

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 15:16
 Operator : AR\AJ
 Sample : P3390-03
 Misc : CHLOR MDL 25PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

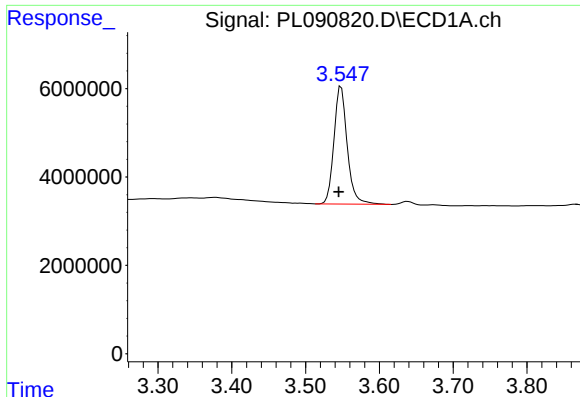
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:15:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.548	2.784	33357199	28644863	17.228	16.569
2)	SA Decachlor...	9.063	7.930	26824908	29181091	18.671	17.482
Target Compounds							
2)	A alpha-BHC	0.000	3.278	0	121075	N.D.	0.049 #
3)	MA gamma-BHC...	0.000	3.634	0	338004	N.D.	0.144 #
4)	MA Heptachlor	4.924	3.958	5196819	2398740	2.101	1.035 #
5)	MB Aldrin	5.239f	4.257	1731598	312554	0.720	0.141 #
6)	B beta-BHC	0.000	3.919	0	206428	N.D.	0.194 #
7)	B delta-BHC	0.000	4.144	0	281769	N.D.	0.126 #
8)	B Heptachlo...	5.677	0.000	3678232	0	1.619	N.D. #
9)	A Endosulfan I	0.000	5.100	0	508700	N.D.	0.263 #
10)	B gamma-Chl...	5.948	4.992	9845425	5215283	4.357	2.442 #
11)	B alpha-Chl...	6.030	5.055	11745022	5105424	5.244	2.393 #
12)	B 4,4'-DDE	0.000	5.278f	0	64154	N.D.	0.034 #
13)	MA Dieldrin	0.000	5.395f	0	11505	N.D.	0.006 #
14)	MA Endrin	0.000	5.671f	0	1377710	N.D.	0.754 #
15)	B Endosulfa...	0.000	5.951	0	1801137	N.D.	0.992 #
16)	A 4,4'-DDD	0.000	5.779f	0	152381	N.D.	0.098 #
17)	MA 4,4'-DDT	0.000	6.054	0	23597	N.D.	0.014 #
18)	B Endrin al...	0.000	6.128	0	81449	N.D.	0.058 #
19)	B Endosulfa...	0.000	6.353	0	118942	N.D.	0.068 #
20)	A Methoxychlor	0.000	6.628	0	109413	N.D.	0.119 #
22)	Mirex	0.000	7.038	0	215580	N.D.	0.128 #
23)	Chlordane-1	4.709	3.784	2269706	1679573	24.258	24.912
24)	Chlordane-2	5.239	4.362	1731598	2226551	17.170	26.770 #
25)	Chlordane-3	5.948	4.992	9845425	5215283	29.939	23.290
26)	Chlordane-4	6.030	5.055	11745022	5105424	29.308	23.862
27)	Chlordane-5	0.000	5.721	0	2746737	N.D.	41.100 #

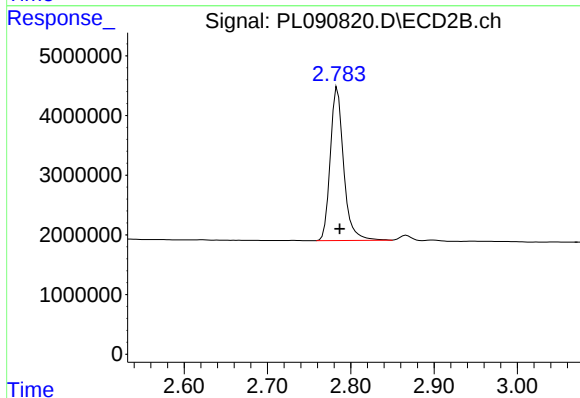
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

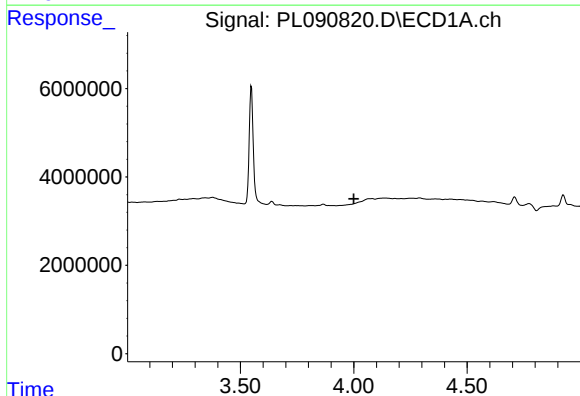
R.T.: 3.548 min
Delta R.T.: 0.003 min
Response: 33357199
Conc: 17.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



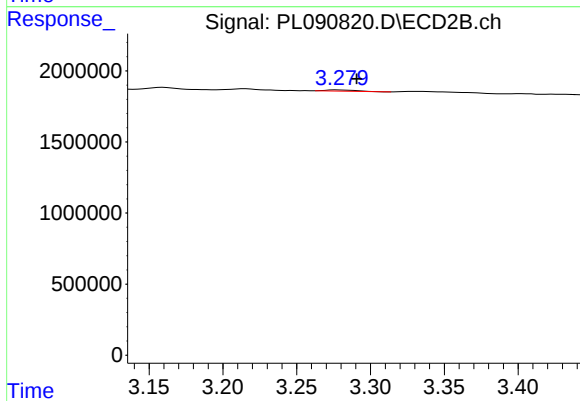
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.003 min
Response: 28644863
Conc: 16.57 ng/ml



