

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101424\
 Data File : PL092354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 13:08
 Operator : AR\AJ
 Sample : P4368-01
 Misc : CHLOR LOD 25PPB SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 01:57:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.549	2.780	46170244	49887795	20.754	19.891
28)	SA Decachlor...	9.071	7.924	36171535	50933688	22.080	20.358
Target Compounds							
2)	A alpha-BHC	0.000	3.279	0	186477	N.D.	0.051 #
3)	MA gamma-BHC...	0.000	3.631f	0	213044	N.D.	0.060 #
4)	MA Heptachlor	4.926	3.953	5302114	4785915	1.917	1.387 #
5)	MB Aldrin	5.241f	4.249	2866370	2554896	1.032	0.751 #
6)	B beta-BHC	0.000	3.916	0	725159	N.D.	0.482 #
7)	B delta-BHC	4.775	4.141	3576577	1347013	1.240	0.388 #
8)	B Heptachlo...	5.682	0.000	8111844	0	3.187	N.D. #
9)	A Endosulfan I	0.000	5.095	0	818365	N.D.	0.298 #
10)	B gamma-Chl...	5.952	4.987	12275212	8550020	4.967	2.842 #
11)	B alpha-Chl...	6.033	5.050	14670942	8537482	5.956	2.852 #
12)	B 4,4'-DDE	0.000	5.269f	0	1207692	N.D.	0.435 #
14)	MA Endrin	0.000	5.665f	0	1721338	N.D.	0.656 #
15)	B Endosulfa...	6.805	5.947	2144410	2497701	0.975	0.998
16)	A 4,4'-DDD	6.737f	0.000	758637	0	0.422	N.D. #
17)	MA 4,4'-DDT	0.000	6.043	0	237352	N.D.	0.103 #
18)	B Endrin al...	0.000	6.129	0	205117	N.D.	0.101 #
19)	B Endosulfa...	0.000	6.341	0	317684	N.D.	0.132 #
20)	A Methoxychlor	0.000	6.613	0	185044	N.D.	0.148 #
22)	Mirex	0.000	7.033	0	802090	N.D.	0.330 #
23)	Chlordane-1	4.711	3.779	2648905	2630166	25.844	26.307
24)	Chlordane-2	5.241	4.356	2866370	4625559	26.727	41.216 #
25)	Chlordane-3	5.952	4.987	12275212	8550020	32.771	25.813
26)	Chlordane-4	6.033	5.050	14670942	8537482	32.397	26.908
27)	Chlordane-5	6.883	5.947	2140363	2497701	24.541	23.031

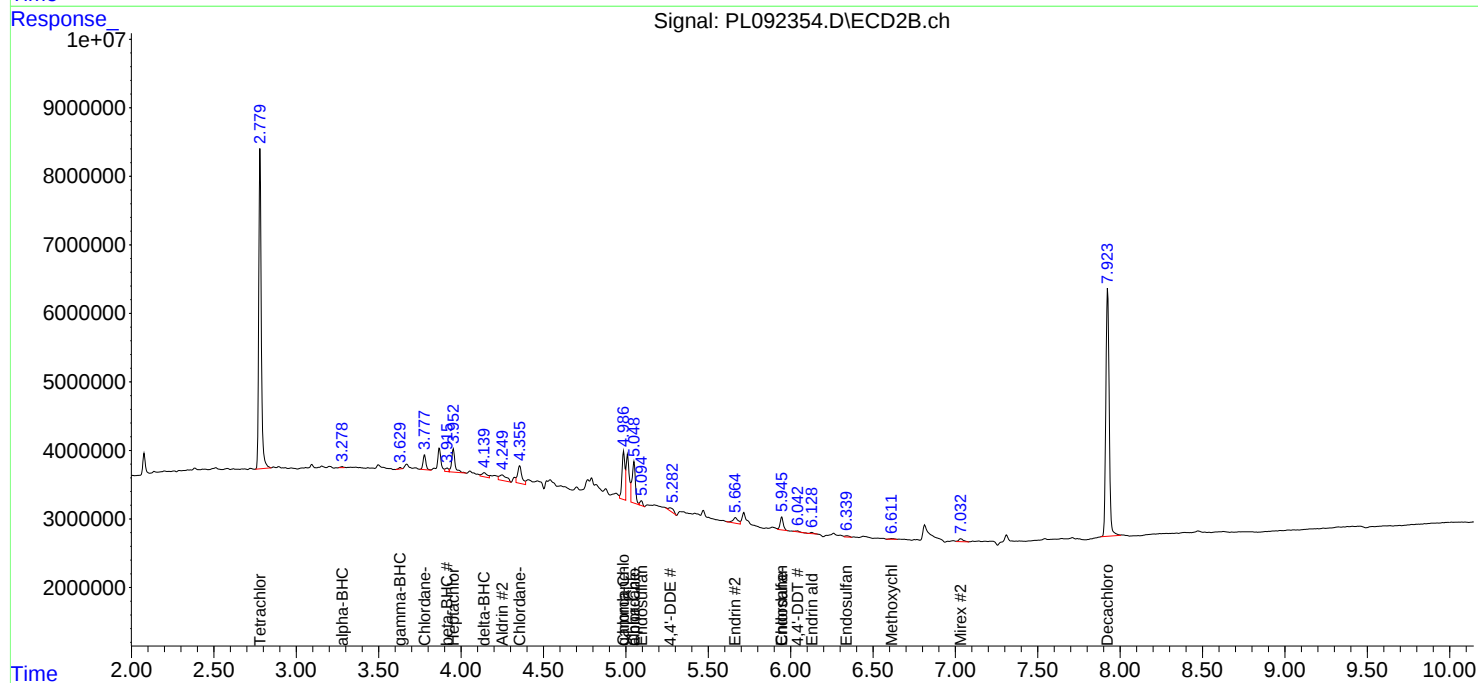
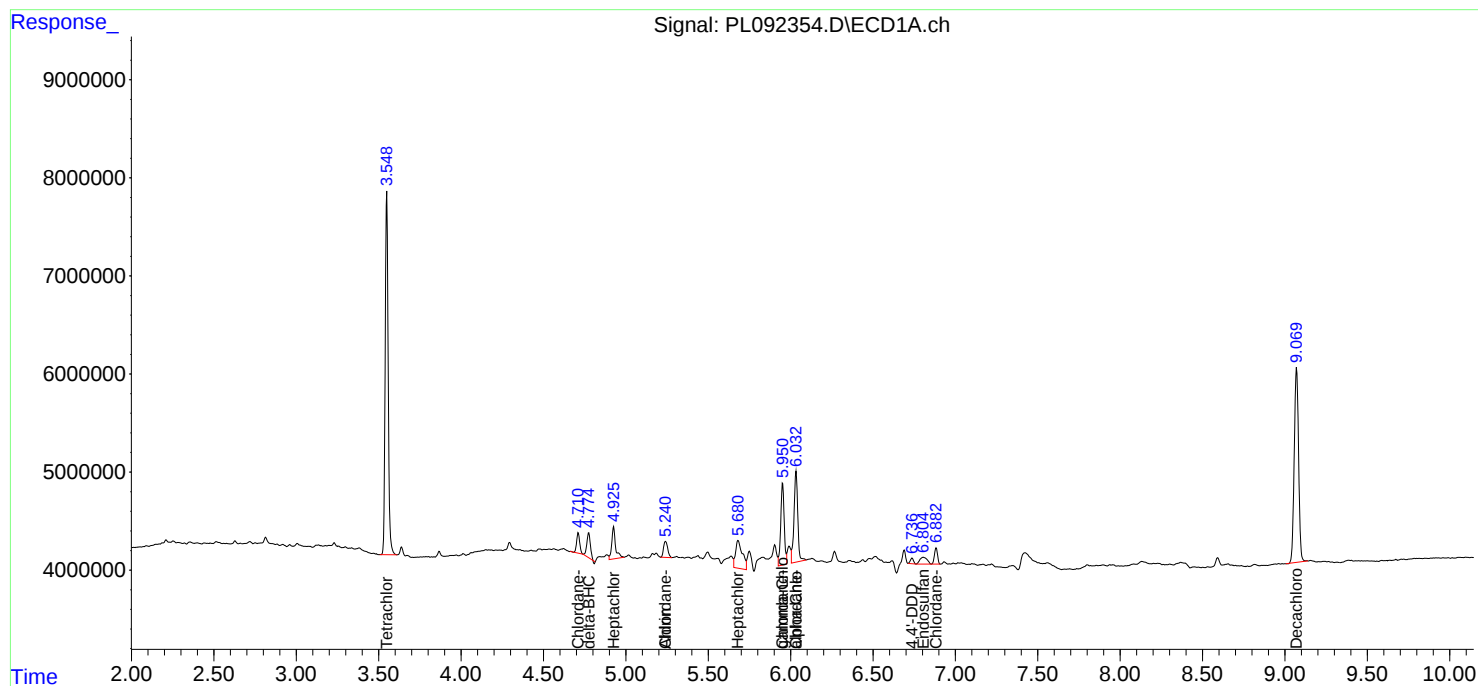
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

