

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120525\  
 Data File : PD091473.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2025 15:36  
 Operator : AR\AJ  
 Sample : Q3530-02  
 Misc : PEST LOQ 5PPB  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 05 15:57:24 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... | 3.540 | 2.870 | 71197901 | 880.6E6 | 20.645 | 24.039  |
| 28)                         | SA Decachlor... | 9.060 | 8.054 | 111.0E6  | 922.2E6 | 22.282 | 23.302  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.989 | 3.381 | 32493485 | 358.2E6 | 4.064  | 5.667 # |
| 3)                          | MA gamma-BHC... | 4.320 | 3.717 | 32331927 | 329.6E6 | 4.327  | 5.700 # |
| 4)                          | MA Heptachlor   | 4.917 | 4.069 | 33335219 | 322.4E6 | 4.655  | 5.839 # |
| 5)                          | MB Aldrin       | 5.259 | 4.355 | 32744922 | 334.5E6 | 4.513  | 5.925 # |
| 6)                          | B beta-BHC      | 4.508 | 4.014 | 14771426 | 143.1E6 | 5.084  | 5.956   |
| 7)                          | B delta-BHC     | 4.756 | 4.250 | 36226794 | 331.2E6 | 4.874  | 5.663   |
| 8)                          | B Heptachlo...  | 5.678 | 4.857 | 30198836 | 303.8E6 | 4.648m | 5.962m# |
| 9)                          | A Endosulfan I  | 6.063 | 5.231 | 29481870 | 286.2E6 | 4.799  | 5.981m  |
| 10)                         | B gamma-Chl...  | 5.935 | 5.110 | 29782892 | 318.3E6 | 4.581  | 5.826m# |
| 11)                         | B alpha-Chl...  | 6.015 | 5.175 | 32257307 | 301.7E6 | 4.687  | 5.765m  |
| 12)                         | B 4,4'-DDE      | 6.185 | 5.358 | 25685977 | 309.1E6 | 4.429  | 5.784m# |
| 13)                         | MA Dieldrin     | 6.335 | 5.498 | 29272056 | 316.5E6 | 4.528  | 5.828 # |
| 14)                         | MA Endrin       | 6.563 | 5.773 | 22842778 | 271.4E6 | 4.602  | 6.005m# |
| 15)                         | B Endosulfa...  | 6.776 | 6.066 | 26737399 | 273.8E6 | 4.809  | 5.865   |
| 16)                         | A 4,4'-DDD      | 6.696 | 5.915 | 21363734 | 280.4E6 | 4.350  | 5.738 # |
| 17)                         | MA 4,4'-DDT     | 7.011 | 6.168 | 17509104 | 207.1E6 | 4.234  | 5.292   |
| 18)                         | B Endrin al...  | 6.905 | 6.244 | 20759643 | 200.6E6 | 4.983  | 5.684   |
| 19)                         | B Endosulfa...  | 7.140 | 6.467 | 24585927 | 258.0E6 | 4.779  | 5.753   |
| 20)                         | A Methoxychlor  | 7.484 | 6.738 | 10400257 | 111.9E6 | 4.783  | 5.580   |
| 21)                         | B Endrin ke...  | 7.620 | 6.977 | 26508713 | 284.9E6 | 4.706  | 5.592   |
| 22)                         | Mirex           | 8.102 | 7.169 | 18739361 | 189.6E6 | 5.268  | 5.722   |
| -----                       |                 |       |       |          |         |        |         |

