

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060621\  
 Data File : PL067128.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2021 22:28  
 Operator : AR\AJ  
 Sample : M2250-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-SOIL-QT3-2021-06

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 07:24:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060521CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 07 05:11:59 2021  
 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.015  | 4.899  | 10336117 | 18327743 | 19.837  | 20.837    |
| 27)                         | SA Decachlor... | 9.232  | 10.434 | 25660412 | 37254444 | 40.595  | 40.998    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.608f | 5.388  | 7670115  | 1048091  | 9.649   | 0.938 #   |
| 3)                          | MA gamma-BHC... | 4.926  | 5.731  | 1037221  | 1001107  | 1.447   | 0.923 #   |
| 4)                          | MA Heptachlor   | 5.278  | 6.314  | 743889   | 1118897  | 1.079   | 1.020     |
| 5)                          | MB Aldrin       | 5.559  | 6.652  | 663364   | 980034   | 1.020   | 1.042     |
| 6)                          | B beta-BHC      | 5.240  | 5.976f | 458155   | 14170966 | 1.278   | 19.659 #  |
| 7)                          | B delta-BHC     | 5.467  | 6.191  | 505785   | 891017   | 0.753   | 0.987 #   |
| 8)                          | B Heptachlor... | 6.064  | 7.083  | 717371   | 885344   | 1.137   | 1.054     |
| 9)                          | A Endosulfan I  | 6.430  | 7.468  | 697261   | 877418   | 1.133   | 1.056     |
| 10)                         | B trans-Chl...  | 6.315  | 7.336  | 725361   | 964341   | 1.107   | 1.066     |
| 11)                         | B cis-Chlor...  | 6.378  | 7.413  | 801265   | 976072   | 1.215   | 1.093     |
| 12)                         | B 4,4'-DDE      | 6.570  | 7.585  | 616160   | 785469   | 1.015   | 0.928     |
| 13)                         | MA Dieldrin     | 6.692  | 7.742  | 667320   | 841764   | 1.002   | 0.940     |
| 14)                         | MA Endrin       | 6.962  | 7.974  | 660269   | 619618   | 1.089   | 0.861     |
| 15)                         | B Endosulfa...  | 7.253  | 8.199  | 624489   | 942738   | 1.126   | 1.283     |
| 16)                         | A 4,4'-DDD      | 7.116  | 8.105  | 475663   | 423805   | 0.901   | 0.617 #   |
| 17)                         | MA 4,4'-DDT     | 7.366  | 8.415  | 394517   | 658022   | 0.732   | 0.945 #   |
| 18)                         | B Endrin al...  | 7.430  | 8.328  | 544500   | 665086   | 1.110   | 1.009     |
| 19)                         | B Endosulfa...  | 7.652  | 8.559  | 704660   | 814451   | 1.262   | 1.108     |
| 20)                         | A Methoxychlor  | 7.935  | 8.888  | 323469   | 414941   | 1.036   | 1.031     |
| 21)                         | B Endrin ke...  | 8.149  | 9.047  | 725983   | 904591   | 1.114   | 1.084     |
| 22)                         | Toxaphene-1     | 6.692  | 7.585  | 667320   | 785469   | 203.135 | 185.229   |
| 23)                         | Toxaphene-2     | 0.000  | 7.974  | 0        | 619618   | N.D.    | 129.936   |
| 24)                         | Toxaphene-3     | 7.253  | 8.415  | 624489   | 658022   | 59.016  | 102.790 # |
| 25)                         | Toxaphene-4     | 0.000  | 8.415  | 0        | 658022   | N.D.    | 52.396    |
| -----                       |                 |        |        |          |          |         |           |

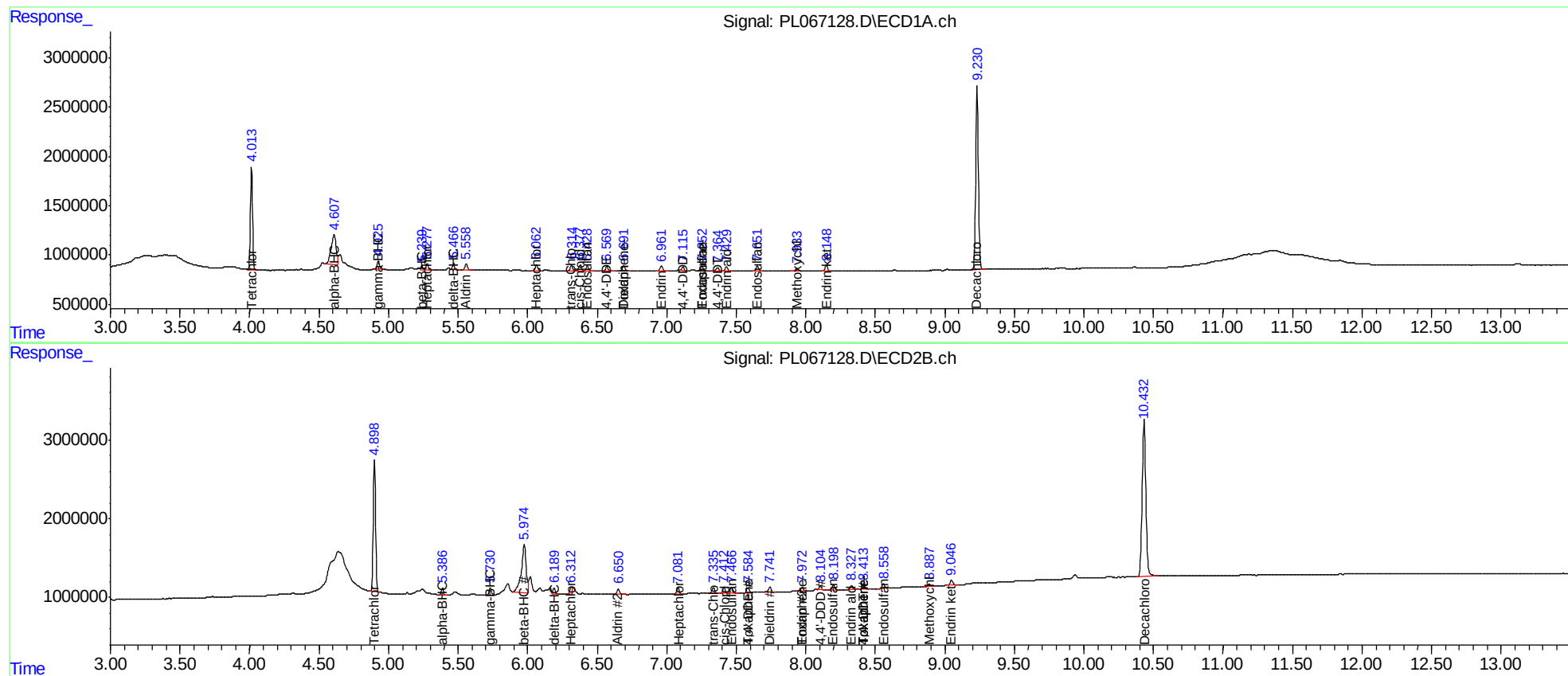
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

