

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120224\
 Data File : PL093315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2024 11:46
 Operator : AR\AJ
 Sample : P4776-04
 Misc : PEST MDL 1 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-QT4-2024-08

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 22:17:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:17:00 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

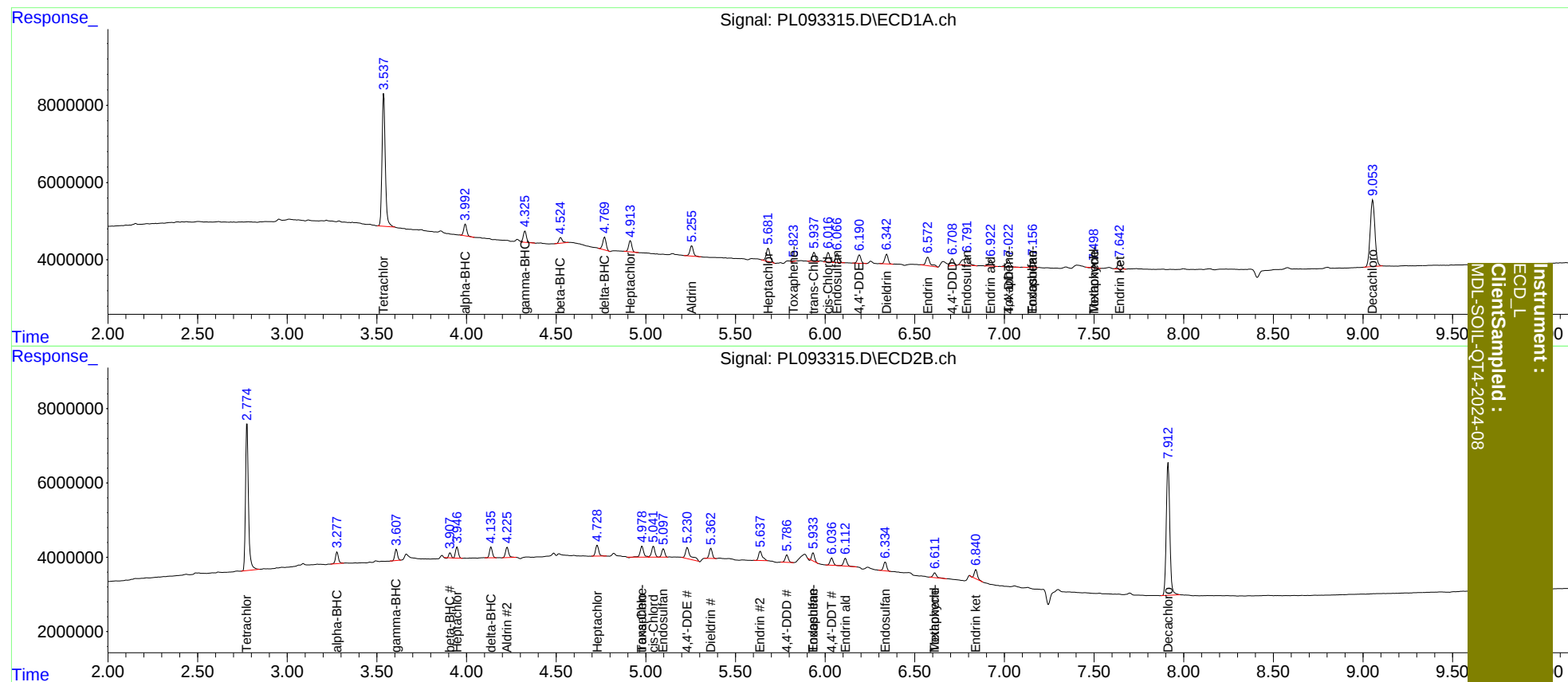
System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.776	43359878	45476506	16.330	15.843
27)	SA Decachlor...	9.054	7.913	31621200	49244839	15.642	14.680
Target Compounds							
2)	A alpha-BHC	3.993	3.278	3503508	3550966	0.919	0.831
3)	MA gamma-BHC...	4.326	3.608	3655186	3136233	1.032	0.776
4)	MA Heptachlor	4.914	3.947	3546118	3290446	1.021	0.779
5)	MB Aldrin	5.256	4.227	3600015	3450141	1.132	0.880
6)	B beta-BHC	4.525	3.909	1963672	1145572	1.218	0.602 #
7)	B delta-BHC	4.770	4.137	4225249	3159122	1.222	0.762 #
8)	B Heptachlo...	5.683	4.729	4993363	3649009	1.664	0.966 #
9)	A Endosulfan I	6.068	5.098	2956503	2592413	1.110	0.740 #
10)	B trans-Chl...	5.939	4.979	3035938	3916155	1.063	0.982
11)	B cis-Chlor...	6.018	5.043	3277646	3679130	1.144	0.952
12)	B 4,4'-DDE	6.192	5.231	2851189	5753558	1.119	1.451 #
13)	MA Dieldrin	6.344	5.363	3212566	3261714	1.158	0.833 #
14)	MA Endrin	6.573	5.639	3864238	3594698	1.708	1.058 #
15)	B Endosulfa...	6.792	5.933	5441547	2015116	2.263	0.584 #
16)	A 4,4'-DDD	6.710	5.787	2579986	2471793	1.283	0.826 #
17)	MA 4,4'-DDT	7.023	6.037	2749146	2423822	1.313	0.764 #
18)	B Endrin al...	6.924	6.113	2061598	2772372	1.129	1.058
19)	B Endosulfa...	7.158	6.336	2735225	2868411	1.212	0.887 #
20)	A Methoxychlor	7.499	6.612	902248	1863186	0.841	1.139 #
21)	B Endrin ke...	7.643	6.841	2783232	2846586	1.101	0.785 #
22)	Toxaphene-1	5.824	4.979	302174	3916155	32.499	203.341 #
23)	Toxaphene-2	0.000	5.933	0	2015116	N.D.	122.906
24)	Toxaphene-3	7.023	6.612	2749146	1863186	41.788	24.823 #
25)	Toxaphene-4	7.158	0.000	2735225	0	55.666	N.D. #
26)	Toxaphene-5	7.499f	0.000	902248	0	26.357	N.D. #