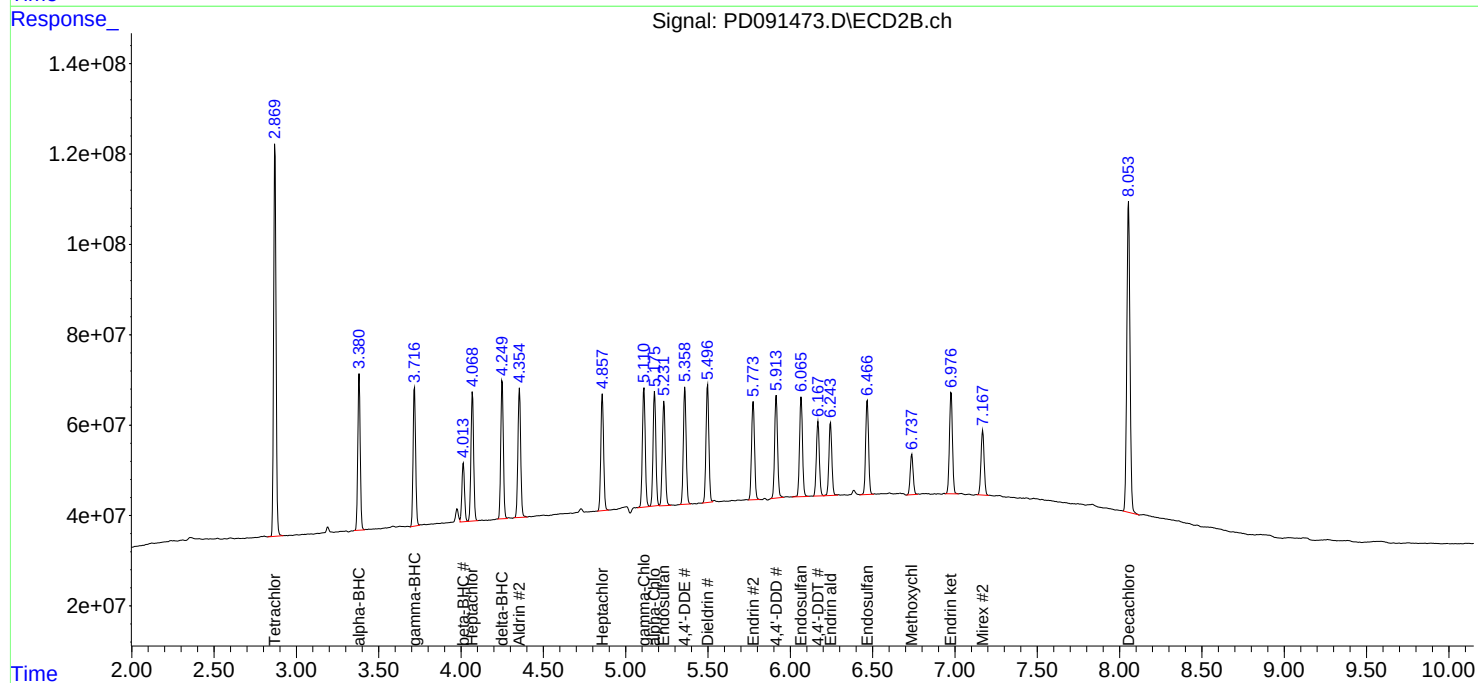
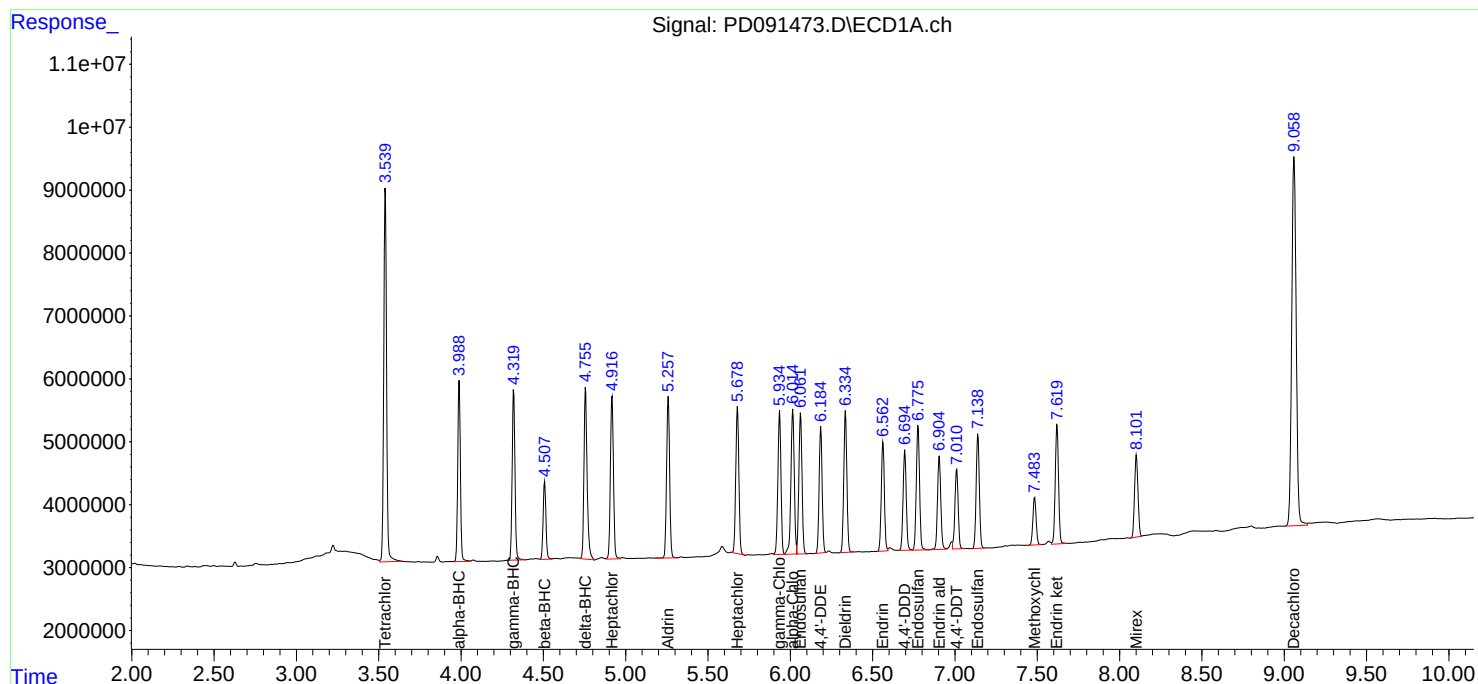
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

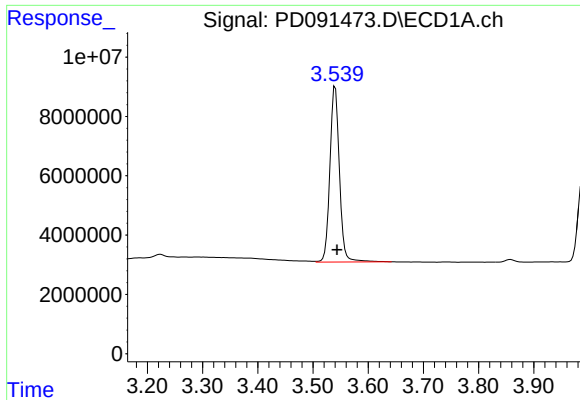
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120525\  
Data File : PD091473.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2025 15:36  
Operator : AR\AJ  
Sample : Q3530-02  
Misc : PEST LOQ 5PPB  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 15:57:24 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

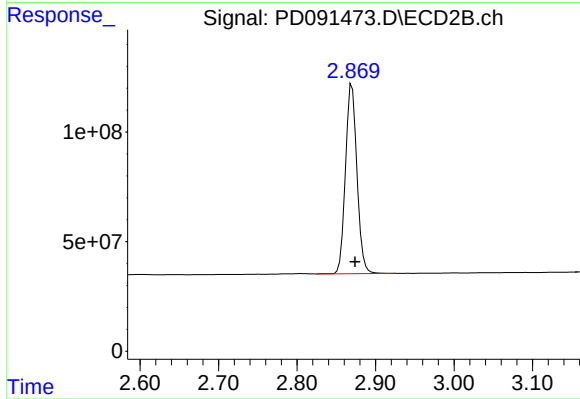




#1 Tetrachloro-m-xylene

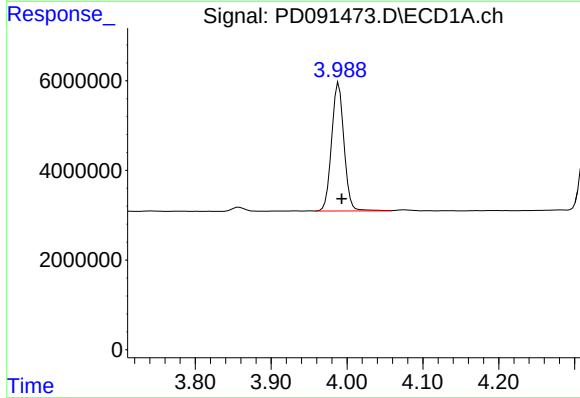
R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 71197901  
Conc: 20.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



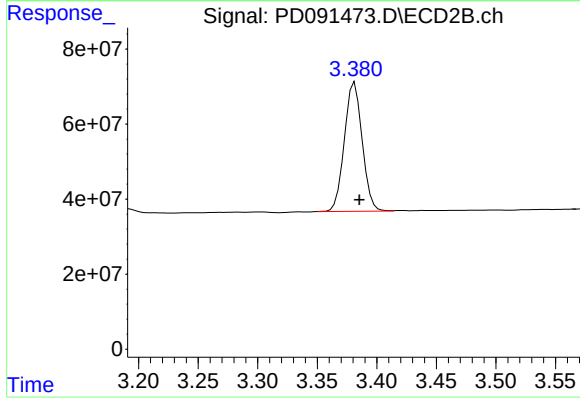
#1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: -0.004 min  
Response: 880553701  
Conc: 24.04 ng/ml



