

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072219\  
 Data File : PL050676.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2019 11:56  
 Operator : SM\AJ  
 Sample : K3591-03  
 Misc : CHLOR MDL 25 PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-MDL-SOIL-03-QT3-2019

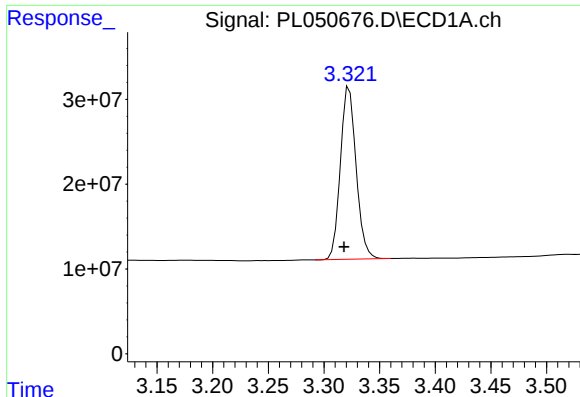
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 01:16:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 3.323 | 3.930  | 200.3E6  | 54859492 | 19.934 | 19.227  |
| 28)                         | SA Decachlor... | 7.985 | 8.964  | 229.1E6  | 60492764 | 22.631 | 21.391  |
| Target Compounds            |                 |       |        |          |          |        |         |
| 4)                          | MA Heptachlor   | 4.309 | 5.103  | 16067194 | 5756447  | 0.979  | 1.388 # |
| 5)                          | MB Aldrin       | 0.000 | 5.384f | 0        | 3637657  | N.D.   | 0.965 # |
| 6)                          | B beta-BHC      | 0.000 | 4.795f | 0        | 8022545  | N.D.   | 4.640 # |
| 8)                          | B Heptachlo...  | 0.000 | 5.809f | 0        | 2655660  | N.D.   | 0.694 # |
| 10)                         | B gamma-Chl...  | 5.206 | 6.028  | 40524251 | 11817915 | 2.568  | 3.198   |
| 11)                         | B alpha-Chl...  | 5.261 | 6.100  | 37499966 | 14250377 | 2.458  | 3.888 # |
| 15)                         | B Endosulfa...  | 6.084 | 0.000  | 15239709 | 0        | 1.089  | N.D. #  |
| 23)                         | Chlordane-1     | 4.162 | 4.915  | 10716849 | 3244856  | 29.126 | 29.909  |
| 24)                         | Chlordane-2     | 4.652 | 5.384  | 17097364 | 3637657  | 38.197 | 30.971  |
| 25)                         | Chlordane-3     | 5.206 | 6.028  | 40524251 | 11817915 | 28.950 | 24.570  |
| 26)                         | Chlordane-4     | 5.261 | 6.100  | 37499966 | 14250377 | 28.431 | 24.531  |
| 27)                         | Chlordane-5     | 6.084 | 0.000  | 15239709 | 0        | 30.003 | N.D. #  |
| -----                       |                 |       |        |          |          |        |         |

