

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
 Data File : PL041023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 10:37
 Operator : AJ\SJ
 Sample : J5164-03
 Misc : ECD_L MDL SOIL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:51:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 11 03:28:36 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.481	4.104	92245085	48988748	16.831	17.570
28)	SA Decachlor...	8.230	9.234	92485497	41997414	17.787	16.241
Target Compounds							
2)	A alpha-BHC	3.921	4.499	7624388	3396951	0.962	0.878
3)	MA gamma-BHC...	4.205	4.787	5407337	2988311	0.741	0.839
4)	MA Heptachlor	4.503	5.303	6036188	3194072	0.819	0.944
5)	MB Aldrin	4.750	5.612	4877527	2697986	0.711	0.894 #
6)	B beta-BHC	4.457	4.960	3135791	3685163	0.988	2.299 #
7)	B delta-BHC	4.661	5.176	4948802	1736447	0.743	0.529 #
8)	B Heptachlor...	5.194	6.000	5666043	1378931	0.864	0.481 #
9)	A Endosulfan I	5.533	6.360	4930508	2100834	0.823	0.820
10)	B gamma-Chl...	5.420	6.235	5418693	2387243	0.824	0.851
11)	B alpha-Chl...	5.478	6.308	5708870	2604670	0.877	0.938
12)	B 4,4'-DDE	5.644	6.462	4344082	2205613	0.764	0.834
13)	MA Dieldrin	5.776	6.618	5116484	2385131	0.809	0.896
14)	MA Endrin	6.032	6.838	4345941	1737929	0.757	0.779
15)	B Endosulfa...	6.307	7.045	5364876	2504068	0.957	1.054
16)	A 4,4'-DDD	6.161	6.954	3605585	2673859	0.798	1.276 #
17)	MA 4,4'-DDT	6.400	7.254	2871336	1700395	0.630	0.817 #
18)	B Endrin al...	6.476	7.170	4122538	1934804	0.983	0.975
19)	B Endosulfa...	6.688	7.392	5028482	2055343	0.988	0.920
20)	A Methoxychlor	6.949	0.000	2026990	0	0.779	N.D. #
21)	B Endrin ke...	7.179	7.868	4993246	2228535	0.954	0.948
23)	Chlordane-1	0.000	5.176	0	1736447	N.D.	14.059 #
24)	Chlordane-2	0.000	5.612	0	2697986	N.D.	21.816 #
25)	Chlordane-3	5.420	6.235	5418693	2387243	7.080	5.922
26)	Chlordane-4	5.478	6.308	5708870	2604670	8.515	5.488 #
27)	Chlordane-5	6.307	7.170	5364876	1934804	24.755	21.867

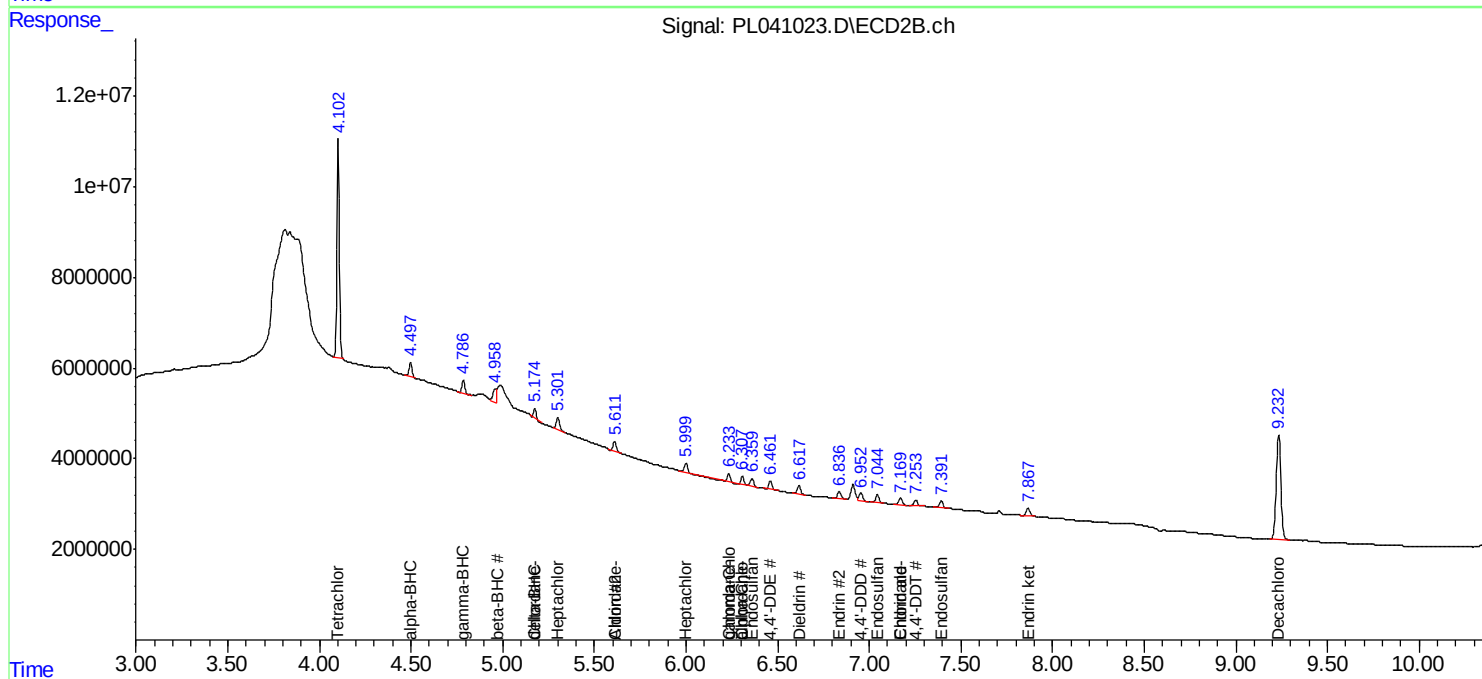
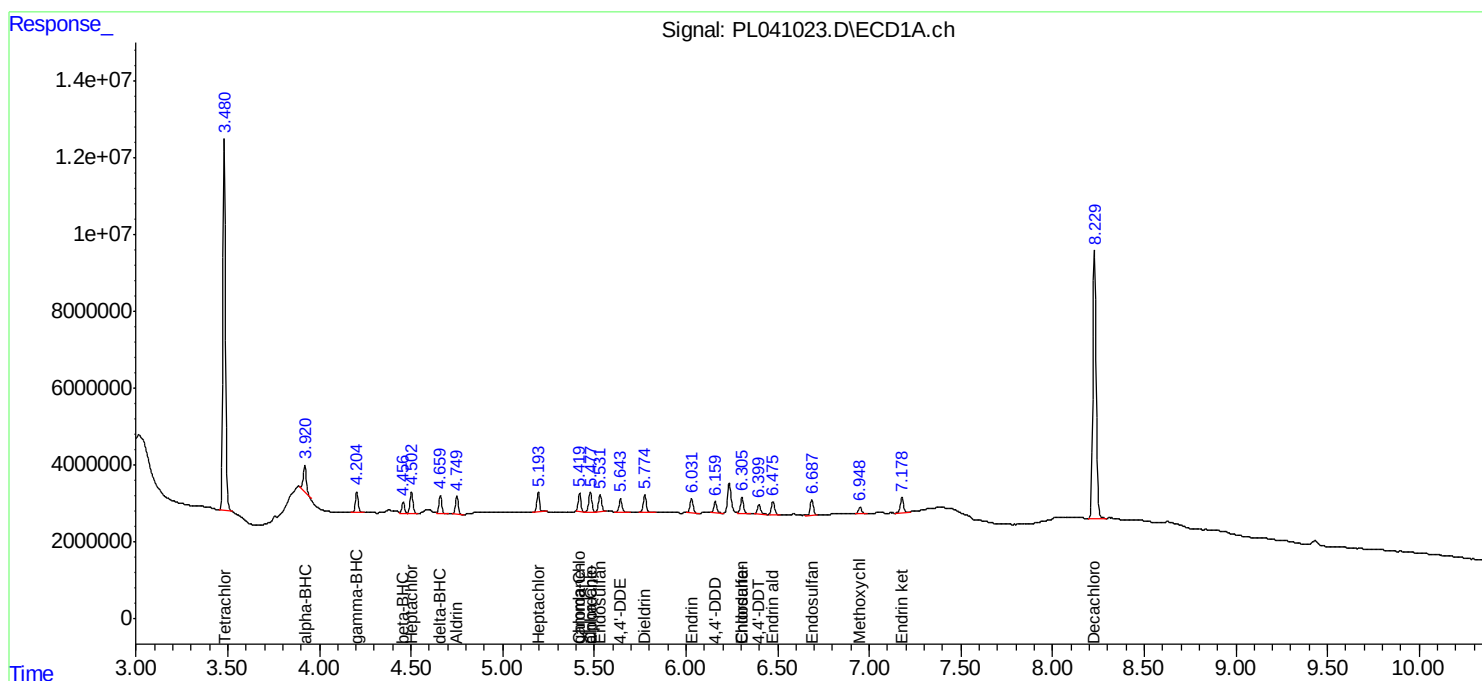
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