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

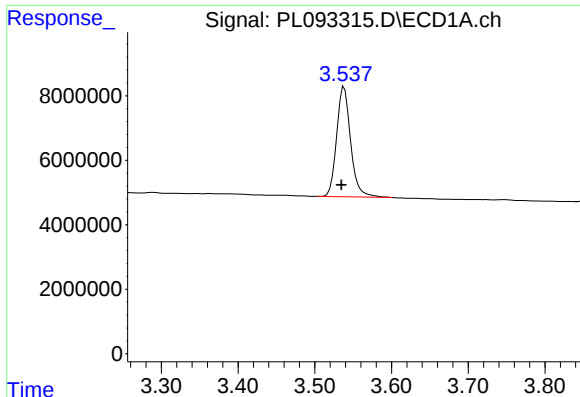
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120224\
Data File : PL093315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2024 11:46
Operator : AR\AJ
Sample : P4776-04
Misc : PEST MDL 1 PPB
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 22:17:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:17:00 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 x 0.50µm



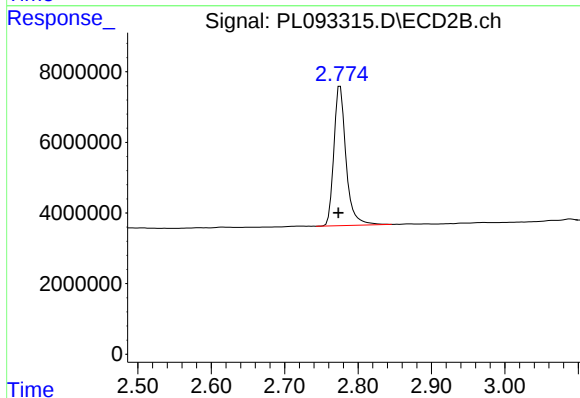
Instrument :
ECD_L
Client Sample :
MDL-SOIL-QT4-2024-08



#1 Tetrachloro-m-xylene

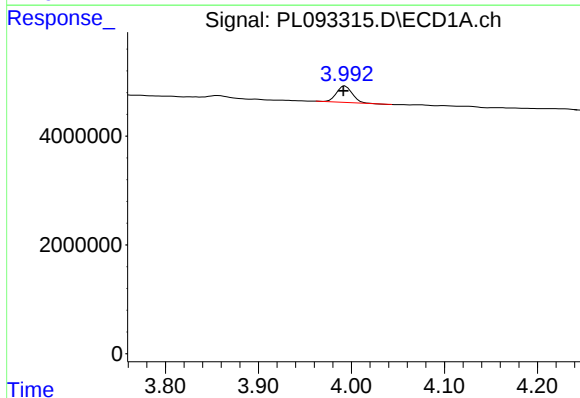
R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 43359878
Conc: 16.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



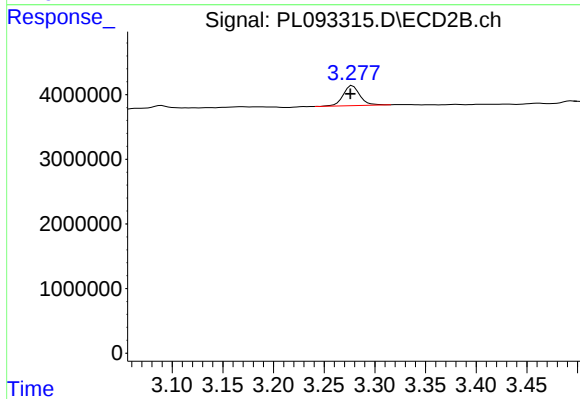
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 45476506
Conc: 15.84 ng/ml



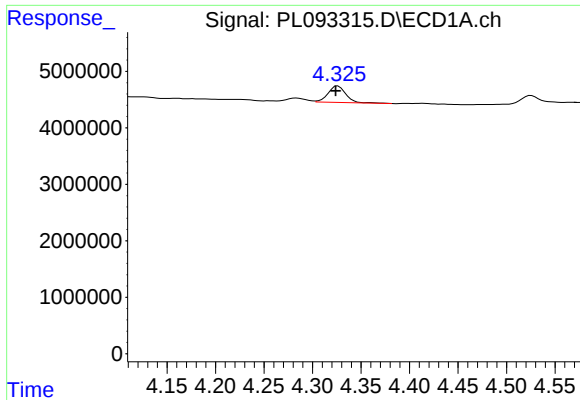
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 3503508
Conc: 0.92 ng/ml



#2 alpha-BHC

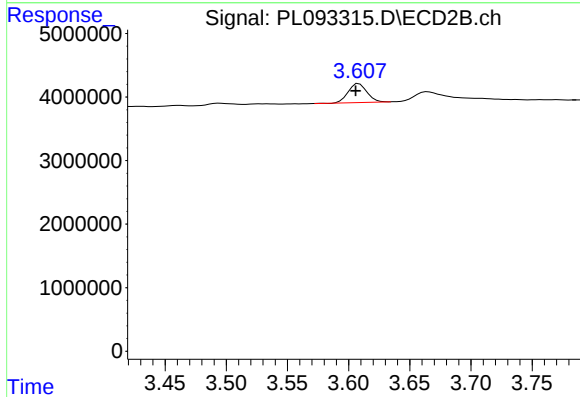
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3550966
Conc: 0.83 ng/ml



#3 gamma-BHC (Lindane)

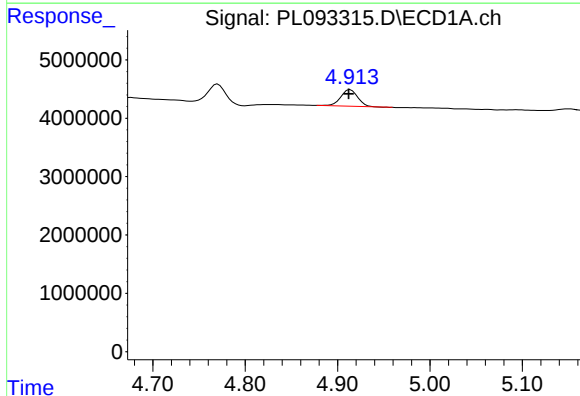
R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 3655186
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



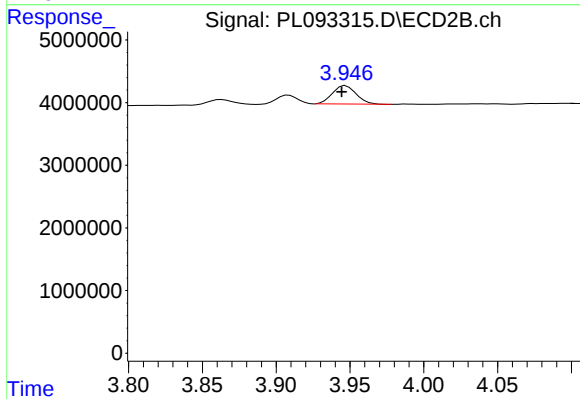
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.003 min
Response: 3136233
Conc: 0.78 ng/ml



