

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022324\  
 Data File : PP063363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2024 16:18  
 Operator : YP\AJ  
 Sample : P1538-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 20241100-COMPOSITE-35N-N-4-05

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 24 00:17:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 05 12:13:11 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  | 3.642  | 39629354 | 39815185 | 16.568 | 16.751   |
| 2) SA Decachlor...          | 10.372 | 8.693  | 27390532 | 30021887 | 12.180 | 12.120   |
| Target Compounds            |        |        |          |          |        |          |
| 3) L1 AR-1016-1             | 0.000  | 4.737  | 0        | 378991   | N.D.   | 5.298 #  |
| 4) L1 AR-1016-2             | 0.000  | 4.756  | 0        | 595976   | N.D.   | 5.802 #  |
| 6) L1 AR-1016-4             | 0.000  | 4.978  | 0        | 315049   | N.D.   | 6.366 #  |
| 7) L1 AR-1016-5             | 0.000  | 5.191  | 0        | 474956   | N.D.   | 7.550 #  |
| 8) L2 AR-1221-1             | 4.701  | 0.000  | 1522825  | 0        | 54.727 | N.D. #   |
| 9) L2 AR-1221-2             | 0.000  | 3.945  | 0        | 672830   | N.D.   | 34.064 # |
| 10) L2 AR-1221-3            | 0.000  | 3.997f | 0        | 2397420  | N.D.   | 39.377 # |
| 11) L3 AR-1232-1            | 0.000  | 3.997f | 0        | 2397420  | N.D.   | 44.605 # |
| 12) L3 AR-1232-2            | 0.000  | 4.756  | 0        | 595976   | N.D.   | 12.437 # |
| 14) L3 AR-1232-4            | 0.000  | 5.017  | 0        | 540675   | N.D.   | 20.742 # |
| 15) L3 AR-1232-5            | 0.000  | 5.191  | 0        | 474956   | N.D.   | 17.420 # |
| 16) L4 AR-1242-1            | 0.000  | 4.737  | 0        | 378991   | N.D.   | 6.974 #  |
| 17) L4 AR-1242-2            | 0.000  | 4.756  | 0        | 595976   | N.D.   | 7.652 #  |
| 19) L4 AR-1242-4            | 0.000  | 5.017  | 0        | 540675   | N.D.   | 11.577 # |
| 20) L4 AR-1242-5            | 0.000  | 5.545  | 0        | 738525   | N.D.   | 14.270 # |
| 21) L5 AR-1248-1            | 0.000  | 4.737  | 0        | 378991   | N.D.   | 9.148 #  |
| 22) L5 AR-1248-2            | 0.000  | 4.978  | 0        | 315049   | N.D.   | 4.762 #  |
| 23) L5 AR-1248-3            | 0.000  | 5.017  | 0        | 540675   | N.D.   | 7.718 #  |
| 24) L5 AR-1248-4            | 0.000  | 5.191  | 0        | 474956   | N.D.   | 5.944 #  |
| 25) L5 AR-1248-5            | 0.000  | 5.585  | 0        | 409642   | N.D.   | 5.970 #  |
| 26) L6 AR-1254-1            | 0.000  | 5.545  | 0        | 738525   | N.D.   | 6.106 #  |
| 27) L6 AR-1254-2            | 0.000  | 5.694  | 0        | 281536   | N.D.   | 2.605 #  |
| 28) L6 AR-1254-3            | 0.000  | 6.099  | 0        | 910918   | N.D.   | 5.386 #  |
| 30) L6 AR-1254-5            | 0.000  | 6.748  | 0        | 622297   | N.D.   | 4.417 #  |
| 31) L7 AR-1260-1            | 0.000  | 6.230  | 0        | 543423   | N.D.   | 4.100 #  |
| 32) L7 AR-1260-2            | 0.000  | 6.421  | 0        | 460029   | N.D.   | 3.115 #  |
| 33) L7 AR-1260-3            | 0.000  | 6.576  | 0        | 400631   | N.D.   | 2.763 #  |
| 35) L7 AR-1260-5            | 8.478  | 7.293  | 227196   | 666445   | 1.158  | 2.682 #  |
| 36) L8 AR-1262-1            | 0.000  | 6.837f | 0        | 335484   | N.D.   | 4.728 #  |
| 37) L8 AR-1262-2            | 8.478  | 0.000  | 227196   | 0        | 0.986  | N.D. #   |
| 40) L8 AR-1262-5            | 0.000  | 8.140  | 0        | 464247   | N.D.   | 5.687 #  |
| 44) L9 AR-1268-4            | 0.000  | 8.140  | 0        | 464247   | N.D.   | 5.288 #  |
| -----                       |        |        |          |          |        |          |

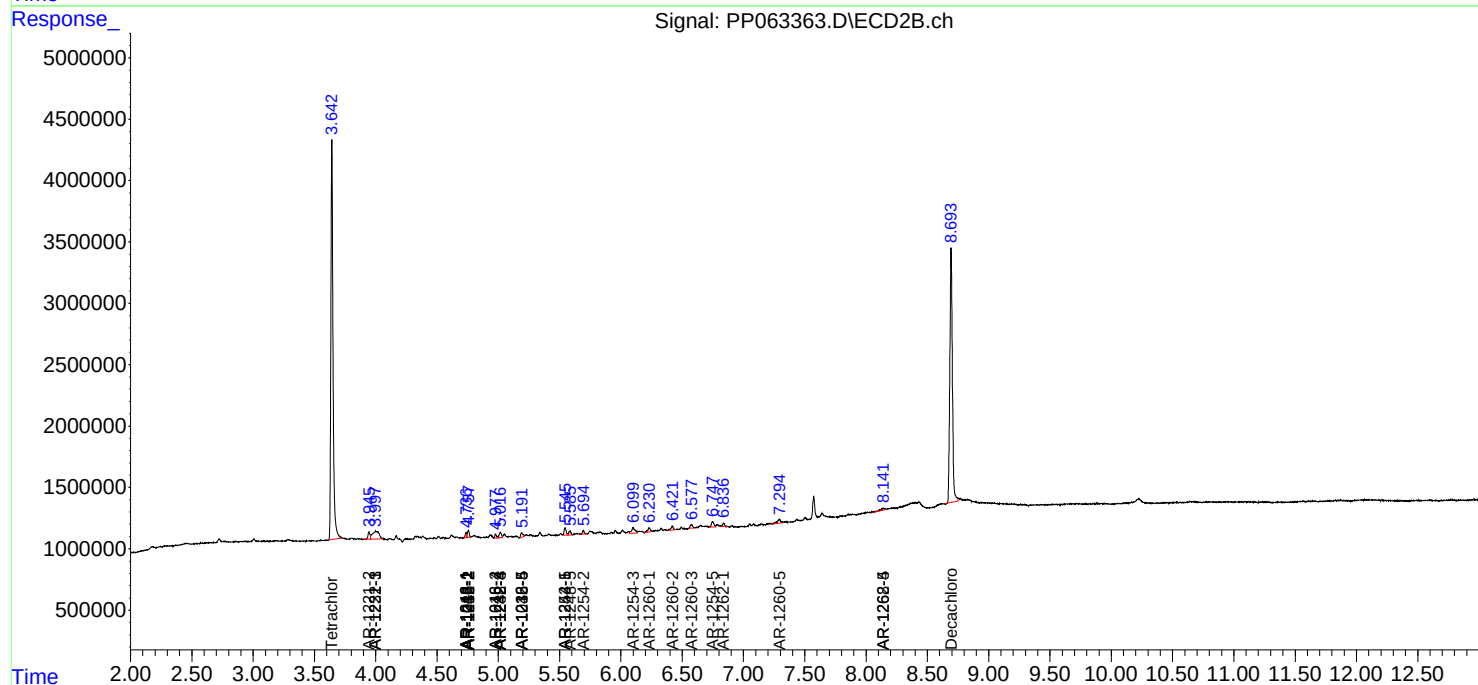
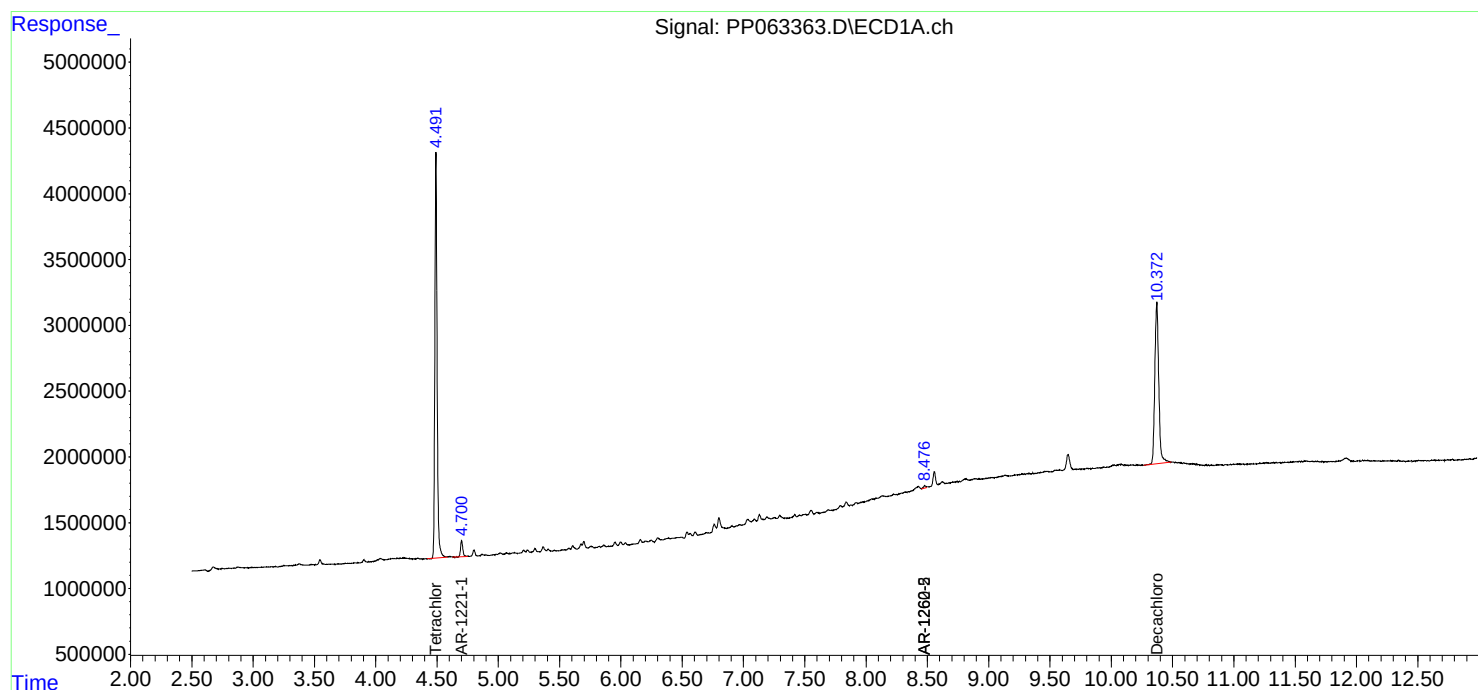
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