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

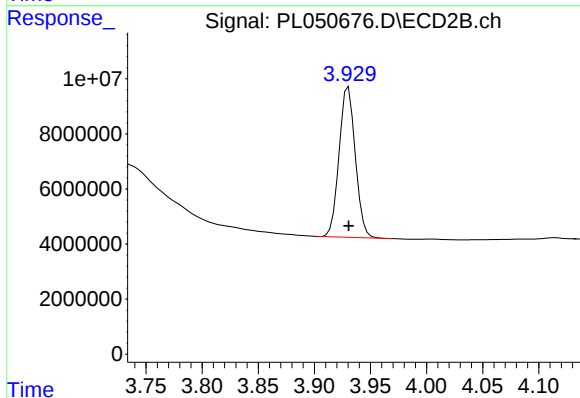




#1 Tetrachloro-m-xylene

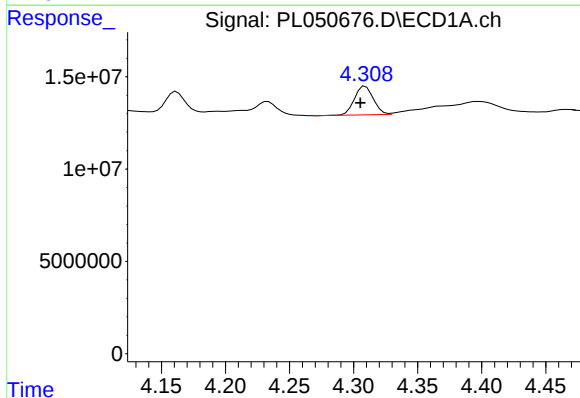
R.T.: 3.323 min  
Delta R.T.: 0.005 min  
Response: 200292807  
Conc: 19.93 ng/ml

Instrument :  
ECD\_L  
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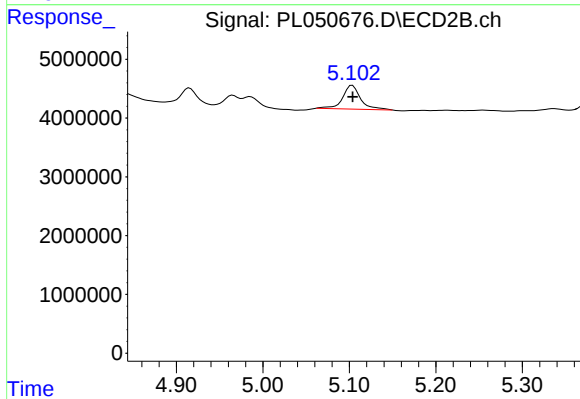
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 54859492  
Conc: 19.23 ng/ml



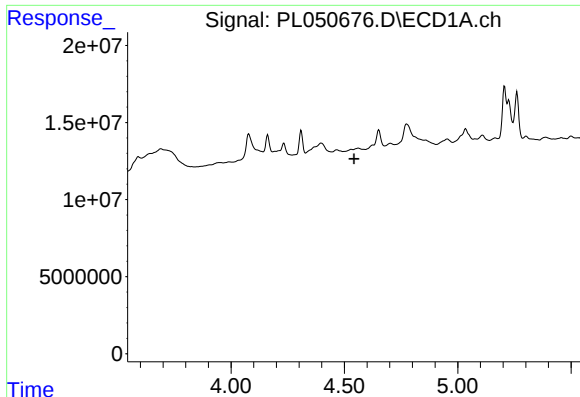
#4 Heptachlor

R.T.: 4.309 min  
Delta R.T.: 0.004 min  
Response: 16067194  
Conc: 0.98 ng/ml



#4 Heptachlor

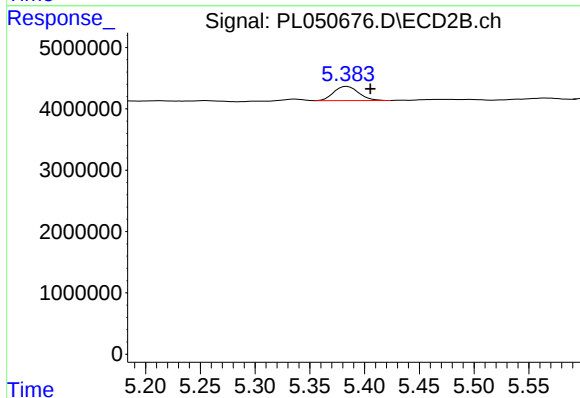
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 5756447  
Conc: 1.39 ng/ml



#5 Aldrin

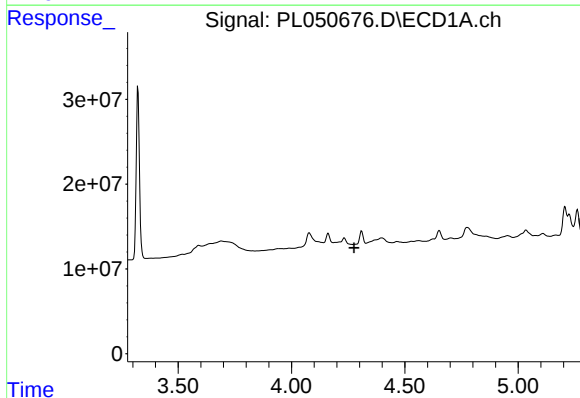
R.T.: 0.000 min  
Exp R.T.: 4.543 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