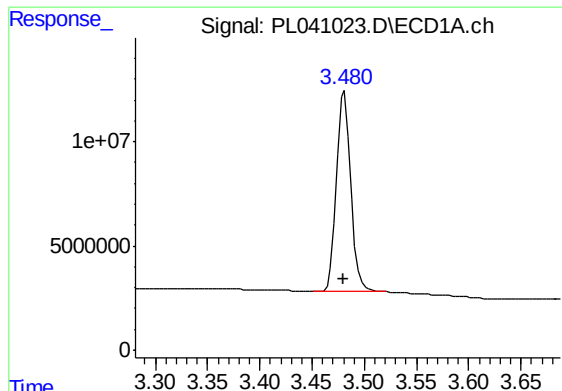
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
Data File : PL041023.D
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Integration File signal 1: autoint1.e
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Quant Time: Oct 17 01:51:13 2018
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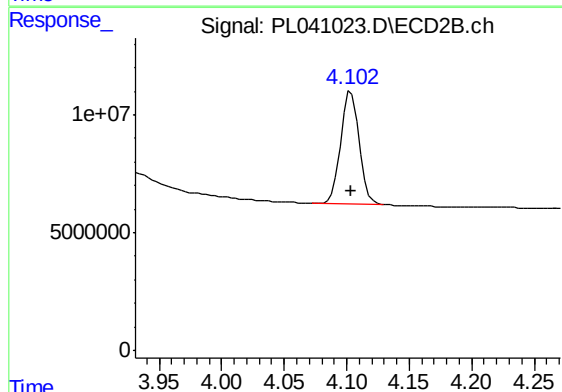




#1 Tetrachloro-m-xylene

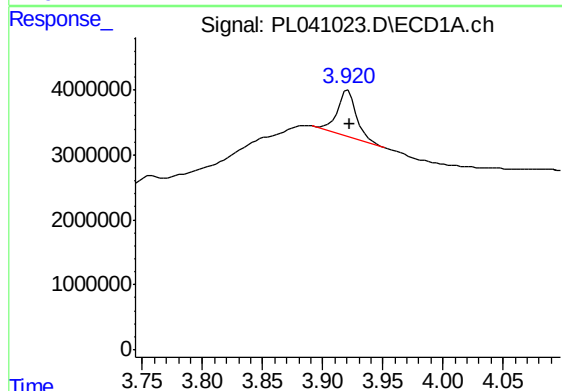
R.T.: 3.481 min
Delta R.T.: 0.001 min
Response: 92245085
Conc: 16.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



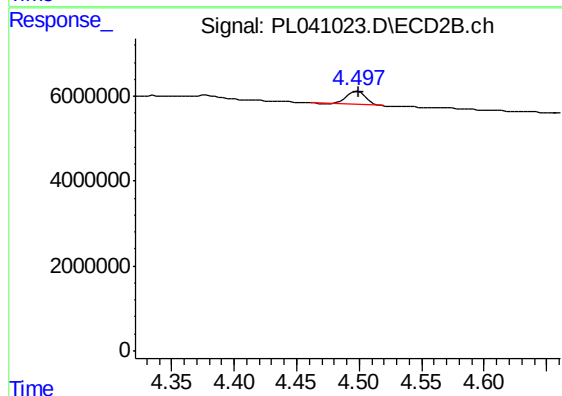
#1 Tetrachloro-m-xylene

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 48988748
Conc: 17.57 ng/ml



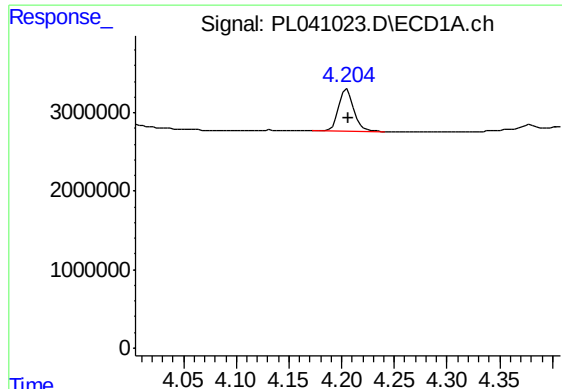
#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 7624388
Conc: 0.96 ng/ml



#2 alpha-BHC

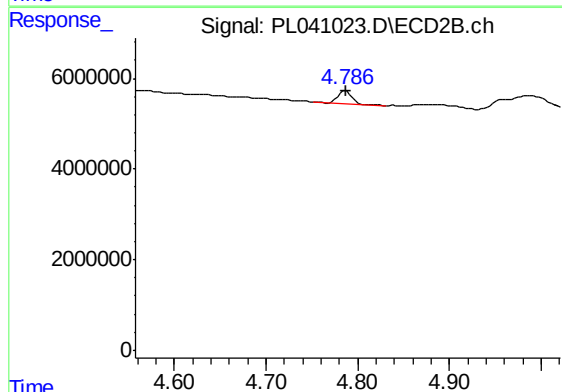
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 3396951
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