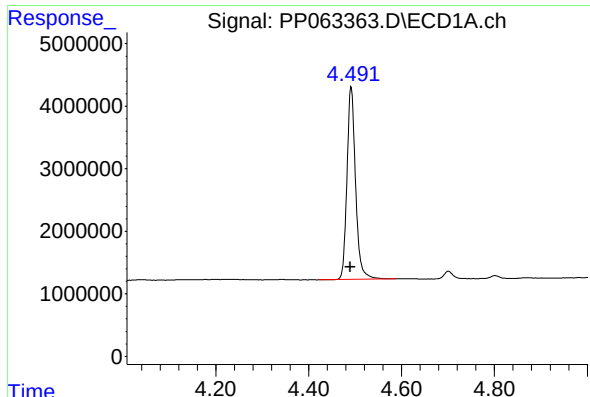
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022324\  
Data File : PP063363.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2024 16:18  
Operator : YP\AJ  
Sample : P1538-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 24 00:17:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020124.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 05 12:13:11 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

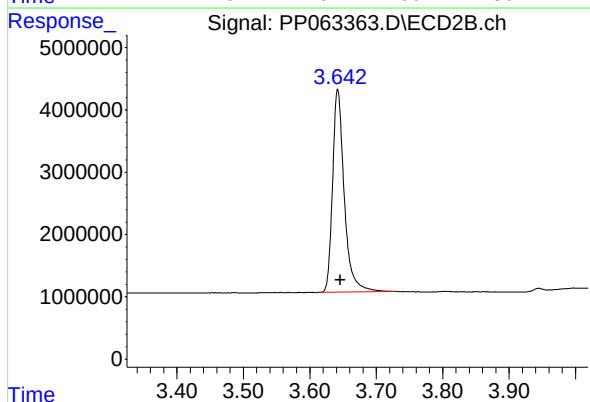
R.T.: 4.492 min  
Delta R.T.: 0.002 min  
Response: 39629354  
Conc: 16.57 ng/ml

Instrument :

ECD\_P

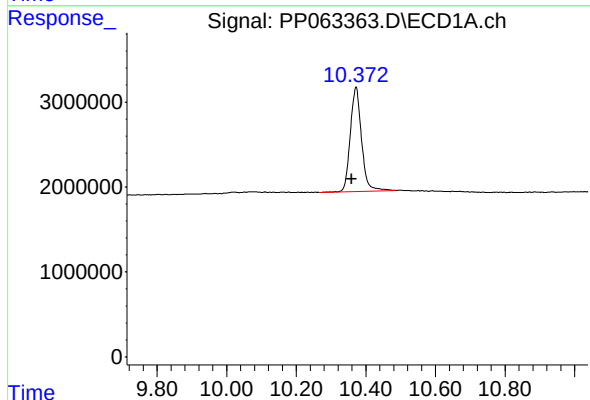
ClientSampleId :

20241100-COMPOSITE-35N-N-4-05



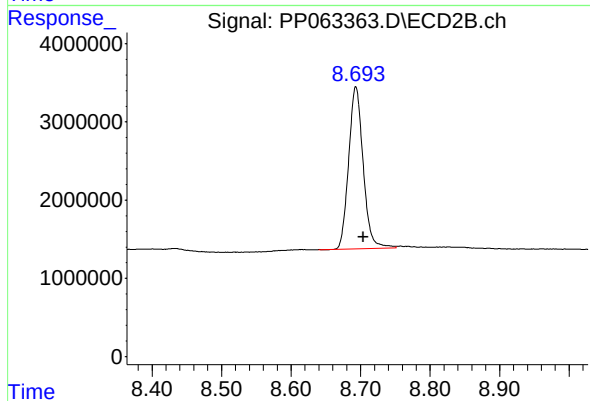
#1 Tetrachloro-m-xylene

R.T.: 3.642 min  
Delta R.T.: -0.004 min  
Response: 39815185  
Conc: 16.75 ng/ml



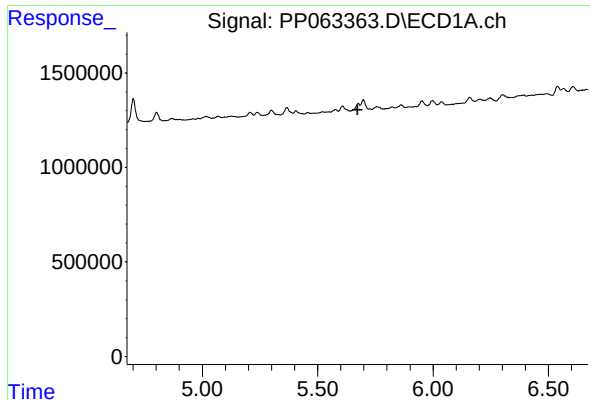
#2 Decachlorobiphenyl

R.T.: 10.372 min  
Delta R.T.: 0.013 min  
Response: 27390532  
Conc: 12.18 ng/ml



#2 Decachlorobiphenyl

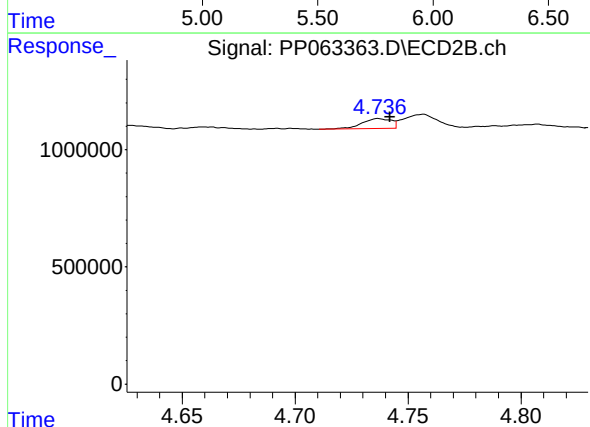
R.T.: 8.693 min  
Delta R.T.: -0.011 min  
Response: 30021887  
Conc: 12.12 ng/ml



#3 AR-1016-1

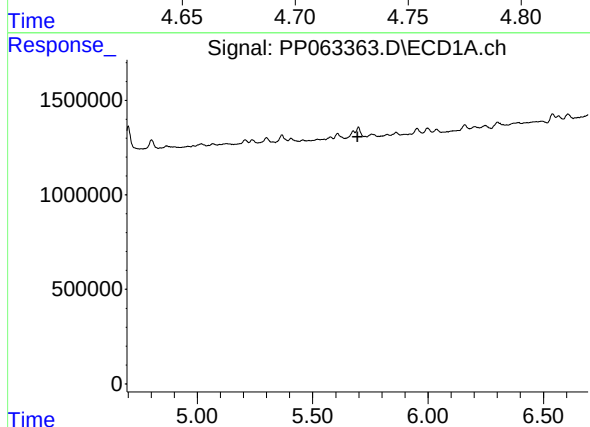
R.T.: 0.000 min  
Exp R.T.: 5.672 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