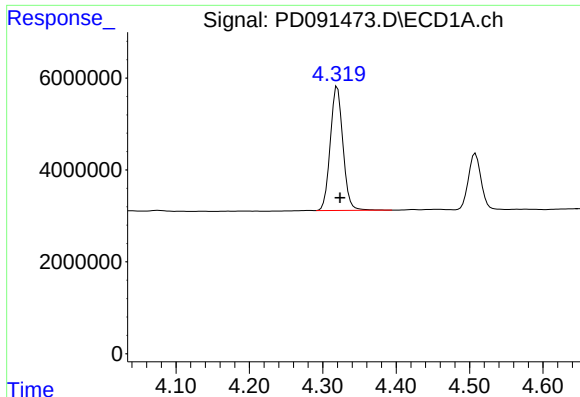
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: -0.004 min  
Response: 32493485  
Conc: 4.06 ng/ml



#2 alpha-BHC

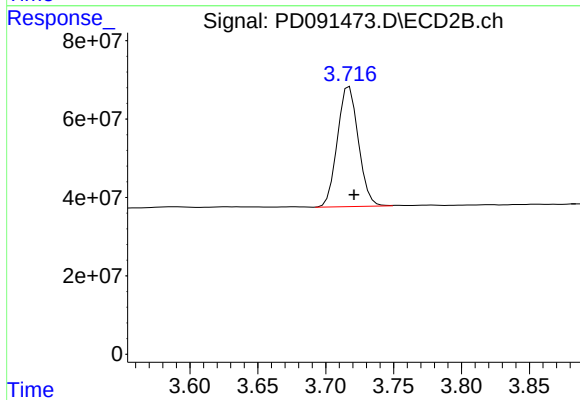
R.T.: 3.381 min  
Delta R.T.: -0.004 min  
Response: 358162254  
Conc: 5.67 ng/ml



#3 gamma-BHC (Lindane)

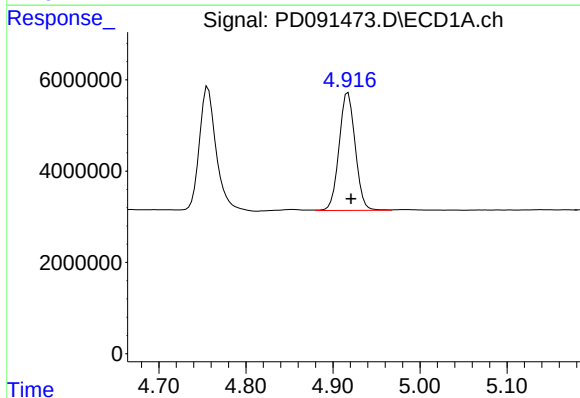
R.T.: 4.320 min  
Delta R.T.: -0.004 min  
Response: 32331927  
Conc: 4.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



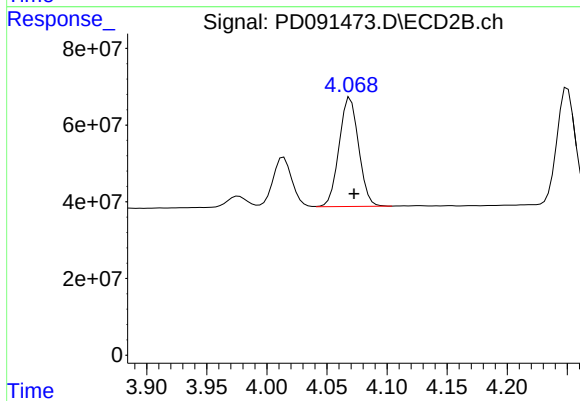
#3 gamma-BHC (Lindane)

R.T.: 3.717 min  
Delta R.T.: -0.003 min  
Response: 329581381  
Conc: 5.70 ng/ml



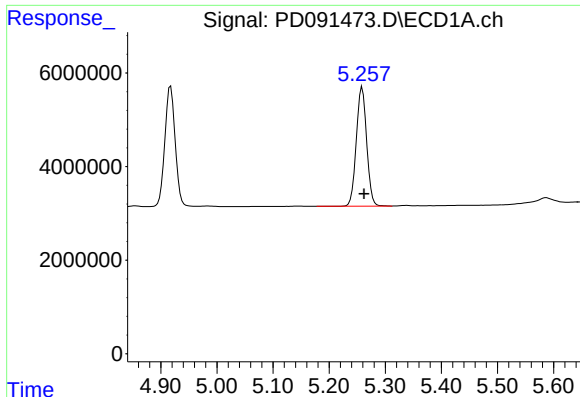
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: -0.004 min  
Response: 33335219  
Conc: 4.65 ng/ml



#4 Heptachlor

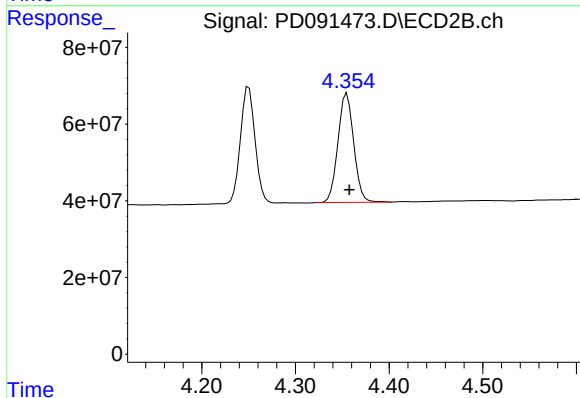
R.T.: 4.069 min  
Delta R.T.: -0.003 min  
Response: 322354879  
Conc: 5.84 ng/ml



#5 Aldrin

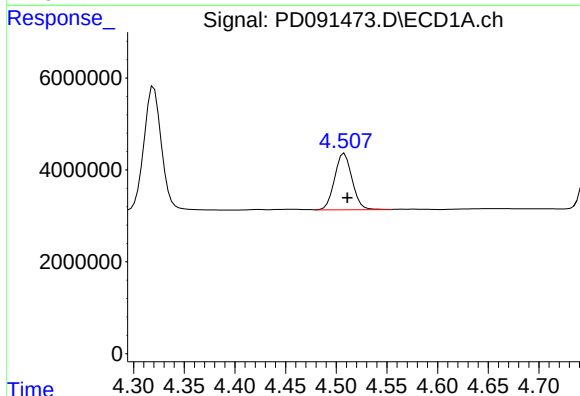
R.T.: 5.259 min  
Delta R.T.: -0.003 min  
Response: 32744922  
Conc: 4.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



