

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
 Data File : PL050674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 11:21
 Operator : SM\AJ
 Sample : K3591-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:16:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.320	3.930	236.4E6	65164312	23.524	22.839
28)	SA Decachlor...	7.981	8.961	265.3E6	68980075	26.197	24.393
Target Compounds							
2)	A alpha-BHC	3.747	4.318	16962642	3472381	1.012	0.842
3)	MA gamma-BHC...	4.022	4.601	15117243	3310658	0.983	0.855
4)	MA Heptachlor	4.306	5.103	16304092	4592306	0.994	1.107
5)	MB Aldrin	4.544	5.405	15361432	3807938	0.992	1.011
6)	B beta-BHC	4.277	4.803f	7035066	2008354	1.073	1.162
7)	B delta-BHC	4.470	4.990	14291681	3835914	0.871	0.992
8)	B Heptachlo...	4.981	5.794	15128317	6735476	1.024	1.761 #
9)	A Endosulfan I	5.311	6.147	18454425	3469265	1.269	1.009
10)	B gamma-Chl...	5.203	6.026	28521701	3519102	1.807	0.952 #
11)	B alpha-Chl...	5.258	6.098	22473069	3697772	1.473	1.009 #
12)	B 4,4'-DDE	5.426	6.258	15443498	3464976	1.031	0.962
13)	MA Dieldrin	5.550	6.403	16778160	3704644	1.083	1.046
14)	MA Endrin	5.802	6.620	30182004	2741071	2.050	0.884 #
15)	B Endosulfa...	6.077	6.833	17018503	6062742	1.216	1.907 #
16)	A 4,4'-DDD	5.937	0.000	14707472	0	1.227	N.D. #
17)	MA 4,4'-DDT	6.171	0.000	10775035	0	0.870	N.D. #
18)	B Endrin al...	6.244	0.000	12451147	0	1.079	N.D. #
19)	B Endosulfa...	6.455	0.000	15092446	0	1.185	N.D. #
21)	B Endrin ke...	6.937	7.647	15050472	2762536	1.100	0.955
22)	Mirex	7.110	0.000	10695946	0	1.091	N.D. #
24)	Chlordane-2	0.000	5.405f	0	3807938	N.D.	32.421 #
25)	Chlordane-3	5.203	6.026	28521701	3519102	20.376	7.317 #
26)	Chlordane-4	5.258	6.098	22473069	3697772	17.038	6.365 #
27)	Chlordane-5	6.077	0.000	17018503	0	33.505	N.D. #

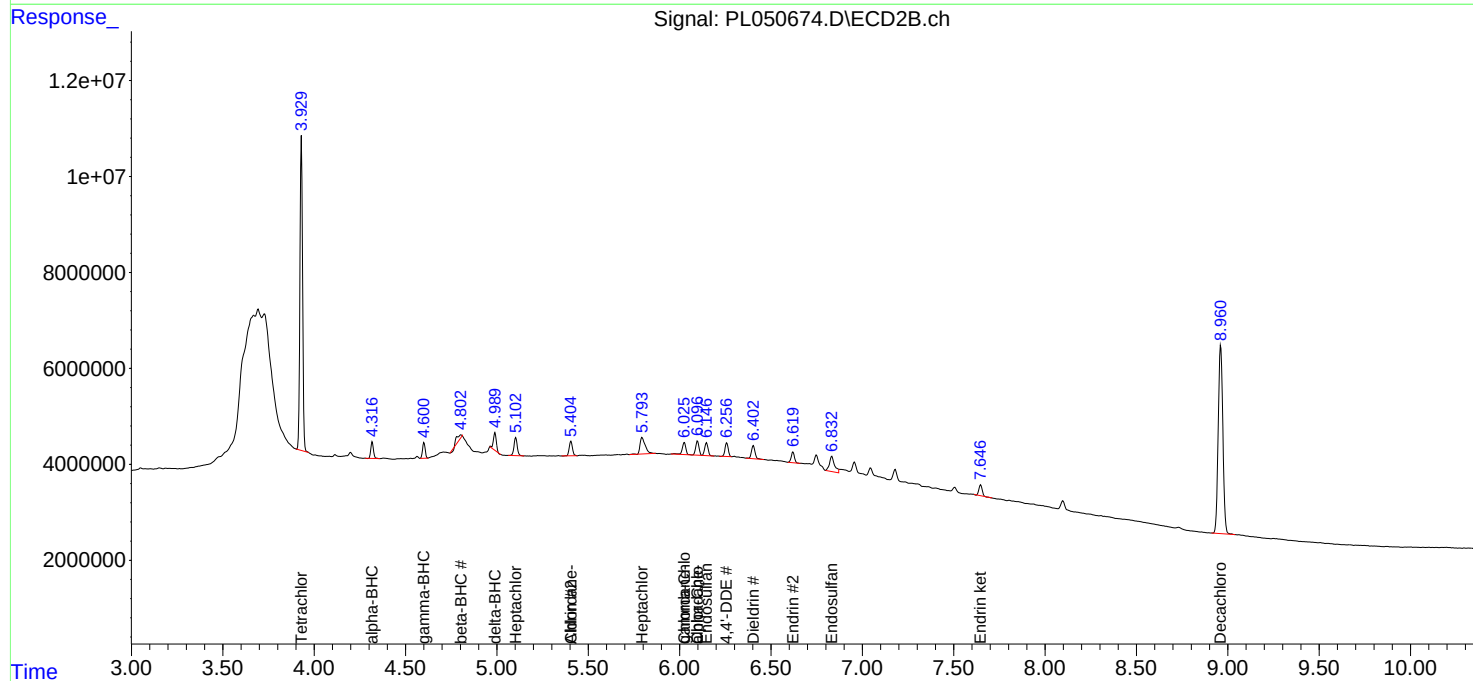
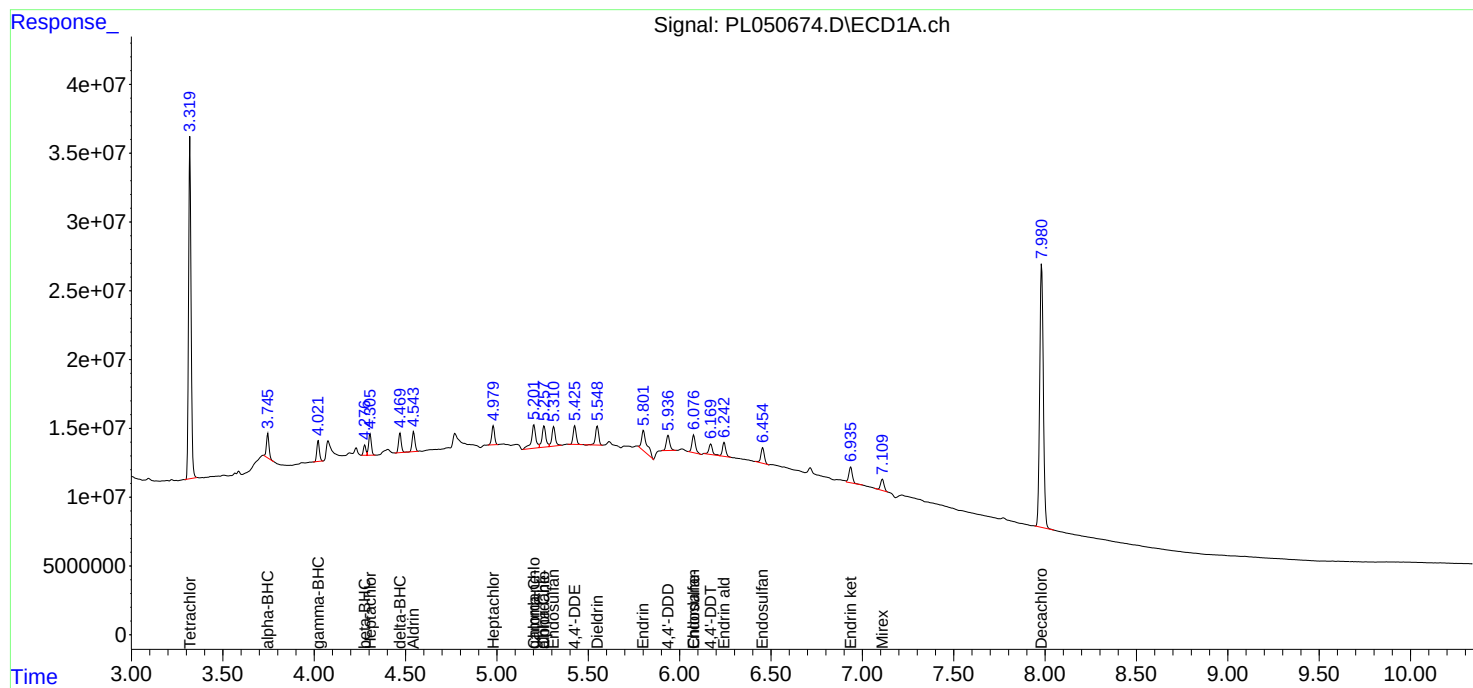
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

