

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP020124\  
 Data File : PP063221.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2024 04:08  
 Operator : YP\AJ  
 Sample : P1187-02  
 Misc : AR1268 LOQ 50 PPB  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 06:30:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Feb 01 16:28:12 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.492  | 3.647  | 40387946 | 39206636 | 16.885 | 16.495    |
| 2)                          | SA Decachlor... | 10.363 | 8.699  | 48186296 | 51822520 | 21.427 | 20.921    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 9)                          | L2 AR-1221-2    | 4.802  | 3.948  | 691319   | 493826   | 32.403 | 25.001    |
| 12)                         | L3 AR-1232-2    | 5.378f | 0.000  | 180795   | 0        | 5.976  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.599  | 0.000  | 662510   | 0        | 14.856 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.599  | 0.000  | 662510   | 0        | 8.516  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.760  | 0.000  | 1210575  | 0        | 9.223  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.127  | 0.000  | 3492688  | 0        | 26.122 | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.419  | 0.000  | 772252   | 0        | 9.776  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.825  | 0.000  | 265676   | 0        | 2.682  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.559  | 6.405f | 586027   | 330632   | 4.608  | 2.239 #   |
| 33)                         | L7 AR-1260-3    | 7.914  | 6.571  | 2600529  | 638696   | 25.157 | 4.405 #   |
| 34)                         | L7 AR-1260-4    | 8.165f | 7.054  | 3664462  | 3906335  | 31.210 | 32.046    |
| 35)                         | L7 AR-1260-5    | 8.473  | 7.297  | 1086000  | 1860803  | 5.534  | 7.490 #   |
| 36)                         | L8 AR-1262-1    | 7.972  | 6.845  | 14723    | 204179   | 0.233  | 2.877 #   |
| 37)                         | L8 AR-1262-2    | 8.473  | 7.054  | 1086000  | 3906335  | 4.713  | 23.842 #  |
| 38)                         | L8 AR-1262-3    | 8.795  | 7.584  | 12478428 | 13251006 | 75.525 | 109.563 # |
| 39)                         | L8 AR-1262-4    | 8.891  | 7.648  | 11133087 | 12220375 | 82.428 | 57.989 #  |
| 40)                         | L8 AR-1262-5    | 9.573  | 8.145  | 2960388  | 3884809  | 40.621 | 47.585    |
| 41)                         | L9 AR-1268-1    | 8.795  | 7.584  | 12478428 | 13251006 | 42.848 | 41.197    |
| 42)                         | L9 AR-1268-2    | 8.891  | 7.648  | 11133087 | 12220375 | 44.098 | 40.894    |
| 43)                         | L9 AR-1268-3    | 9.130  | 7.858  | 10211884 | 12666291 | 42.840 | 44.783    |
| 44)                         | L9 AR-1268-4    | 9.573  | 8.145  | 2960388  | 3884809  | 38.280 | 44.253    |
| 45)                         | L9 AR-1268-5    | 10.006 | 8.440  | 29889704 | 32210071 | 40.961 | 38.238    |
| -----                       |                 |        |        |          |          |        |           |

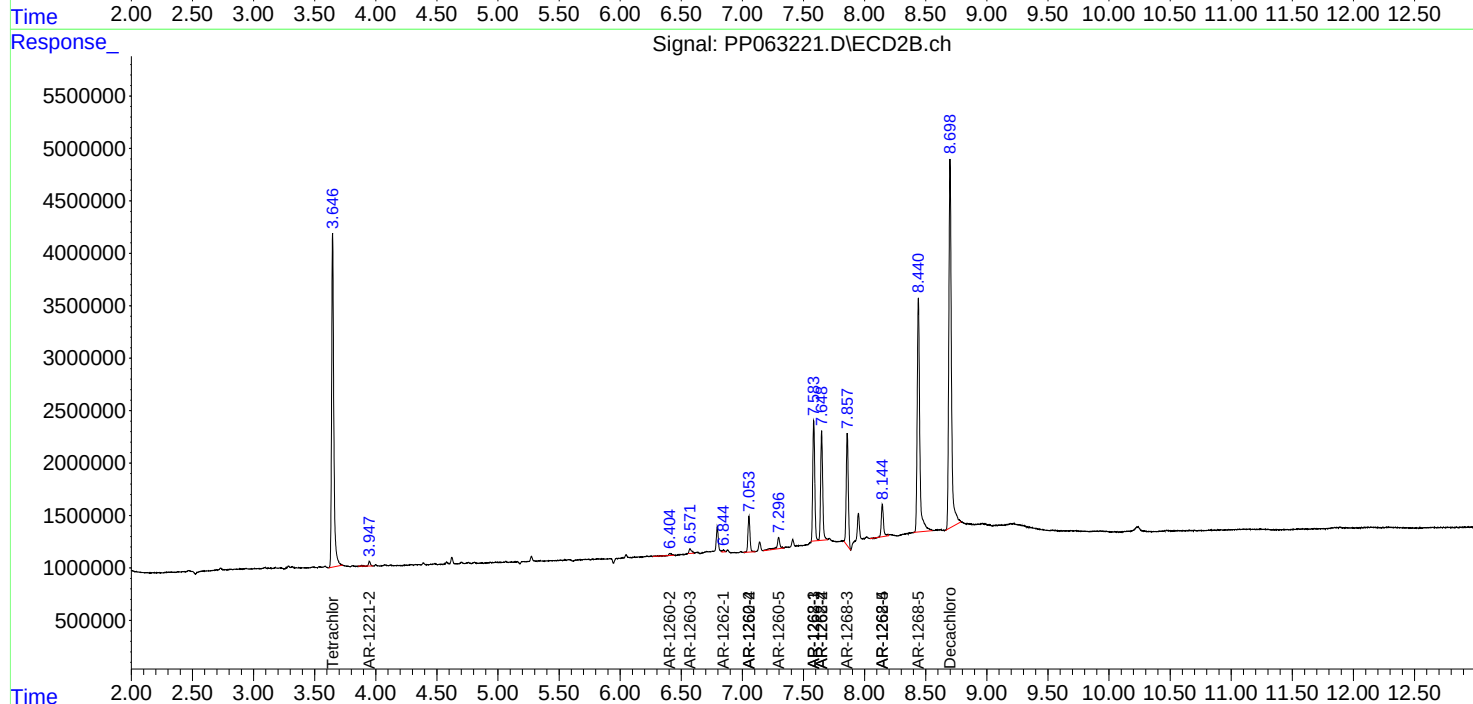
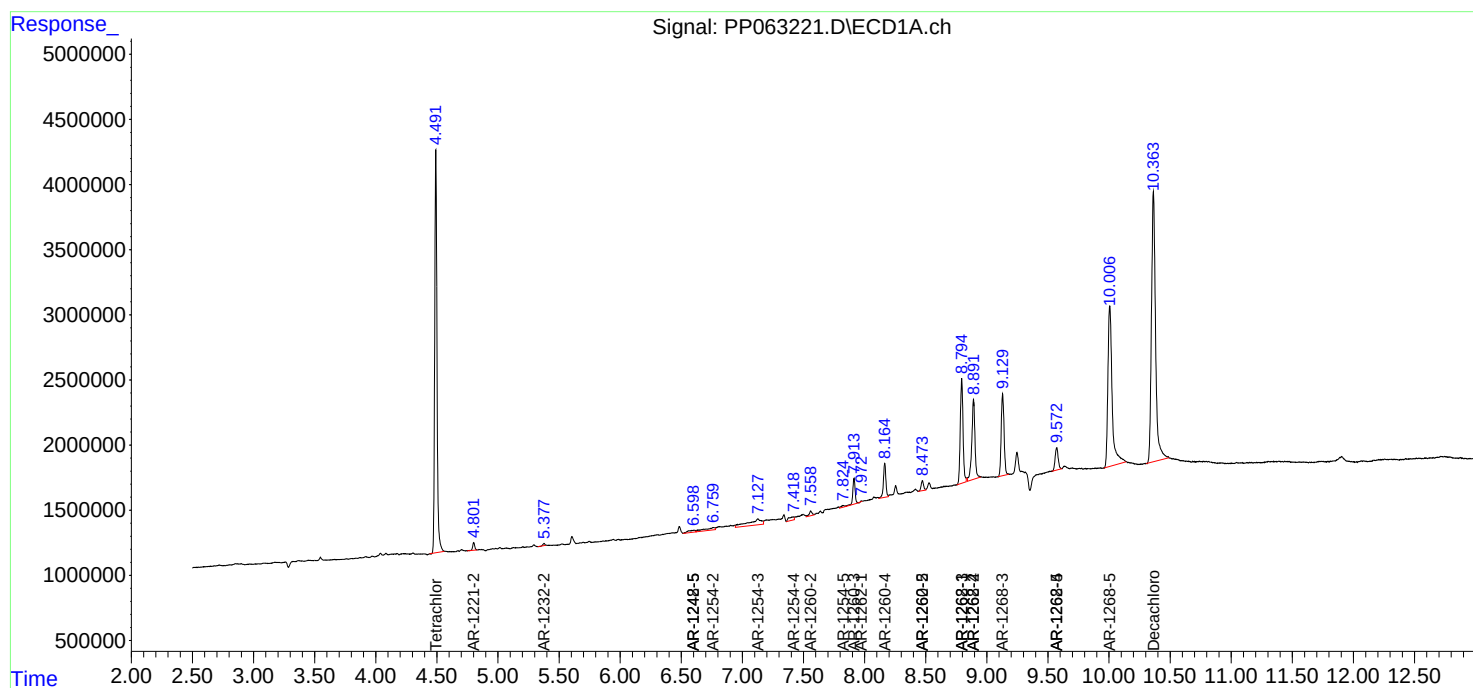
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

