

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
 Data File : PL093847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 12:01
 Operator : AR\AJ
 Sample : Q1168-03
 Misc : PEST MDL 1PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:23:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.776	51531207	58265081	19.137	17.850
28)	SA Decachlor...	9.073f	7.919	48307022	76900547	23.092	21.946
Target Compounds							
2)	A alpha-BHC	4.004	3.279	4338809	4013321	1.132	0.821 #
3)	MA gamma-BHC...	4.336	3.609	4805430	3847136	1.305	0.811 #
4)	MA Heptachlor	4.925	3.948	4469788	4523005	1.364	0.972 #
5)	MB Aldrin	5.267	4.228	4832102	4177516	1.477	0.916 #
6)	B beta-BHC	4.535	3.910	1683464	2388306	1.047	1.196
7)	B delta-BHC	4.781	4.138	7174140	4328909	2.047	0.911 #
8)	B Heptachlo...	5.694	4.731	3733298	4644908	1.255	1.111
9)	A Endosulfan I	6.079	5.101	3600059	4439578	1.362	1.145
10)	B gamma-Chl...	5.949	4.982	3753842	6972090	1.347	1.645
11)	B alpha-Chl...	6.029	5.046	3835574	5264530	1.376	1.257
12)	B 4,4'-DDE	6.203	5.234	3402329	4190219	1.397	1.045 #
13)	MA Dieldrin	6.354	5.366	3889139	4400625	1.401	1.024 #
14)	MA Endrin	6.585	5.642	2862260	4469799	1.221	1.210
15)	B Endosulfa...	6.804	5.937	4097520	4028580	1.701	1.088 #
16)	A 4,4'-DDD	6.721	5.790	2915698	3856199	1.534	1.222
17)	MA 4,4'-DDT	7.034	6.041	2629662	3876534	1.333	1.191
18)	B Endrin al...	6.935	6.116	2762864	3398970	1.421	1.116
19)	B Endosulfa...	7.170	6.340	3483555	4070100	1.539	1.141 #
20)	A Methoxychlor	0.000	6.616	0	2344319	N.D.	1.311 #
21)	B Endrin ke...	7.655	6.846	3869354	4792813	1.534	1.142 #
22)	Mirex	8.128	7.026	3053003	4895083	1.466	1.447
23)	Chlordane-1	0.000	3.771	0	34912	N.D.	0.280 #
24)	Chlordane-2	0.000	4.353	0	157199	N.D.	1.071 #
25)	Chlordane-3	5.949	4.982	3753842	6972090	9.570	16.034 #
26)	Chlordane-4	6.029	5.046	3835574	5264530	8.159	12.426 #
27)	Chlordane-5	0.000	5.937	0	4028580	N.D.	26.303 #

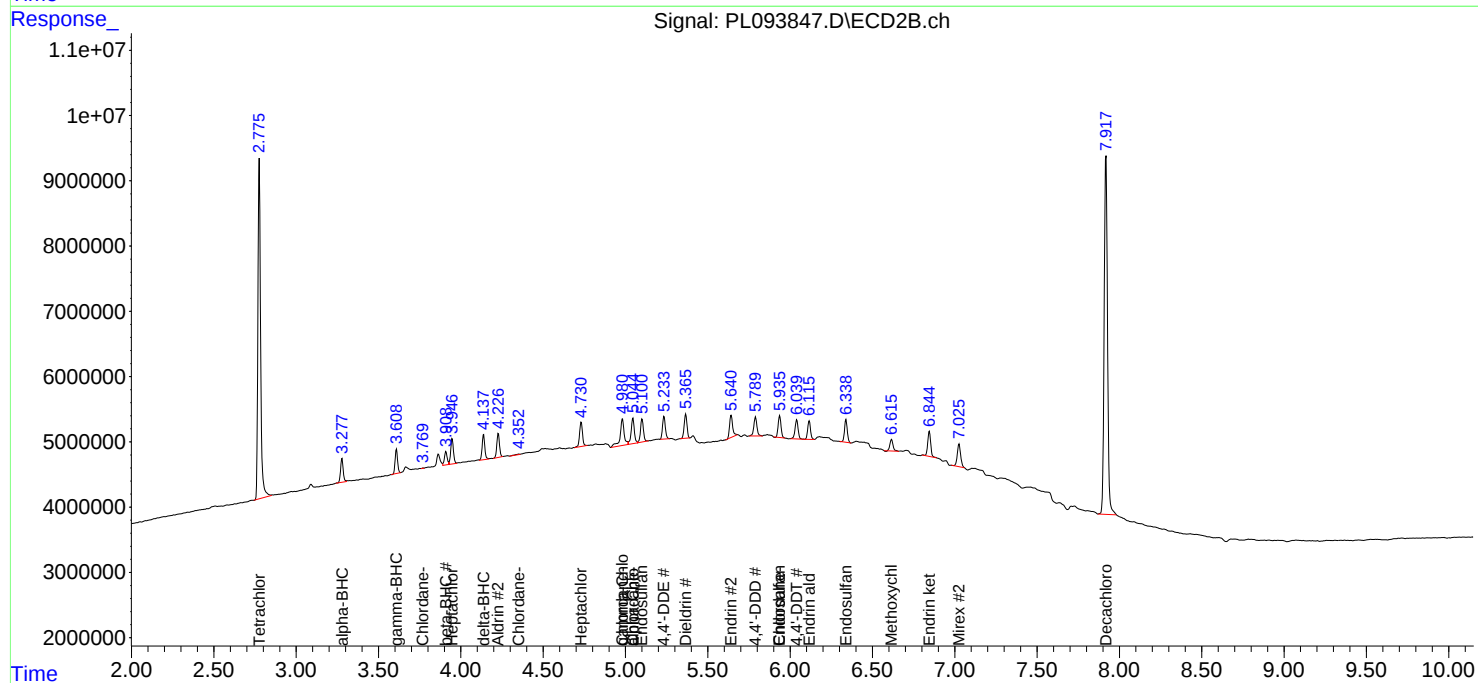
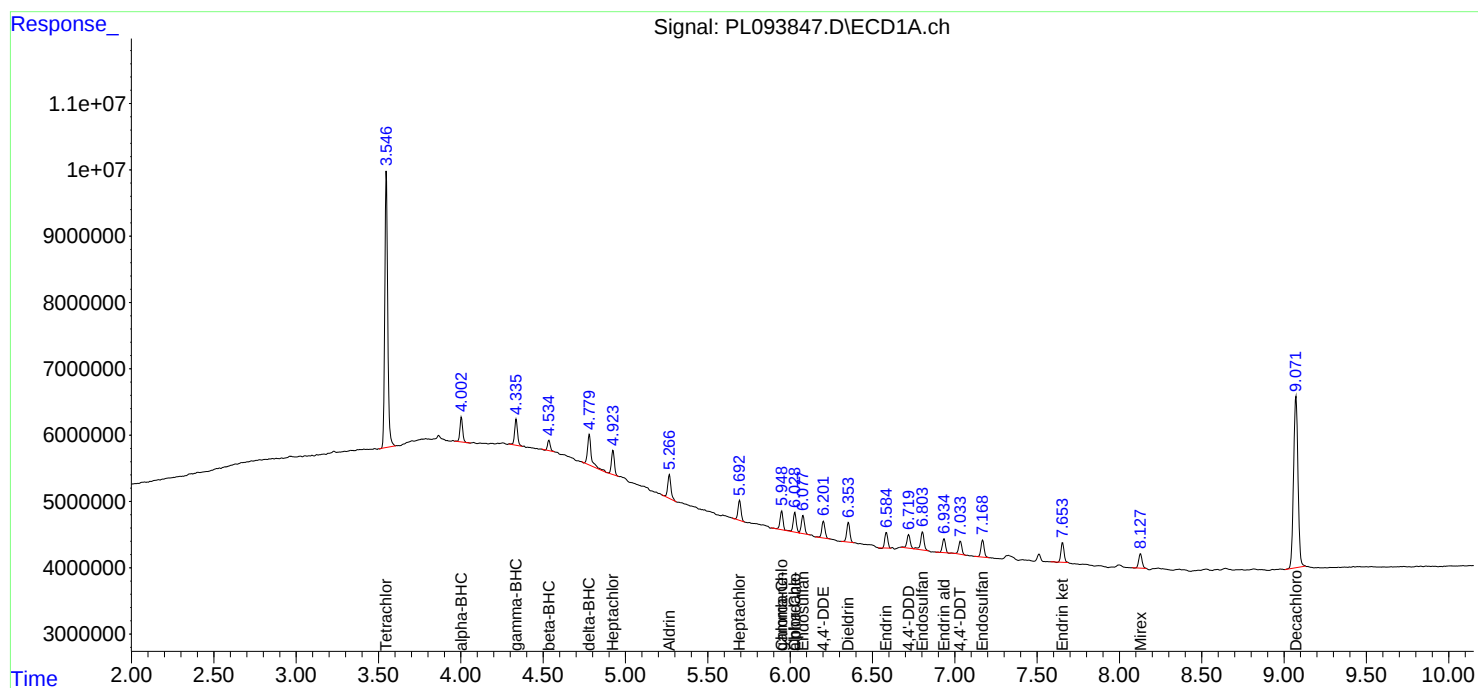
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

