

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
 Data File : PL055983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2020 10:36
 Operator : AJ\MA
 Sample : L1161-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 16:56:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.489	3.966	194.8E6	58896597	20.320	20.839
28)	SA Decachlor...	8.232	8.951	216.2E6	49268638	20.682	21.506
Target Compounds							
2)	A alpha-BHC	3.925	4.348	17657721	3795897	1.064	0.895
3)	MA gamma-BHC...	4.209	4.628	12276533	4045990	0.809	1.020 #
4)	MA Heptachlor	4.510	5.127	14500080	3765725	0.971	1.114
5)	MB Aldrin	4.758	5.428	13171457	3735176	0.900	1.090
6)	B beta-BHC	4.458	4.797	9293919	2178395	1.448	1.373
7)	B delta-BHC	4.663	5.011	10640882	-262184	0.726	N.D. #
8)	B Heptachlo...	5.200	5.807	13221898	2967927	0.959	0.993
9)	A Endosulfan I	5.539	6.161	13733997	3286296	1.059	1.129
10)	B gamma-Chl...	5.426	6.040	18259523	3659652	1.302	1.187
11)	B alpha-Chl...	5.484	6.111	14740336	3591101	1.066	1.163
12)	B 4,4'-DDE	5.648	6.266	12444816	3039494	0.953	1.038
13)	MA Dieldrin	5.781	6.415	16975804	3305341	1.227	1.094
14)	MA Endrin	6.038	6.631	12100916	2323396	0.958	0.917
15)	B Endosulfa...	6.309	6.838	8238048	3336427	0.738	1.244 #
16)	A 4,4'-DDD	6.162	6.752	10900716	2252306	1.095	0.977
17)	MA 4,4'-DDT	6.402	7.046	5851245	2054579	0.578	0.910 #
18)	B Endrin al...	6.477	6.961	9924123	2685678	0.955	1.190
19)	B Endosulfa...	6.692	7.182	11219492	2783233	1.037	1.124
20)	A Methoxychlor	6.945	0.000	4375779	0	0.839	N.D. #
21)	B Endrin ke...	7.181	7.647	11088697	3434621	0.881	1.301 #
22)	Mirex	0.000	8.097	0	1621157	N.D.	0.888 #
23)	Chlordane-1	4.330f	0.000	8767625	0	23.913	N.D. #
24)	Chlordane-2	0.000	5.428f	0	3735176	N.D.	33.880 #
25)	Chlordane-3	5.426	6.040	18259523	3659652	14.663	9.220 #
26)	Chlordane-4	5.484	6.111	14740336	3591101	14.295	7.650 #
27)	Chlordane-5	6.309	0.000	8238048	0	21.063	N.D. #

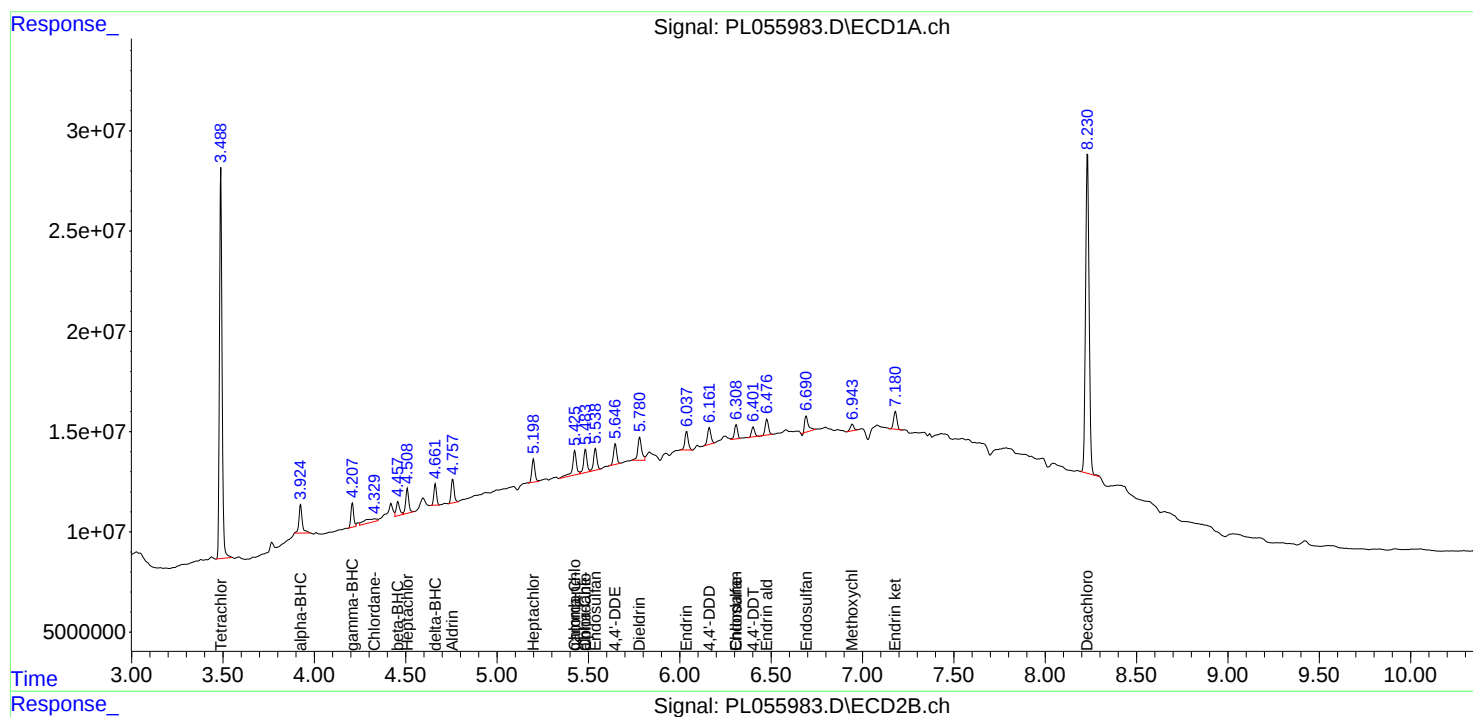
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

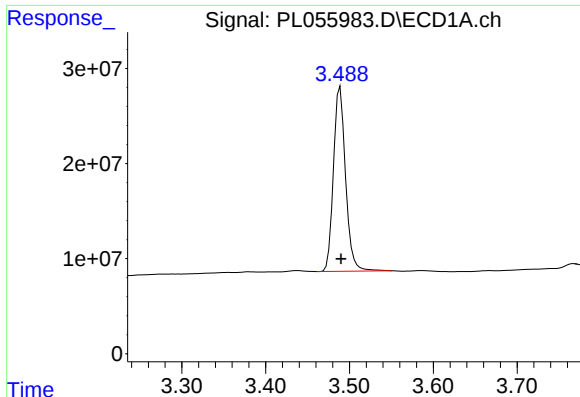
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
Data File : PL055983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2020 10:36
Operator : AJ\MA
Sample : L1161-03
Misc : PEST MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 16:56:03 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
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

