

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
 Data File : PP064903.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2024 13:57  
 Operator : YP\AJ  
 Sample : P2403-02  
 Misc : AR1242 LOQ 50 PPB  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 14:29:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 14 06:05:56 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... | 4.254 | 3.371 | 35192021 | 47552081 | 18.504 | 21.124   |
| 2)                          | SA Decachlor... | 9.905 | 8.263 | 15353754 | 37091248 | 21.383 | 21.177   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.439 | 4.425 | 2526820  | 3308862  | 61.383 | 43.102 # |
| 4)                          | L1 AR-1016-2    | 5.439 | 4.443 | 2526820  | 4381263  | 40.940 | 40.713   |
| 5)                          | L1 AR-1016-3    | 5.501 | 4.614 | 1670853  | 2350251  | 42.602 | 39.658   |
| 6)                          | L1 AR-1016-4    | 5.599 | 4.656 | 1257279  | 2025311  | 41.936 | 41.690   |
| 7)                          | L1 AR-1016-5    | 5.896 | 4.863 | 1265712  | 2543360  | 43.396 | 40.211   |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.578 | 0        | 308564   | N.D.   | 9.902 #  |
| 9)                          | L2 AR-1221-2    | 4.555 | 3.662 | 654367   | 1009248  | 39.265 | 43.357   |
| 10)                         | L2 AR-1221-3    | 4.623 | 3.736 | 1230972  | 1840926  | 24.285 | 27.079   |
| 11)                         | L3 AR-1232-1    | 4.623 | 3.736 | 1230972  | 1840926  | 29.919 | 33.611   |
| 12)                         | L3 AR-1232-2    | 5.149 | 4.443 | 1361758  | 4381263  | 68.541 | 83.408   |
| 13)                         | L3 AR-1232-3    | 5.439 | 4.614 | 2526820  | 2350251  | 76.437 | 81.449   |
| 14)                         | L3 AR-1232-4    | 5.599 | 4.697 | 1257279  | 2526140  | 75.983 | 93.122   |
| 15)                         | L3 AR-1232-5    | 5.692 | 4.863 | 1213559  | 2543360  | 88.111 | 88.988   |
| 16)                         | L4 AR-1242-1    | 5.417 | 4.425 | 1695103  | 3308862  | 48.449 | 49.403   |
| 17)                         | L4 AR-1242-2    | 5.439 | 4.443 | 2526820  | 4381263  | 47.892 | 47.371   |
| 18)                         | L4 AR-1242-3    | 5.501 | 4.614 | 1670853  | 2350251  | 49.807 | 45.855   |
| 19)                         | L4 AR-1242-4    | 5.599 | 4.697 | 1257279  | 2526140  | 47.563 | 48.025   |
| 20)                         | L4 AR-1242-5    | 6.339 | 5.208 | 1245513  | 2854533  | 54.793 | 47.324   |
| 21)                         | L5 AR-1248-1    | 5.417 | 4.425 | 1695103  | 3308862  | 65.536 | 66.943   |
| 22)                         | L5 AR-1248-2    | 5.692 | 4.656 | 1213559  | 2025311  | 31.159 | 28.082   |
| 23)                         | L5 AR-1248-3    | 5.896 | 4.697 | 1265712  | 2526140  | 31.443 | 33.138   |
| 24)                         | L5 AR-1248-4    | 6.301 | 4.863 | 1229228  | 2543360  | 32.117 | 28.786   |
| 25)                         | L5 AR-1248-5    | 6.339 | 5.248 | 1245513  | 2424243  | 32.452 | 29.423   |
| 26)                         | L6 AR-1254-1    | 6.274 | 5.208 | 1026682  | 2854533  | 23.957 | 21.808   |
| 27)                         | L6 AR-1254-2    | 6.497 | 5.355 | 1156432  | 681668   | 18.492 | 6.004 #  |
| 28)                         | L6 AR-1254-3    | 6.862 | 5.751 | 589768   | 1110752  | 9.310  | 6.279 #  |
| 29)                         | L6 AR-1254-4    | 7.149 | 5.979 | 366267   | 696596   | 8.728  | 6.740    |
| 30)                         | L6 AR-1254-5    | 7.570 | 0.000 | 327010   | 0        | 7.259  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.892 | 0        | 332054   | N.D.   | 2.764 #  |
| 33)                         | L7 AR-1260-3    | 7.659 | 0.000 | 124523   | 0        | 3.213  | N.D. #   |
| -----                       |                 |       |       |          |          |        |          |

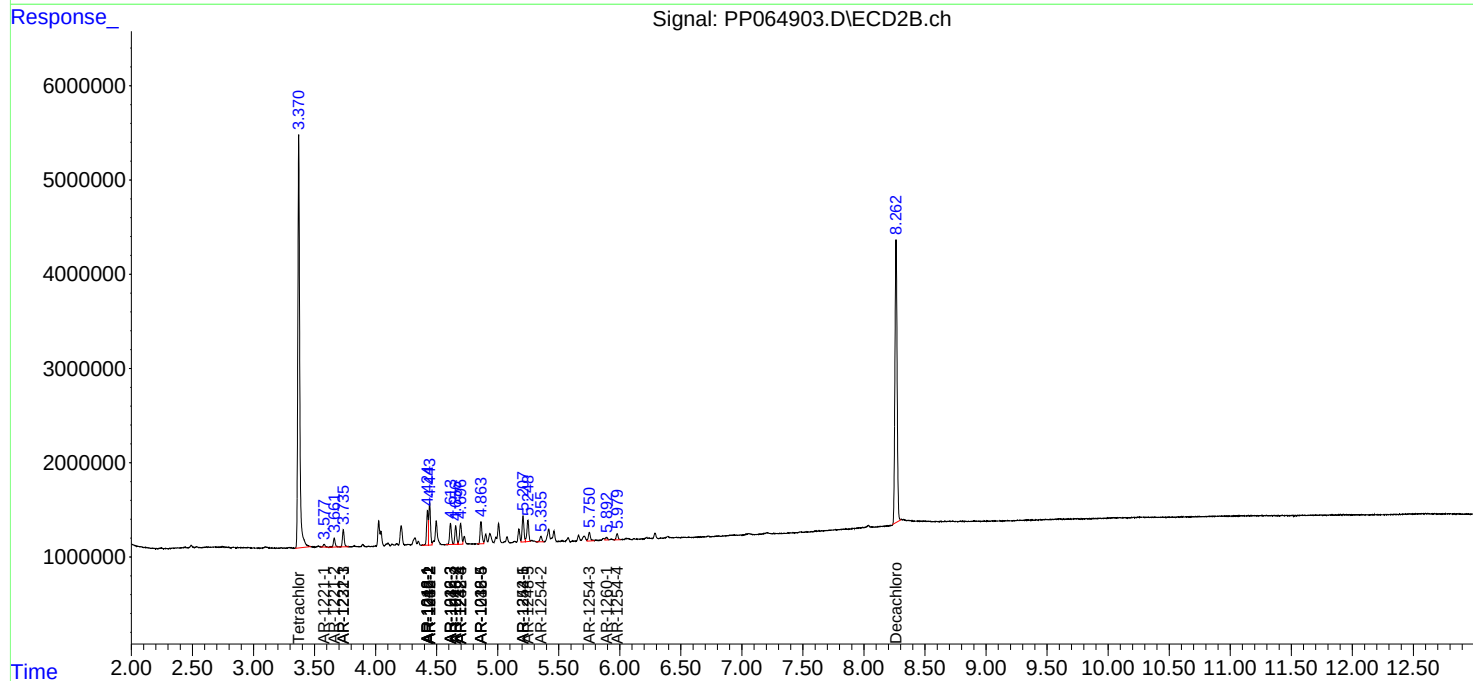
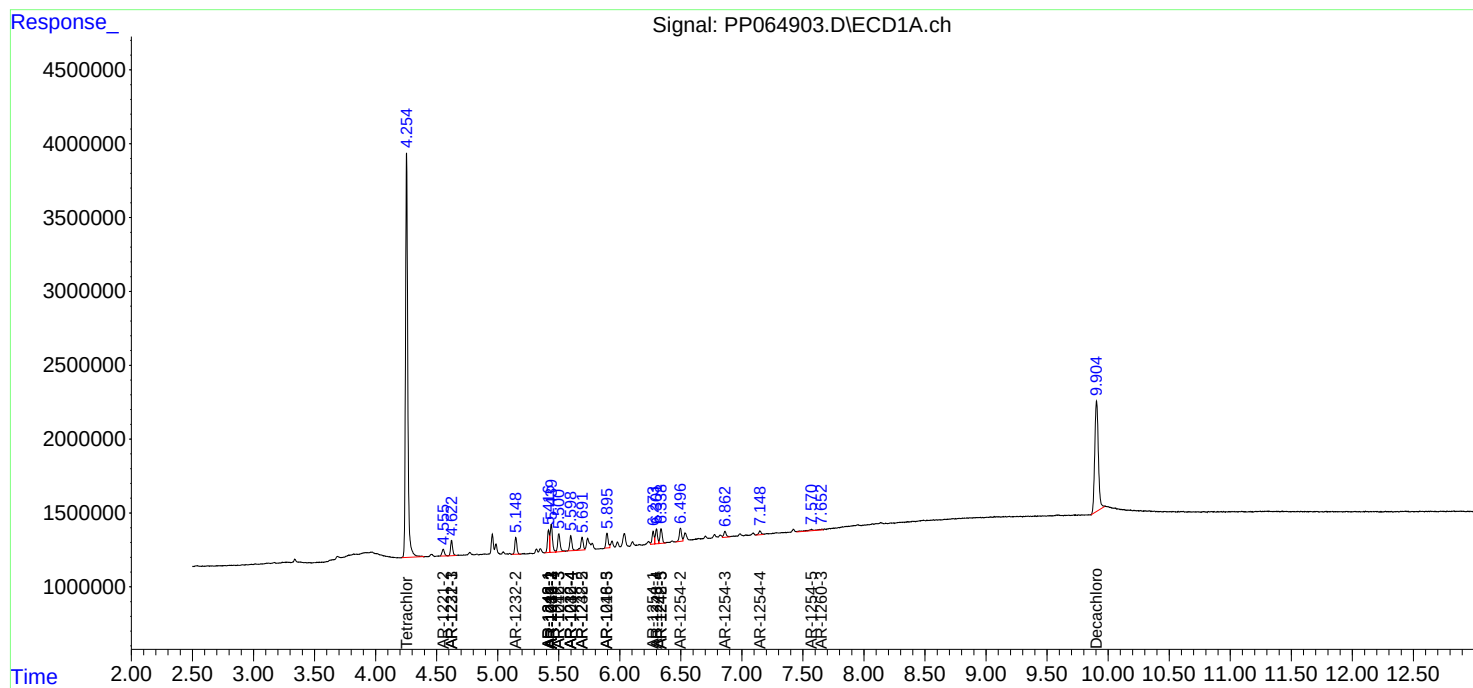
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