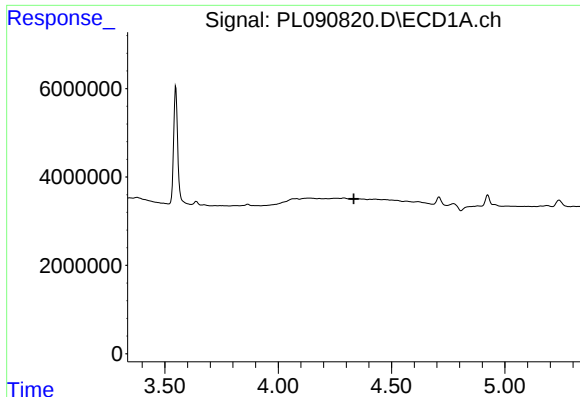
#2 alpha-BHC

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



#2 alpha-BHC

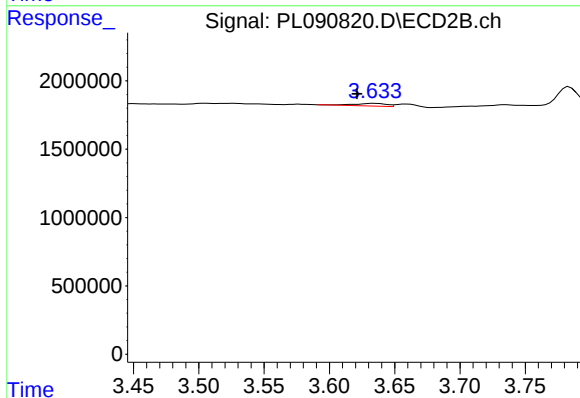
R.T.: 3.278 min
Delta R.T.: -0.013 min
Response: 121075
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

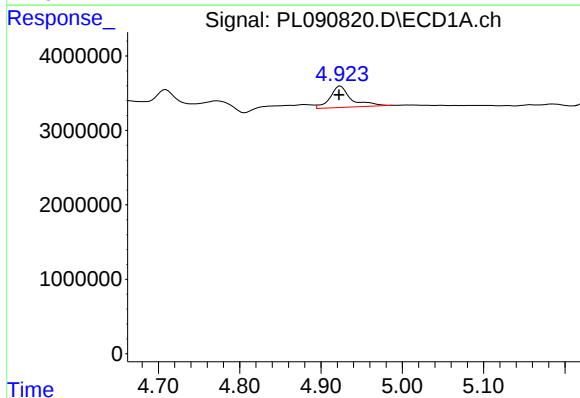
R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



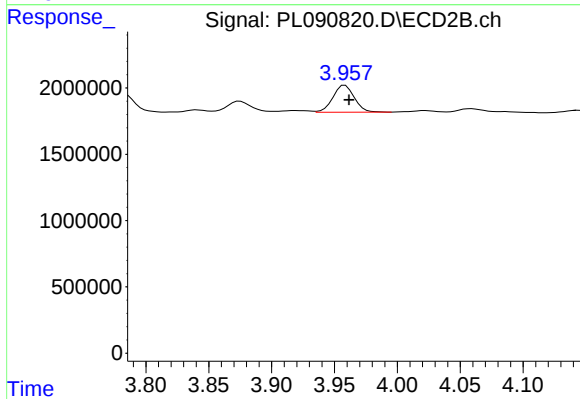
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.013 min
Response: 338004
Conc: 0.14 ng/ml



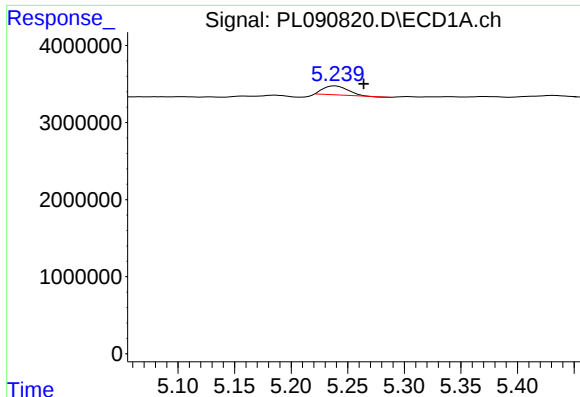
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 5196819
Conc: 2.10 ng/ml



#4 Heptachlor

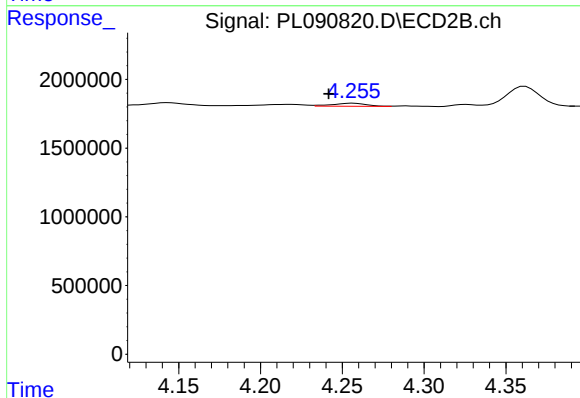
R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 2398740
Conc: 1.03 ng/ml



#5 Aldrin

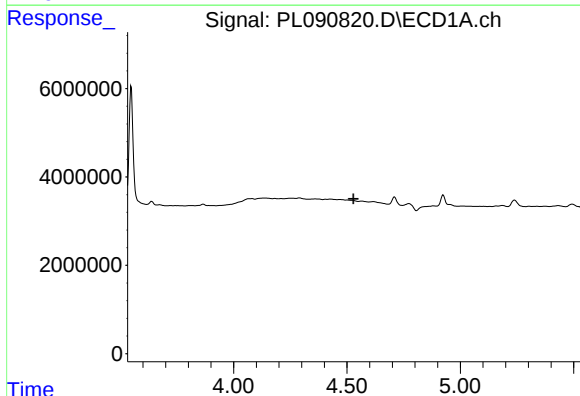
R.T.: 5.239 min
Delta R.T.: -0.025 min
Response: 1731598
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



