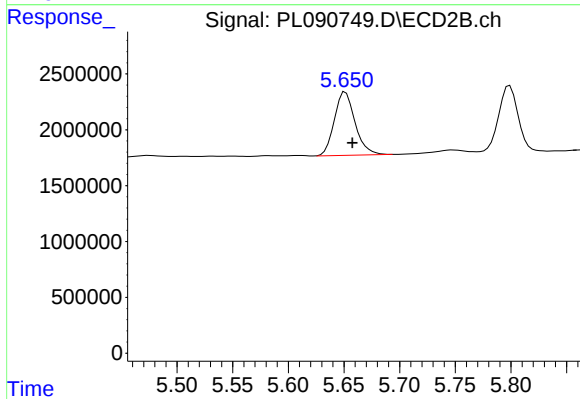
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.006 min
Response: 8698285
Conc: 4.44 ng/ml



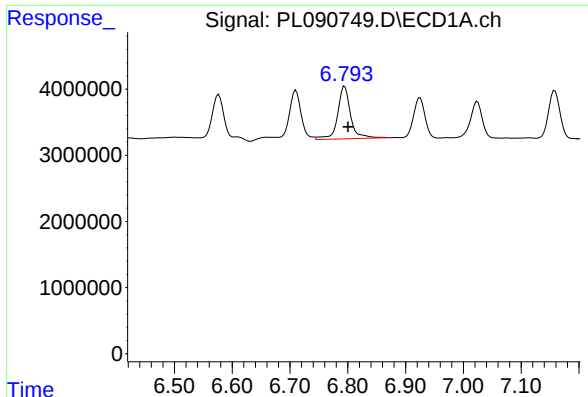
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 12168639
Conc: 6.62 ng/ml



#14 Endrin

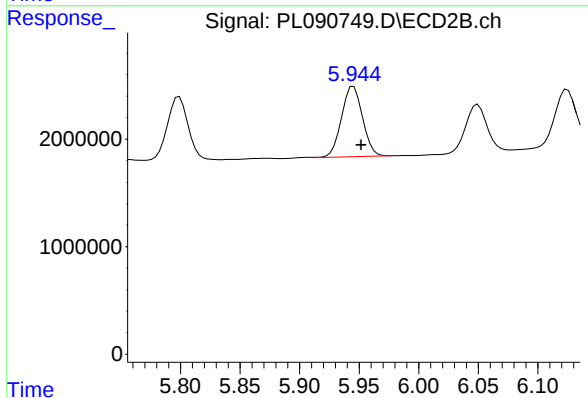
R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 7346951
Conc: 4.27 ng/ml



#15 Endosulfan II

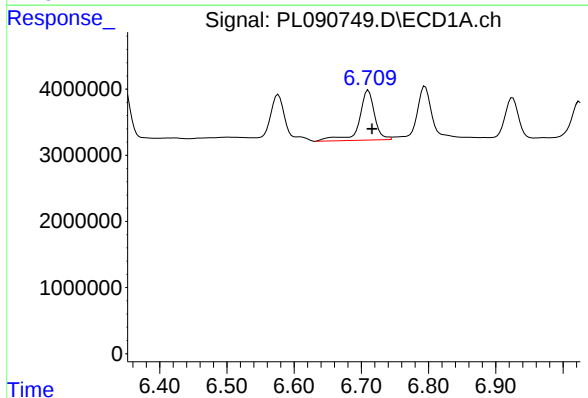
R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 12315841
Conc: 6.26 ng/ml

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



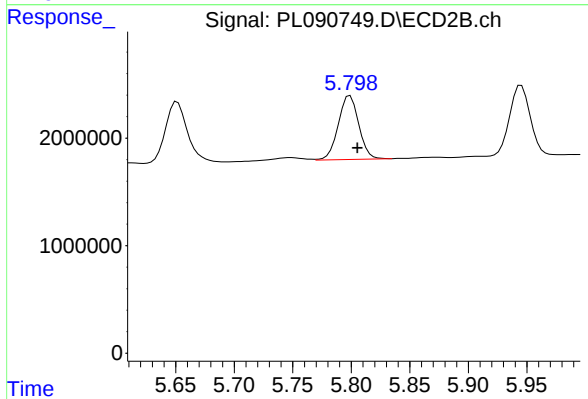
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 8028400
Conc: 4.70 ng/ml