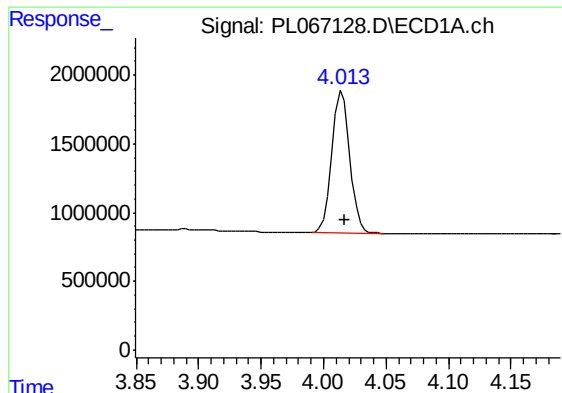
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060621\  
Data File : PL067128.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2021 22:28  
Operator : AR\AJ  
Sample : M2250-04  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
Client Sampled :  
MDL-SOIL-QT3-2021-06

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 07:24:55 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060521CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 07 05:11:59 2021  
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 x 0.50µm

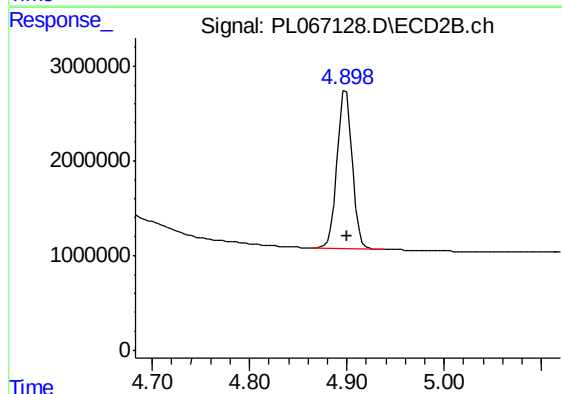




#1 Tetrachloro-m-xylene

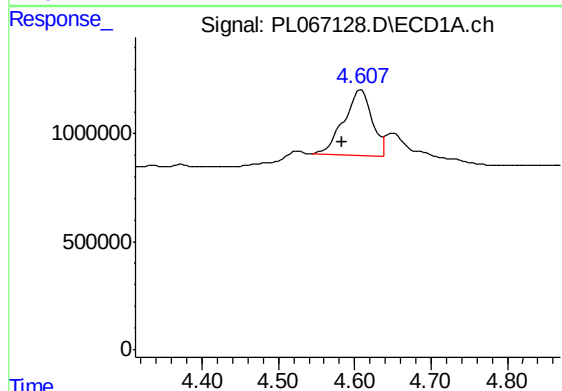
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 10336117  
Conc: 19.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



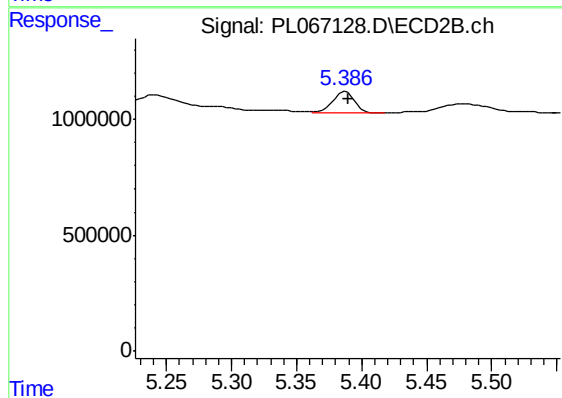
#1 Tetrachloro-m-xylene

R.T.: 4.899 min  
Delta R.T.: -0.002 min  
Response: 18327743  
Conc: 20.84 ng/ml



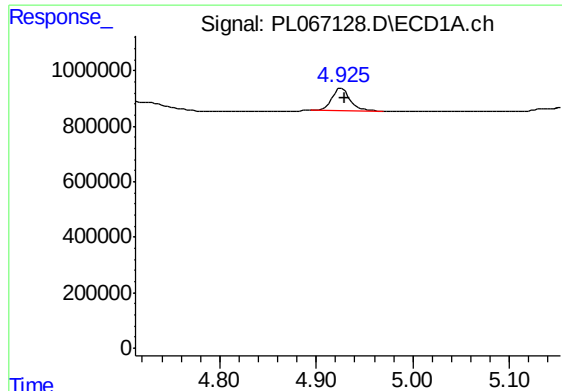
#2 alpha-BHC

R.T.: 4.608 min  
Delta R.T.: 0.025 min  
Response: 7670115  
Conc: 9.65 ng/ml



#2 alpha-BHC

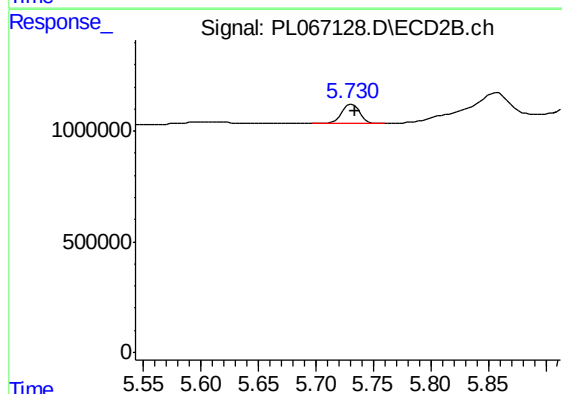
R.T.: 5.388 min  
Delta R.T.: -0.002 min  
Response: 1048091  
Conc: 0.94 ng/ml



#3 gamma-BHC (Lindane)

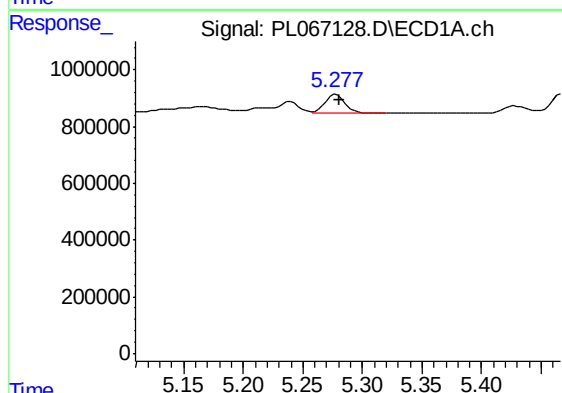
R.T.: 4.926 min  
Delta R.T.: -0.003 min  
Response: 1037221  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