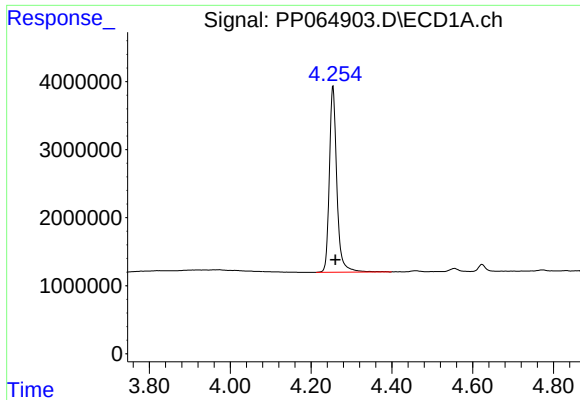
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
Data File : PP064903.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2024 13:57  
Operator : YP\AJ  
Sample : P2403-02  
Misc : AR1242 LOQ 50 PPB  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 14:29:36 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 14 06:05:56 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

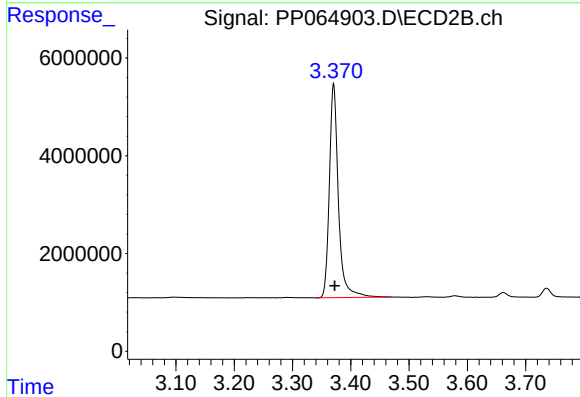




#1 Tetrachloro-m-xylene

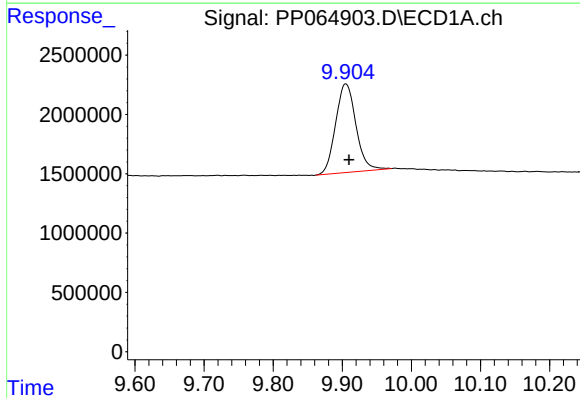
R.T.: 4.254 min  
Delta R.T.: -0.006 min  
Response: 35192021  
Conc: 18.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



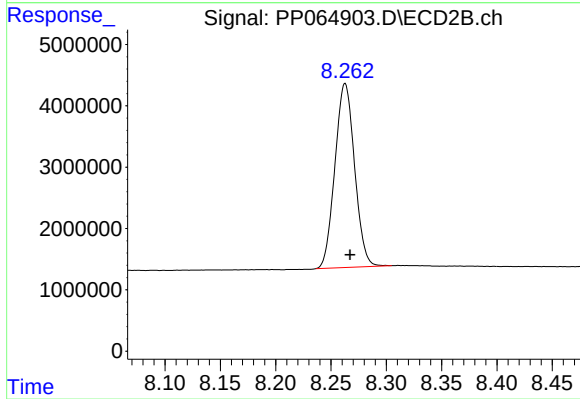
#1 Tetrachloro-m-xylene

R.T.: 3.371 min  
Delta R.T.: -0.002 min  
Response: 47552081  
Conc: 21.12 ng/ml



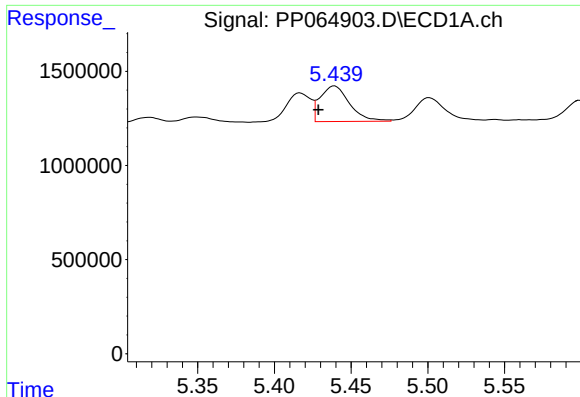
#2 Decachlorobiphenyl

R.T.: 9.905 min  
Delta R.T.: -0.005 min  
Response: 15353754  
Conc: 21.38 ng/ml



#2 Decachlorobiphenyl

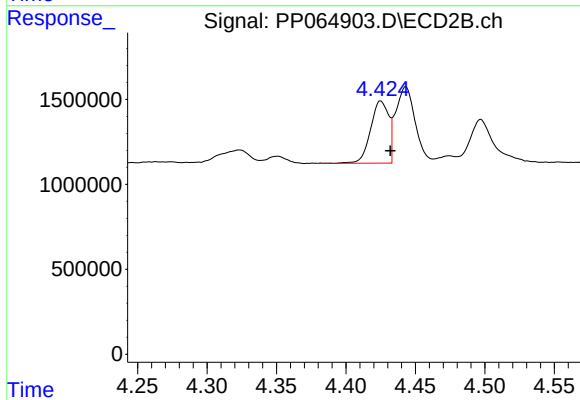
R.T.: 8.263 min  
Delta R.T.: -0.005 min  
Response: 37091248  
Conc: 21.18 ng/ml



#3 AR-1016-1

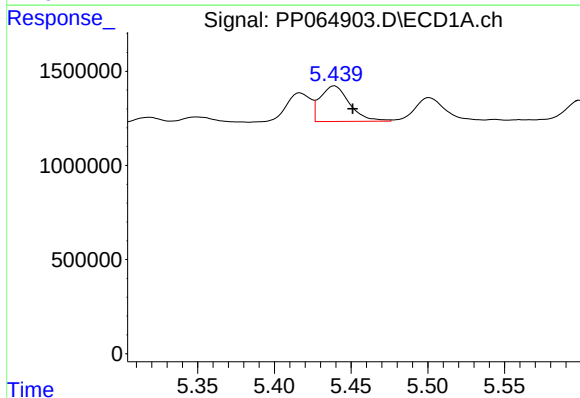
R.T.: 5.439 min  
Delta R.T.: 0.010 min  
Response: 2526820  
Conc: 61.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