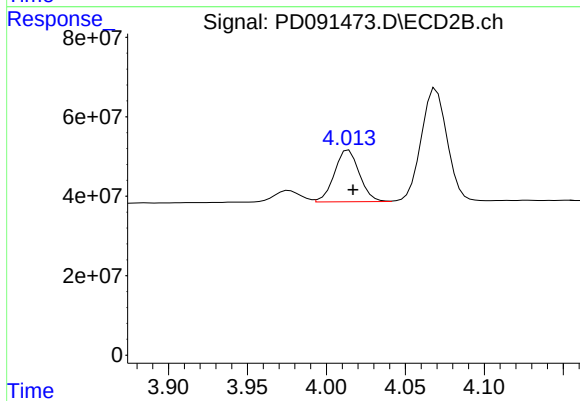
#5 Aldrin

R.T.: 4.355 min  
Delta R.T.: -0.003 min  
Response: 334525245  
Conc: 5.93 ng/ml



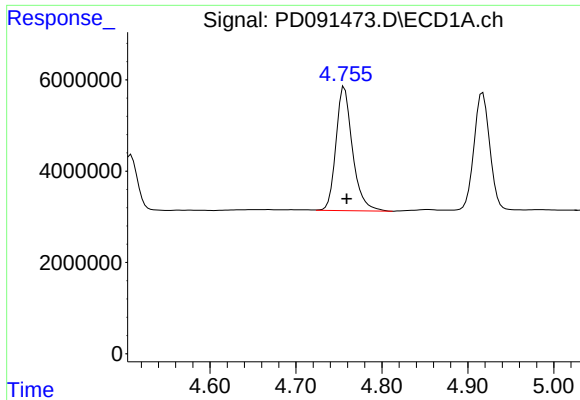
#6 beta-BHC

R.T.: 4.508 min  
Delta R.T.: -0.003 min  
Response: 14771426  
Conc: 5.08 ng/ml



#6 beta-BHC

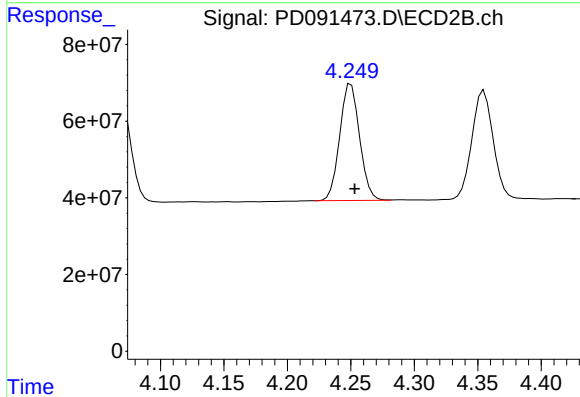
R.T.: 4.014 min  
Delta R.T.: -0.003 min  
Response: 143105350  
Conc: 5.96 ng/ml



#7 delta-BHC

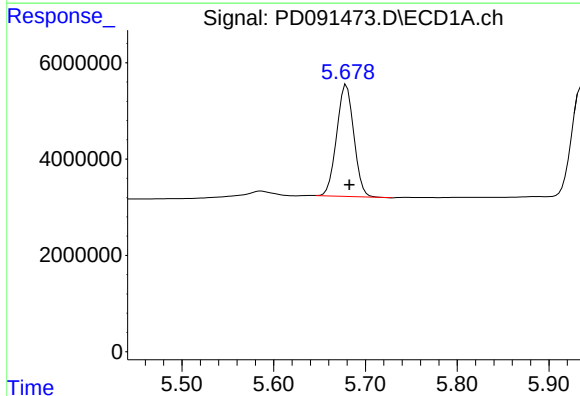
R.T.: 4.756 min  
Delta R.T.: -0.003 min  
Response: 36226794  
Conc: 4.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



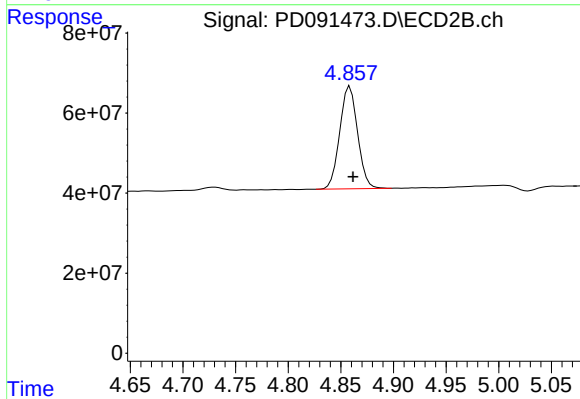
#7 delta-BHC

R.T.: 4.250 min  
Delta R.T.: -0.003 min  
Response: 331164621  
Conc: 5.66 ng/ml



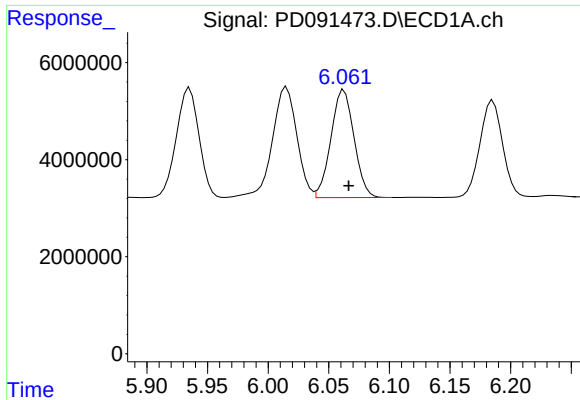
#8 Heptachlor epoxide

R.T.: 5.678 min  
Delta R.T.: -0.005 min  
Response: 30198836  
Conc: 4.65 ng/ml m



#8 Heptachlor epoxide

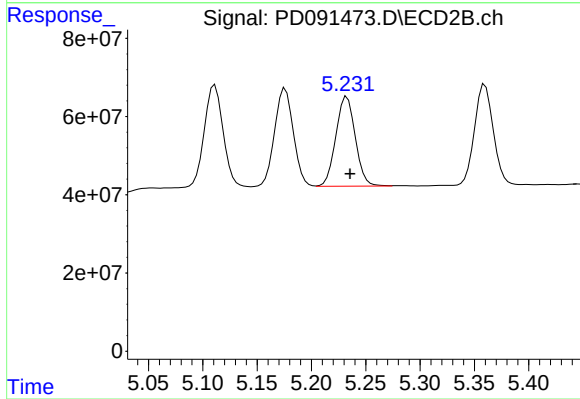
R.T.: 4.857 min  
Delta R.T.: -0.004 min  
Response: 303840839  
Conc: 5.96 ng/ml m



