

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091025\  
 Data File : PL097106.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 13:03  
 Operator : AR\AJ  
 Sample : Q2893-03  
 Misc : PEST MDL 1PPB  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 10 07:57:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 10 07:56:06 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... | 3.528  | 2.822 | 69945591 | 101.5E6  | 17.735 | 18.006   |
| 28)                         | SA Decachlor... | 9.003  | 7.983 | 57864333 | 99848872 | 19.544 | 20.820   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.974  | 3.327 | 4964590  | 7461992  | 0.857  | 0.909    |
| 3)                          | MA gamma-BHC... | 4.302  | 3.659 | 5513447  | 6983143  | 1.009  | 0.948    |
| 4)                          | MA Heptachlor   | 4.894  | 4.007 | 5979335  | 7557162  | 1.121  | 1.004    |
| 5)                          | MB Aldrin       | 5.233  | 4.289 | 5246655  | 6730314  | 0.999  | 0.957    |
| 7)                          | B delta-BHC     | 4.735  | 4.188 | 6183546  | 6879056  | 1.374  | 0.936 #  |
| 8)                          | B Heptachlo...  | 5.652  | 4.791 | 7819306  | 7911023  | 1.520  | 1.251    |
| 9)                          | A Endosulfan I  | 6.034  | 5.161 | 4943056  | 6530662  | 1.150  | 1.090    |
| 10)                         | B gamma-Chl...  | 5.906  | 5.043 | 4631970  | 6308927  | 1.006  | 0.954    |
| 11)                         | B alpha-Chl...  | 5.987  | 5.107 | 5247825  | 6907927  | 1.115  | 1.058    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.295 | 0        | 6061573  | N.D.   | 0.985 #  |
| 13)                         | MA Dieldrin     | 6.306  | 5.426 | 4375293  | 6637903  | 0.964  | 1.013    |
| 14)                         | MA Endrin       | 0.000  | 5.702 | 0        | 5970789  | N.D.   | 1.011 #  |
| 15)                         | B Endosulfa...  | 0.000  | 5.993 | 0        | 6300227  | N.D.   | 1.102 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.848 | 0        | 5613704  | N.D.   | 1.075 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.102 | 0        | 4778409  | N.D.   | 0.872 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.394 | 0        | 6013931  | N.D.   | 1.073 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.898 | 0        | 8897764  | N.D.   | 1.422 #  |
| 22)                         | Mirex           | 0.000  | 7.089 | 0        | 6044689  | N.D.   | 1.245 #  |
| 24)                         | Chlordane-2     | 5.233f | 0.000 | 5246655  | 0        | 28.800 | N.D. #   |
| 25)                         | Chlordane-3     | 5.906  | 5.043 | 4631970  | 6308927  | 7.365  | 10.009 # |
| 26)                         | Chlordane-4     | 5.987  | 5.107 | 5247825  | 6907927  | 6.452  | 12.387 # |
| 27)                         | Chlordane-5     | 0.000  | 5.993 | 0        | 6300227  | N.D.   | 27.961 # |
| -----                       |                 |        |       |          |          |        |          |

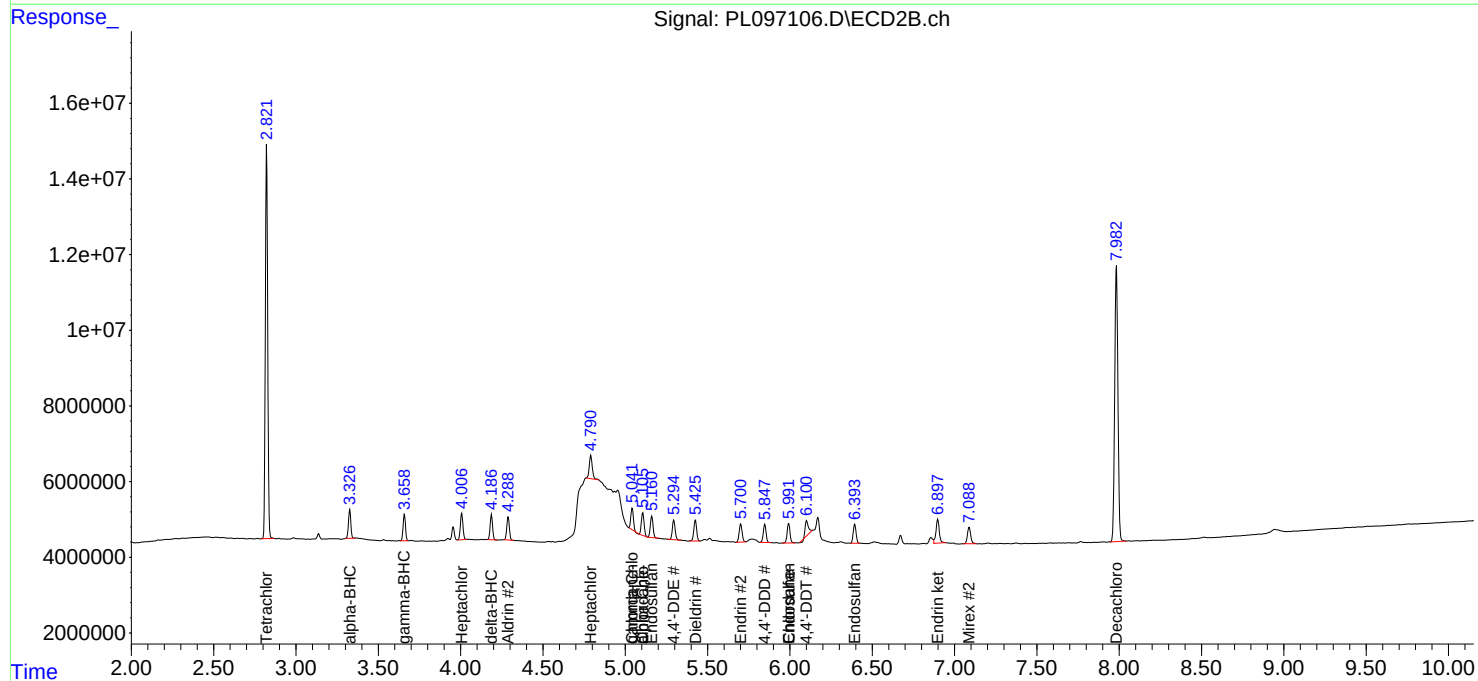
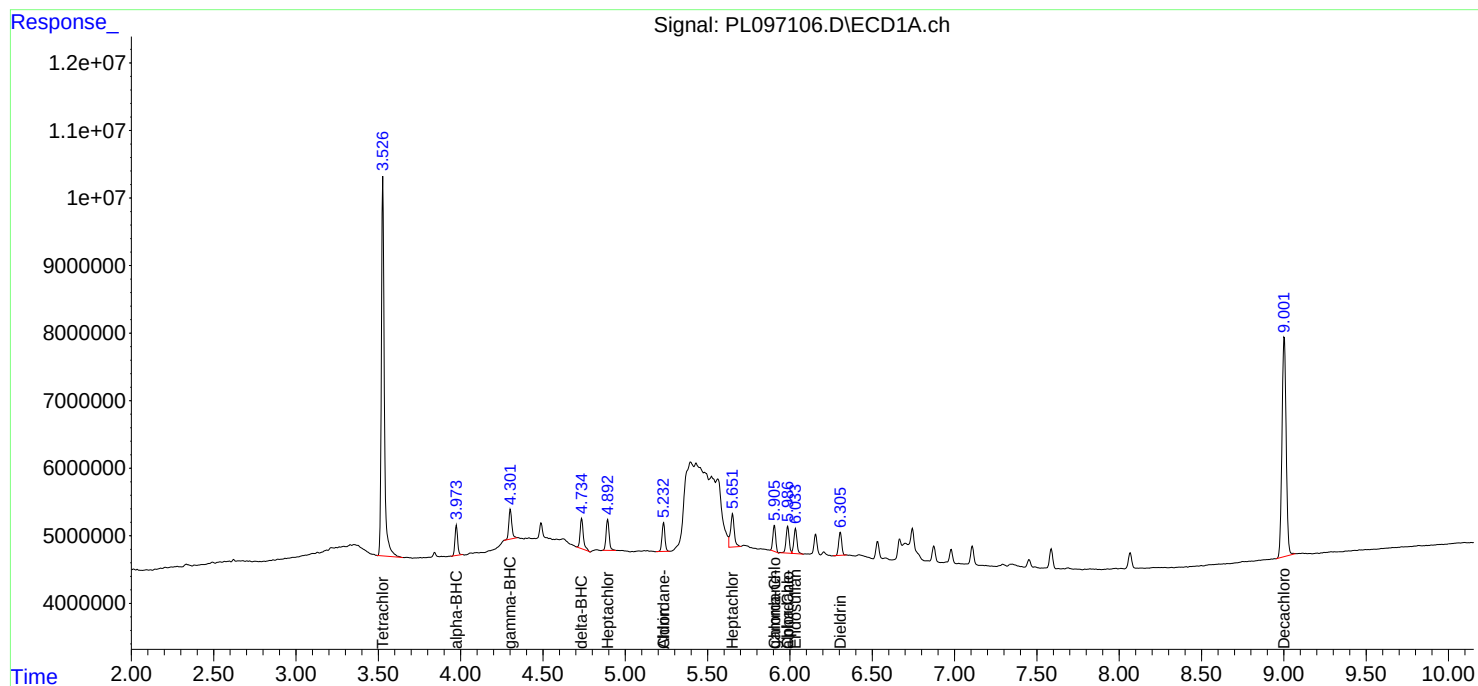
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