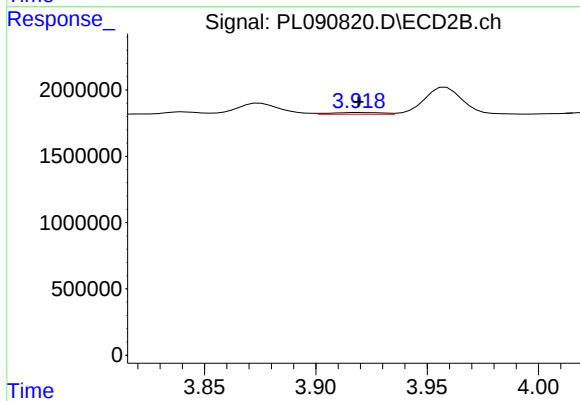
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.015 min
Response: 312554
Conc: 0.14 ng/ml



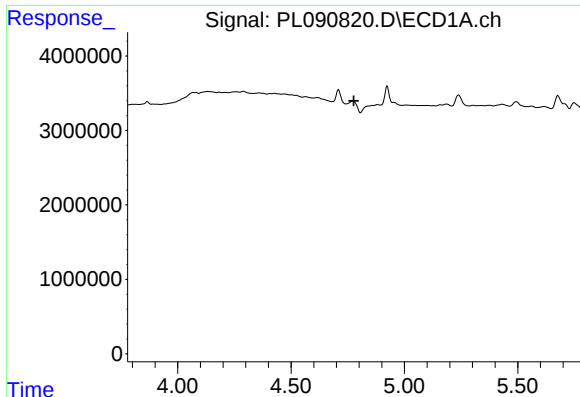
#6 beta-BHC

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



#6 beta-BHC

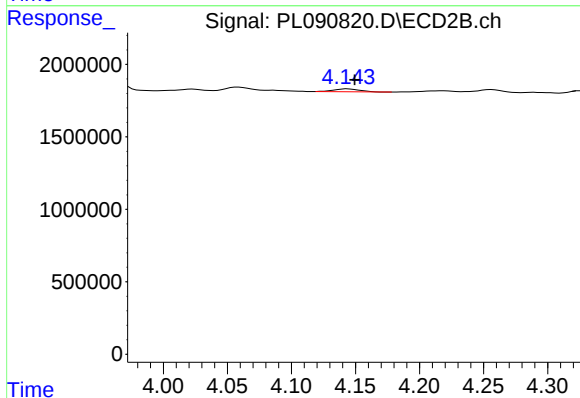
R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 206428
Conc: 0.19 ng/ml



#7 delta-BHC

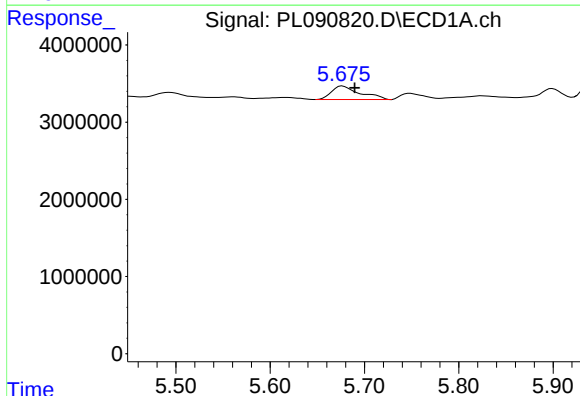
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



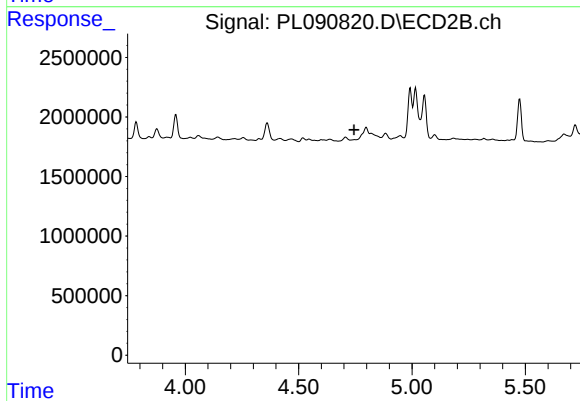
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: -0.005 min
Response: 281769
Conc: 0.13 ng/ml



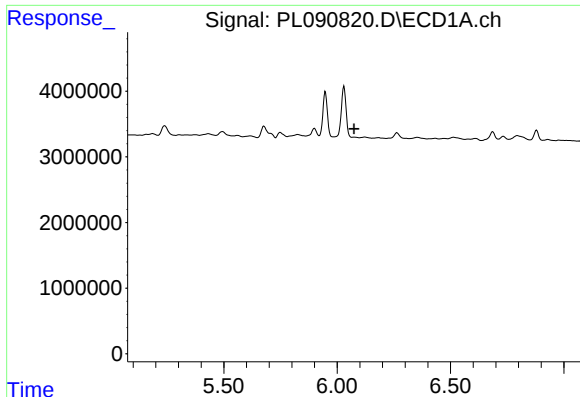
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.013 min
Response: 3678232
Conc: 1.62 ng/ml



#8 Heptachlor epoxide

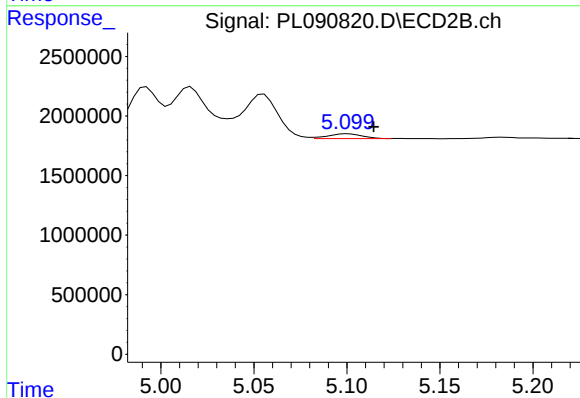
R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#9 Endosulfan I

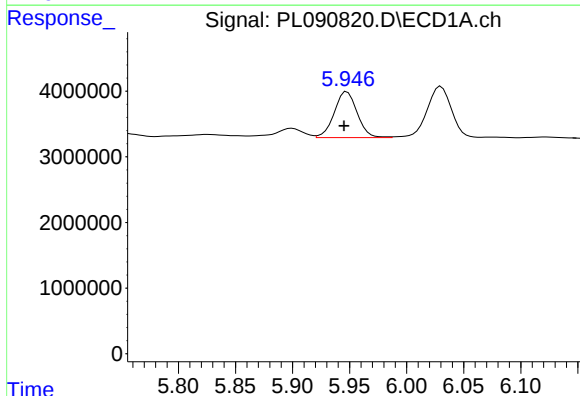
R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