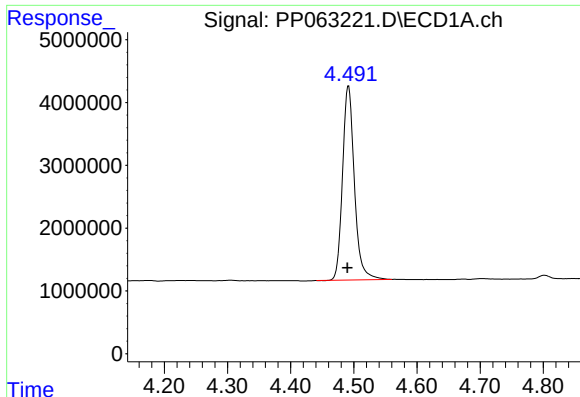
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP020124\  
Data File : PP063221.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Feb 2024 04:08  
Operator : YP\AJ  
Sample : P1187-02  
Misc : AR1268 LOQ 50 PPB  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 02 06:30:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Feb 01 16:28:12 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

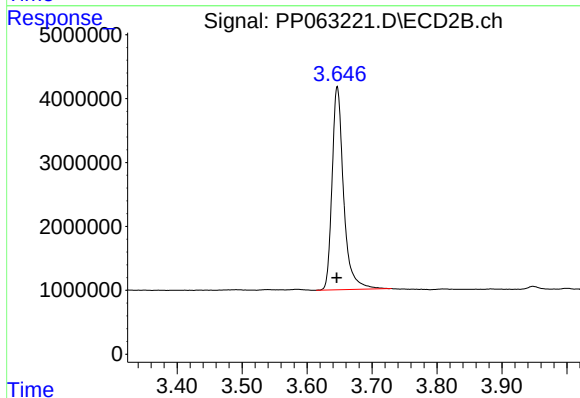




#1 Tetrachloro-m-xylene

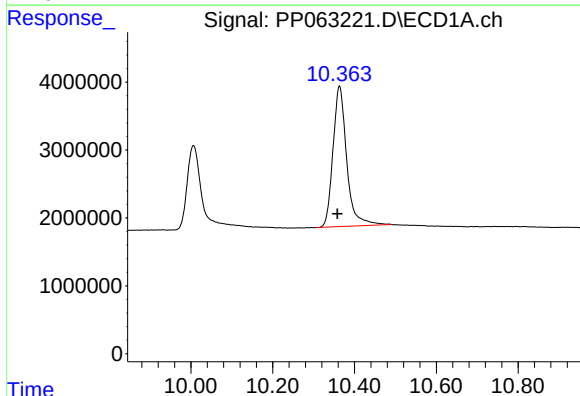
R.T.: 4.492 min  
Delta R.T.: 0.002 min  
Response: 40387946  
Conc: 16.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



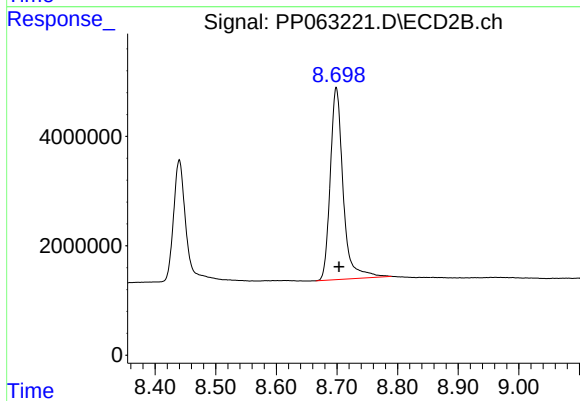
#1 Tetrachloro-m-xylene

R.T.: 3.647 min  
Delta R.T.: 0.001 min  
Response: 39206636  
Conc: 16.49 ng/ml



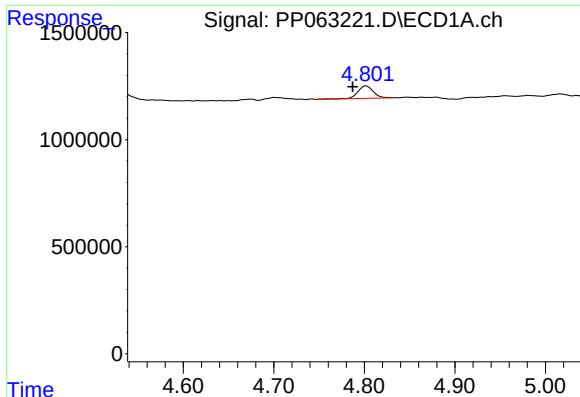
#2 Decachlorobiphenyl

R.T.: 10.363 min  
Delta R.T.: 0.005 min  
Response: 48186296  
Conc: 21.43 ng/ml