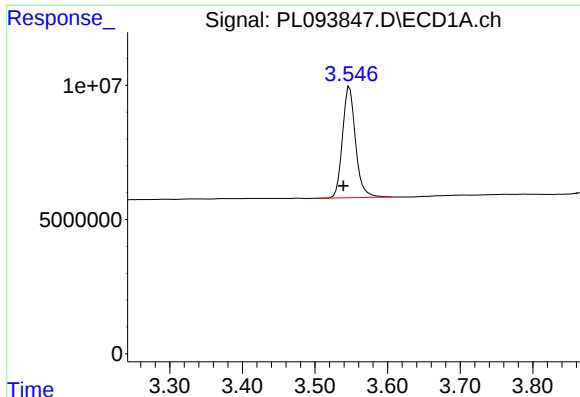
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
Data File : PL093847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 12:01
Operator : AR\AJ
Sample : Q1168-03
Misc : PEST MDL 1PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 00:23:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

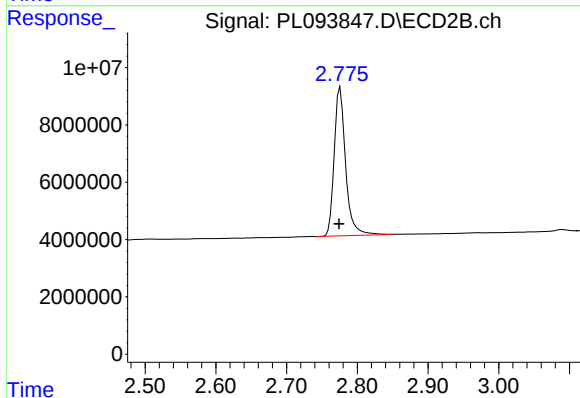




#1 Tetrachloro-m-xylene

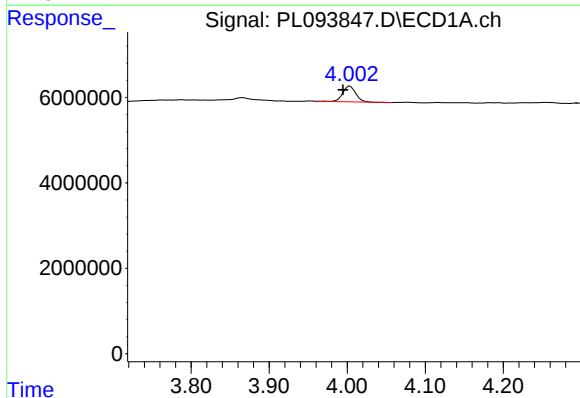
R.T.: 3.548 min
Delta R.T.: 0.009 min
Response: 51531207
Conc: 19.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



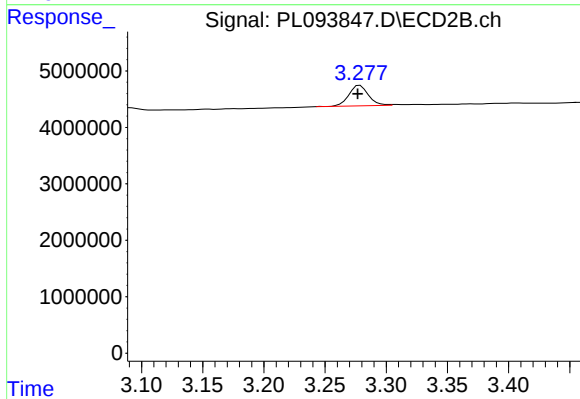
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 58265081
Conc: 17.85 ng/ml



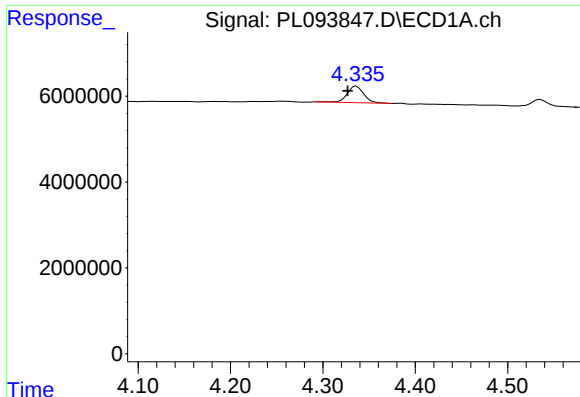
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.009 min
Response: 4338809
Conc: 1.13 ng/ml



#2 alpha-BHC

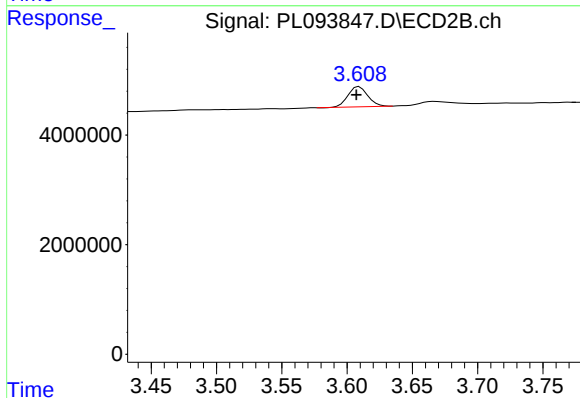
R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 4013321
Conc: 0.82 ng/ml



#3 gamma-BHC (Lindane)