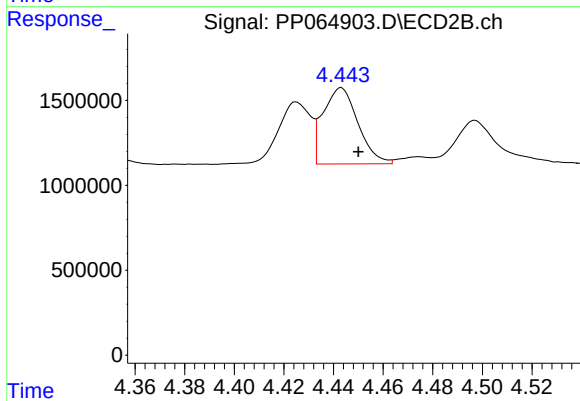
#3 AR-1016-1

R.T.: 4.425 min  
Delta R.T.: -0.007 min  
Response: 3308862  
Conc: 43.10 ng/ml



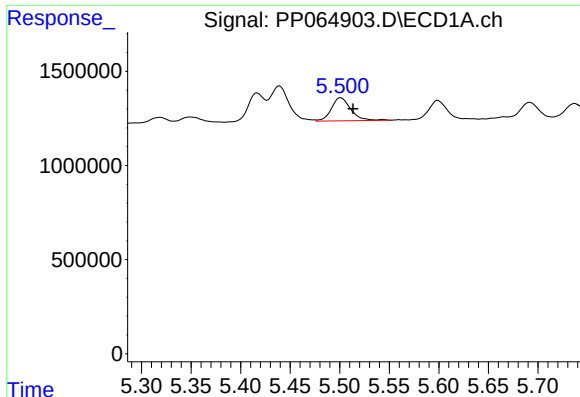
#4 AR-1016-2

R.T.: 5.439 min  
Delta R.T.: -0.012 min  
Response: 2526820  
Conc: 40.94 ng/ml



#4 AR-1016-2

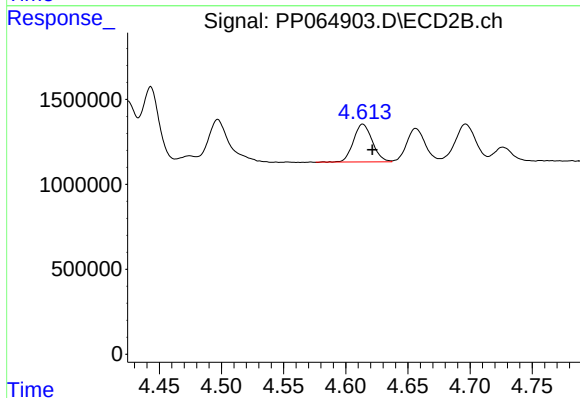
R.T.: 4.443 min  
Delta R.T.: -0.007 min  
Response: 4381263  
Conc: 40.71 ng/ml



#5 AR-1016-3

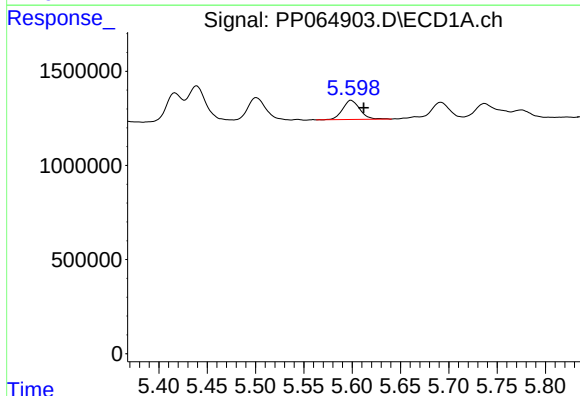
R.T.: 5.501 min  
Delta R.T.: -0.012 min  
Response: 1670853  
Conc: 42.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



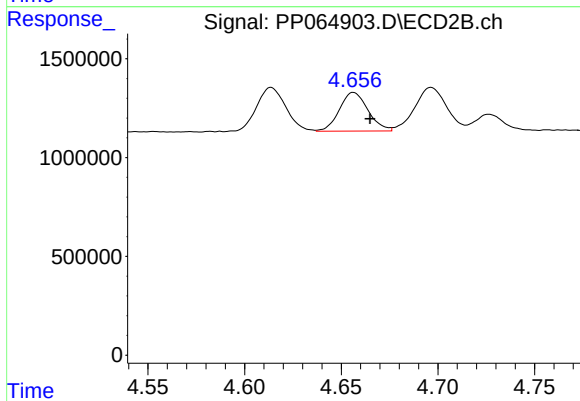
#5 AR-1016-3

R.T.: 4.614 min  
Delta R.T.: -0.008 min  
Response: 2350251  
Conc: 39.66 ng/ml



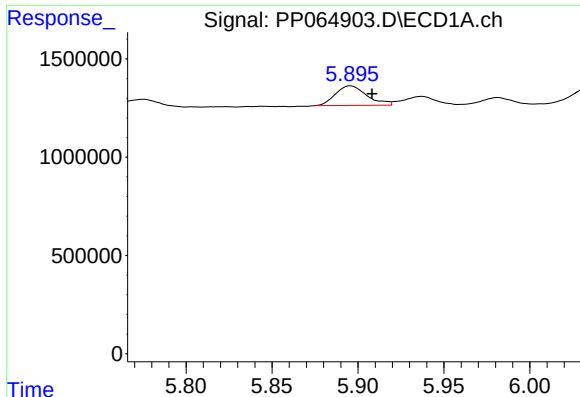
#6 AR-1016-4

R.T.: 5.599 min  
Delta R.T.: -0.013 min  
Response: 1257279  
Conc: 41.94 ng/ml



#6 AR-1016-4

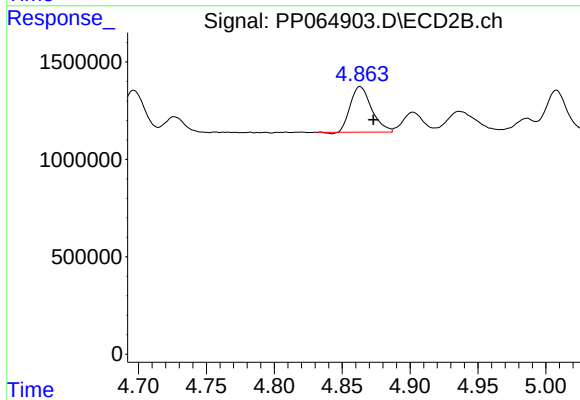
R.T.: 4.656 min  
Delta R.T.: -0.009 min  
Response: 2025311  
Conc: 41.69 ng/ml



#7 AR-1016-5

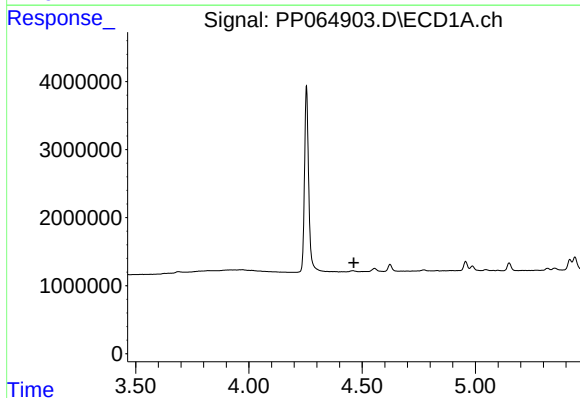
R.T.: 5.896 min  
Delta R.T.: -0.012 min  
Response: 1265712  
Conc: 43.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



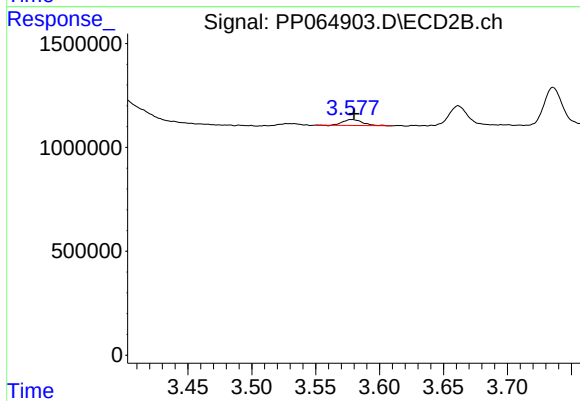
#7 AR-1016-5

R.T.: 4.863 min  
Delta R.T.: -0.010 min  
Response: 2543360  
Conc: 40.21 ng/ml



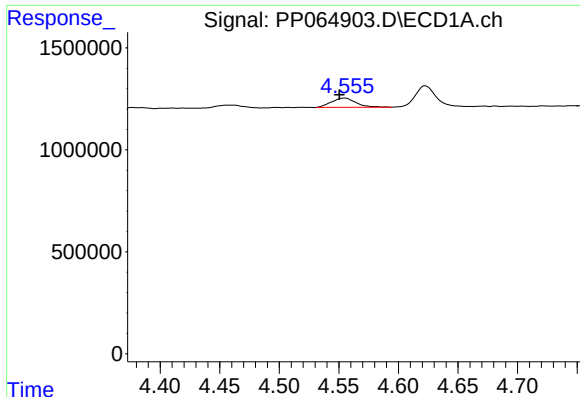
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.464 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