#9 Endosulfan I

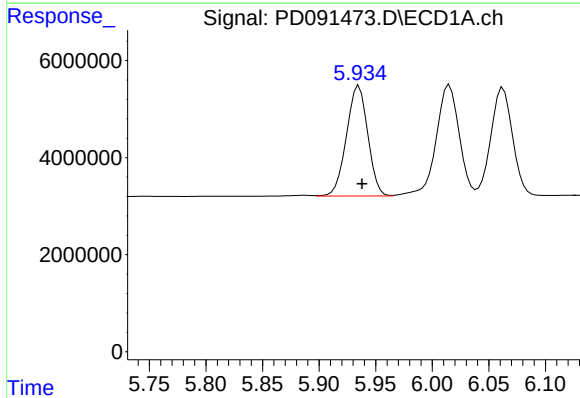
R.T.: 6.063 min  
Delta R.T.: -0.004 min  
Response: 29481870  
Conc: 4.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



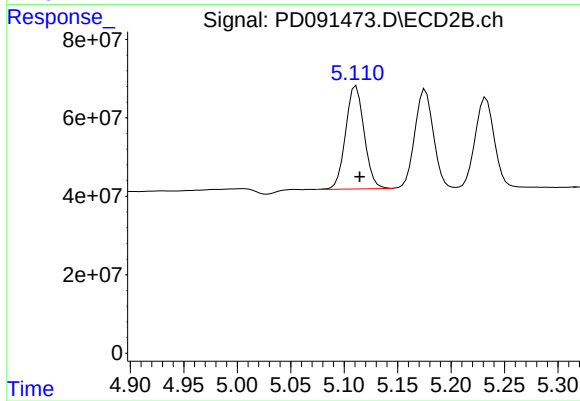
#9 Endosulfan I

R.T.: 5.231 min  
Delta R.T.: -0.004 min  
Response: 286179025  
Conc: 5.98 ng/ml m



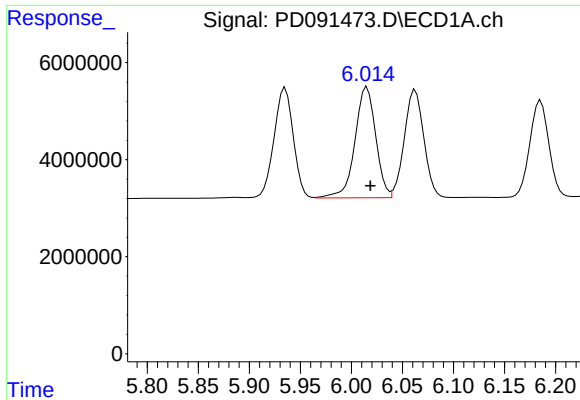
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: -0.003 min  
Response: 29782892  
Conc: 4.58 ng/ml



#10 gamma-Chlordane

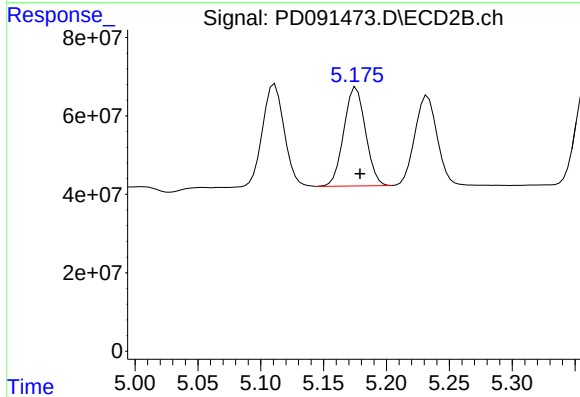
R.T.: 5.110 min  
Delta R.T.: -0.005 min  
Response: 318275802  
Conc: 5.83 ng/ml m



#11 alpha-Chlordane

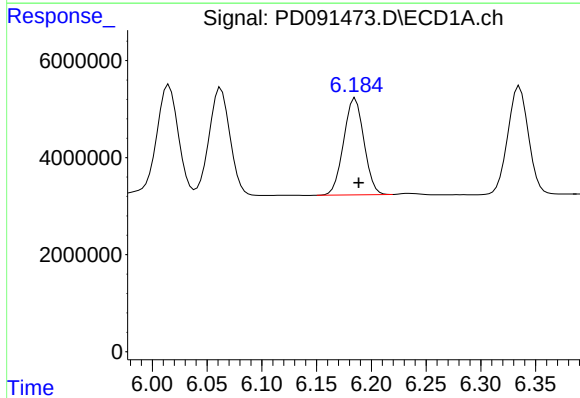
R.T.: 6.015 min  
Delta R.T.: -0.003 min  
Response: 32257307  
Conc: 4.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



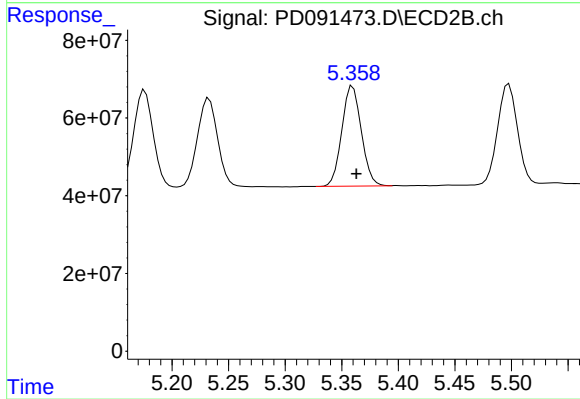
#11 alpha-Chlordane

R.T.: 5.175 min  
Delta R.T.: -0.004 min  
Response: 301669175  
Conc: 5.76 ng/ml m



#12 4,4'-DDE

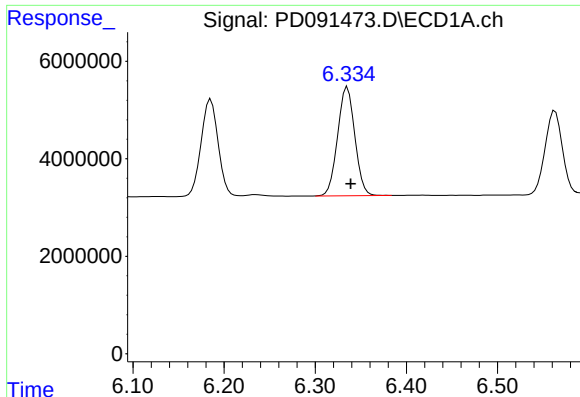
R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 25685977  
Conc: 4.43 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min  
Delta R.T.: -0.005 min  
Response: 309133389  
Conc: 5.78 ng/ml m