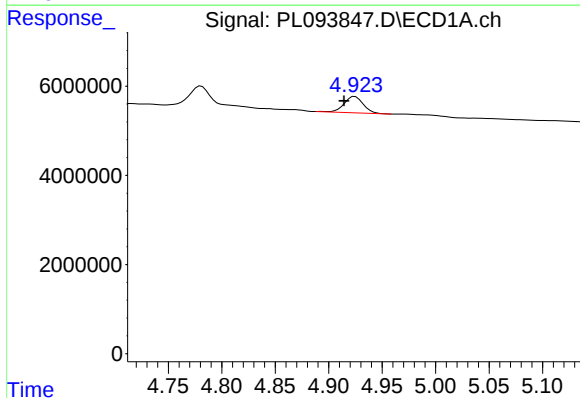
R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 4805430
Conc: 1.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



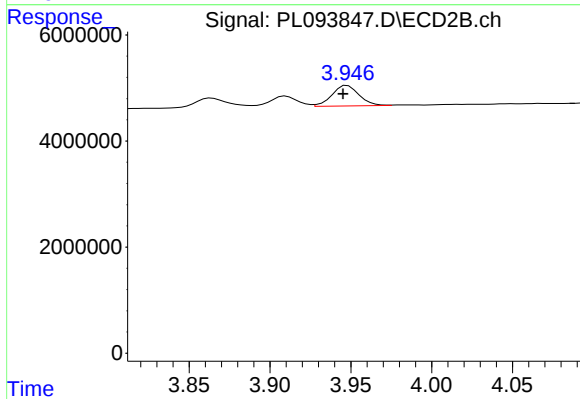
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 3847136
Conc: 0.81 ng/ml



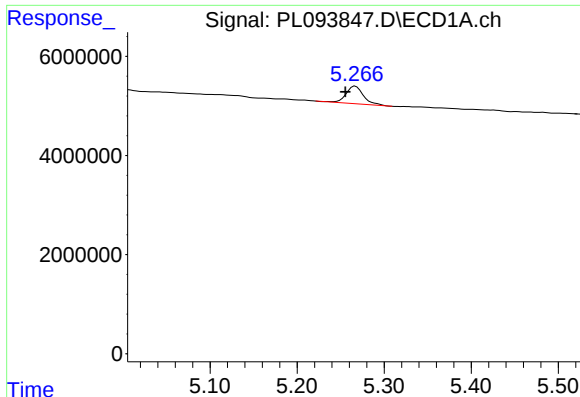
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.010 min
Response: 4469788
Conc: 1.36 ng/ml



#4 Heptachlor

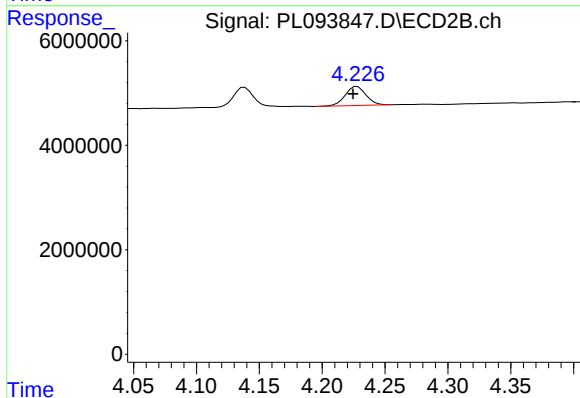
R.T.: 3.948 min
Delta R.T.: 0.003 min
Response: 4523005
Conc: 0.97 ng/ml



#5 Aldrin

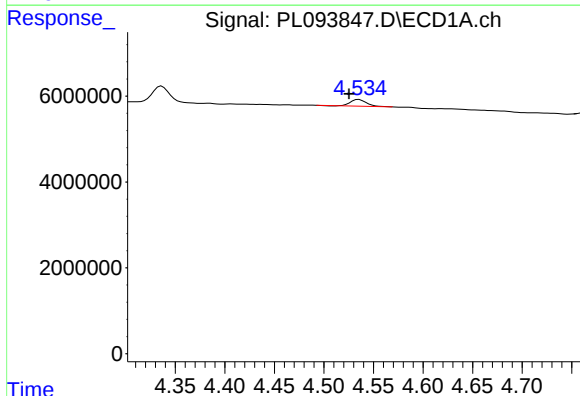
R.T.: 5.267 min
Delta R.T.: 0.011 min
Response: 4832102
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



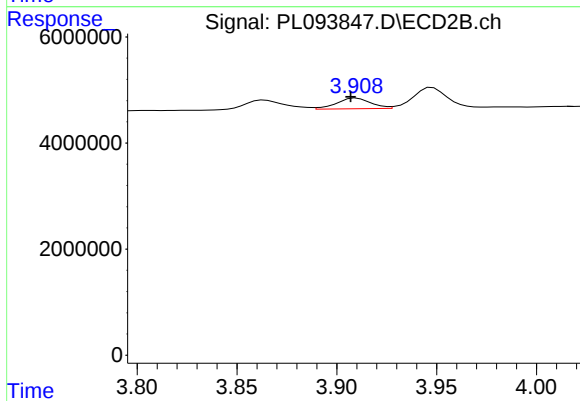
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.003 min
Response: 4177516
Conc: 0.92 ng/ml



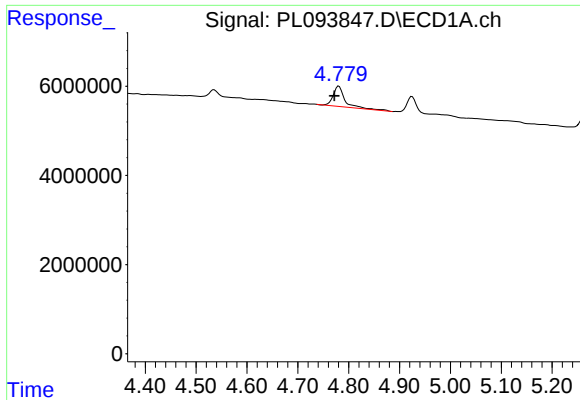
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.010 min
Response: 1683464
Conc: 1.05 ng/ml



#6 beta-BHC

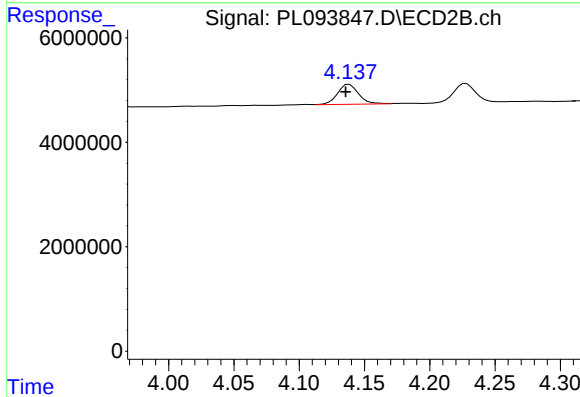
R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 2388306
Conc: 1.20 ng/ml



#7 delta-BHC

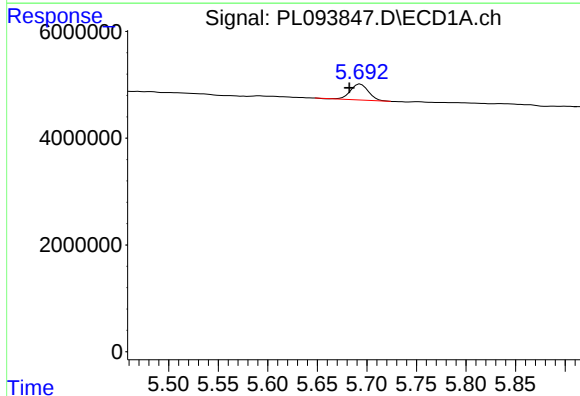
R.T.: 4.781 min
Delta R.T.: 0.009 min
Response: 7174140
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