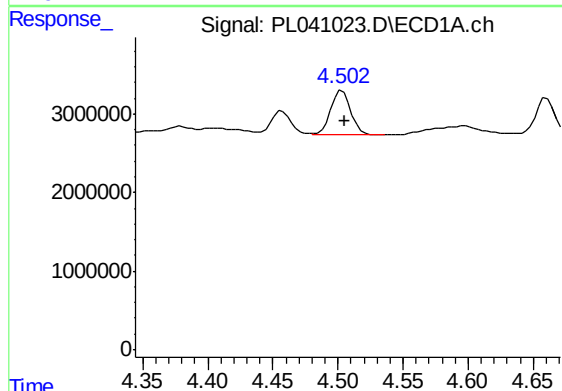
R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 5407337
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



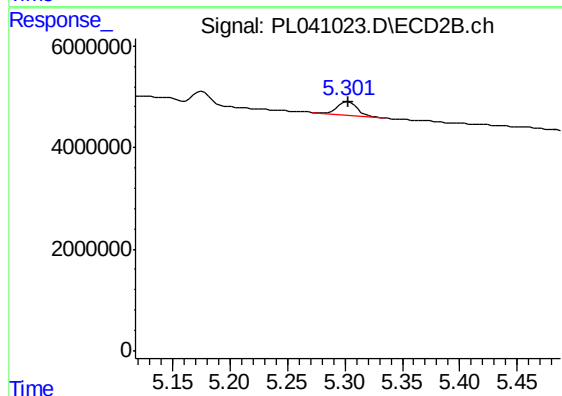
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 2988311
Conc: 0.84 ng/ml



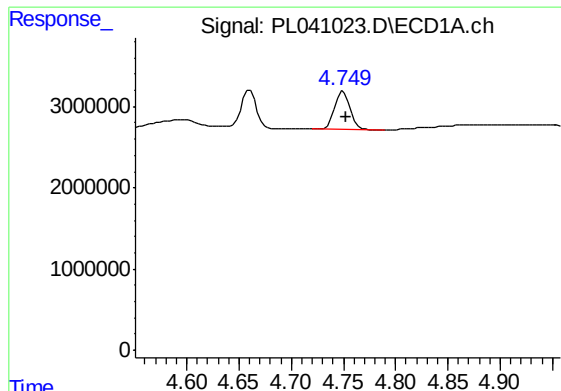
#4 Heptachlor

R.T.: 4.503 min
Delta R.T.: -0.002 min
Response: 6036188
Conc: 0.82 ng/ml



#4 Heptachlor

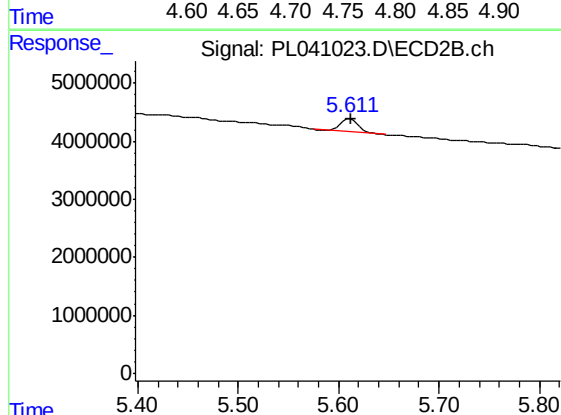
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 3194072
Conc: 0.94 ng/ml



#5 Aldrin

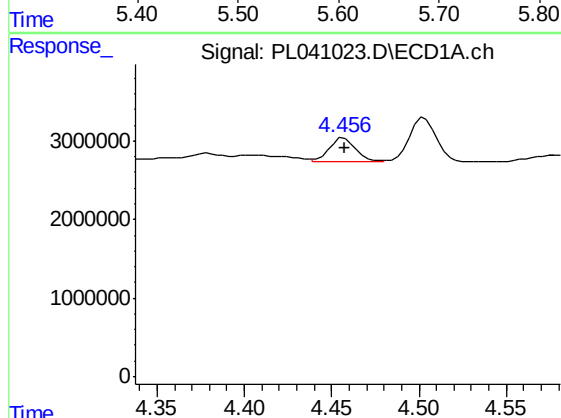
R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 4877527
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



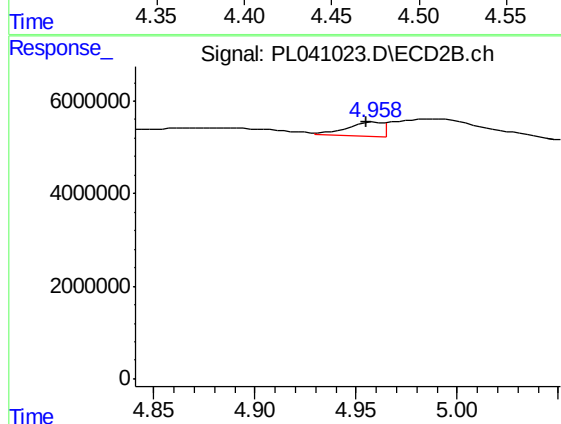
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 2697986
Conc: 0.89 ng/ml



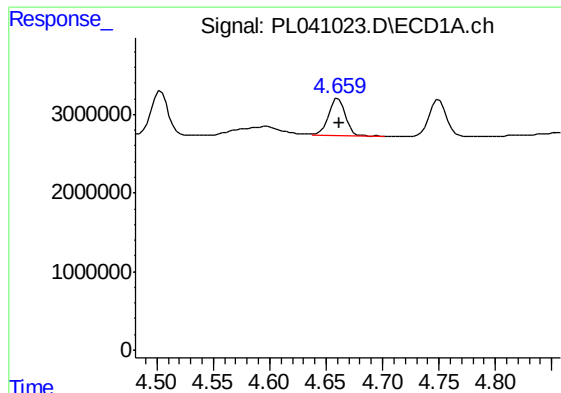
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: 0.000 min
Response: 3135791
Conc: 0.99 ng/ml



#6 beta-BHC

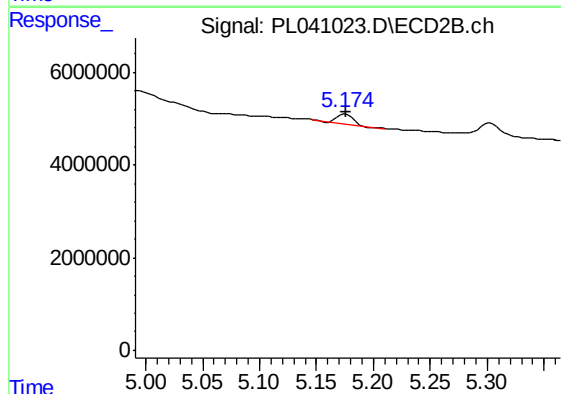
R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 3685163
Conc: 2.30 ng/ml