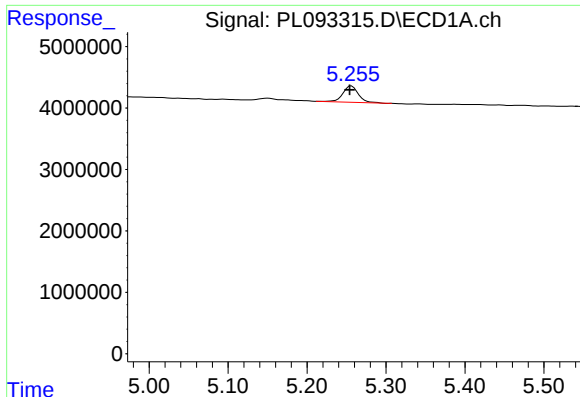
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 3546118
Conc: 1.02 ng/ml



#4 Heptachlor

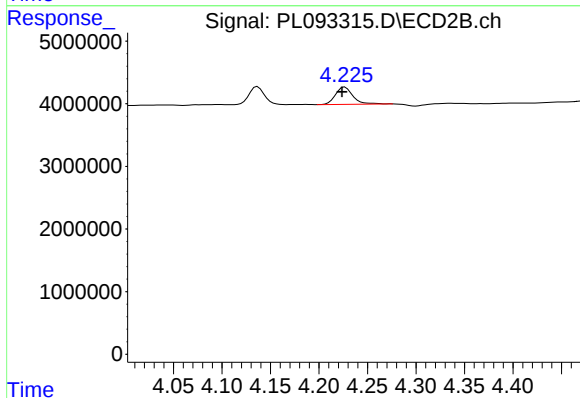
R.T.: 3.947 min
Delta R.T.: 0.003 min
Response: 3290446
Conc: 0.78 ng/ml



#5 Aldrin

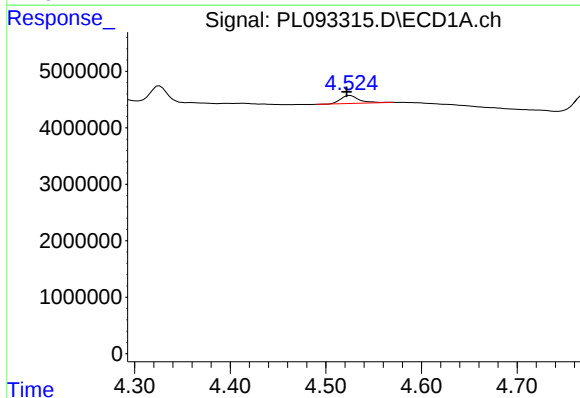
R.T.: 5.256 min
Delta R.T.: 0.002 min
Response: 3600015
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



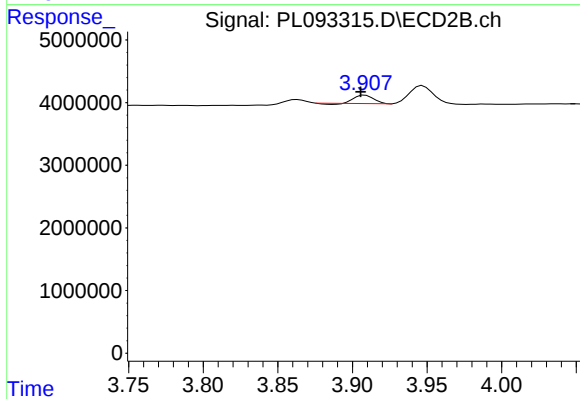
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.003 min
Response: 3450141
Conc: 0.88 ng/ml



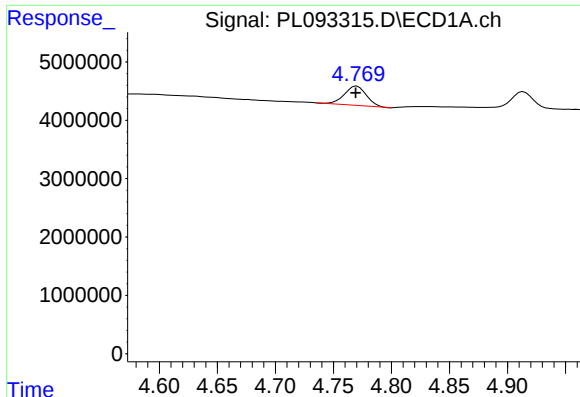
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 1963672
Conc: 1.22 ng/ml



#6 beta-BHC

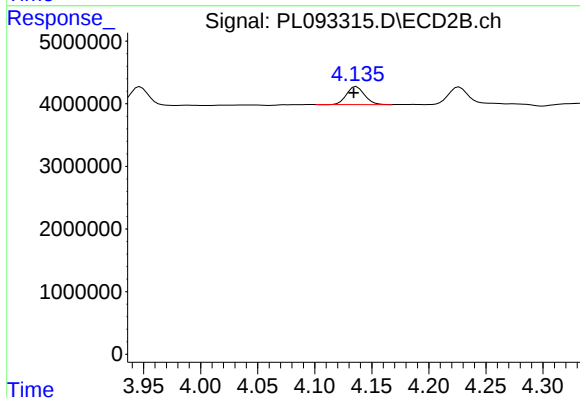
R.T.: 3.909 min
Delta R.T.: 0.003 min
Response: 1145572
Conc: 0.60 ng/ml



#7 delta-BHC

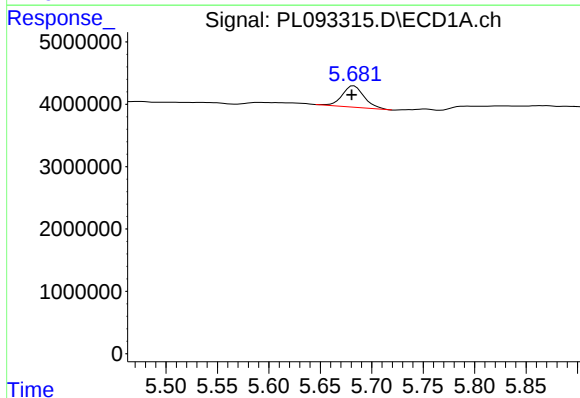
R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 4225249
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