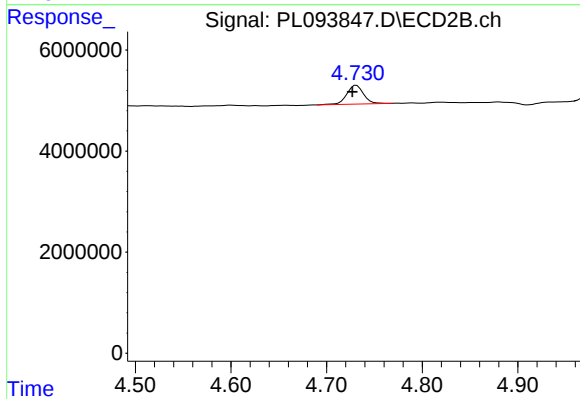
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.003 min
Response: 4328909
Conc: 0.91 ng/ml



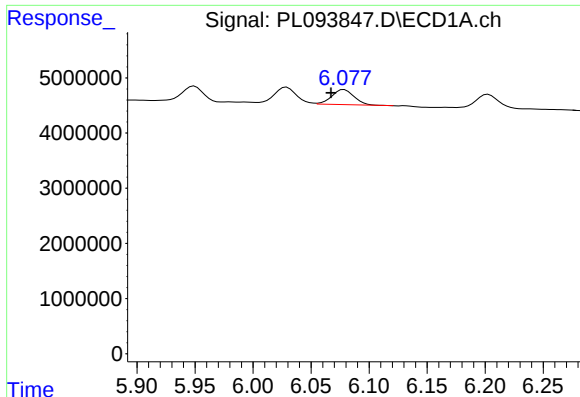
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.011 min
Response: 3733298
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

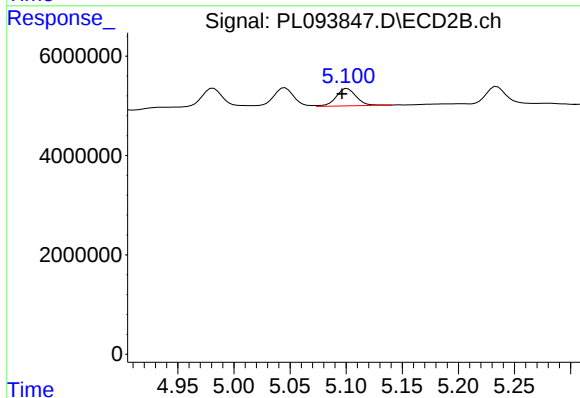
R.T.: 4.731 min
Delta R.T.: 0.004 min
Response: 4644908
Conc: 1.11 ng/ml



#9 Endosulfan I

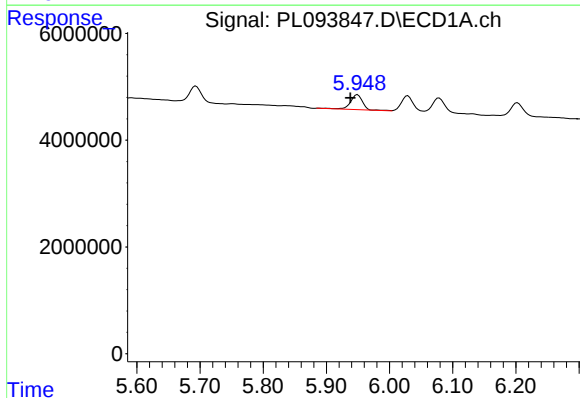
R.T.: 6.079 min
Delta R.T.: 0.011 min
Response: 3600059
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



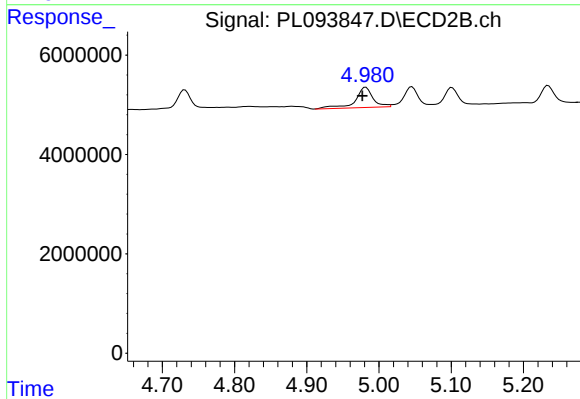
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.005 min
Response: 4439578
Conc: 1.15 ng/ml



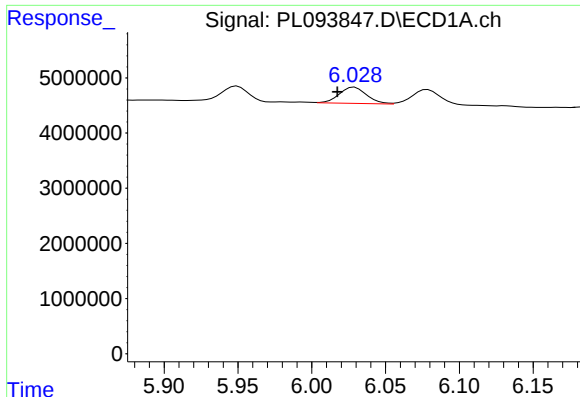
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.011 min
Response: 3753842
Conc: 1.35 ng/ml



#10 gamma-Chlordane

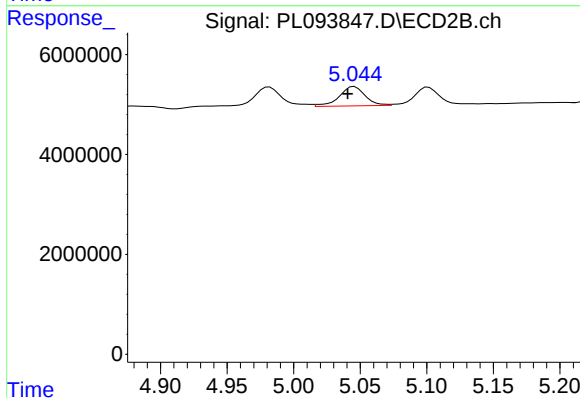
R.T.: 4.982 min
Delta R.T.: 0.005 min
Response: 6972090
Conc: 1.65 ng/ml



#11 alpha-Chlordane

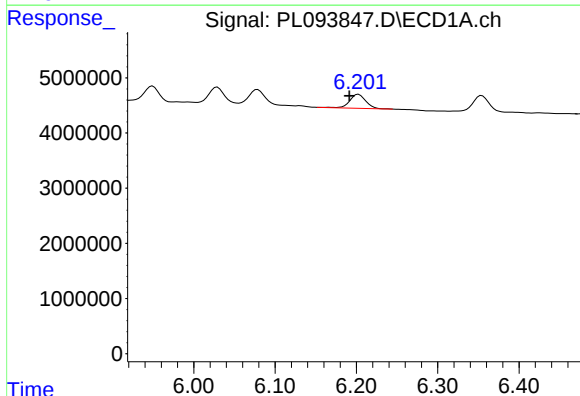
R.T.: 6.029 min
Delta R.T.: 0.012 min
Response: 3835574
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