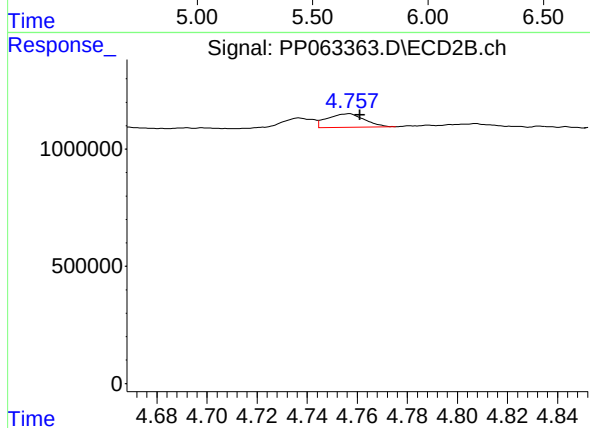
#3 AR-1016-1

R.T.: 4.737 min  
Delta R.T.: -0.005 min  
Response: 378991  
Conc: 5.30 ng/ml



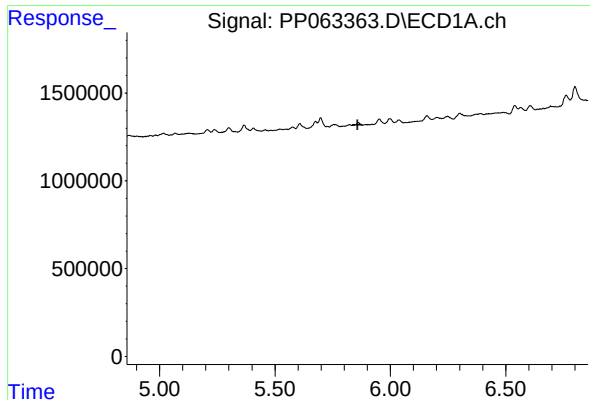
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.695 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

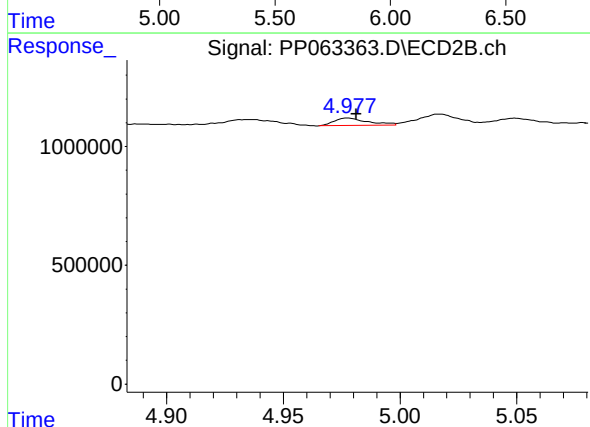
R.T.: 4.756 min  
Delta R.T.: -0.005 min  
Response: 595976  
Conc: 5.80 ng/ml



#6 AR-1016-4

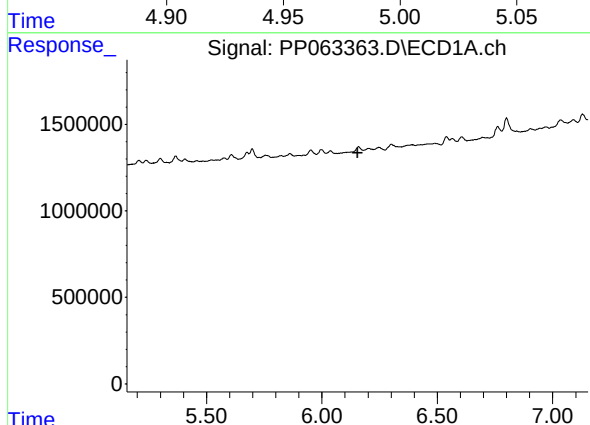
R.T.: 0.000 min  
Exp R.T.: 5.857 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



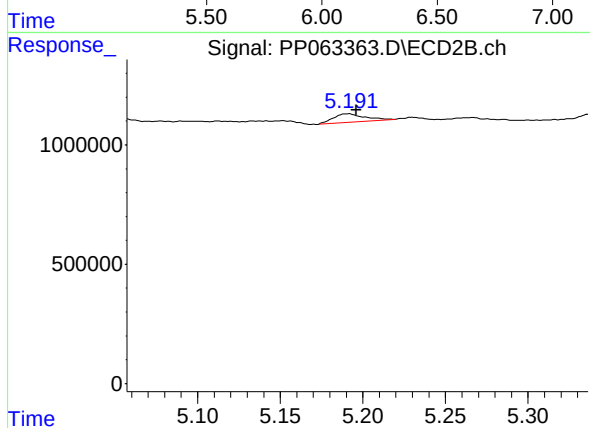
#6 AR-1016-4

R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 315049  
Conc: 6.37 ng/ml



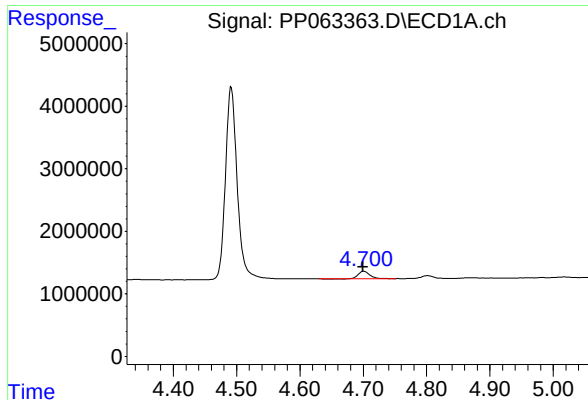
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.155 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

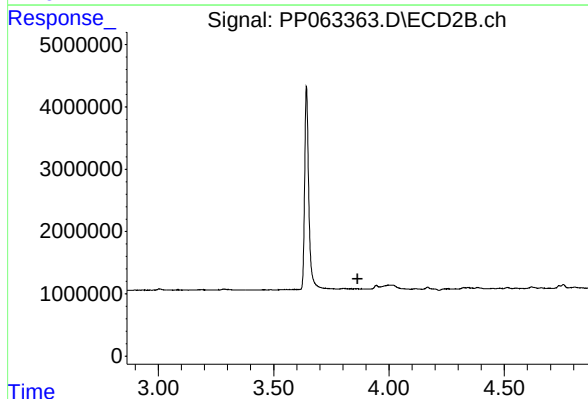
R.T.: 5.191 min  
Delta R.T.: -0.005 min  
Response: 474956  
Conc: 7.55 ng/ml



#8 AR-1221-1

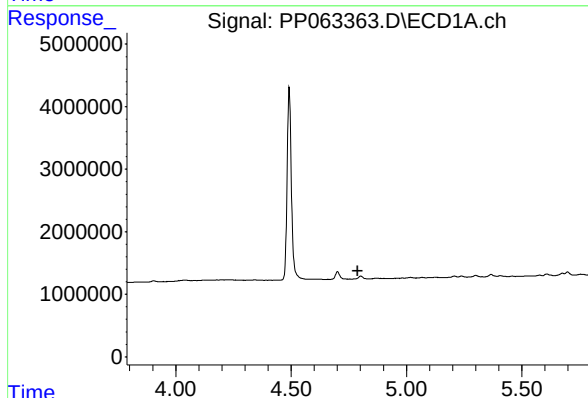
R.T.: 4.701 min  
Delta R.T.: 0.002 min  
Response: 1522825  
Conc: 54.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



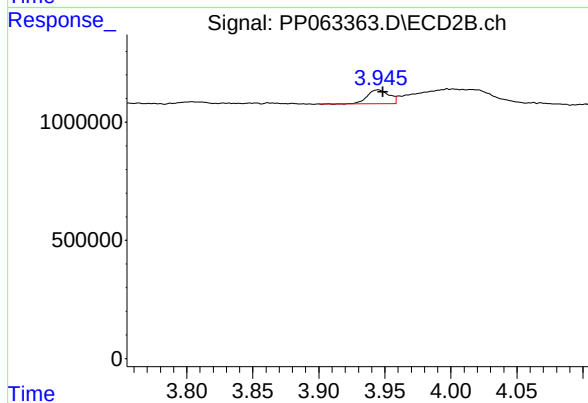
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.863 min  
Response: 0  
Conc: N.D.



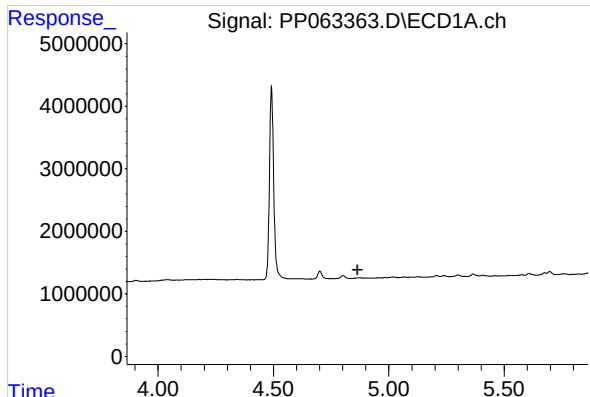
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.787 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

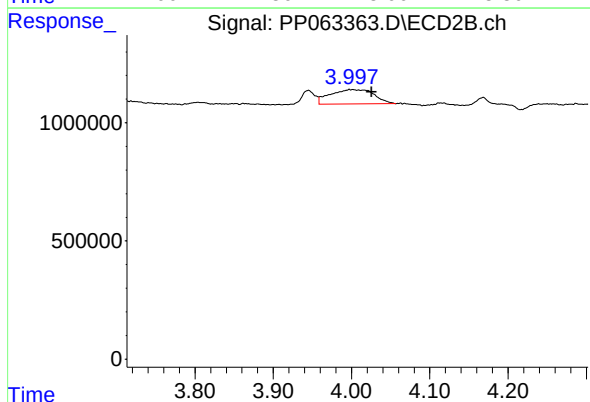
R.T.: 3.945 min  
Delta R.T.: -0.004 min  
Response: 672830  
Conc: 34.06 ng/ml



