

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120525\  
 Data File : PD091474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2025 16:03  
 Operator : AR\AJ  
 Sample : Q3530-01  
 Misc : PEST LOD 2.5PPB  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 16:33:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 15 04:46:13 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 x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.548 | 2.870 | 67941696 | 844.7E6  | 19.701 | 23.059  |
| 28)                         | SA Decachlor... | 9.070 | 8.058 | 108.3E6  | 900.7E6  | 21.747 | 22.760  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.382 | 17893598 | 201.3E6  | 2.238  | 3.185 # |
| 3)                          | MA gamma-BHC... | 4.328 | 3.719 | 17842136 | 183.2E6  | 2.388  | 3.168 # |
| 4)                          | MA Heptachlor   | 4.926 | 4.070 | 19472565 | 180.0E6  | 2.719  | 3.261   |
| 5)                          | MB Aldrin       | 5.265 | 4.356 | 18785363 | 184.3E6  | 2.589m | 3.265 # |
| 6)                          | B beta-BHC      | 4.516 | 4.015 | 8321025  | 81874821 | 2.864  | 3.408   |
| 7)                          | B delta-BHC     | 4.765 | 4.251 | 21739574 | 187.3E6  | 2.925  | 3.203   |
| 8)                          | B Heptachlo...  | 5.688 | 4.858 | 17626967 | 169.4E6  | 2.713  | 3.325m  |
| 9)                          | A Endosulfan I  | 6.071 | 5.234 | 16732120 | 164.1E6  | 2.724  | 3.430 # |
| 10)                         | B gamma-Chl...  | 5.943 | 5.111 | 17209162 | 177.6E6  | 2.647  | 3.250m  |
| 11)                         | B alpha-Chl...  | 6.024 | 5.176 | 17927530 | 173.1E6  | 2.605  | 3.308m# |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.362 | 14487306 | 172.5E6  | 2.498  | 3.227 # |
| 13)                         | MA Dieldrin     | 6.343 | 5.500 | 16739183 | 175.2E6  | 2.589  | 3.226   |
| 14)                         | MA Endrin       | 6.571 | 5.777 | 12764162 | 157.3E6  | 2.572  | 3.481 # |
| 15)                         | B Endosulfa...  | 6.783 | 6.068 | 15887424 | 151.1E6  | 2.858m | 3.238   |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.917 | 12662137 | 161.6E6  | 2.578  | 3.306 # |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.170 | 9454547  | 112.9E6  | 2.286m | 2.884 # |
| 18)                         | B Endrin al...  | 6.913 | 6.247 | 11761858 | 115.3E6  | 2.823m | 3.267   |
| 19)                         | B Endosulfa...  | 7.148 | 6.470 | 14260808 | 145.0E6  | 2.772  | 3.233   |
| 20)                         | A Methoxychlor  | 7.492 | 6.742 | 5620826  | 62254581 | 2.585m | 3.105   |
| 21)                         | B Endrin ke...  | 7.628 | 6.980 | 15525341 | 164.4E6  | 2.756m | 3.226   |
| 22)                         | Mirex           | 8.111 | 7.172 | 10703183 | 108.6E6  | 3.009  | 3.276   |
| -----                       |                 |       |       |          |          |        |         |