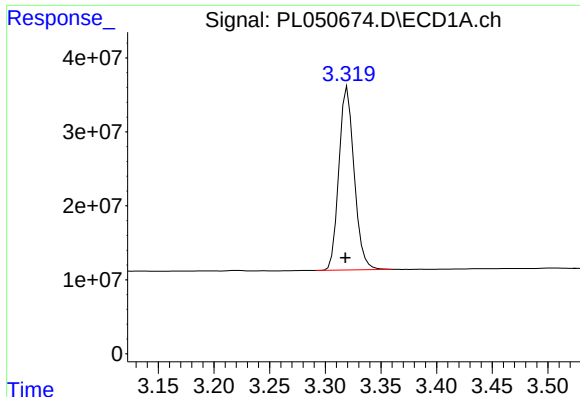
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
Data File : PL050674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2019 11:21
Operator : SM\AJ
Sample : K3591-03
Misc : MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Integration File signal 1: autoint1.e
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Quant Time: Jul 23 01:16:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
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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

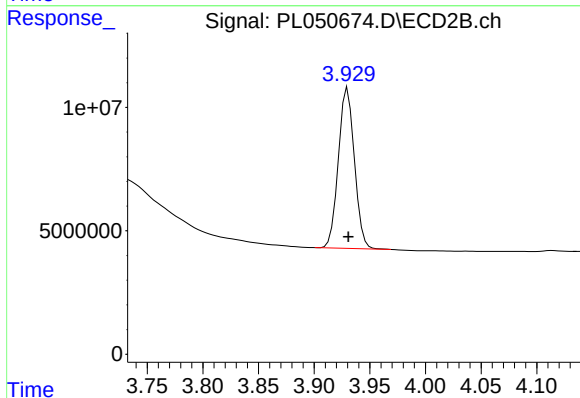




#1 Tetrachloro-m-xylene

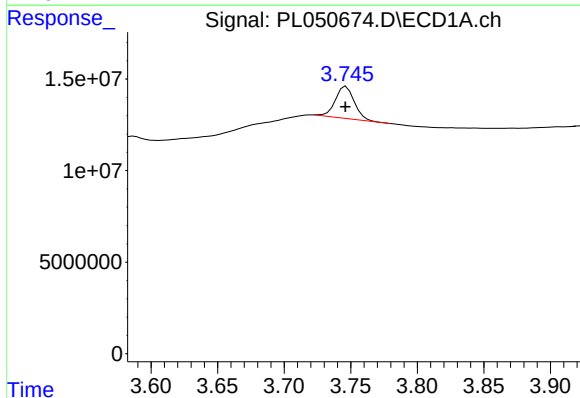
R.T.: 3.320 min
Delta R.T.: 0.002 min
Response: 236367270
Conc: 23.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



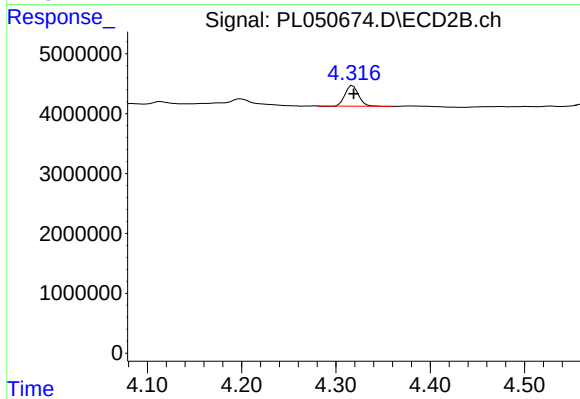
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 65164312
Conc: 22.84 ng/ml



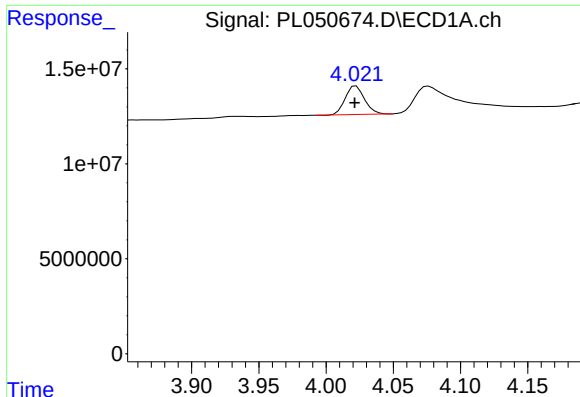
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 16962642
Conc: 1.01 ng/ml