#10 AR-1221-3

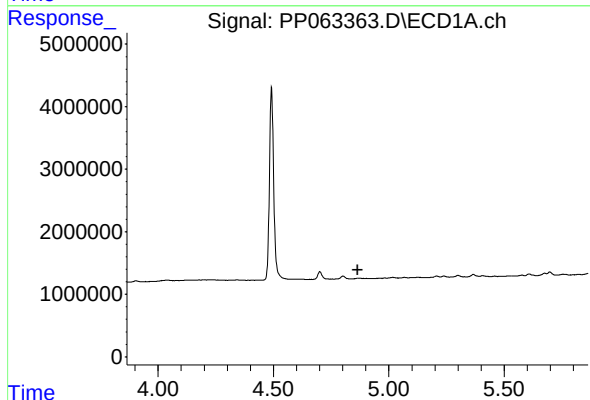
R.T.: 0.000 min  
Exp R.T.: 4.864 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



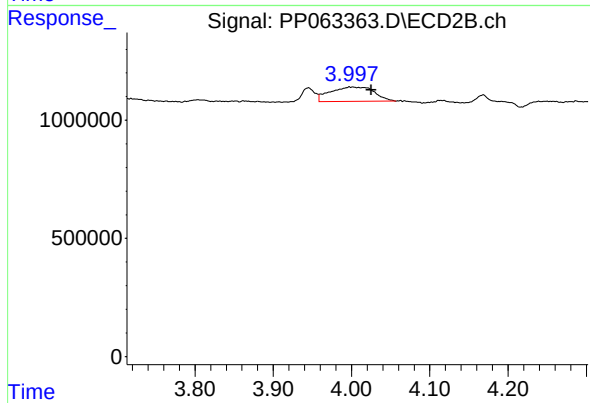
#10 AR-1221-3

R.T.: 3.997 min  
Delta R.T.: -0.028 min  
Response: 2397420  
Conc: 39.38 ng/ml



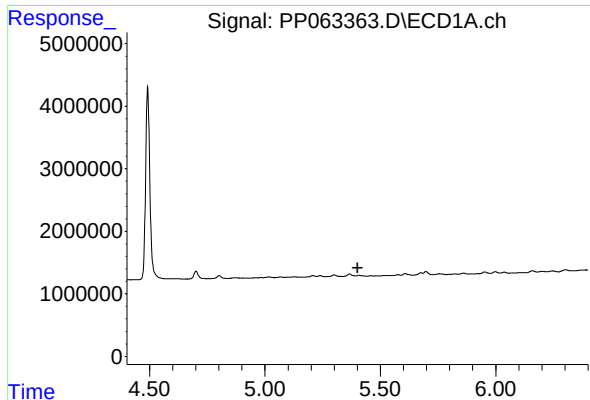
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.864 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

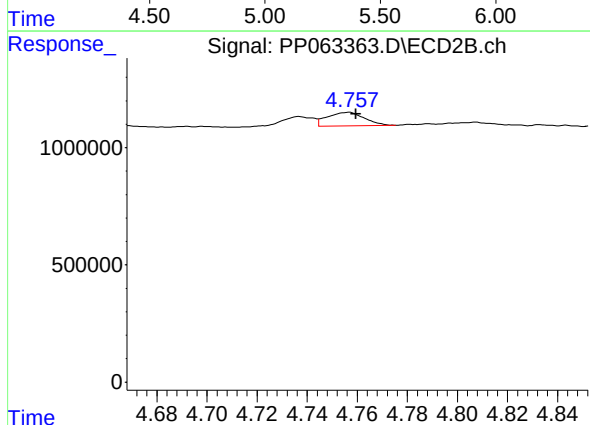
R.T.: 3.997 min  
Delta R.T.: -0.028 min  
Response: 2397420  
Conc: 44.61 ng/ml



#12 AR-1232-2

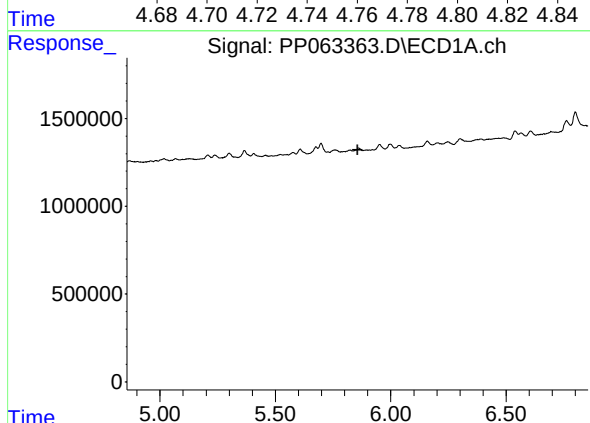
R.T.: 0.000 min  
Exp R.T.: 5.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



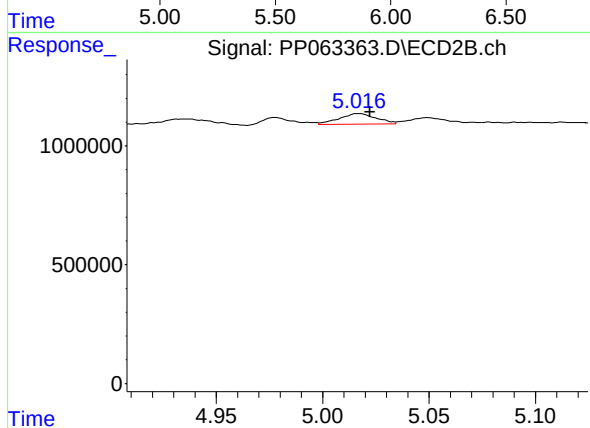
#12 AR-1232-2

R.T.: 4.756 min  
Delta R.T.: -0.003 min  
Response: 595976  
Conc: 12.44 ng/ml



#14 AR-1232-4

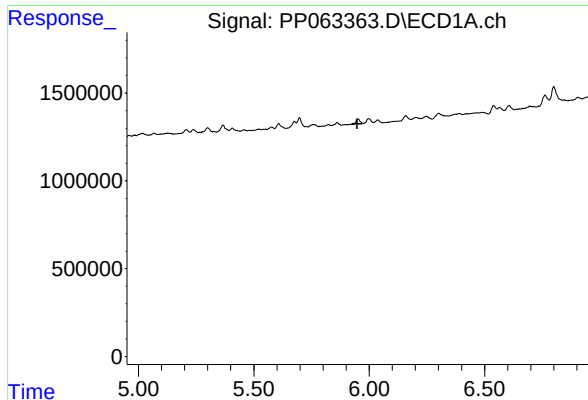
R.T.: 0.000 min  
Exp R.T.: 5.856 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 5.017 min  
Delta R.T.: -0.005 min  
Response: 540675  
Conc: 20.74 ng/ml

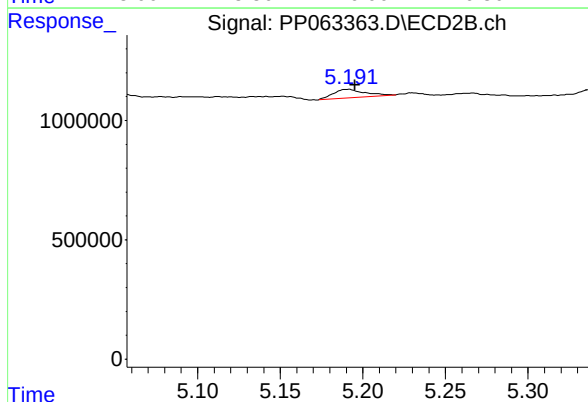




#15 AR-1232-5

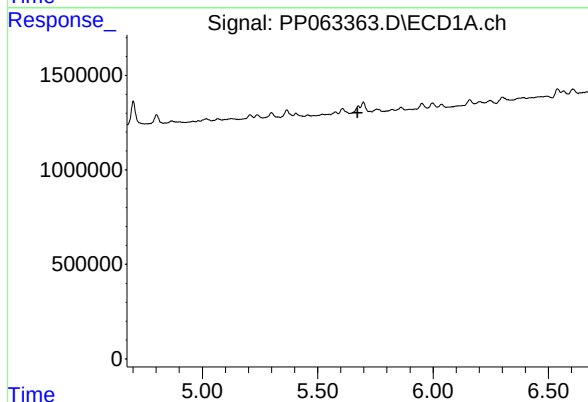
R.T.: 0.000 min  
Exp R.T.: 5.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



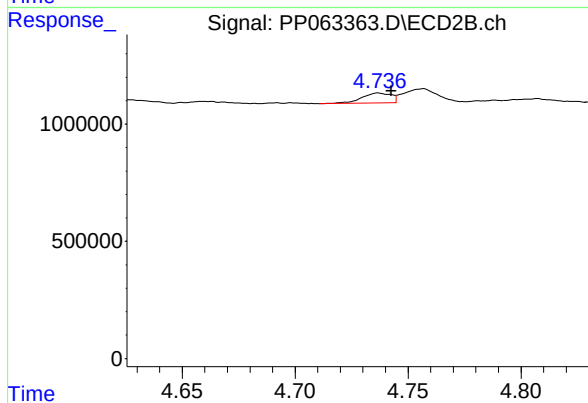
#15 AR-1232-5

R.T.: 5.191 min  
Delta R.T.: -0.004 min  
Response: 474956  
Conc: 17.42 ng/ml



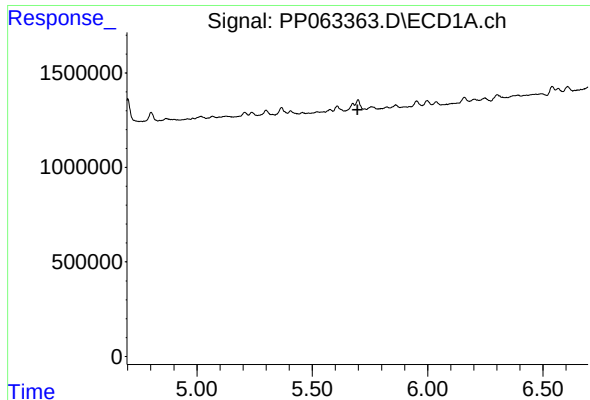
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.673 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