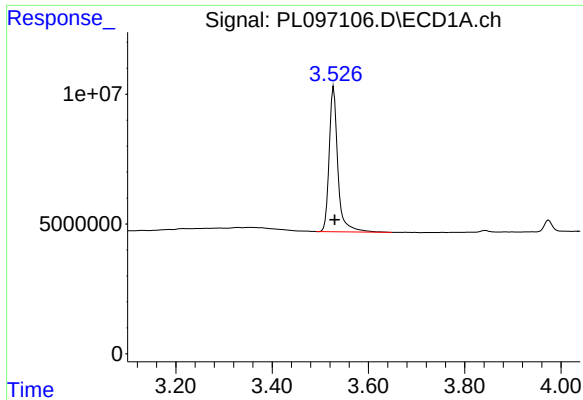
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091025\  
Data File : PL097106.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 13:03  
Operator : AR\AJ  
Sample : Q2893-03  
Misc : PEST MDL 1PPB  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 10 07:57:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 10 07:56:06 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

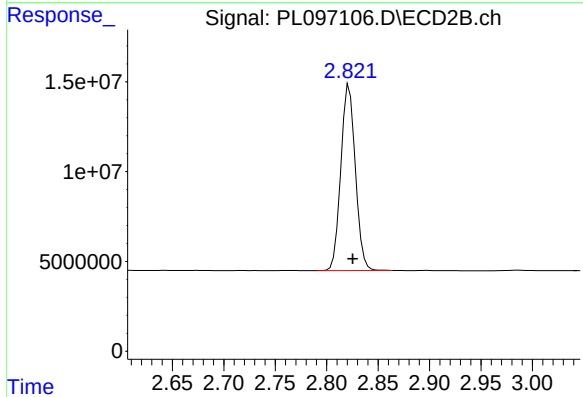




#1 Tetrachloro-m-xylene

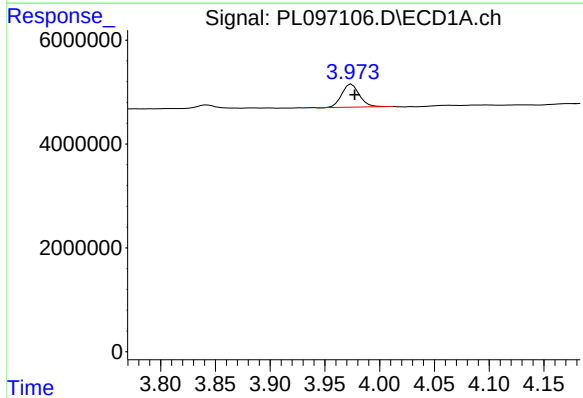
R.T.: 3.528 min  
Delta R.T.: -0.002 min  
Response: 69945591  
Conc: 17.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



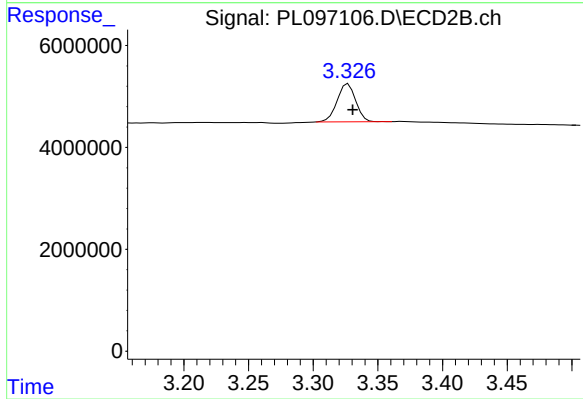
#1 Tetrachloro-m-xylene

R.T.: 2.822 min  
Delta R.T.: -0.003 min  
Response: 101491616  
Conc: 18.01 ng/ml