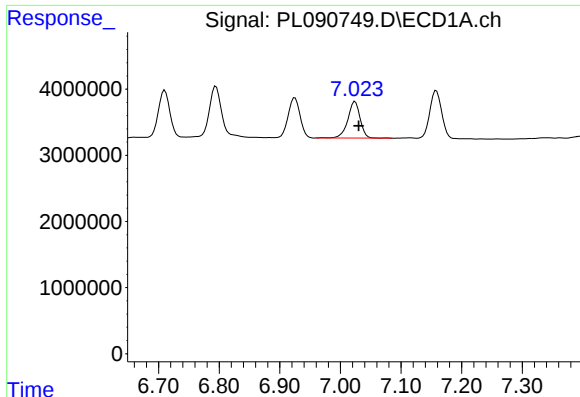
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 11988836
Conc: 7.10 ng/ml



#16 4,4'-DDD

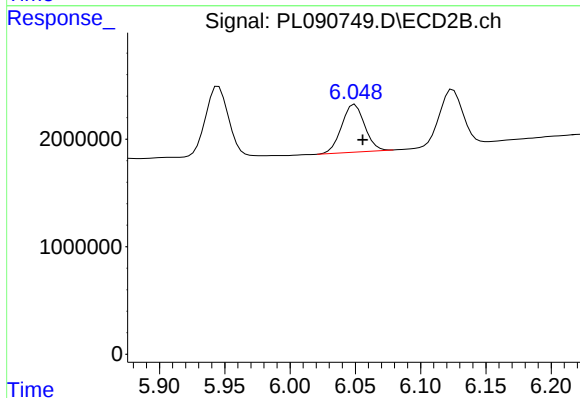
R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 7229433
Conc: 4.83 ng/ml



#17 4,4'-DDT

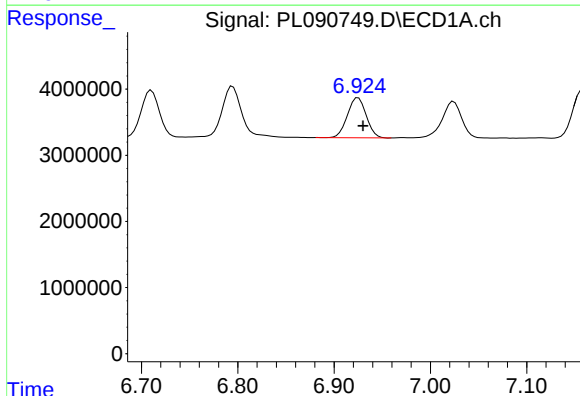
R.T.: 7.024 min
Delta R.T.: -0.006 min
Response: 7865771
Conc: 4.67 ng/ml

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



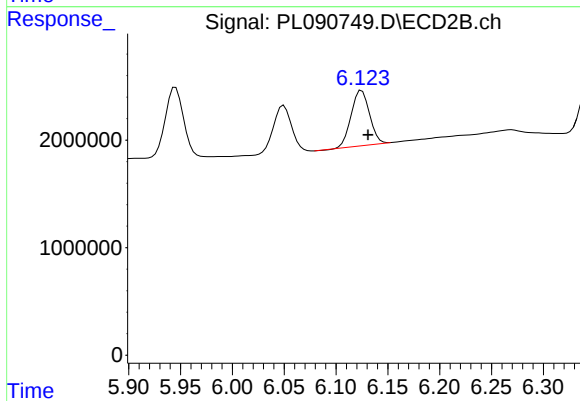
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 5450824
Conc: 3.72 ng/ml



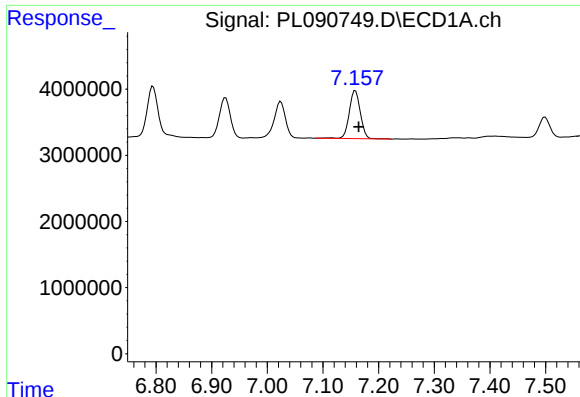
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 8214783
Conc: 5.54 ng/ml