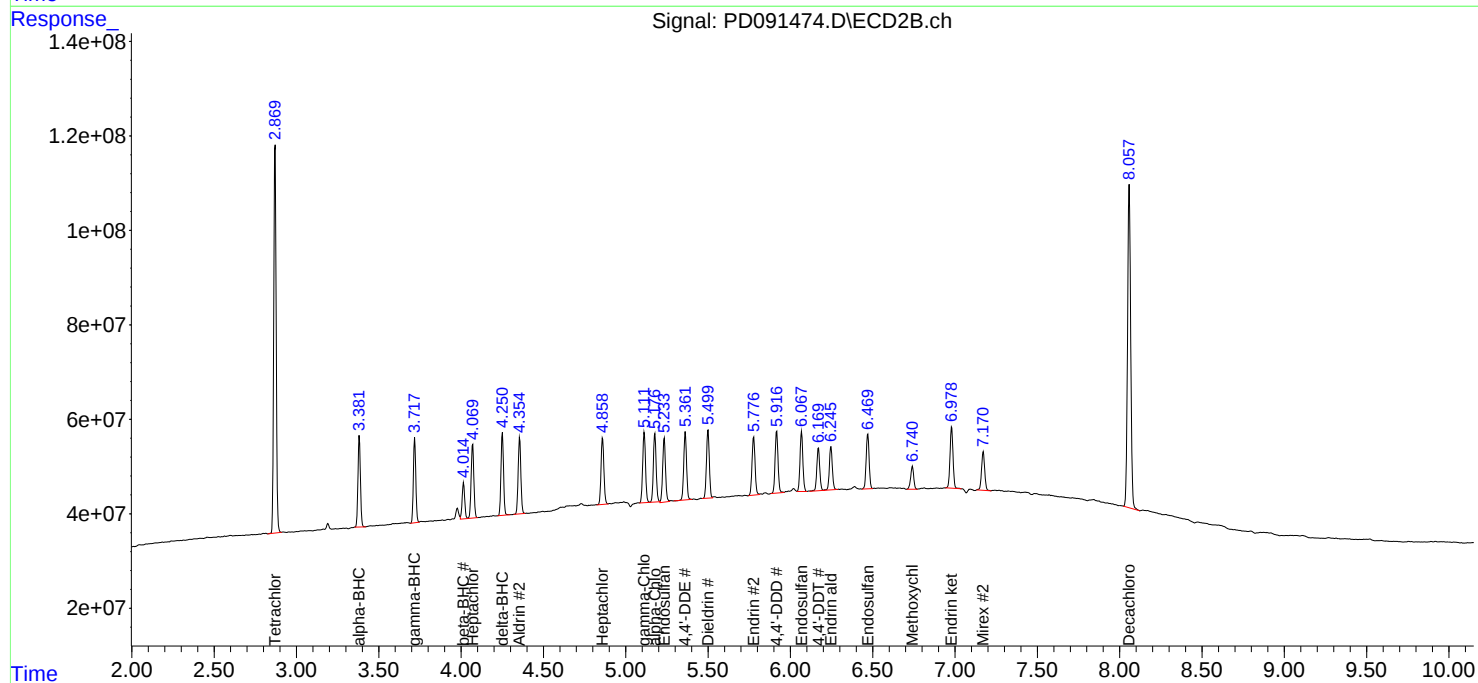
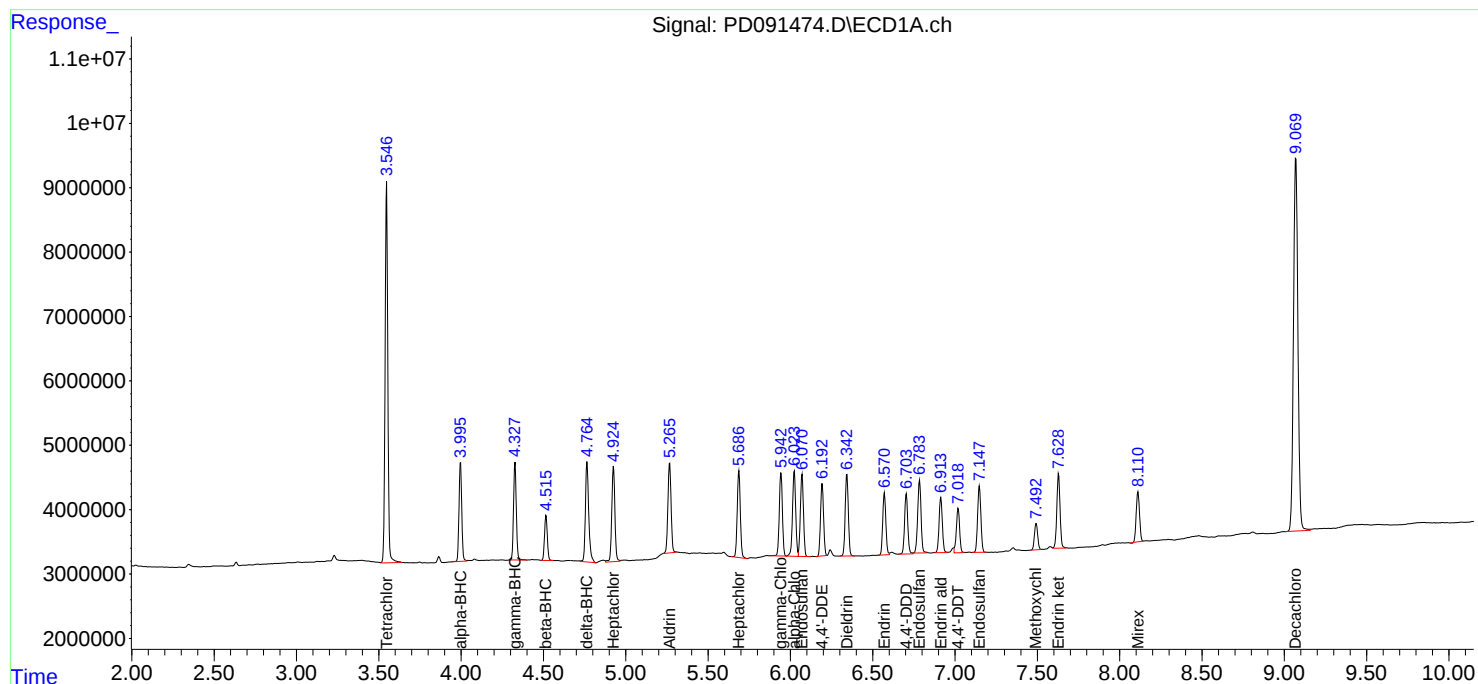
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

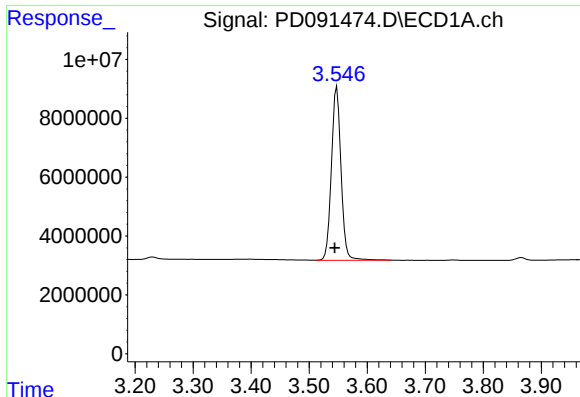
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120525\  
Data File : PD091474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2025 16:03  
Operator : AR\AJ  
Sample : Q3530-01  
Misc : PEST LOD 2.5PPB  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 16:33:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111525.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 15 04:46:13 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 x 0.25µm

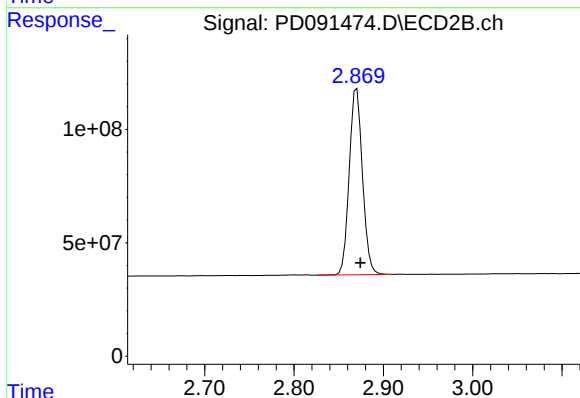




#1 Tetrachloro-m-xylene

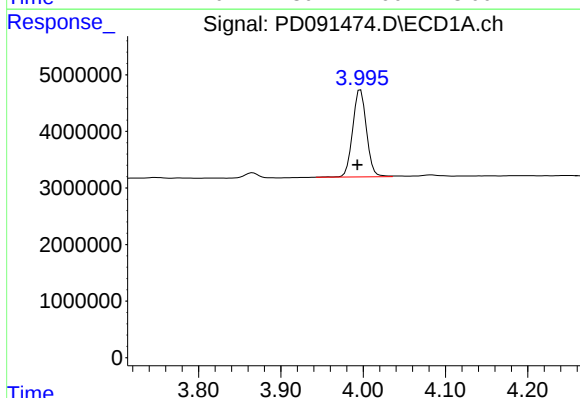
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 67941696  
Conc: 19.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



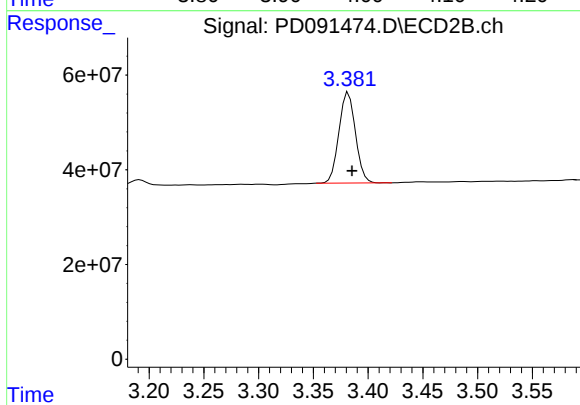
#1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: -0.004 min  
Response: 844668748  
Conc: 23.06 ng/ml