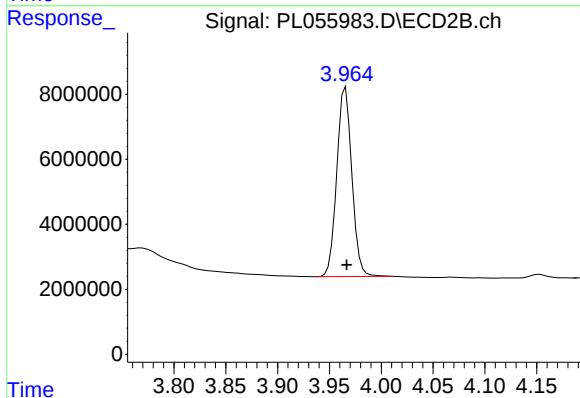




#1 Tetrachloro-m-xylene

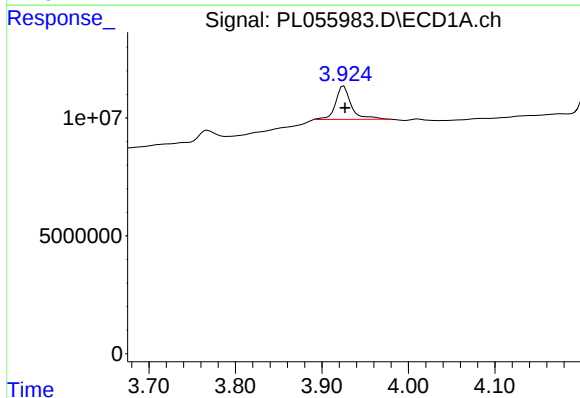
R.T.: 3.489 min
Delta R.T.: -0.001 min
Response: 194754656
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



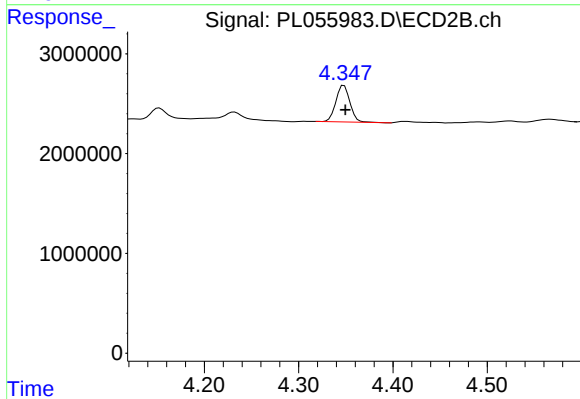
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: -0.001 min
Response: 58896597
Conc: 20.84 ng/ml



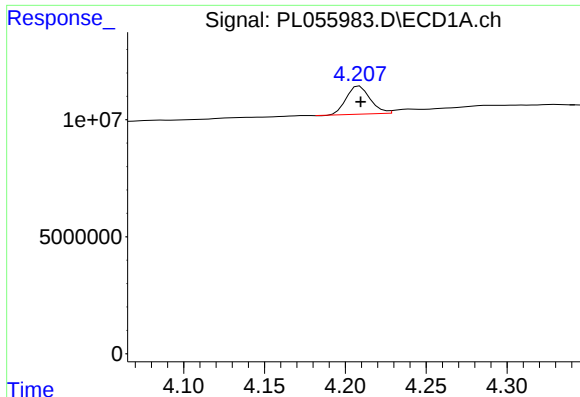
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: -0.001 min
Response: 17657721
Conc: 1.06 ng/ml



#2 alpha-BHC

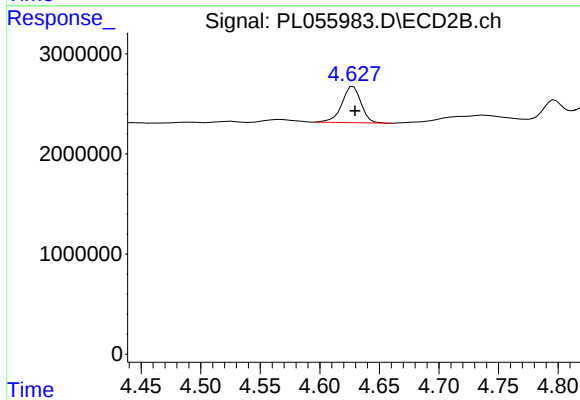
R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 3795897
Conc: 0.90 ng/ml



#3 gamma-BHC (Lindane)

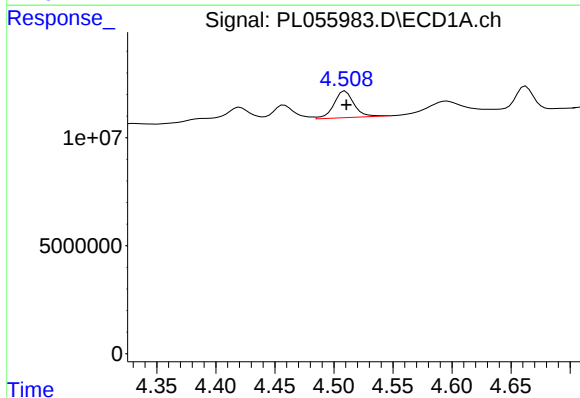
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 12276533
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



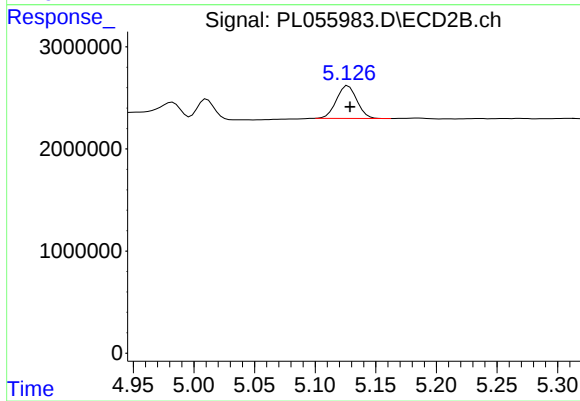
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 4045990
Conc: 1.02 ng/ml