#18 Endrin aldehyde

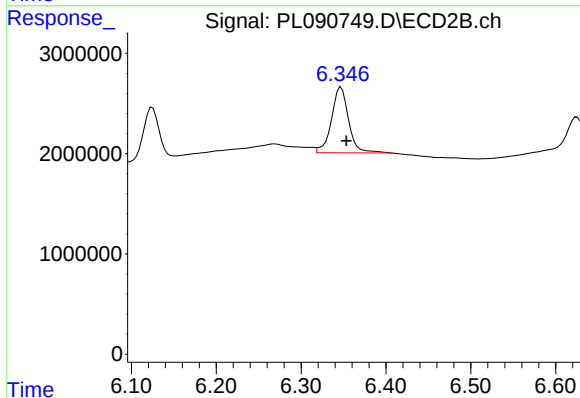
R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 6312157
Conc: 4.83 ng/ml



#19 Endosulfan Sulfate

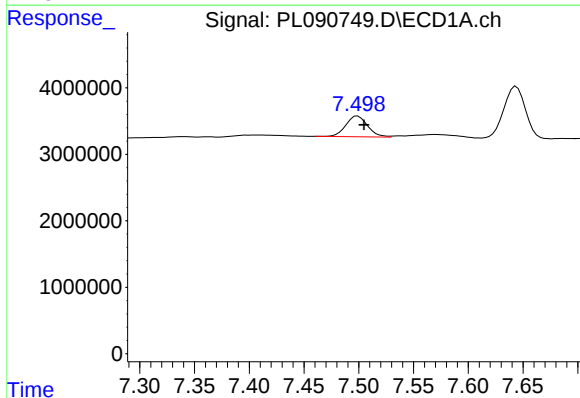
R.T.: 7.158 min
Delta R.T.: -0.006 min
Response: 10033053
Conc: 5.71 ng/ml

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



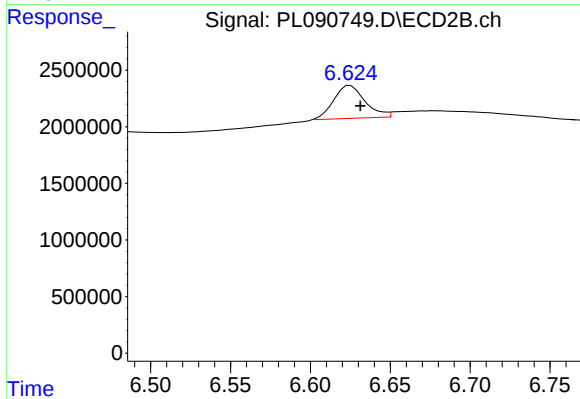
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 9193104
Conc: 5.70 ng/ml



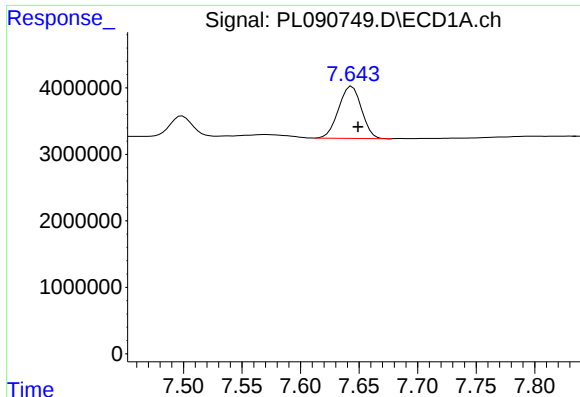
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 4327986
Conc: 4.90 ng/ml



#20 Methoxychlor

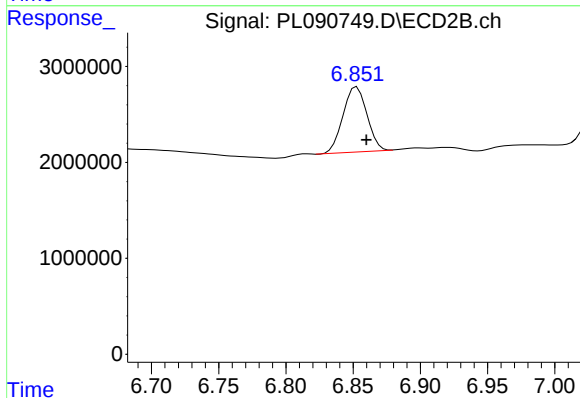
R.T.: 6.625 min
Delta R.T.: -0.006 min
Response: 3945194
Conc: 4.88 ng/ml