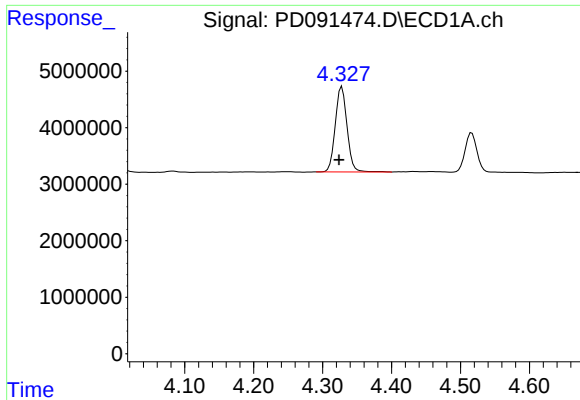
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.004 min  
Response: 17893598  
Conc: 2.24 ng/ml



#2 alpha-BHC

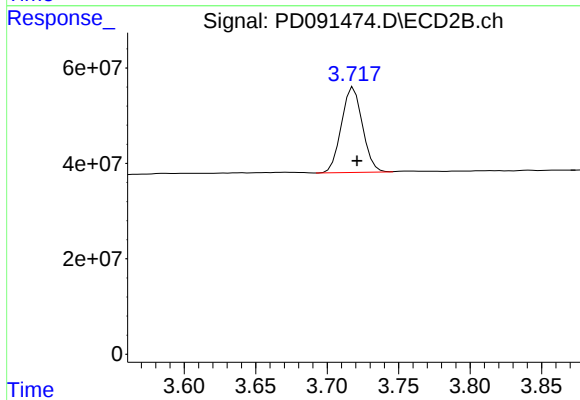
R.T.: 3.382 min  
Delta R.T.: -0.003 min  
Response: 201323803  
Conc: 3.19 ng/ml



#3 gamma-BHC (Lindane)

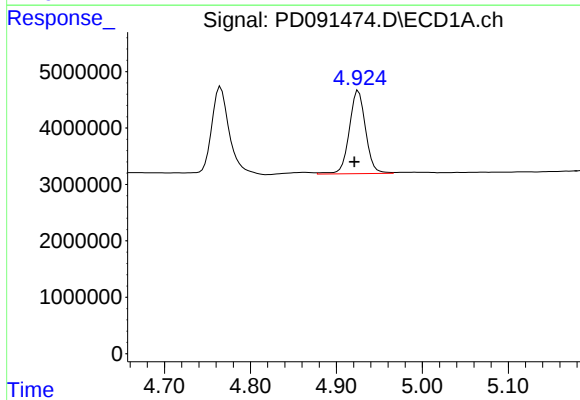
R.T.: 4.328 min  
Delta R.T.: 0.004 min  
Response: 17842136  
Conc: 2.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



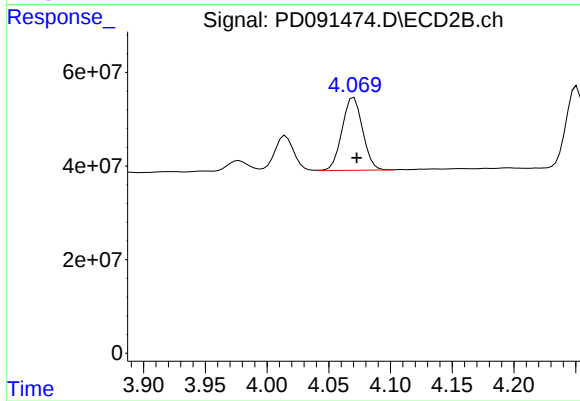
#3 gamma-BHC (Lindane)

R.T.: 3.719 min  
Delta R.T.: -0.002 min  
Response: 183192722  
Conc: 3.17 ng/ml



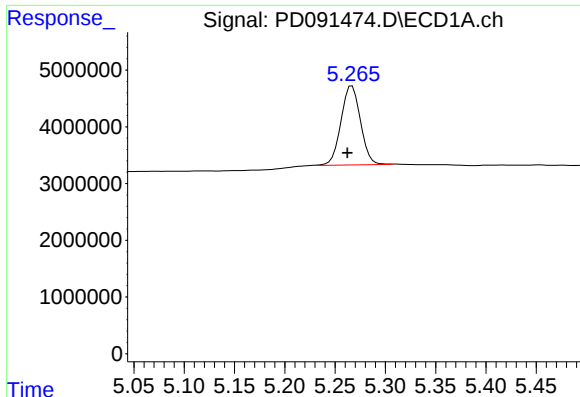
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.005 min  
Response: 19472565  
Conc: 2.72 ng/ml



#4 Heptachlor

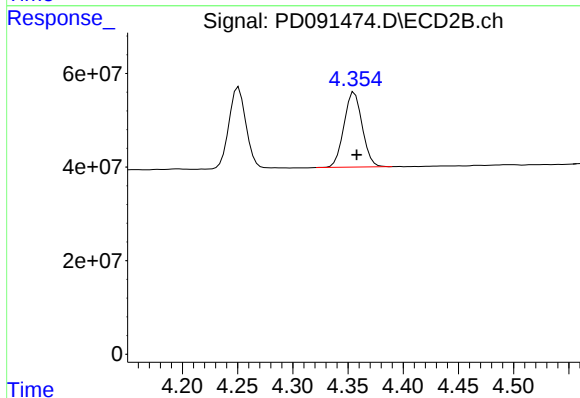
R.T.: 4.070 min  
Delta R.T.: -0.002 min  
Response: 180042031  
Conc: 3.26 ng/ml



#5 Aldrin

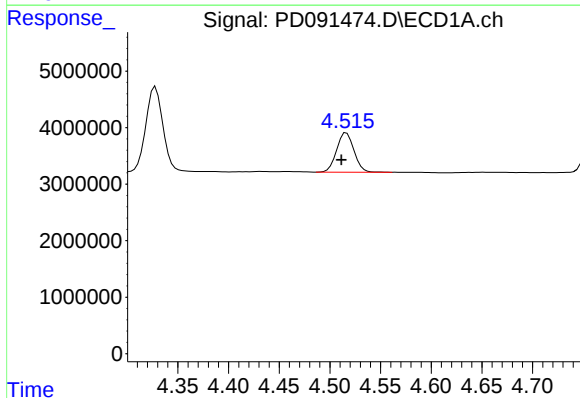
R.T.: 5.265 min  
Delta R.T.: 0.003 min  
Response: 18785363  
Conc: 2.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