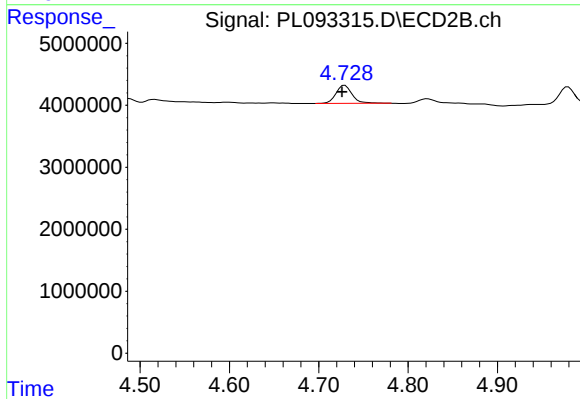
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.002 min
Response: 3159122
Conc: 0.76 ng/ml



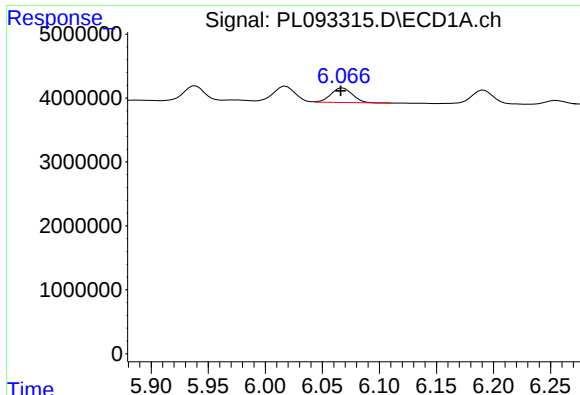
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 4993363
Conc: 1.66 ng/ml



#8 Heptachlor epoxide

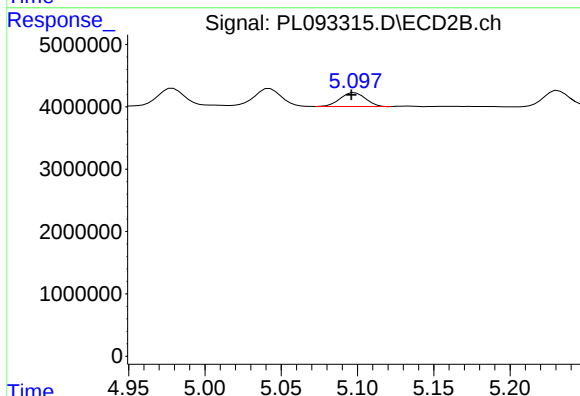
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 3649009
Conc: 0.97 ng/ml



#9 Endosulfan I

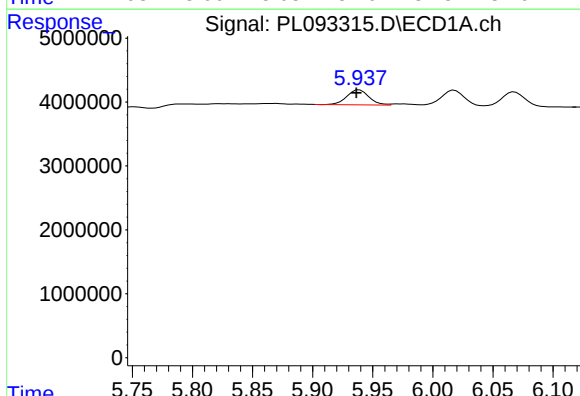
R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2956503
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



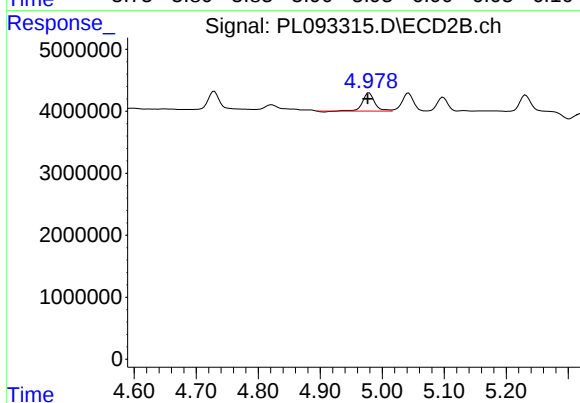
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 2592413
Conc: 0.74 ng/ml



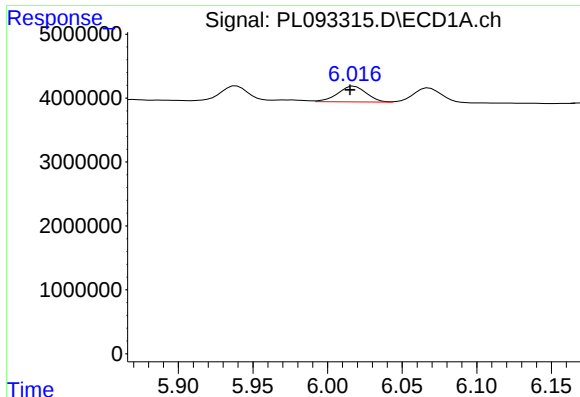
#10 trans-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 3035938
Conc: 1.06 ng/ml



#10 trans-Chlordane

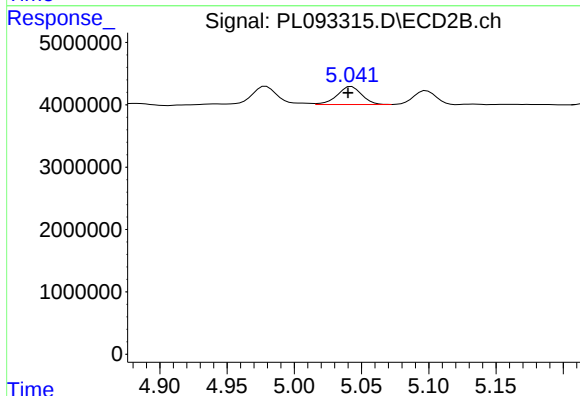
R.T.: 4.979 min
Delta R.T.: 0.003 min
Response: 3916155
Conc: 0.98 ng/ml