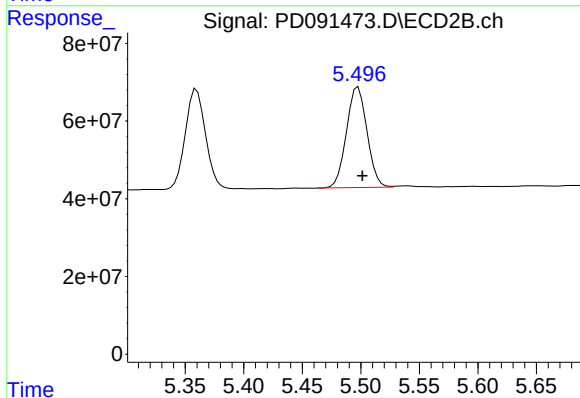




#13 Dieldrin

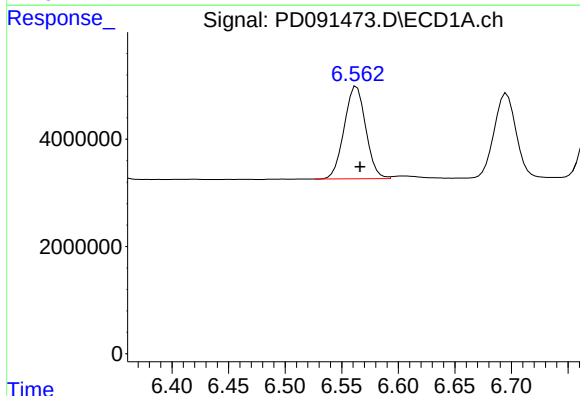
R.T.: 6.335 min  
Delta R.T.: -0.004 min  
Response: 29272056  
Conc: 4.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



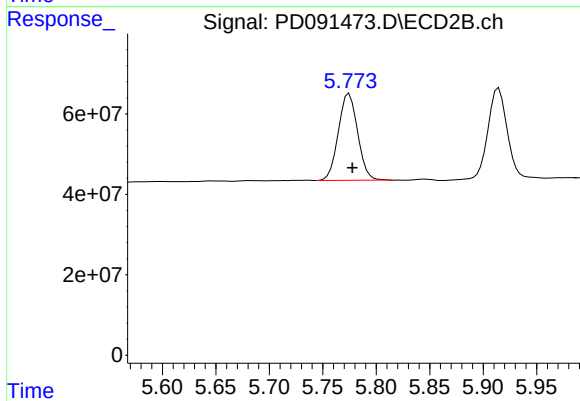
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: -0.004 min  
Response: 316515731  
Conc: 5.83 ng/ml



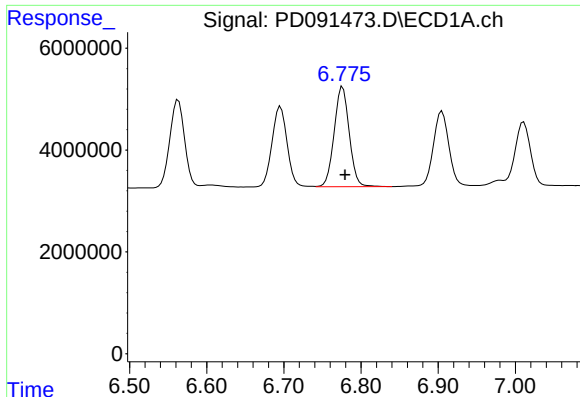
#14 Endrin

R.T.: 6.563 min  
Delta R.T.: -0.003 min  
Response: 22842778  
Conc: 4.60 ng/ml



#14 Endrin

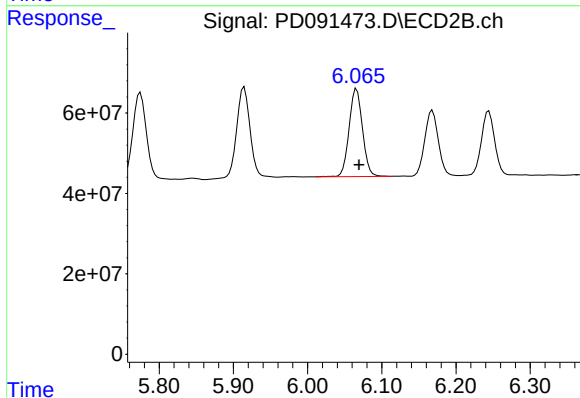
R.T.: 5.773 min  
Delta R.T.: -0.004 min  
Response: 271375245  
Conc: 6.00 ng/ml m



#15 Endosulfan II

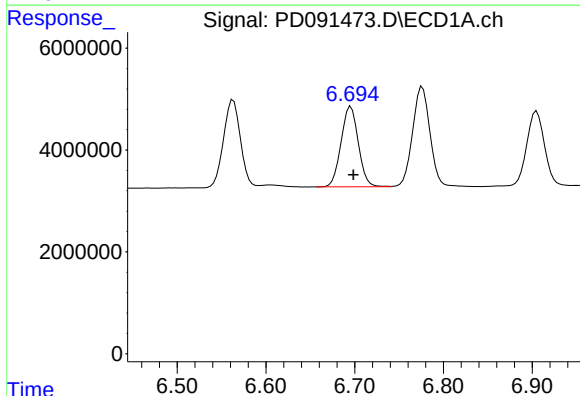
R.T.: 6.776 min  
Delta R.T.: -0.003 min  
Response: 26737399  
Conc: 4.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



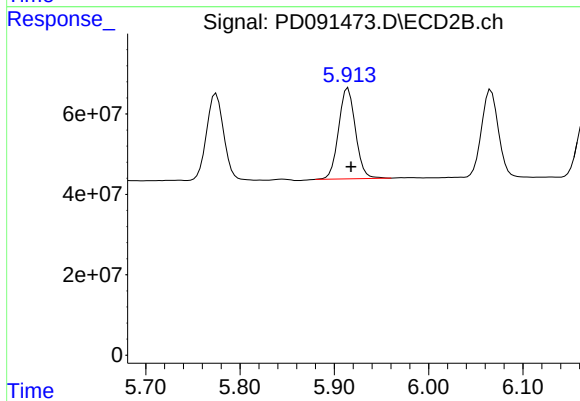
#15 Endosulfan II

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 273794716  
Conc: 5.87 ng/ml