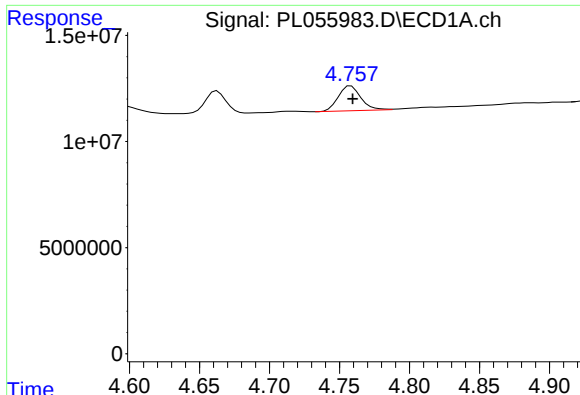
#4 Heptachlor

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 14500080
Conc: 0.97 ng/ml



#4 Heptachlor

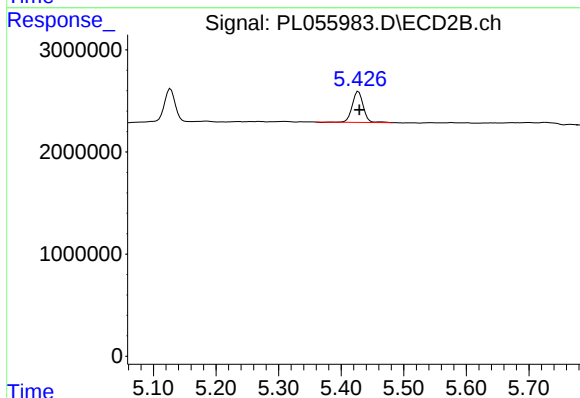
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 3765725
Conc: 1.11 ng/ml



#5 Aldrin

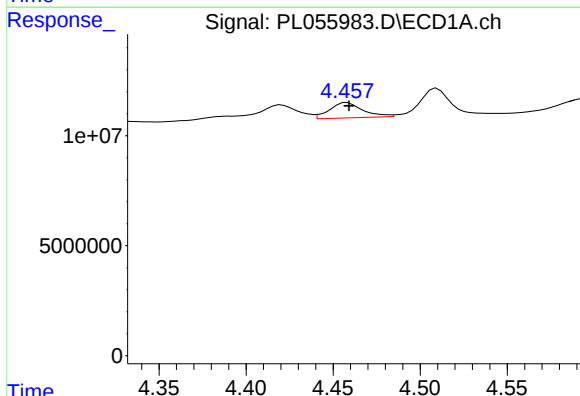
R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 13171457
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



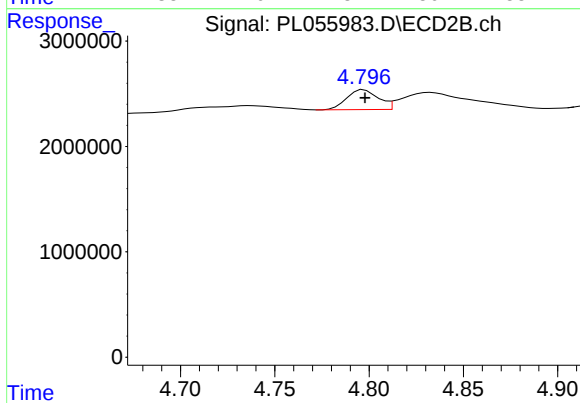
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 3735176
Conc: 1.09 ng/ml



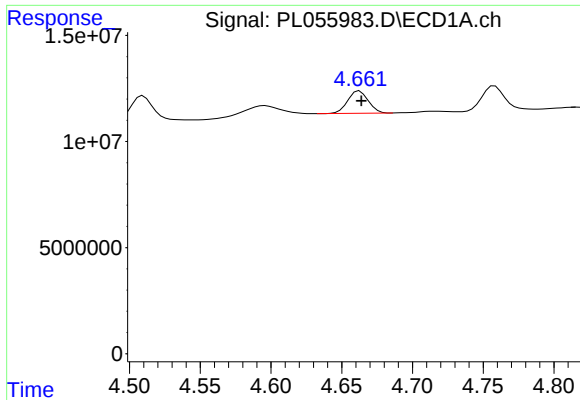
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 9293919
Conc: 1.45 ng/ml



#6 beta-BHC

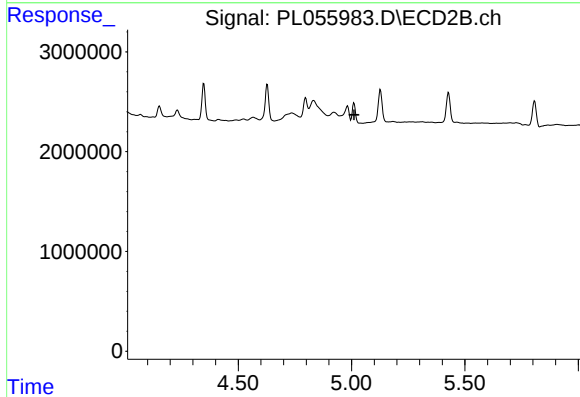
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 2178395
Conc: 1.37 ng/ml



#7 delta-BHC

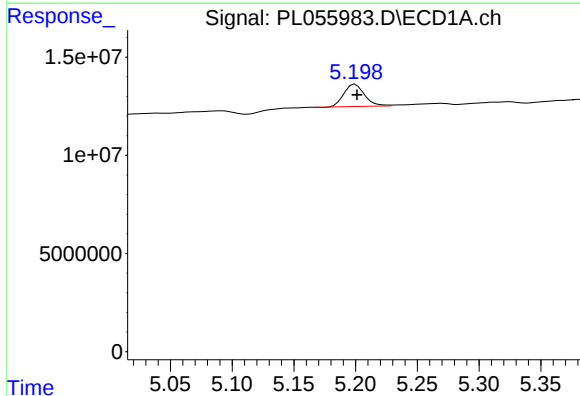
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 10640882
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



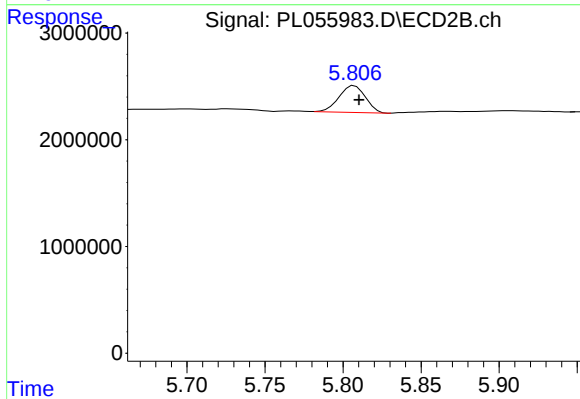
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: -262184
Conc: N.D.