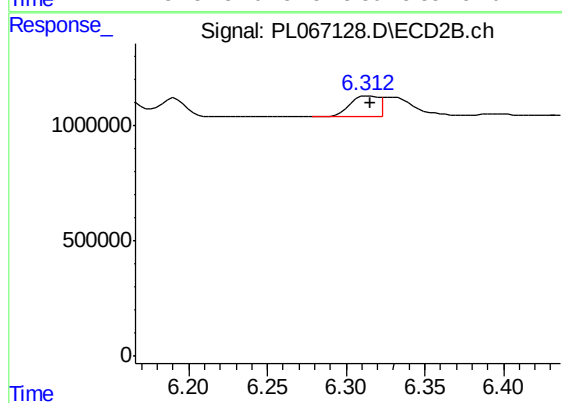
#3 gamma-BHC (Lindane)

R.T.: 5.731 min  
Delta R.T.: -0.003 min  
Response: 1001107  
Conc: 0.92 ng/ml



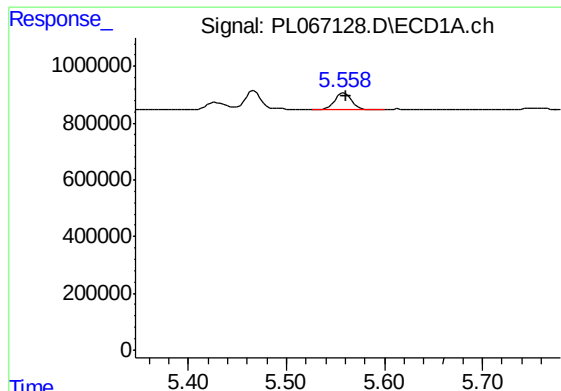
#4 Heptachlor

R.T.: 5.278 min  
Delta R.T.: -0.003 min  
Response: 743889  
Conc: 1.08 ng/ml



#4 Heptachlor

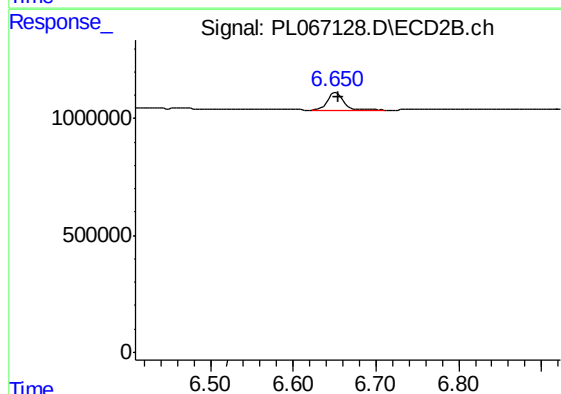
R.T.: 6.314 min  
Delta R.T.: -0.002 min  
Response: 1118897  
Conc: 1.02 ng/ml



#5 Aldrin

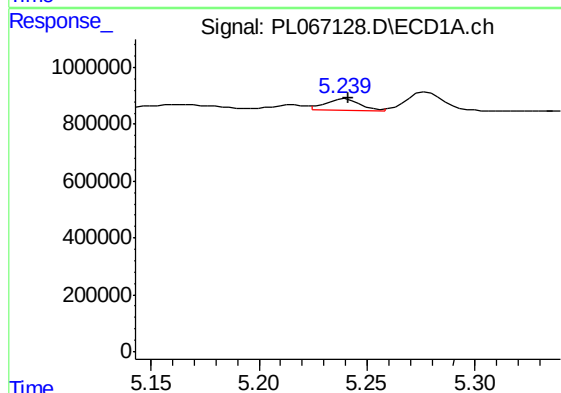
R.T.: 5.559 min  
Delta R.T.: -0.002 min  
Response: 663364  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



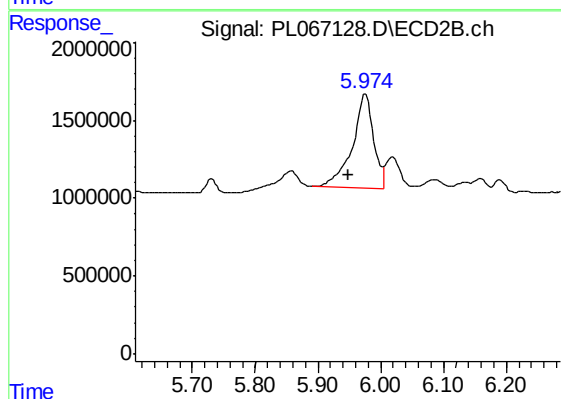
#5 Aldrin

R.T.: 6.652 min  
Delta R.T.: -0.002 min  
Response: 980034  
Conc: 1.04 ng/ml



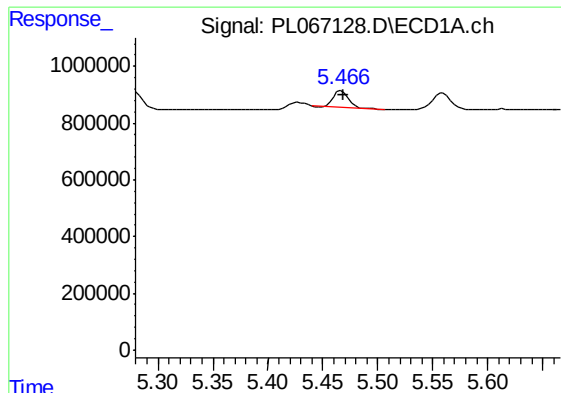
#6 beta-BHC

R.T.: 5.240 min  
Delta R.T.: -0.001 min  
Response: 458155  
Conc: 1.28 ng/ml



#6 beta-BHC

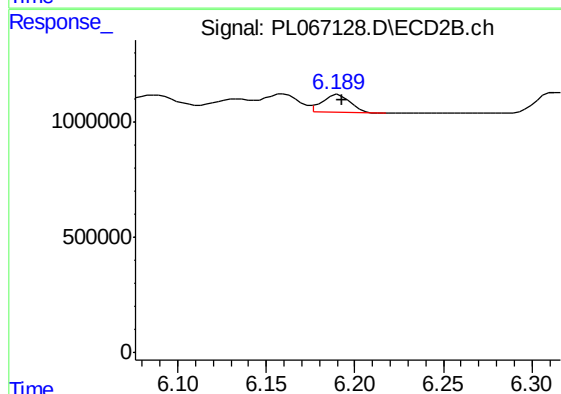
R.T.: 5.976 min  
Delta R.T.: 0.027 min  
Response: 14170966  
Conc: 19.66 ng/ml



#7 delta-BHC

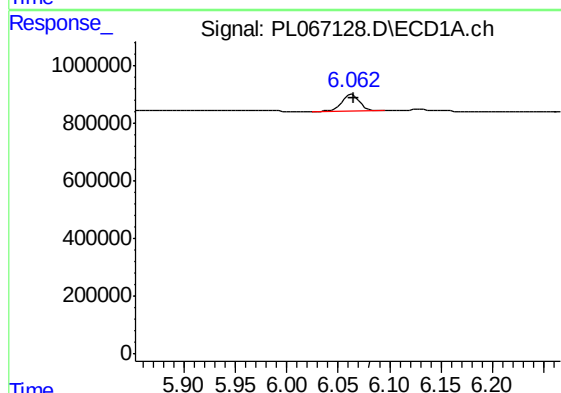
R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 505785  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