#2 Decachlorobiphenyl

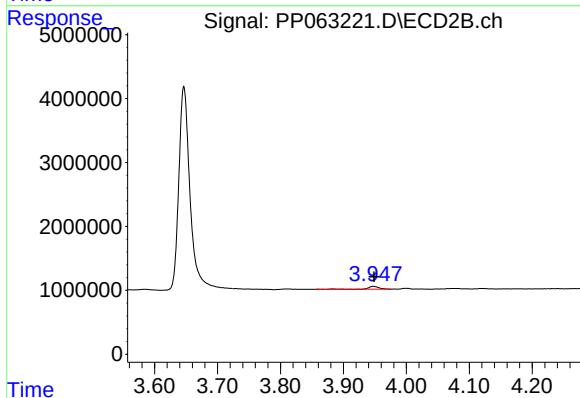
R.T.: 8.699 min  
Delta R.T.: -0.005 min  
Response: 51822520  
Conc: 20.92 ng/ml



#9 AR-1221-2

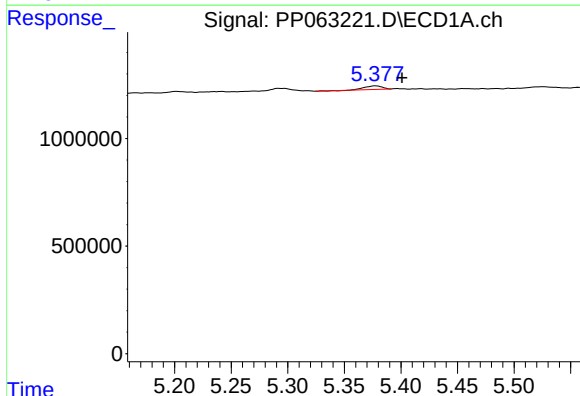
R.T.: 4.802 min  
Delta R.T.: 0.015 min  
Response: 691319  
Conc: 32.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



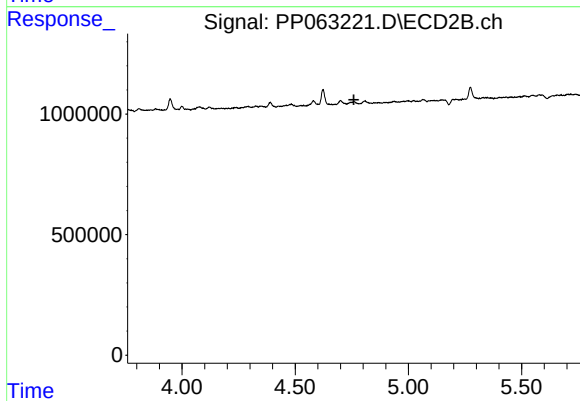
#9 AR-1221-2

R.T.: 3.948 min  
Delta R.T.: -0.001 min  
Response: 493826  
Conc: 25.00 ng/ml



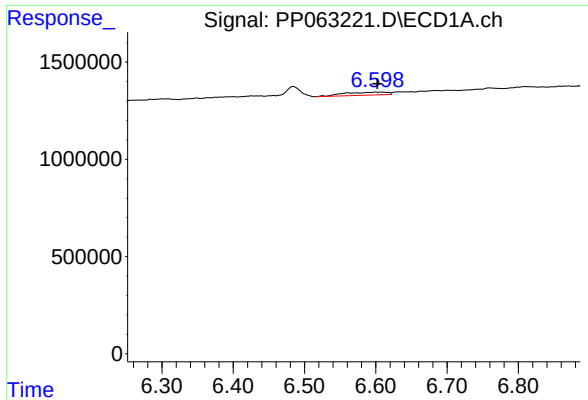
#12 AR-1232-2

R.T.: 5.378 min  
Delta R.T.: -0.023 min  
Response: 180795  
Conc: 5.98 ng/ml



#12 AR-1232-2

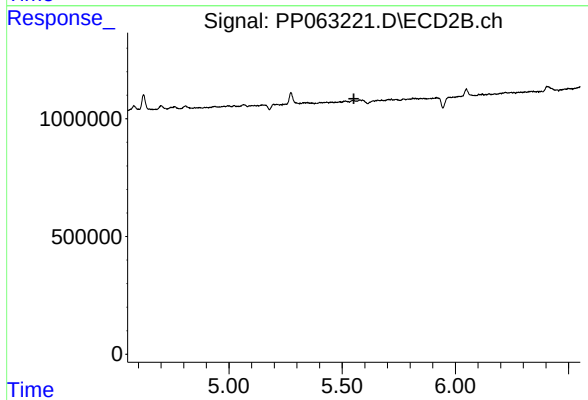
R.T.: 0.000 min  
Exp R.T.: 4.759 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

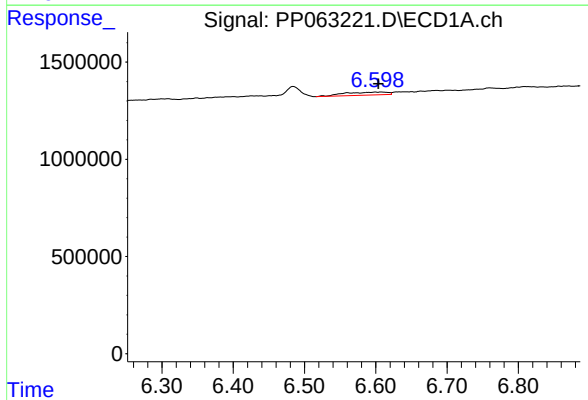
R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 662510  
Conc: 14.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



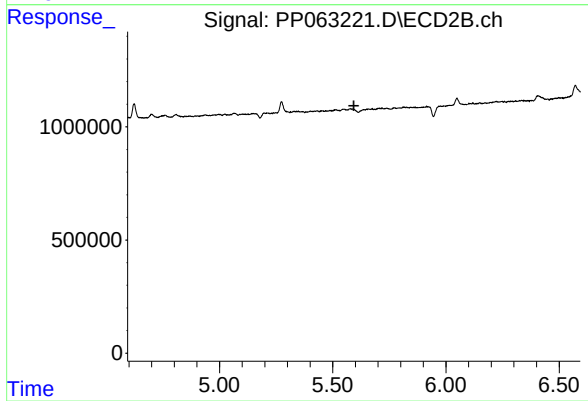
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