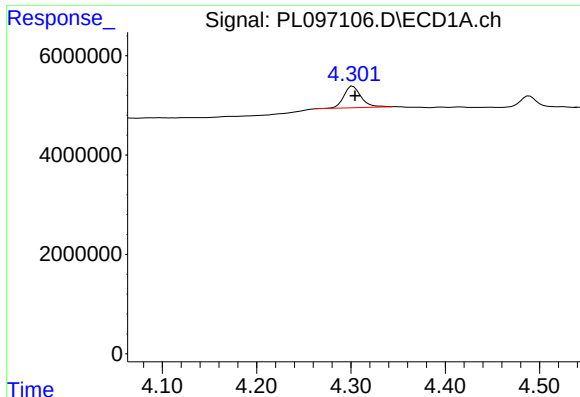
#2 alpha-BHC

R.T.: 3.974 min  
Delta R.T.: -0.003 min  
Response: 4964590  
Conc: 0.86 ng/ml



#2 alpha-BHC

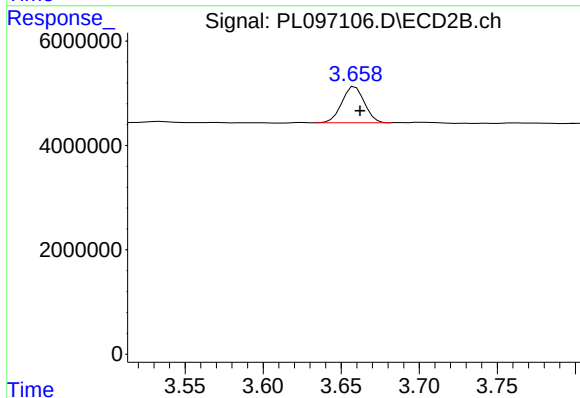
R.T.: 3.327 min  
Delta R.T.: -0.003 min  
Response: 7461992  
Conc: 0.91 ng/ml



#3 gamma-BHC (Lindane)

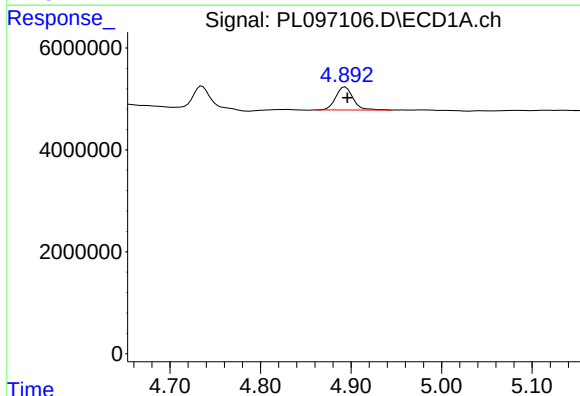
R.T.: 4.302 min  
Delta R.T.: -0.002 min  
Response: 5513447  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



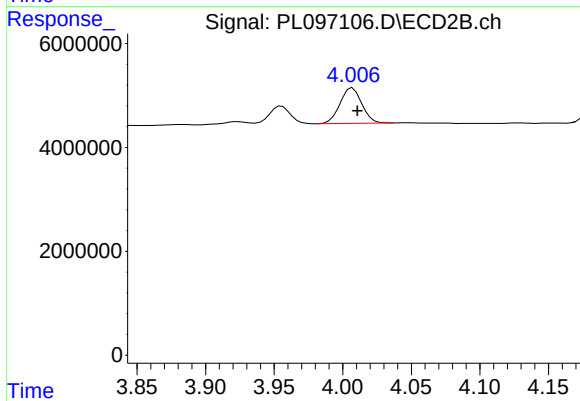
#3 gamma-BHC (Lindane)

R.T.: 3.659 min  
Delta R.T.: -0.003 min  
Response: 6983143  
Conc: 0.95 ng/ml



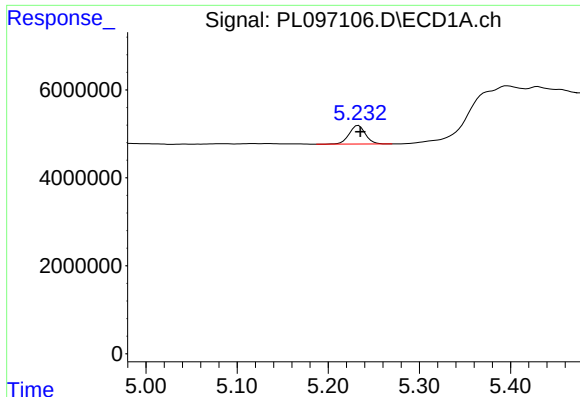
#4 Heptachlor

R.T.: 4.894 min  
Delta R.T.: -0.002 min  
Response: 5979335  
Conc: 1.12 ng/ml



#4 Heptachlor

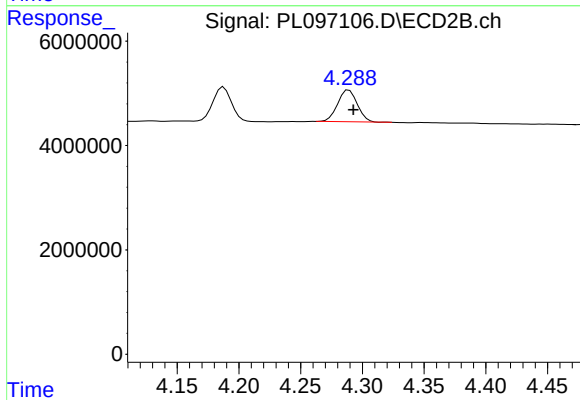
R.T.: 4.007 min  
Delta R.T.: -0.003 min  
Response: 7557162  
Conc: 1.00 ng/ml



#5 Aldrin

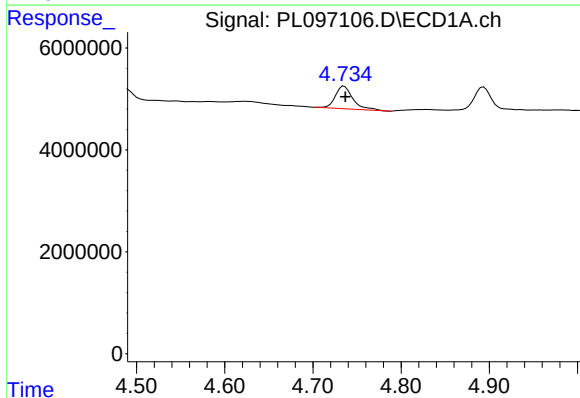
R.T.: 5.233 min  
Delta R.T.: -0.002 min  
Response: 5246655  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