#7 delta-BHC

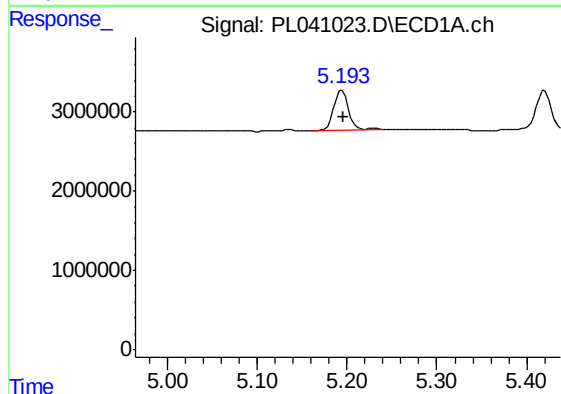
R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 4948802
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



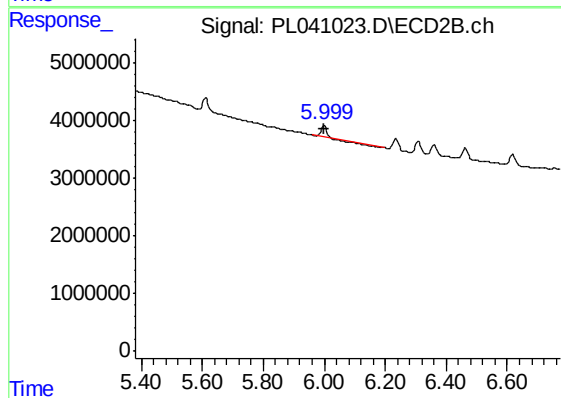
#7 delta-BHC

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 1736447
Conc: 0.53 ng/ml



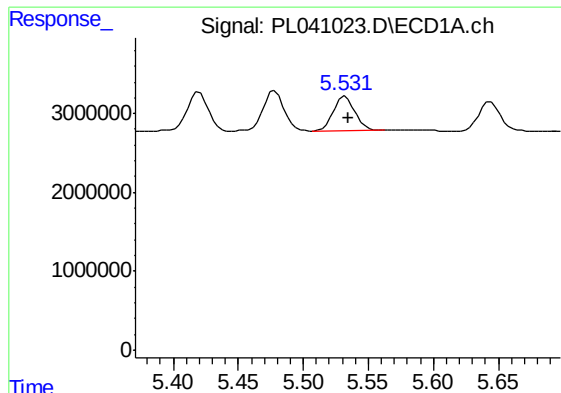
#8 Heptachlor epoxide

R.T.: 5.194 min
Delta R.T.: -0.002 min
Response: 5666043
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

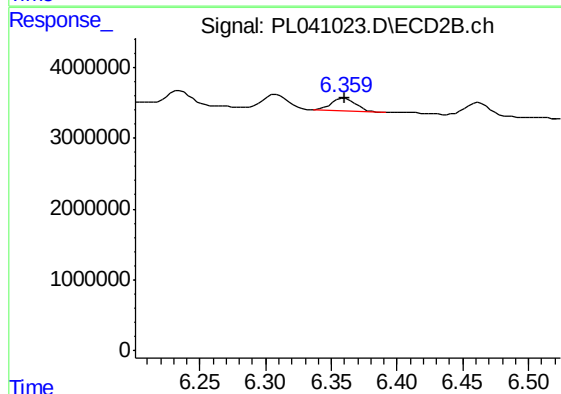
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 1378931
Conc: 0.48 ng/ml



#9 Endosulfan I

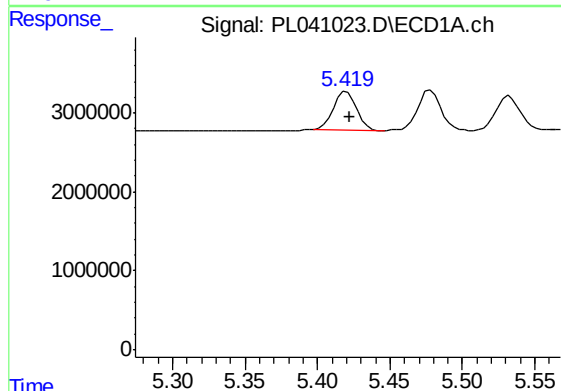
R.T.: 5.533 min
Delta R.T.: -0.002 min
Response: 4930508
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



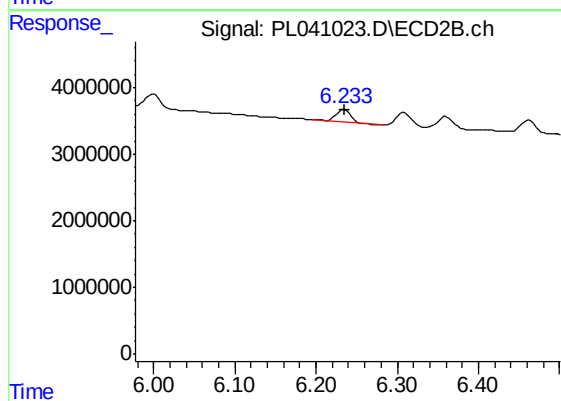
#9 Endosulfan I

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2100834
Conc: 0.82 ng/ml



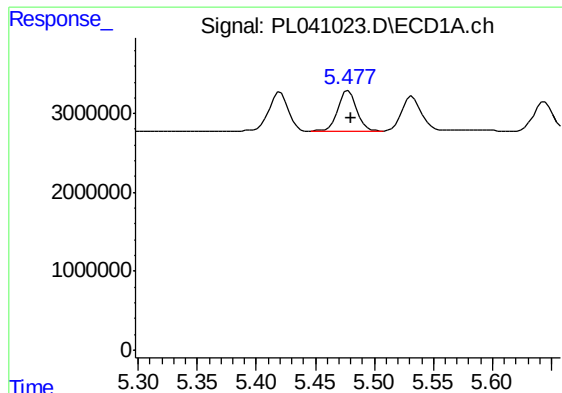
#10 gamma-Chlordane

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 5418693
Conc: 0.82 ng/ml



#10 gamma-Chlordane

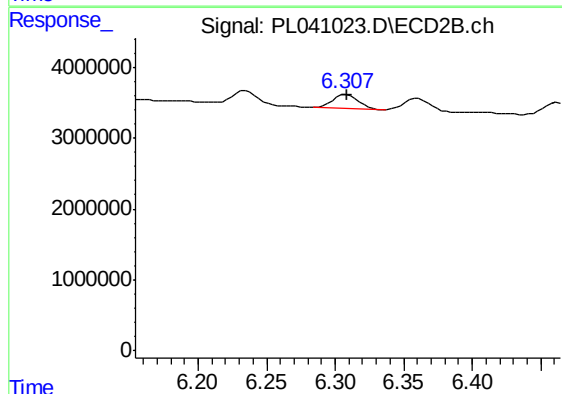
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 2387243
Conc: 0.85 ng/ml