#11 cis-Chlordane

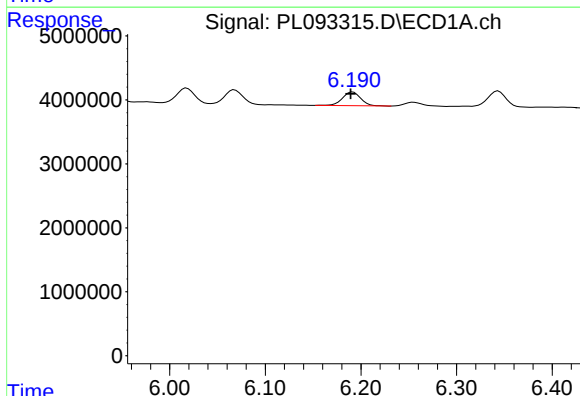
R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 3277646
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



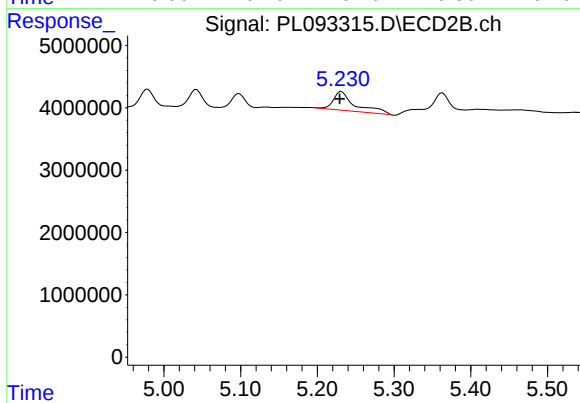
#11 cis-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 3679130
Conc: 0.95 ng/ml



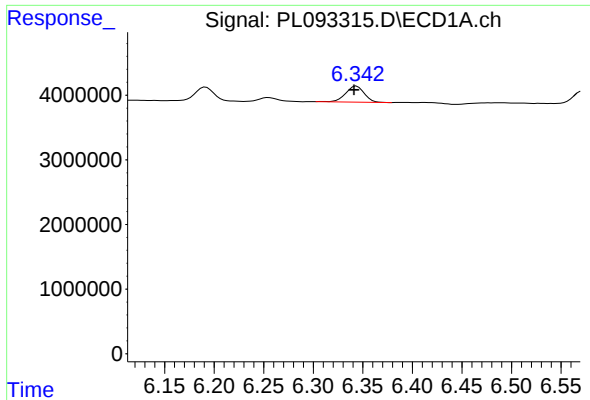
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 2851189
Conc: 1.12 ng/ml



#12 4,4'-DDE

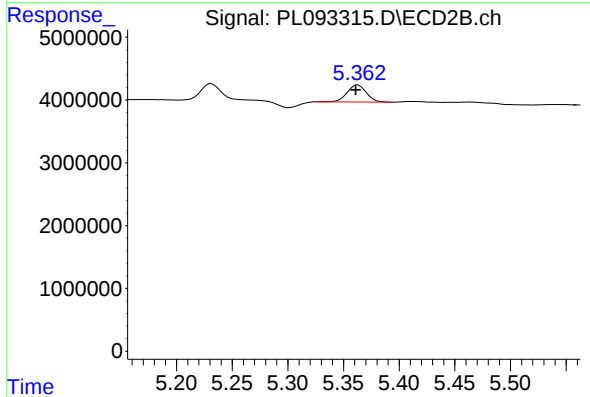
R.T.: 5.231 min
Delta R.T.: 0.002 min
Response: 5753558
Conc: 1.45 ng/ml



#13 Dieldrin

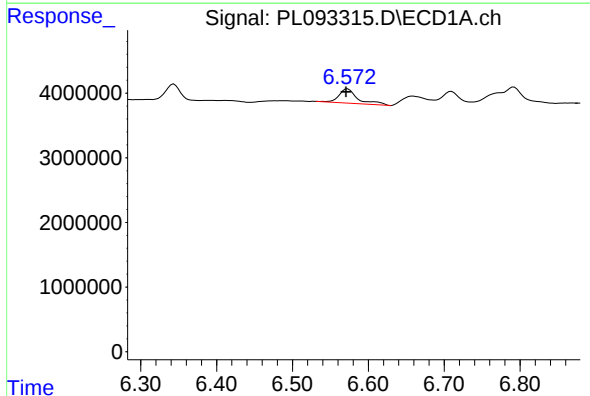
R.T.: 6.344 min
Delta R.T.: 0.003 min
Response: 3212566
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



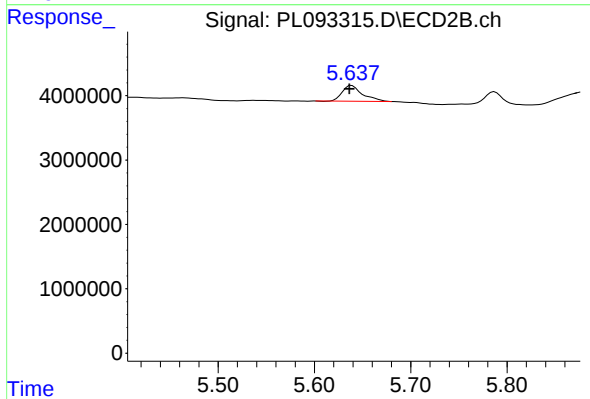
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 3261714
Conc: 0.83 ng/ml



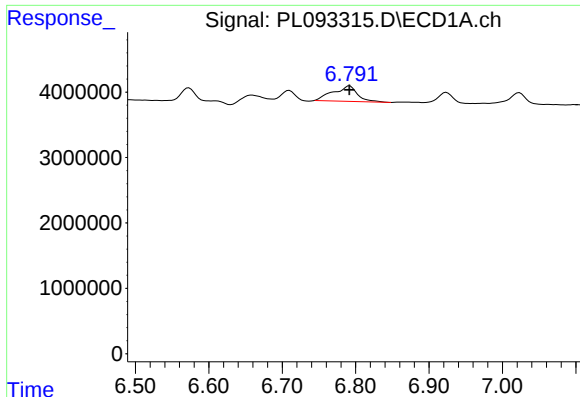
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 3864238
Conc: 1.71 ng/ml



#14 Endrin

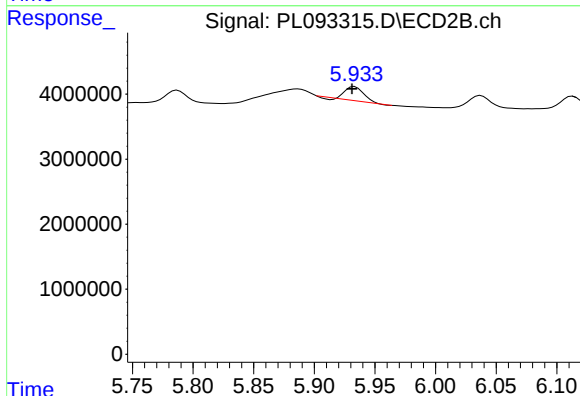
R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 3594698
Conc: 1.06 ng/ml