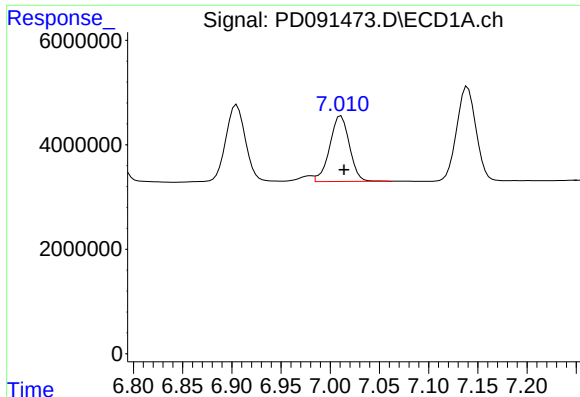
#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: -0.003 min  
Response: 21363734  
Conc: 4.35 ng/ml



#16 4,4'-DDD

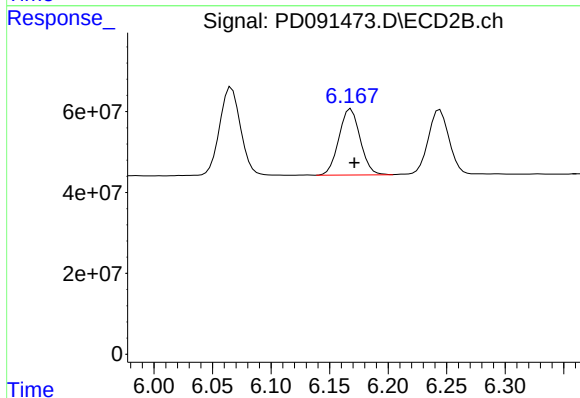
R.T.: 5.915 min  
Delta R.T.: -0.003 min  
Response: 280399901  
Conc: 5.74 ng/ml



#17 4,4'-DDT

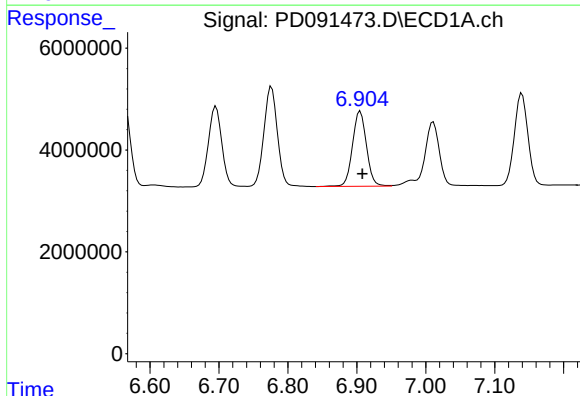
R.T.: 7.011 min  
Delta R.T.: -0.003 min  
Response: 17509104  
Conc: 4.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



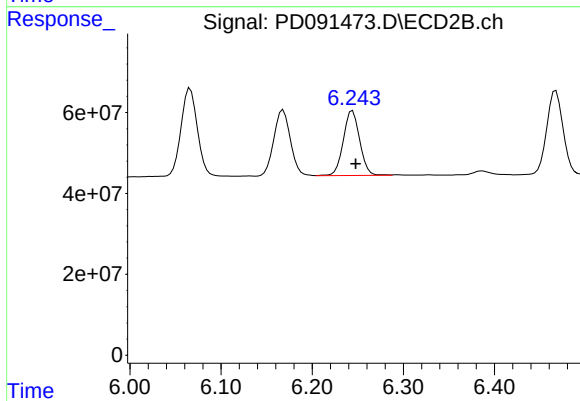
#17 4,4'-DDT

R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 207076789  
Conc: 5.29 ng/ml



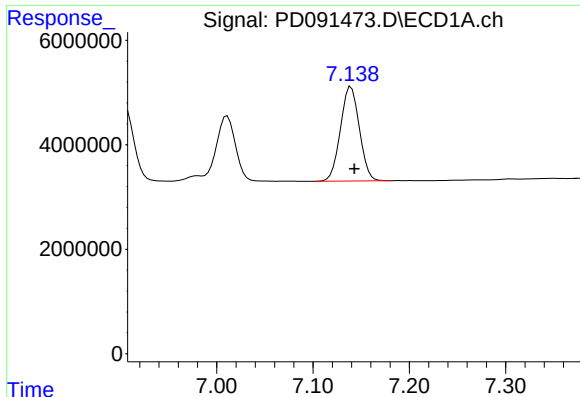
#18 Endrin aldehyde

R.T.: 6.905 min  
Delta R.T.: -0.003 min  
Response: 20759643  
Conc: 4.98 ng/ml



#18 Endrin aldehyde

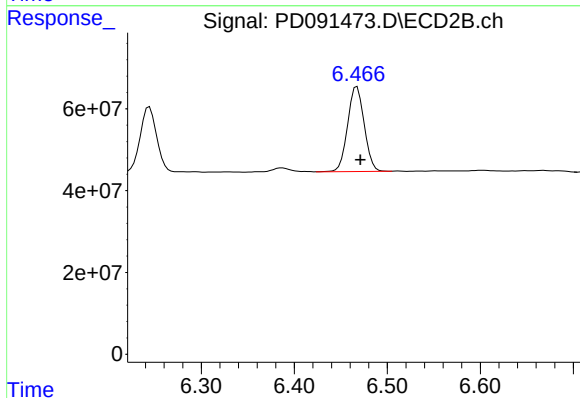
R.T.: 6.244 min  
Delta R.T.: -0.003 min  
Response: 200597560  
Conc: 5.68 ng/ml



#19 Endosulfan Sulfate

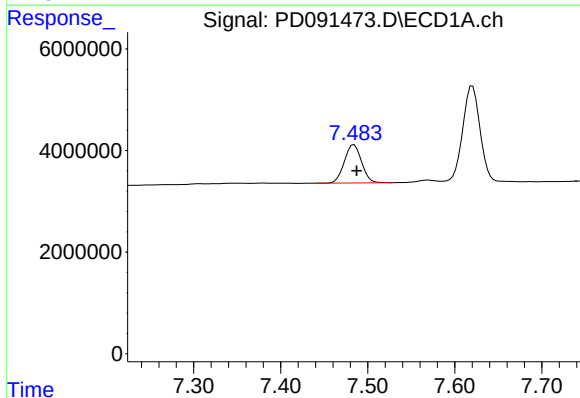
R.T.: 7.140 min  
Delta R.T.: -0.004 min  
Response: 24585927  
Conc: 4.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