#11 alpha-Chlordane

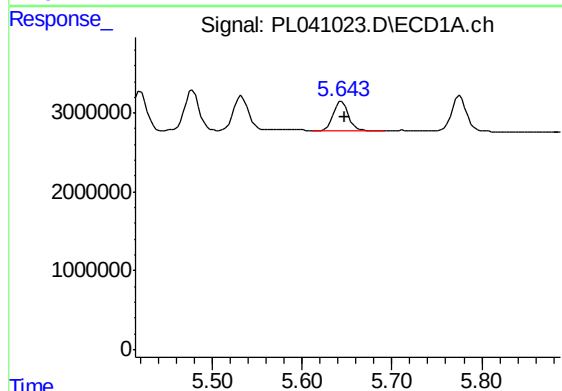
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 5708870
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



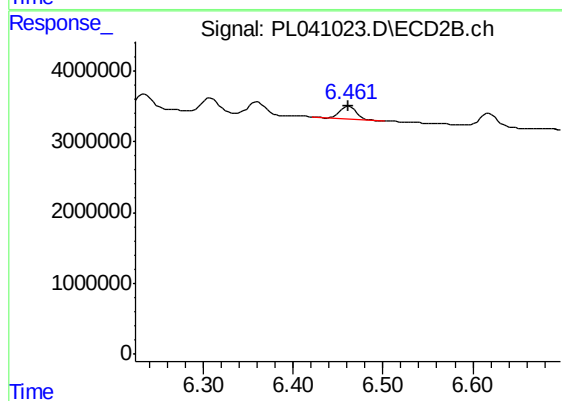
#11 alpha-Chlordane

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 2604670
Conc: 0.94 ng/ml



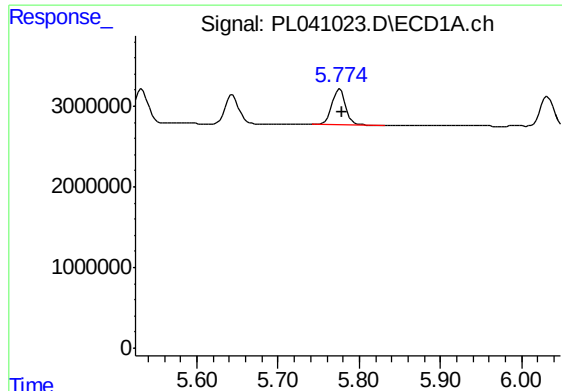
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 4344082
Conc: 0.76 ng/ml



#12 4,4'-DDE

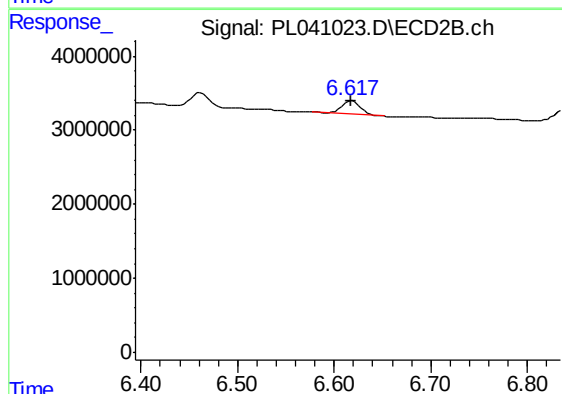
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 2205613
Conc: 0.83 ng/ml



#13 Dielddrin

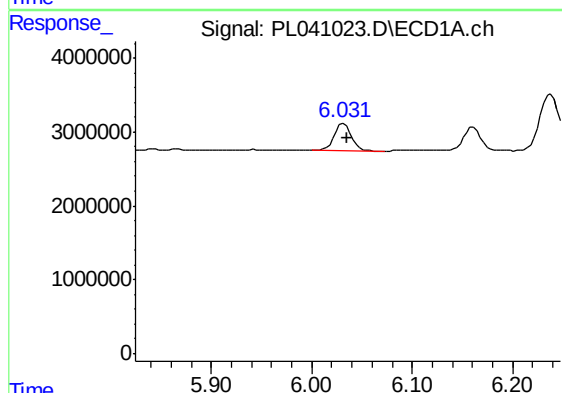
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 5116484
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



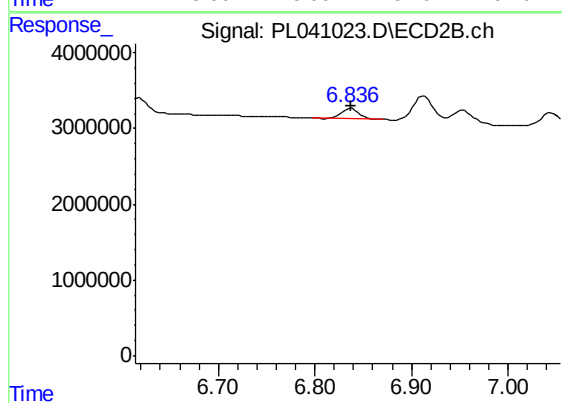
#13 Dielddrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2385131
Conc: 0.90 ng/ml



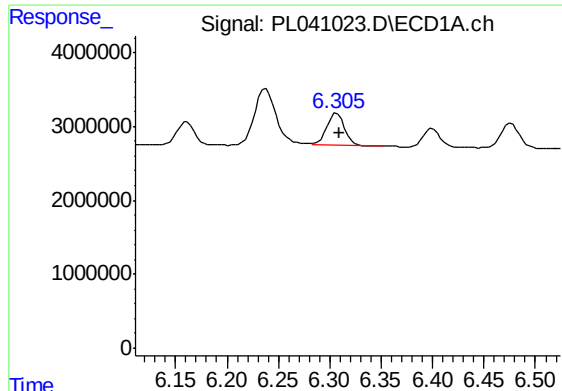
#14 Endrin

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 4345941
Conc: 0.76 ng/ml



#14 Endrin

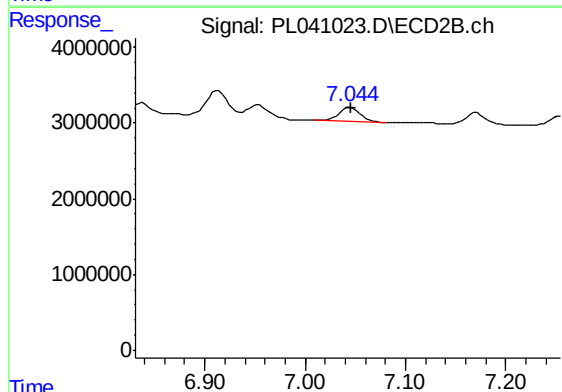
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 1737929
Conc: 0.78 ng/ml