#2 alpha-BHC

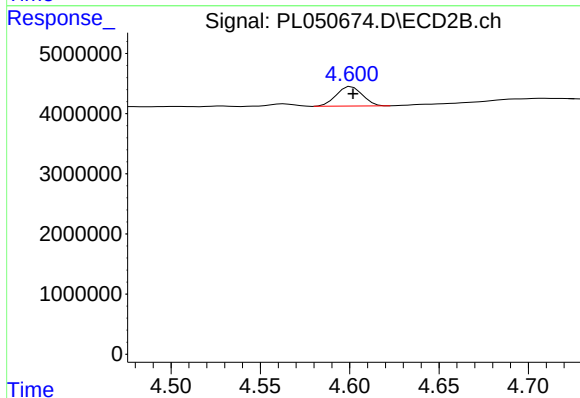
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3472381
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

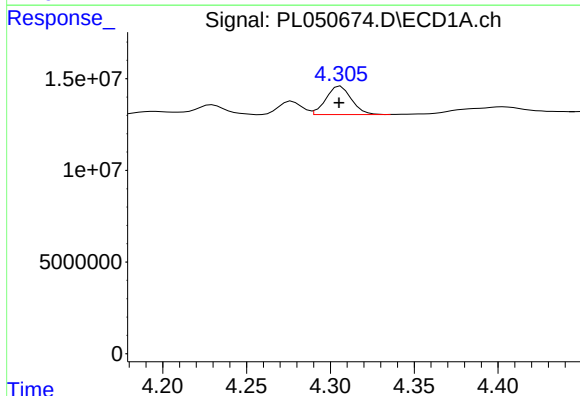
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 15117243
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



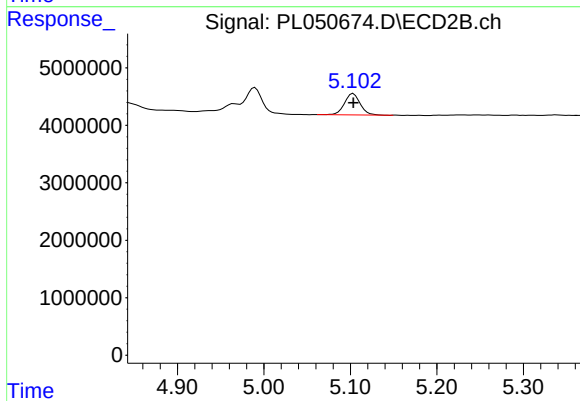
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3310658
Conc: 0.85 ng/ml



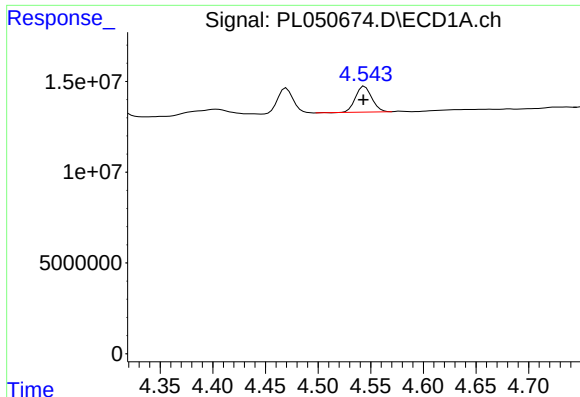
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: 0.001 min
Response: 16304092
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4592306
Conc: 1.11 ng/ml