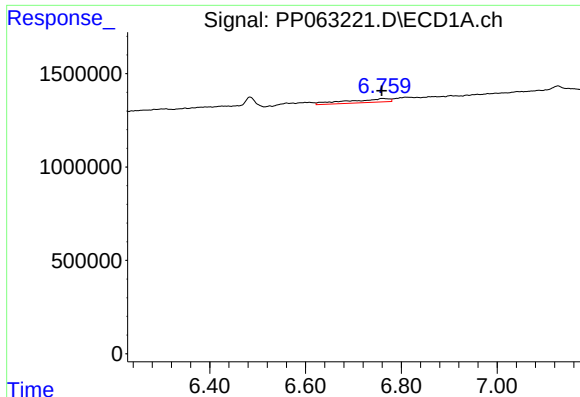
#25 AR-1248-5

R.T.: 6.599 min  
Delta R.T.: -0.004 min  
Response: 662510  
Conc: 8.52 ng/ml



#25 AR-1248-5

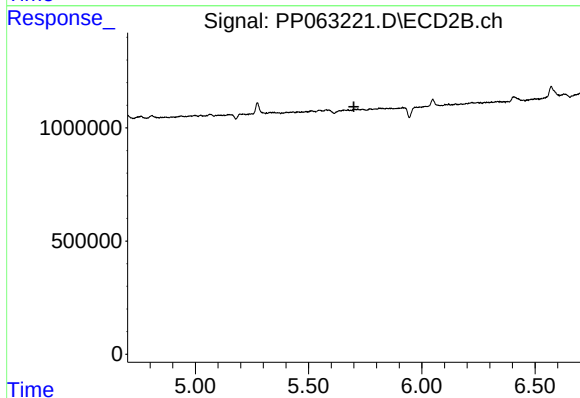
R.T.: 0.000 min  
Exp R.T. : 5.593 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

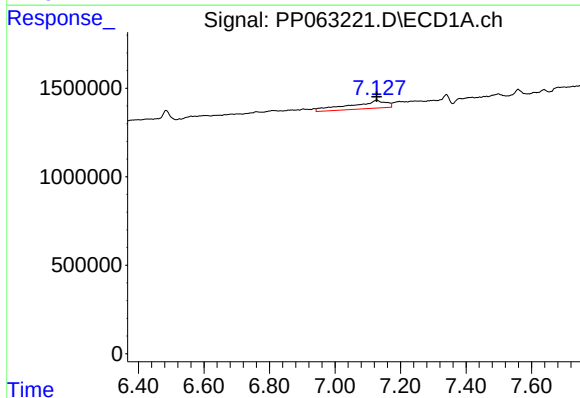
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 1210575  
Conc: 9.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



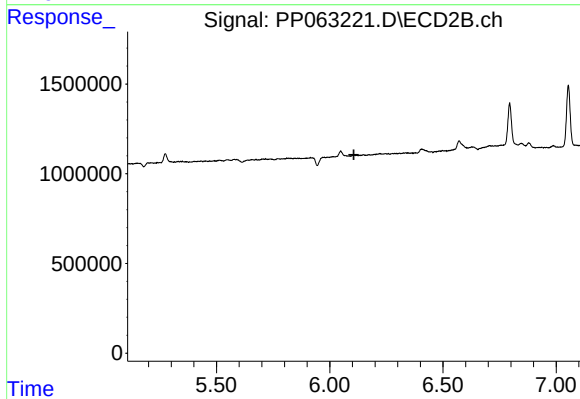
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.700 min  
Response: 0  
Conc: N.D.



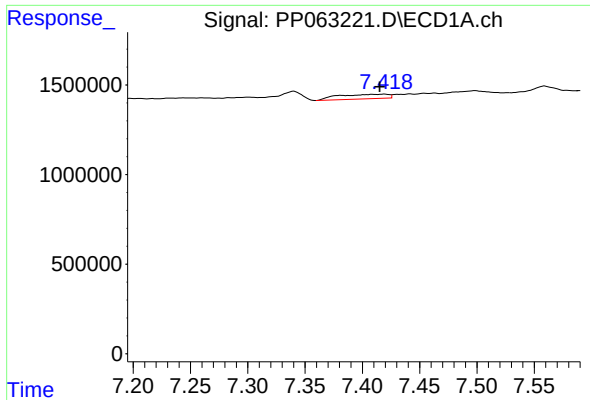
#28 AR-1254-3

R.T.: 7.127 min  
Delta R.T.: 0.000 min  
Response: 3492688  
Conc: 26.12 ng/ml



#28 AR-1254-3

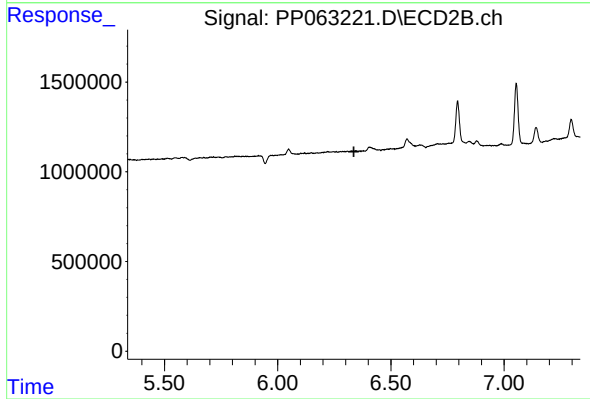
R.T.: 0.000 min  
Exp R.T. : 6.107 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

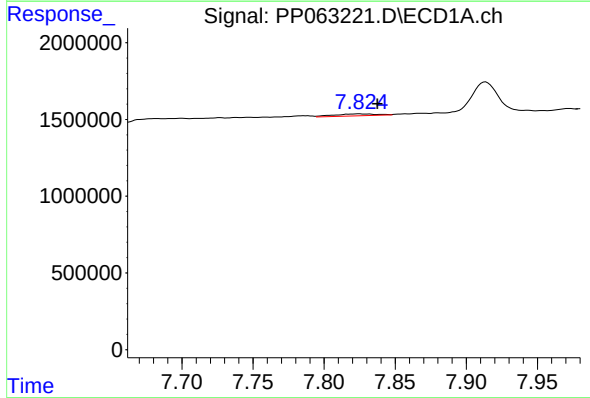
R.T.: 7.419 min  
Delta R.T.: 0.004 min  
Response: 772252  
Conc: 9.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



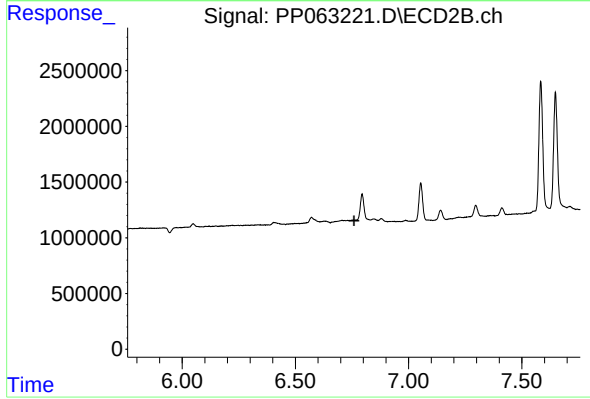
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.337 min  
Response: 0  
Conc: N.D.