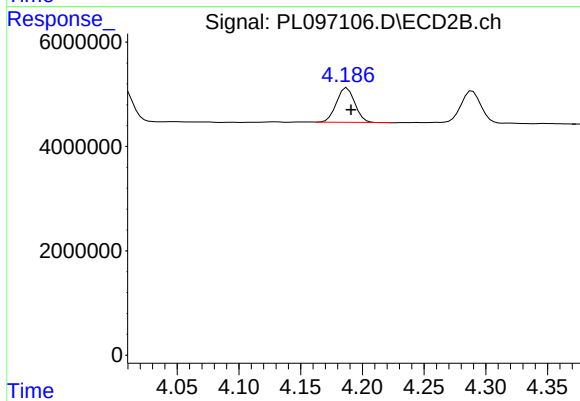
#5 Aldrin

R.T.: 4.289 min  
Delta R.T.: -0.004 min  
Response: 6730314  
Conc: 0.96 ng/ml



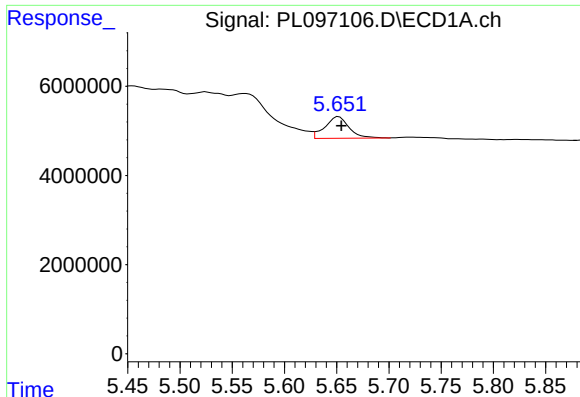
#7 delta-BHC

R.T.: 4.735 min  
Delta R.T.: -0.001 min  
Response: 6183546  
Conc: 1.37 ng/ml



#7 delta-BHC

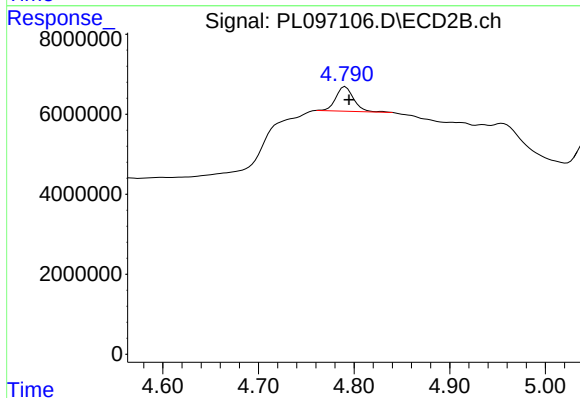
R.T.: 4.188 min  
Delta R.T.: -0.003 min  
Response: 6879056  
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

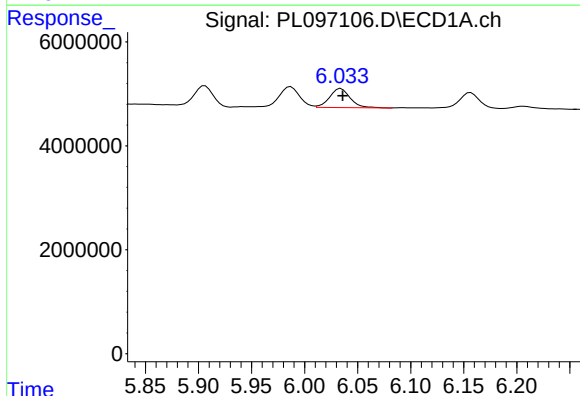
R.T.: 5.652 min  
Delta R.T.: -0.003 min  
Response: 7819306  
Conc: 1.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



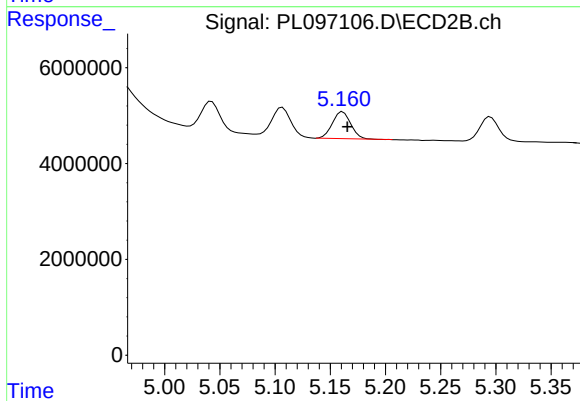
#8 Heptachlor epoxide

R.T.: 4.791 min  
Delta R.T.: -0.004 min  
Response: 7911023  
Conc: 1.25 ng/ml



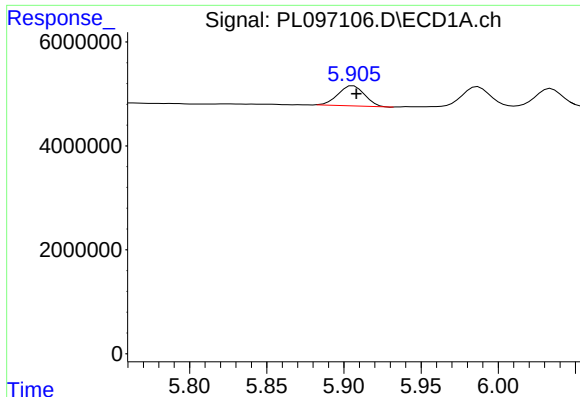
#9 Endosulfan I

R.T.: 6.034 min  
Delta R.T.: -0.002 min  
Response: 4943056  
Conc: 1.15 ng/ml



#9 Endosulfan I

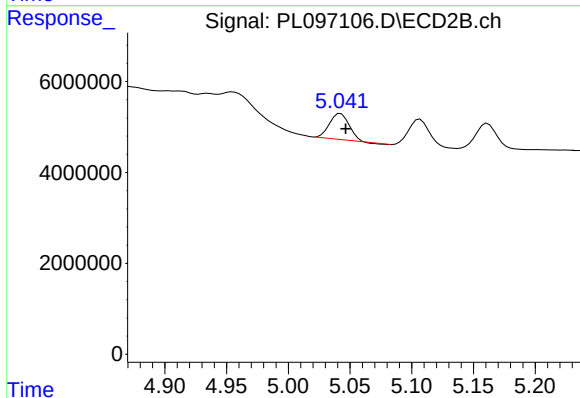
R.T.: 5.161 min  
Delta R.T.: -0.004 min  
Response: 6530662  
Conc: 1.09 ng/ml



#10 gamma-Chlordane

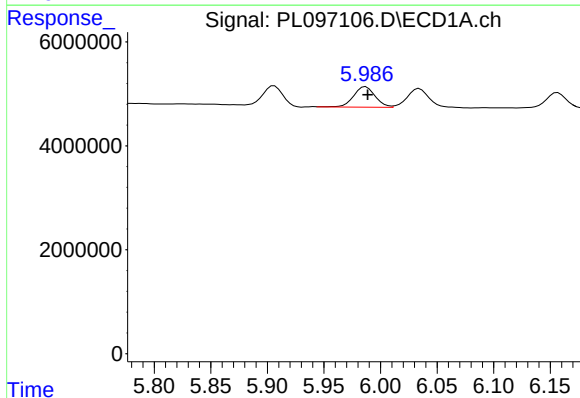
R.T.: 5.906 min  
Delta R.T.: -0.002 min  
Response: 4631970  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