#15 Endosulfan II

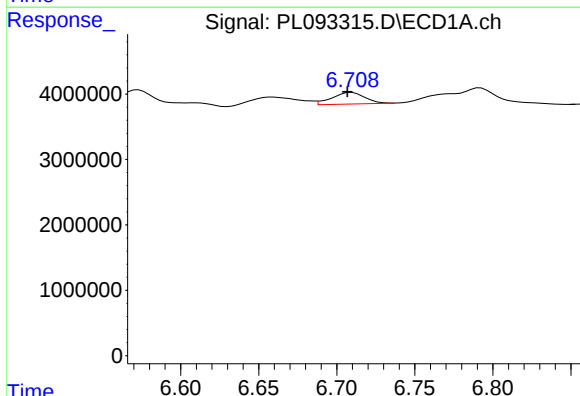
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 5441547
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



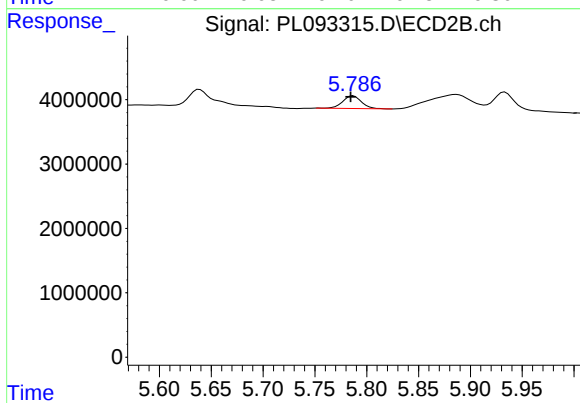
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 2015116
Conc: 0.58 ng/ml



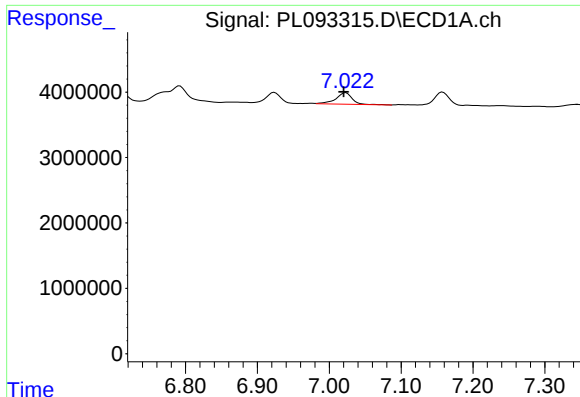
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.003 min
Response: 2579986
Conc: 1.28 ng/ml



#16 4,4'-DDD

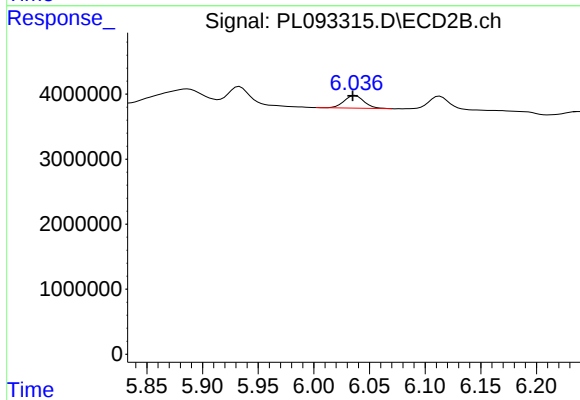
R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 2471793
Conc: 0.83 ng/ml



#17 4,4'-DDT

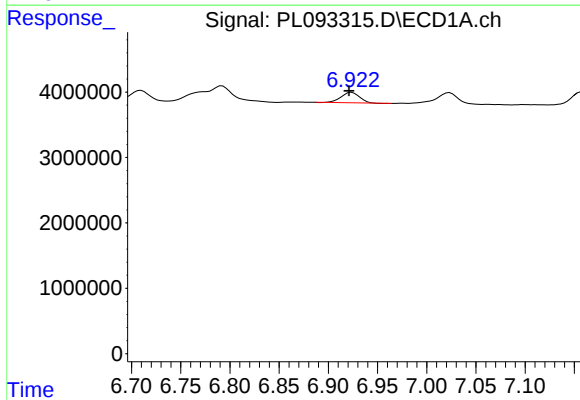
R.T.: 7.023 min
Delta R.T.: 0.003 min
Response: 2749146
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



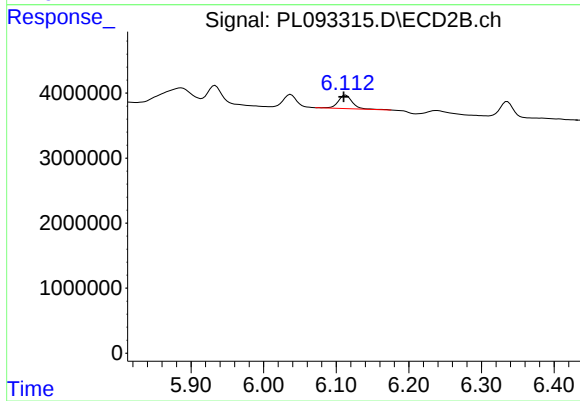
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 2423822
Conc: 0.76 ng/ml



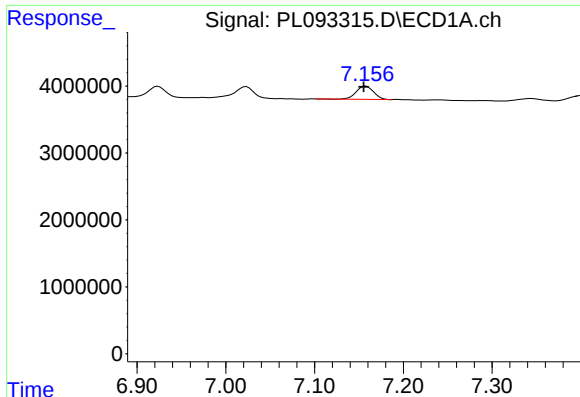
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.003 min
Response: 2061598
Conc: 1.13 ng/ml