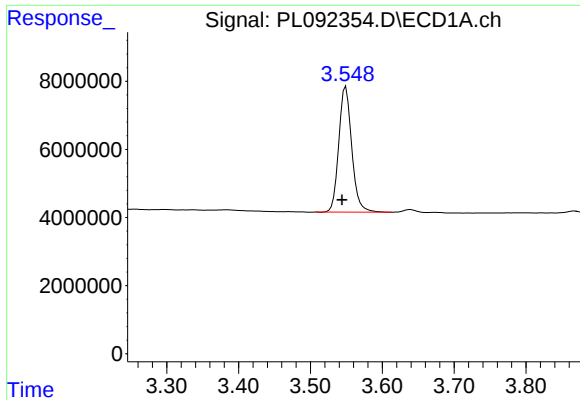
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101424\
Data File : PL092354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 13:08
Operator : AR\AJ
Sample : P4368-01
Misc : CHLOR LOD 25PPB SOIL
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Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 01:57:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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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

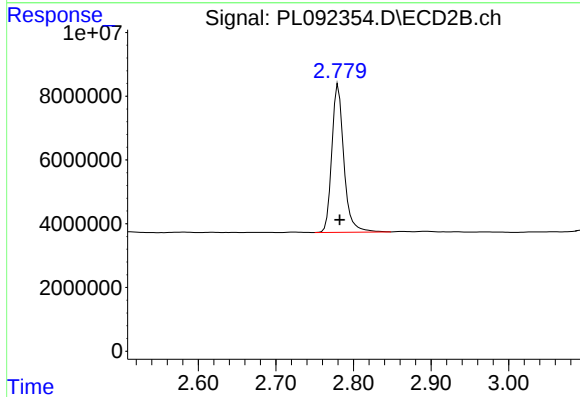




#1 Tetrachloro-m-xylene

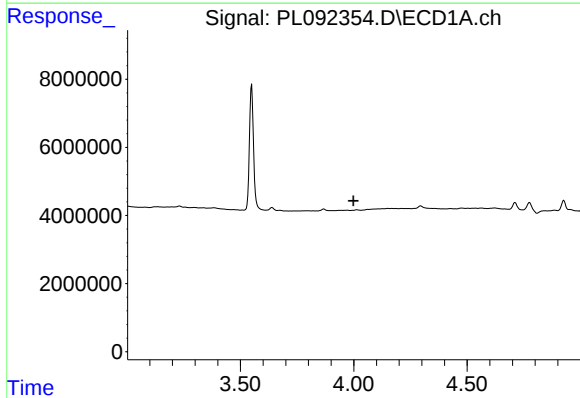
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 46170244
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



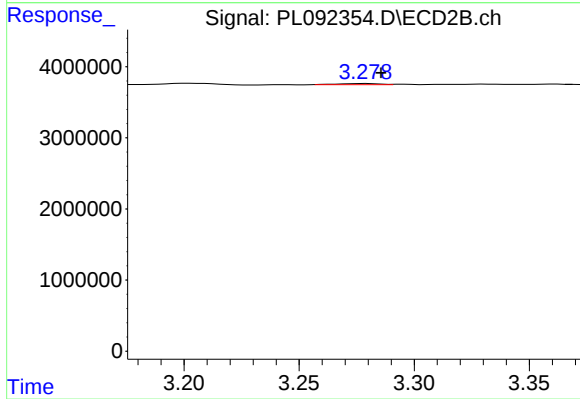
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 49887795
Conc: 19.89 ng/ml



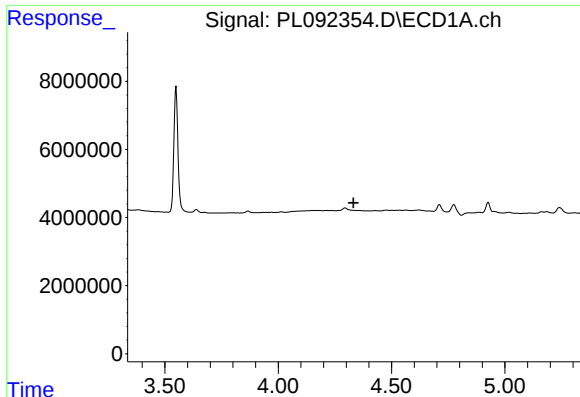
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