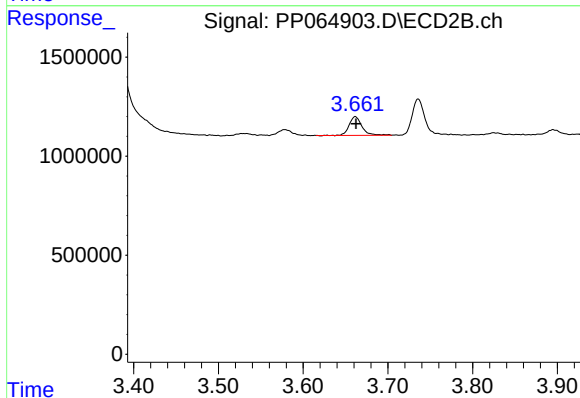
R.T.: 3.578 min  
Delta R.T.: -0.002 min  
Response: 308564  
Conc: 9.90 ng/ml



#9 AR-1221-2

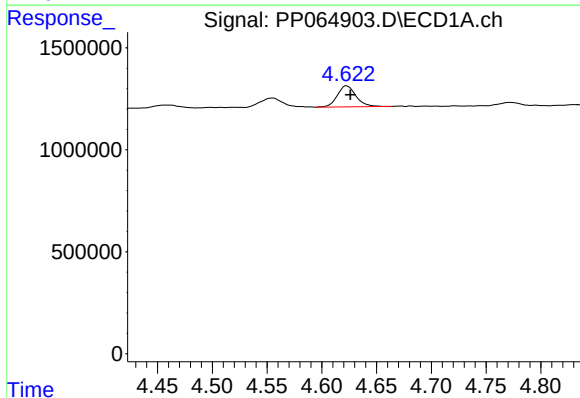
R.T.: 4.555 min  
Delta R.T.: 0.004 min  
Response: 654367  
Conc: 39.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



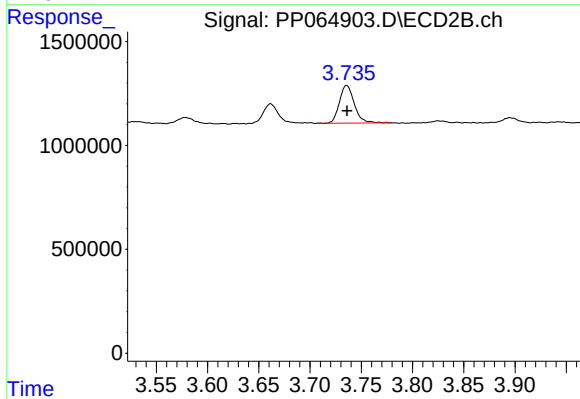
#9 AR-1221-2

R.T.: 3.662 min  
Delta R.T.: 0.000 min  
Response: 1009248  
Conc: 43.36 ng/ml



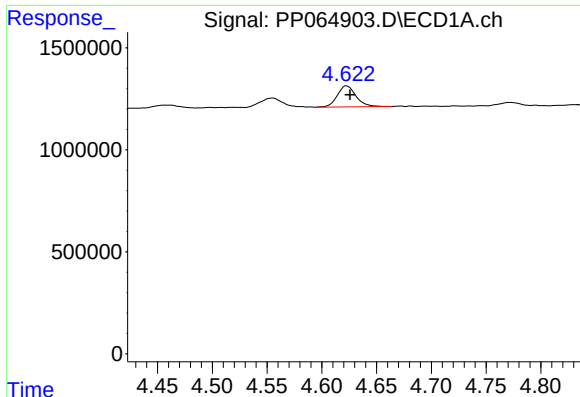
#10 AR-1221-3

R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 1230972  
Conc: 24.28 ng/ml



#10 AR-1221-3

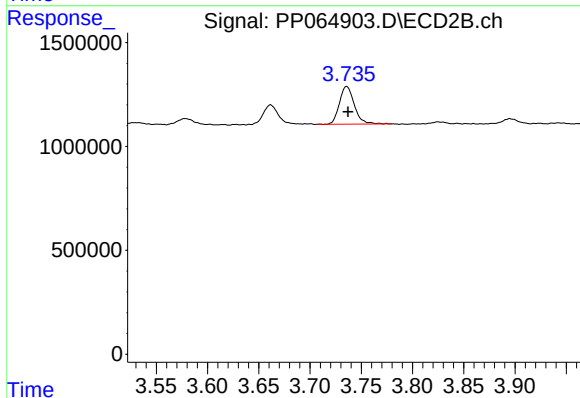
R.T.: 3.736 min  
Delta R.T.: 0.000 min  
Response: 1840926  
Conc: 27.08 ng/ml



#11 AR-1232-1

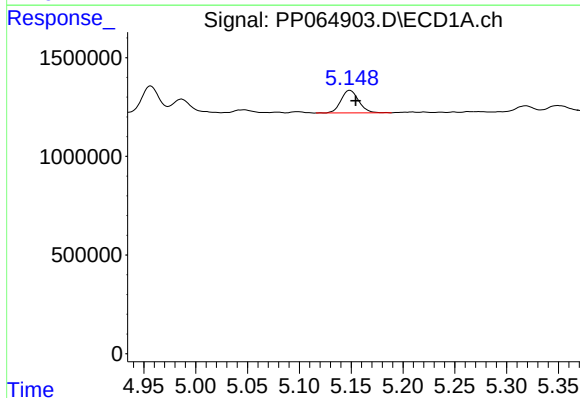
R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 1230972  
Conc: 29.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



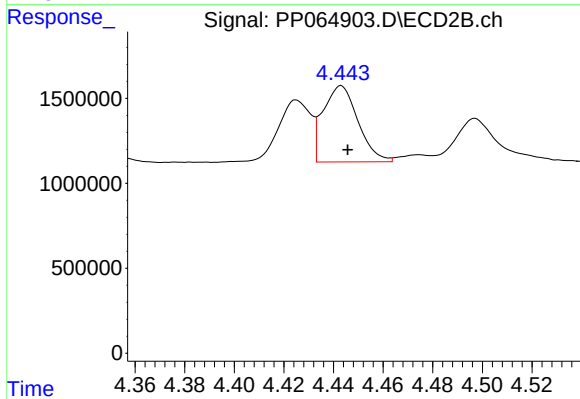
#11 AR-1232-1

R.T.: 3.736 min  
Delta R.T.: -0.001 min  
Response: 1840926  
Conc: 33.61 ng/ml



#12 AR-1232-2

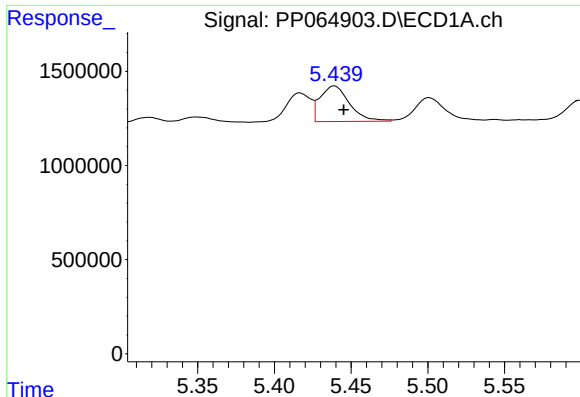
R.T.: 5.149 min  
Delta R.T.: -0.005 min  
Response: 1361758  
Conc: 68.54 ng/ml



#12 AR-1232-2

R.T.: 4.443 min  
Delta R.T.: -0.003 min  
Response: 4381263  
Conc: 83.41 ng/ml

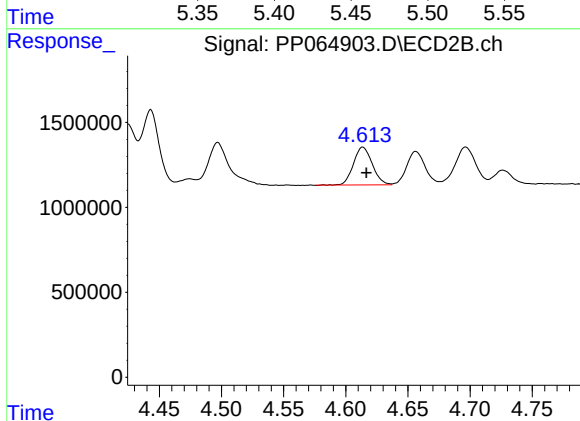




#13 AR-1232-3

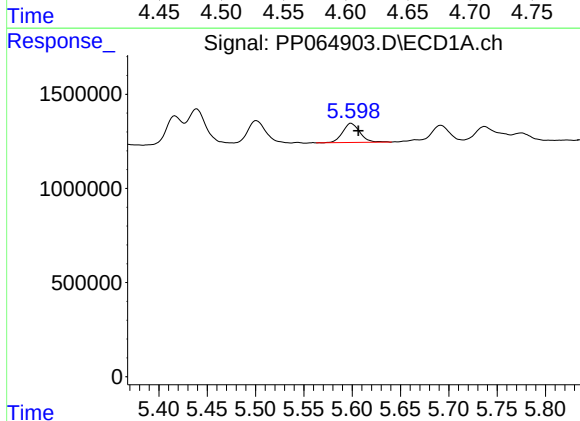
R.T.: 5.439 min  
Delta R.T.: -0.006 min  
Response: 2526820  
Conc: 76.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



