

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122722\  
 Data File : PO091629.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2022 12:02  
 Operator : YP/AJ  
 Sample : N6190-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 21:17:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO122122.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Dec 22 03:53:05 2022  
 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... | 4.292  | 3.468  | 68144688 | 30378341 | 25.082  | 29.957    |
| 2)                          | SA Decachlor... | 10.030 | 8.465  | 42687378 | 23193284 | 22.685  | 26.585    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.467  | 4.551  | 4616734  | 1915579  | 51.351  | 55.346    |
| 4)                          | L1 AR-1016-2    | 5.489  | 4.570  | 7984965  | 3357200  | 61.910  | 68.144    |
| 5)                          | L1 AR-1016-3    | 5.551  | 4.744  | 4153171  | 1423228  | 52.403  | 54.262    |
| 6)                          | L1 AR-1016-4    | 5.650  | 4.789  | 2384068  | 878464   | 38.709  | 39.742    |
| 7)                          | L1 AR-1016-5    | 5.947  | 5.001  | 2164937  | 1170059  | 34.355  | 43.005 #  |
| 8)                          | L2 AR-1221-1    | 4.499  | 3.684  | 1999073  | 212372   | 58.669  | 16.649 #  |
| 9)                          | L2 AR-1221-2    | 4.596  | 3.764  | 1364314  | 872020   | 53.538  | 89.806 #  |
| 10)                         | L2 AR-1221-3    | 4.665  | 3.841  | 2084169  | 1065078  | 26.652  | 35.230 #  |
| 11)                         | L3 AR-1232-1    | 4.665  | 3.841  | 2084169  | 1065078  | 34.679  | 45.210 #  |
| 12)                         | L3 AR-1232-2    | 5.196  | 4.570  | 2291853  | 3357200  | 63.530  | 139.895 # |
| 13)                         | L3 AR-1232-3    | 5.489  | 4.744  | 7984965  | 1423228  | 129.309 | 113.685   |
| 14)                         | L3 AR-1232-4    | 5.650  | 4.830  | 2384068  | 1178281  | 79.895  | 99.812    |
| 15)                         | L3 AR-1232-5    | 5.743  | 5.001  | 2090135  | 1170059  | 91.444  | 91.054    |
| 16)                         | L4 AR-1242-1    | 5.467  | 4.551  | 4616734  | 1915579  | 63.574  | 69.376    |
| 17)                         | L4 AR-1242-2    | 5.489  | 4.570  | 7984965  | 3357200  | 77.070  | 86.610    |
| 18)                         | L4 AR-1242-3    | 5.551  | 4.744  | 4153171  | 1423228  | 64.114  | 68.337    |
| 19)                         | L4 AR-1242-4    | 5.650  | 4.830  | 2384068  | 1178281  | 47.848  | 53.609    |
| 20)                         | L4 AR-1242-5    | 6.392  | 5.353  | 733595   | 643077   | 14.026  | 24.050 #  |
| 21)                         | L5 AR-1248-1    | 5.467  | 4.551  | 4616734  | 1915579  | 76.763  | 85.244    |
| 22)                         | L5 AR-1248-2    | 5.743  | 4.789  | 2090135  | 878464   | 24.940  | 27.221    |
| 23)                         | L5 AR-1248-3    | 5.947  | 4.830  | 2164937  | 1178281  | 23.973  | 35.733 #  |
| 24)                         | L5 AR-1248-4    | 6.354  | 5.001  | 673873   | 1170059  | 7.017   | 30.516 #  |
| 25)                         | L5 AR-1248-5    | 6.392  | 5.393  | 733595   | 357737   | 7.967   | 10.494 #  |
| 26)                         | L6 AR-1254-1    | 6.326  | 5.353  | 844300   | 643077   | 8.507   | 11.716 #  |
| 28)                         | L6 AR-1254-3    | 6.916  | 0.000  | 950989   | 0        | 6.356   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.624f | 0        | 22262    | N.D.    | 0.318 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.039  | 0        | 79003    | N.D.    | 1.495 #   |
| 32)                         | L7 AR-1260-2    | 7.362  | 0.000  | 1053337  | 0        | 7.695   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.385  | 0        | 535126   | N.D.    | 8.012 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.624  | 0        | 22262    | N.D.    | 0.306 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.375  | 0        | 109842   | N.D.    | 2.218 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.417  | 0        | 1115329  | N.D.    | 12.328 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.957  | 0        | 190640   | N.D.    | 4.445 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.375  | 0        | 109842   | N.D.    | 0.785 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.417  | 0        | 1115329  | N.D.    | 8.819 #   |
| 43)                         | L9 AR-1268-3    | 8.874  | 7.604f | 5456433  | 10268    | 23.828  | 0.095 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.957  | 0        | 190640   | N.D.    | 4.189 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.206  | 0        | 804092   | N.D.    | 2.474 #   |
| -----                       |                 |        |        |          |          |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122722\  
Data File : PO091629.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2022 12:02  
Operator : YP/AJ  
Sample : N6190-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

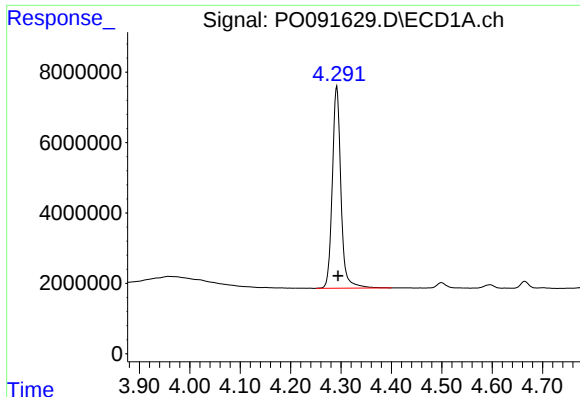
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 21:17:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO122122.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Dec 22 03:53:05 2022  
Response via : Initial Calibration  
Integrator: 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

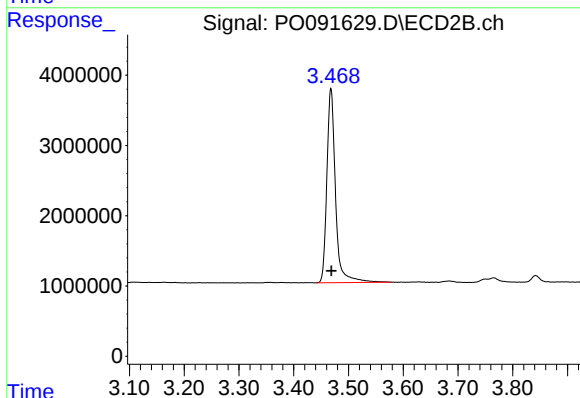




#1 Tetrachloro-m-xylene

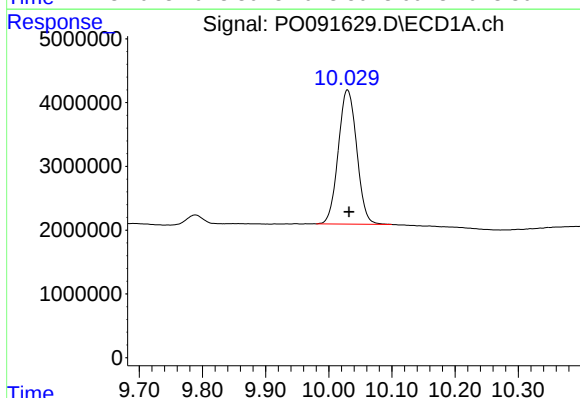
R.T.: 4.292 min  
Delta R.T.: -0.002 min  
Response: 68144688  
Conc: 25.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