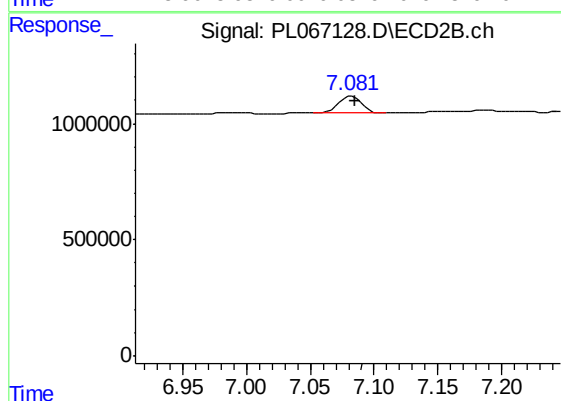
#7 delta-BHC

R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 891017  
Conc: 0.99 ng/ml



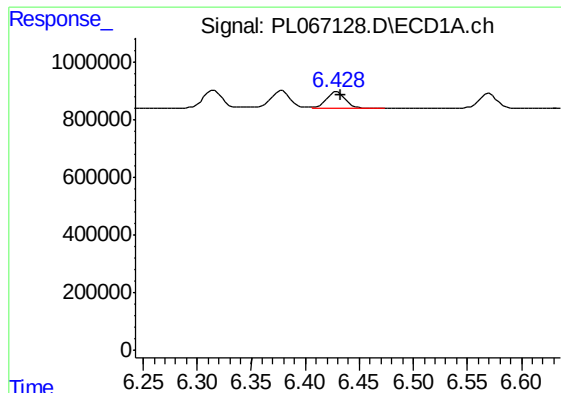
#8 Heptachlor epoxide

R.T.: 6.064 min  
Delta R.T.: -0.001 min  
Response: 717371  
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

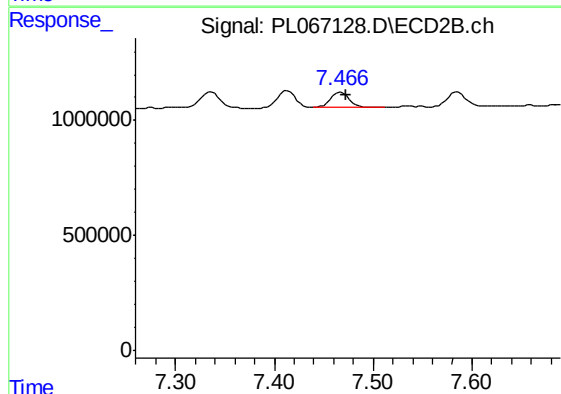
R.T.: 7.083 min  
Delta R.T.: -0.002 min  
Response: 885344  
Conc: 1.05 ng/ml



#9 Endosulfan I

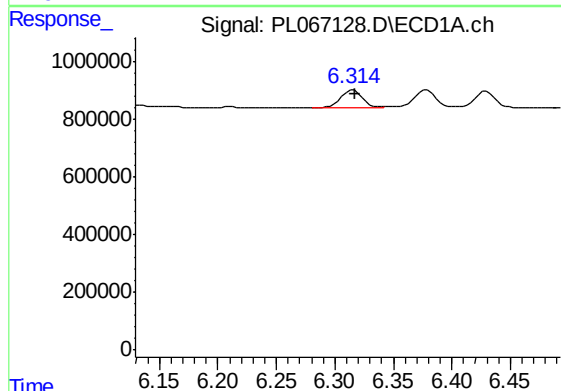
R.T.: 6.430 min  
Delta R.T.: -0.003 min  
Response: 697261  
Conc: 1.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



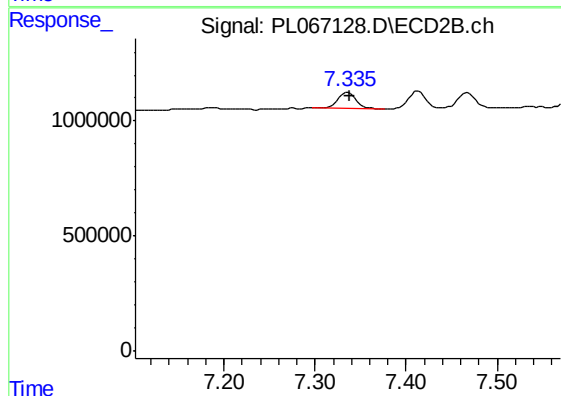
#9 Endosulfan I

R.T.: 7.468 min  
Delta R.T.: -0.004 min  
Response: 877418  
Conc: 1.06 ng/ml



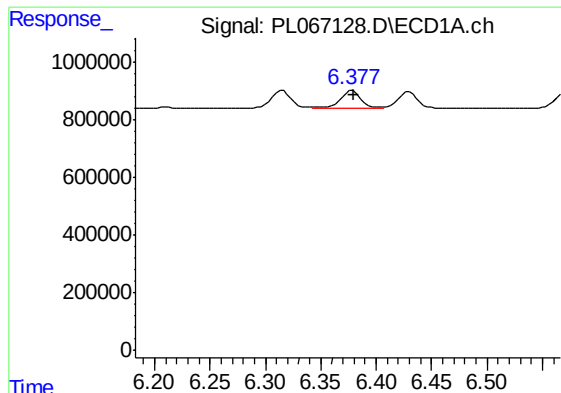
#10 trans-Chlordane

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 725361  
Conc: 1.11 ng/ml



#10 trans-Chlordane

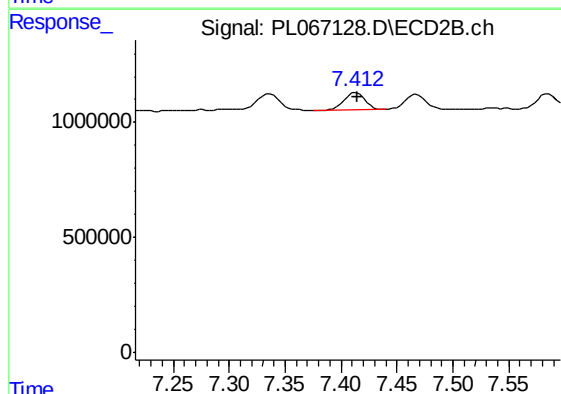
R.T.: 7.336 min  
Delta R.T.: -0.002 min  
Response: 964341  
Conc: 1.07 ng/ml



#11 cis-Chlordane

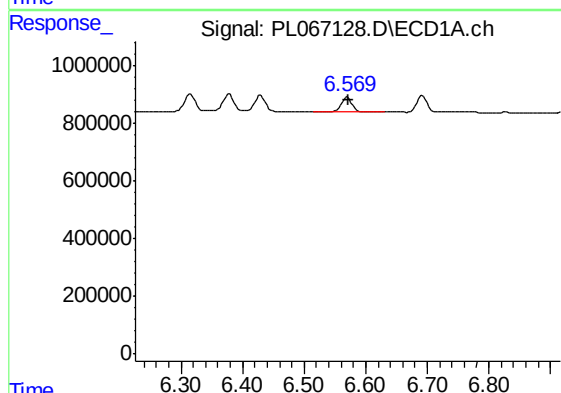
R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 801265  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