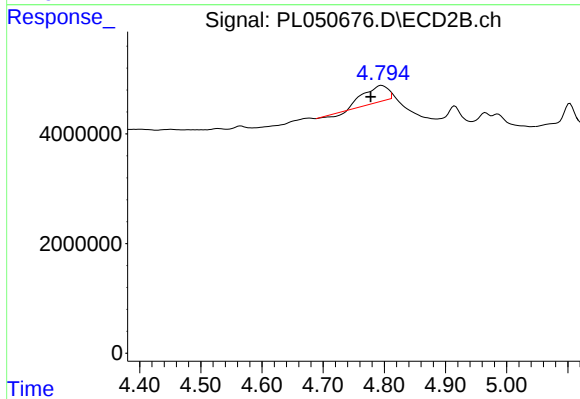
#5 Aldrin

R.T.: 5.384 min  
Delta R.T.: -0.021 min  
Response: 3637657  
Conc: 0.97 ng/ml



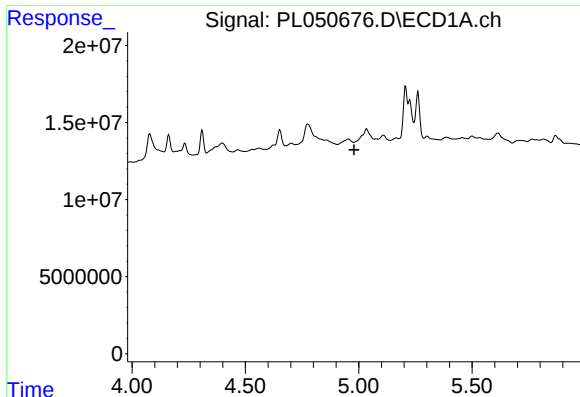
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.276 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

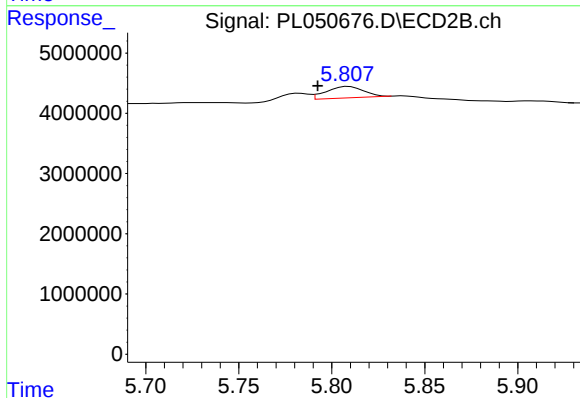
R.T.: 4.795 min  
Delta R.T.: 0.017 min  
Response: 8022545  
Conc: 4.64 ng/ml



#8 Heptachlor epoxide

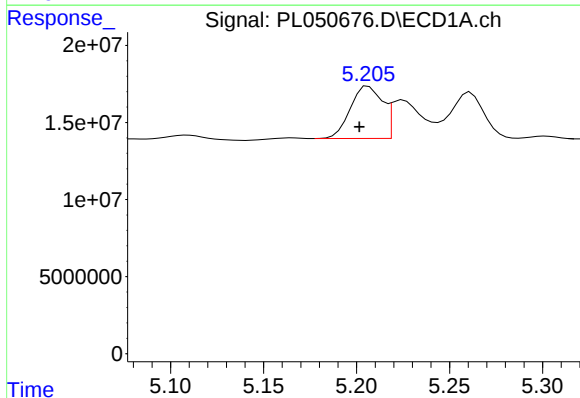
R.T.: 0.000 min  
Exp R.T.: 4.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