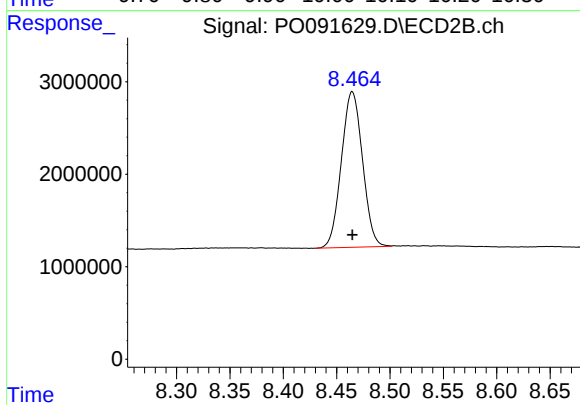
#1 Tetrachloro-m-xylene

R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 30378341  
Conc: 29.96 ng/ml



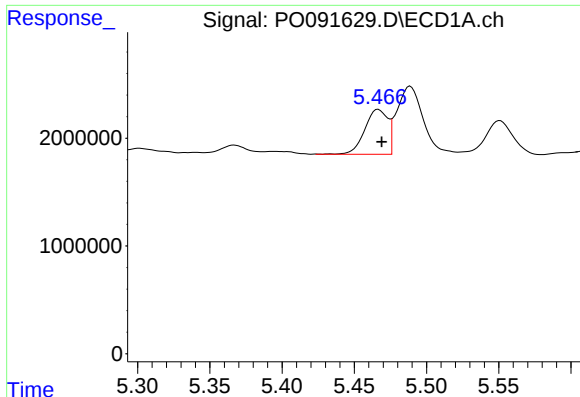
#2 Decachlorobiphenyl

R.T.: 10.030 min  
Delta R.T.: -0.002 min  
Response: 42687378  
Conc: 22.69 ng/ml



#2 Decachlorobiphenyl

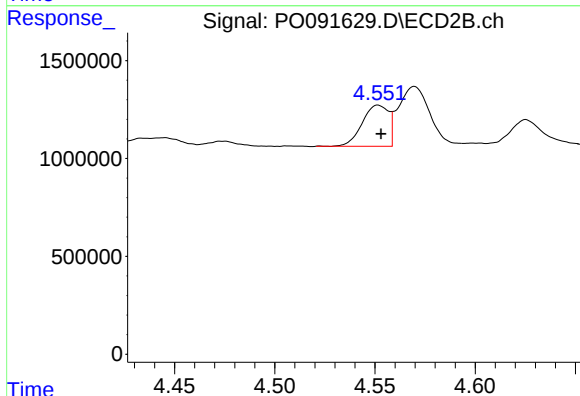
R.T.: 8.465 min  
Delta R.T.: 0.000 min  
Response: 23193284  
Conc: 26.58 ng/ml



#3 AR-1016-1

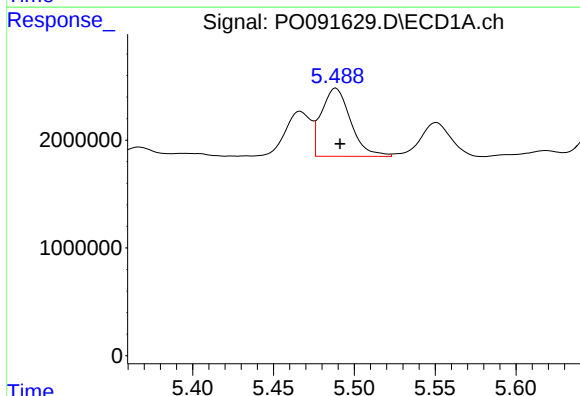
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 4616734  
Conc: 51.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



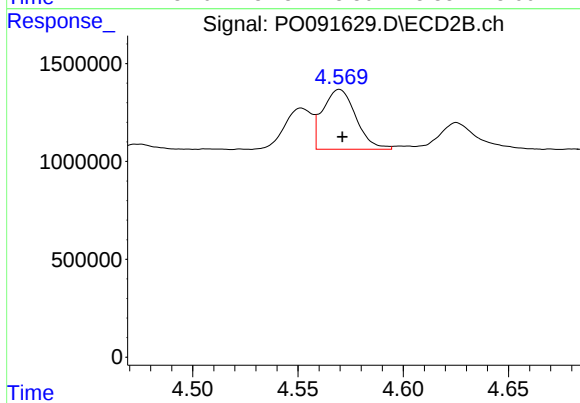
#3 AR-1016-1

R.T.: 4.551 min  
Delta R.T.: -0.002 min  
Response: 1915579  
Conc: 55.35 ng/ml



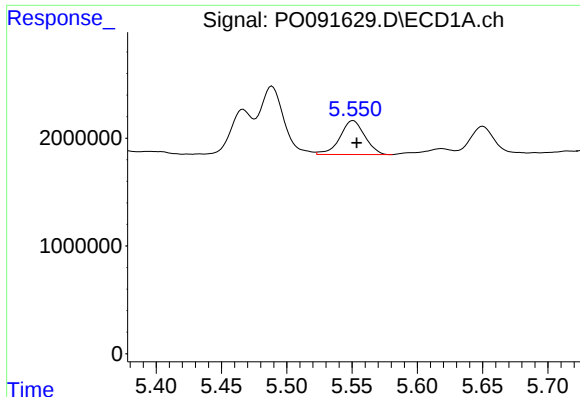
#4 AR-1016-2

R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 7984965  
Conc: 61.91 ng/ml



#4 AR-1016-2

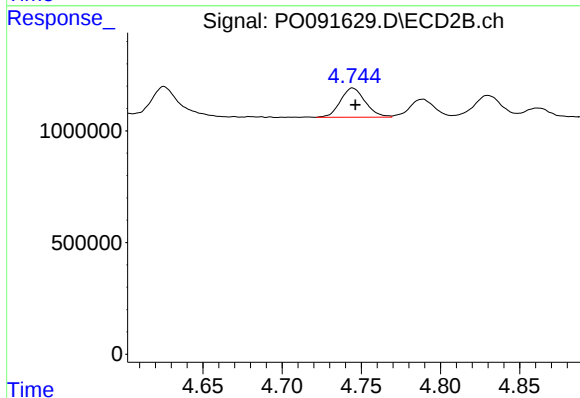
R.T.: 4.570 min  
Delta R.T.: -0.001 min  
Response: 3357200  
Conc: 68.14 ng/ml