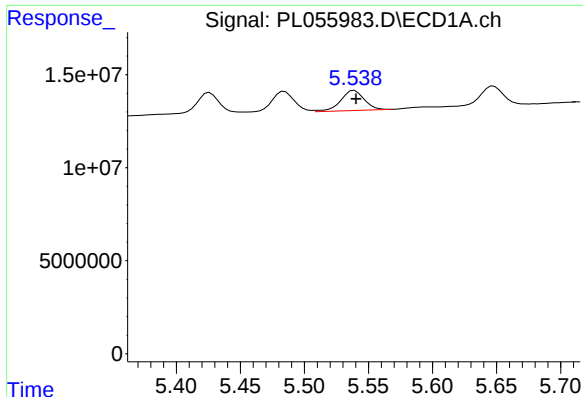
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 13221898
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

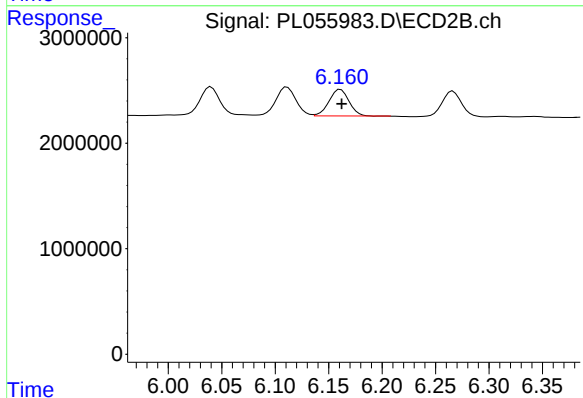
R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 2967927
Conc: 0.99 ng/ml



#9 Endosulfan I

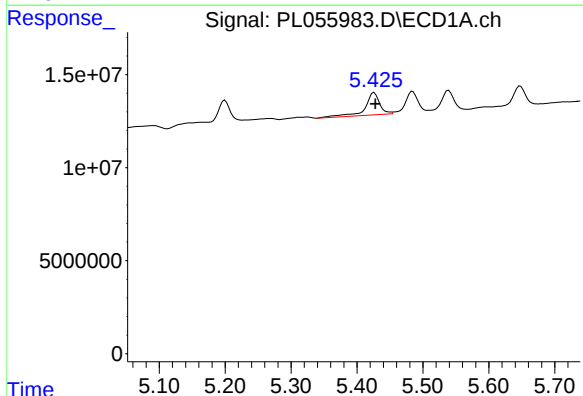
R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 13733997
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



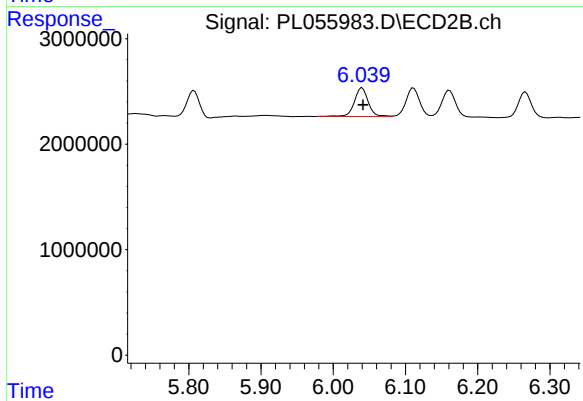
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 3286296
Conc: 1.13 ng/ml



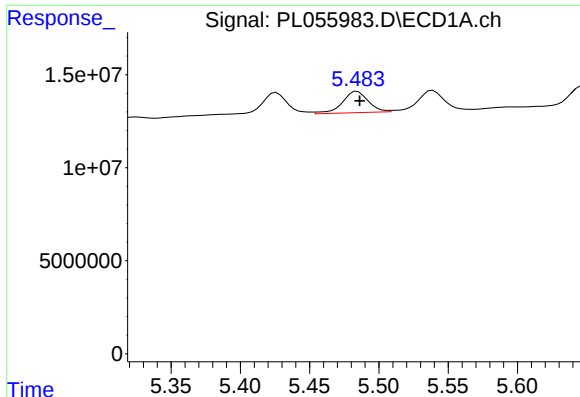
#10 gamma-Chlordane

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 18259523
Conc: 1.30 ng/ml



#10 gamma-Chlordane

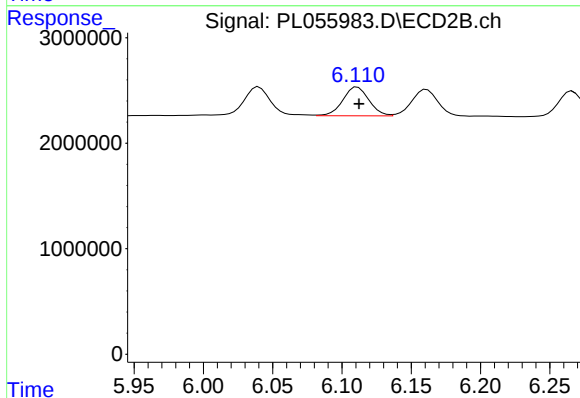
R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 3659652
Conc: 1.19 ng/ml



#11 alpha-Chlordane

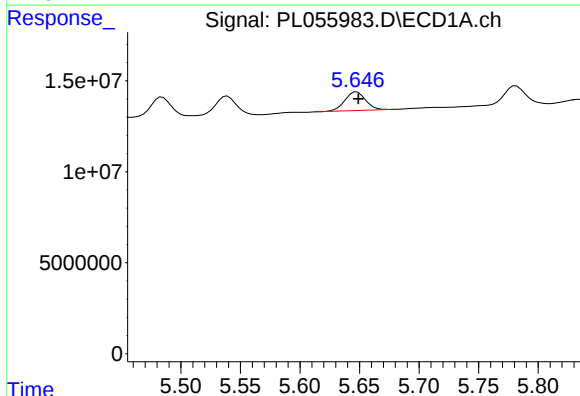
R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 14740336
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



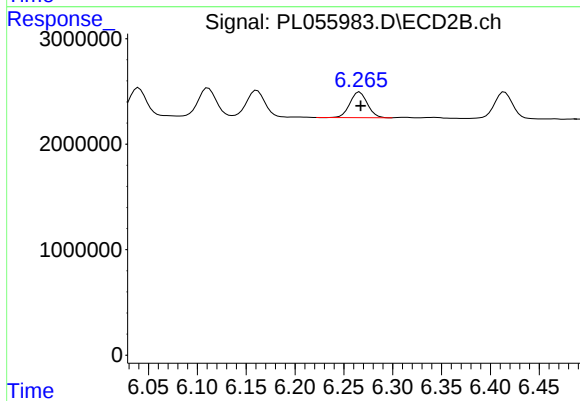
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 3591101
Conc: 1.16 ng/ml



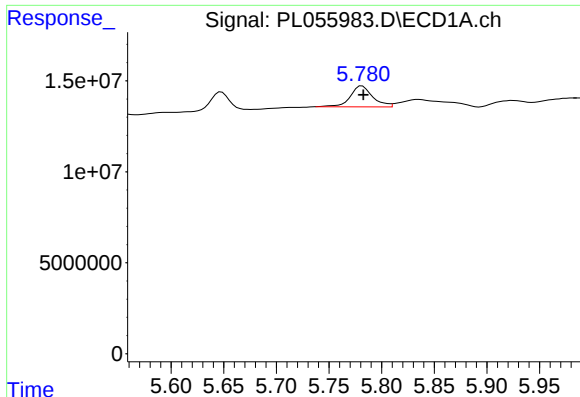
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 12444816
Conc: 0.95 ng/ml