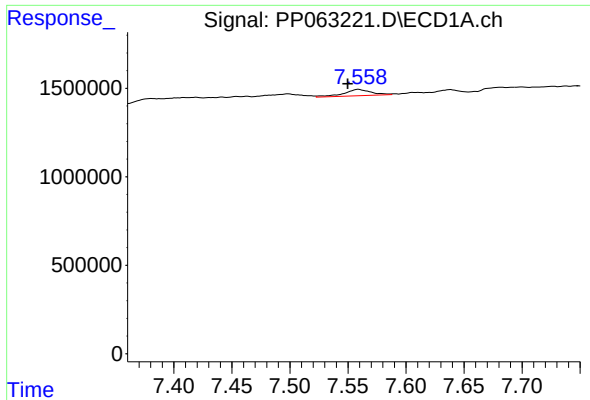
#30 AR-1254-5

R.T.: 7.825 min  
Delta R.T.: -0.013 min  
Response: 265676  
Conc: 2.68 ng/ml



#30 AR-1254-5

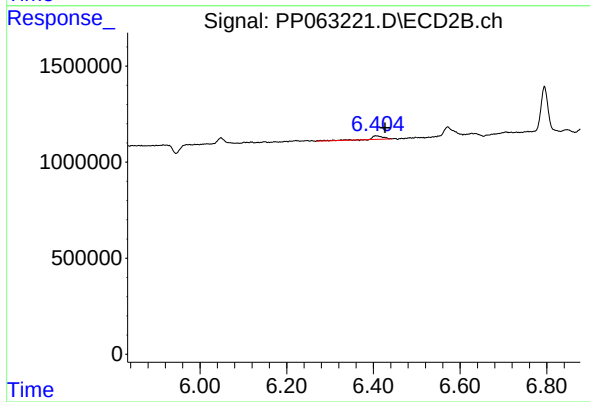
R.T.: 0.000 min  
Exp R.T. : 6.759 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

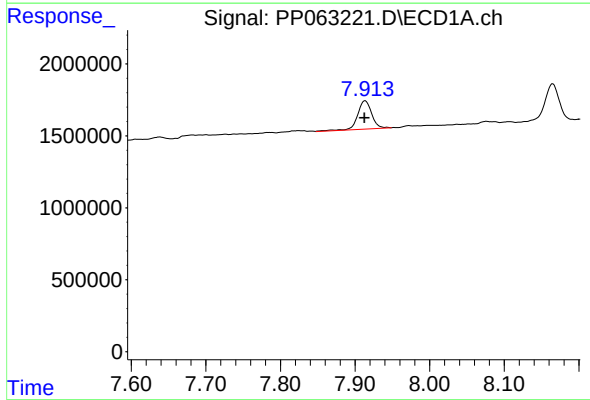
R.T.: 7.559 min  
Delta R.T.: 0.009 min  
Response: 586027  
Conc: 4.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



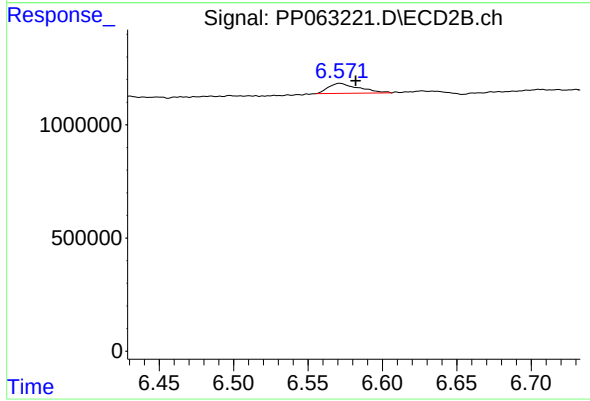
#32 AR-1260-2

R.T.: 6.405 min  
Delta R.T.: -0.022 min  
Response: 330632  
Conc: 2.24 ng/ml



#33 AR-1260-3

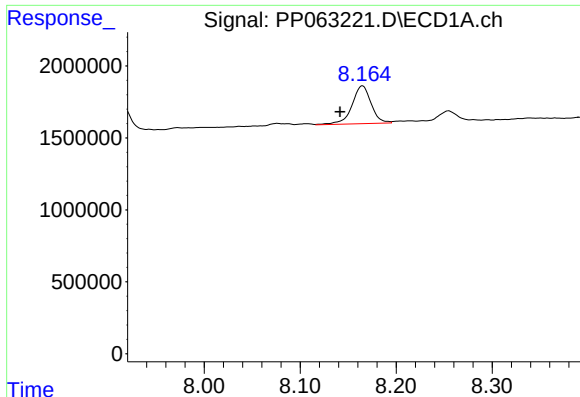
R.T.: 7.914 min  
Delta R.T.: 0.001 min  
Response: 2600529  
Conc: 25.16 ng/ml



#33 AR-1260-3

R.T.: 6.571 min  
Delta R.T.: -0.011 min  
Response: 638696  
Conc: 4.41 ng/ml

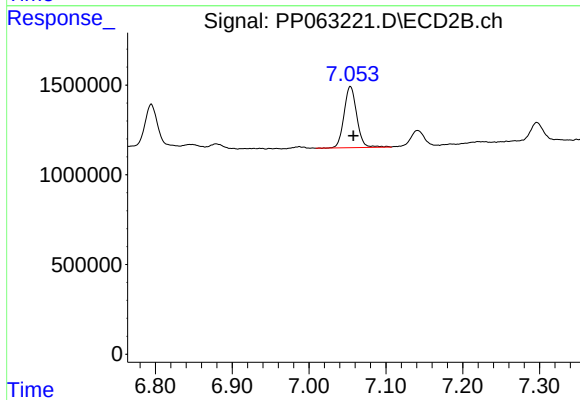




#34 AR-1260-4

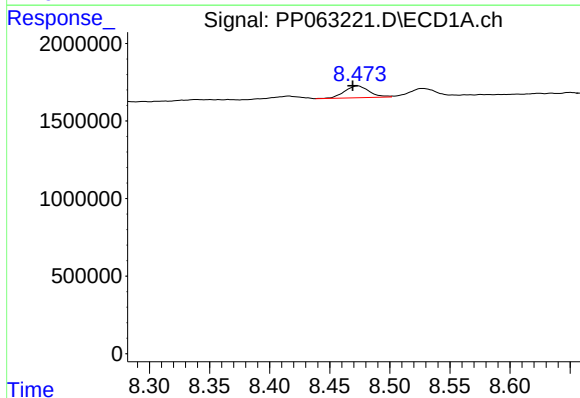
R.T.: 8.165 min  
Delta R.T.: 0.024 min  
Response: 3664462  
Conc: 31.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