#5 AR-1016-3

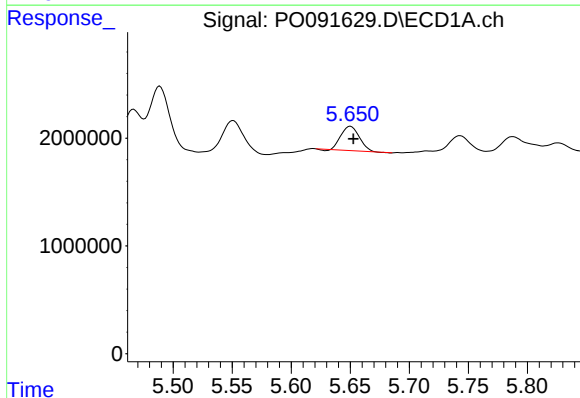
R.T.: 5.551 min  
Delta R.T.: -0.003 min  
Response: 4153171  
Conc: 52.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



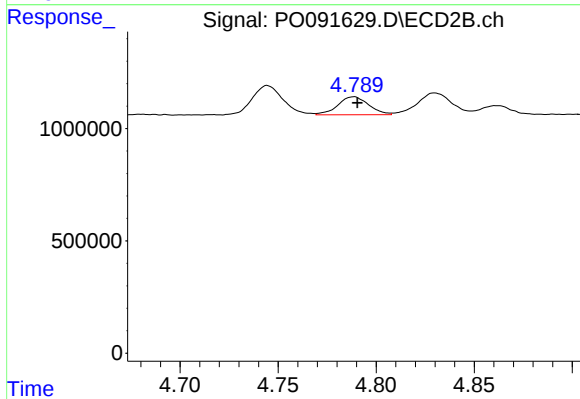
#5 AR-1016-3

R.T.: 4.744 min  
Delta R.T.: -0.002 min  
Response: 1423228  
Conc: 54.26 ng/ml



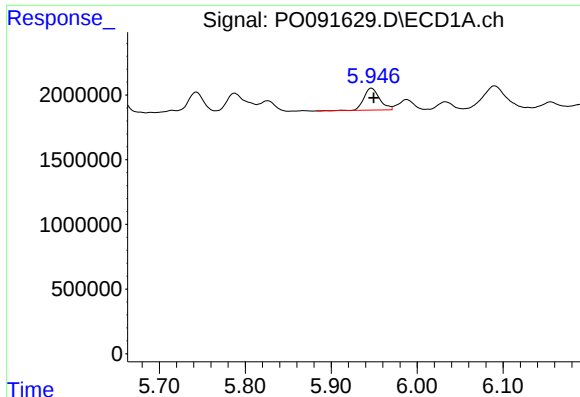
#6 AR-1016-4

R.T.: 5.650 min  
Delta R.T.: -0.002 min  
Response: 2384068  
Conc: 38.71 ng/ml



#6 AR-1016-4

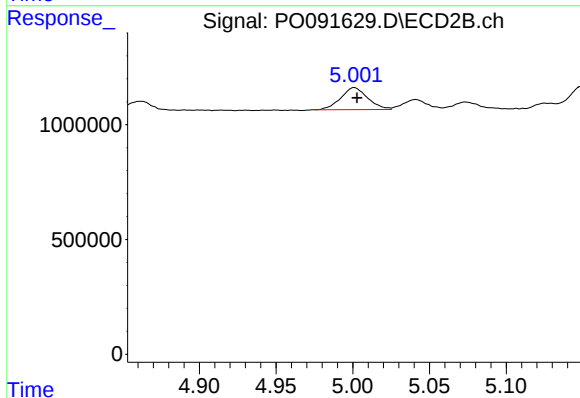
R.T.: 4.789 min  
Delta R.T.: -0.001 min  
Response: 878464  
Conc: 39.74 ng/ml



#7 AR-1016-5

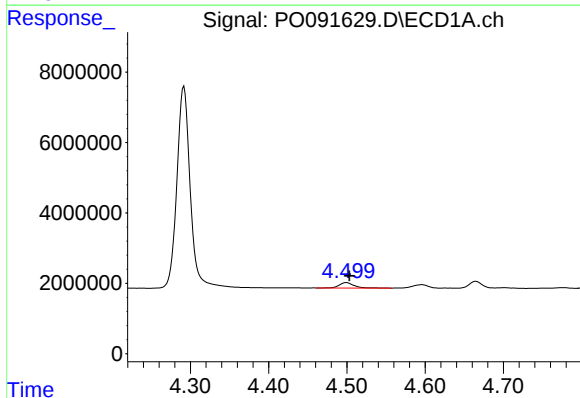
R.T.: 5.947 min  
Delta R.T.: -0.003 min  
Response: 2164937  
Conc: 34.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