#12 4,4'-DDE

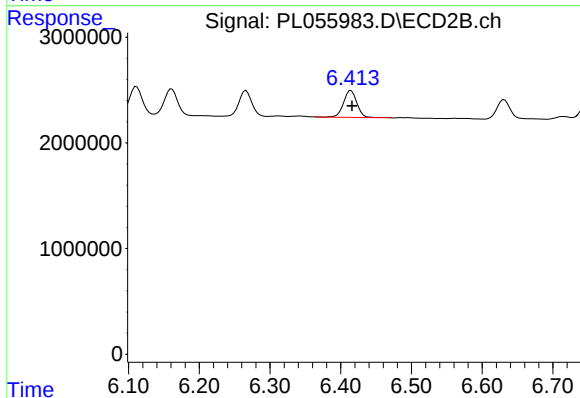
R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 3039494
Conc: 1.04 ng/ml



#13 Dieldrin

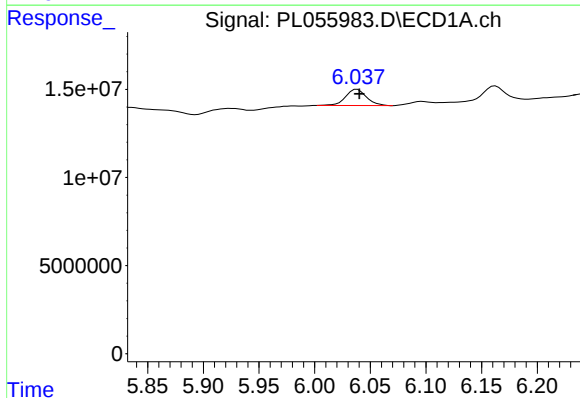
R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 16975804
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



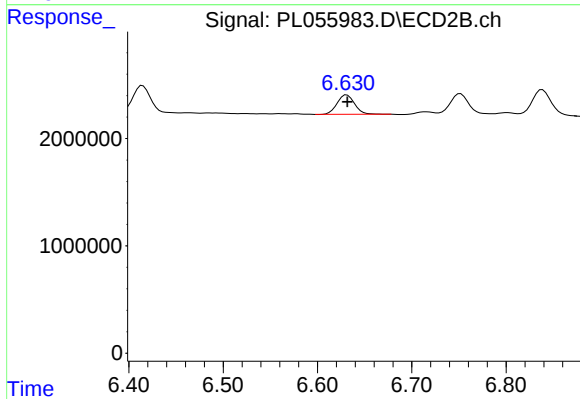
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 3305341
Conc: 1.09 ng/ml



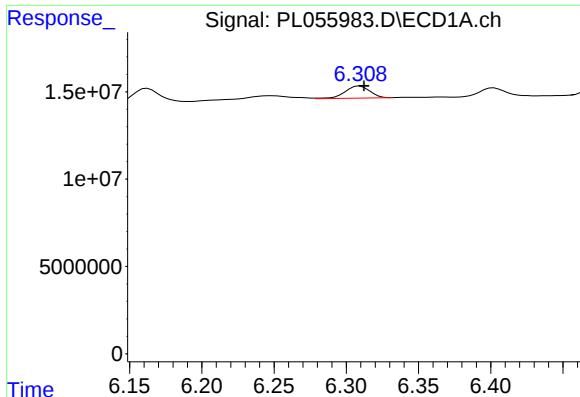
#14 Endrin

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 12100916
Conc: 0.96 ng/ml



#14 Endrin

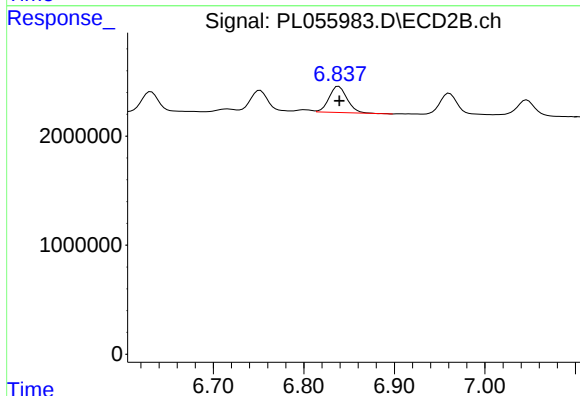
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2323396
Conc: 0.92 ng/ml



#15 Endosulfan II

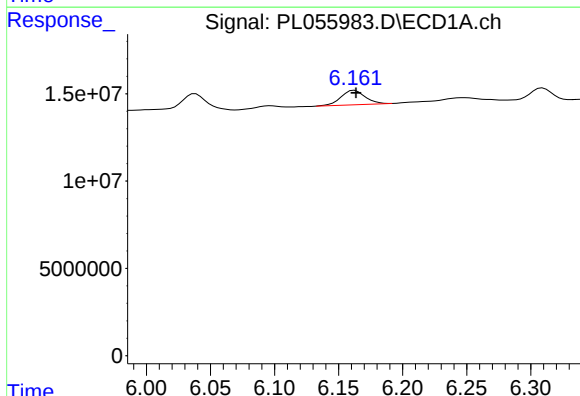
R.T.: 6.309 min
Delta R.T.: -0.003 min
Response: 8238048
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



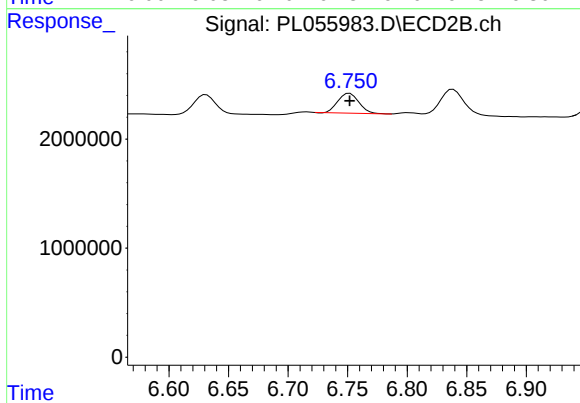
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 3336427
Conc: 1.24 ng/ml



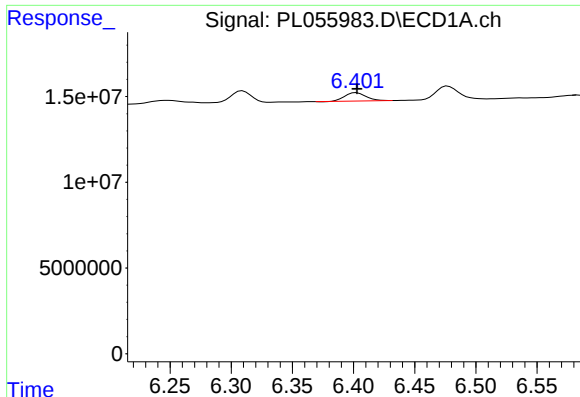
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 10900716
Conc: 1.09 ng/ml