#21 Endrin ketone

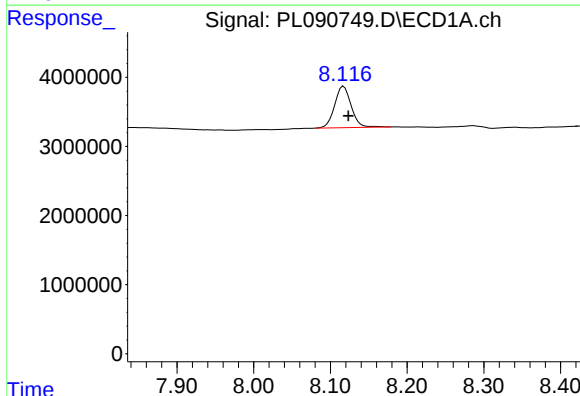
R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 10694234
Conc: 5.60 ng/ml

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



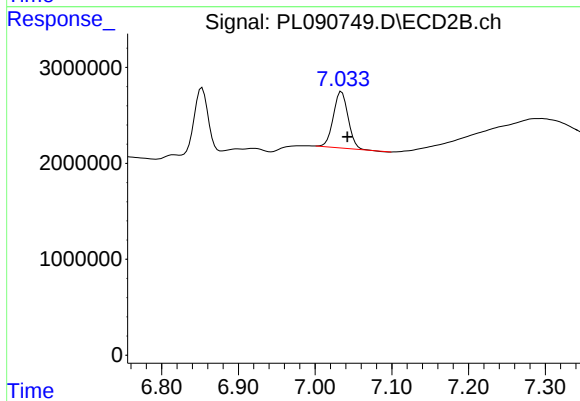
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 8380119
Conc: 4.59 ng/ml



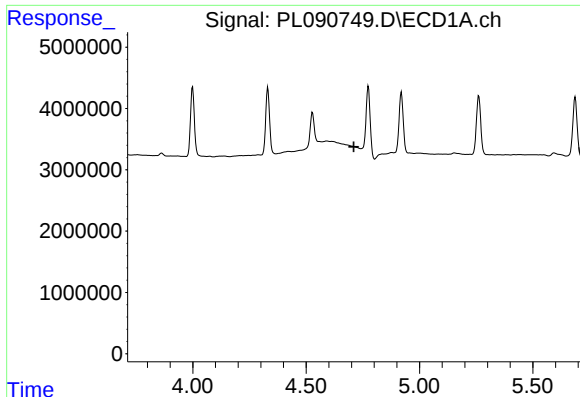
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 9049834
Conc: 6.39 ng/ml



#22 Mirex

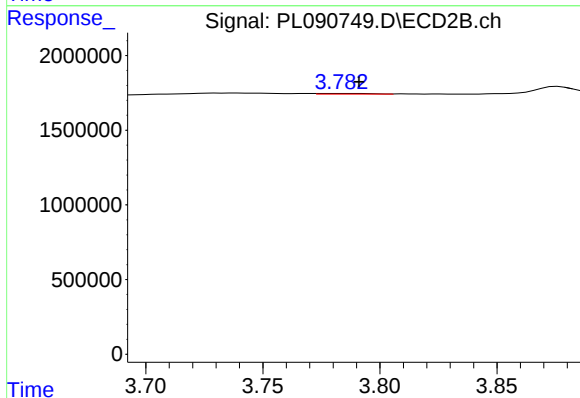
R.T.: 7.035 min
Delta R.T.: -0.008 min
Response: 7766864
Conc: 5.22 ng/ml



#23 Chlordane-1

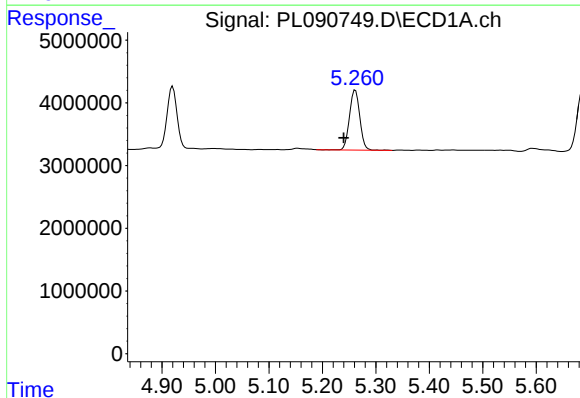
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