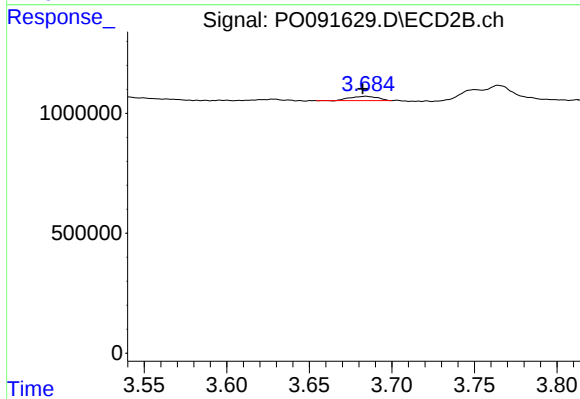
#7 AR-1016-5

R.T.: 5.001 min  
Delta R.T.: -0.002 min  
Response: 1170059  
Conc: 43.00 ng/ml



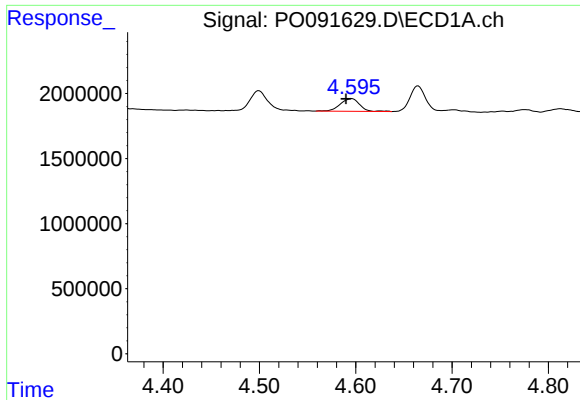
#8 AR-1221-1

R.T.: 4.499 min  
Delta R.T.: -0.004 min  
Response: 1999073  
Conc: 58.67 ng/ml



#8 AR-1221-1

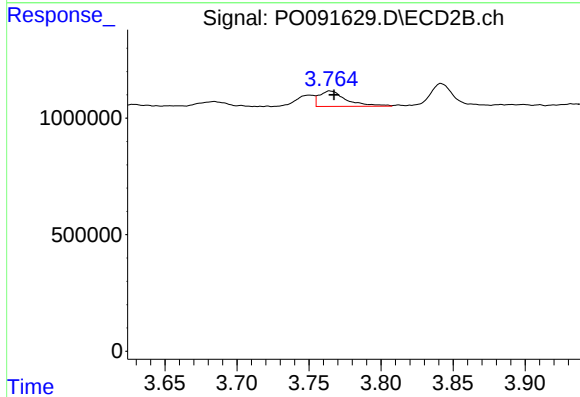
R.T.: 3.684 min  
Delta R.T.: 0.002 min  
Response: 212372  
Conc: 16.65 ng/ml



#9 AR-1221-2

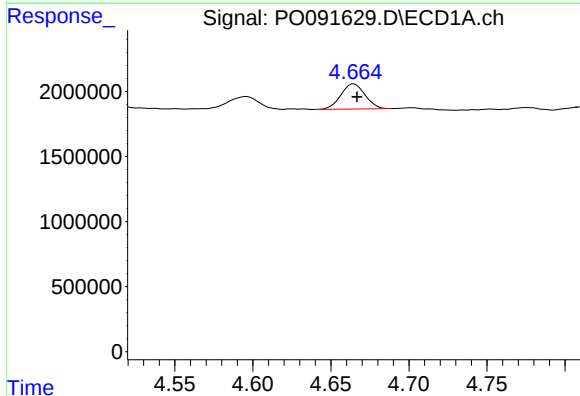
R.T.: 4.596 min  
Delta R.T.: 0.006 min  
Response: 1364314  
Conc: 53.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



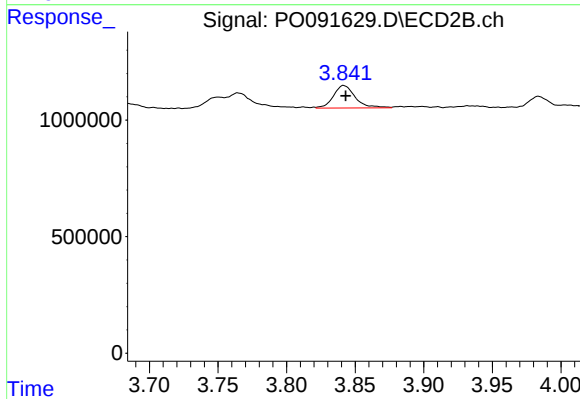
#9 AR-1221-2

R.T.: 3.764 min  
Delta R.T.: -0.003 min  
Response: 872020  
Conc: 89.81 ng/ml



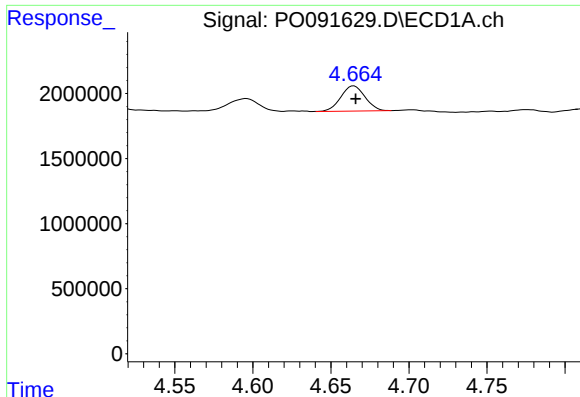
#10 AR-1221-3

R.T.: 4.665 min  
Delta R.T.: -0.002 min  
Response: 2084169  
Conc: 26.65 ng/ml



#10 AR-1221-3

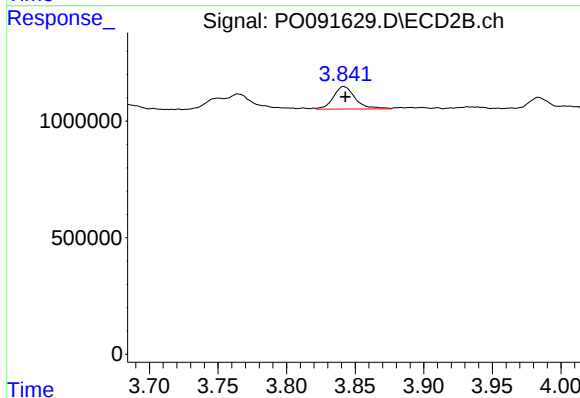
R.T.: 3.841 min  
Delta R.T.: -0.002 min  
Response: 1065078  
Conc: 35.23 ng/ml



#11 AR-1232-1

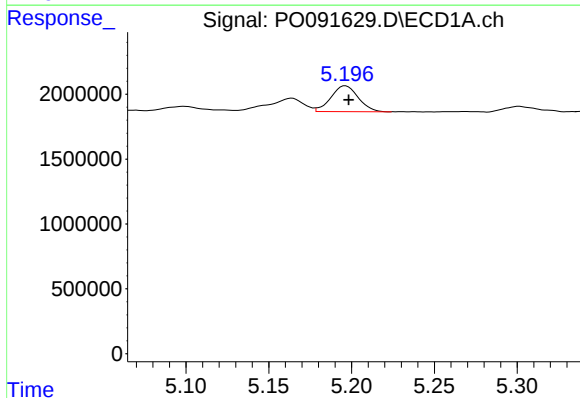
R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 2084169  
Conc: 34.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