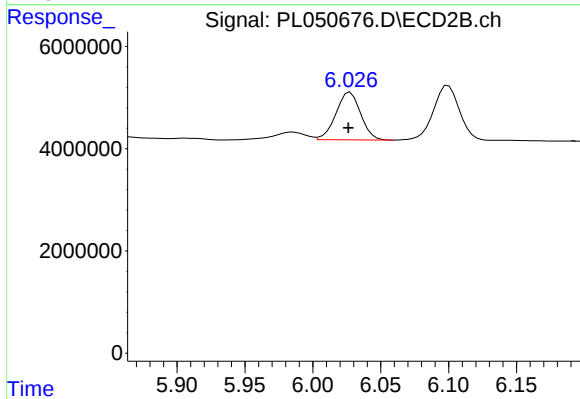
#8 Heptachlor epoxide

R.T.: 5.809 min  
Delta R.T.: 0.016 min  
Response: 2655660  
Conc: 0.69 ng/ml



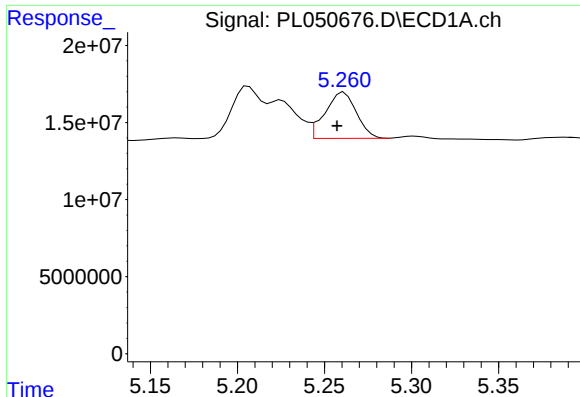
#10 gamma-Chlordane

R.T.: 5.206 min  
Delta R.T.: 0.005 min  
Response: 40524251  
Conc: 2.57 ng/ml



#10 gamma-Chlordane

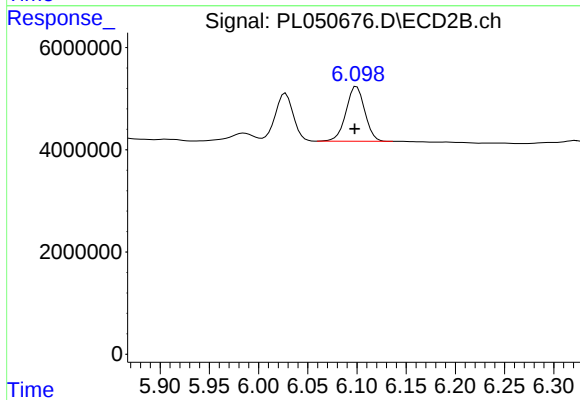
R.T.: 6.028 min  
Delta R.T.: 0.001 min  
Response: 11817915  
Conc: 3.20 ng/ml



#11 alpha-Chlordane

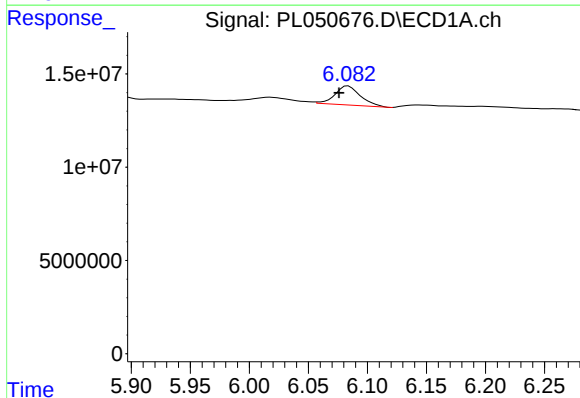
R.T.: 5.261 min  
Delta R.T.: 0.004 min  
Response: 37499966  
Conc: 2.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