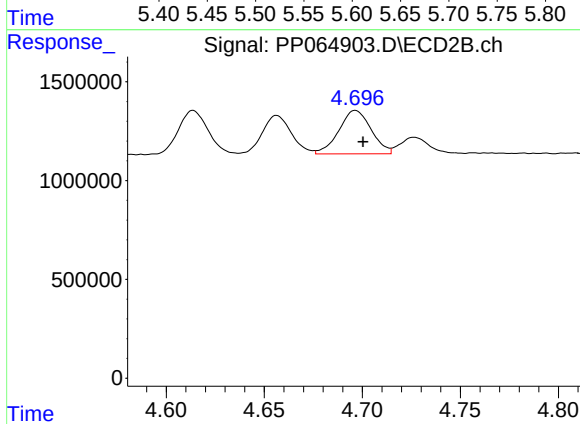
#13 AR-1232-3

R.T.: 4.614 min  
Delta R.T.: -0.003 min  
Response: 2350251  
Conc: 81.45 ng/ml



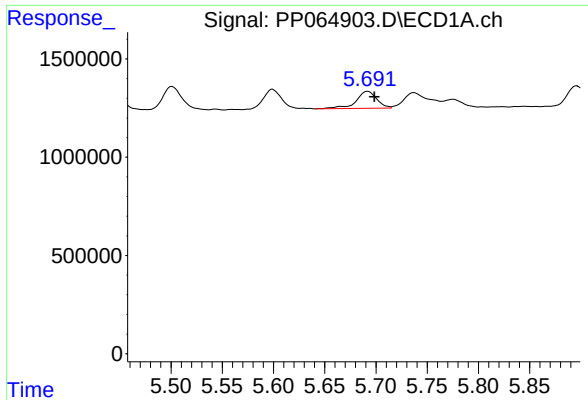
#14 AR-1232-4

R.T.: 5.599 min  
Delta R.T.: -0.007 min  
Response: 1257279  
Conc: 75.98 ng/ml



#14 AR-1232-4

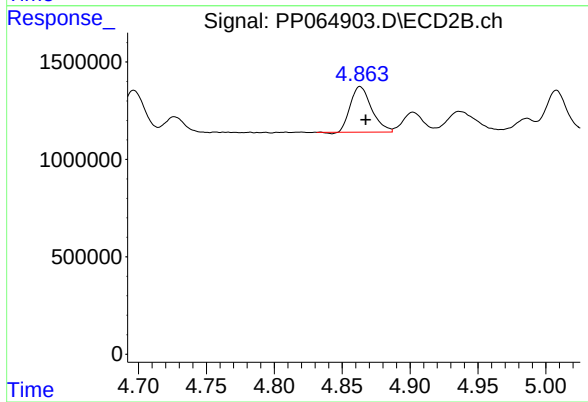
R.T.: 4.697 min  
Delta R.T.: -0.004 min  
Response: 2526140  
Conc: 93.12 ng/ml



#15 AR-1232-5

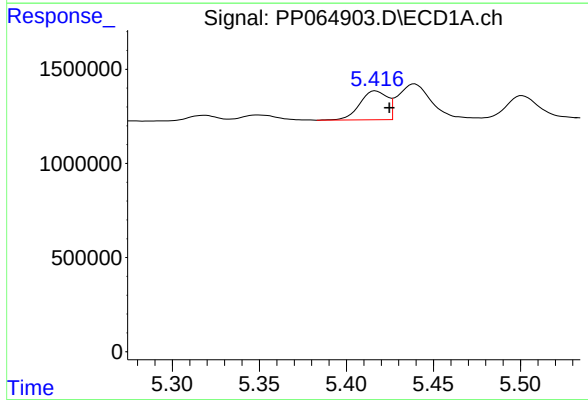
R.T.: 5.692 min  
Delta R.T.: -0.007 min  
Response: 1213559  
Conc: 88.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



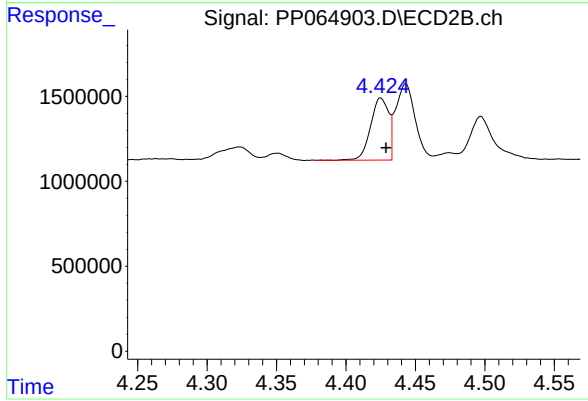
#15 AR-1232-5

R.T.: 4.863 min  
Delta R.T.: -0.004 min  
Response: 2543360  
Conc: 88.99 ng/ml



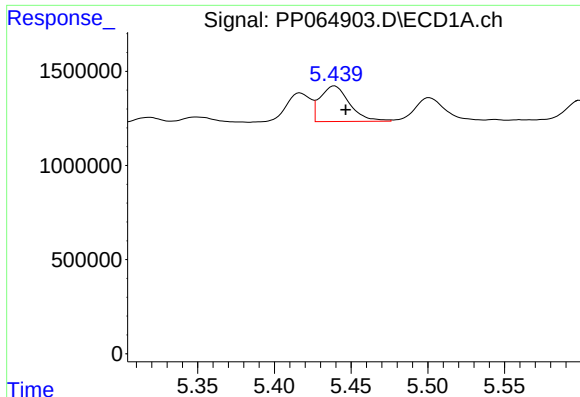
#16 AR-1242-1

R.T.: 5.417 min  
Delta R.T.: -0.008 min  
Response: 1695103  
Conc: 48.45 ng/ml



#16 AR-1242-1

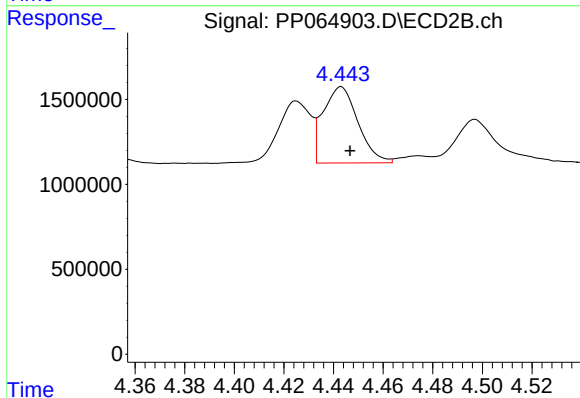
R.T.: 4.425 min  
Delta R.T.: -0.004 min  
Response: 3308862  
Conc: 49.40 ng/ml



#17 AR-1242-2

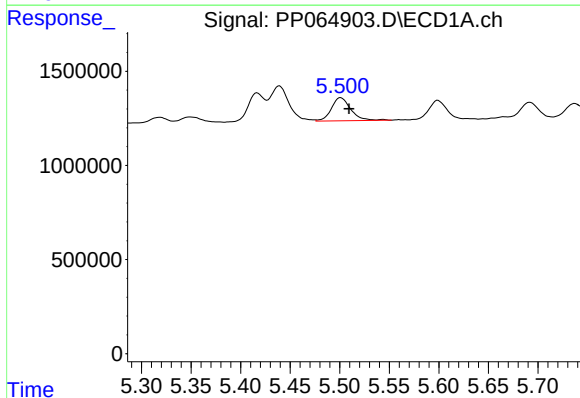
R.T.: 5.439 min  
Delta R.T.: -0.007 min  
Response: 2526820  
Conc: 47.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