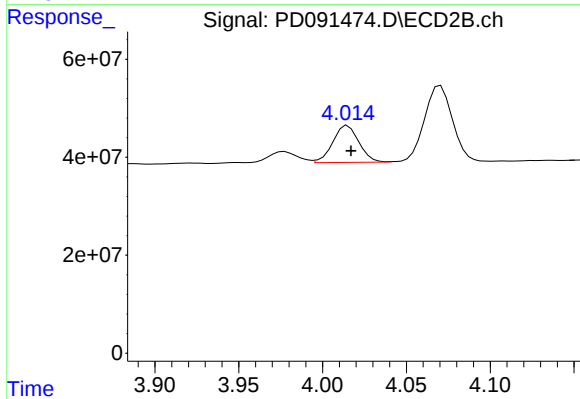
#5 Aldrin

R.T.: 4.356 min  
Delta R.T.: -0.002 min  
Response: 184327366  
Conc: 3.26 ng/ml



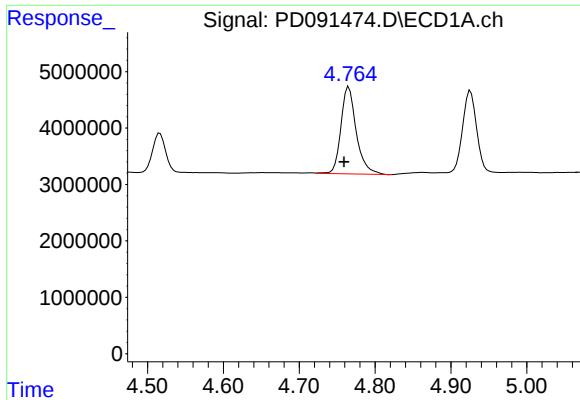
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: 0.005 min  
Response: 8321025  
Conc: 2.86 ng/ml



#6 beta-BHC

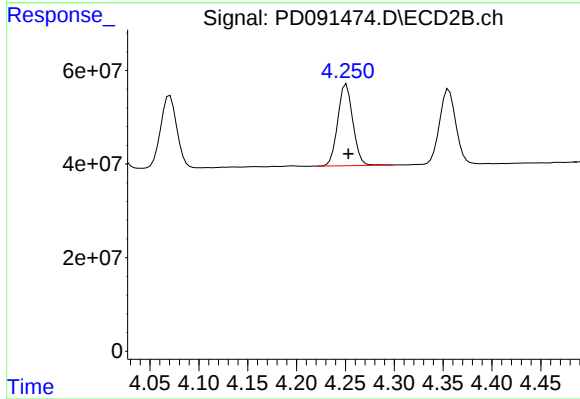
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 81874821  
Conc: 3.41 ng/ml



#7 delta-BHC

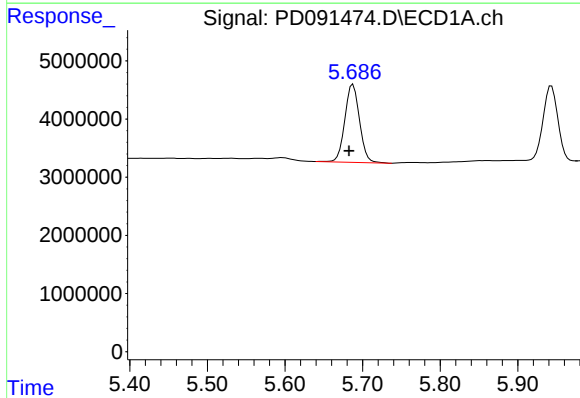
R.T.: 4.765 min  
Delta R.T.: 0.006 min  
Response: 21739574  
Conc: 2.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



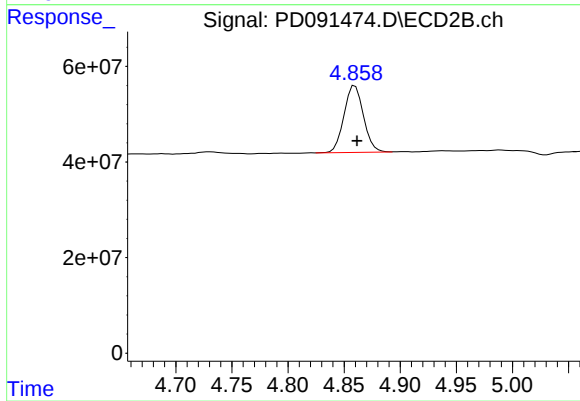
#7 delta-BHC

R.T.: 4.251 min  
Delta R.T.: -0.002 min  
Response: 187285130  
Conc: 3.20 ng/ml



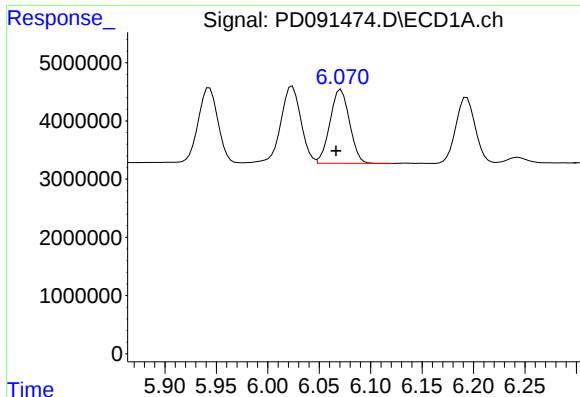
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.005 min  
Response: 17626967  
Conc: 2.71 ng/ml



#8 Heptachlor epoxide

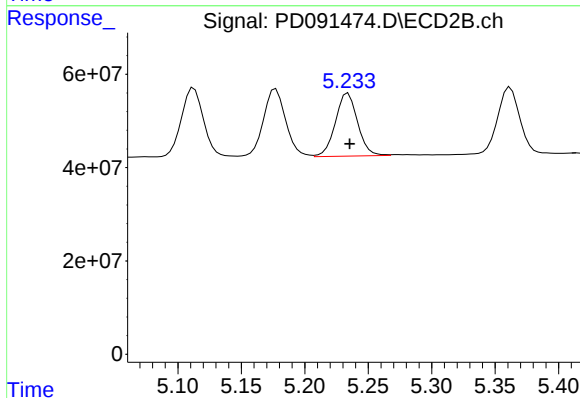
R.T.: 4.858 min  
Delta R.T.: -0.003 min  
Response: 169447218  
Conc: 3.33 ng/ml m