#16 4,4'-DDD

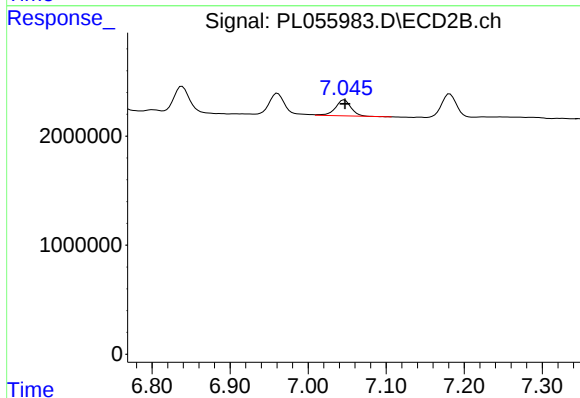
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2252306
Conc: 0.98 ng/ml



#17 4,4'-DDT

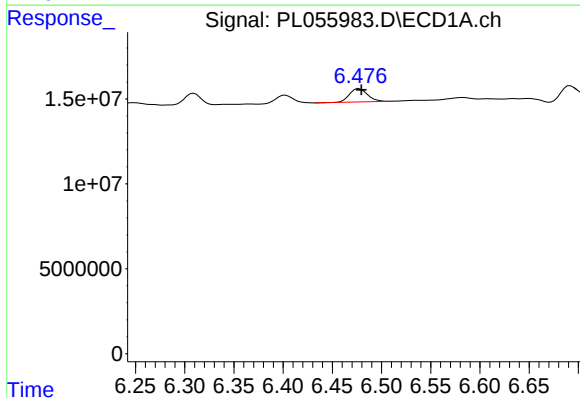
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 5851245
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



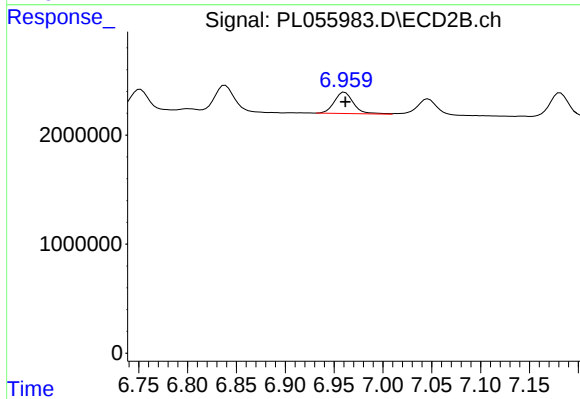
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.001 min
Response: 2054579
Conc: 0.91 ng/ml



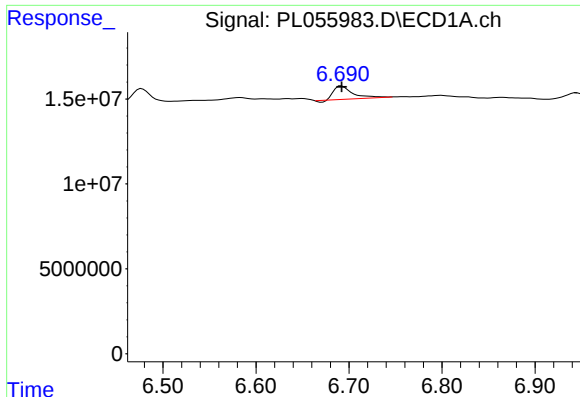
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 9924123
Conc: 0.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 2685678
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