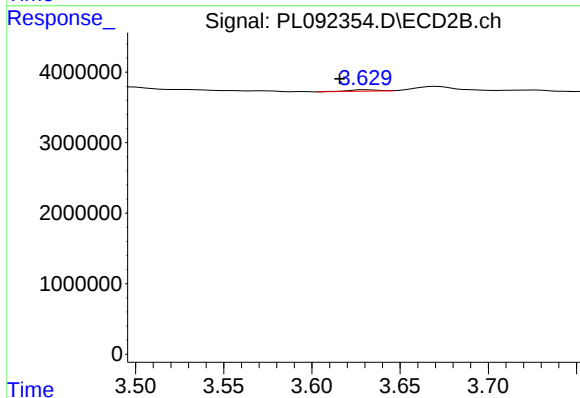
R.T.: 3.279 min
Delta R.T.: -0.007 min
Response: 186477
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

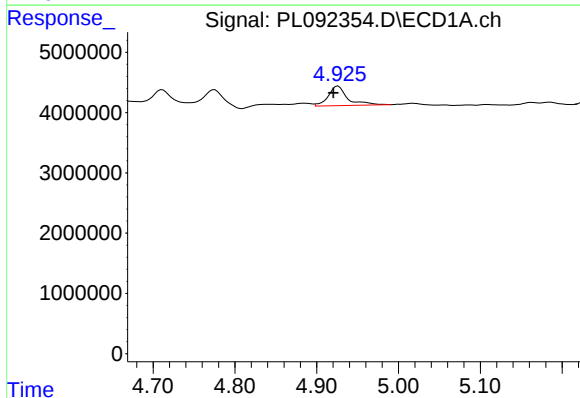
R.T.: 0.000 min
Exp R.T.: 4.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



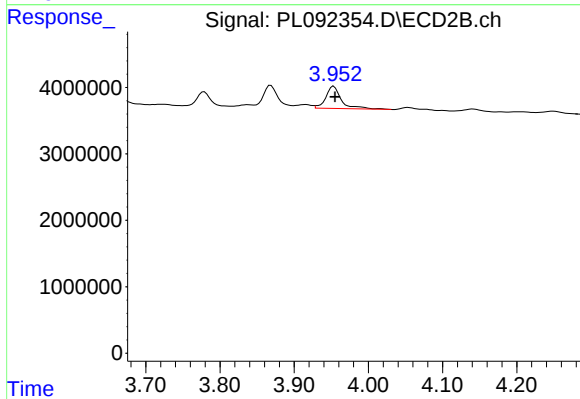
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.015 min
Response: 213044
Conc: 0.06 ng/ml



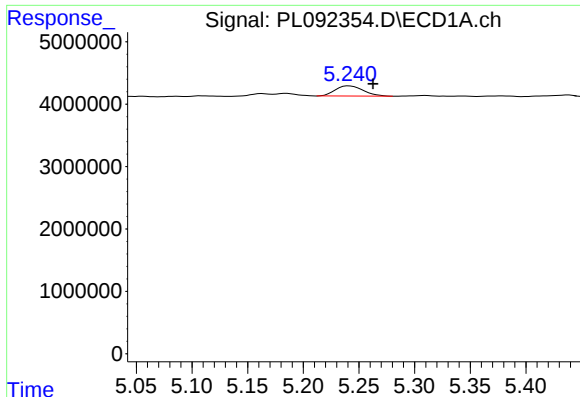
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.006 min
Response: 5302114
Conc: 1.92 ng/ml



#4 Heptachlor

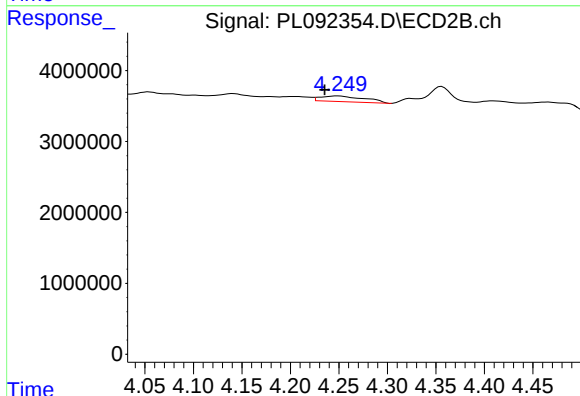
R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 4785915
Conc: 1.39 ng/ml



#5 Aldrin

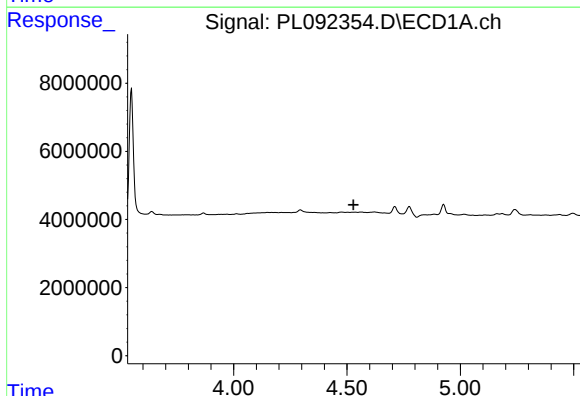
R.T.: 5.241 min
Delta R.T.: -0.022 min
Response: 2866370
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