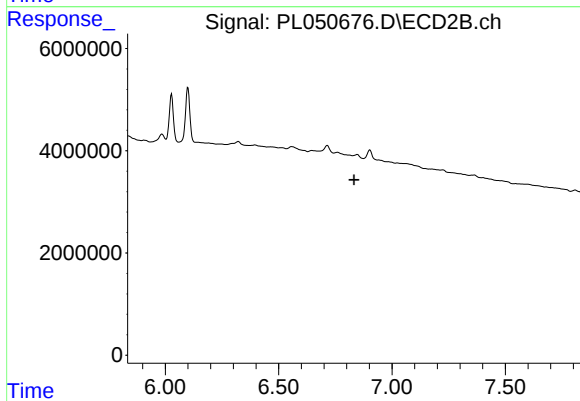
#11 alpha-Chlordane

R.T.: 6.100 min  
Delta R.T.: 0.002 min  
Response: 14250377  
Conc: 3.89 ng/ml



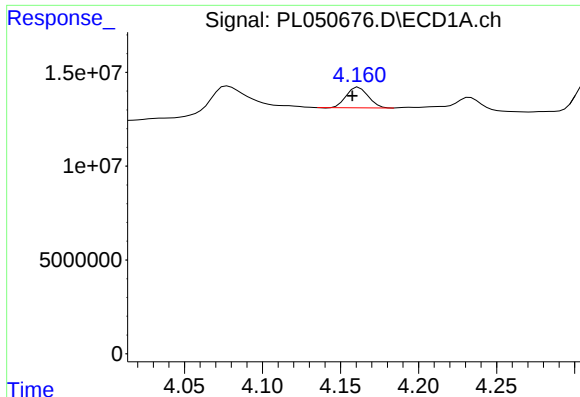
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: 0.008 min  
Response: 15239709  
Conc: 1.09 ng/ml



#15 Endosulfan II

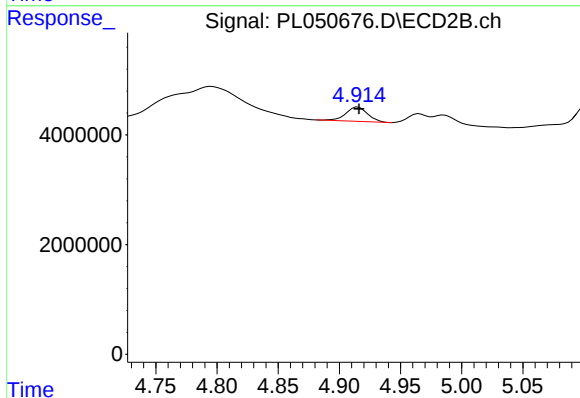
R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

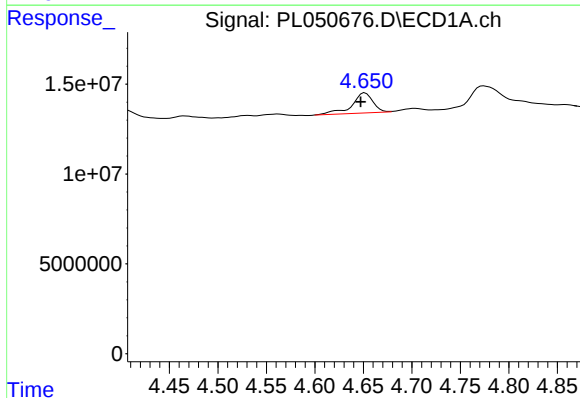
R.T.: 4.162 min  
Delta R.T.: 0.004 min  
Response: 10716849  
Conc: 29.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



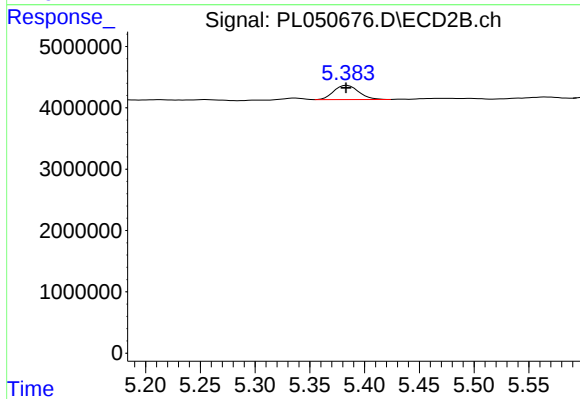
#23 Chlordane-1

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 3244856  
Conc: 29.91 ng/ml