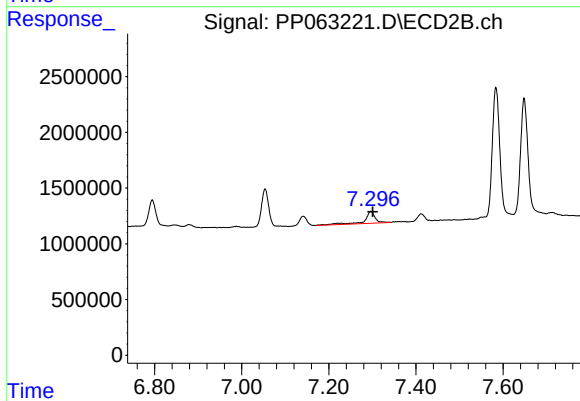
#34 AR-1260-4

R.T.: 7.054 min  
Delta R.T.: -0.004 min  
Response: 3906335  
Conc: 32.05 ng/ml



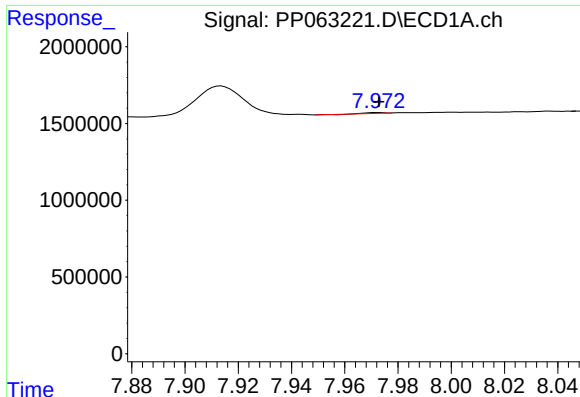
#35 AR-1260-5

R.T.: 8.473 min  
Delta R.T.: 0.004 min  
Response: 1086000  
Conc: 5.53 ng/ml



#35 AR-1260-5

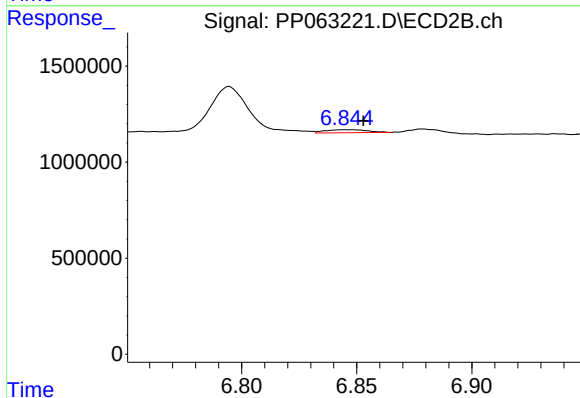
R.T.: 7.297 min  
Delta R.T.: -0.004 min  
Response: 1860803  
Conc: 7.49 ng/ml



#36 AR-1262-1

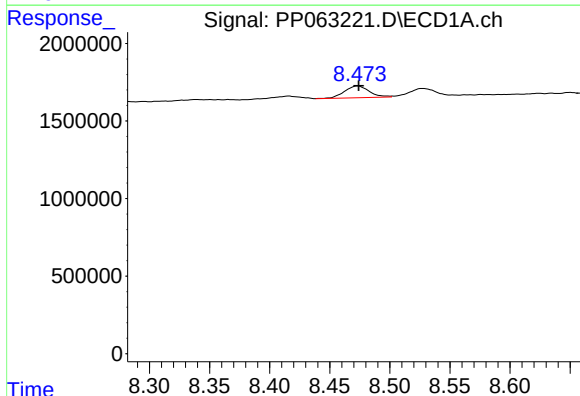
R.T.: 7.972 min  
Delta R.T.: 0.000 min  
Response: 14723  
Conc: 0.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



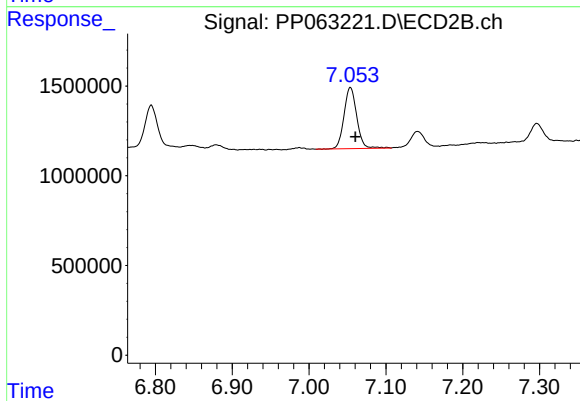
#36 AR-1262-1

R.T.: 6.845 min  
Delta R.T.: -0.008 min  
Response: 204179  
Conc: 2.88 ng/ml



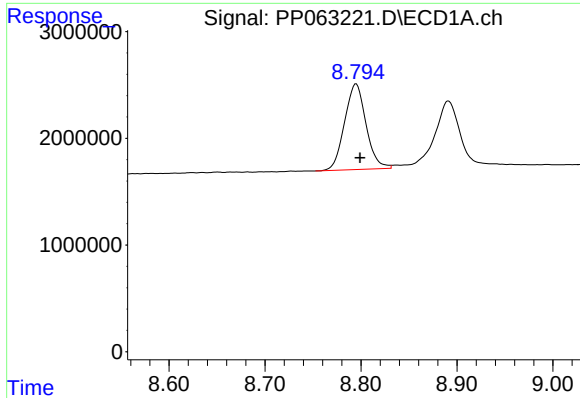
#37 AR-1262-2

R.T.: 8.473 min  
Delta R.T.: 0.000 min  
Response: 1086000  
Conc: 4.71 ng/ml



#37 AR-1262-2

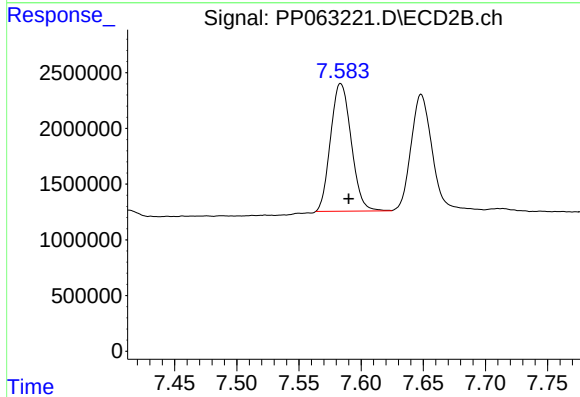
R.T.: 7.054 min  
Delta R.T.: -0.007 min  
Response: 3906335  
Conc: 23.84 ng/ml