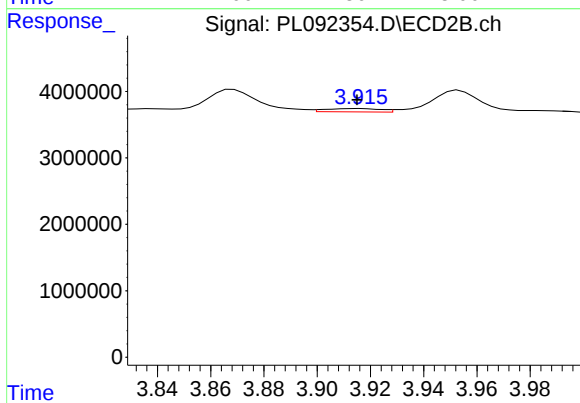
#5 Aldrin

R.T.: 4.249 min
Delta R.T.: 0.014 min
Response: 2554896
Conc: 0.75 ng/ml



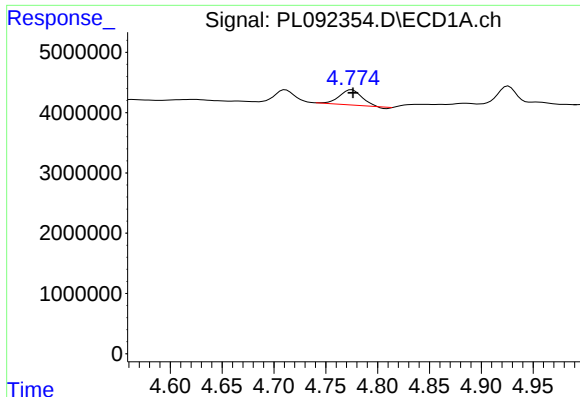
#6 beta-BHC

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



#6 beta-BHC

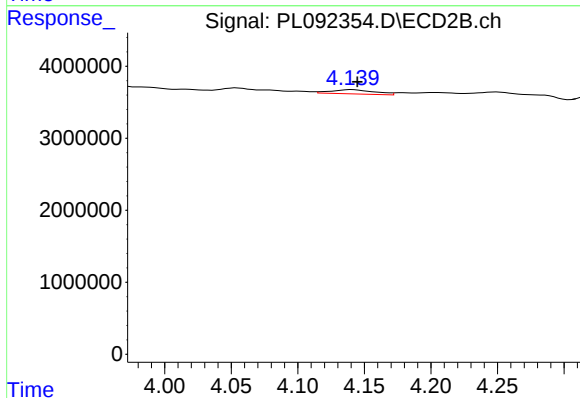
R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 725159
Conc: 0.48 ng/ml



#7 delta-BHC

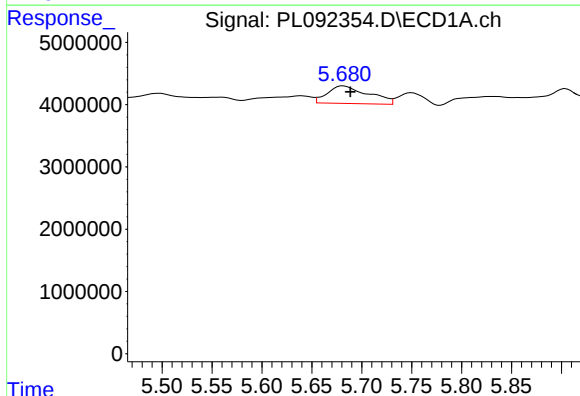
R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 3576577
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



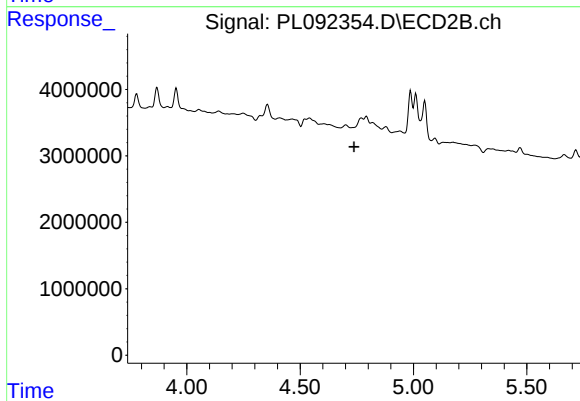
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 1347013
Conc: 0.39 ng/ml



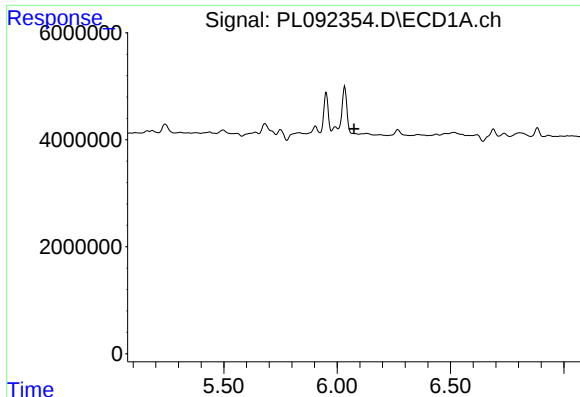
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 8111844
Conc: 3.19 ng/ml



#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.738 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 :
LOD-MDL-SOIL-01-QT4-2024

#9 Endosulfan I

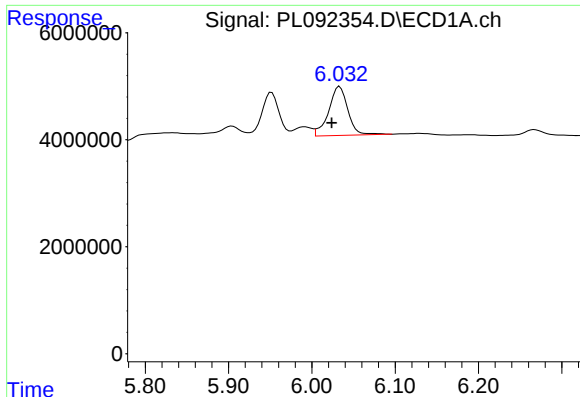
R.T.: 5.095 min
Delta R.T.: -0.013 min
Response: 818365
Conc: 0.30 ng/ml

#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.007 min
Response: 12275212
Conc: 4.97 ng/ml

#10 gamma-Chlordane

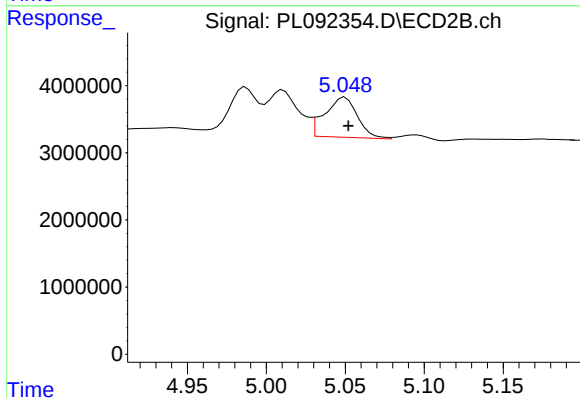
R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 8550020
Conc: 2.84 ng/ml



#11 alpha-Chlordane

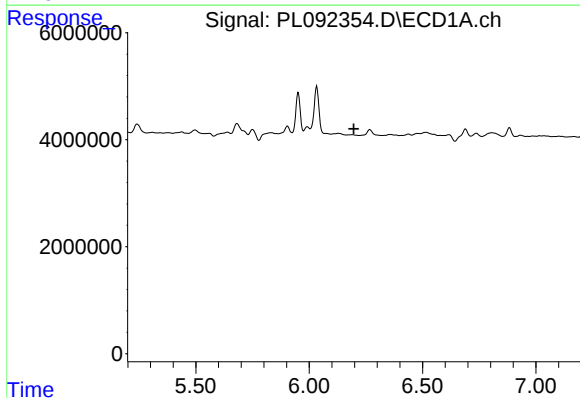
R.T.: 6.033 min
Delta R.T.: 0.010 min
Response: 14670942
Conc: 5.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