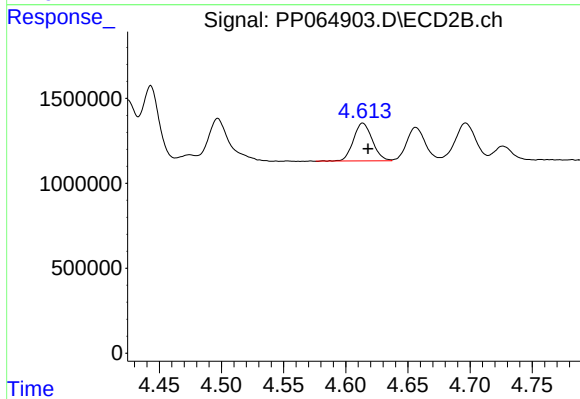
#17 AR-1242-2

R.T.: 4.443 min  
Delta R.T.: -0.004 min  
Response: 4381263  
Conc: 47.37 ng/ml



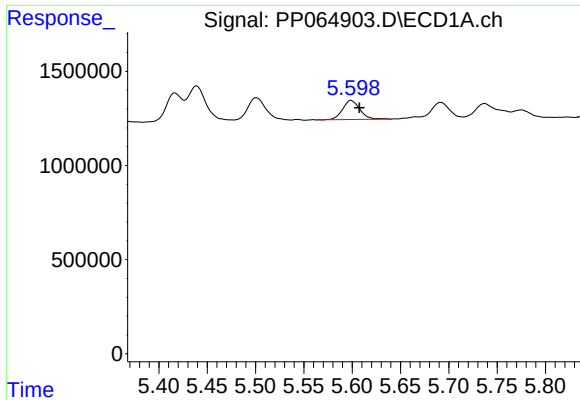
#18 AR-1242-3

R.T.: 5.501 min  
Delta R.T.: -0.008 min  
Response: 1670853  
Conc: 49.81 ng/ml



#18 AR-1242-3

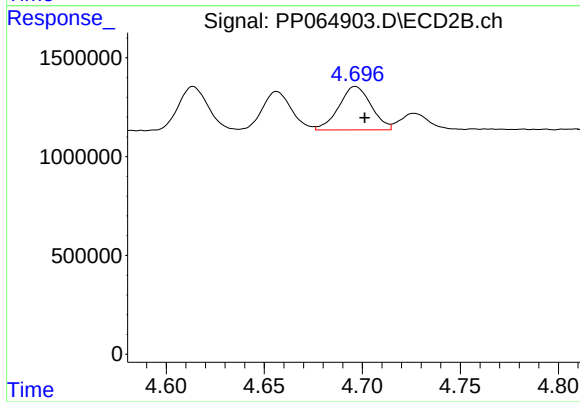
R.T.: 4.614 min  
Delta R.T.: -0.004 min  
Response: 2350251  
Conc: 45.86 ng/ml



#19 AR-1242-4

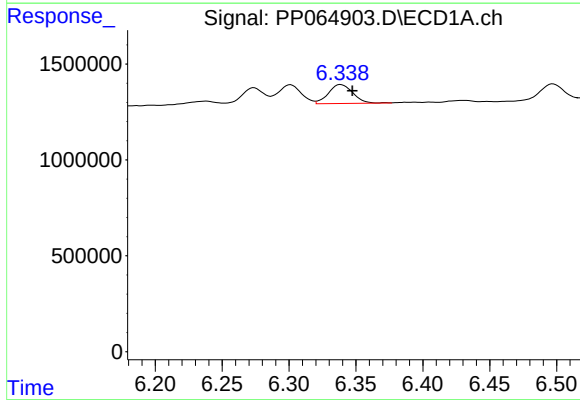
R.T.: 5.599 min  
Delta R.T.: -0.008 min  
Response: 1257279  
Conc: 47.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



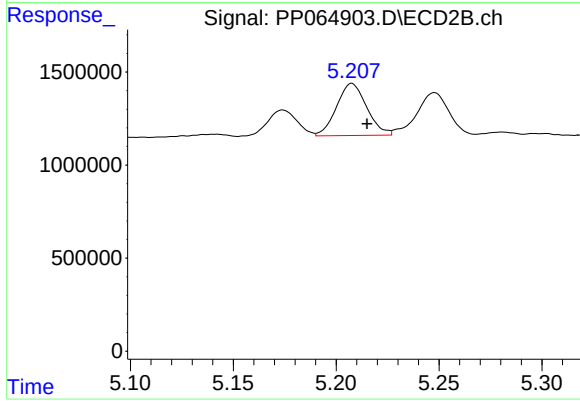
#19 AR-1242-4

R.T.: 4.697 min  
Delta R.T.: -0.005 min  
Response: 2526140  
Conc: 48.02 ng/ml



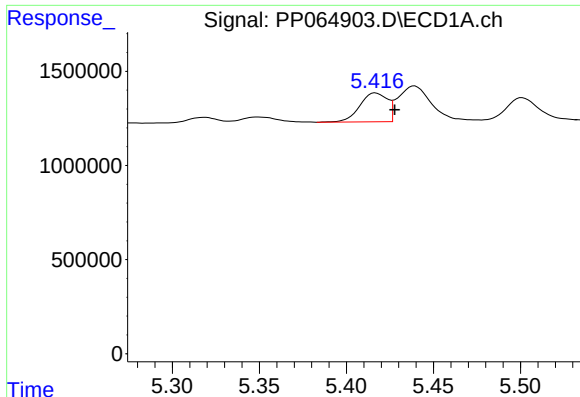
#20 AR-1242-5

R.T.: 6.339 min  
Delta R.T.: -0.008 min  
Response: 1245513  
Conc: 54.79 ng/ml



#20 AR-1242-5

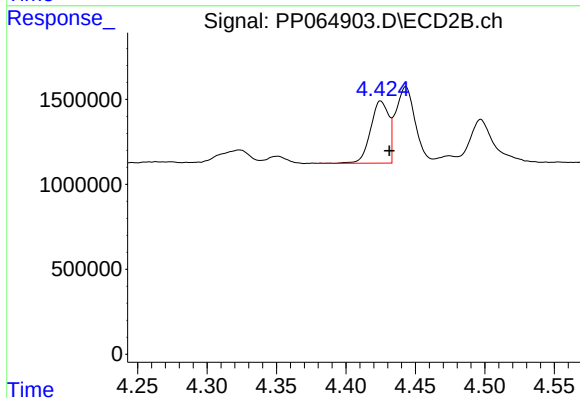
R.T.: 5.208 min  
Delta R.T.: -0.007 min  
Response: 2854533  
Conc: 47.32 ng/ml



#21 AR-1248-1

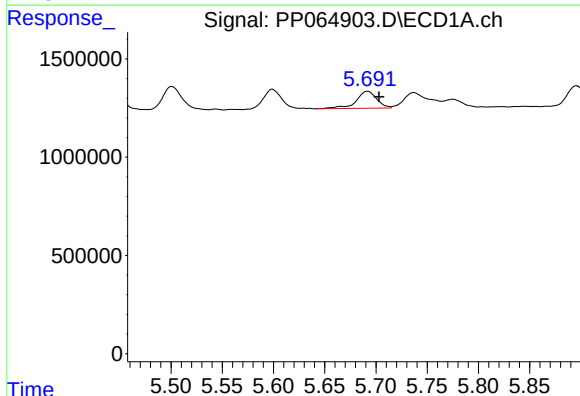
R.T.: 5.417 min  
Delta R.T.: -0.011 min  
Response: 1695103  
Conc: 65.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



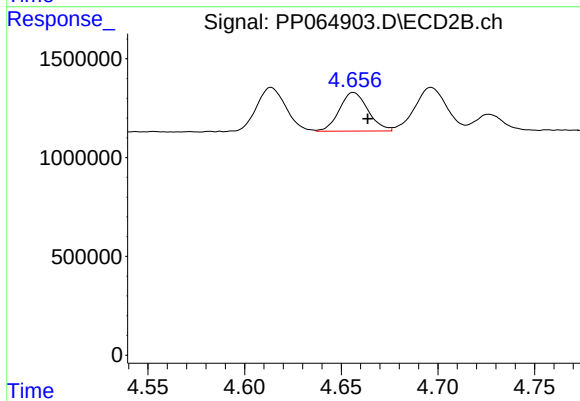
#21 AR-1248-1

R.T.: 4.425 min  
Delta R.T.: -0.006 min  
Response: 3308862  
Conc: 66.94 ng/ml



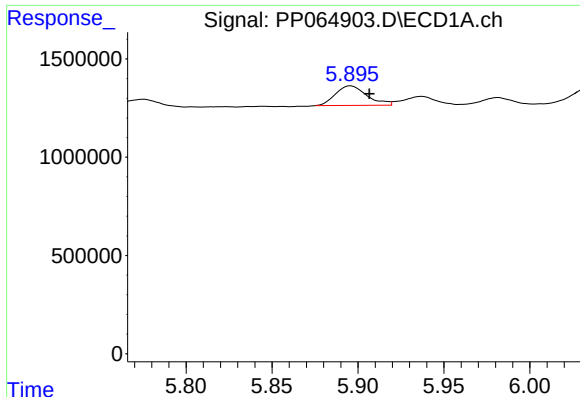
#22 AR-1248-2

R.T.: 5.692 min  
Delta R.T.: -0.011 min  
Response: 1213559  
Conc: 31.16 ng/ml



#22 AR-1248-2

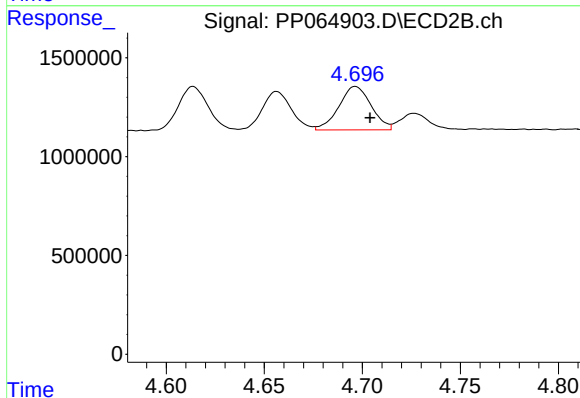
R.T.: 4.656 min  
Delta R.T.: -0.007 min  
Response: 2025311  
Conc: 28.08 ng/ml