#5 Aldrin

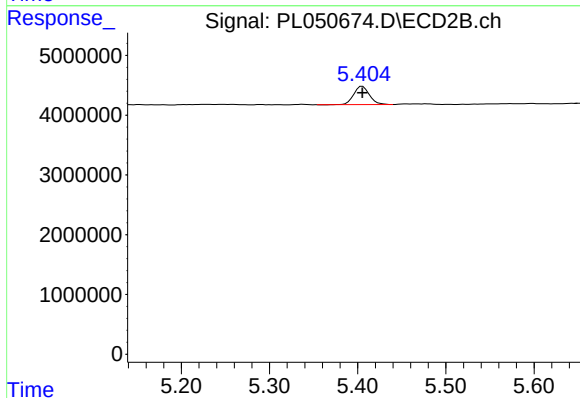
R.T.: 4.544 min

Delta R.T.: 0.001 min

Response: 15361432

Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



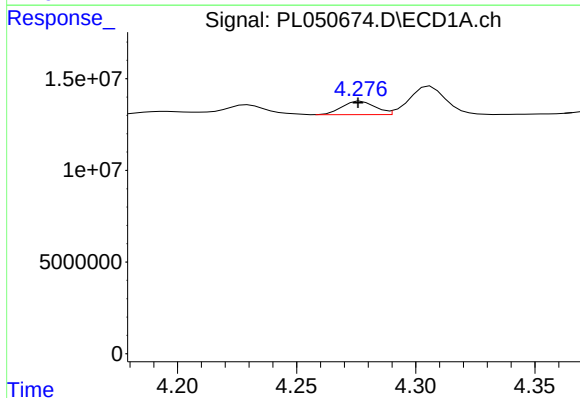
#5 Aldrin

R.T.: 5.405 min

Delta R.T.: 0.000 min

Response: 3807938

Conc: 1.01 ng/ml



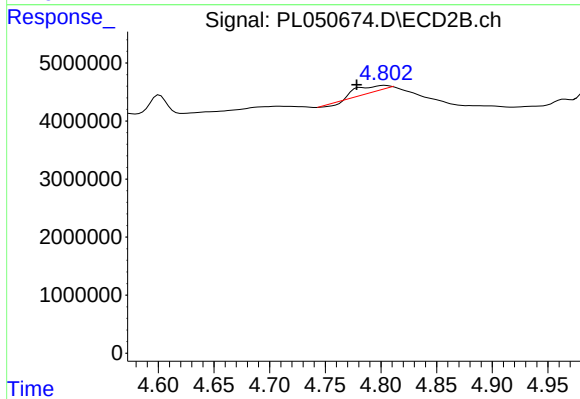
#6 beta-BHC

R.T.: 4.277 min

Delta R.T.: 0.001 min

Response: 7035066

Conc: 1.07 ng/ml



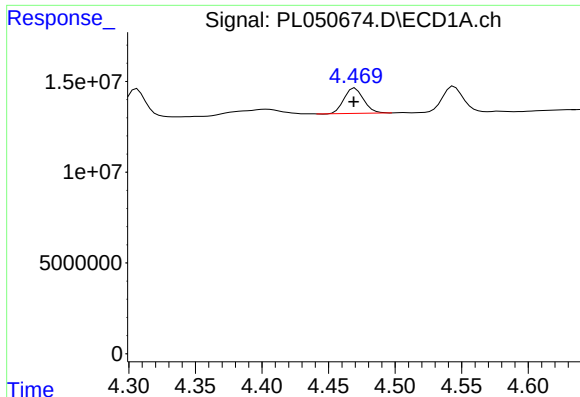
#6 beta-BHC

R.T.: 4.803 min

Delta R.T.: 0.025 min

Response: 2008354

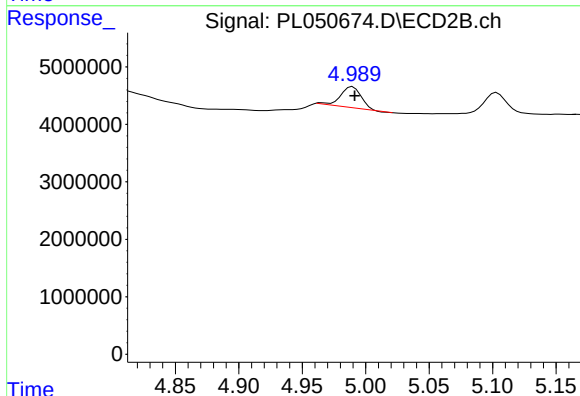
Conc: 1.16 ng/ml



#7 delta-BHC

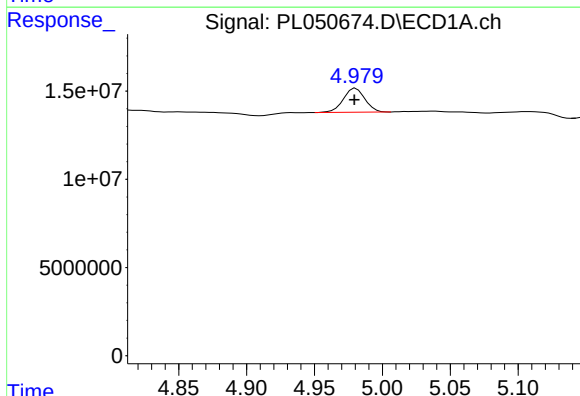
R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 14291681
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



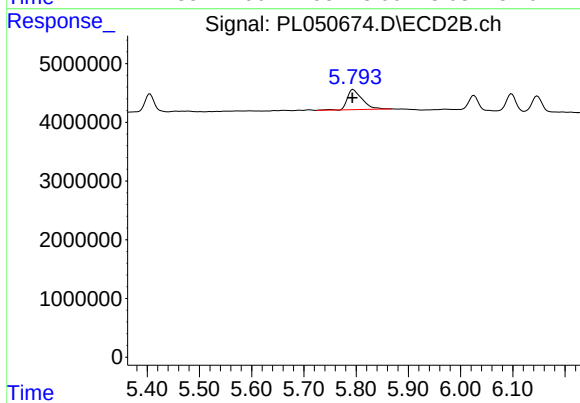
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 3835914
Conc: 0.99 ng/ml



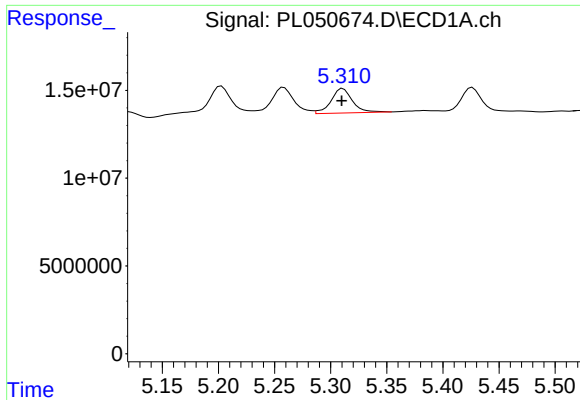
#8 Heptachlor epoxide

R.T.: 4.981 min
Delta R.T.: 0.001 min
Response: 15128317
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

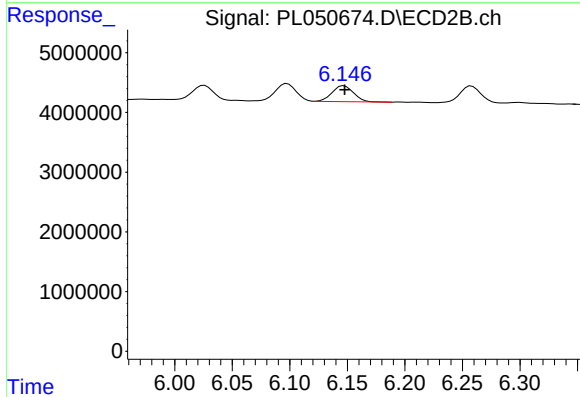
R.T.: 5.794 min
Delta R.T.: 0.002 min
Response: 6735476
Conc: 1.76 ng/ml



#9 Endosulfan I

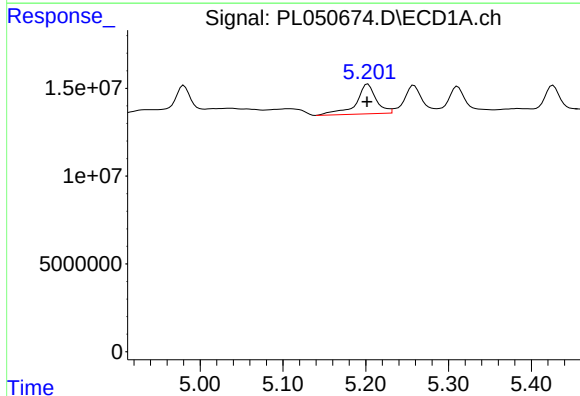
R.T.: 5.311 min
Delta R.T.: 0.001 min
Response: 18454425
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



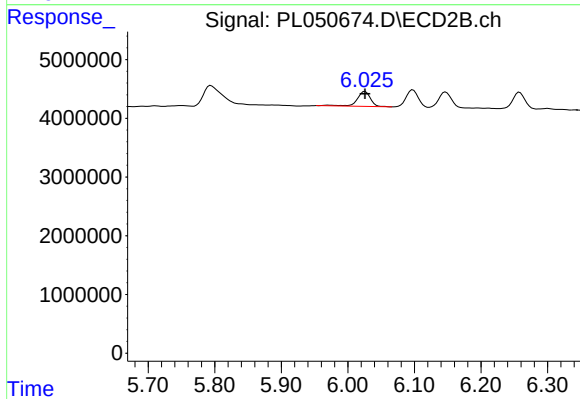
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3469265
Conc: 1.01 ng/ml