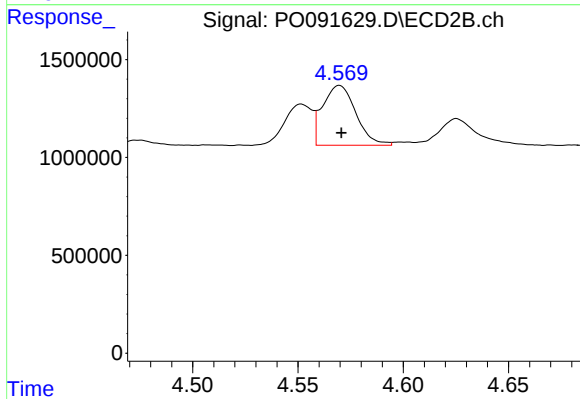
#11 AR-1232-1

R.T.: 3.841 min  
Delta R.T.: -0.001 min  
Response: 1065078  
Conc: 45.21 ng/ml



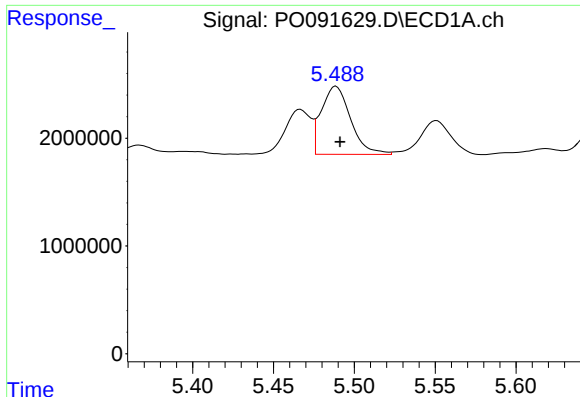
#12 AR-1232-2

R.T.: 5.196 min  
Delta R.T.: -0.002 min  
Response: 2291853  
Conc: 63.53 ng/ml



#12 AR-1232-2

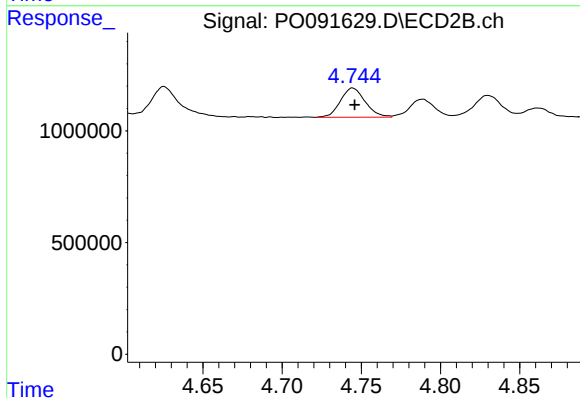
R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 3357200  
Conc: 139.89 ng/ml



#13 AR-1232-3

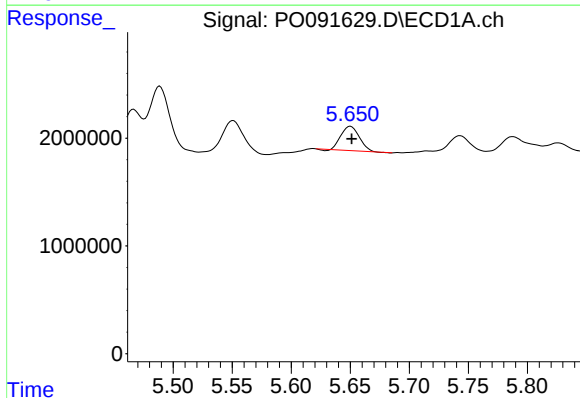
R.T.: 5.489 min  
Delta R.T.: -0.002 min  
Response: 7984965  
Conc: 129.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



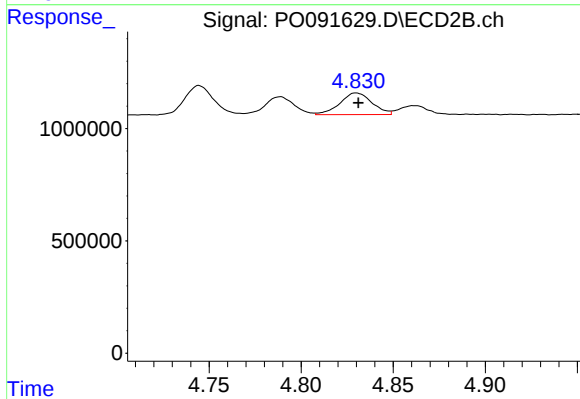
#13 AR-1232-3

R.T.: 4.744 min  
Delta R.T.: -0.001 min  
Response: 1423228  
Conc: 113.68 ng/ml



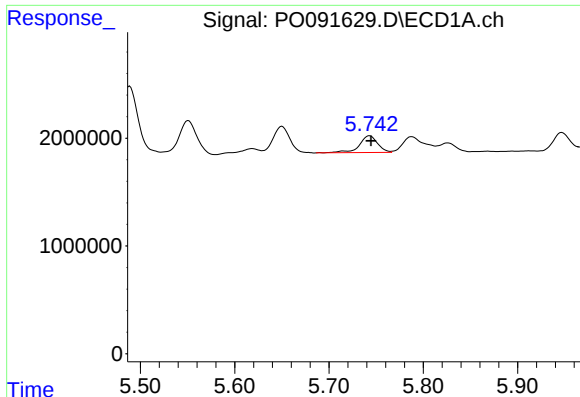
#14 AR-1232-4

R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 2384068  
Conc: 79.90 ng/ml



#14 AR-1232-4

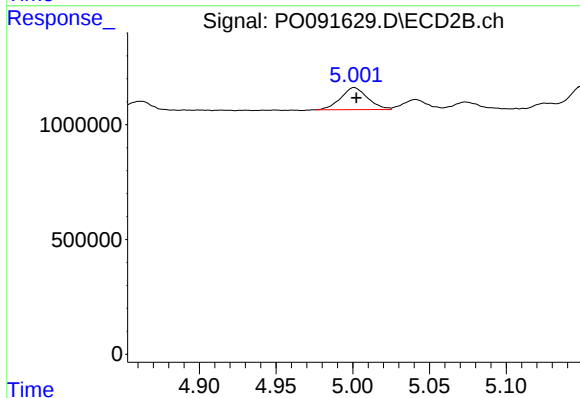
R.T.: 4.830 min  
Delta R.T.: -0.001 min  
Response: 1178281  
Conc: 99.81 ng/ml



#15 AR-1232-5

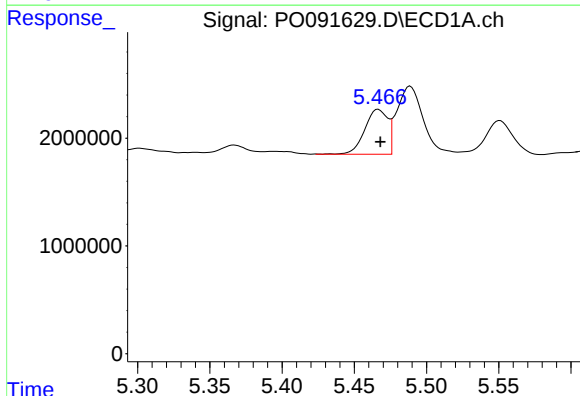
R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 2090135  
Conc: 91.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