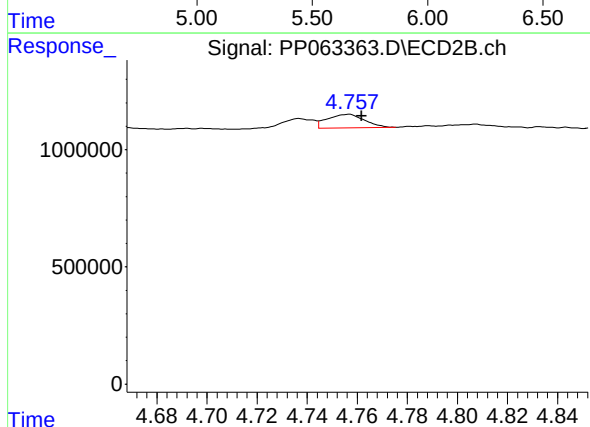
R.T.: 4.737 min  
Delta R.T.: -0.006 min  
Response: 378991  
Conc: 6.97 ng/ml



#17 AR-1242-2

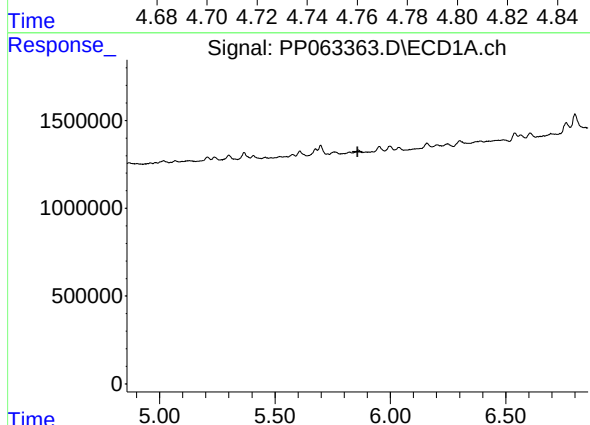
R.T.: 0.000 min  
Exp R.T.: 5.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



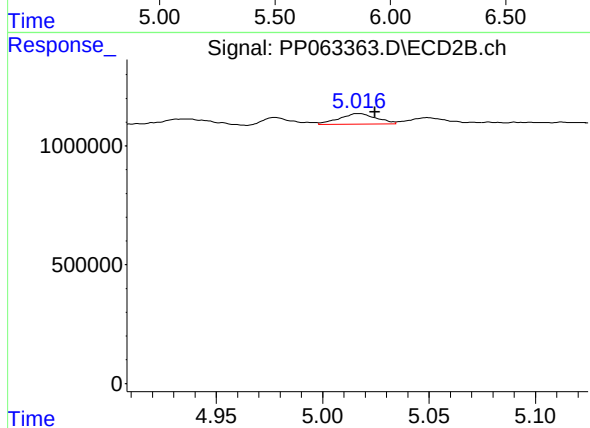
#17 AR-1242-2

R.T.: 4.756 min  
Delta R.T.: -0.005 min  
Response: 595976  
Conc: 7.65 ng/ml



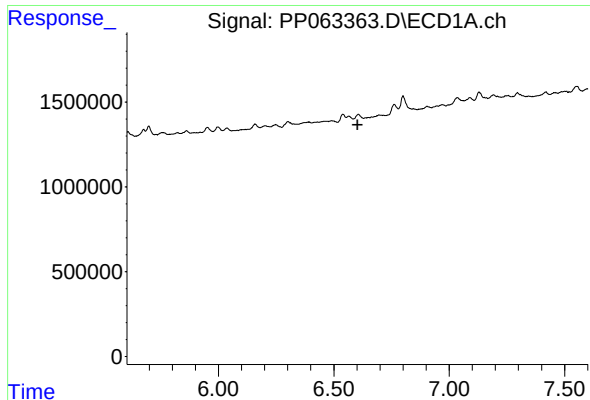
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.858 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

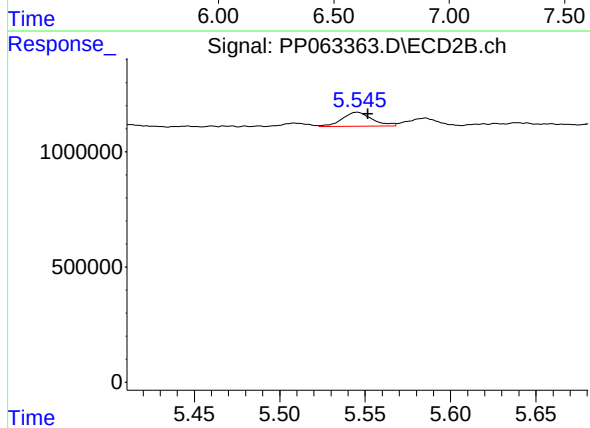
R.T.: 5.017 min  
Delta R.T.: -0.008 min  
Response: 540675  
Conc: 11.58 ng/ml



#20 AR-1242-5

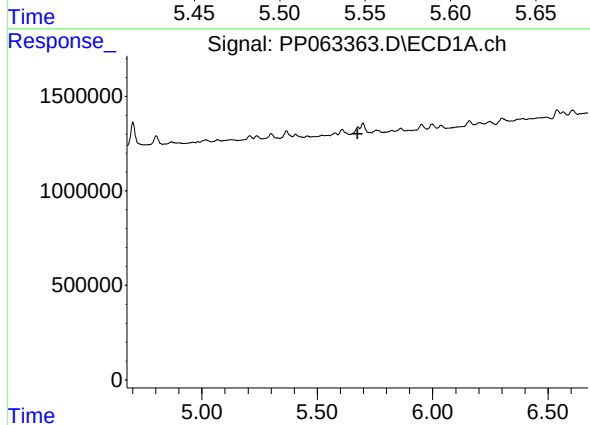
R.T.: 0.000 min  
Exp R.T.: 6.602 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



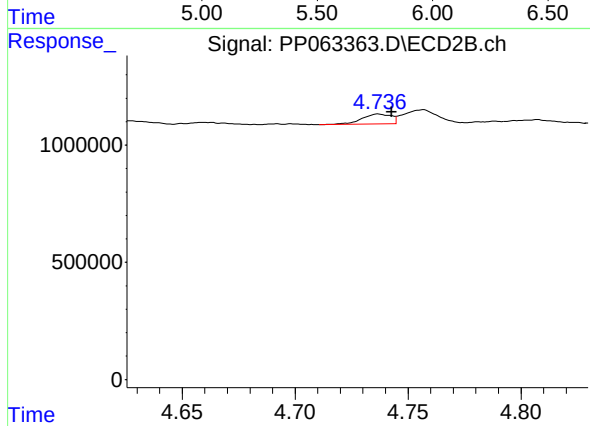
#20 AR-1242-5

R.T.: 5.545 min  
Delta R.T.: -0.006 min  
Response: 738525  
Conc: 14.27 ng/ml



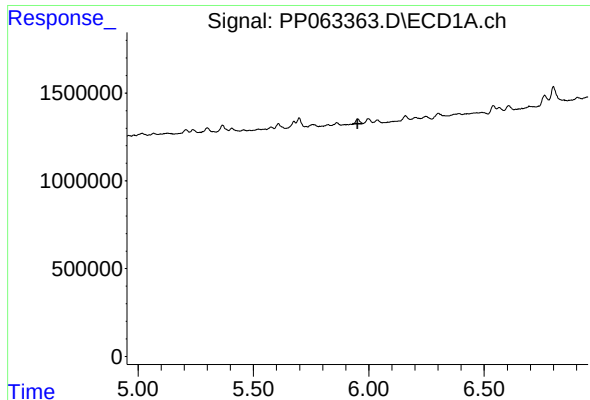
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.675 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

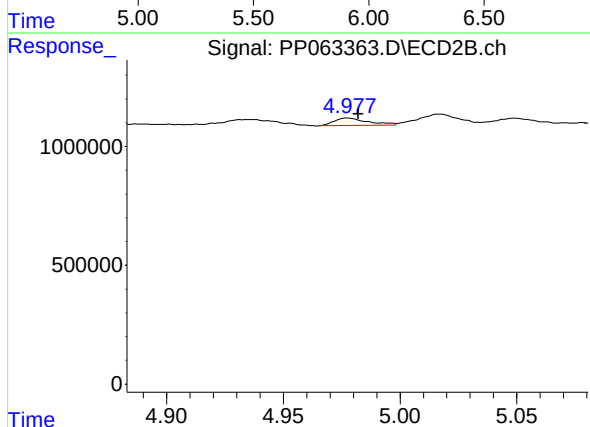
R.T.: 4.737 min  
Delta R.T.: -0.006 min  
Response: 378991  
Conc: 9.15 ng/ml