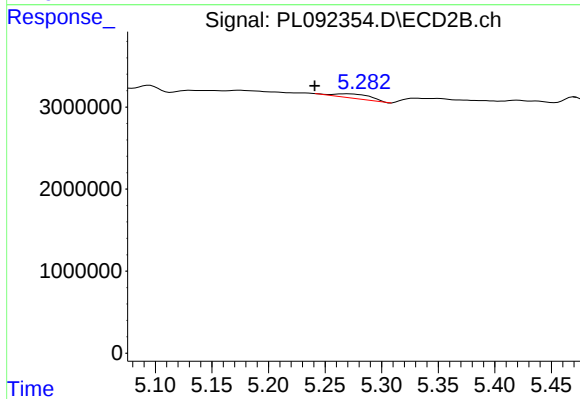
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 8537482
Conc: 2.85 ng/ml



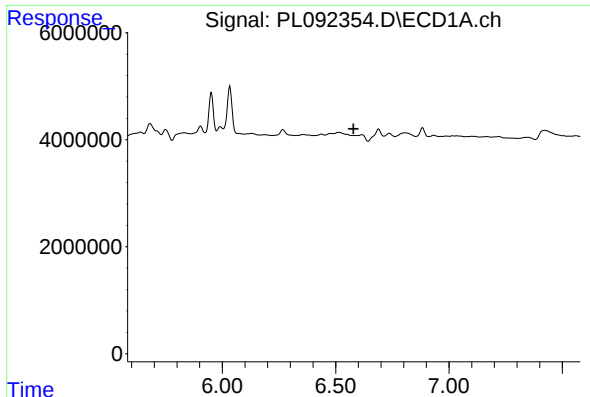
#12 4,4'-DDE

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



#12 4,4'-DDE

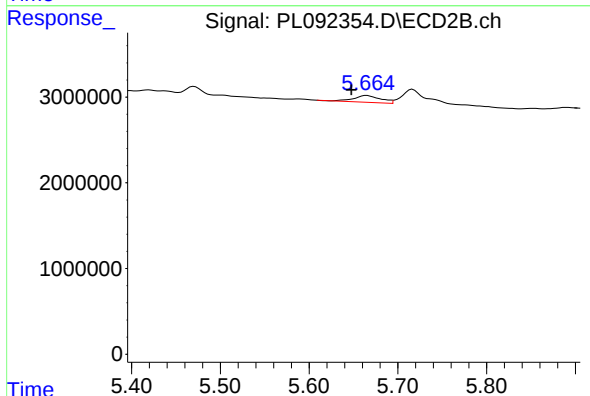
R.T.: 5.269 min
Delta R.T.: 0.028 min
Response: 1207692
Conc: 0.43 ng/ml



#14 Endrin

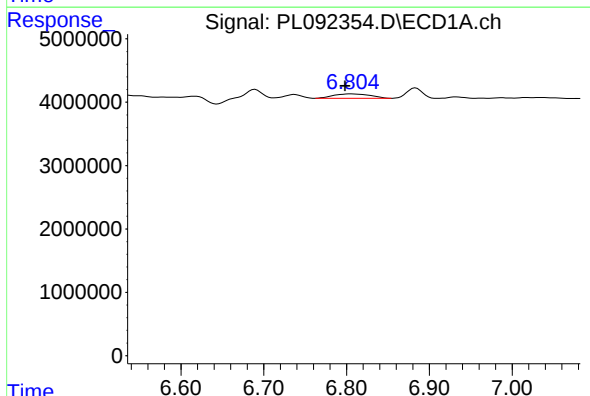
R.T.: 0.000 min
Exp R.T.: 6.579 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



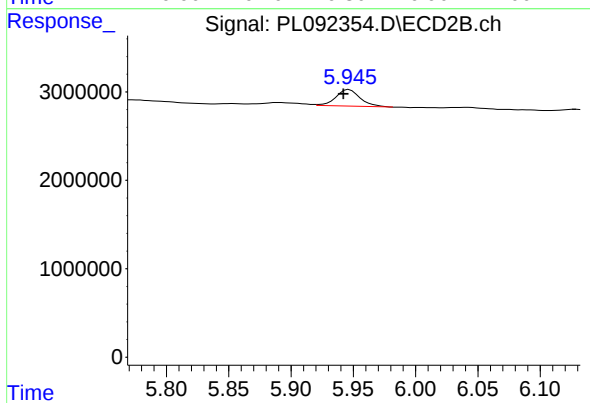
#14 Endrin

R.T.: 5.665 min
Delta R.T.: 0.017 min
Response: 1721338
Conc: 0.66 ng/ml



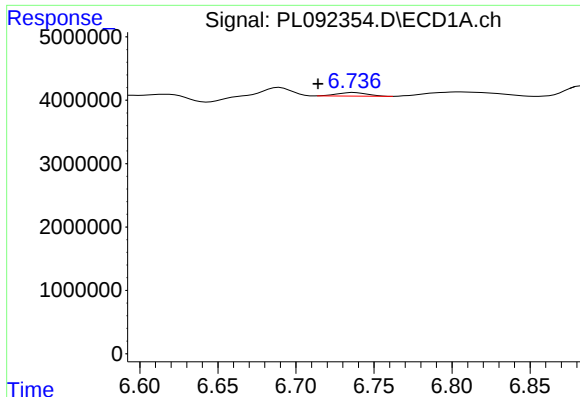
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.007 min
Response: 2144410
Conc: 0.97 ng/ml



#15 Endosulfan II

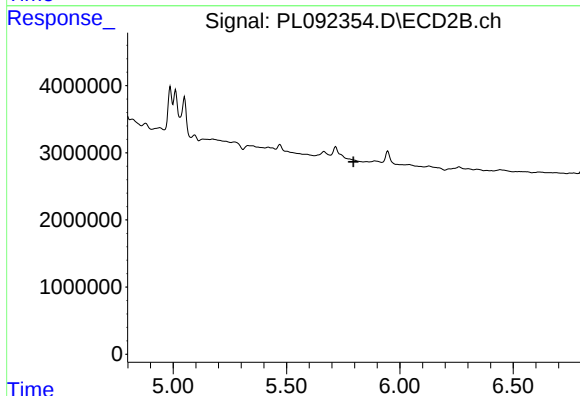
R.T.: 5.947 min
Delta R.T.: 0.005 min
Response: 2497701
Conc: 1.00 ng/ml