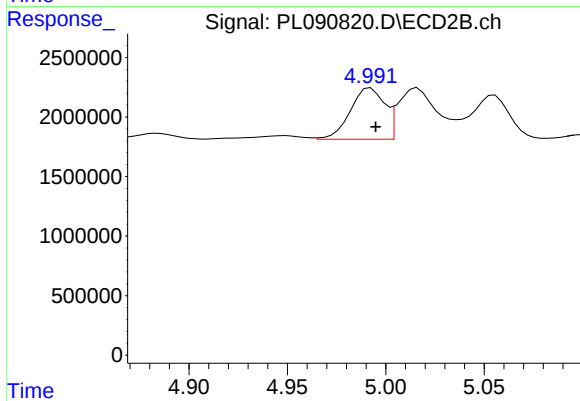
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.014 min
Response: 508700
Conc: 0.26 ng/ml



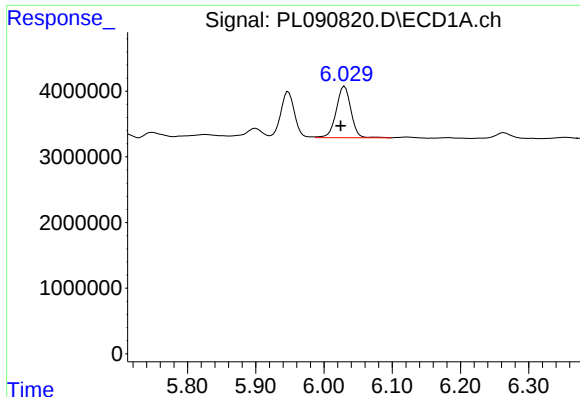
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 9845425
Conc: 4.36 ng/ml



#10 gamma-Chlordane

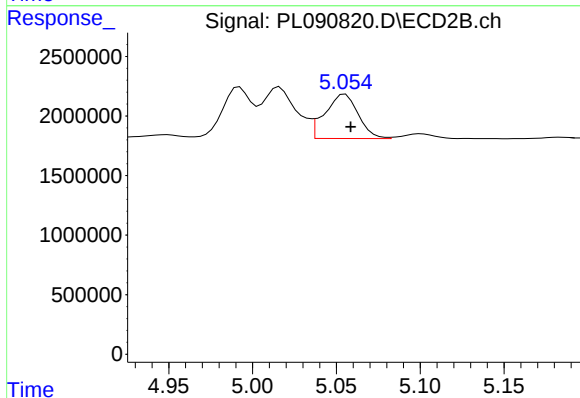
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 5215283
Conc: 2.44 ng/ml



#11 alpha-Chlordane

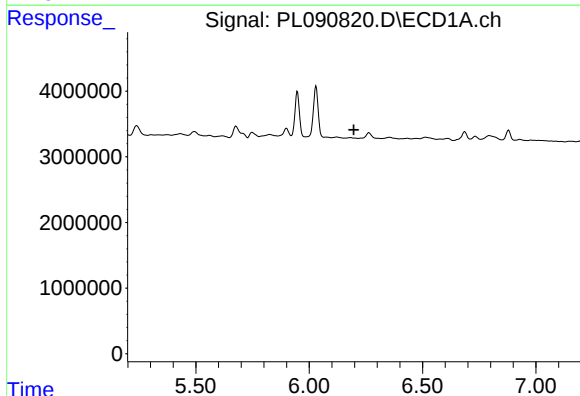
R.T.: 6.030 min
Delta R.T.: 0.006 min
Response: 11745022
Conc: 5.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



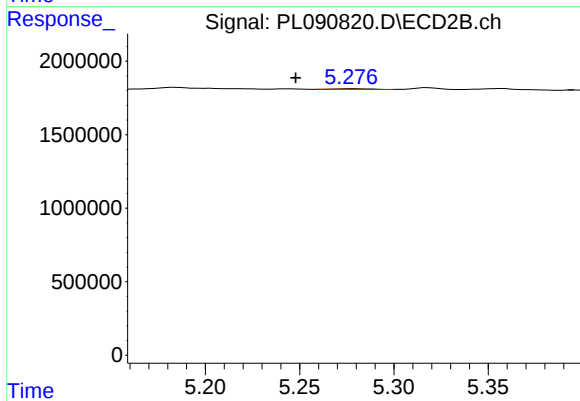
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: -0.003 min
Response: 5105424
Conc: 2.39 ng/ml



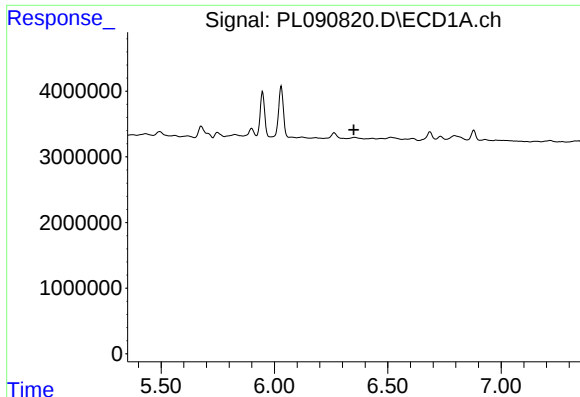
#12 4,4'-DDE

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



#12 4,4'-DDE

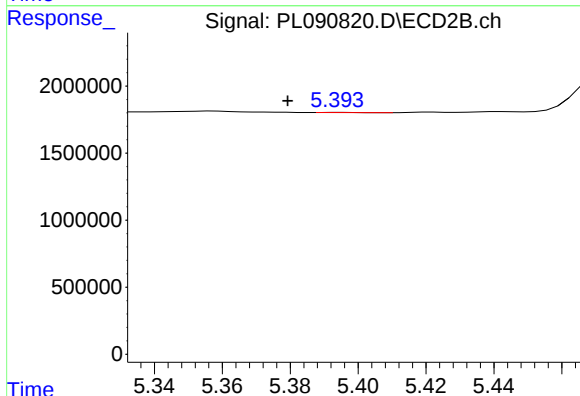
R.T.: 5.278 min
Delta R.T.: 0.030 min
Response: 64154
Conc: 0.03 ng/ml