#18 Endrin aldehyde

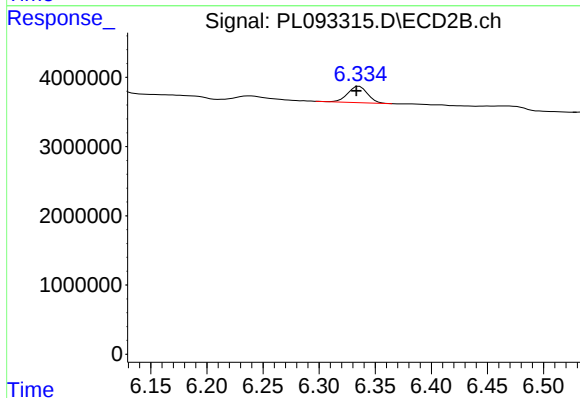
R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 2772372
Conc: 1.06 ng/ml



#19 Endosulfan Sulfate

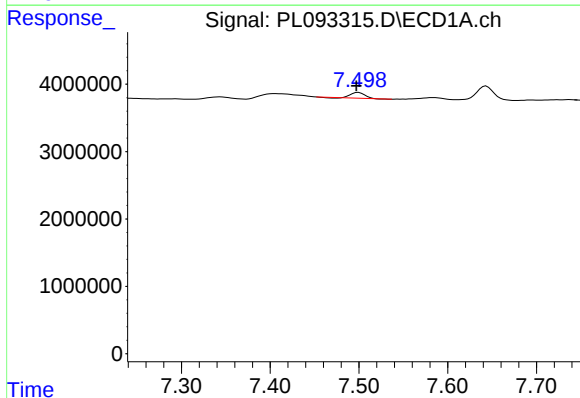
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 2735225
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



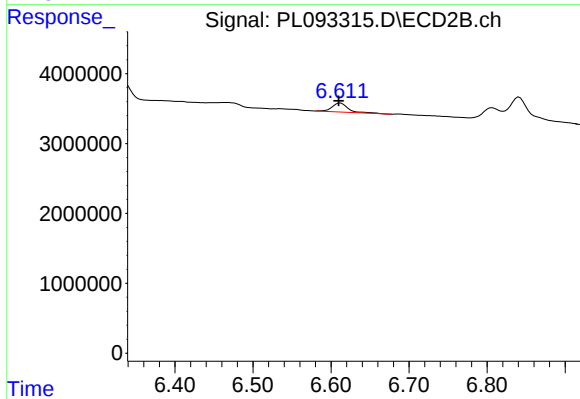
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.003 min
Response: 2868411
Conc: 0.89 ng/ml



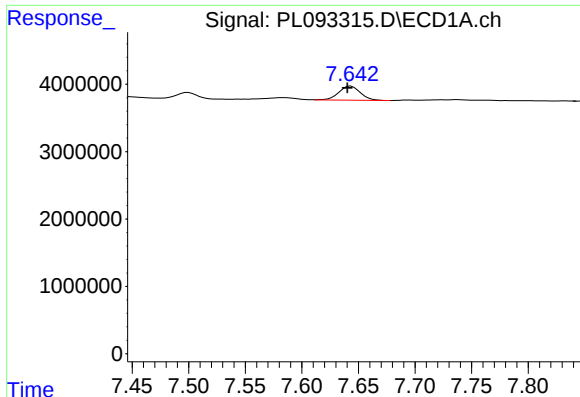
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 902248
Conc: 0.84 ng/ml



#20 Methoxychlor

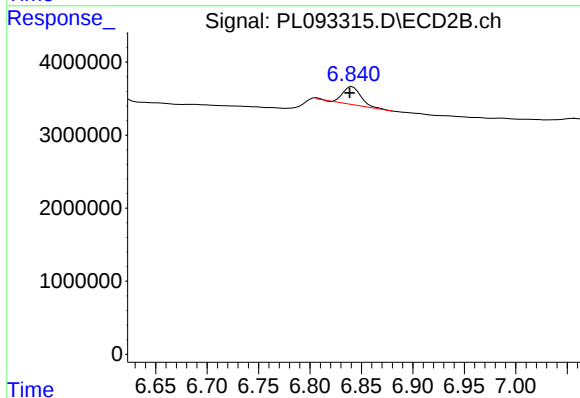
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 1863186
Conc: 1.14 ng/ml



#21 Endrin ketone

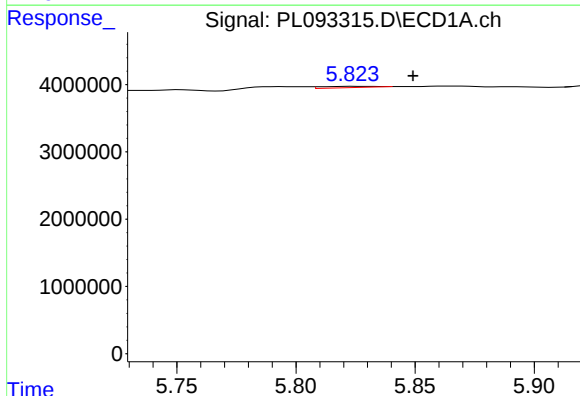
R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 2783232
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



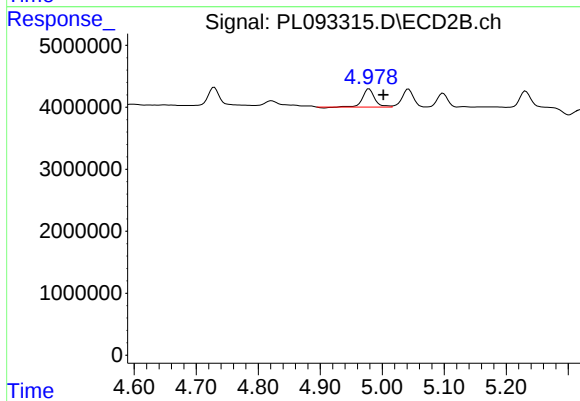
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 2846586
Conc: 0.79 ng/ml