#16 4,4'-DDD

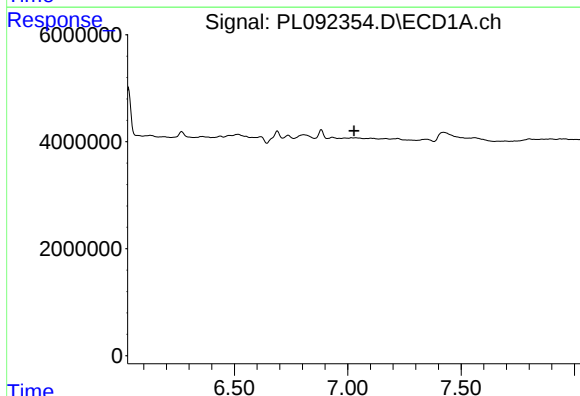
R.T.: 6.737 min
Delta R.T.: 0.023 min
Response: 758637
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



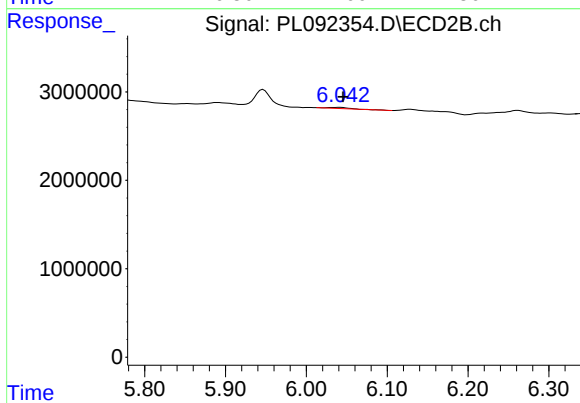
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.796 min
Response: 0
Conc: N.D.



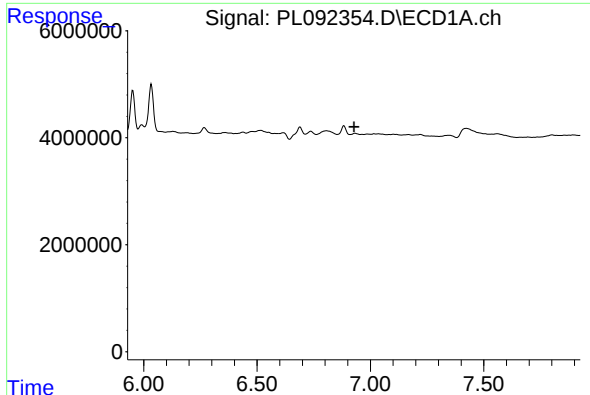
#17 4,4'-DDT

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



#17 4,4'-DDT

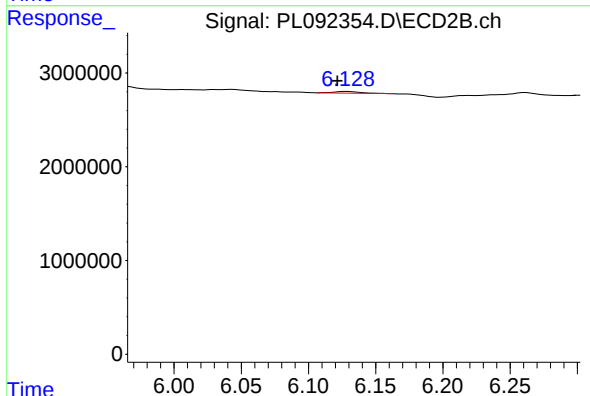
R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 237352
Conc: 0.10 ng/ml



#18 Endrin aldehyde

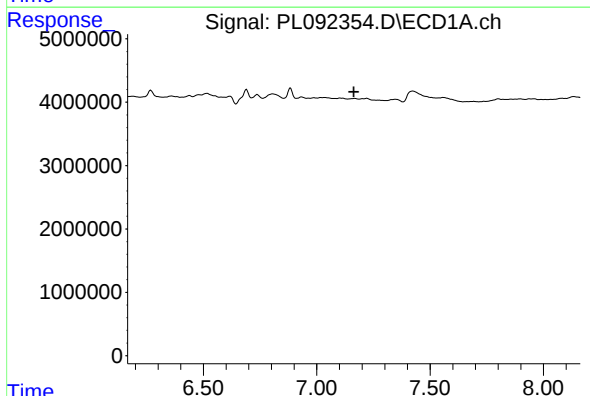
R.T.: 0.000 min
Exp R.T.: 6.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



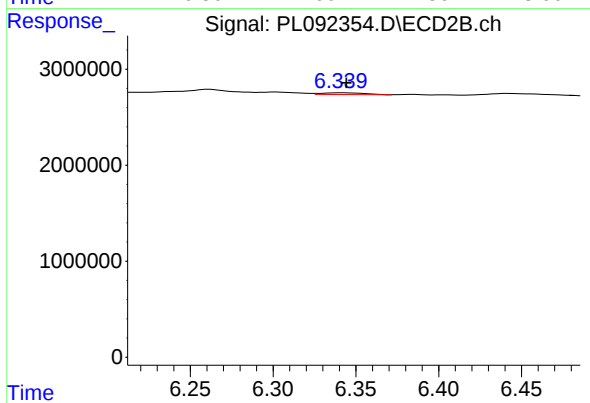
#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.007 min
Response: 205117
Conc: 0.10 ng/ml



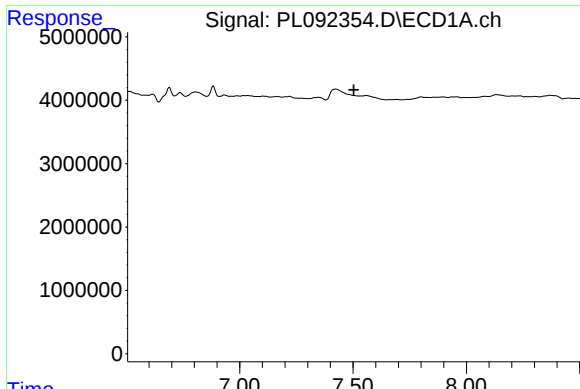
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