#38 AR-1262-3

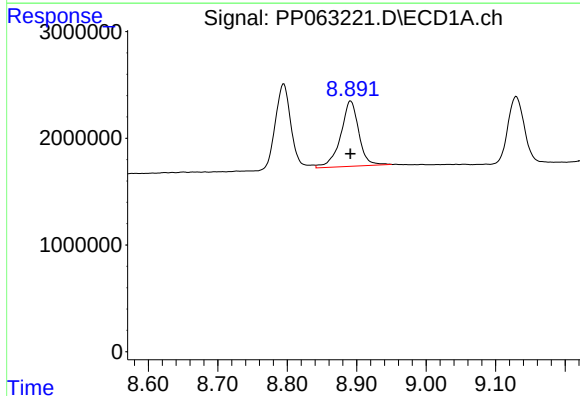
R.T.: 8.795 min  
Delta R.T.: -0.004 min  
Response: 12478428  
Conc: 75.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



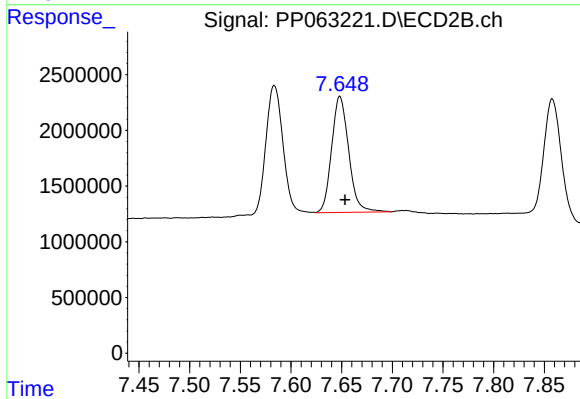
#38 AR-1262-3

R.T.: 7.584 min  
Delta R.T.: -0.006 min  
Response: 13251006  
Conc: 109.56 ng/ml



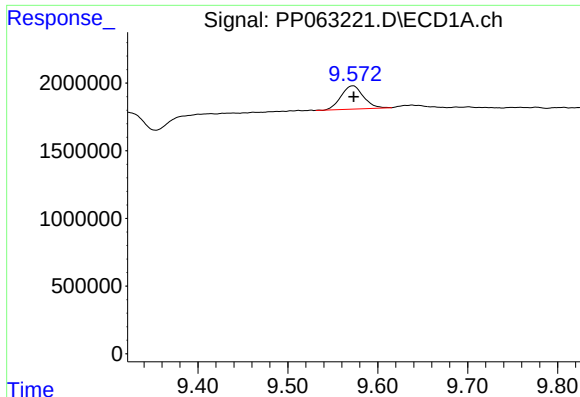
#39 AR-1262-4

R.T.: 8.891 min  
Delta R.T.: 0.000 min  
Response: 11133087  
Conc: 82.43 ng/ml



#39 AR-1262-4

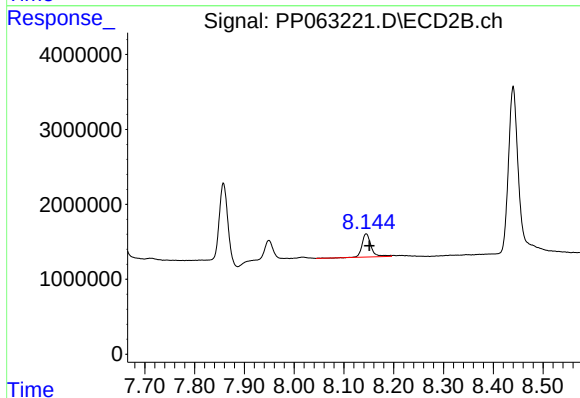
R.T.: 7.648 min  
Delta R.T.: -0.005 min  
Response: 12220375  
Conc: 57.99 ng/ml



#40 AR-1262-5

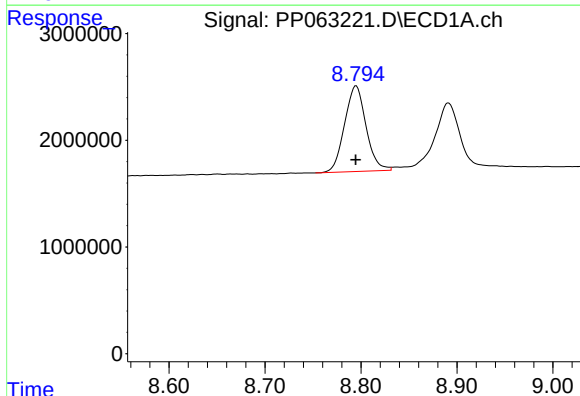
R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 2960388  
Conc: 40.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



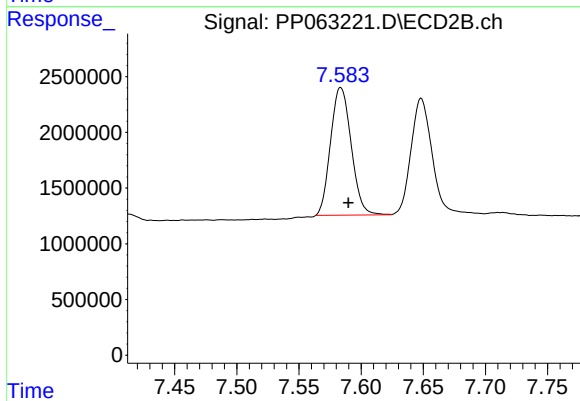
#40 AR-1262-5

R.T.: 8.145 min  
Delta R.T.: -0.007 min  
Response: 3884809  
Conc: 47.58 ng/ml



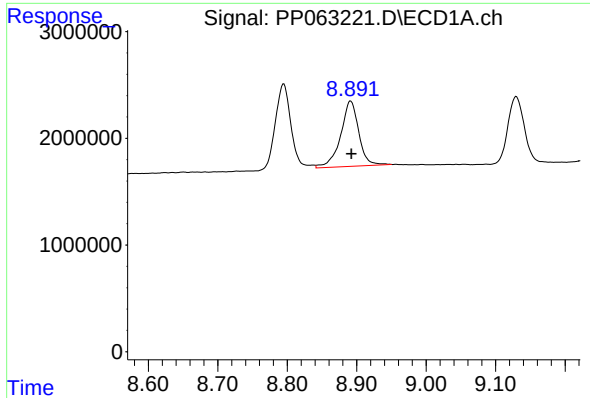
#41 AR-1268-1

R.T.: 8.795 min  
Delta R.T.: 0.000 min  
Response: 12478428  
Conc: 42.85 ng/ml



#41 AR-1268-1

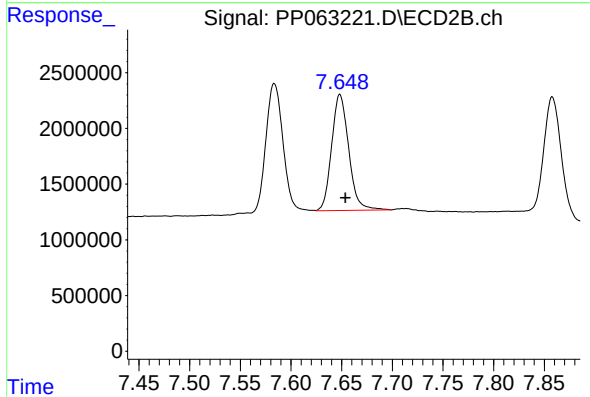
R.T.: 7.584 min  
Delta R.T.: -0.006 min  
Response: 13251006  
Conc: 41.20 ng/ml