#9 Endosulfan I

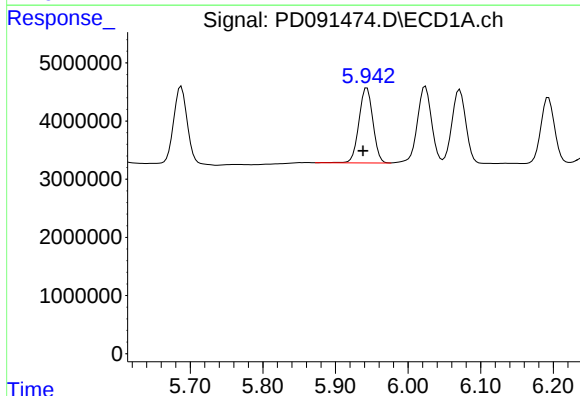
R.T.: 6.071 min  
Delta R.T.: 0.005 min  
Response: 16732120  
Conc: 2.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



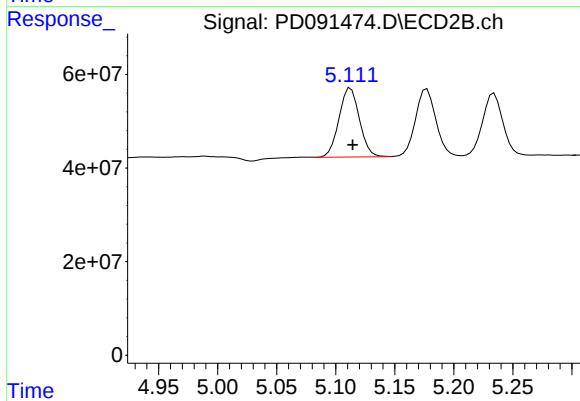
#9 Endosulfan I

R.T.: 5.234 min  
Delta R.T.: -0.001 min  
Response: 164110269  
Conc: 3.43 ng/ml



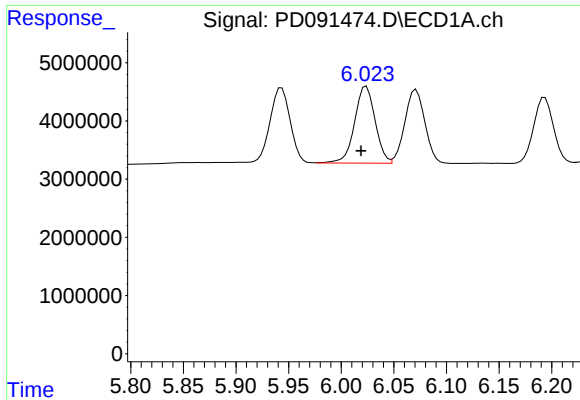
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.005 min  
Response: 17209162  
Conc: 2.65 ng/ml



#10 gamma-Chlordane

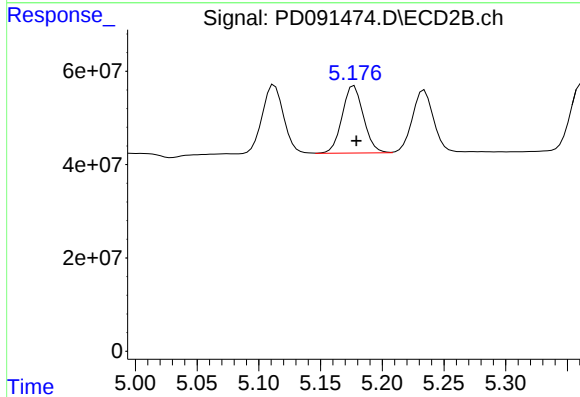
R.T.: 5.111 min  
Delta R.T.: -0.003 min  
Response: 177561078  
Conc: 3.25 ng/ml m



#11 alpha-Chlordane

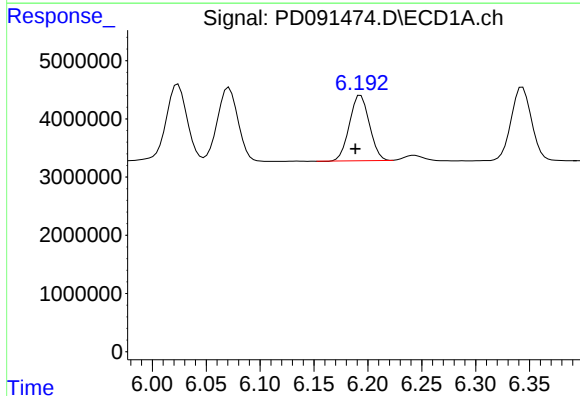
R.T.: 6.024 min  
Delta R.T.: 0.005 min  
Response: 17927530  
Conc: 2.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



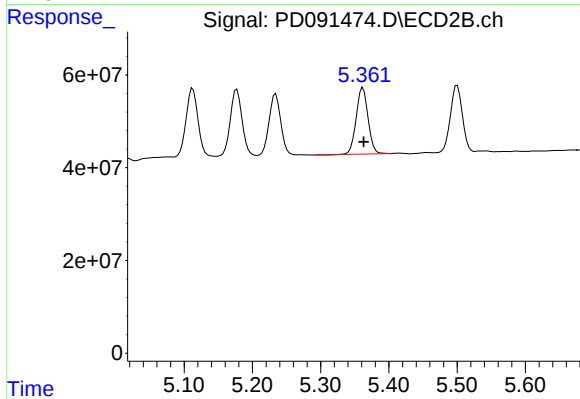
#11 alpha-Chlordane

R.T.: 5.176 min  
Delta R.T.: -0.003 min  
Response: 173135993  
Conc: 3.31 ng/ml m



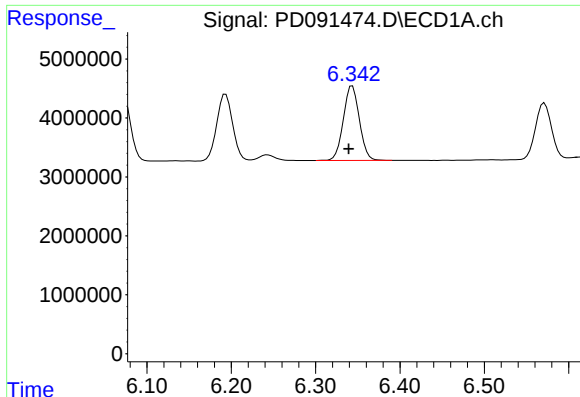
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: 0.005 min  
Response: 14487306  
Conc: 2.50 ng/ml