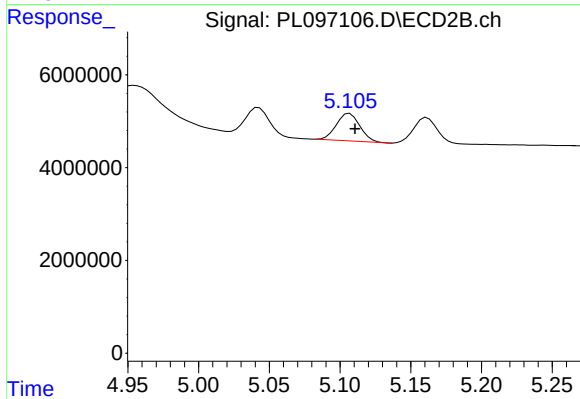
#10 gamma-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.004 min  
Response: 6308927  
Conc: 0.95 ng/ml



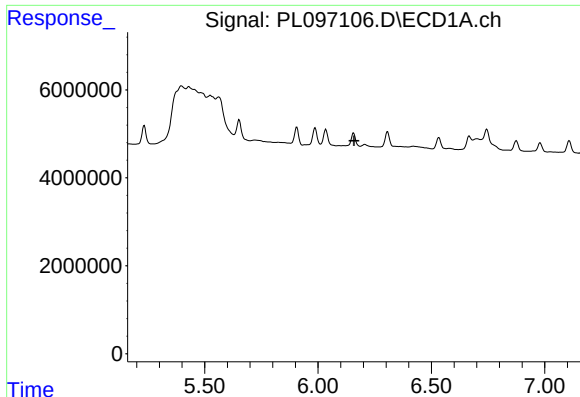
#11 alpha-Chlordane

R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 5247825  
Conc: 1.12 ng/ml



#11 alpha-Chlordane

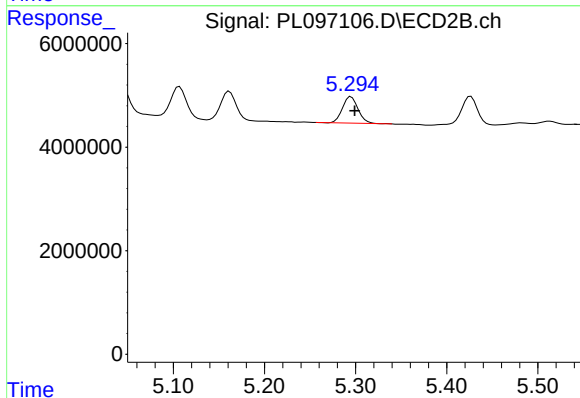
R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 6907927  
Conc: 1.06 ng/ml



#12 4,4'-DDE

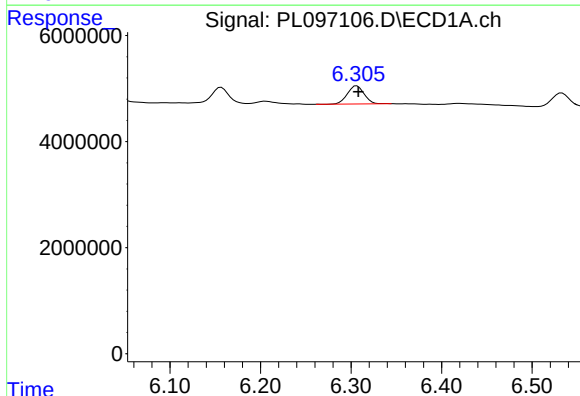
R.T.: 0.000 min  
Exp R.T.: 6.159 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



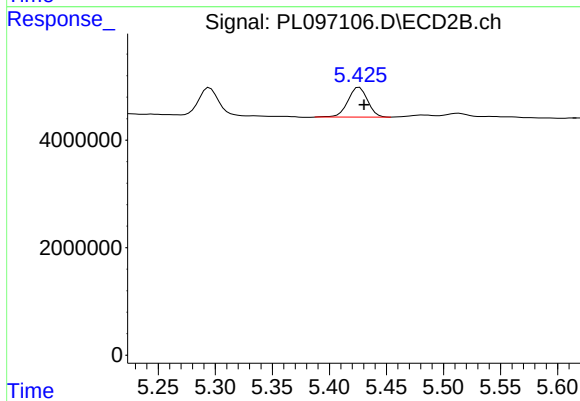
#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: -0.004 min  
Response: 6061573  
Conc: 0.98 ng/ml



#13 Dieldrin

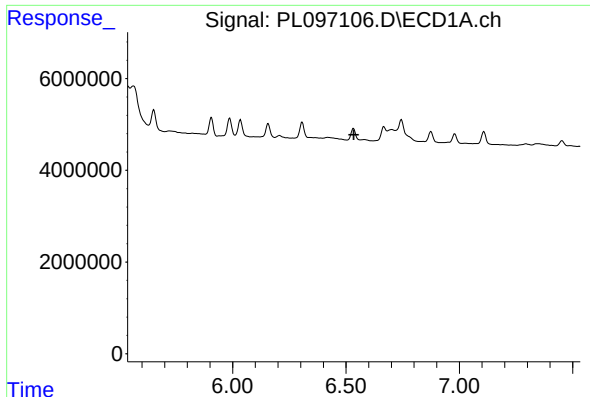
R.T.: 6.306 min  
Delta R.T.: -0.002 min  
Response: 4375293  
Conc: 0.96 ng/ml



#13 Dieldrin

R.T.: 5.426 min  
Delta R.T.: -0.004 min  
Response: 6637903  
Conc: 1.01 ng/ml

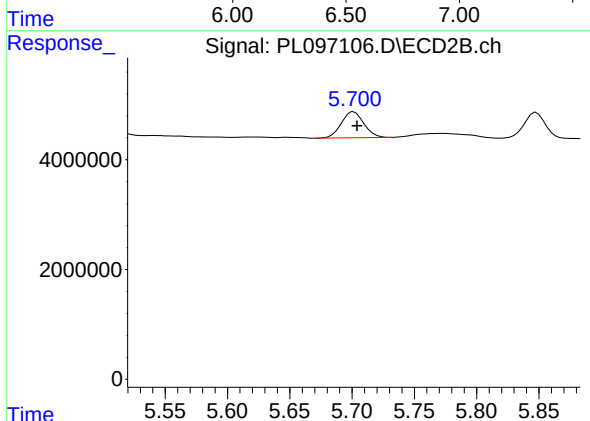




#14 Endrin

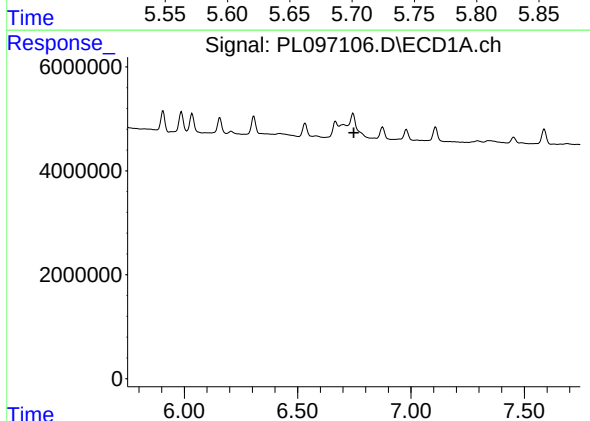
R.T.: 0.000 min  
Exp R.T.: 6.534 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