#22 AR-1248-2

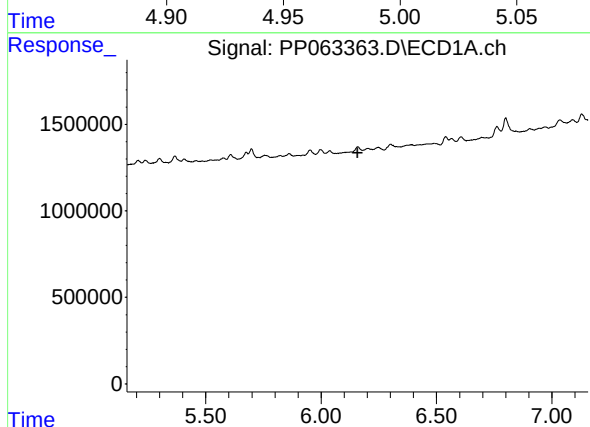
R.T.: 0.000 min  
Exp R.T.: 5.951 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



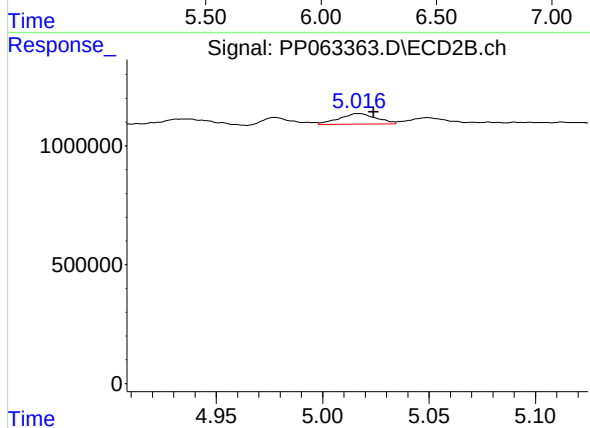
#22 AR-1248-2

R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 315049  
Conc: 4.76 ng/ml



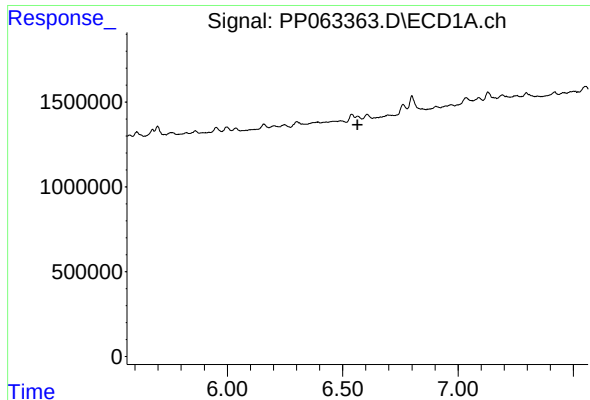
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

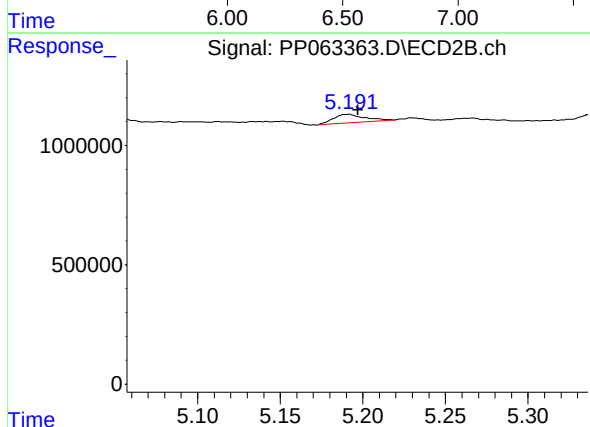
R.T.: 5.017 min  
Delta R.T.: -0.007 min  
Response: 540675  
Conc: 7.72 ng/ml



#24 AR-1248-4

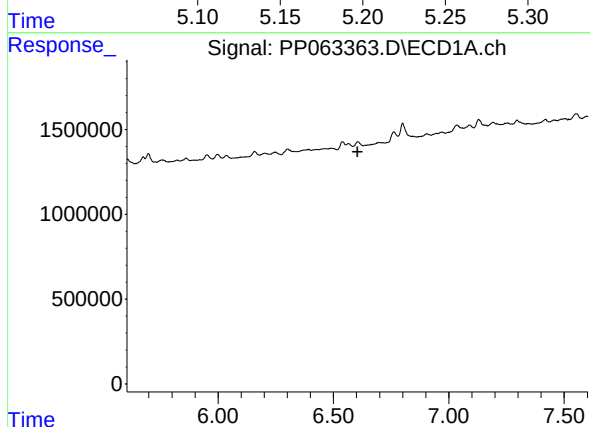
R.T.: 0.000 min  
Exp R.T.: 6.565 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



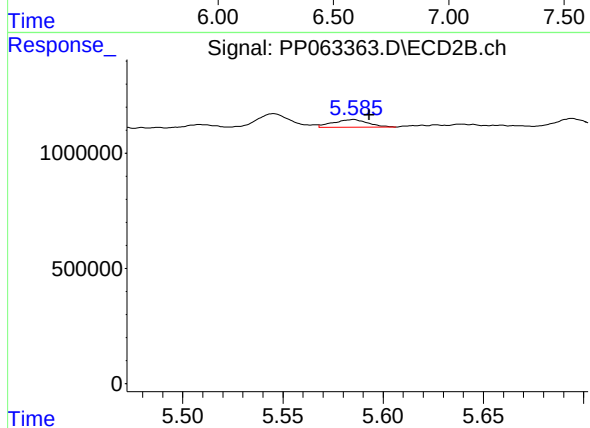
#24 AR-1248-4

R.T.: 5.191 min  
Delta R.T.: -0.006 min  
Response: 474956  
Conc: 5.94 ng/ml



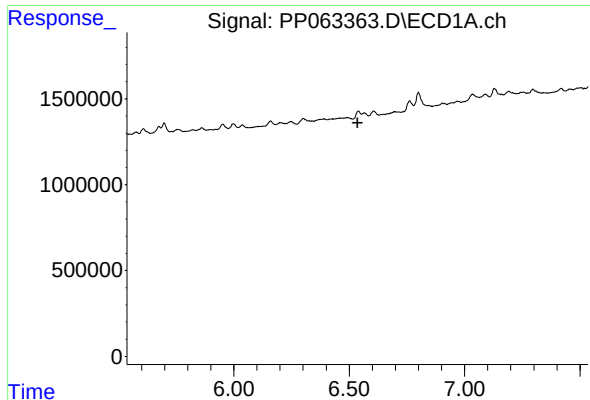
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.604 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

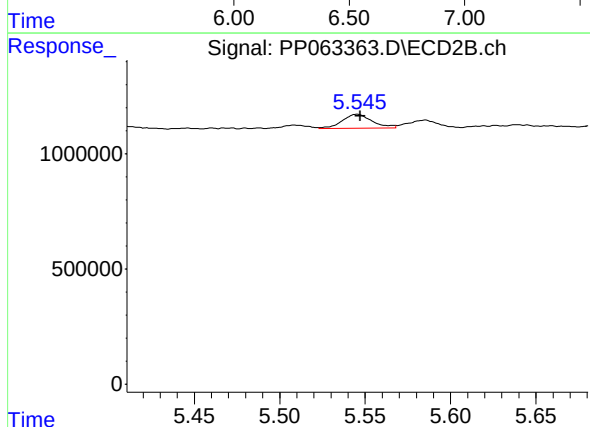
R.T.: 5.585 min  
Delta R.T.: -0.008 min  
Response: 409642  
Conc: 5.97 ng/ml



#26 AR-1254-1

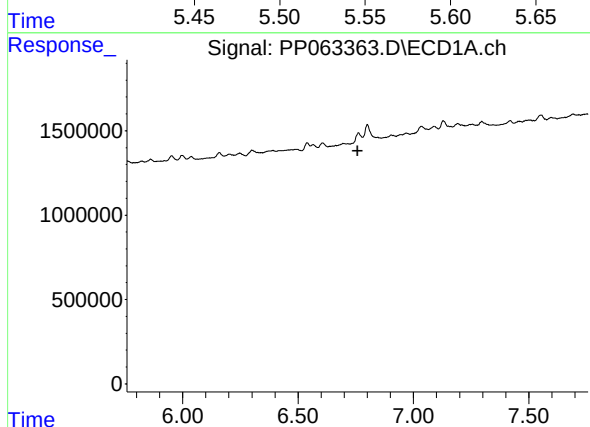
R.T.: 0.000 min  
Exp R.T.: 6.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



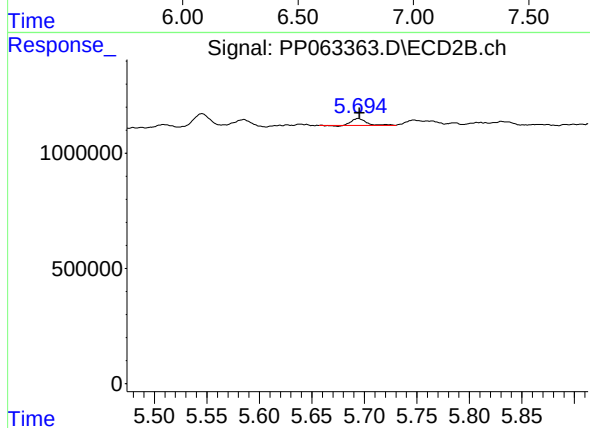
#26 AR-1254-1

R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 738525  
Conc: 6.11 ng/ml



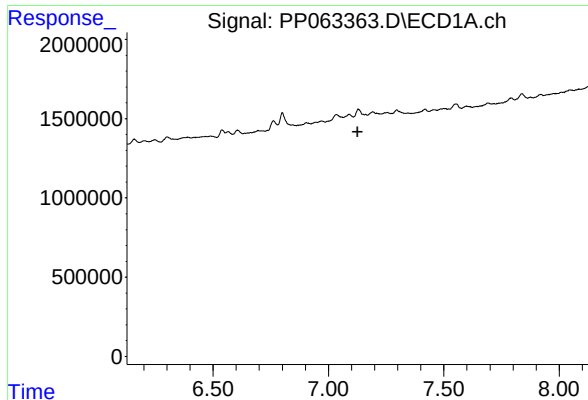
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.757 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