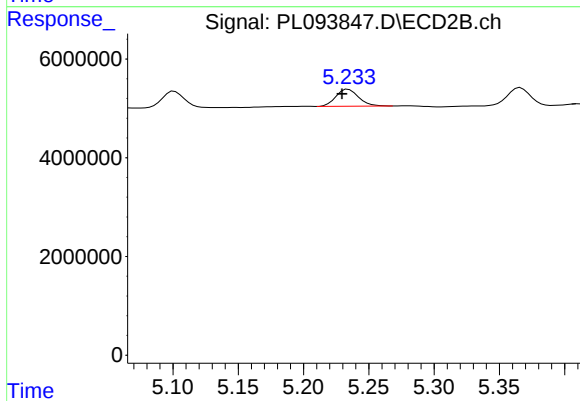
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.005 min
Response: 5264530
Conc: 1.26 ng/ml



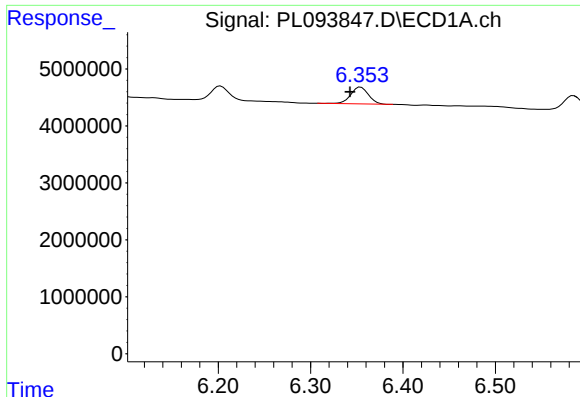
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.012 min
Response: 3402329
Conc: 1.40 ng/ml



#12 4,4'-DDE

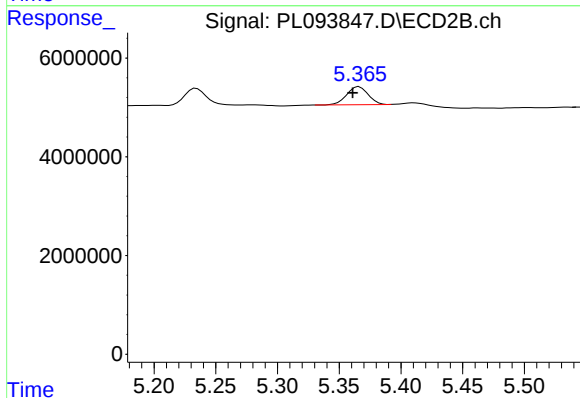
R.T.: 5.234 min
Delta R.T.: 0.005 min
Response: 4190219
Conc: 1.05 ng/ml



#13 Dieldrin

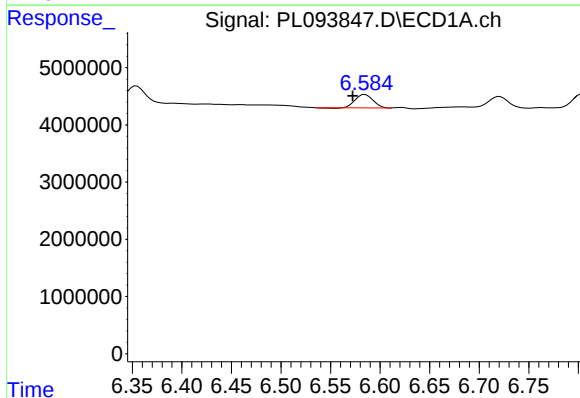
R.T.: 6.354 min
Delta R.T.: 0.012 min
Response: 3889139
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



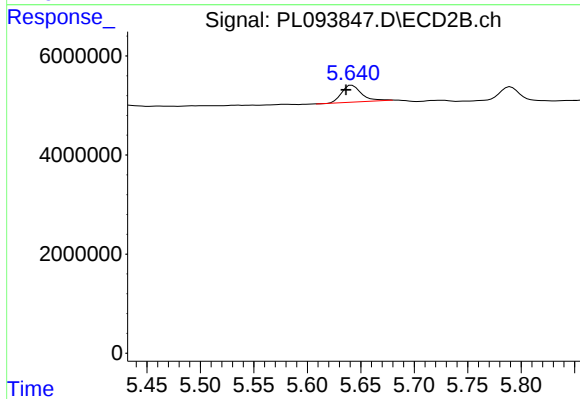
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.005 min
Response: 4400625
Conc: 1.02 ng/ml



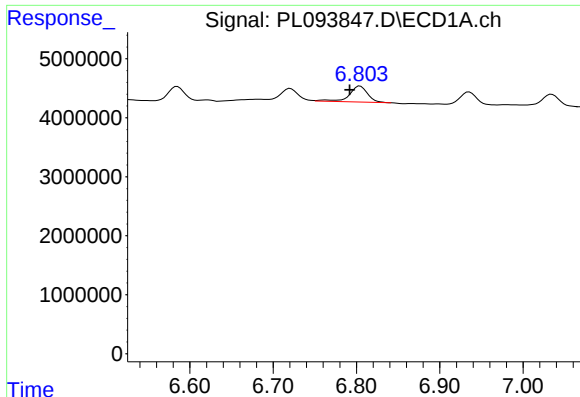
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.012 min
Response: 2862260
Conc: 1.22 ng/ml



#14 Endrin

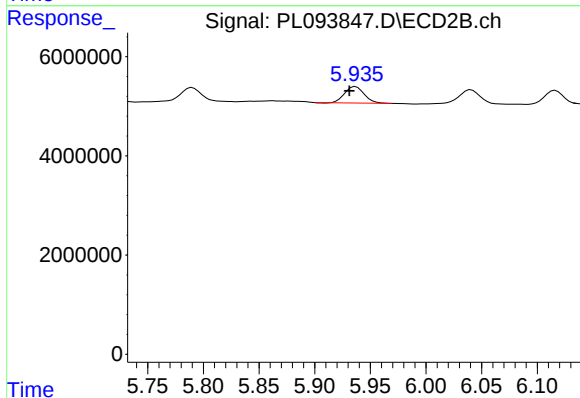
R.T.: 5.642 min
Delta R.T.: 0.006 min
Response: 4469799
Conc: 1.21 ng/ml



#15 Endosulfan II

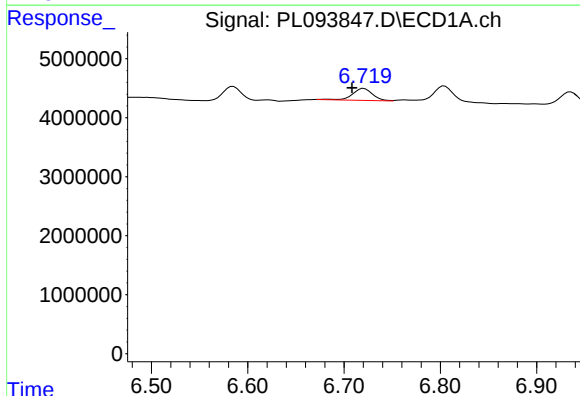
R.T.: 6.804 min
Delta R.T.: 0.012 min
Response: 4097520
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