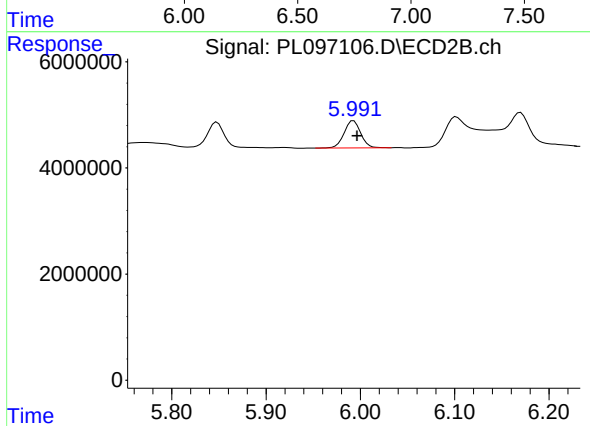
#14 Endrin

R.T.: 5.702 min  
Delta R.T.: -0.003 min  
Response: 5970789  
Conc: 1.01 ng/ml



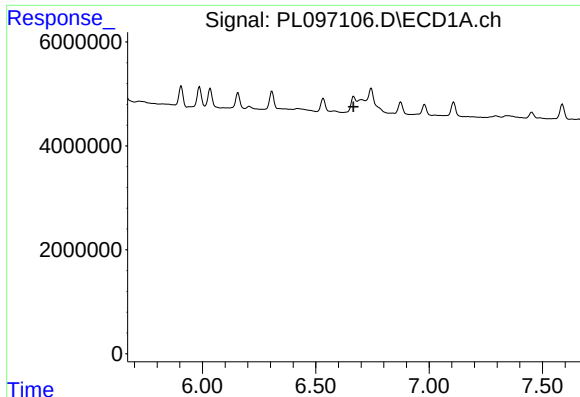
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.748 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

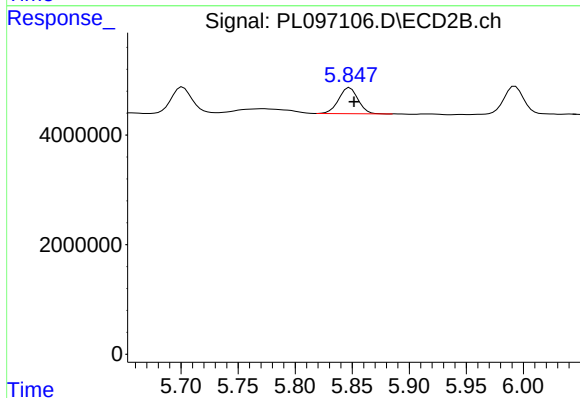
R.T.: 5.993 min  
Delta R.T.: -0.003 min  
Response: 6300227  
Conc: 1.10 ng/ml



#16 4,4'-DDD

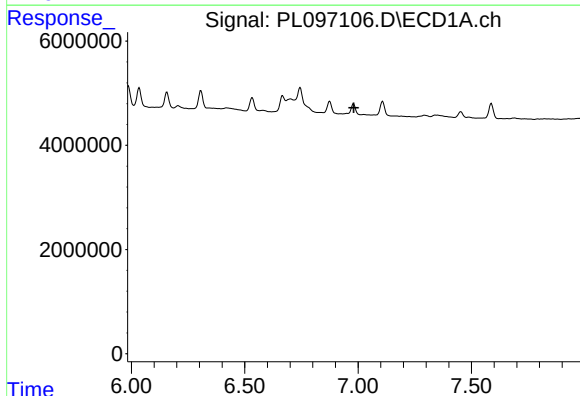
R.T.: 0.000 min  
Exp R.T.: 6.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



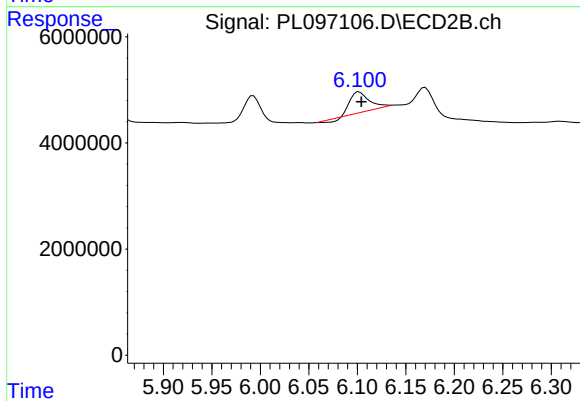
#16 4,4'-DDD

R.T.: 5.848 min  
Delta R.T.: -0.004 min  
Response: 5613704  
Conc: 1.07 ng/ml



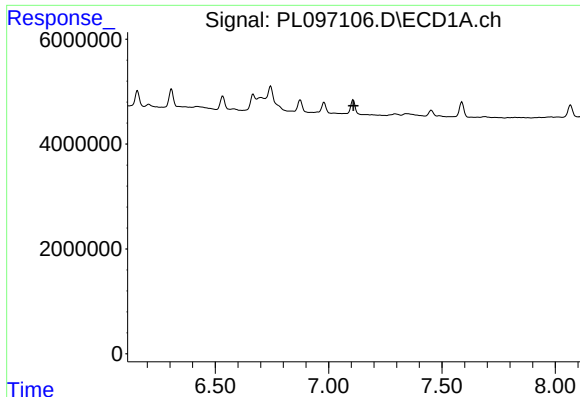
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.981 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