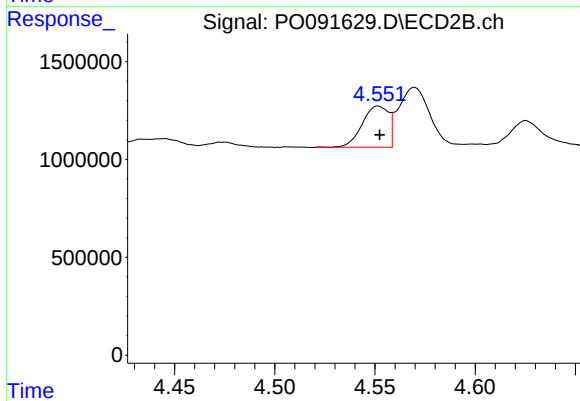
#15 AR-1232-5

R.T.: 5.001 min  
Delta R.T.: -0.001 min  
Response: 1170059  
Conc: 91.05 ng/ml



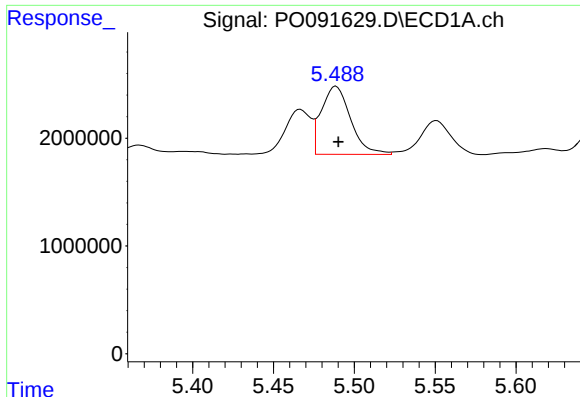
#16 AR-1242-1

R.T.: 5.467 min  
Delta R.T.: -0.001 min  
Response: 4616734  
Conc: 63.57 ng/ml



#16 AR-1242-1

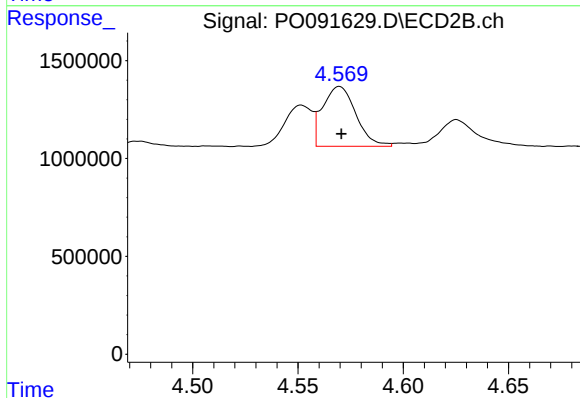
R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 1915579  
Conc: 69.38 ng/ml



#17 AR-1242-2

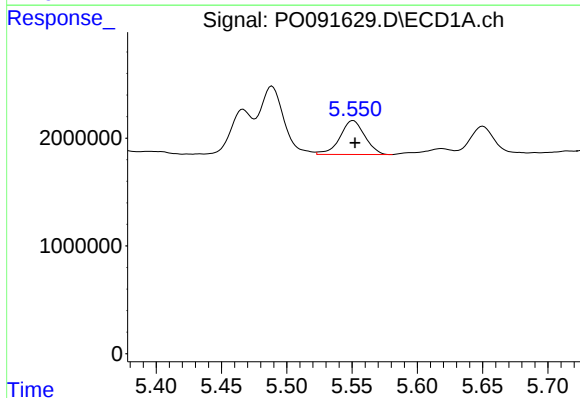
R.T.: 5.489 min  
Delta R.T.: -0.001 min  
Response: 7984965  
Conc: 77.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



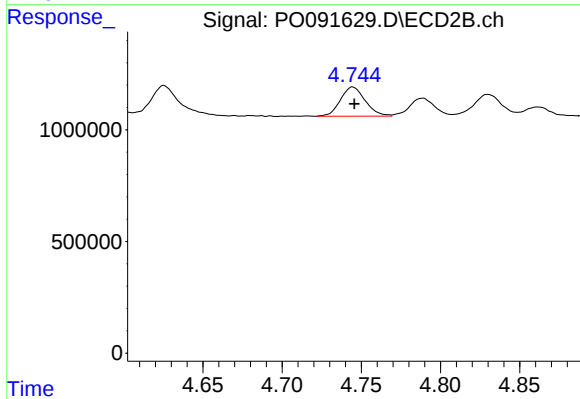
#17 AR-1242-2

R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 3357200  
Conc: 86.61 ng/ml



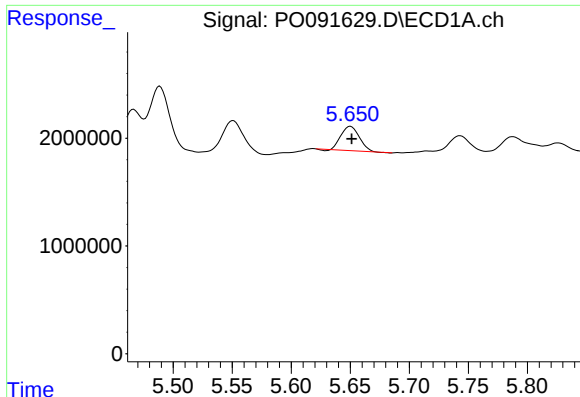
#18 AR-1242-3

R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 4153171  
Conc: 64.11 ng/ml



#18 AR-1242-3

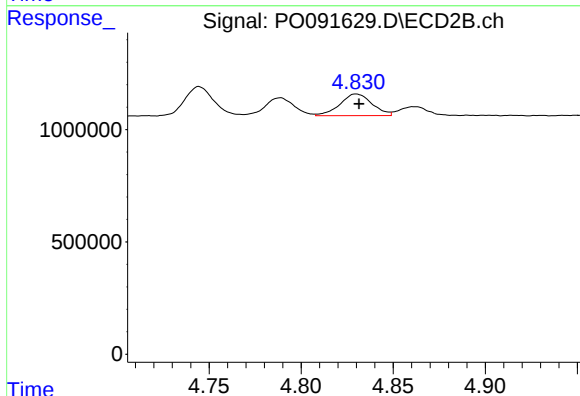
R.T.: 4.744 min  
Delta R.T.: -0.001 min  
Response: 1423228  
Conc: 68.34 ng/ml



#19 AR-1242-4

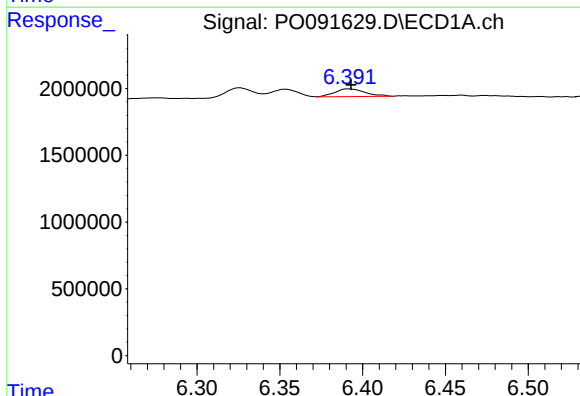
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 2384068  
Conc: 47.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