#15 Endosulfan II

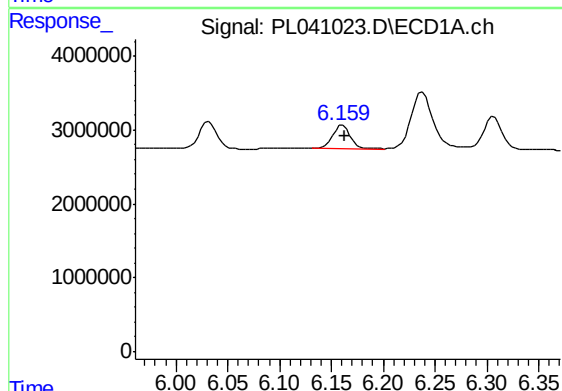
R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 5364876
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



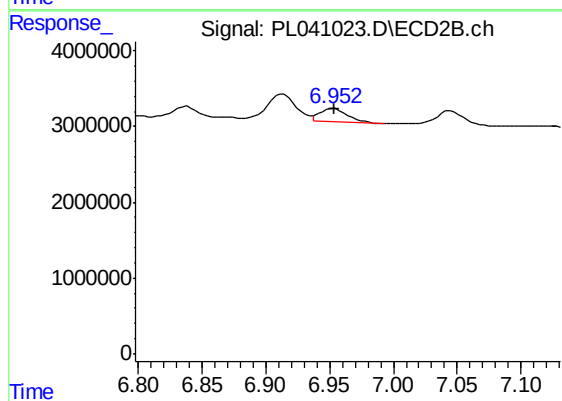
#15 Endosulfan II

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 2504068
Conc: 1.05 ng/ml



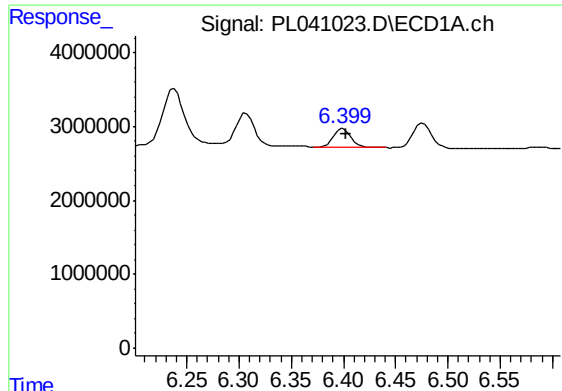
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 3605585
Conc: 0.80 ng/ml



#16 4,4'-DDD

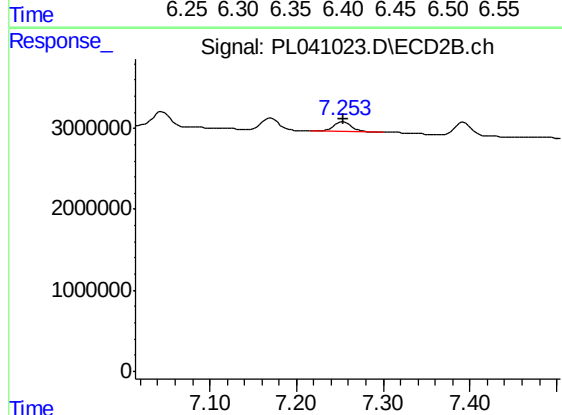
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 2673859
Conc: 1.28 ng/ml



#17 4,4'-DDT

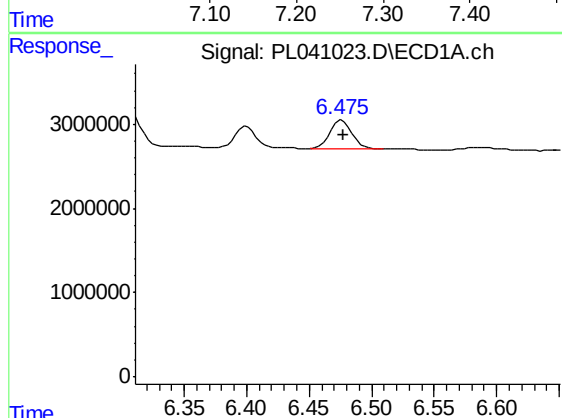
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 2871336
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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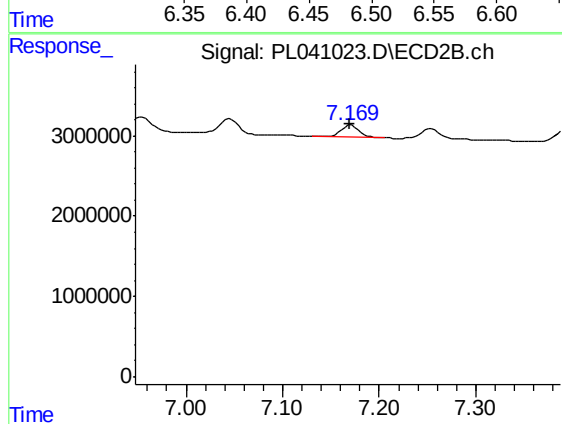
#17 4,4'-DDT

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 1700395
Conc: 0.82 ng/ml



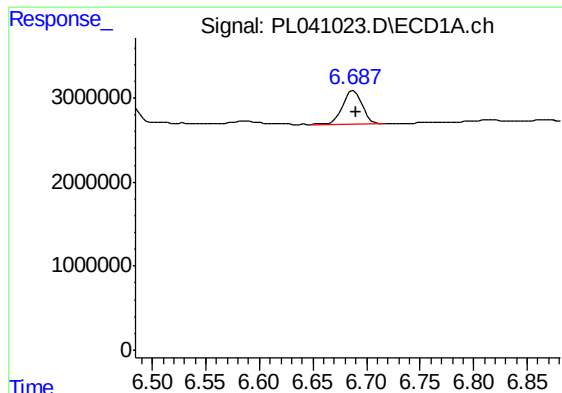
#18 Endrin aldehyde

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 4122538
Conc: 0.98 ng/ml



#18 Endrin aldehyde

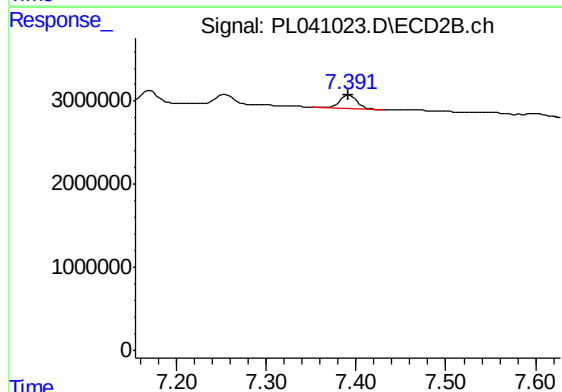
R.T.: 7.170 min
Delta R.T.: 0.001 min
Response: 1934804
Conc: 0.98 ng/ml