#23 AR-1248-3

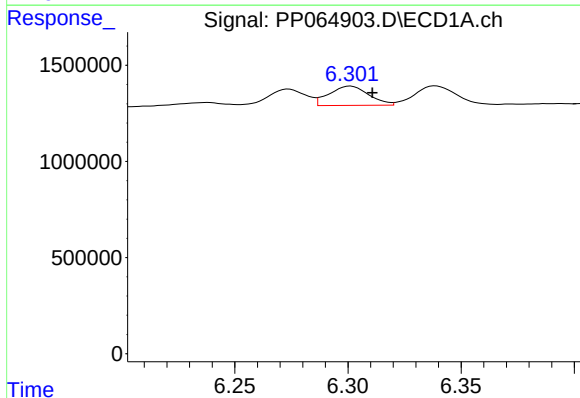
R.T.: 5.896 min  
Delta R.T.: -0.011 min  
Response: 1265712  
Conc: 31.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



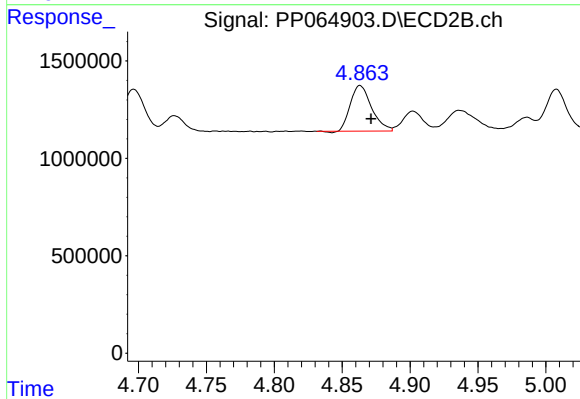
#23 AR-1248-3

R.T.: 4.697 min  
Delta R.T.: -0.007 min  
Response: 2526140  
Conc: 33.14 ng/ml



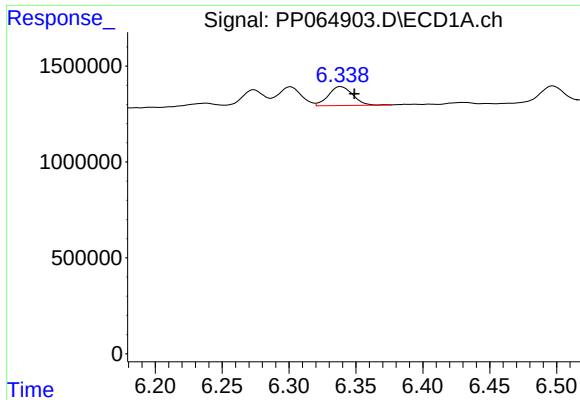
#24 AR-1248-4

R.T.: 6.301 min  
Delta R.T.: -0.010 min  
Response: 1229228  
Conc: 32.12 ng/ml



#24 AR-1248-4

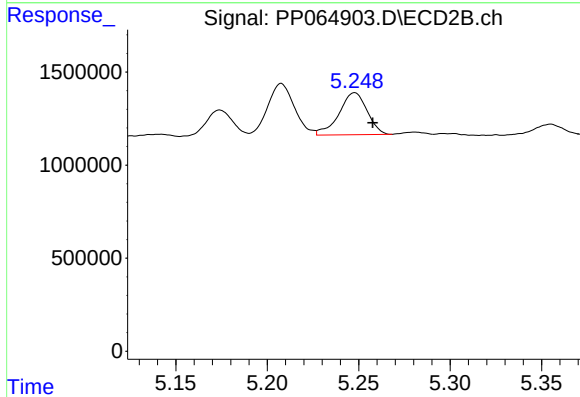
R.T.: 4.863 min  
Delta R.T.: -0.008 min  
Response: 2543360  
Conc: 28.79 ng/ml



#25 AR-1248-5

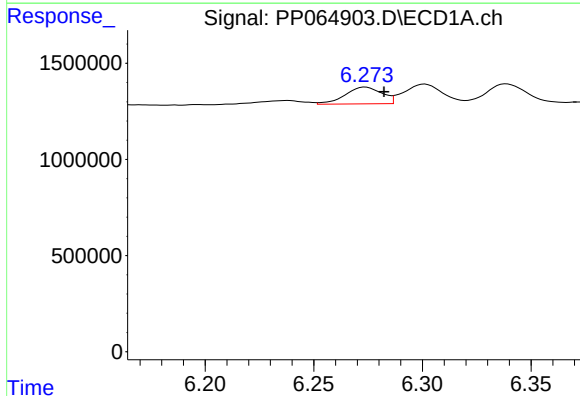
R.T.: 6.339 min  
Delta R.T.: -0.010 min  
Response: 1245513  
Conc: 32.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



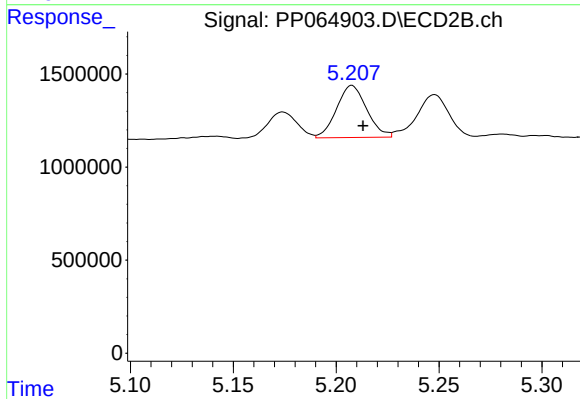
#25 AR-1248-5

R.T.: 5.248 min  
Delta R.T.: -0.010 min  
Response: 2424243  
Conc: 29.42 ng/ml



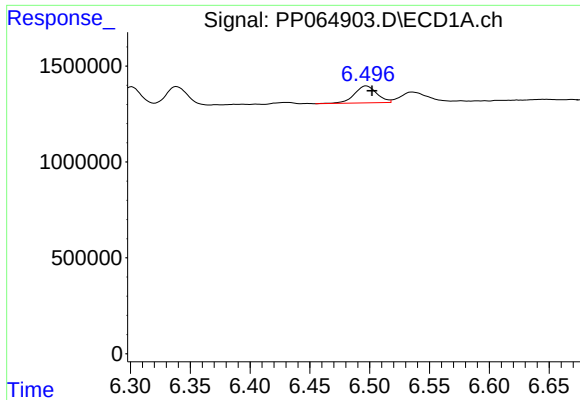
#26 AR-1254-1

R.T.: 6.274 min  
Delta R.T.: -0.009 min  
Response: 1026682  
Conc: 23.96 ng/ml



#26 AR-1254-1

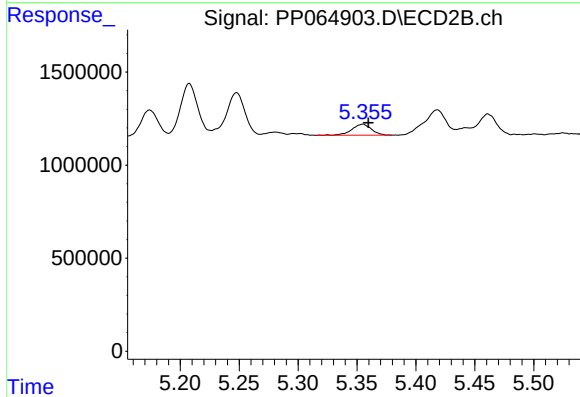
R.T.: 5.208 min  
Delta R.T.: -0.005 min  
Response: 2854533  
Conc: 21.81 ng/ml