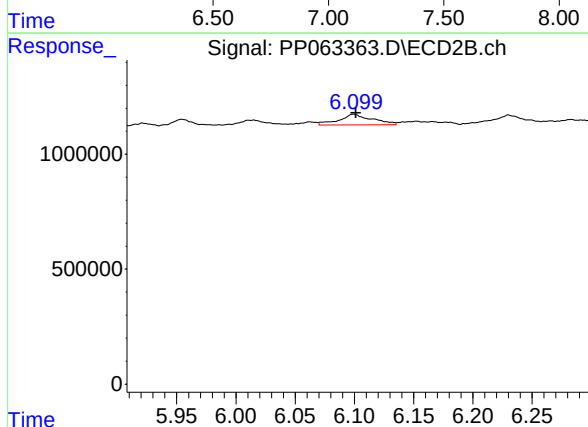
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 281536  
Conc: 2.60 ng/ml



#28 AR-1254-3

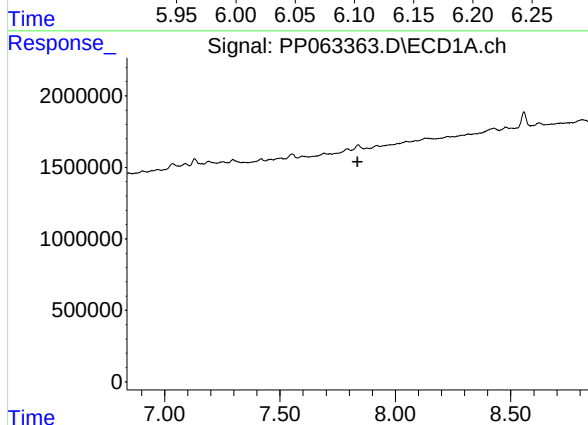
R.T.: 0.000 min  
Exp R.T.: 7.126 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



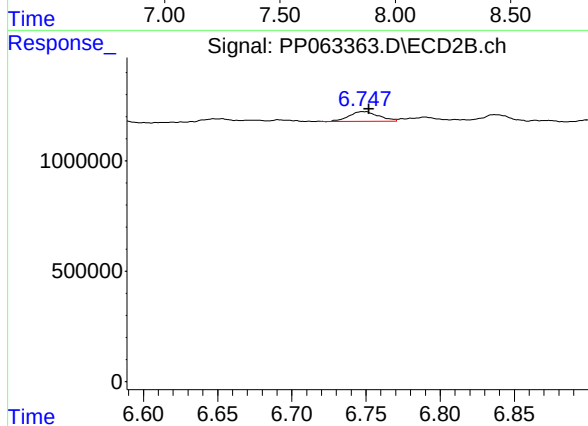
#28 AR-1254-3

R.T.: 6.099 min  
Delta R.T.: -0.002 min  
Response: 910918  
Conc: 5.39 ng/ml



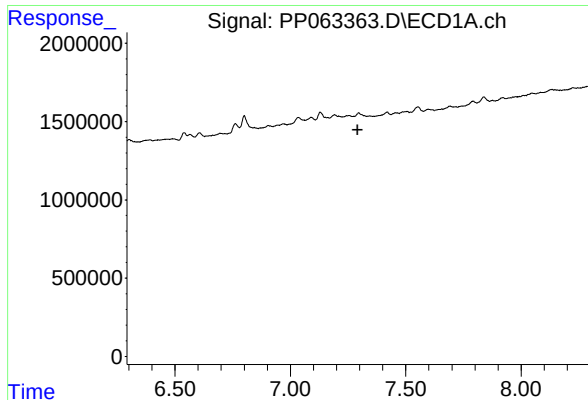
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.836 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

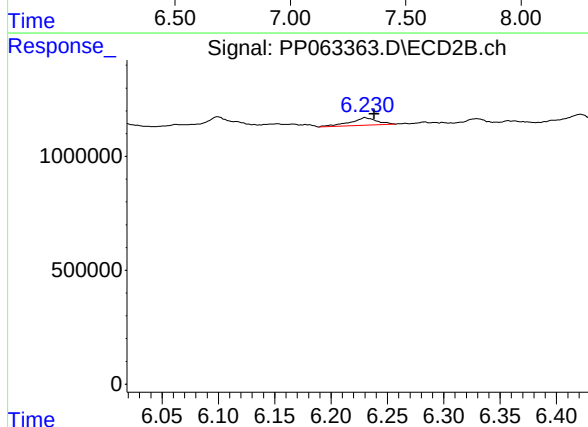
R.T.: 6.748 min  
Delta R.T.: -0.003 min  
Response: 622297  
Conc: 4.42 ng/ml



#31 AR-1260-1

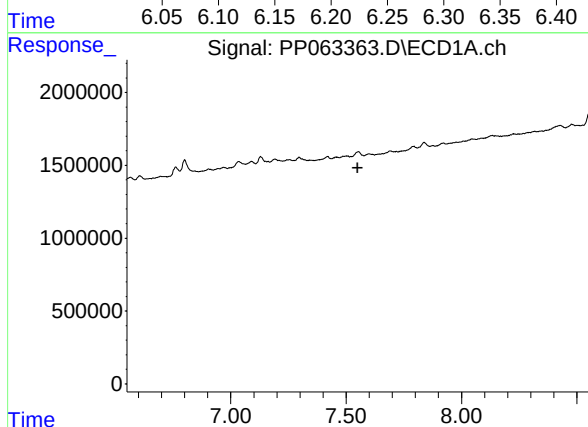
R.T.: 0.000 min  
Exp R.T.: 7.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



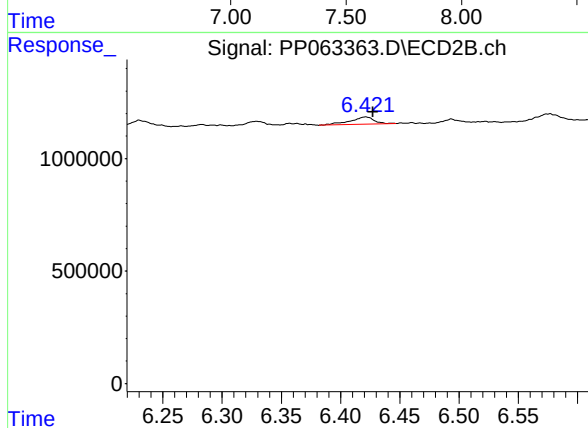
#31 AR-1260-1

R.T.: 6.230 min  
Delta R.T.: -0.008 min  
Response: 543423  
Conc: 4.10 ng/ml



#32 AR-1260-2

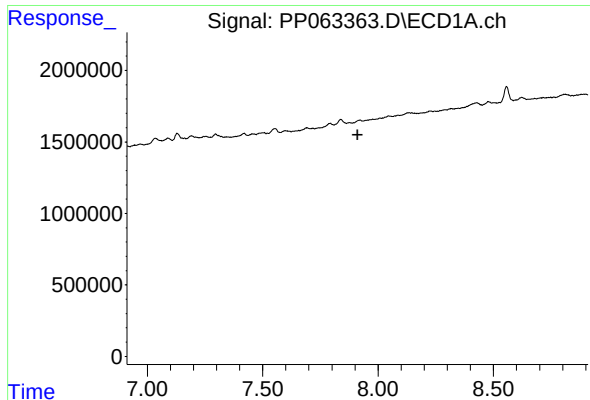
R.T.: 0.000 min  
Exp R.T.: 7.550 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

R.T.: 6.421 min  
Delta R.T.: -0.006 min  
Response: 460029  
Conc: 3.11 ng/ml

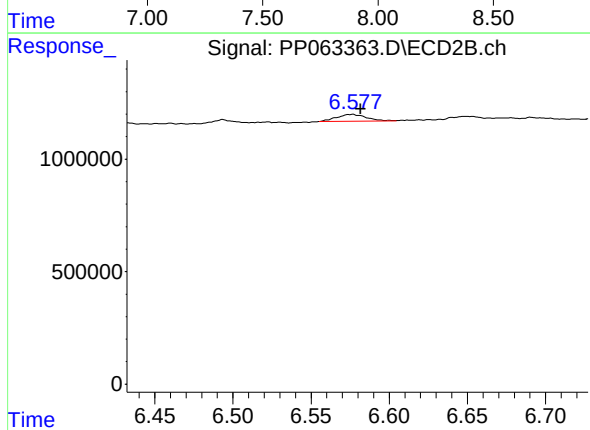




#33 AR-1260-3

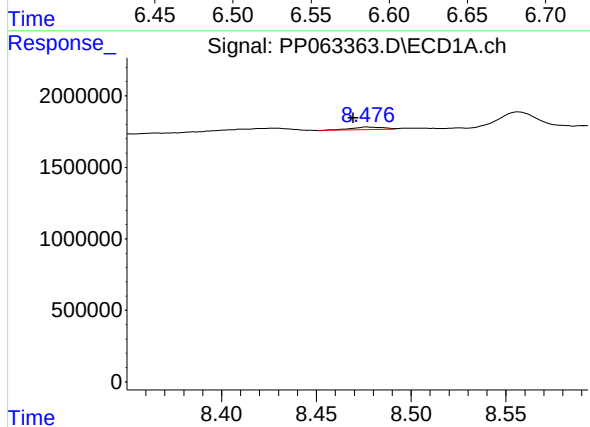
R.T.: 0.000 min  
Exp R.T.: 7.911 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