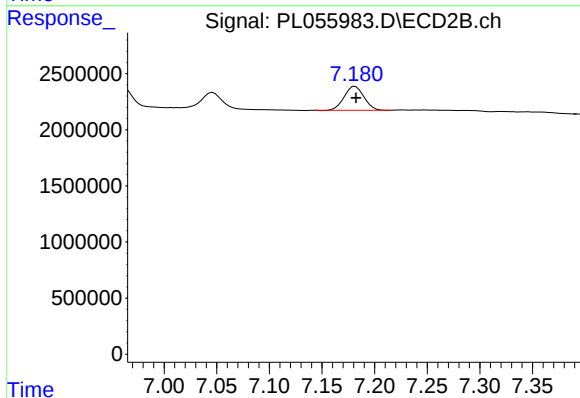
R.T.: 6.692 min

Delta R.T.: 0.000 min

Response: 11219492

Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



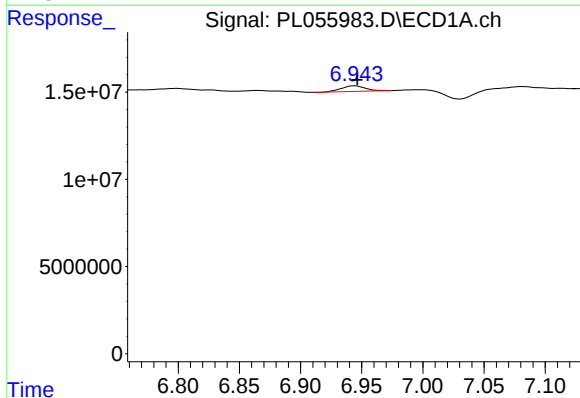
#19 Endosulfan Sulfate

R.T.: 7.182 min

Delta R.T.: 0.000 min

Response: 2783233

Conc: 1.12 ng/ml



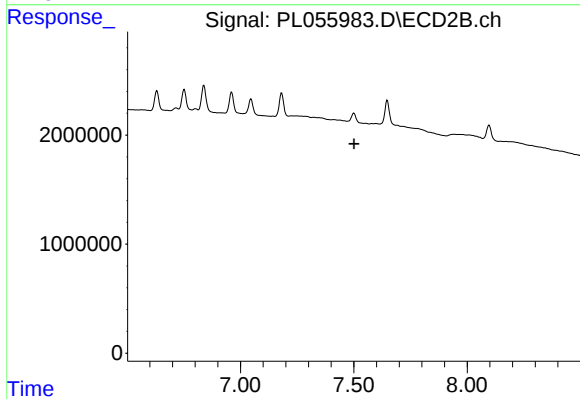
#20 Methoxychlor

R.T.: 6.945 min

Delta R.T.: -0.002 min

Response: 4375779

Conc: 0.84 ng/ml



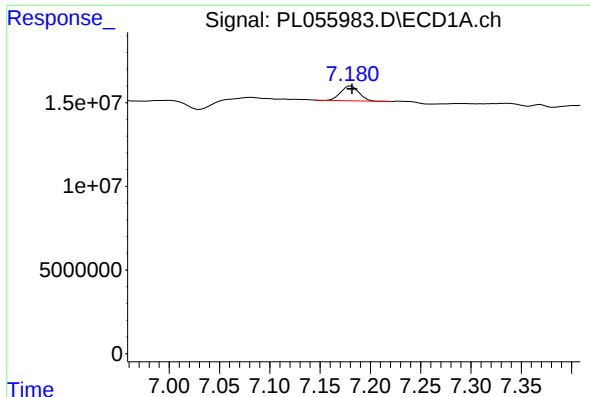
#20 Methoxychlor

R.T.: 0.000 min

Exp R.T.: 7.501 min

Response: 0

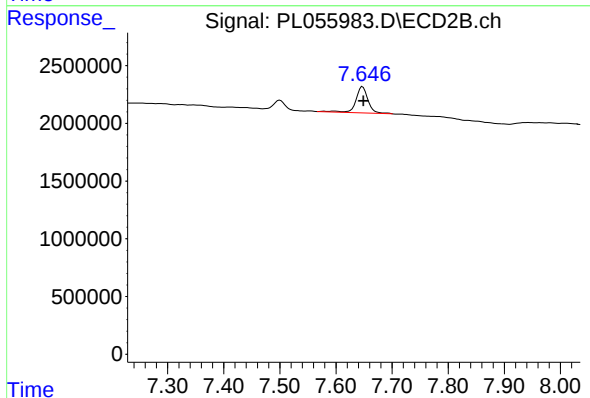
Conc: N.D.



#21 Endrin ketone

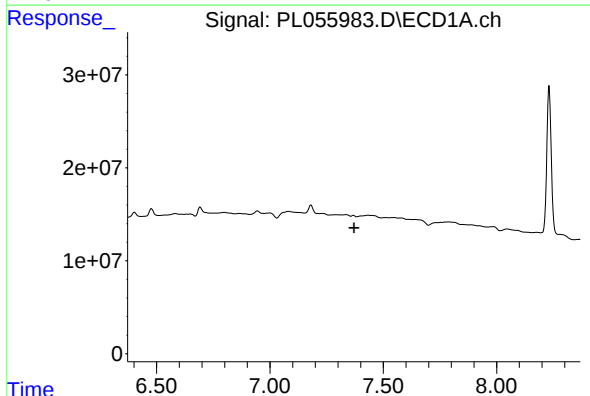
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 11088697
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



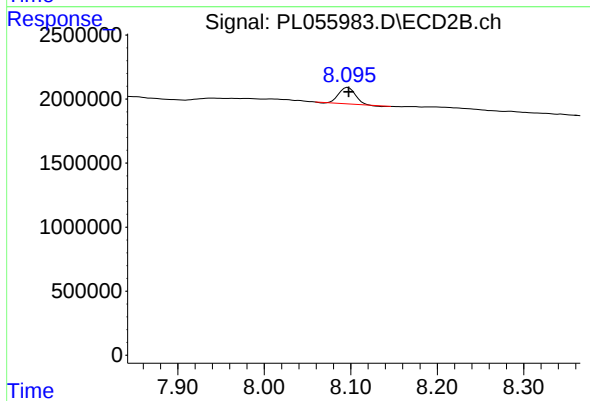
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.001 min
Response: 3434621
Conc: 1.30 ng/ml



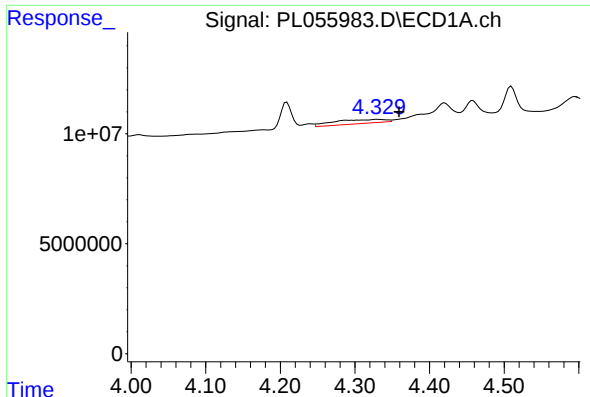
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.371 min
Response: 0
Conc: N.D.



#22 Mirex

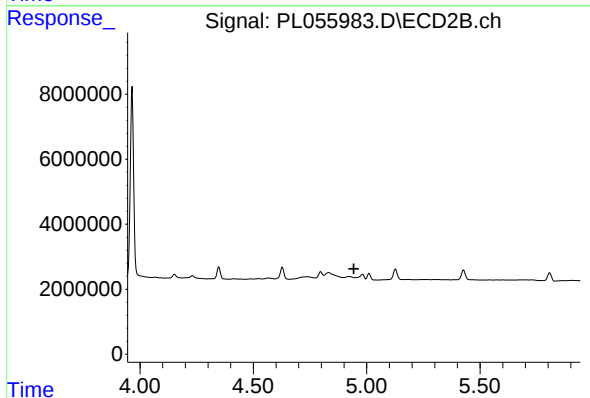
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 1621157
Conc: 0.89 ng/ml



#23 Chlordane-1

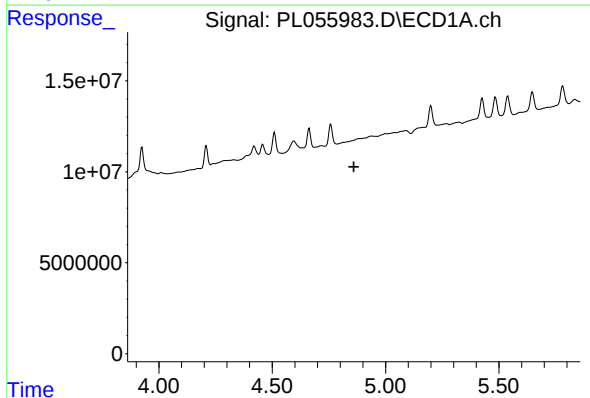
R.T.: 4.330 min
Delta R.T.: -0.029 min
Response: 8767625
Conc: 23.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



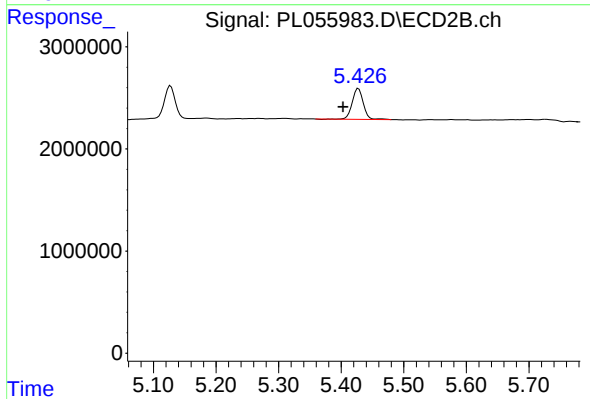
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.943 min
Response: 0
Conc: N.D.