#13 Dieldrin

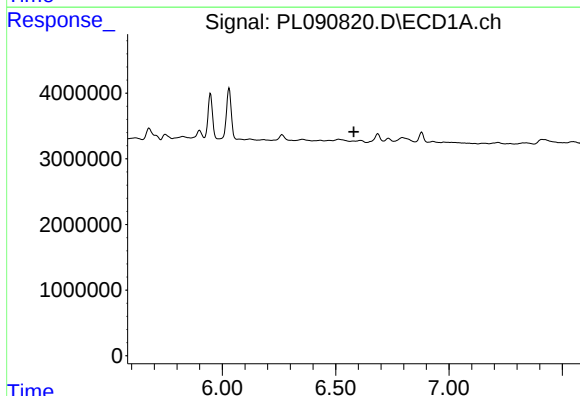
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



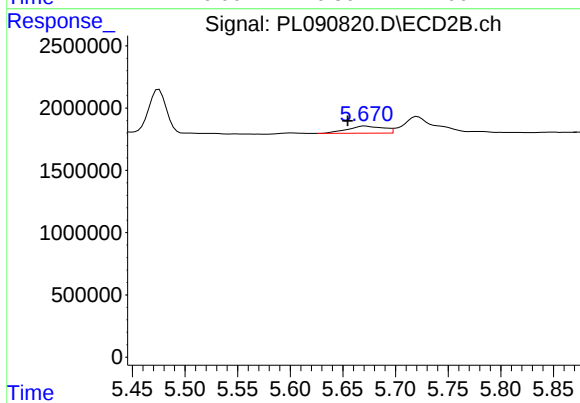
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.016 min
Response: 11505
Conc: 0.01 ng/ml



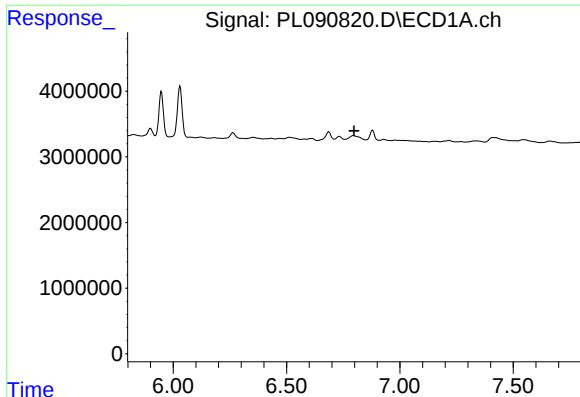
#14 Endrin

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



#14 Endrin

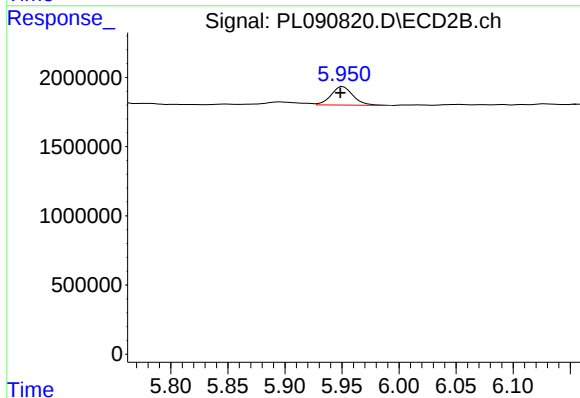
R.T.: 5.671 min
Delta R.T.: 0.017 min
Response: 1377710
Conc: 0.75 ng/ml



#15 Endosulfan II

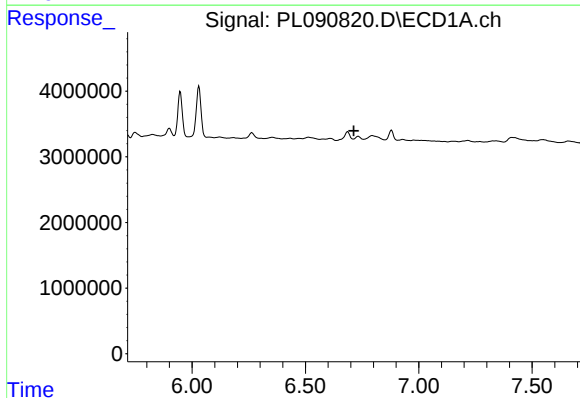
R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



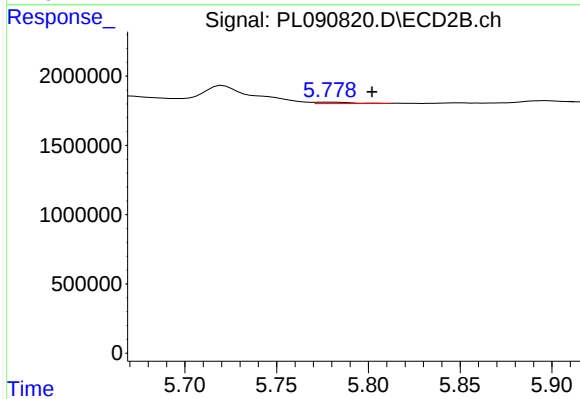
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 1801137
Conc: 0.99 ng/ml