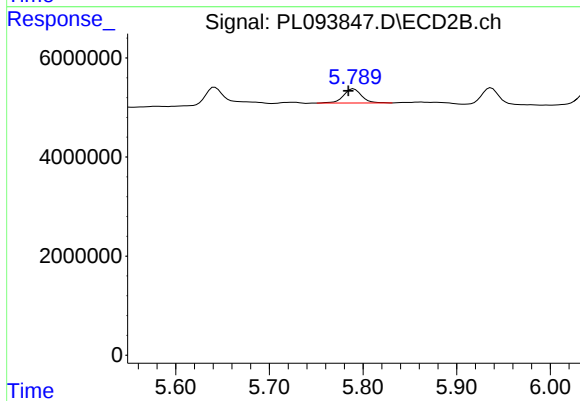
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.006 min
Response: 4028580
Conc: 1.09 ng/ml



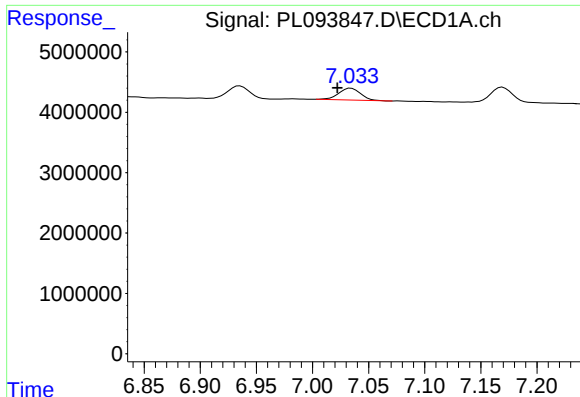
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.012 min
Response: 2915698
Conc: 1.53 ng/ml



#16 4,4'-DDD

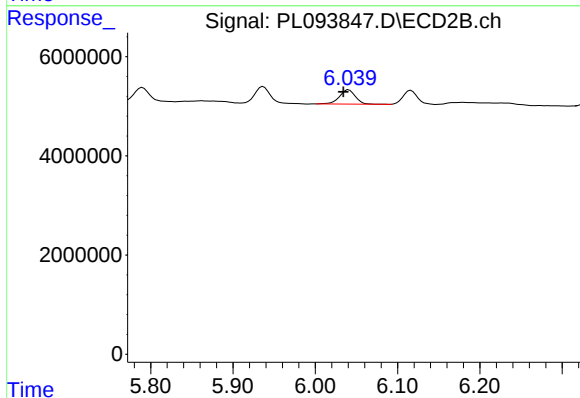
R.T.: 5.790 min
Delta R.T.: 0.006 min
Response: 3856199
Conc: 1.22 ng/ml



#17 4,4'-DDT

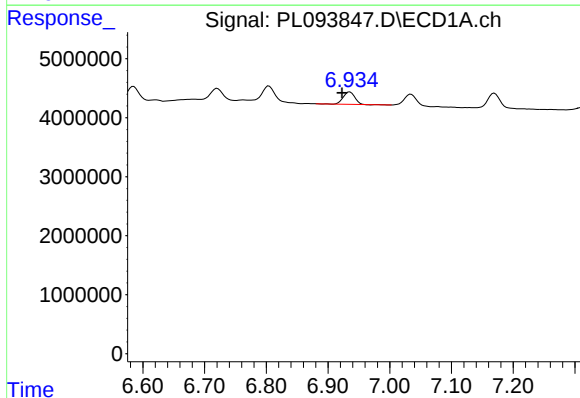
R.T.: 7.034 min
Delta R.T.: 0.012 min
Response: 2629662
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



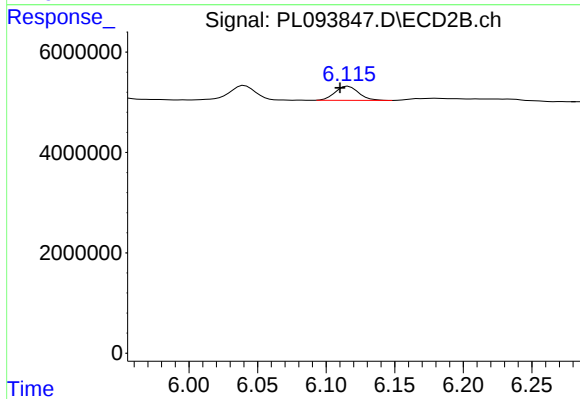
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.006 min
Response: 3876534
Conc: 1.19 ng/ml



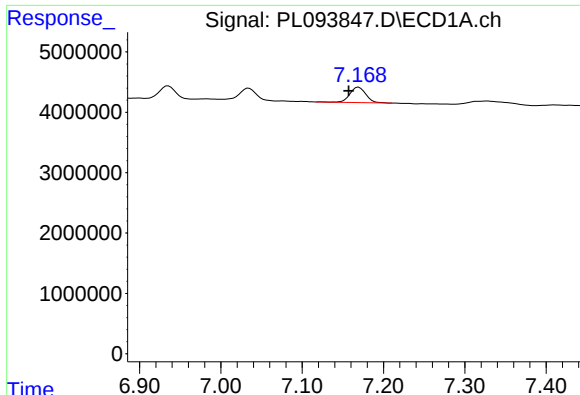
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.013 min
Response: 2762864
Conc: 1.42 ng/ml



#18 Endrin aldehyde

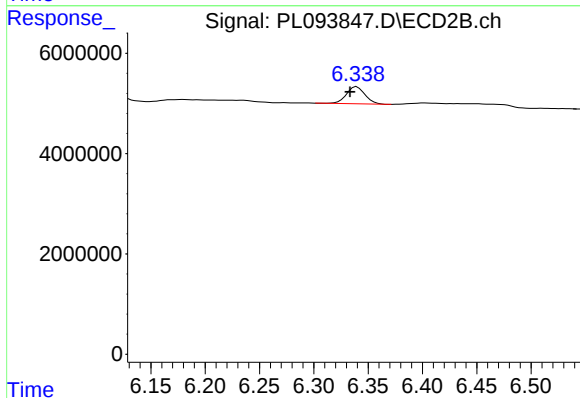
R.T.: 6.116 min
Delta R.T.: 0.006 min
Response: 3398970
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

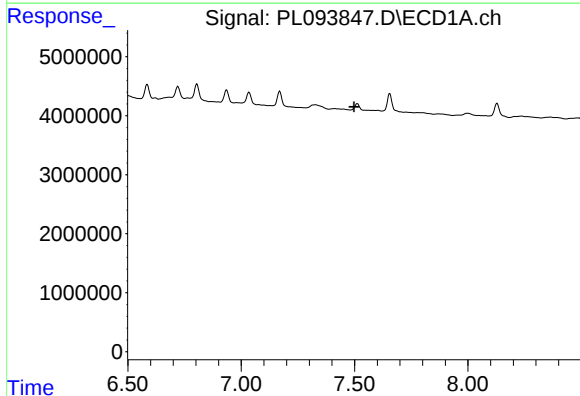
R.T.: 7.170 min
Delta R.T.: 0.012 min
Response: 3483555
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



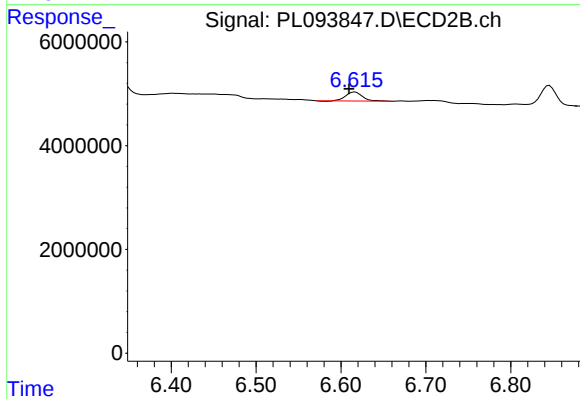
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.006 min
Response: 4070100
Conc: 1.14 ng/ml