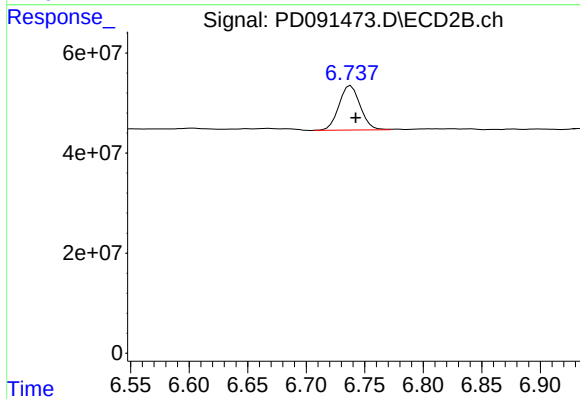
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 257953281  
Conc: 5.75 ng/ml



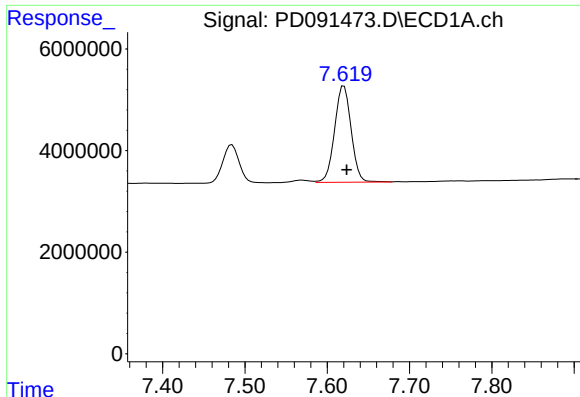
#20 Methoxychlor

R.T.: 7.484 min  
Delta R.T.: -0.003 min  
Response: 10400257  
Conc: 4.78 ng/ml



#20 Methoxychlor

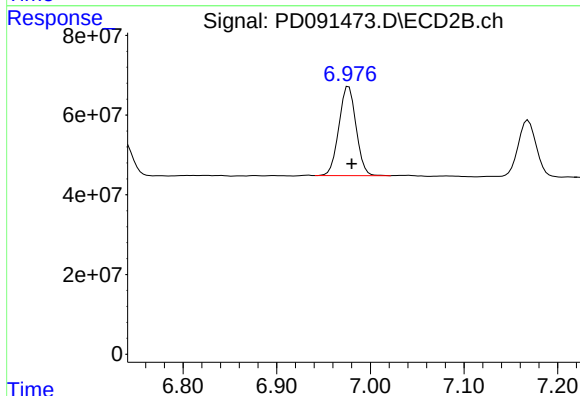
R.T.: 6.738 min  
Delta R.T.: -0.004 min  
Response: 111886360  
Conc: 5.58 ng/ml



#21 Endrin ketone

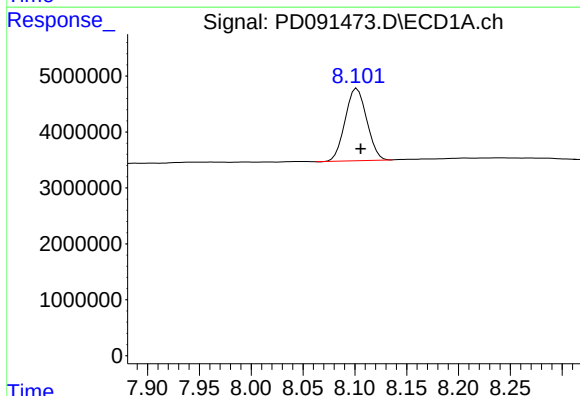
R.T.: 7.620 min  
Delta R.T.: -0.003 min  
Response: 26508713  
Conc: 4.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



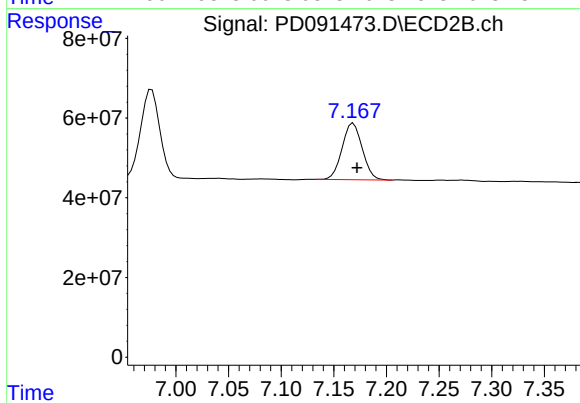
#21 Endrin ketone

R.T.: 6.977 min  
Delta R.T.: -0.003 min  
Response: 284924668  
Conc: 5.59 ng/ml



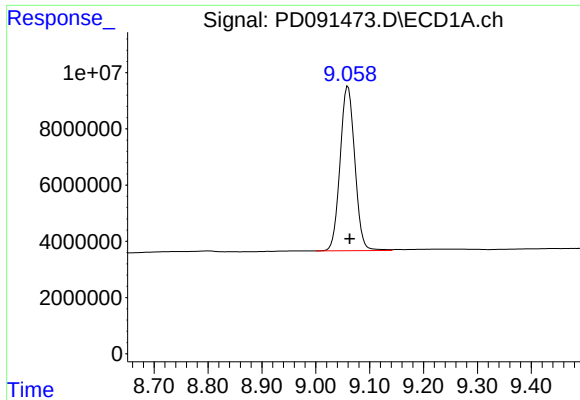
#22 Mirex

R.T.: 8.102 min  
Delta R.T.: -0.004 min  
Response: 18739361  
Conc: 5.27 ng/ml



#22 Mirex

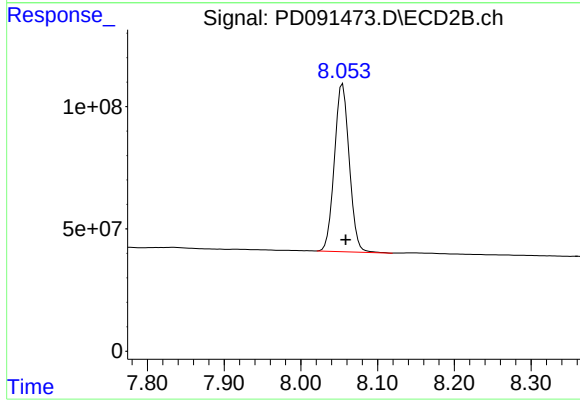
R.T.: 7.169 min  
Delta R.T.: -0.004 min  
Response: 189635132  
Conc: 5.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: -0.004 min  
Response: 111004624  
Conc: 22.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOQ-SOIL-02-QT4-2025



#28 Decachlorobiphenyl

R.T.: 8.054 min  
Delta R.T.: -0.004 min  
Response: 922169733  
Conc: 23.30 ng/ml