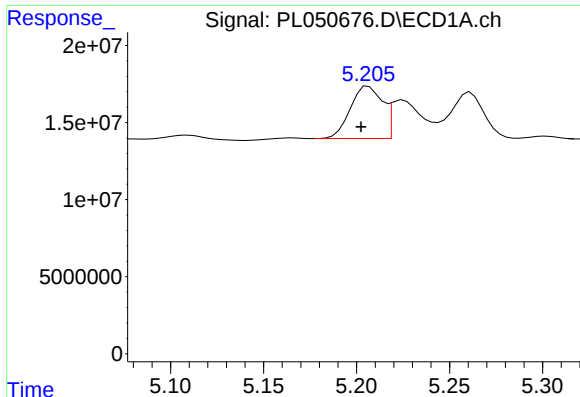
#24 Chlordane-2

R.T.: 4.652 min  
Delta R.T.: 0.004 min  
Response: 17097364  
Conc: 38.20 ng/ml



#24 Chlordane-2

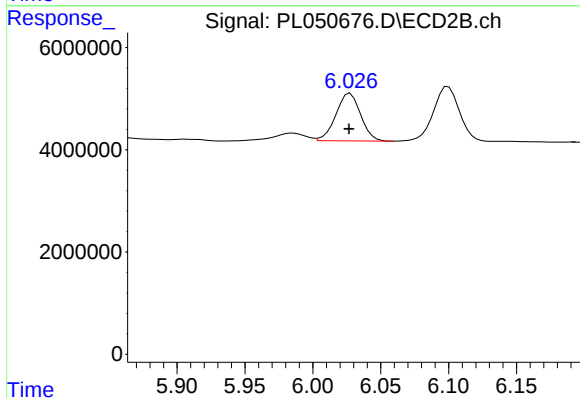
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 3637657  
Conc: 30.97 ng/ml



#25 Chlordane-3

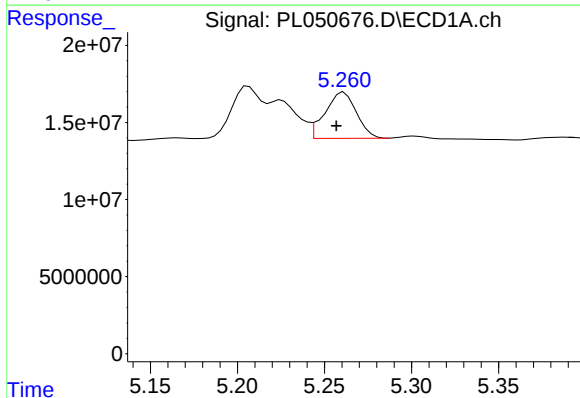
R.T.: 5.206 min  
Delta R.T.: 0.004 min  
Response: 40524251  
Conc: 28.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