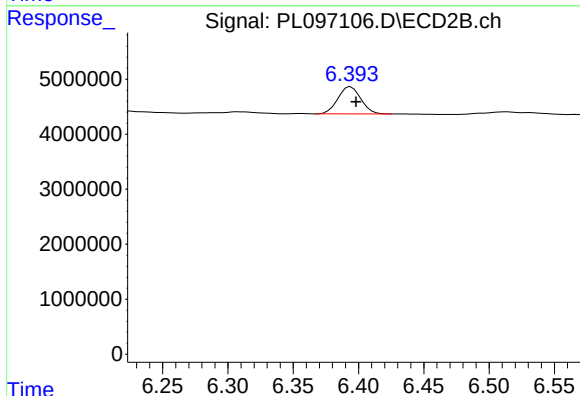
R.T.: 6.102 min  
Delta R.T.: -0.002 min  
Response: 4778409  
Conc: 0.87 ng/ml



#19 Endosulfan Sulfate

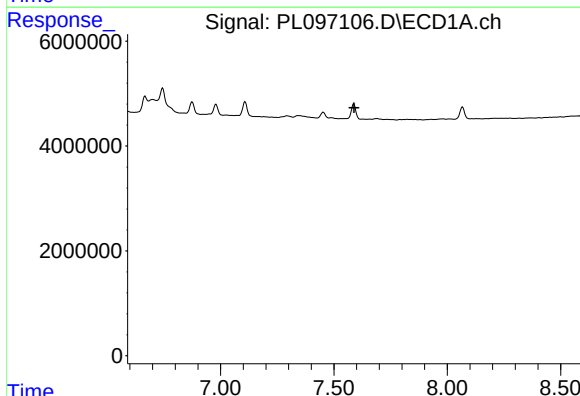
R.T.: 0.000 min  
Exp R.T.: 7.110 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



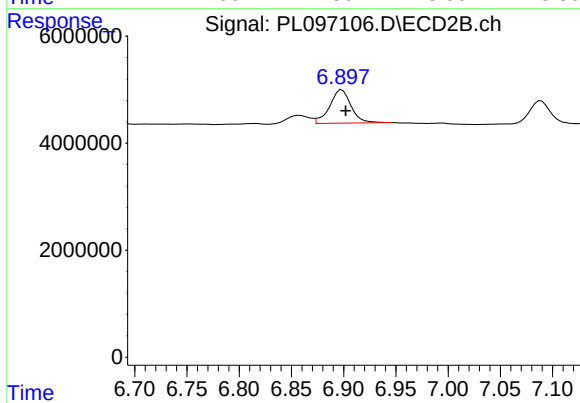
#19 Endosulfan Sulfate

R.T.: 6.394 min  
Delta R.T.: -0.004 min  
Response: 6013931  
Conc: 1.07 ng/ml



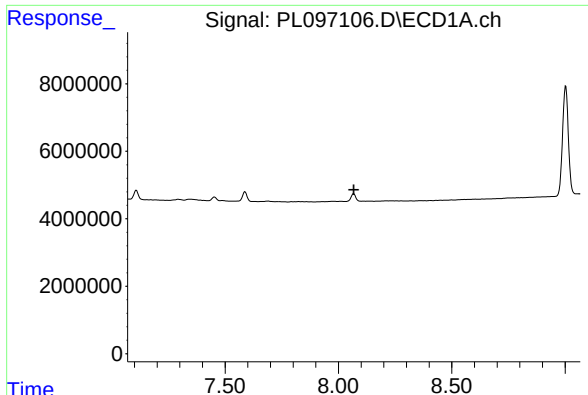
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.589 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

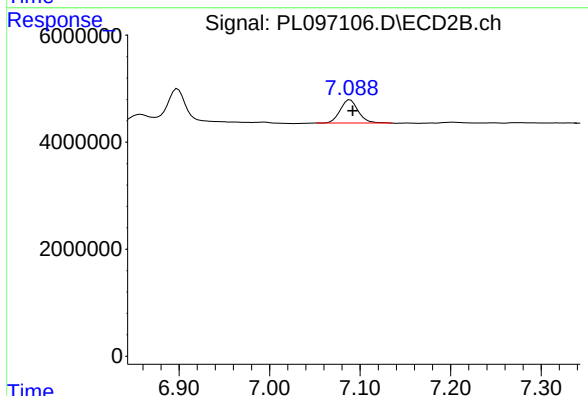
R.T.: 6.898 min  
Delta R.T.: -0.004 min  
Response: 8897764  
Conc: 1.42 ng/ml



#22 Mirex

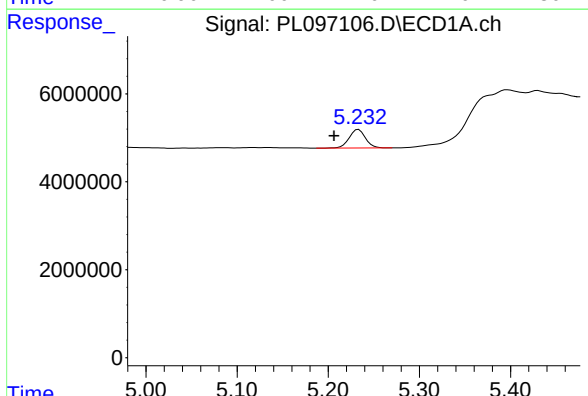
R.T.: 0.000 min  
Exp R.T.: 8.068 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