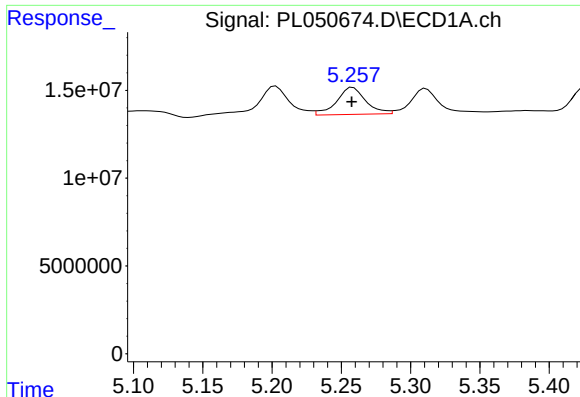
#10 gamma-Chlordane

R.T.: 5.203 min
Delta R.T.: 0.001 min
Response: 28521701
Conc: 1.81 ng/ml



#10 gamma-Chlordane

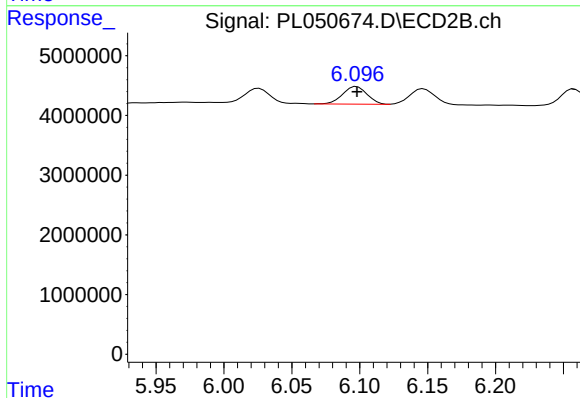
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3519102
Conc: 0.95 ng/ml



#11 alpha-Chlordane

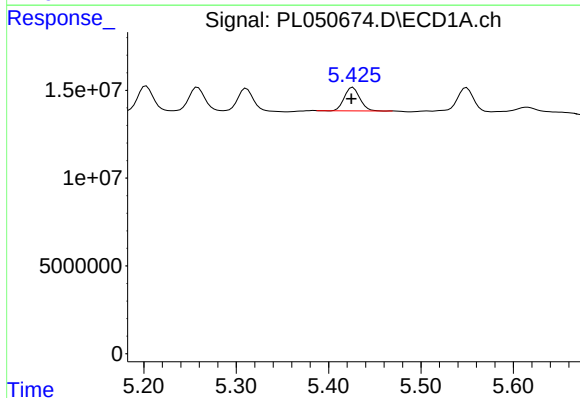
R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 22473069
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



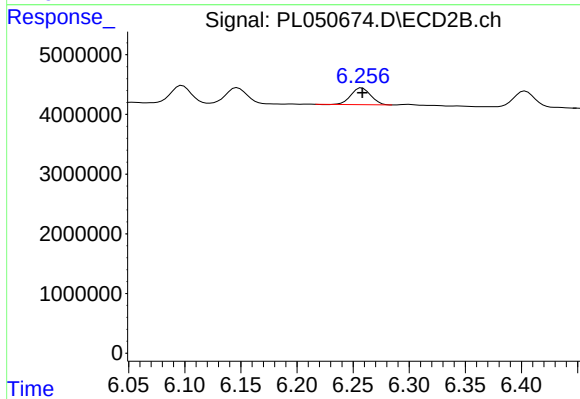
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 3697772
Conc: 1.01 ng/ml



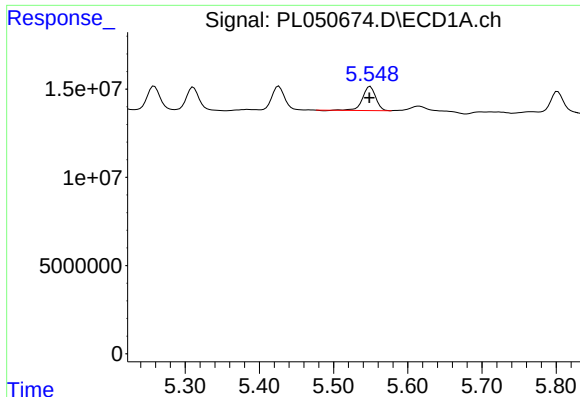
#12 4,4'-DDE

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 15443498
Conc: 1.03 ng/ml



#12 4,4'-DDE

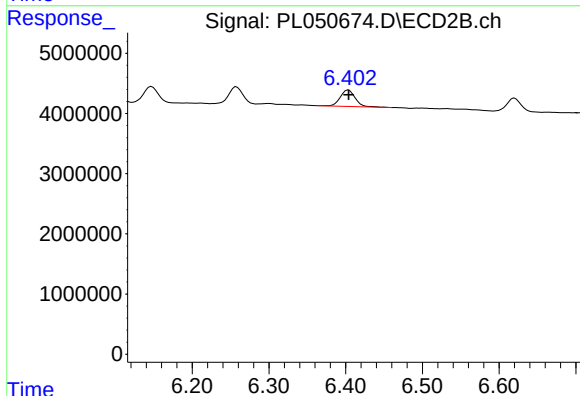
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3464976
Conc: 0.96 ng/ml



#13 Dieldrin

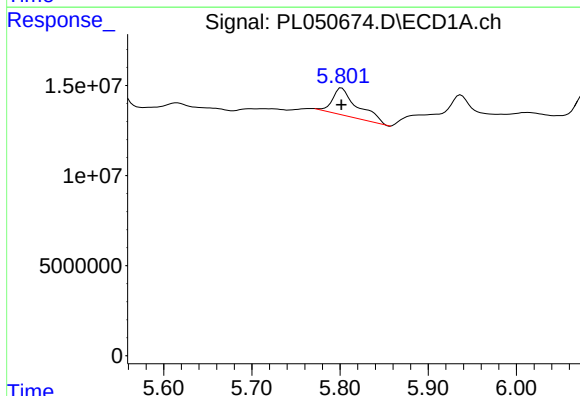
R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 16778160
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



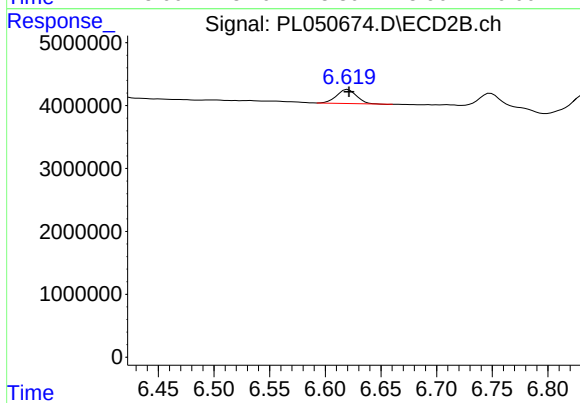
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 3704644
Conc: 1.05 ng/ml