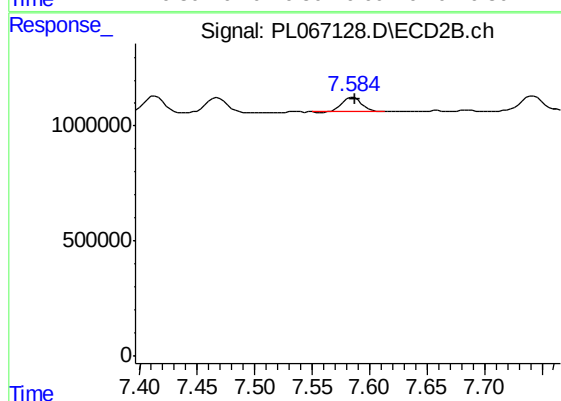
#11 cis-Chlordane

R.T.: 7.413 min  
Delta R.T.: -0.001 min  
Response: 976072  
Conc: 1.09 ng/ml



#12 4,4'-DDE

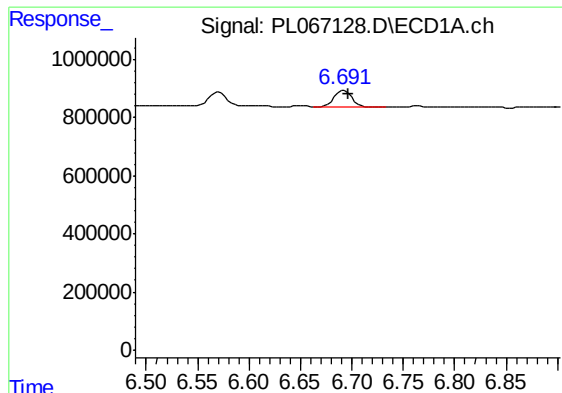
R.T.: 6.570 min  
Delta R.T.: -0.002 min  
Response: 616160  
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 7.585 min  
Delta R.T.: -0.002 min  
Response: 785469  
Conc: 0.93 ng/ml

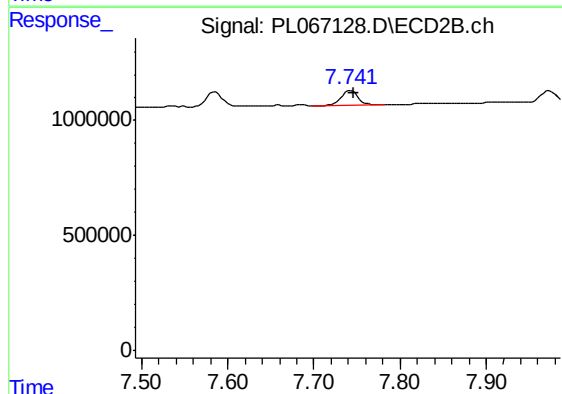




#13 Dieldrin

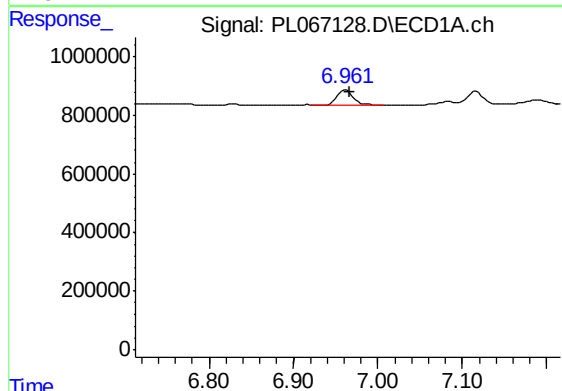
R.T.: 6.692 min  
Delta R.T.: -0.004 min  
Response: 667320  
Conc: 1.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



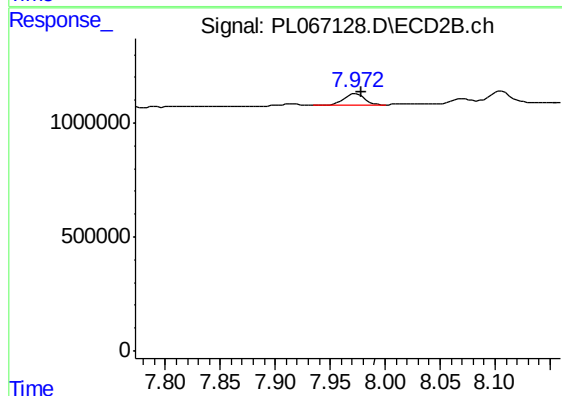
#13 Dieldrin

R.T.: 7.742 min  
Delta R.T.: -0.005 min  
Response: 841764  
Conc: 0.94 ng/ml



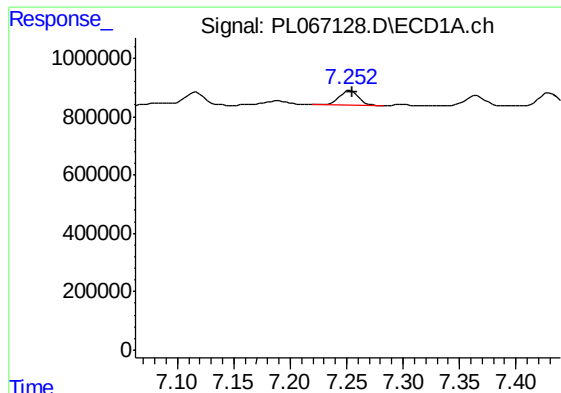
#14 Endrin

R.T.: 6.962 min  
Delta R.T.: -0.004 min  
Response: 660269  
Conc: 1.09 ng/ml



#14 Endrin

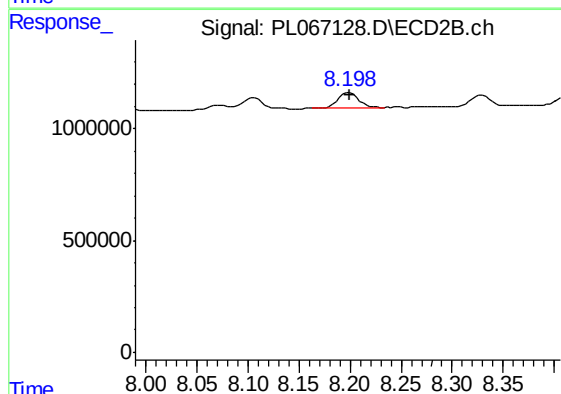
R.T.: 7.974 min  
Delta R.T.: -0.004 min  
Response: 619618  
Conc: 0.86 ng/ml