#12 4,4'-DDE

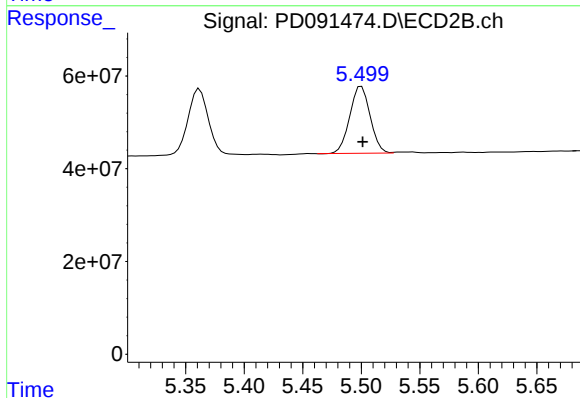
R.T.: 5.362 min  
Delta R.T.: -0.001 min  
Response: 172476085  
Conc: 3.23 ng/ml



#13 Dieldrin

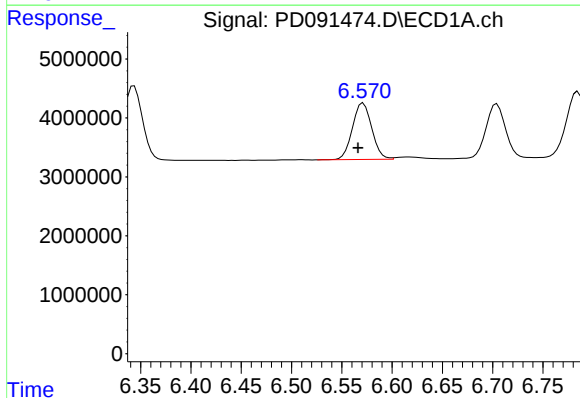
R.T.: 6.343 min  
Delta R.T.: 0.004 min  
Response: 16739183  
Conc: 2.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



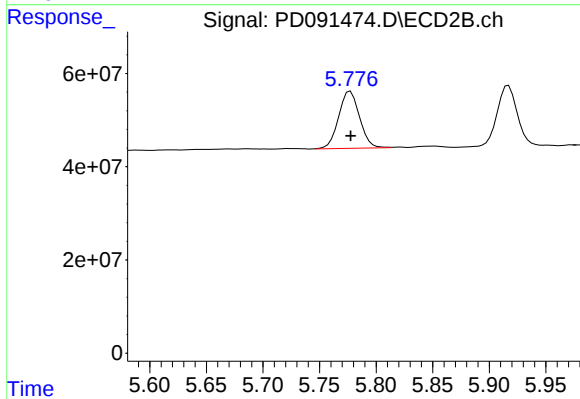
#13 Dieldrin

R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 175181576  
Conc: 3.23 ng/ml



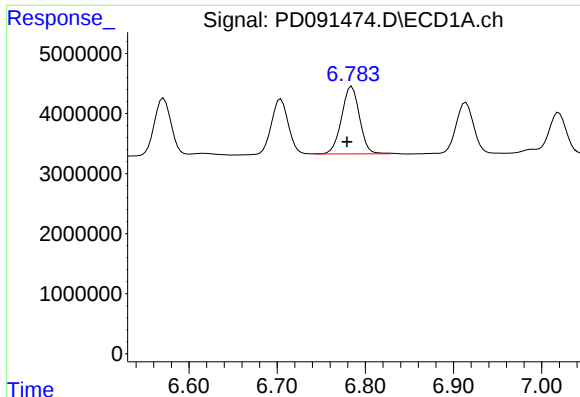
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: 0.005 min  
Response: 12764162  
Conc: 2.57 ng/ml



#14 Endrin

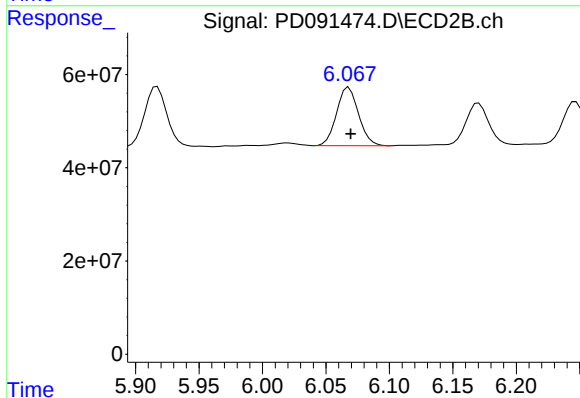
R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 157301898  
Conc: 3.48 ng/ml



#15 Endosulfan II

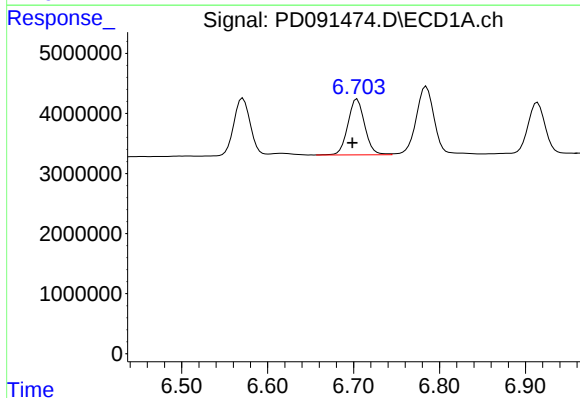
R.T.: 6.783 min  
Delta R.T.: 0.004 min  
Response: 15887424  
Conc: 2.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



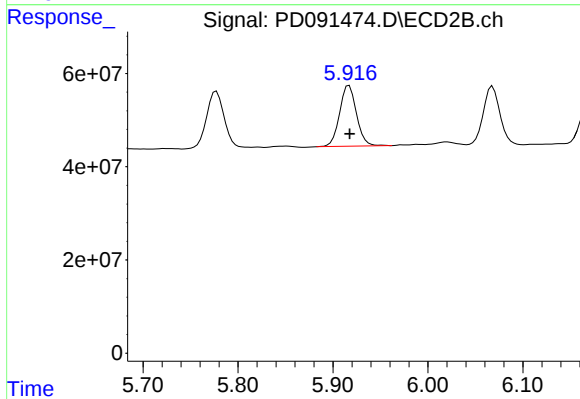
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: -0.001 min  
Response: 151136843  
Conc: 3.24 ng/ml