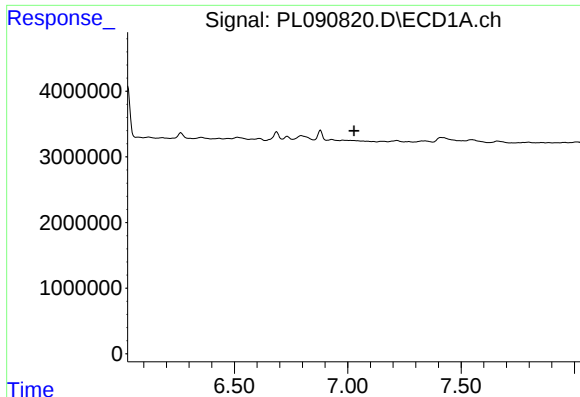
#16 4,4'-DDD

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



#16 4,4'-DDD

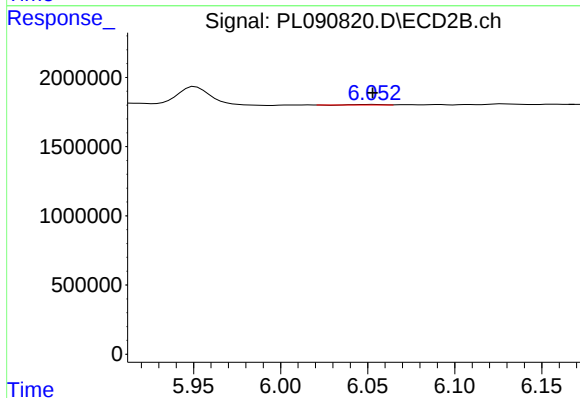
R.T.: 5.779 min
Delta R.T.: -0.023 min
Response: 152381
Conc: 0.10 ng/ml



#17 4,4'-DDT

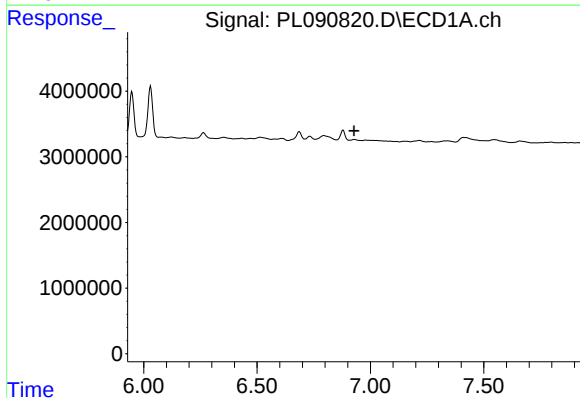
R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



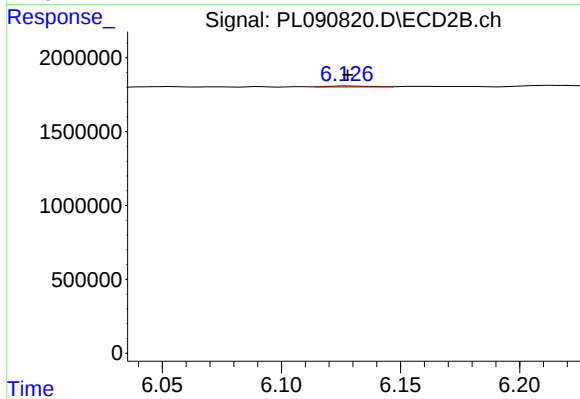
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 23597
Conc: 0.01 ng/ml



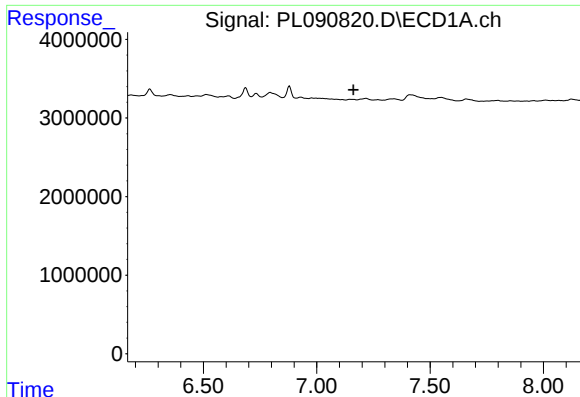
#18 Endrin aldehyde

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



#18 Endrin aldehyde

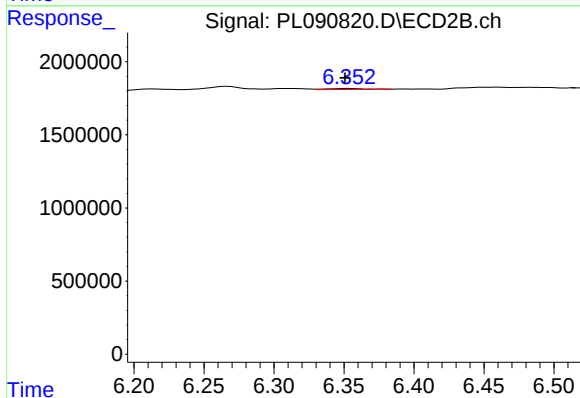
R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 81449
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

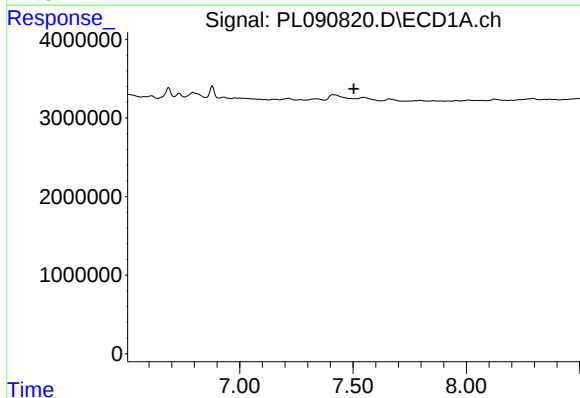
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



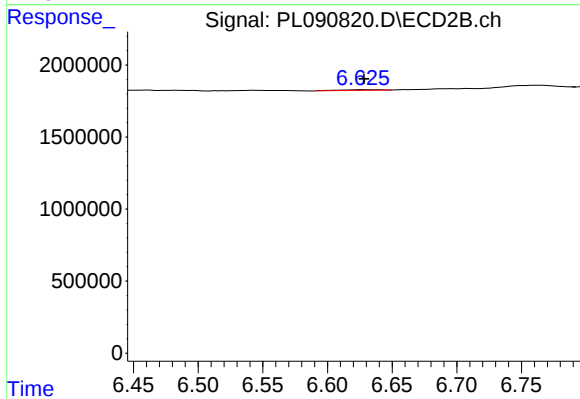
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 118942
Conc: 0.07 ng/ml