#15 Endosulfan II

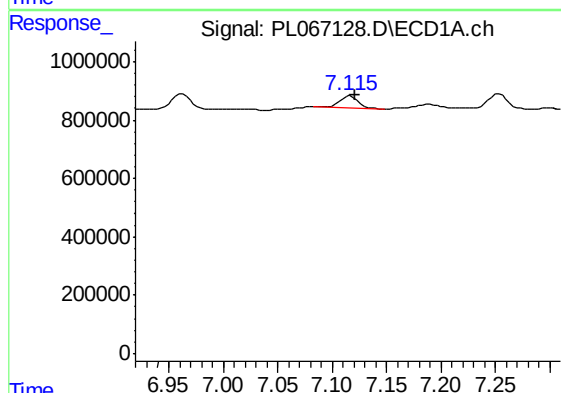
R.T.: 7.253 min  
Delta R.T.: -0.002 min  
Response: 624489  
Conc: 1.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



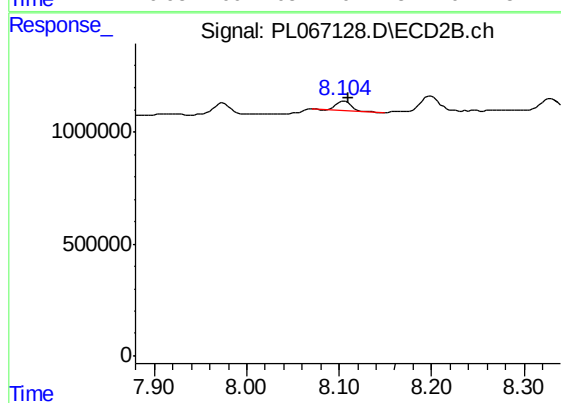
#15 Endosulfan II

R.T.: 8.199 min  
Delta R.T.: 0.000 min  
Response: 942738  
Conc: 1.28 ng/ml



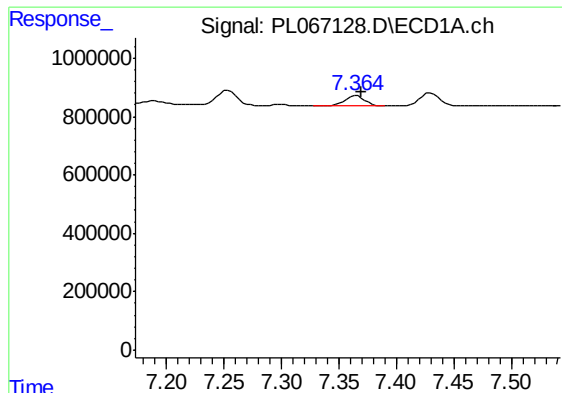
#16 4,4'-DDD

R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 475663  
Conc: 0.90 ng/ml



#16 4,4'-DDD

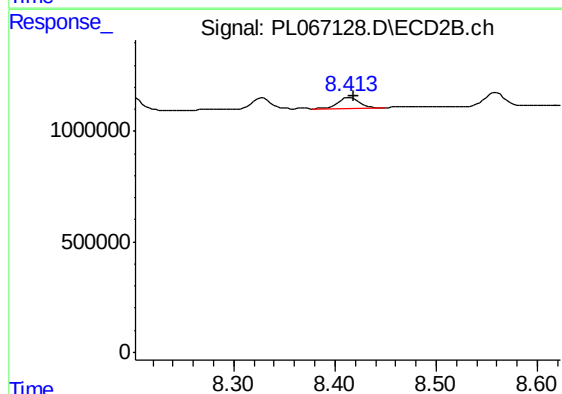
R.T.: 8.105 min  
Delta R.T.: -0.004 min  
Response: 423805  
Conc: 0.62 ng/ml



#17 4,4'-DDT

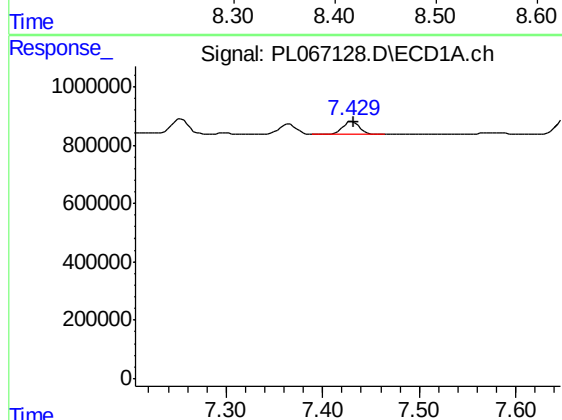
R.T.: 7.366 min  
Delta R.T.: -0.004 min  
Response: 394517  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



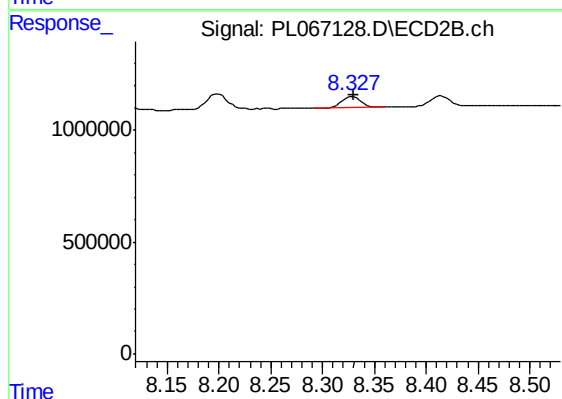
#17 4,4'-DDT

R.T.: 8.415 min  
Delta R.T.: -0.004 min  
Response: 658022  
Conc: 0.94 ng/ml



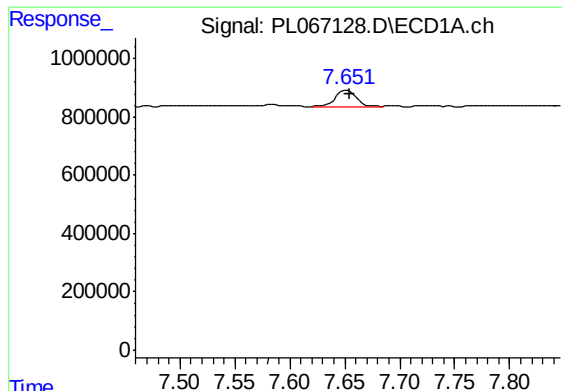
#18 Endrin aldehyde

R.T.: 7.430 min  
Delta R.T.: -0.002 min  
Response: 544500  
Conc: 1.11 ng/ml



#18 Endrin aldehyde

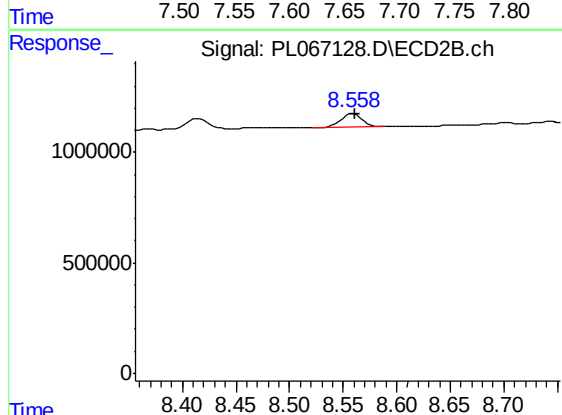
R.T.: 8.328 min  
Delta R.T.: -0.002 min  
Response: 665086  
Conc: 1.01 ng/ml