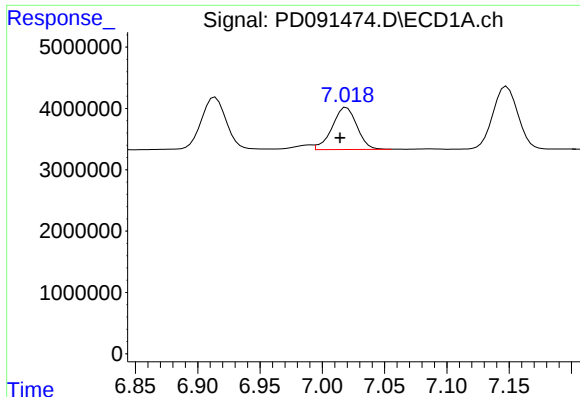
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: 0.006 min  
Response: 12662137  
Conc: 2.58 ng/ml



#16 4,4'-DDD

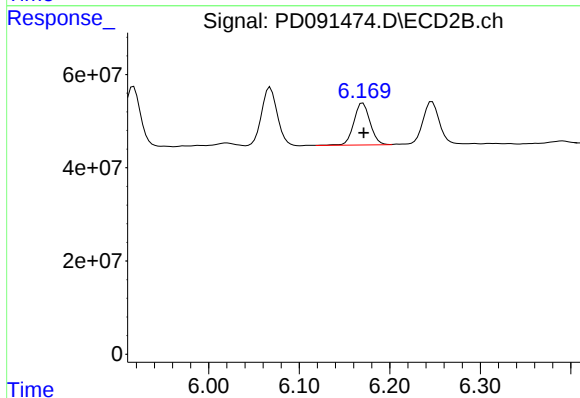
R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 161580049  
Conc: 3.31 ng/ml



#17 4,4'-DDT

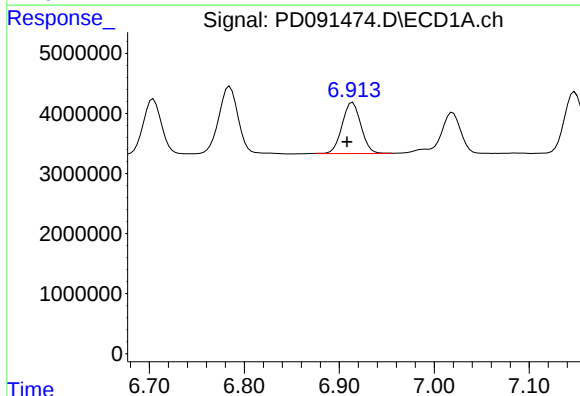
R.T.: 7.018 min  
Delta R.T.: 0.004 min  
Response: 9454547  
Conc: 2.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



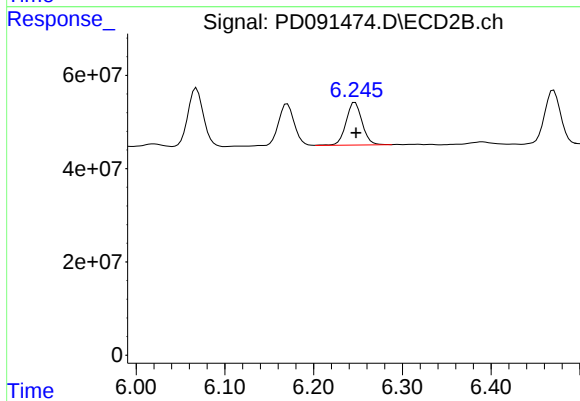
#17 4,4'-DDT

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 112854797  
Conc: 2.88 ng/ml



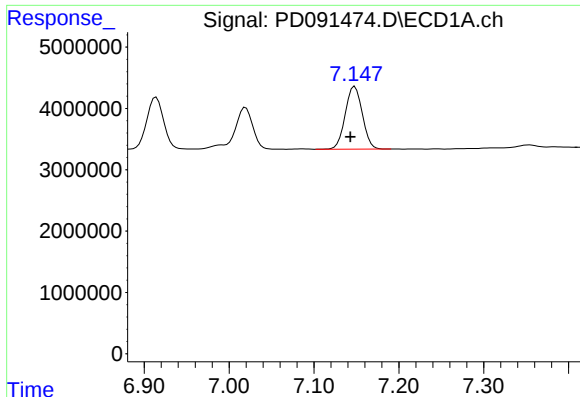
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: 0.005 min  
Response: 11761858  
Conc: 2.82 ng/ml m



#18 Endrin aldehyde

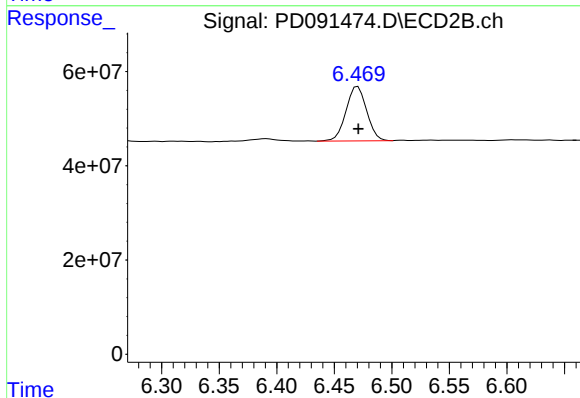
R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 115286343  
Conc: 3.27 ng/ml



#19 Endosulfan Sulfate

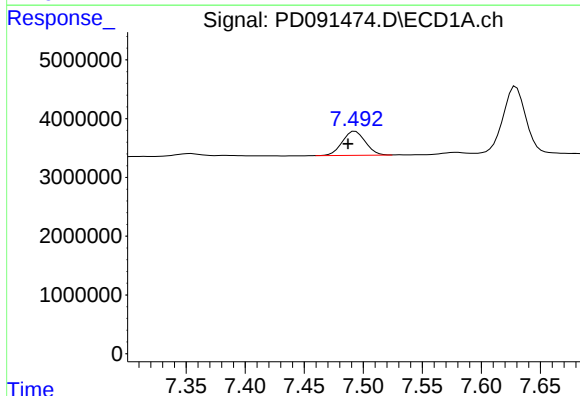
R.T.: 7.148 min  
Delta R.T.: 0.005 min  
Response: 14260808  
Conc: 2.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