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



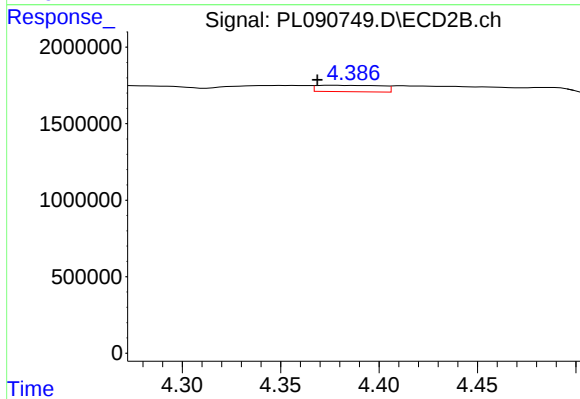
#23 Chlordane-1

R.T.: 3.784 min
Delta R.T.: -0.007 min
Response: 69158
Conc: 1.12 ng/ml



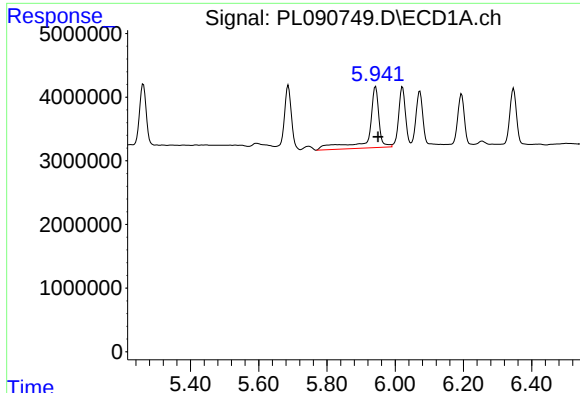
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: 0.022 min
Response: 12869027
Conc: 125.73 ng/ml



#24 Chlordane-2

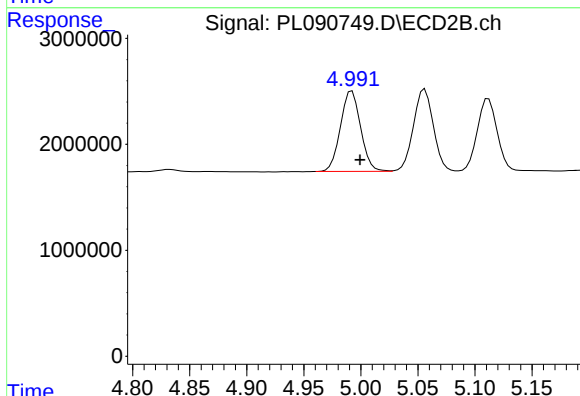
R.T.: 4.377 min
Delta R.T.: 0.009 min
Response: 942134
Conc: 12.42 ng/ml



#25 Chlordane-3

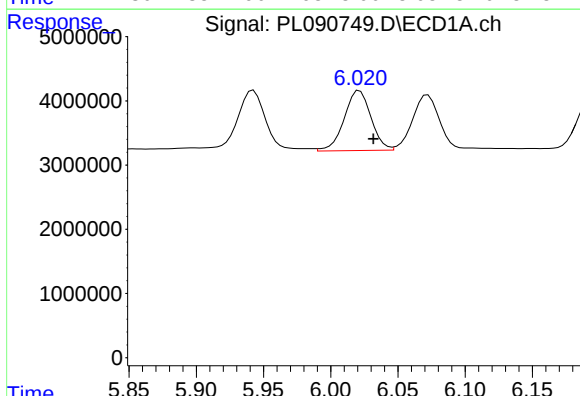
R.T.: 5.942 min
Delta R.T.: -0.007 min
Response: 19894801
Conc: 60.10 ng/ml