#19 Endosulfan Sulfate

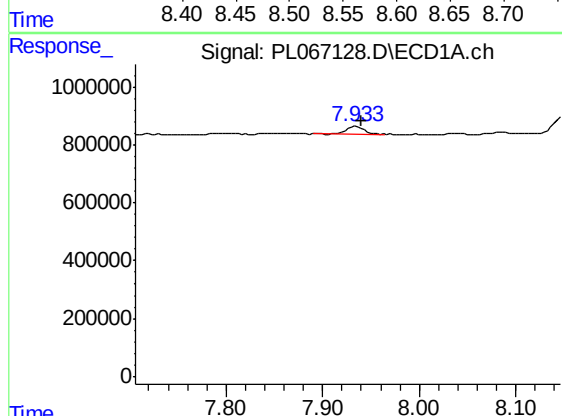
R.T.: 7.652 min  
Delta R.T.: -0.002 min  
Response: 704660  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



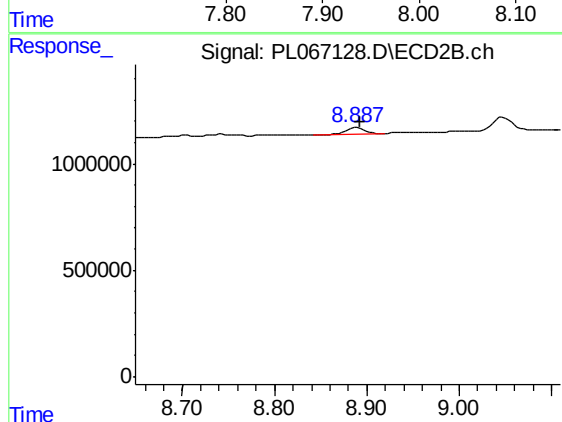
#19 Endosulfan Sulfate

R.T.: 8.559 min  
Delta R.T.: -0.002 min  
Response: 814451  
Conc: 1.11 ng/ml



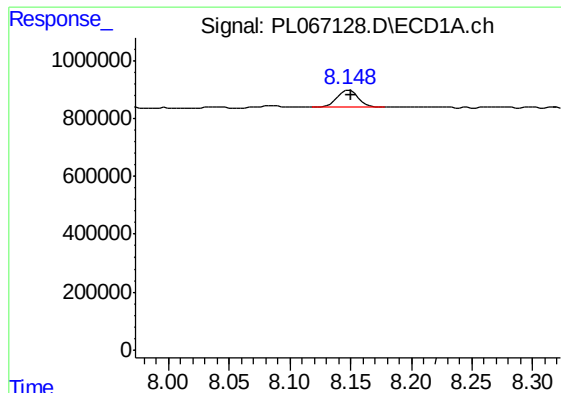
#20 Methoxychlor

R.T.: 7.935 min  
Delta R.T.: -0.005 min  
Response: 323469  
Conc: 1.04 ng/ml



#20 Methoxychlor

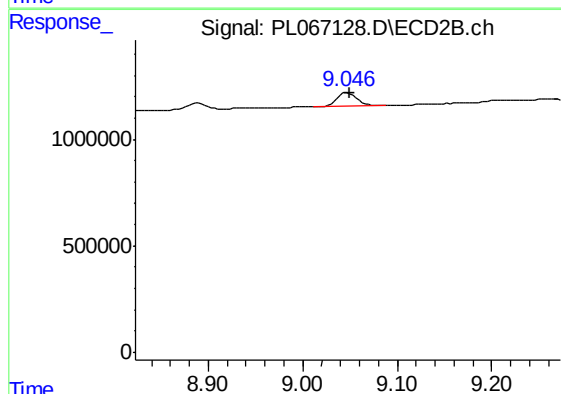
R.T.: 8.888 min  
Delta R.T.: -0.005 min  
Response: 414941  
Conc: 1.03 ng/ml



#21 Endrin ketone

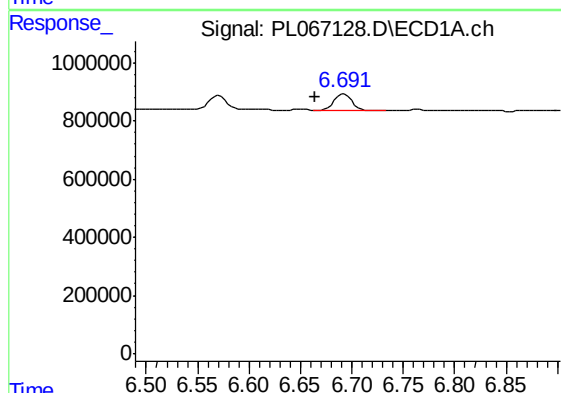
R.T.: 8.149 min  
Delta R.T.: -0.002 min  
Response: 725983  
Conc: 1.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