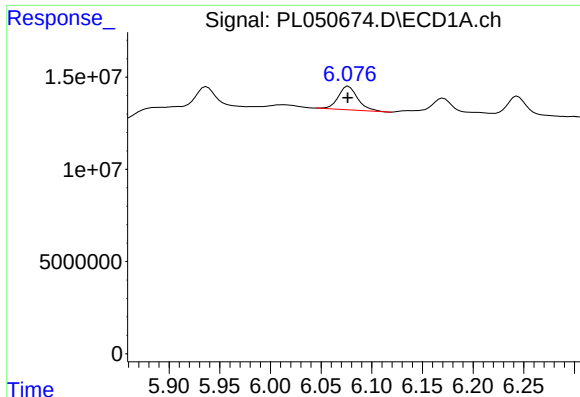
#14 Endrin

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 30182004
Conc: 2.05 ng/ml



#14 Endrin

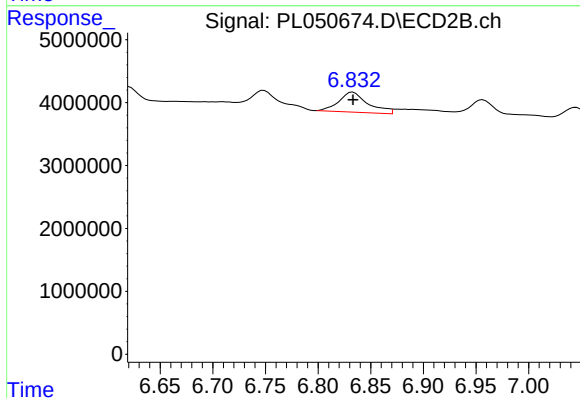
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 2741071
Conc: 0.88 ng/ml



#15 Endosulfan II

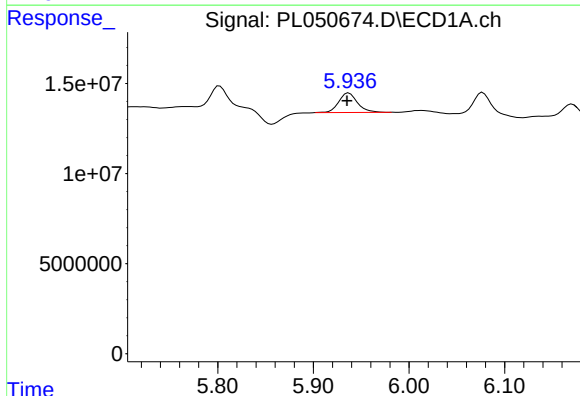
R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 17018503
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



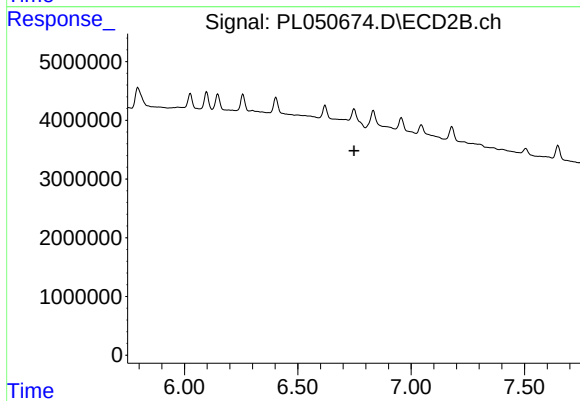
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 6062742
Conc: 1.91 ng/ml



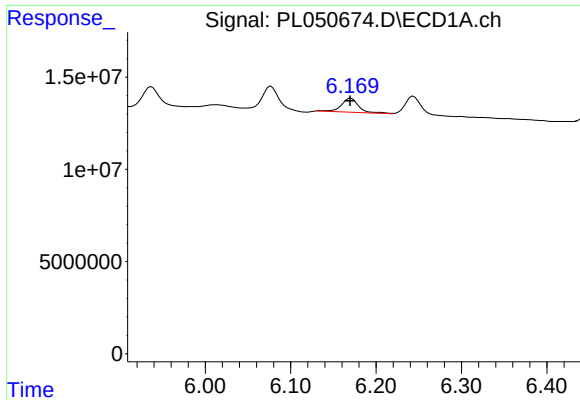
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 14707472
Conc: 1.23 ng/ml



#16 4,4'-DDD

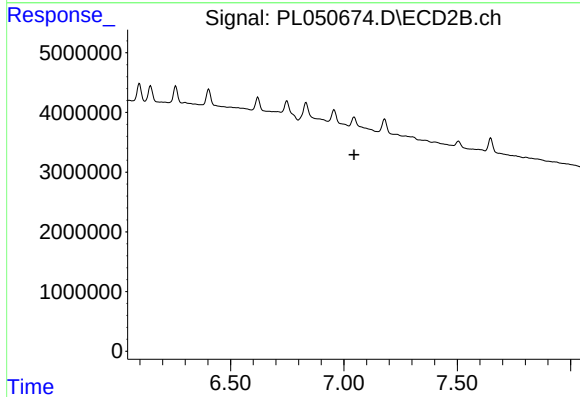
R.T.: 0.000 min
Exp R.T.: 6.749 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

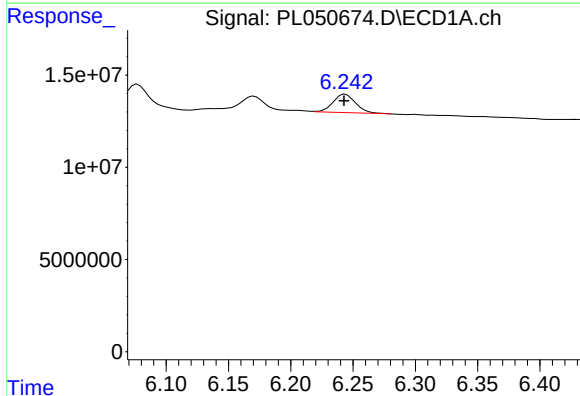
R.T.: 6.171 min
Delta R.T.: 0.001 min
Response: 10775035
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



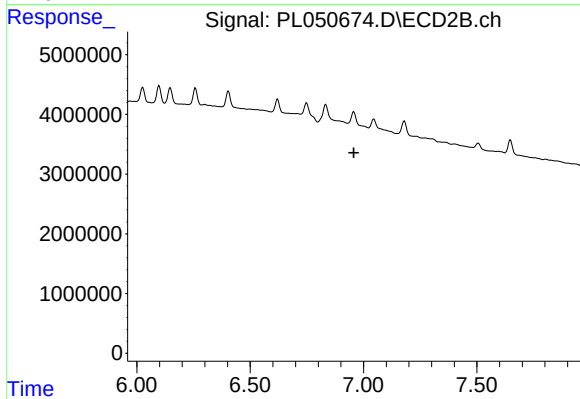
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