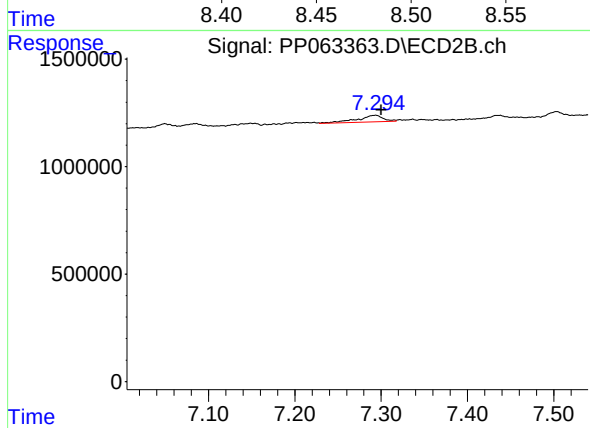
#33 AR-1260-3

R.T.: 6.576 min  
Delta R.T.: -0.006 min  
Response: 400631  
Conc: 2.76 ng/ml



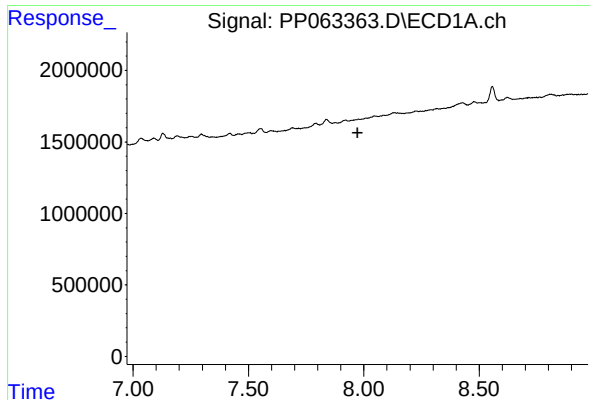
#35 AR-1260-5

R.T.: 8.478 min  
Delta R.T.: 0.009 min  
Response: 227196  
Conc: 1.16 ng/ml



#35 AR-1260-5

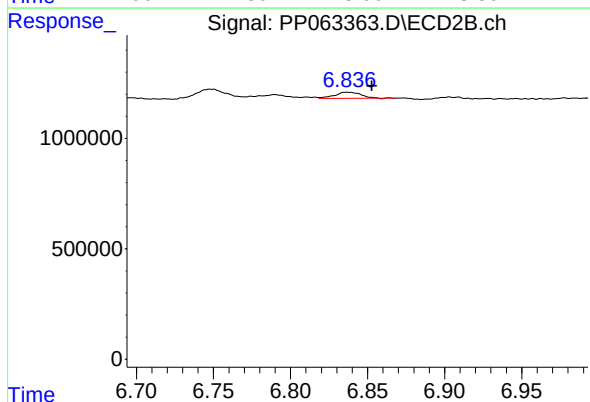
R.T.: 7.293 min  
Delta R.T.: -0.007 min  
Response: 666445  
Conc: 2.68 ng/ml



#36 AR-1262-1

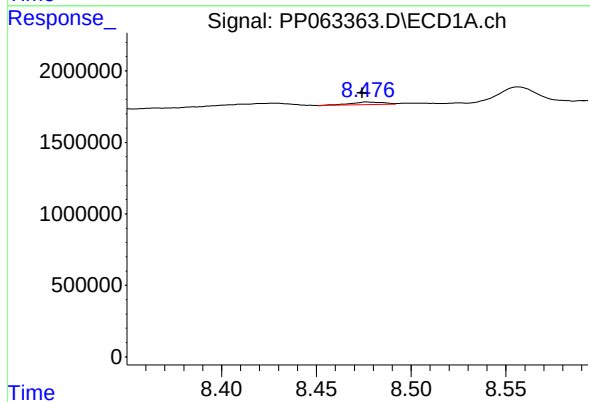
R.T.: 0.000 min  
Exp R.T.: 7.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



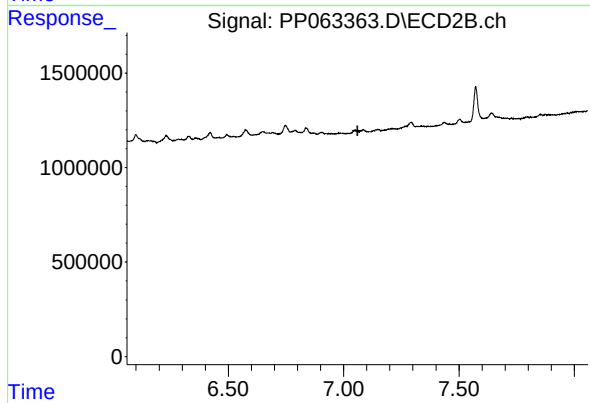
#36 AR-1262-1

R.T.: 6.837 min  
Delta R.T.: -0.016 min  
Response: 335484  
Conc: 4.73 ng/ml



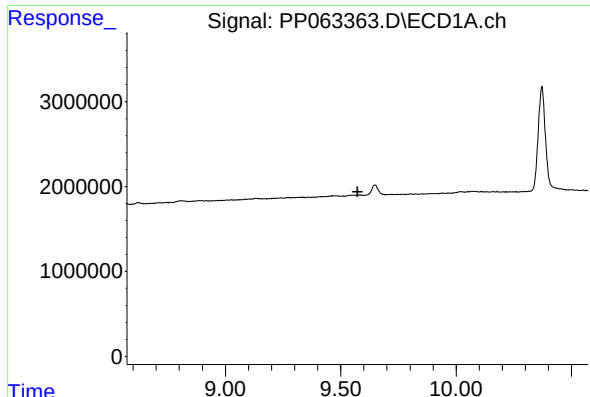
#37 AR-1262-2

R.T.: 8.478 min  
Delta R.T.: 0.004 min  
Response: 227196  
Conc: 0.99 ng/ml



#37 AR-1262-2

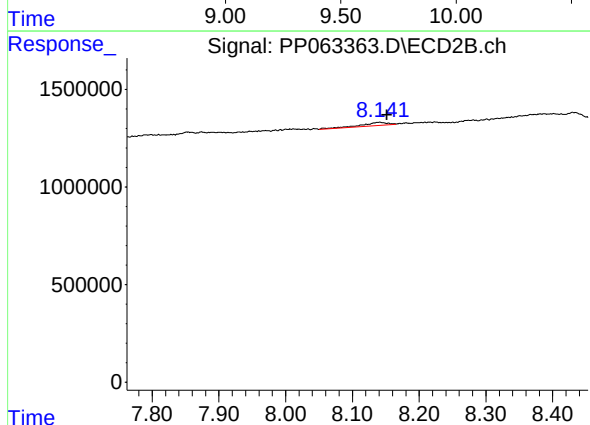
R.T.: 0.000 min  
Exp R.T.: 7.060 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

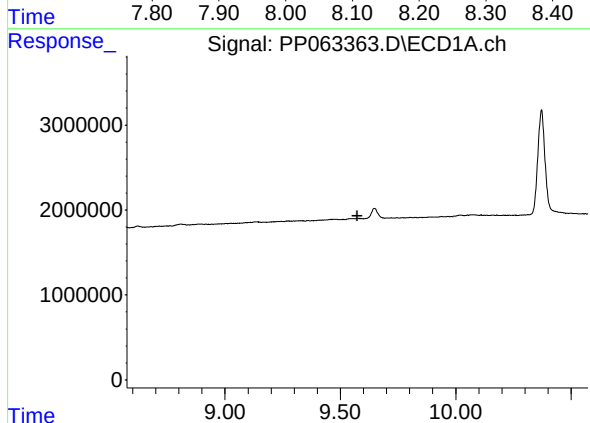
R.T.: 0.000 min  
Exp R.T.: 9.573 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
20241100-COMPOSITE-35N-N-4-05



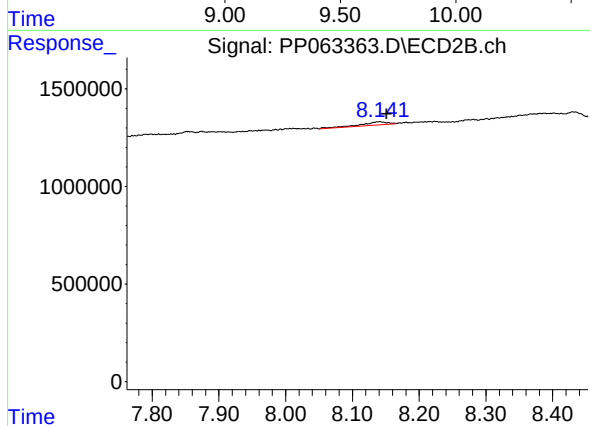
#40 AR-1262-5

R.T.: 8.140 min  
Delta R.T.: -0.011 min  
Response: 464247  
Conc: 5.69 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.574 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 8.140 min  
Delta R.T.: -0.011 min  
Response: 464247  
Conc: 5.29 ng/ml