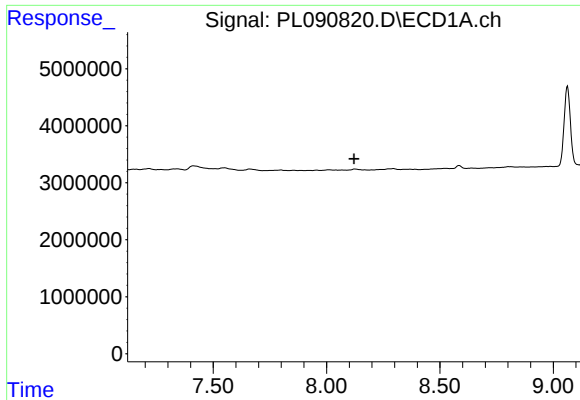
#20 Methoxychlor

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



#20 Methoxychlor

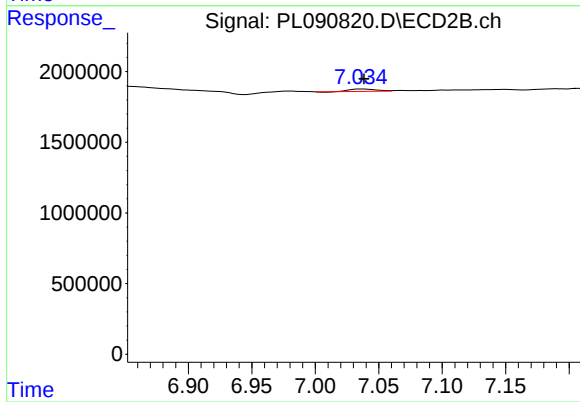
R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 109413
Conc: 0.12 ng/ml



#22 Mirex

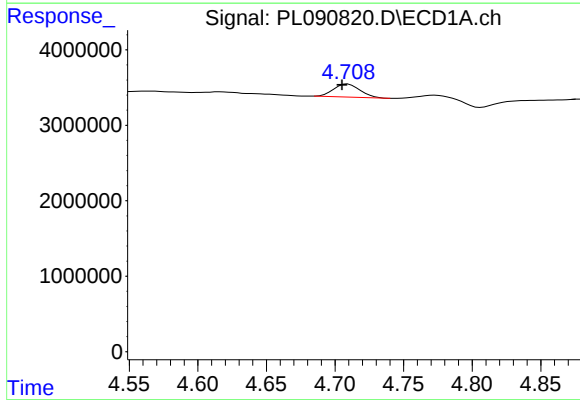
R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



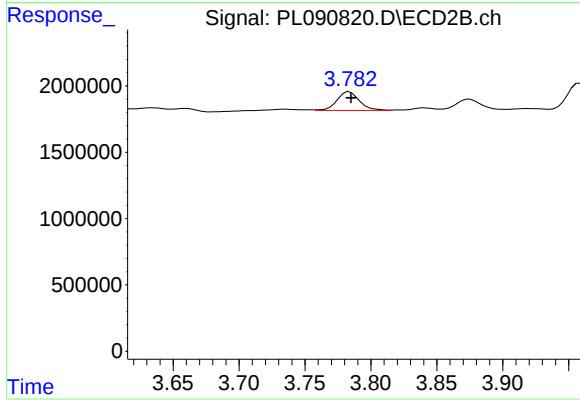
#22 Mirex

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 215580
Conc: 0.13 ng/ml



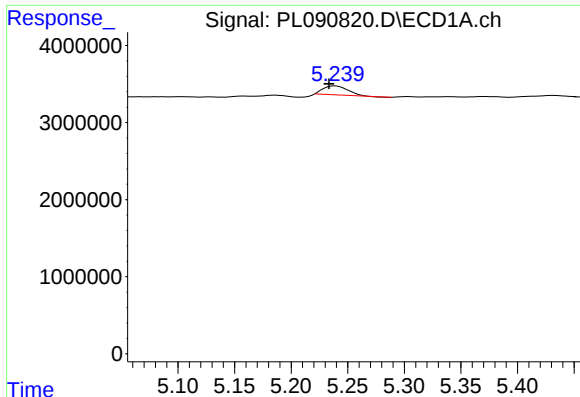
#23 Chlordane-1

R.T.: 4.709 min
Delta R.T.: 0.004 min
Response: 2269706
Conc: 24.26 ng/ml



#23 Chlordane-1

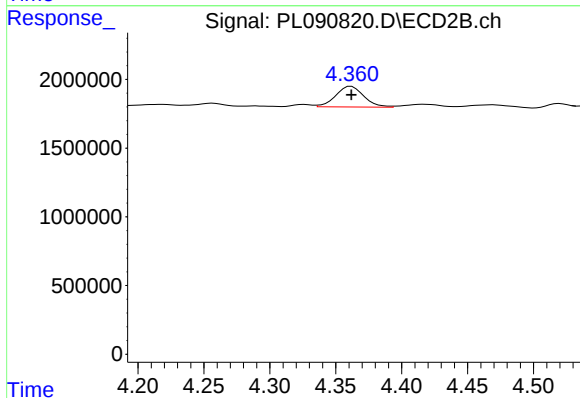
R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 1679573
Conc: 24.91 ng/ml



#24 Chlordane-2

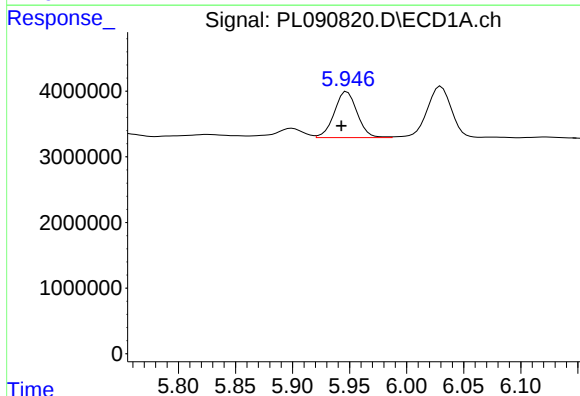
R.T.: 5.239 min
Delta R.T.: 0.006 min
Response: 1731598
Conc: 17.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