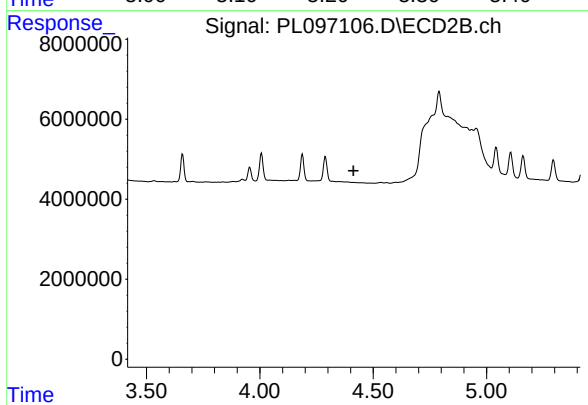
#22 Mirex

R.T.: 7.089 min  
Delta R.T.: -0.003 min  
Response: 6044689  
Conc: 1.24 ng/ml



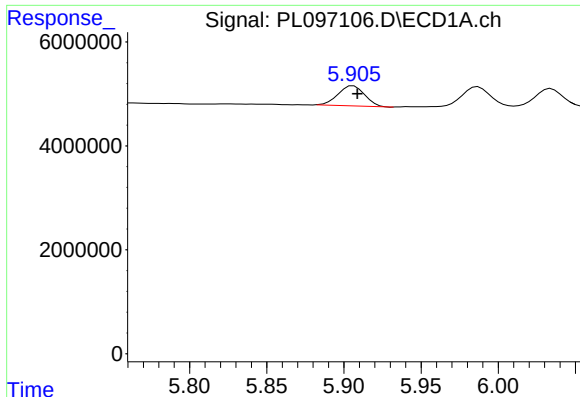
#24 Chlordane-2

R.T.: 5.233 min  
Delta R.T.: 0.027 min  
Response: 5246655  
Conc: 28.80 ng/ml



#24 Chlordane-2

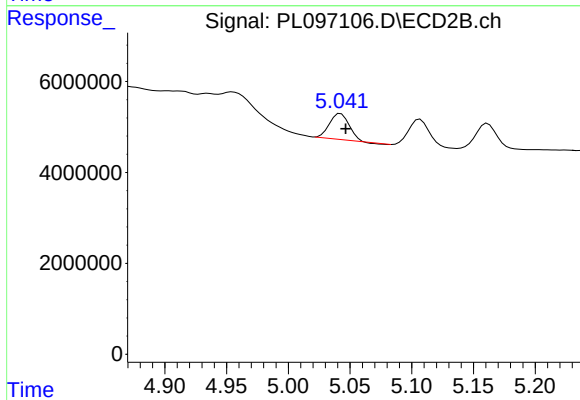
R.T.: 0.000 min  
Exp R.T.: 4.413 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

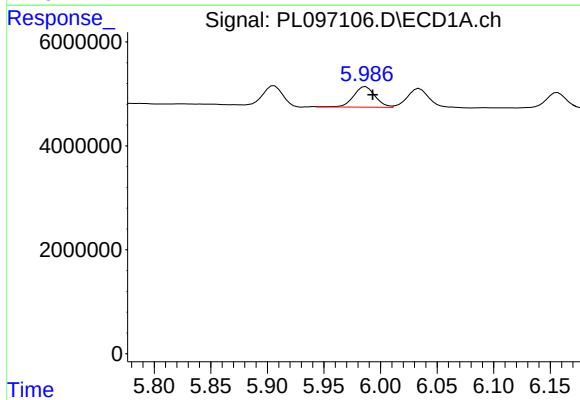
R.T.: 5.906 min  
Delta R.T.: -0.003 min  
Response: 4631970  
Conc: 7.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



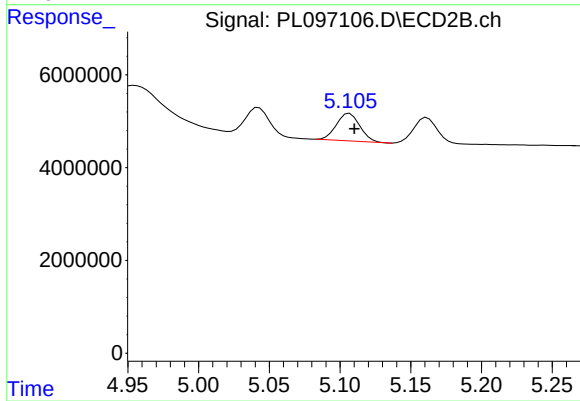
#25 Chlordane-3

R.T.: 5.043 min  
Delta R.T.: -0.004 min  
Response: 6308927  
Conc: 10.01 ng/ml



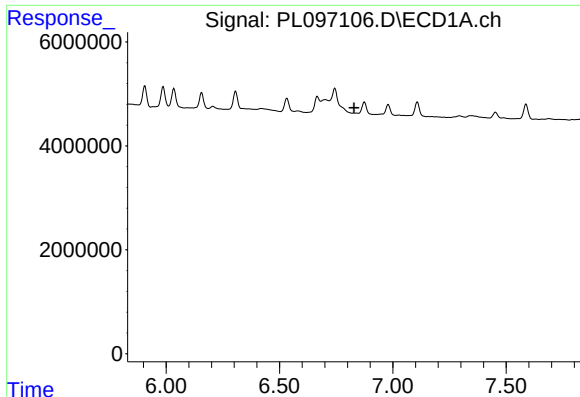
#26 Chlordane-4

R.T.: 5.987 min  
Delta R.T.: -0.006 min  
Response: 5247825  
Conc: 6.45 ng/ml



#26 Chlordane-4

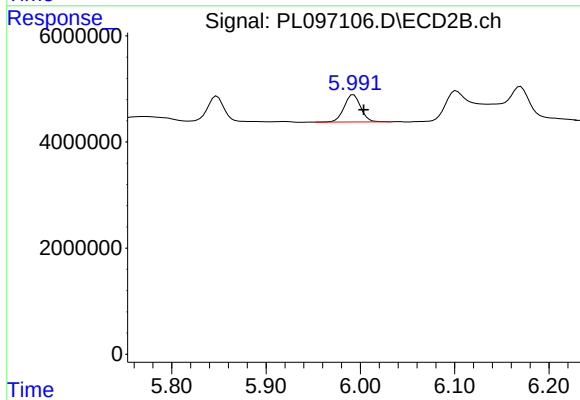
R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 6907927  
Conc: 12.39 ng/ml



#27 Chlordane-5

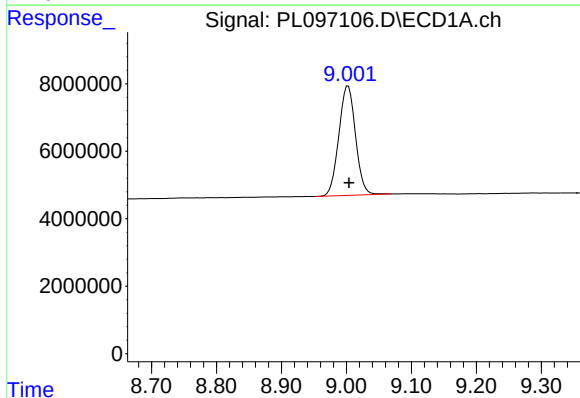
R.T.: 0.000 min  
Exp R.T.: 6.830 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-03-QT3-2025



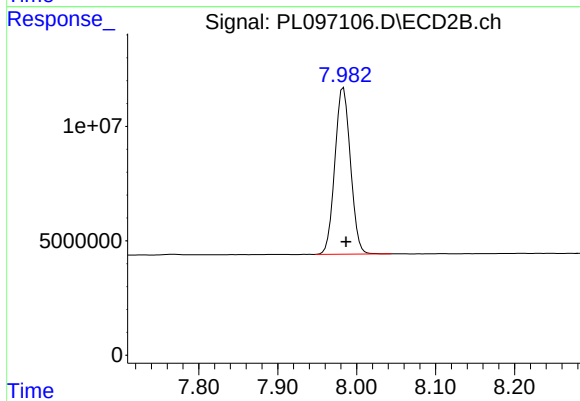
#27 Chlordane-5

R.T.: 5.993 min  
Delta R.T.: -0.011 min  
Response: 6300227  
Conc: 27.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.003 min  
Delta R.T.: -0.001 min  
Response: 57864333  
Conc: 19.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.983 min  
Delta R.T.: -0.003 min  
Response: 99848872  
Conc: 20.82 ng/ml