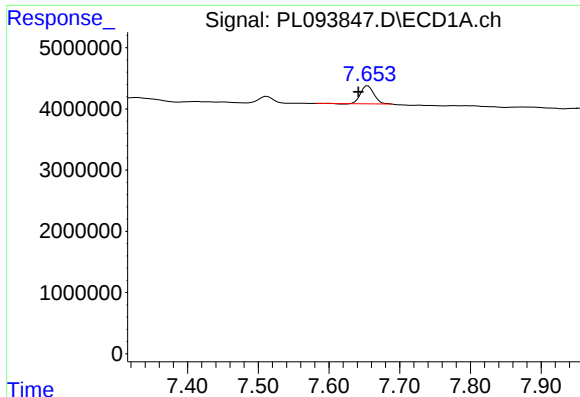
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.498 min
Response: 0
Conc: N.D.



#20 Methoxychlor

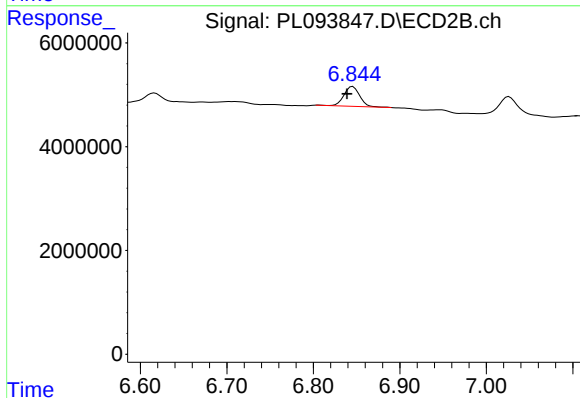
R.T.: 6.616 min
Delta R.T.: 0.007 min
Response: 2344319
Conc: 1.31 ng/ml



#21 Endrin ketone

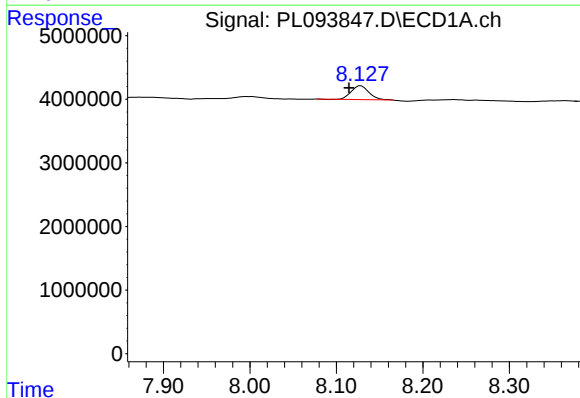
R.T.: 7.655 min
Delta R.T.: 0.013 min
Response: 3869354
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



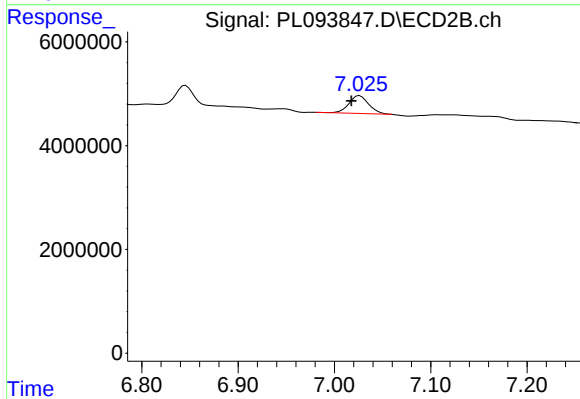
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.007 min
Response: 4792813
Conc: 1.14 ng/ml



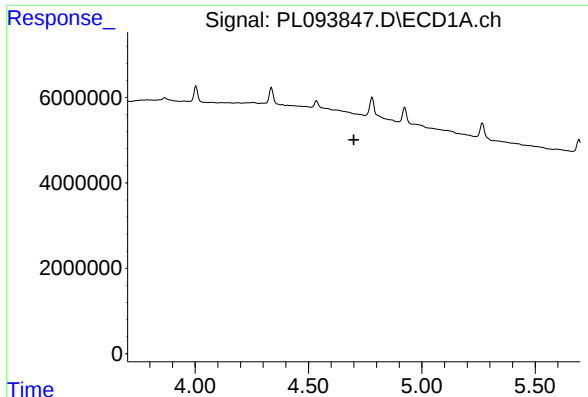
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.014 min
Response: 3053003
Conc: 1.47 ng/ml



#22 Mirex

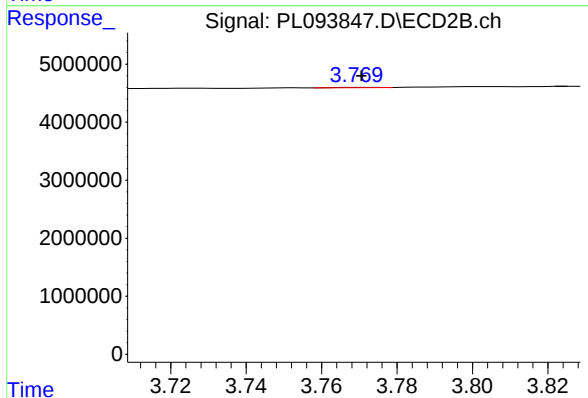
R.T.: 7.026 min
Delta R.T.: 0.009 min
Response: 4895083
Conc: 1.45 ng/ml



#23 Chlordane-1

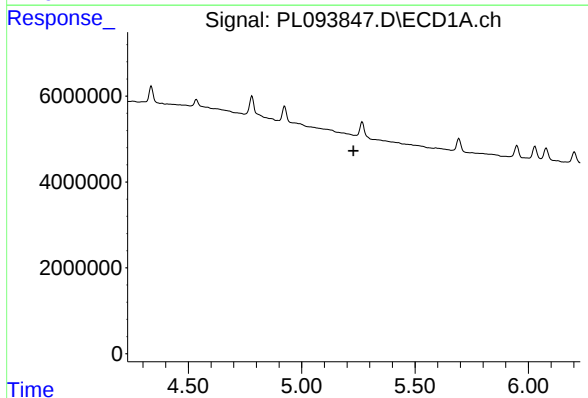
R.T.: 0.000 min
Exp R.T.: 4.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



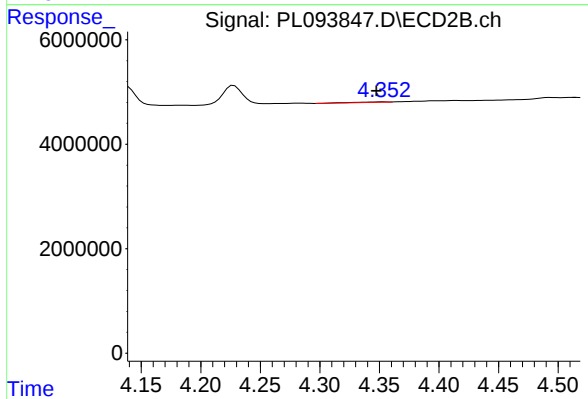
#23 Chlordane-1

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 34912
Conc: 0.28 ng/ml



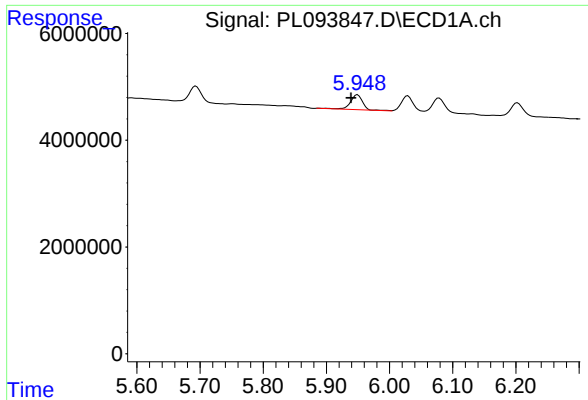
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.229 min
Response: 0
Conc: N.D.