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



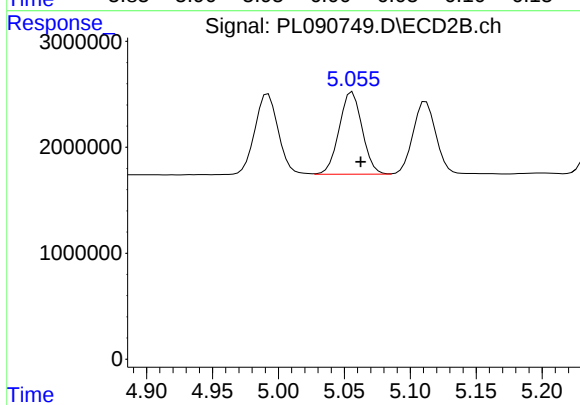
#25 Chlordane-3

R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 9376203
Conc: 45.37 ng/ml



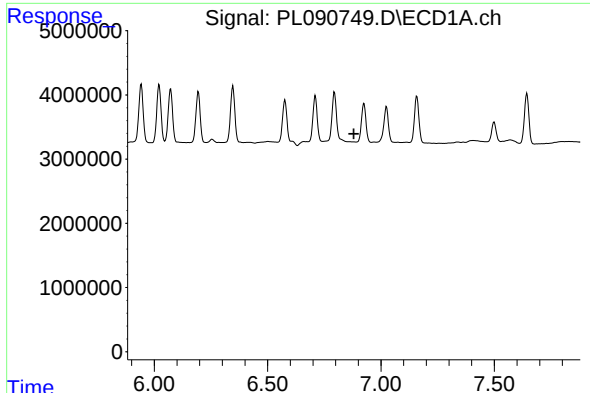
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.010 min
Response: 12932671
Conc: 32.47 ng/ml



#26 Chlordane-4

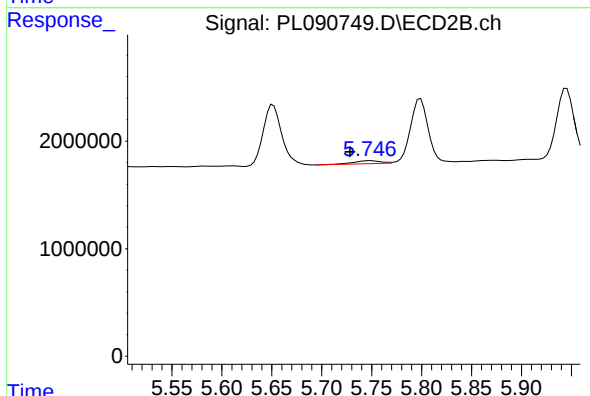
R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 9420792
Conc: 48.14 ng/ml



#27 Chlordane-5

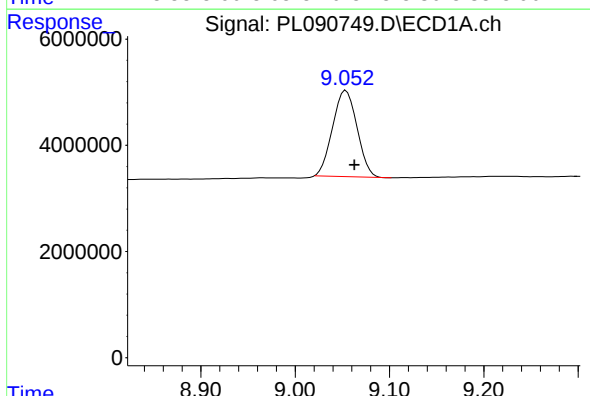
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

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



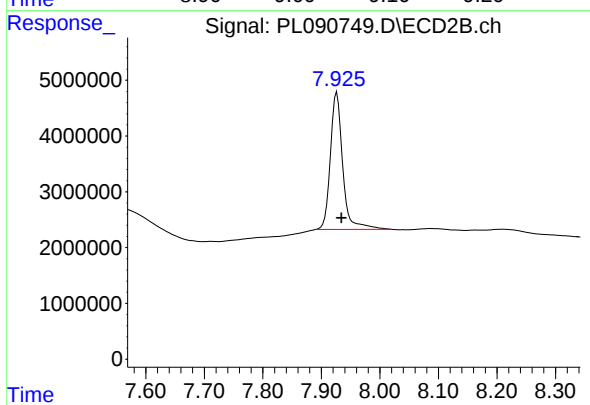
#27 Chlordane-5

R.T.: 5.748 min
Delta R.T.: 0.020 min
Response: 519270
Conc: 8.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.009 min
Response: 29299672
Conc: 22.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 36106555
Conc: 24.76 ng/ml