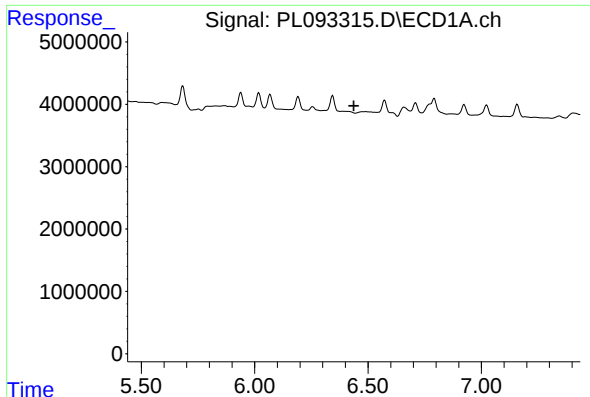
#22 Toxaphene-1

R.T.: 5.824 min
Delta R.T.: -0.025 min
Response: 302174
Conc: 32.50 ng/ml



#22 Toxaphene-1

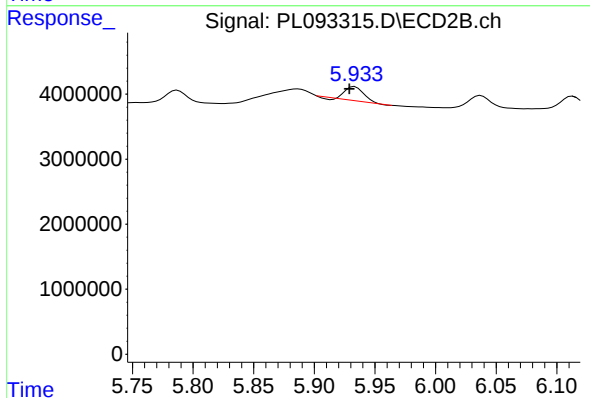
R.T.: 4.979 min
Delta R.T.: -0.023 min
Response: 3916155
Conc: 203.34 ng/ml



#23 Toxaphene-2

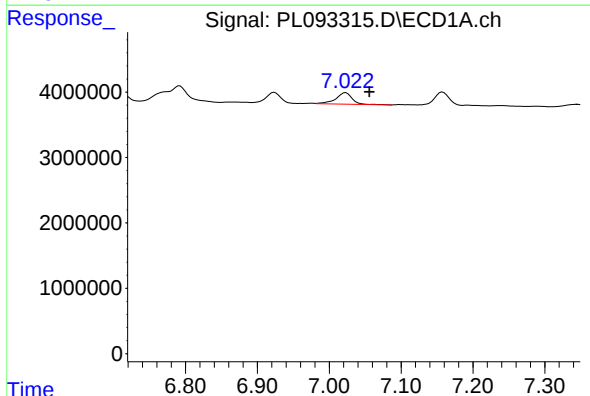
R.T.: 0.000 min
Exp R.T.: 6.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



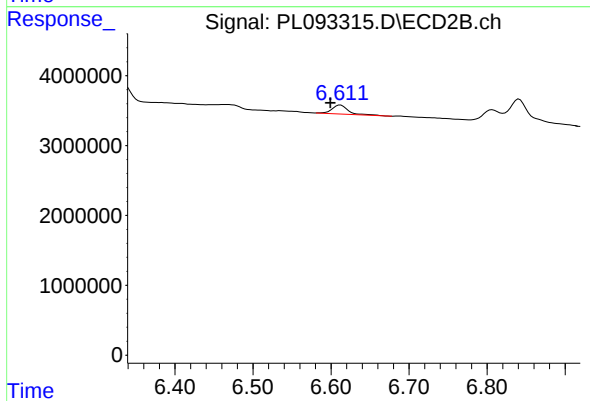
#23 Toxaphene-2

R.T.: 5.933 min
Delta R.T.: 0.005 min
Response: 2015116
Conc: 122.91 ng/ml



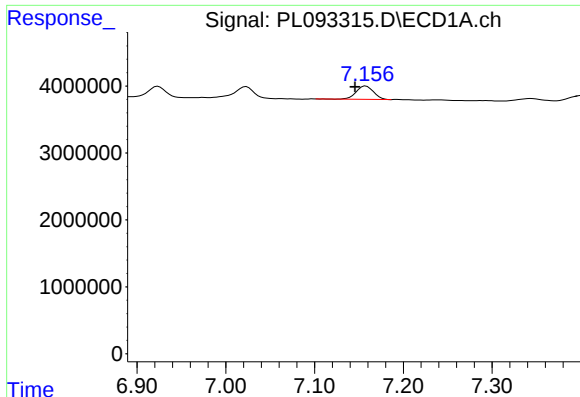
#24 Toxaphene-3

R.T.: 7.023 min
Delta R.T.: -0.033 min
Response: 2749146
Conc: 41.79 ng/ml



#24 Toxaphene-3

R.T.: 6.612 min
Delta R.T.: 0.013 min
Response: 1863186
Conc: 24.82 ng/ml



#25 Toxaphene-4

R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 2735225
Conc: 55.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08

#25 Toxaphene-4

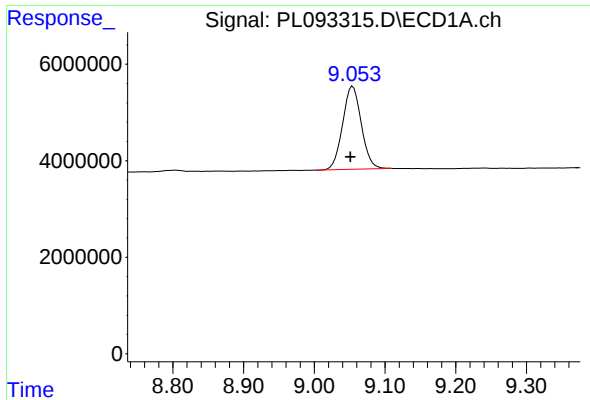
R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.

#26 Toxaphene-5

R.T.: 7.499 min
Delta R.T.: -0.069 min
Response: 902248
Conc: 26.36 ng/ml

#26 Toxaphene-5

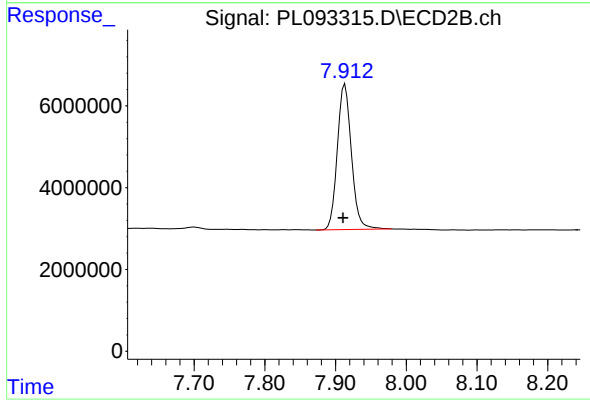
R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.003 min
Response: 31621200
Conc: 15.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-QT4-2024-08



#27 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 49244839
Conc: 14.68 ng/ml