#24 Chlordane-2

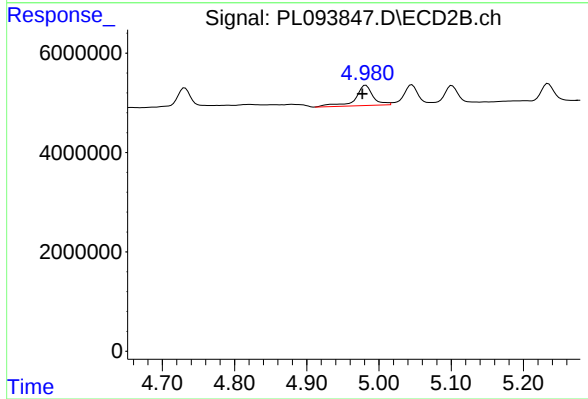
R.T.: 4.353 min
Delta R.T.: 0.006 min
Response: 157199
Conc: 1.07 ng/ml



#25 Chlordane-3

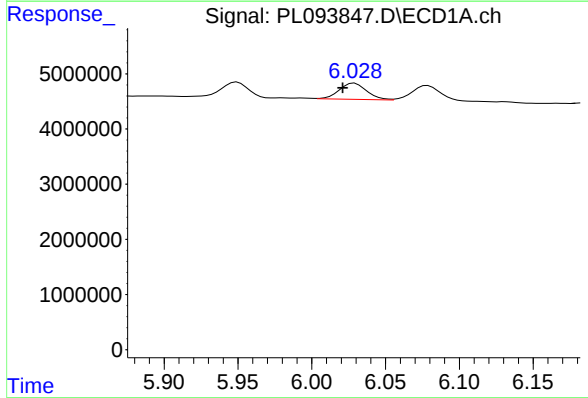
R.T.: 5.949 min
Delta R.T.: 0.010 min
Response: 3753842
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



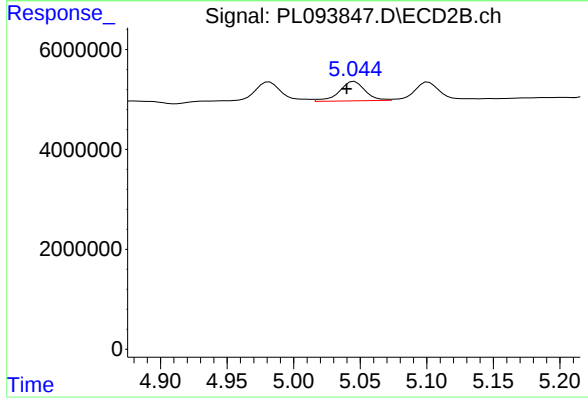
#25 Chlordane-3

R.T.: 4.982 min
Delta R.T.: 0.005 min
Response: 6972090
Conc: 16.03 ng/ml



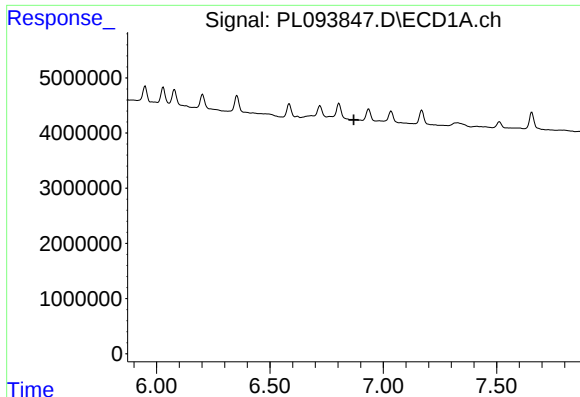
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 3835574
Conc: 8.16 ng/ml



#26 Chlordane-4

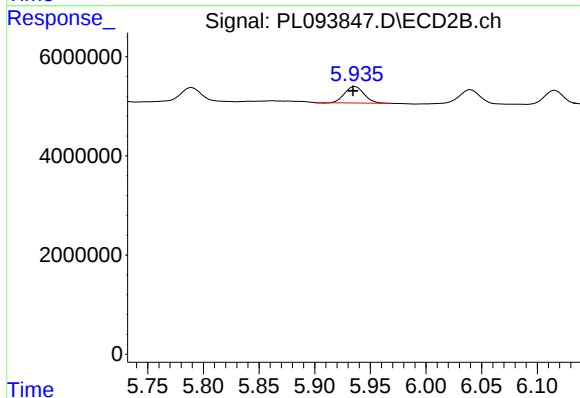
R.T.: 5.046 min
Delta R.T.: 0.006 min
Response: 5264530
Conc: 12.43 ng/ml



#27 Chlordane-5

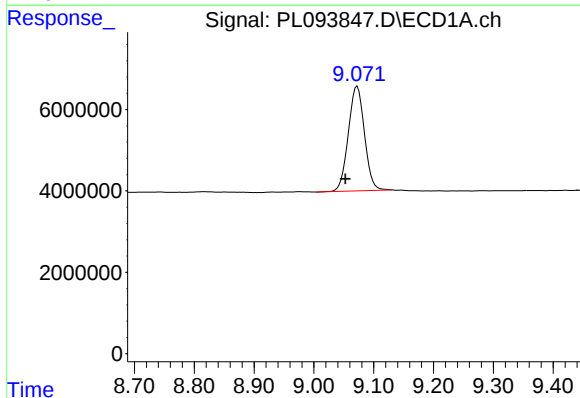
R.T.: 0.000 min
Exp R.T.: 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2025



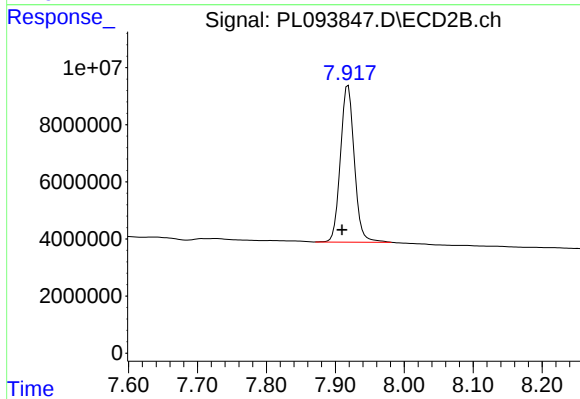
#27 Chlordane-5

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 4028580
Conc: 26.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.020 min
Response: 48307022
Conc: 23.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.009 min
Response: 76900547
Conc: 21.95 ng/ml