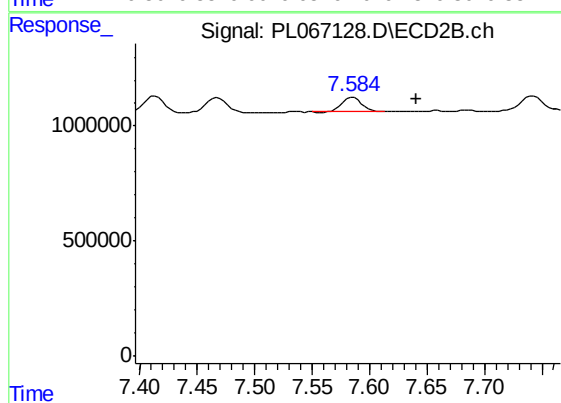
#21 Endrin ketone

R.T.: 9.047 min  
Delta R.T.: -0.002 min  
Response: 904591  
Conc: 1.08 ng/ml



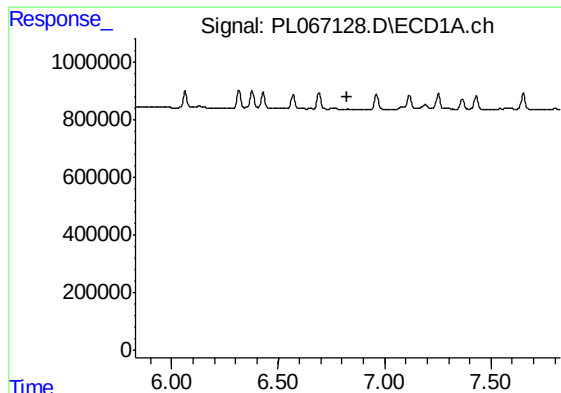
#22 Toxaphene-1

R.T.: 6.692 min  
Delta R.T.: 0.028 min  
Response: 667320  
Conc: 203.13 ng/ml



#22 Toxaphene-1

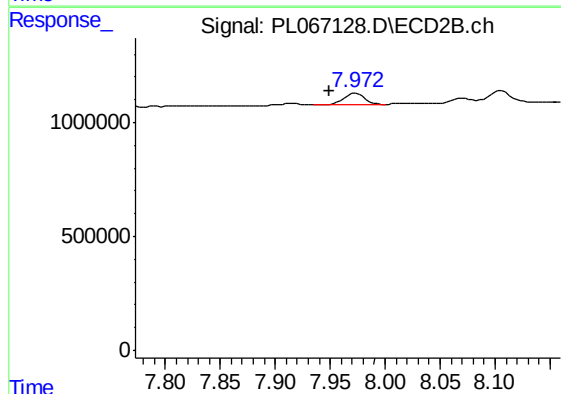
R.T.: 7.585 min  
Delta R.T.: -0.055 min  
Response: 785469  
Conc: 185.23 ng/ml



#23 Toxaphene-2

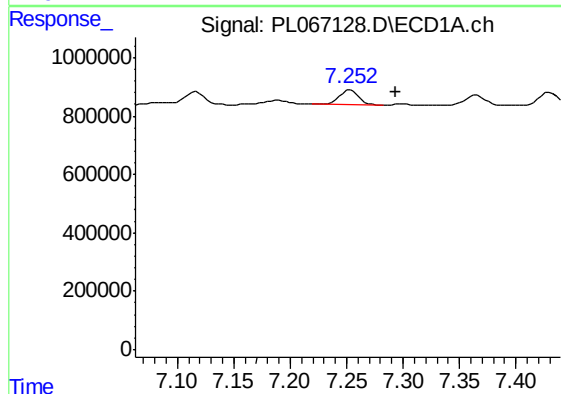
R.T.: 0.000 min  
Exp R.T.: 6.826 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
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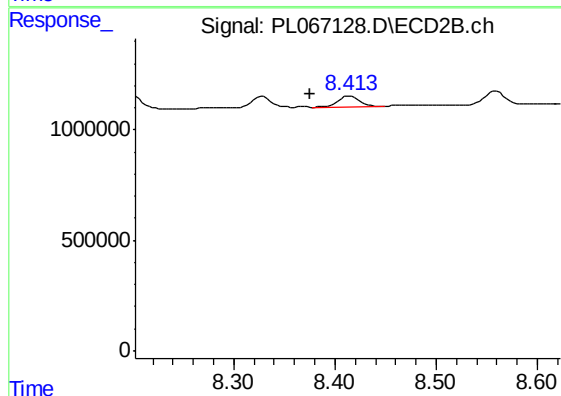
#23 Toxaphene-2

R.T.: 7.974 min  
Delta R.T.: 0.024 min  
Response: 619618  
Conc: 129.94 ng/ml



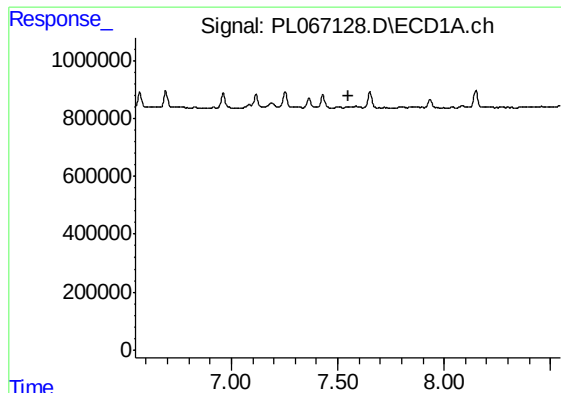
#24 Toxaphene-3

R.T.: 7.253 min  
Delta R.T.: -0.040 min  
Response: 624489  
Conc: 59.02 ng/ml



#24 Toxaphene-3

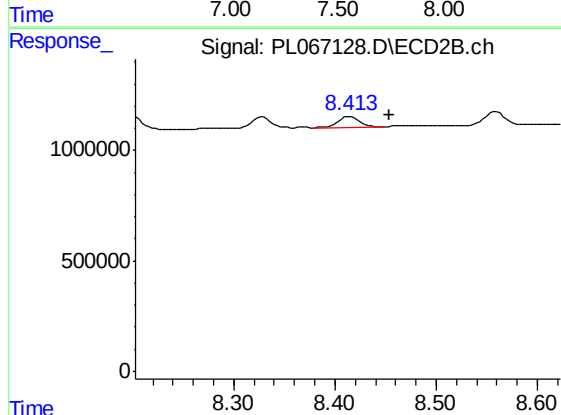
R.T.: 8.415 min  
Delta R.T.: 0.039 min  
Response: 658022  
Conc: 102.79 ng/ml



#25 Toxaphene-4

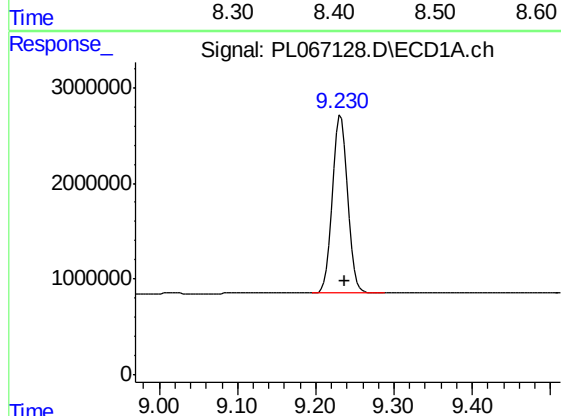
R.T.: 0.000 min  
Exp R.T.: 7.549 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MDL-SOIL-QT3-2021-06



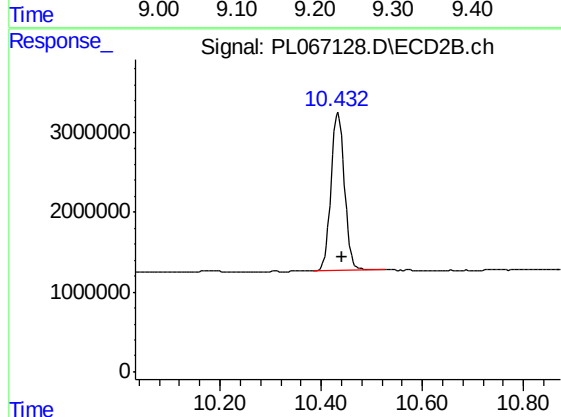
#25 Toxaphene-4

R.T.: 8.415 min  
Delta R.T.: -0.040 min  
Response: 658022  
Conc: 52.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: -0.005 min  
Response: 25660412  
Conc: 40.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.434 min  
Delta R.T.: -0.008 min  
Response: 37254444  
Conc: 41.00 ng/ml