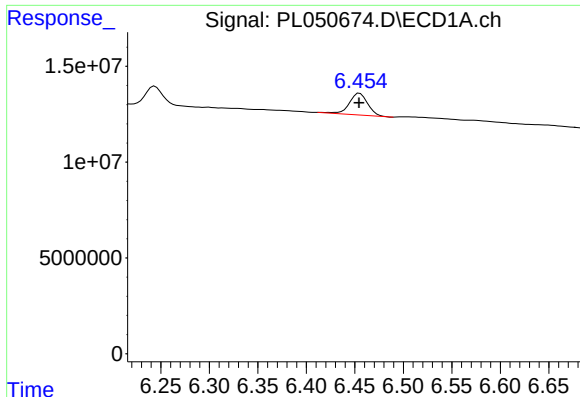
#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.001 min
Response: 12451147
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

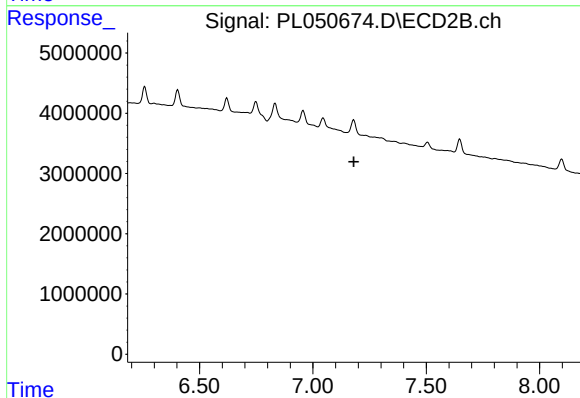
R.T.: 6.455 min

Delta R.T.: 0.000 min

Response: 15092446

Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



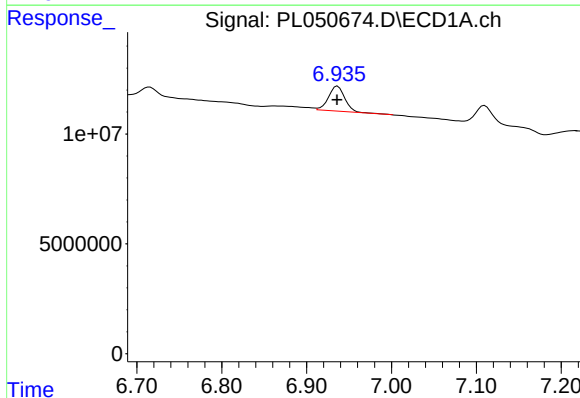
#19 Endosulfan Sulfate

R.T.: 0.000 min

Exp R.T. : 7.180 min

Response: 0

Conc: N.D.



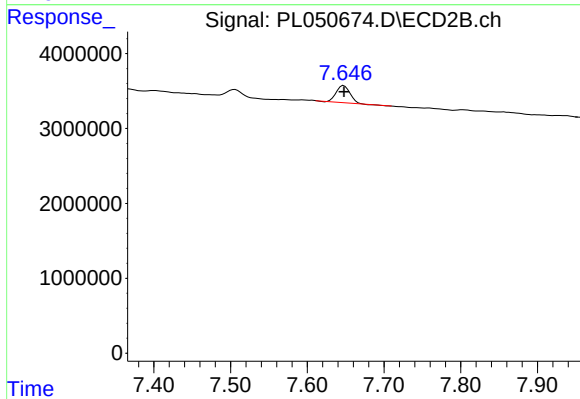
#21 Endrin ketone

R.T.: 6.937 min

Delta R.T.: 0.000 min

Response: 15050472

Conc: 1.10 ng/ml



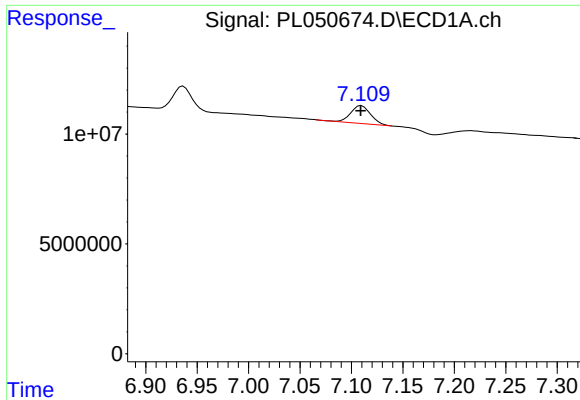
#21 Endrin ketone

R.T.: 7.647 min

Delta R.T.: 0.000 min

Response: 2762536

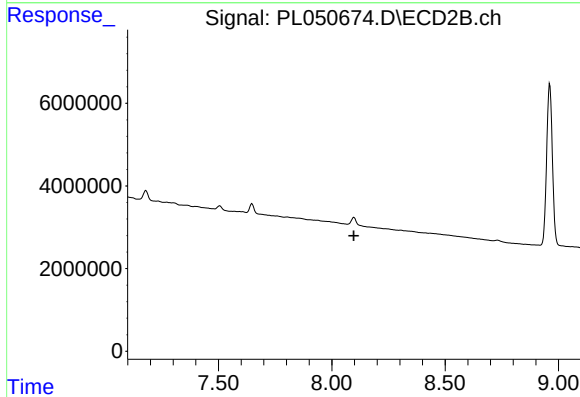
Conc: 0.96 ng/ml



#22 Mirex

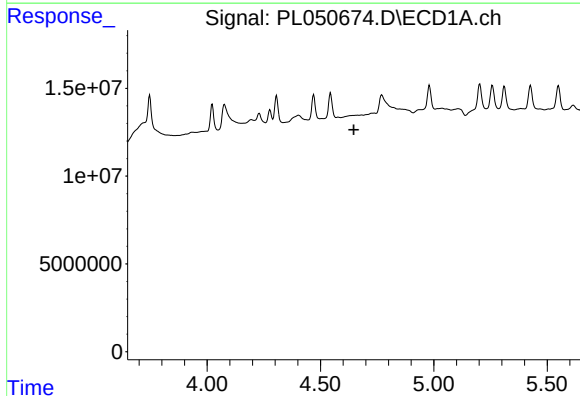
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 10695946
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



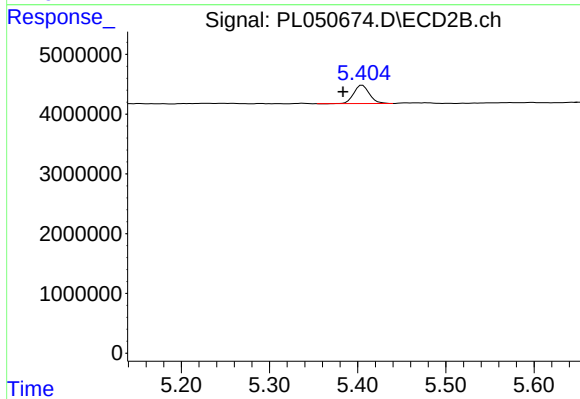
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.097 min
Response: 0
Conc: N.D.