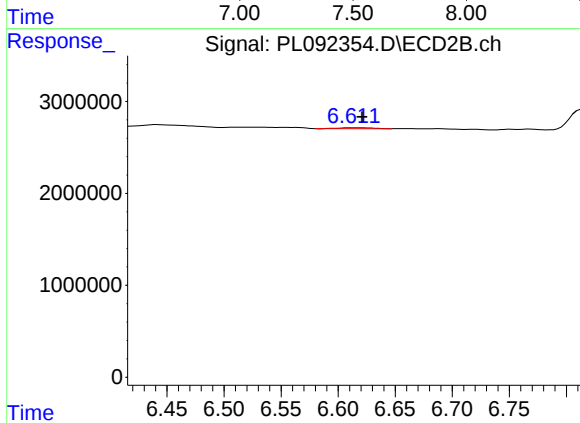
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 317684
Conc: 0.13 ng/ml



#20 Methoxychlor

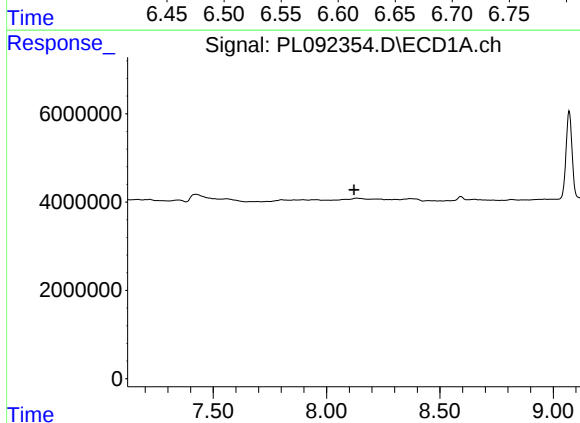
R.T.: 0.000 min
Exp R.T.: 7.504 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



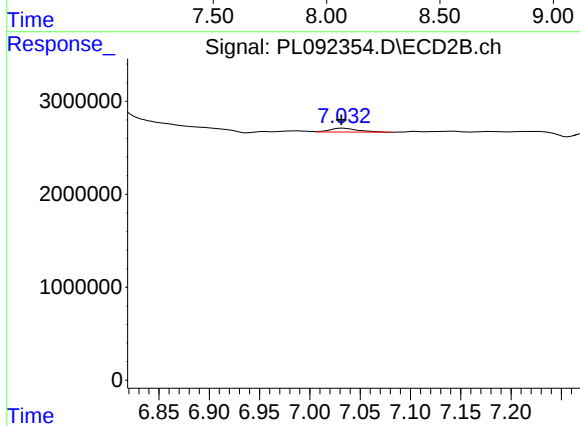
#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.008 min
Response: 185044
Conc: 0.15 ng/ml



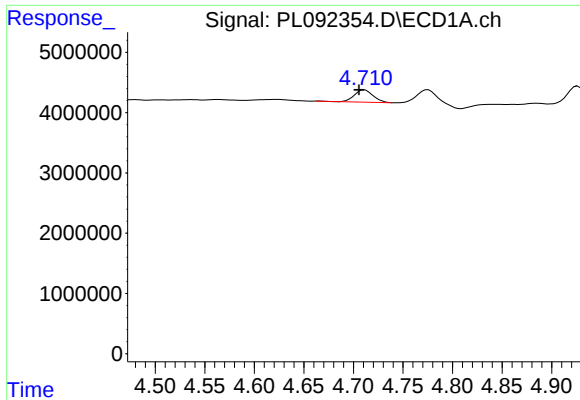
#22 Mirex

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



#22 Mirex

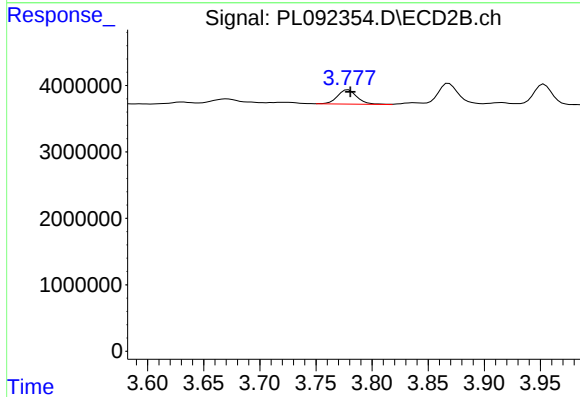
R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 802090
Conc: 0.33 ng/ml



#23 Chlordane-1

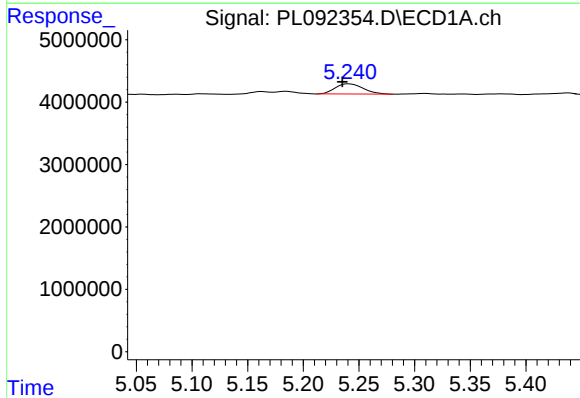
R.T.: 4.711 min
Delta R.T.: 0.005 min
Response: 2648905
Conc: 25.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