#19 Endosulfan Sulfate

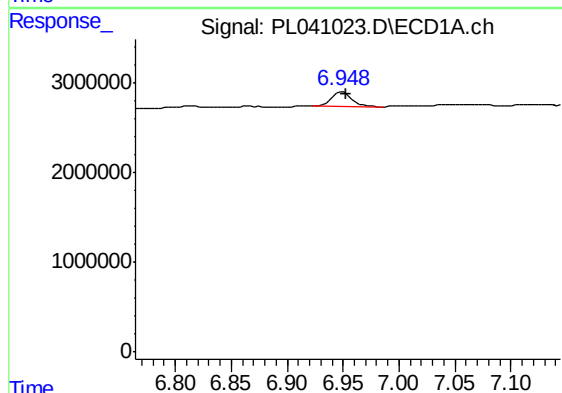
R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 5028482
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



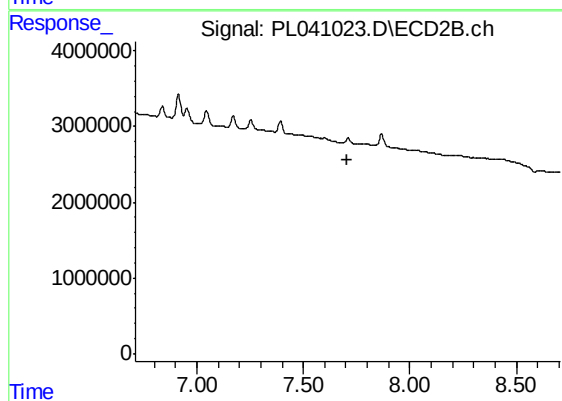
#19 Endosulfan Sulfate

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 2055343
Conc: 0.92 ng/ml



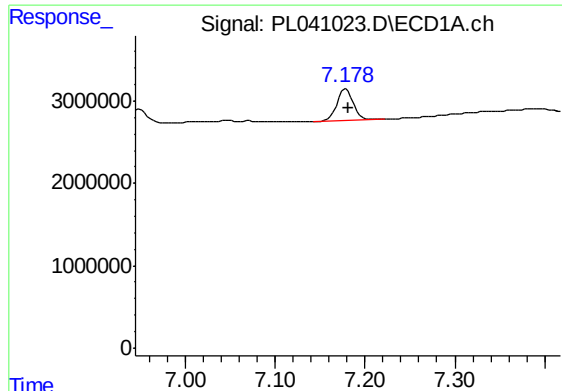
#20 Methoxychlor

R.T.: 6.949 min
Delta R.T.: -0.003 min
Response: 2026990
Conc: 0.78 ng/ml



#20 Methoxychlor

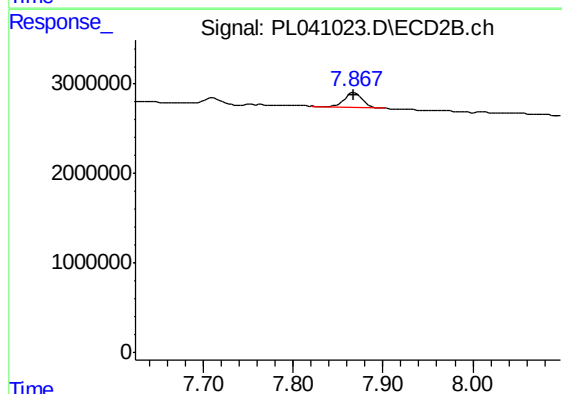
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#21 Endrin ketone

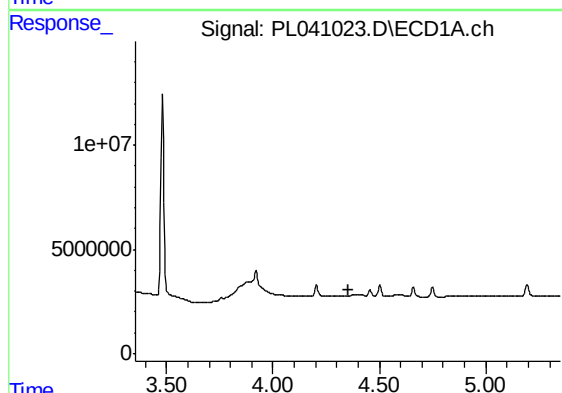
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 4993246
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



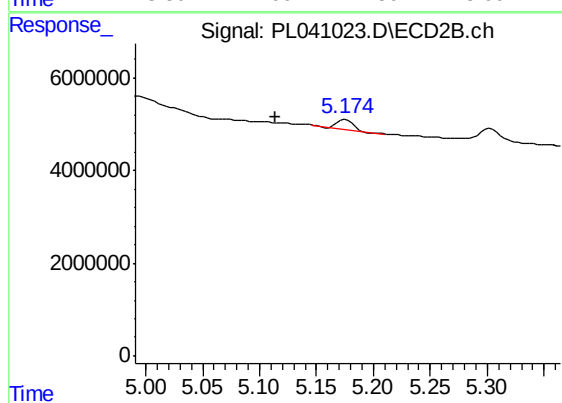
#21 Endrin ketone

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 2228535
Conc: 0.95 ng/ml



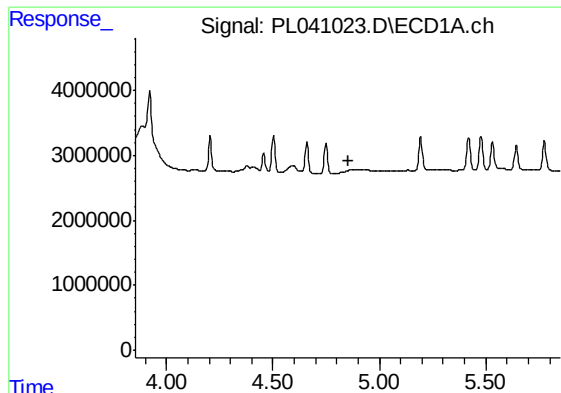
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.353 min
Response: 0
Conc: N.D.



#23 Chlordane-1

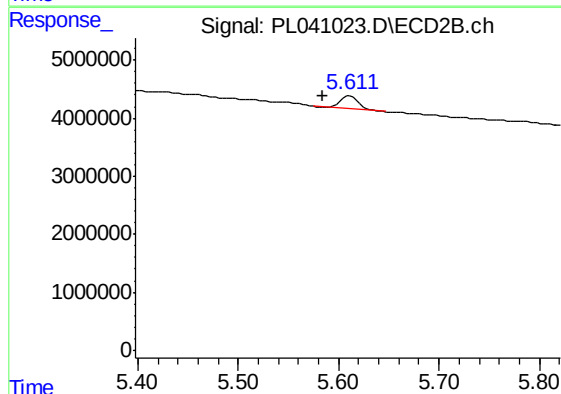
R.T.: 5.176 min
Delta R.T.: 0.062 min
Response: 1736447
Conc: 14.06 ng/ml