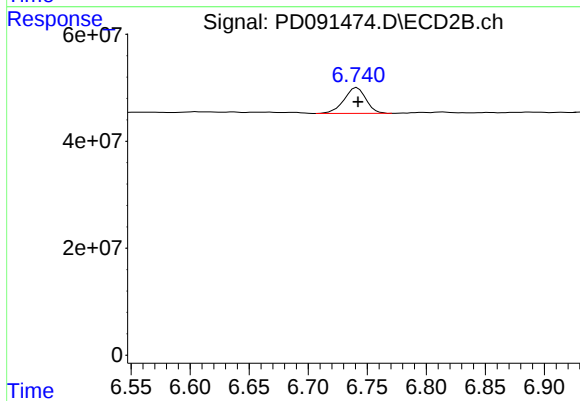
#19 Endosulfan Sulfate

R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 144971771  
Conc: 3.23 ng/ml



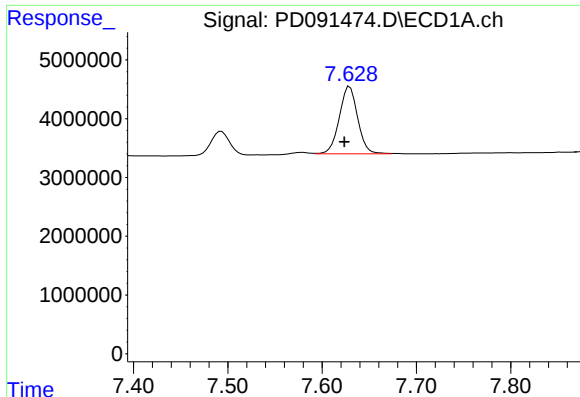
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: 0.005 min  
Response: 5620826  
Conc: 2.59 ng/ml m



#20 Methoxychlor

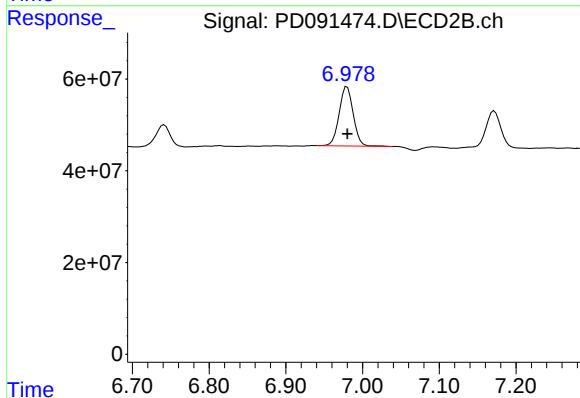
R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 62254581  
Conc: 3.10 ng/ml



#21 Endrin ketone

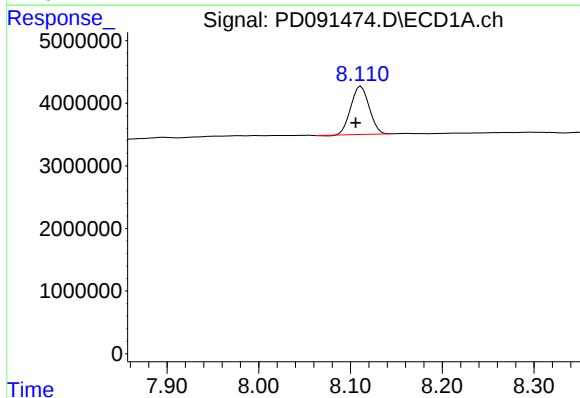
R.T.: 7.628 min  
Delta R.T.: 0.004 min  
Response: 15525341  
Conc: 2.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



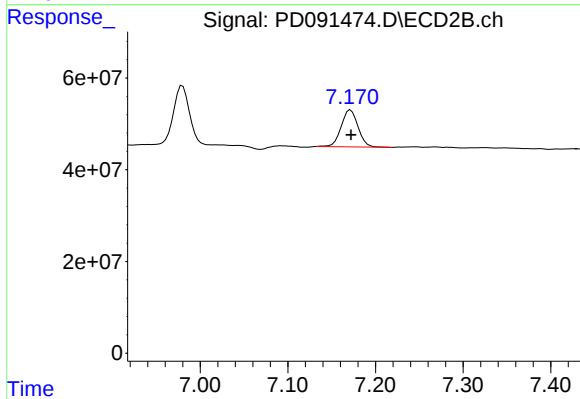
#21 Endrin ketone

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 164399765  
Conc: 3.23 ng/ml



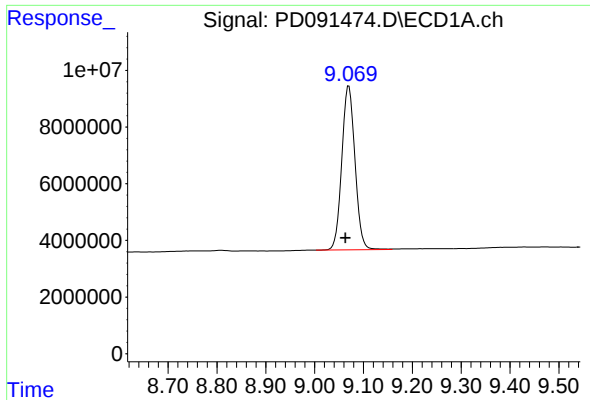
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: 0.006 min  
Response: 10703183  
Conc: 3.01 ng/ml



#22 Mirex

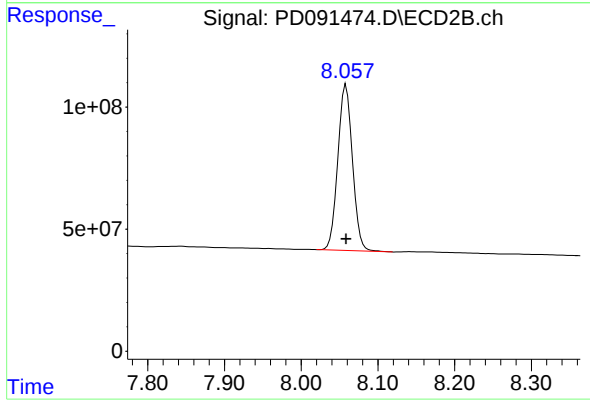
R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 108568493  
Conc: 3.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.007 min  
Response: 108341088  
Conc: 21.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2025



#28 Decachlorobiphenyl

R.T.: 8.058 min  
Delta R.T.: 0.000 min  
Response: 900720756  
Conc: 22.76 ng/ml