#27 AR-1254-2

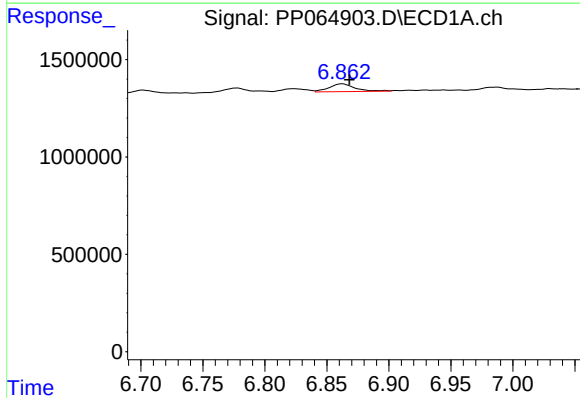
R.T.: 6.497 min  
Delta R.T.: -0.005 min  
Response: 1156432  
Conc: 18.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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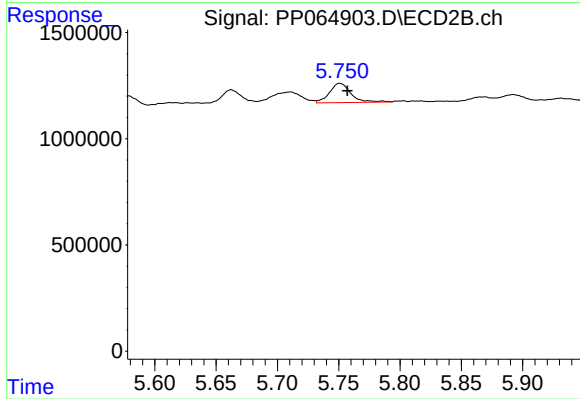
#27 AR-1254-2

R.T.: 5.355 min  
Delta R.T.: -0.005 min  
Response: 681668  
Conc: 6.00 ng/ml



#28 AR-1254-3

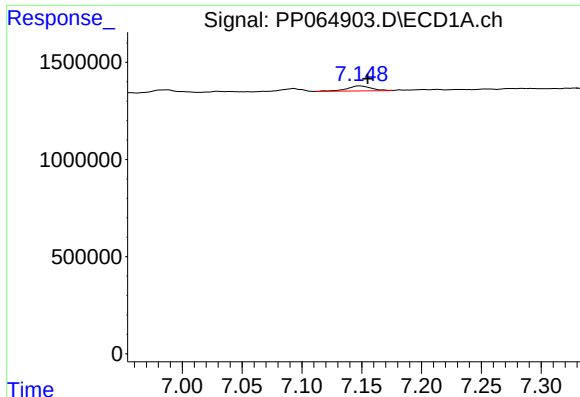
R.T.: 6.862 min  
Delta R.T.: -0.006 min  
Response: 589768  
Conc: 9.31 ng/ml



#28 AR-1254-3

R.T.: 5.751 min  
Delta R.T.: -0.006 min  
Response: 1110752  
Conc: 6.28 ng/ml

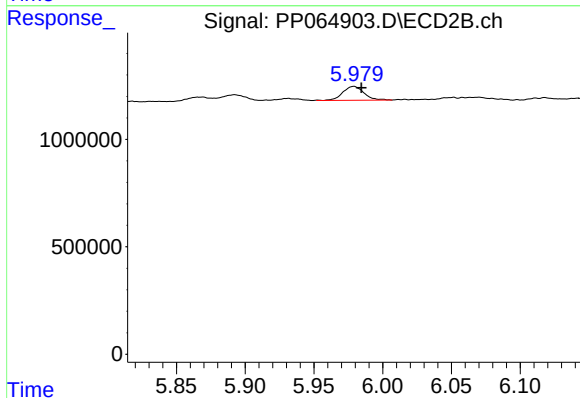




#29 AR-1254-4

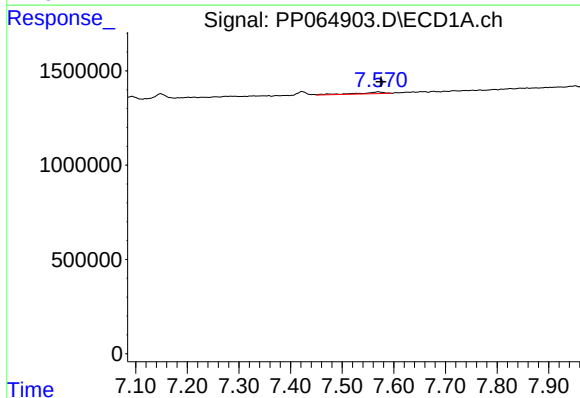
R.T.: 7.149 min  
Delta R.T.: -0.007 min  
Response: 366267  
Conc: 8.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



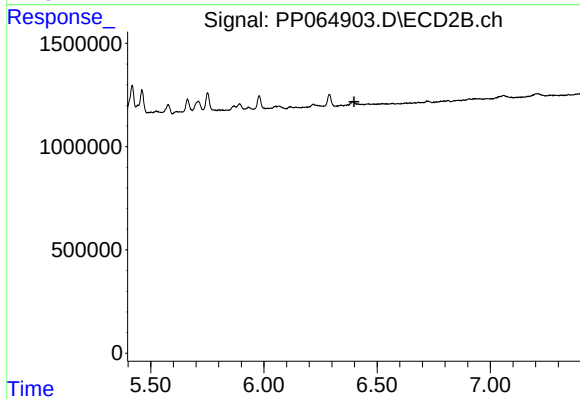
#29 AR-1254-4

R.T.: 5.979 min  
Delta R.T.: -0.006 min  
Response: 696596  
Conc: 6.74 ng/ml



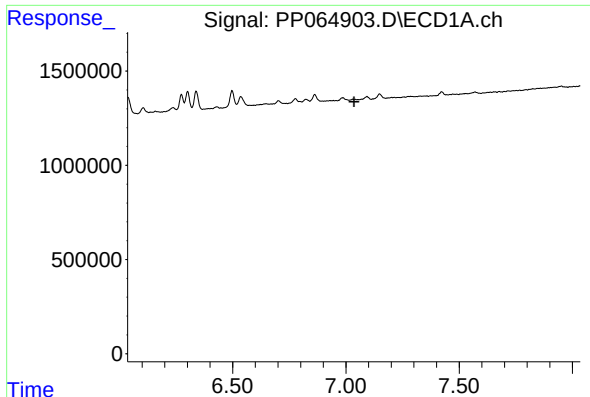
#30 AR-1254-5

R.T.: 7.570 min  
Delta R.T.: -0.005 min  
Response: 327010  
Conc: 7.26 ng/ml



#30 AR-1254-5

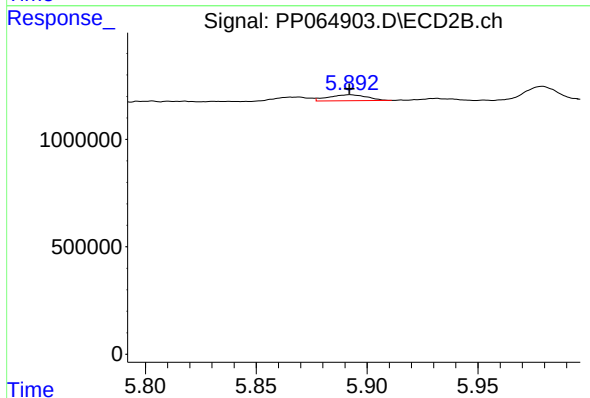
R.T.: 0.000 min  
Exp R.T.: 6.398 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

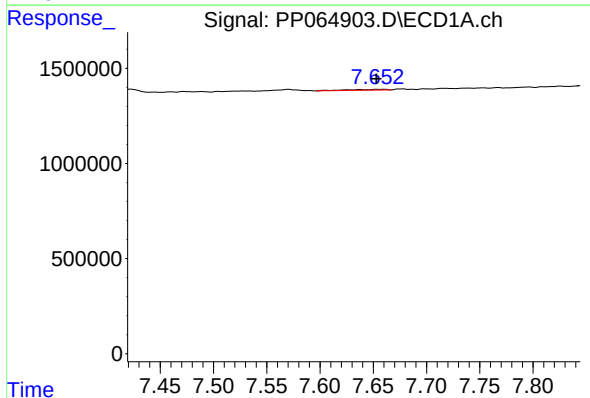
R.T.: 0.000 min  
Exp R.T.: 7.036 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



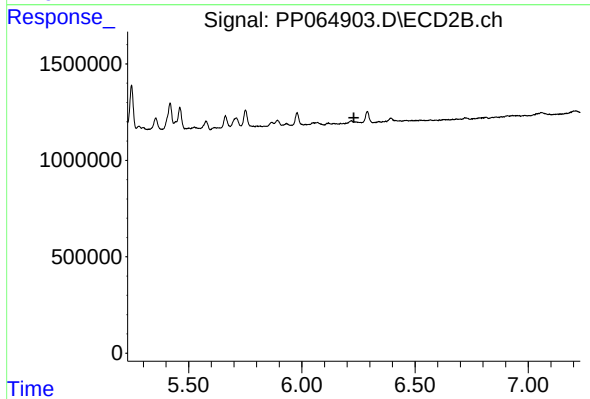
#31 AR-1260-1

R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 332054  
Conc: 2.76 ng/ml



#33 AR-1260-3

R.T.: 7.659 min  
Delta R.T.: 0.006 min  
Response: 124523  
Conc: 3.21 ng/ml



#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 6.230 min  
Response: 0  
Conc: N.D.