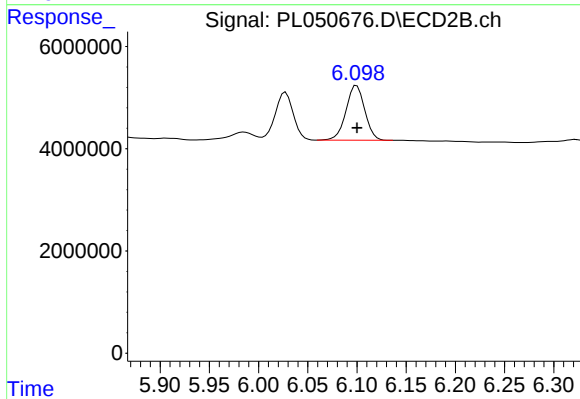
#25 Chlordane-3

R.T.: 6.028 min  
Delta R.T.: 0.001 min  
Response: 11817915  
Conc: 24.57 ng/ml



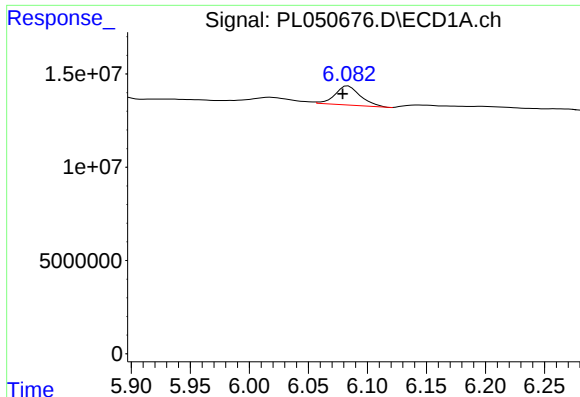
#26 Chlordane-4

R.T.: 5.261 min  
Delta R.T.: 0.004 min  
Response: 37499966  
Conc: 28.43 ng/ml



#26 Chlordane-4

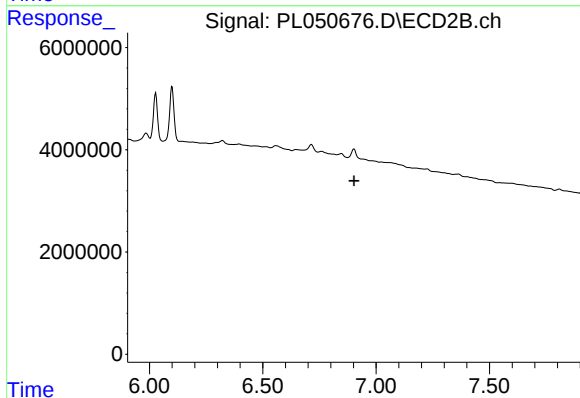
R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 14250377  
Conc: 24.53 ng/ml



#27 Chlordane-5

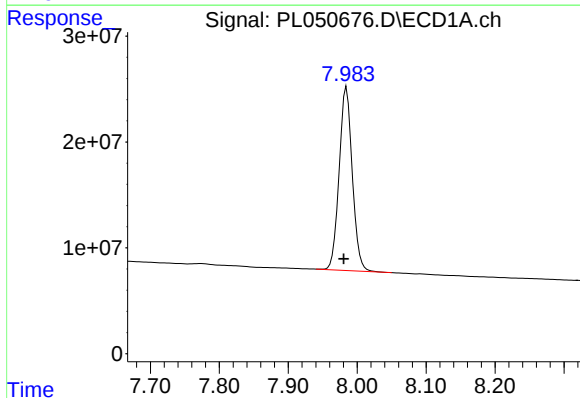
R.T.: 6.084 min  
Delta R.T.: 0.005 min  
Response: 15239709  
Conc: 30.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-MDL-SOIL-03-QT3-2019



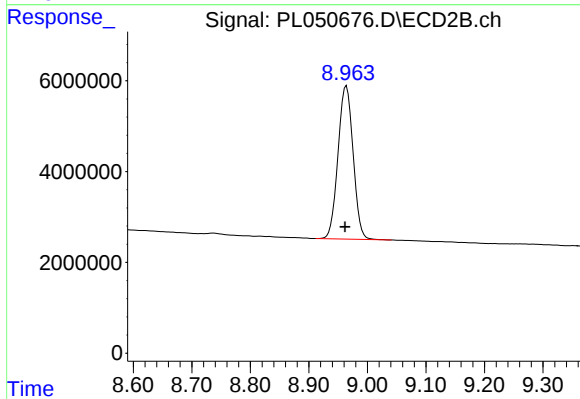
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 7.985 min  
Delta R.T.: 0.004 min  
Response: 229148771  
Conc: 22.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.964 min  
Delta R.T.: 0.002 min  
Response: 60492764  
Conc: 21.39 ng/ml