#24 Chlordane-2

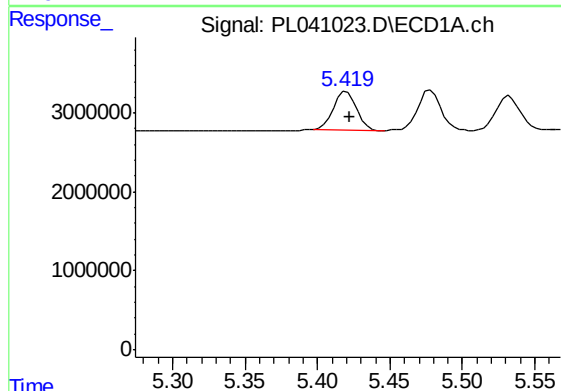
R.T.: 0.000 min
Exp R.T.: 4.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



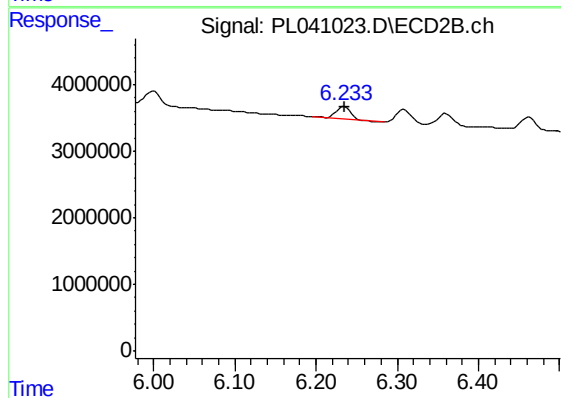
#24 Chlordane-2

R.T.: 5.612 min
Delta R.T.: 0.027 min
Response: 2697986
Conc: 21.82 ng/ml



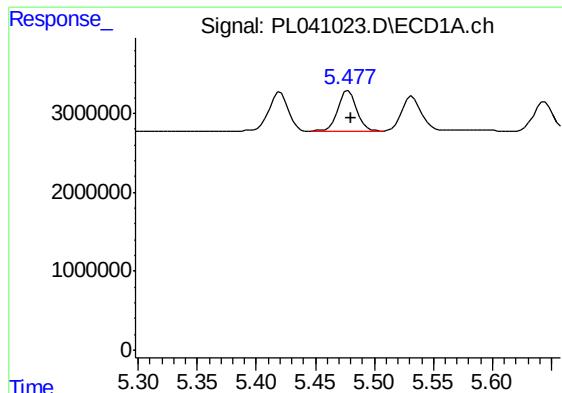
#25 Chlordane-3

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 5418693
Conc: 7.08 ng/ml



#25 Chlordane-3

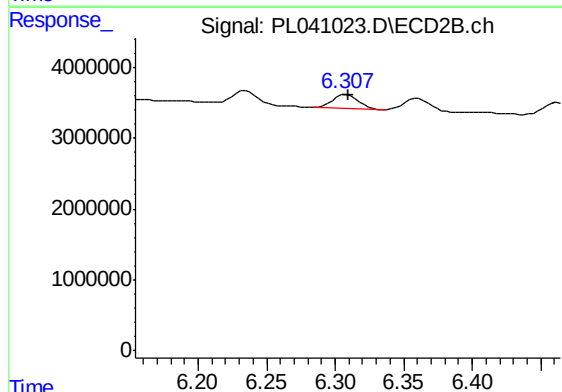
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 2387243
Conc: 5.92 ng/ml



#26 Chlordane-4

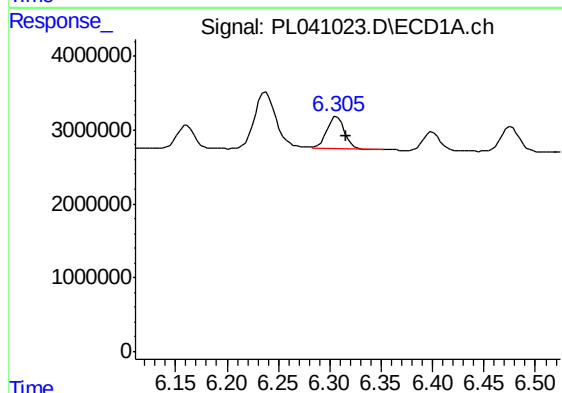
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 5708870
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



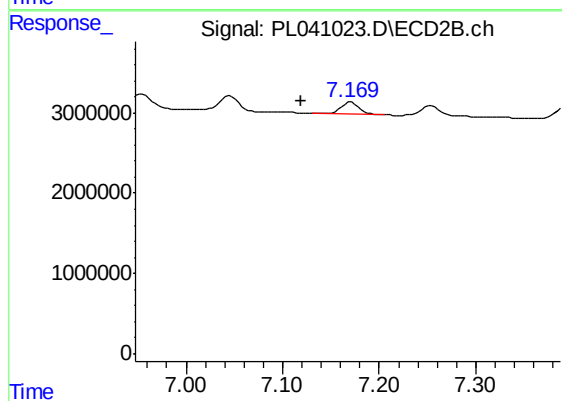
#26 Chlordane-4

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 2604670
Conc: 5.49 ng/ml



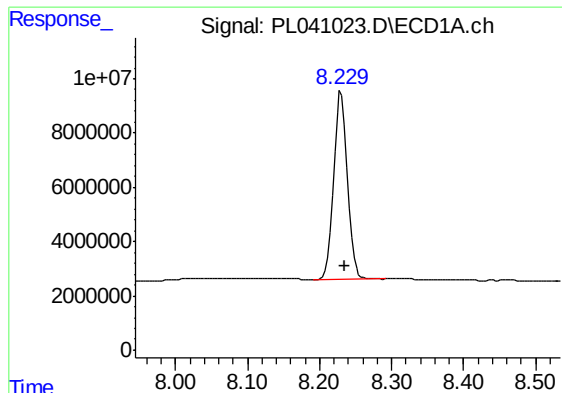
#27 Chlordane-5

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 5364876
Conc: 24.76 ng/ml



#27 Chlordane-5

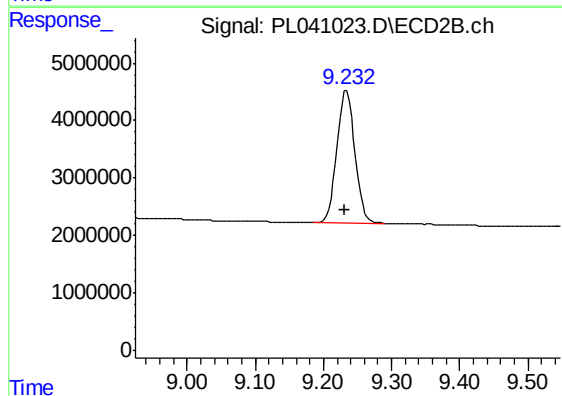
R.T.: 7.170 min
Delta R.T.: 0.051 min
Response: 1934804
Conc: 21.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 92485497
Conc: 17.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018



#28 Decachlorobiphenyl

R.T.: 9.234 min
Delta R.T.: 0.002 min
Response: 41997414
Conc: 16.24 ng/ml