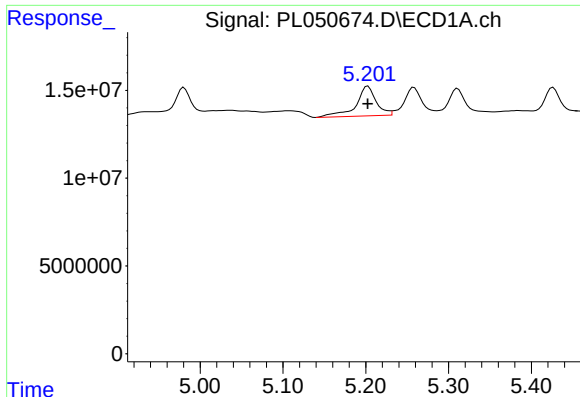
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#24 Chlordane-2

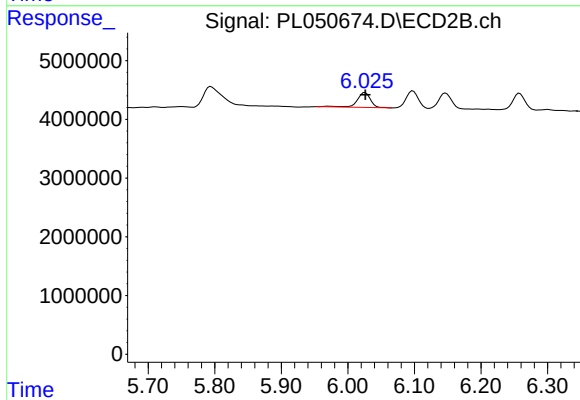
R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 3807938
Conc: 32.42 ng/ml



#25 Chlordane-3

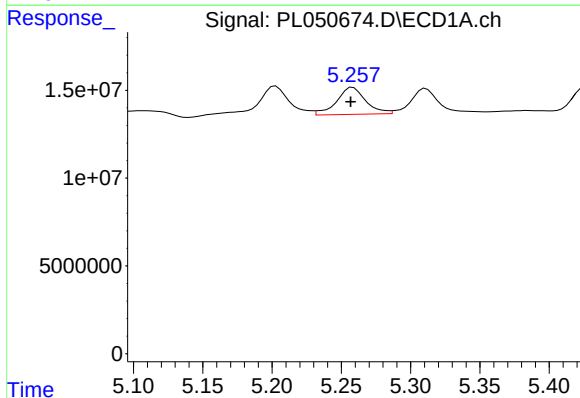
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 28521701
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



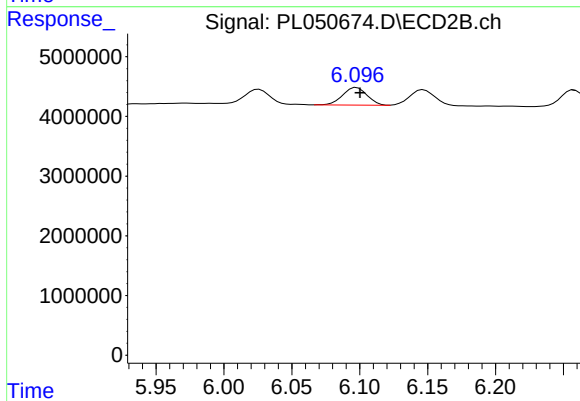
#25 Chlordane-3

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3519102
Conc: 7.32 ng/ml



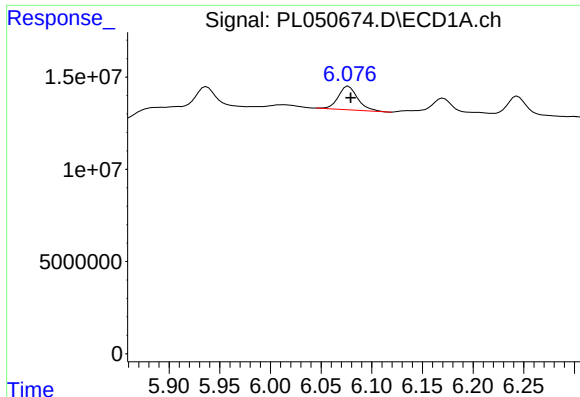
#26 Chlordane-4

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 22473069
Conc: 17.04 ng/ml



#26 Chlordane-4

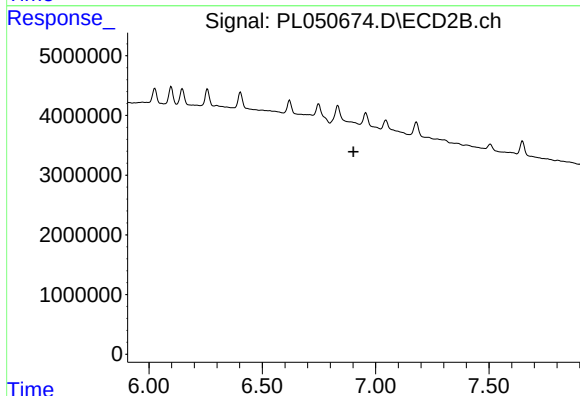
R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 3697772
Conc: 6.37 ng/ml



#27 Chlordane-5

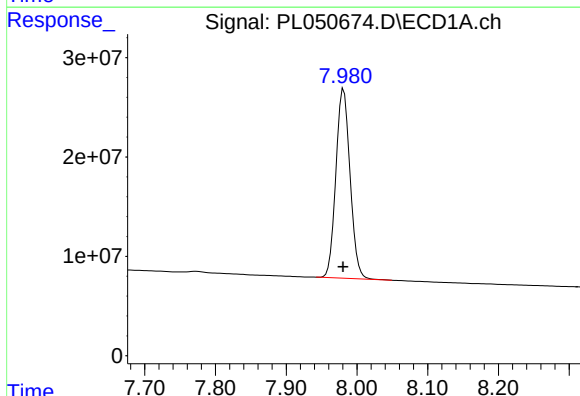
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 17018503
Conc: 33.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019



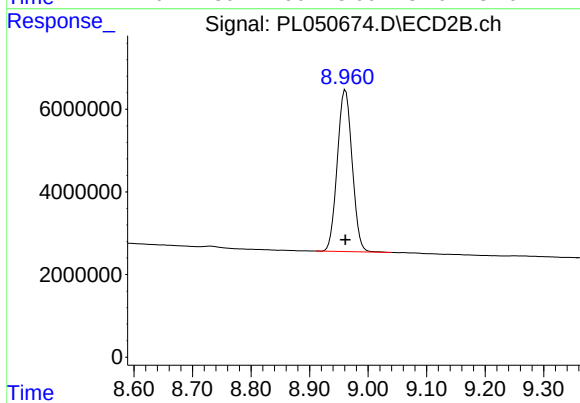
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 265258616
Conc: 26.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 68980075
Conc: 24.39 ng/ml