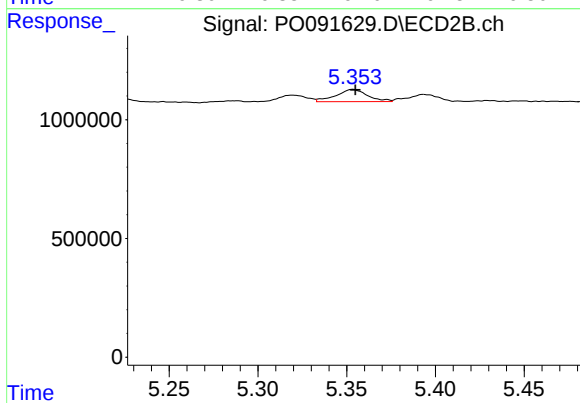
#19 AR-1242-4

R.T.: 4.830 min  
Delta R.T.: -0.002 min  
Response: 1178281  
Conc: 53.61 ng/ml



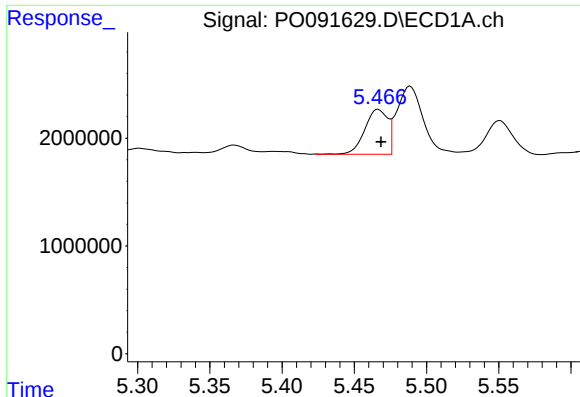
#20 AR-1242-5

R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 733595  
Conc: 14.03 ng/ml



#20 AR-1242-5

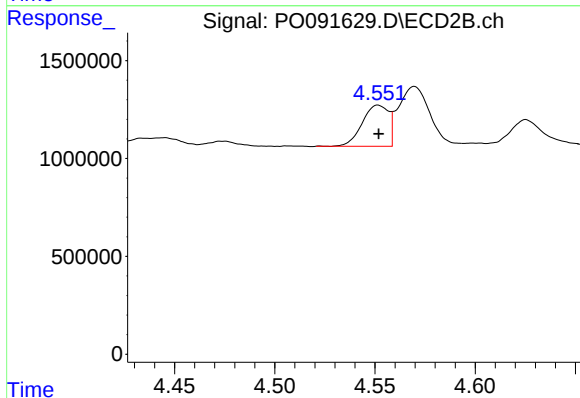
R.T.: 5.353 min  
Delta R.T.: -0.001 min  
Response: 643077  
Conc: 24.05 ng/ml



#21 AR-1248-1

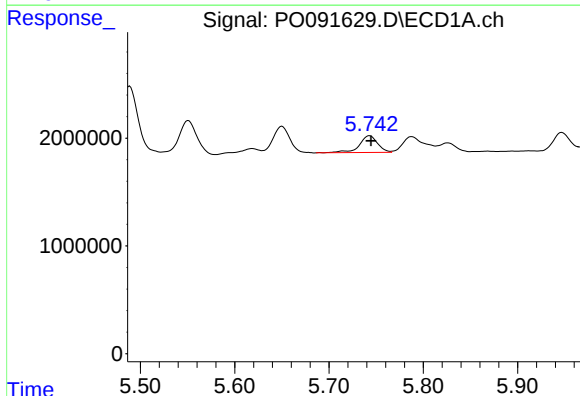
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 4616734  
Conc: 76.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



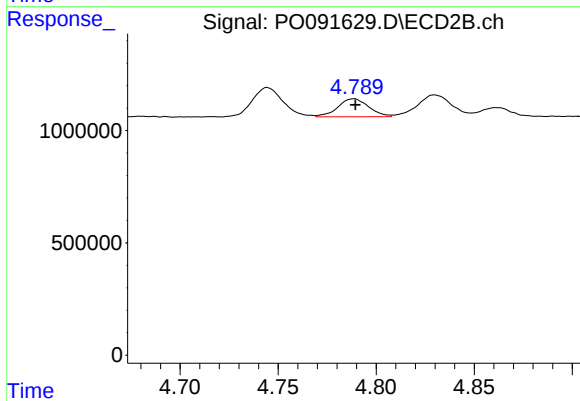
#21 AR-1248-1

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 1915579  
Conc: 85.24 ng/ml



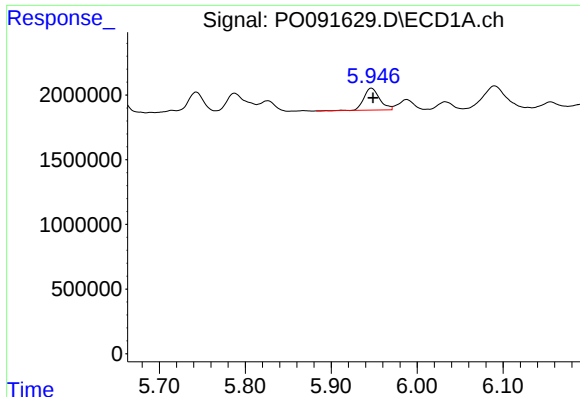
#22 AR-1248-2

R.T.: 5.743 min  
Delta R.T.: -0.001 min  
Response: 2090135  
Conc: 24.94 ng/ml



#22 AR-1248-2

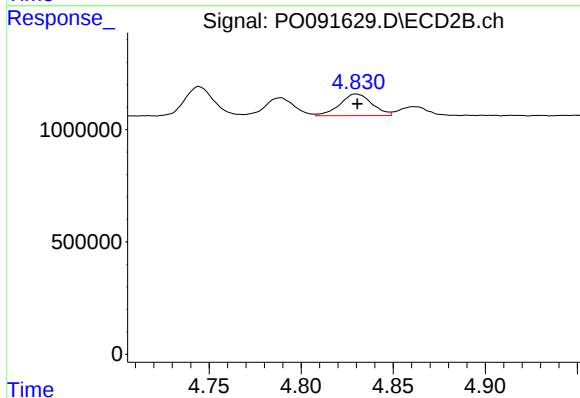
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 878464  
Conc: 27.22 ng/ml



#23 AR-1248-3

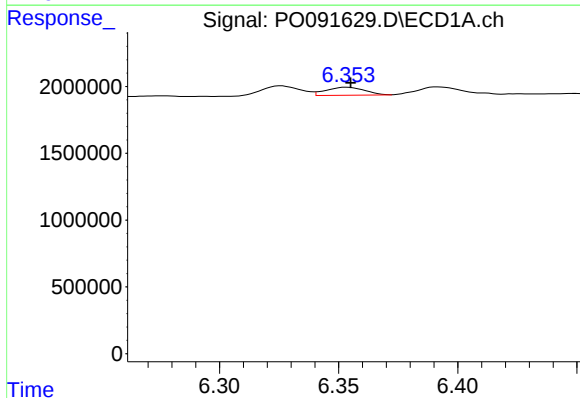
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 2164937  
Conc: 23.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