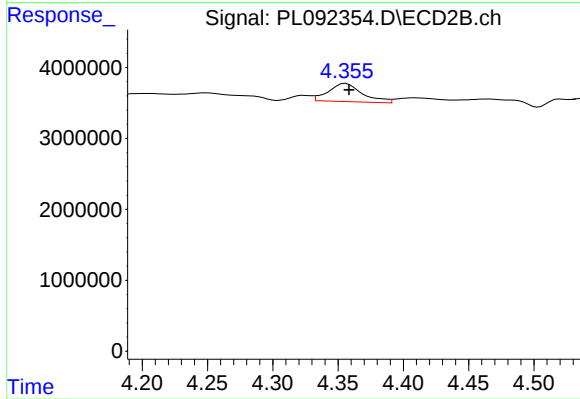
#23 Chlordane-1

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 2630166
Conc: 26.31 ng/ml



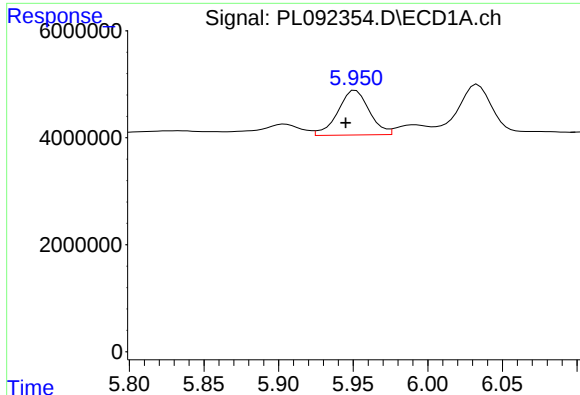
#24 Chlordane-2

R.T.: 5.241 min
Delta R.T.: 0.006 min
Response: 2866370
Conc: 26.73 ng/ml



#24 Chlordane-2

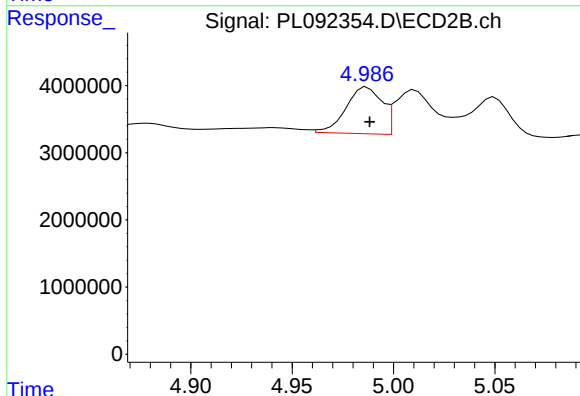
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4625559
Conc: 41.22 ng/ml



#25 Chlordane-3

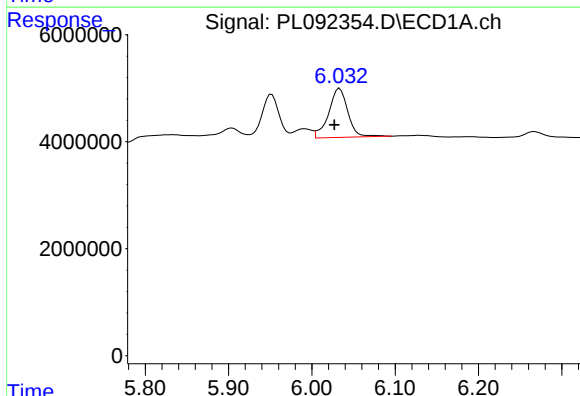
R.T.: 5.952 min
Delta R.T.: 0.007 min
Response: 12275212
Conc: 32.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



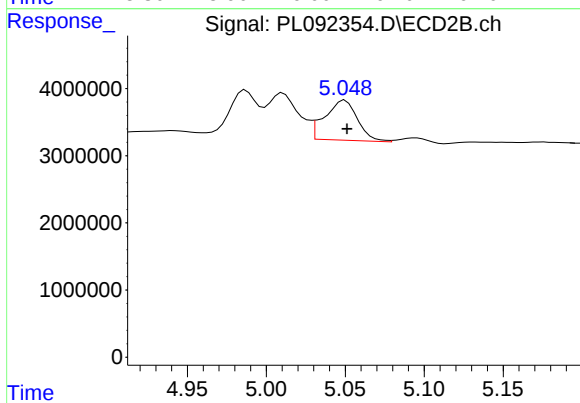
#25 Chlordane-3

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 8550020
Conc: 25.81 ng/ml



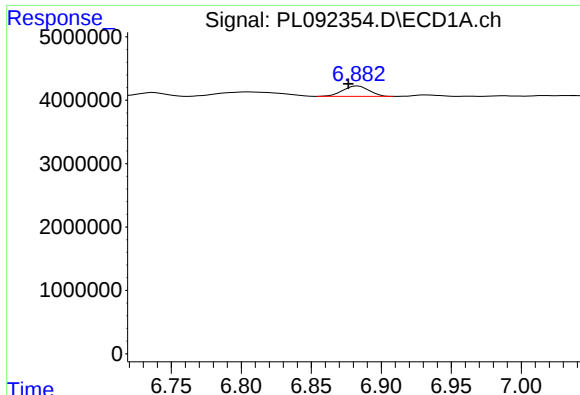
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 14670942
Conc: 32.40 ng/ml



#26 Chlordane-4

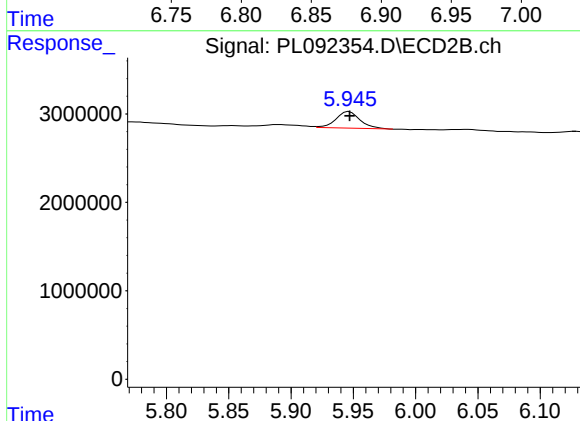
R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 8537482
Conc: 26.91 ng/ml



#27 Chlordane-5

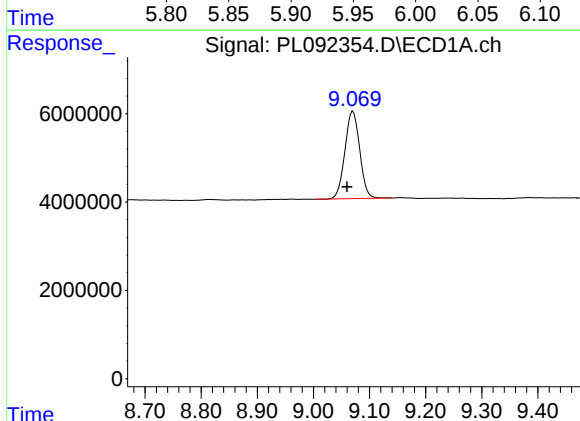
R.T.: 6.883 min
Delta R.T.: 0.007 min
Response: 2140363
Conc: 24.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



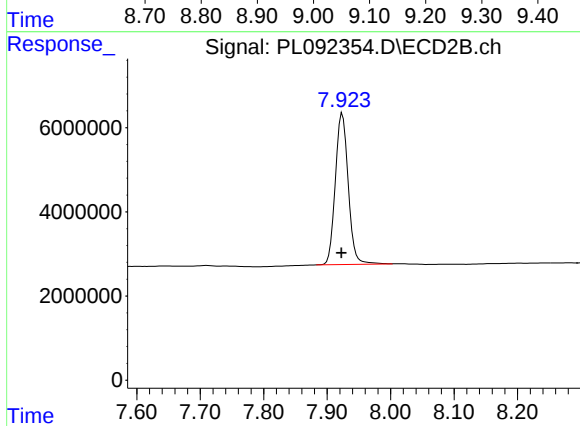
#27 Chlordane-5

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 2497701
Conc: 23.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.010 min
Response: 36171535
Conc: 22.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 50933688
Conc: 20.36 ng/ml