#42 AR-1268-2

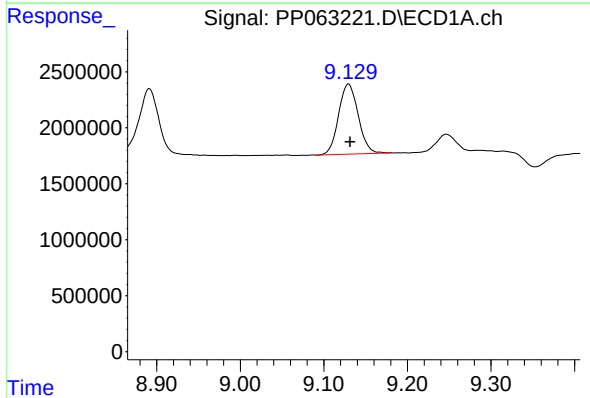
R.T.: 8.891 min  
Delta R.T.: -0.001 min  
Response: 11133087  
Conc: 44.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



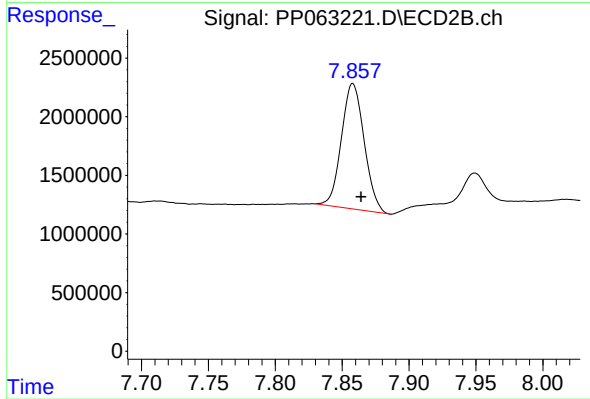
#42 AR-1268-2

R.T.: 7.648 min  
Delta R.T.: -0.006 min  
Response: 12220375  
Conc: 40.89 ng/ml



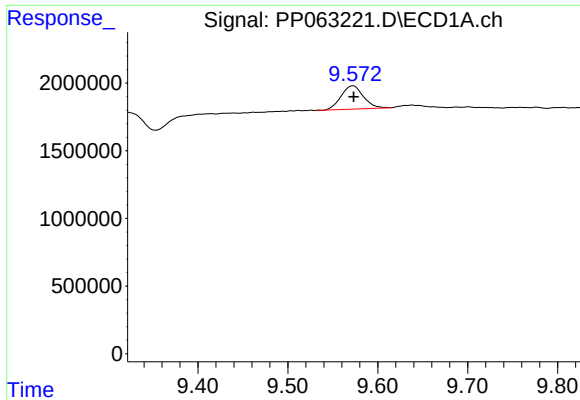
#43 AR-1268-3

R.T.: 9.130 min  
Delta R.T.: -0.002 min  
Response: 10211884  
Conc: 42.84 ng/ml



#43 AR-1268-3

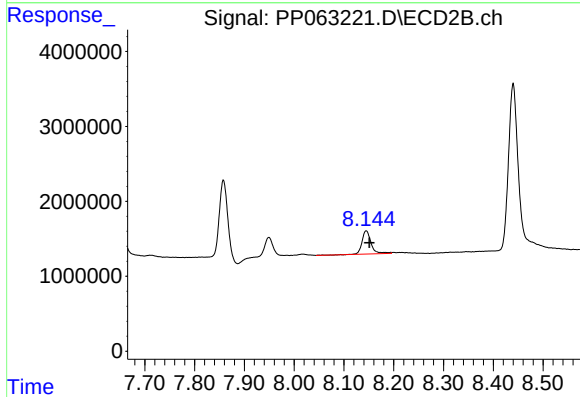
R.T.: 7.858 min  
Delta R.T.: -0.006 min  
Response: 12666291  
Conc: 44.78 ng/ml



#44 AR-1268-4

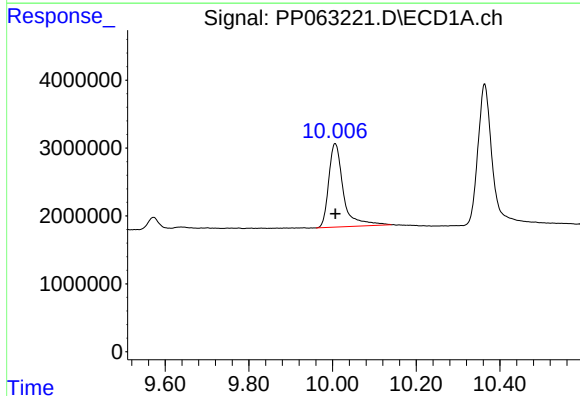
R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 2960388  
Conc: 38.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



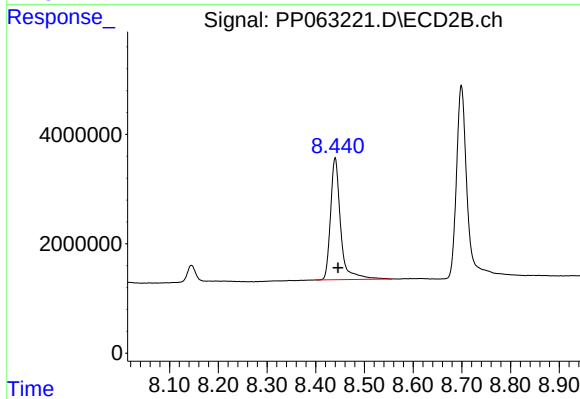
#44 AR-1268-4

R.T.: 8.145 min  
Delta R.T.: -0.006 min  
Response: 3884809  
Conc: 44.25 ng/ml



#45 AR-1268-5

R.T.: 10.006 min  
Delta R.T.: 0.000 min  
Response: 29889704  
Conc: 40.96 ng/ml



#45 AR-1268-5

R.T.: 8.440 min  
Delta R.T.: -0.006 min  
Response: 32210071  
Conc: 38.24 ng/ml