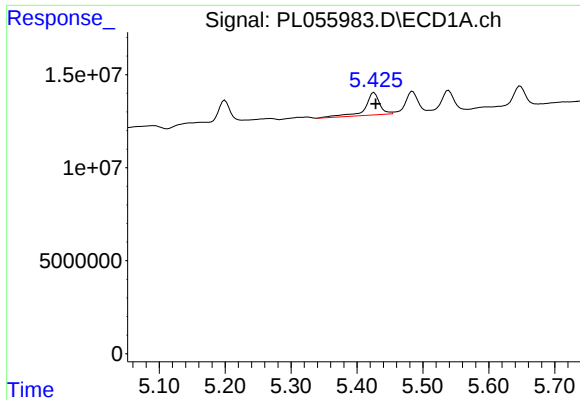
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



#24 Chlordane-2

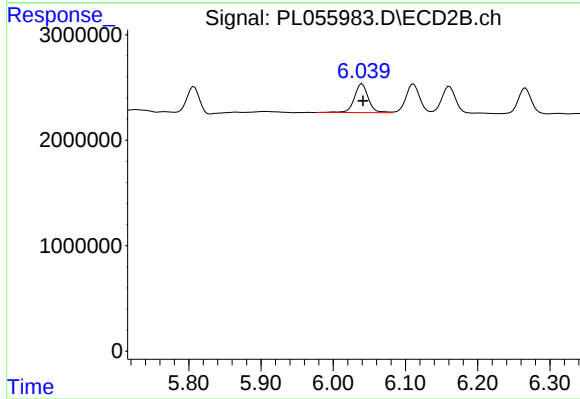
R.T.: 5.428 min
Delta R.T.: 0.024 min
Response: 3735176
Conc: 33.88 ng/ml



#25 Chlordane-3

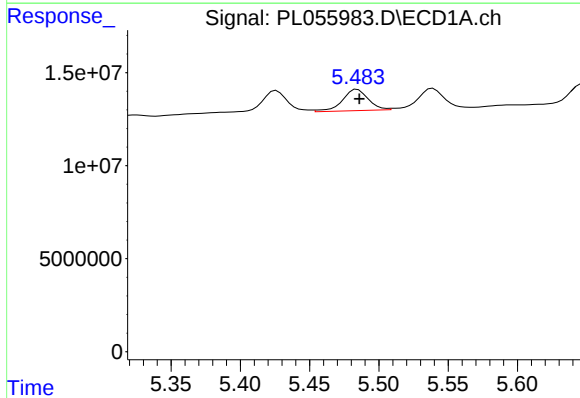
R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 18259523
Conc: 14.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



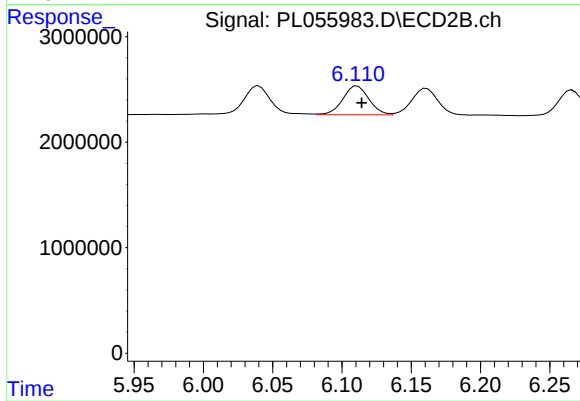
#25 Chlordane-3

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 3659652
Conc: 9.22 ng/ml



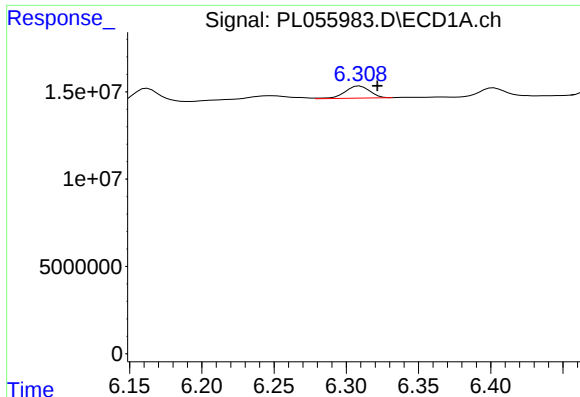
#26 Chlordane-4

R.T.: 5.484 min
Delta R.T.: -0.001 min
Response: 14740336
Conc: 14.30 ng/ml



#26 Chlordane-4

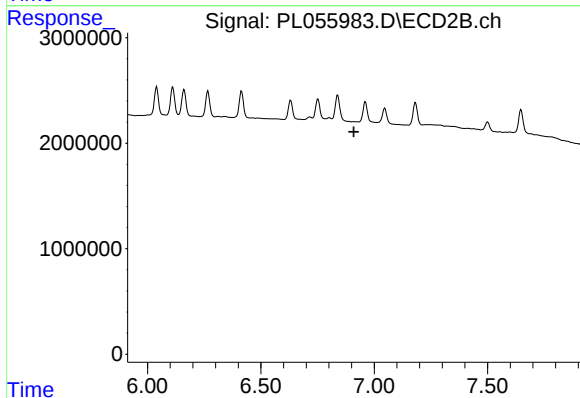
R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 3591101
Conc: 7.65 ng/ml



#27 Chlordane-5

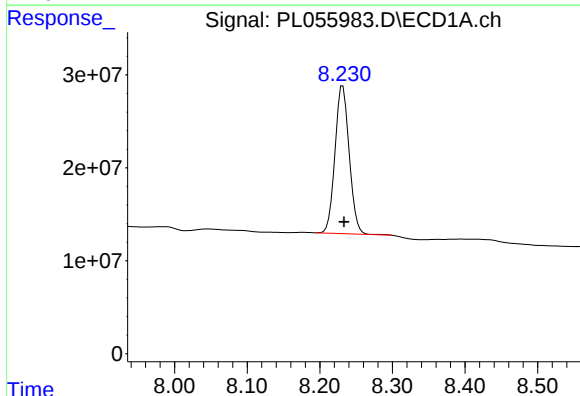
R.T.: 6.309 min
Delta R.T.: -0.012 min
Response: 8238048
Conc: 21.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2020



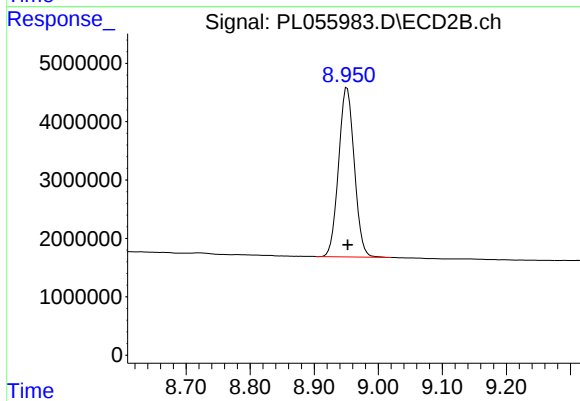
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 216240075
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 49268638
Conc: 21.51 ng/ml