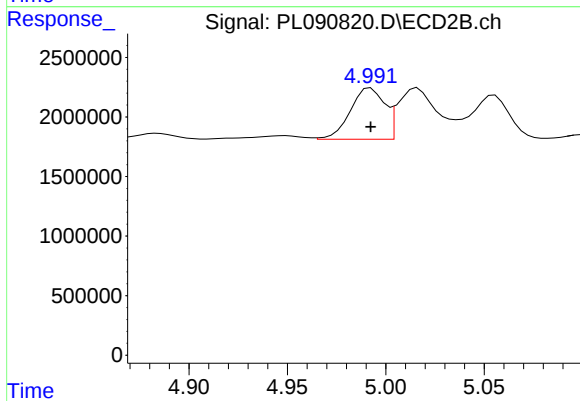
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 2226551
Conc: 26.77 ng/ml



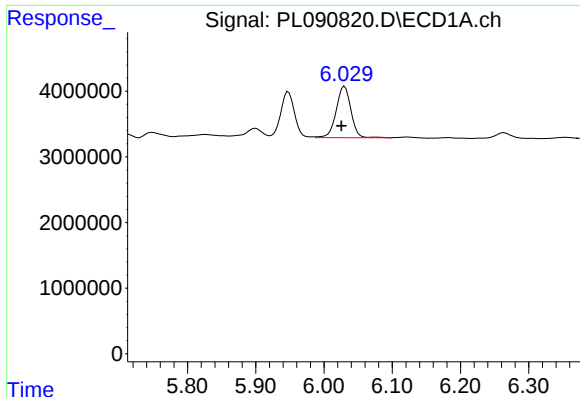
#25 Chlordane-3

R.T.: 5.948 min
Delta R.T.: 0.005 min
Response: 9845425
Conc: 29.94 ng/ml



#25 Chlordane-3

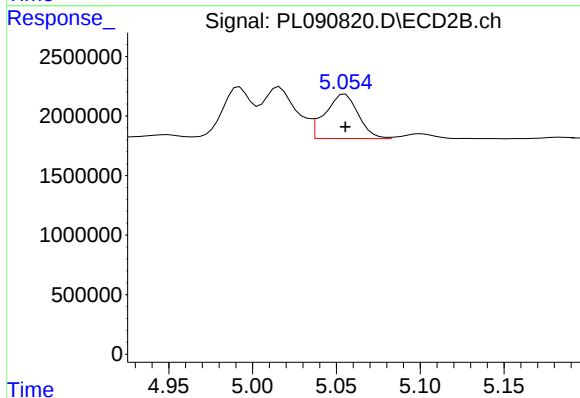
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 5215283
Conc: 23.29 ng/ml



#26 Chlordane-4

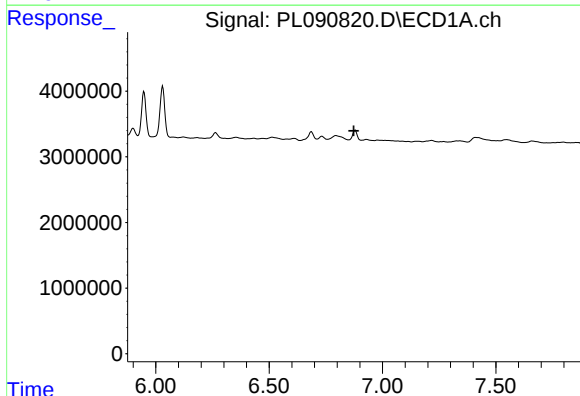
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 11745022
Conc: 29.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



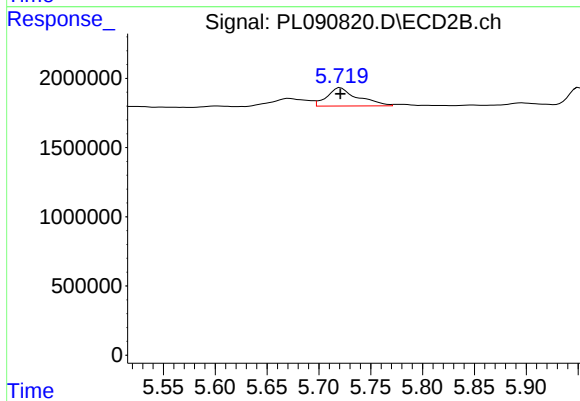
#26 Chlordane-4

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 5105424
Conc: 23.86 ng/ml



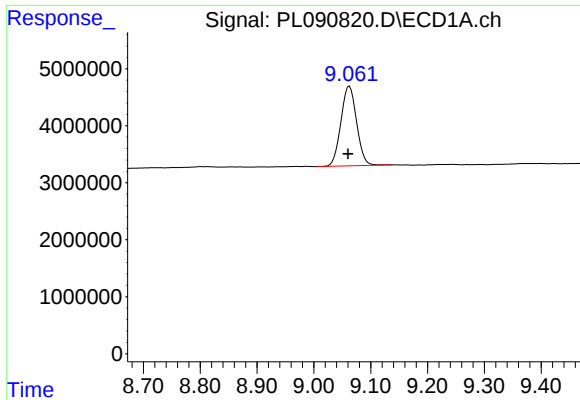
#27 Chlordane-5

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



#27 Chlordane-5

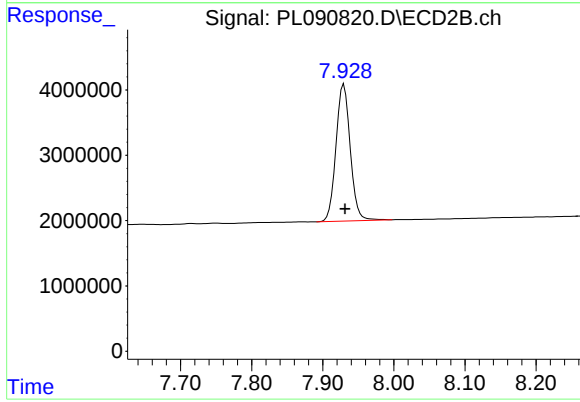
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 2746737
Conc: 41.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.002 min
Response: 26824908
Conc: 18.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2024



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 29181091
Conc: 17.48 ng/ml