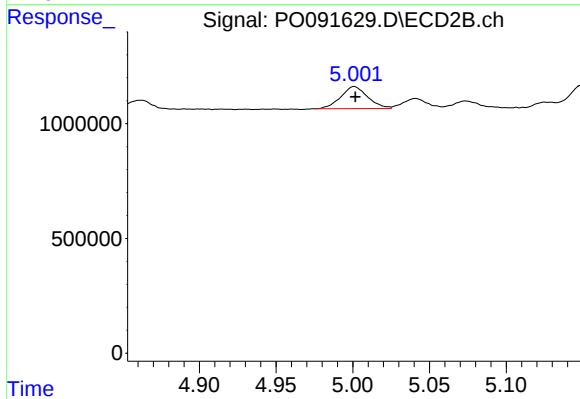
#23 AR-1248-3

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 1178281  
Conc: 35.73 ng/ml



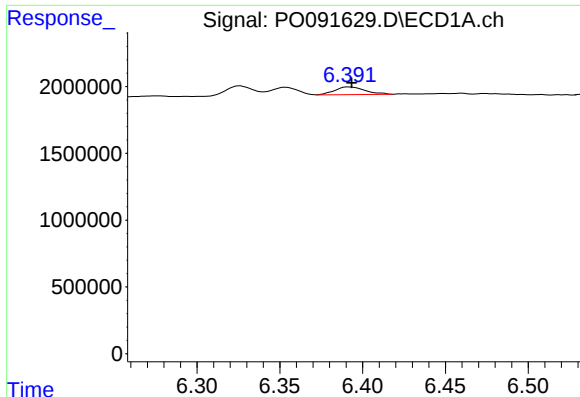
#24 AR-1248-4

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 673873  
Conc: 7.02 ng/ml



#24 AR-1248-4

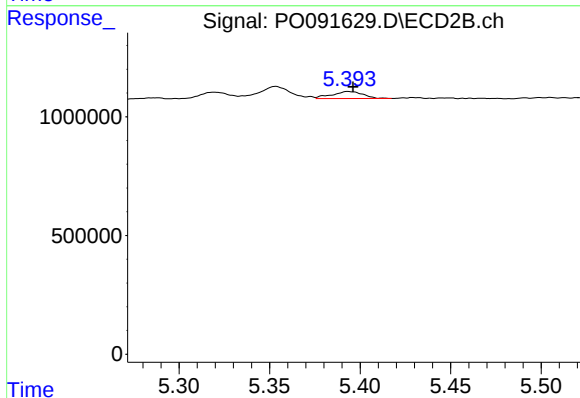
R.T.: 5.001 min  
Delta R.T.: 0.000 min  
Response: 1170059  
Conc: 30.52 ng/ml



#25 AR-1248-5

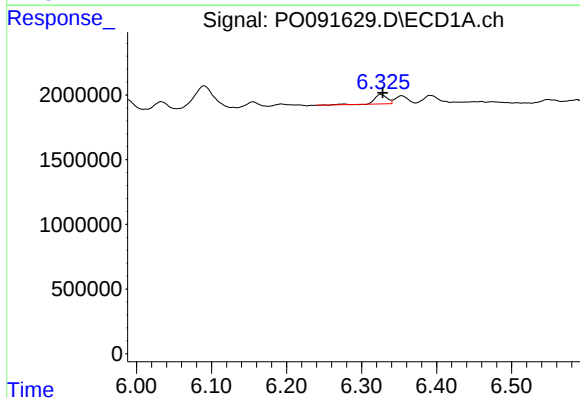
R.T.: 6.392 min  
Delta R.T.: -0.001 min  
Response: 733595  
Conc: 7.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



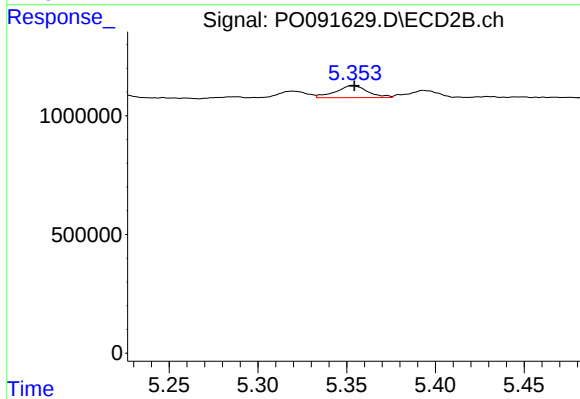
#25 AR-1248-5

R.T.: 5.393 min  
Delta R.T.: -0.003 min  
Response: 357737  
Conc: 10.49 ng/ml



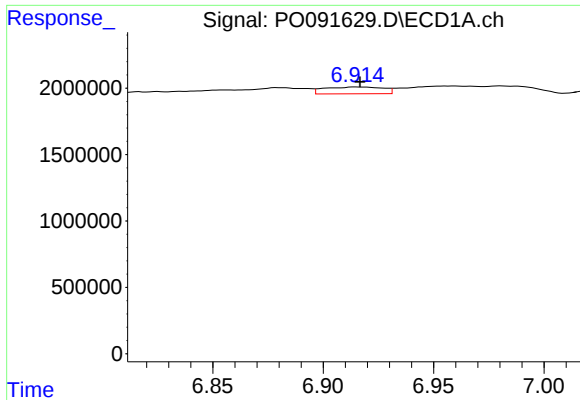
#26 AR-1254-1

R.T.: 6.326 min  
Delta R.T.: -0.002 min  
Response: 844300  
Conc: 8.51 ng/ml



#26 AR-1254-1

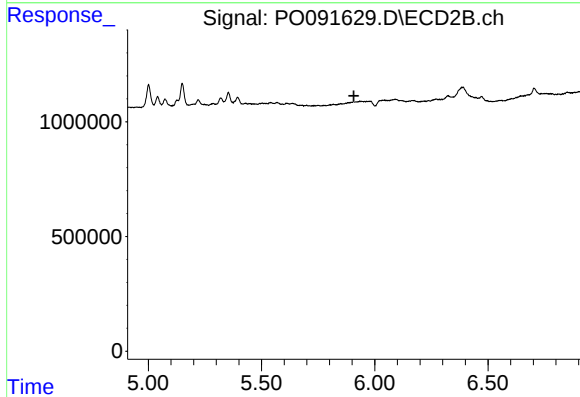
R.T.: 5.353 min  
Delta R.T.: -0.001 min  
Response: 643077  
Conc: 11.72 ng/ml



#28 AR-1254-3

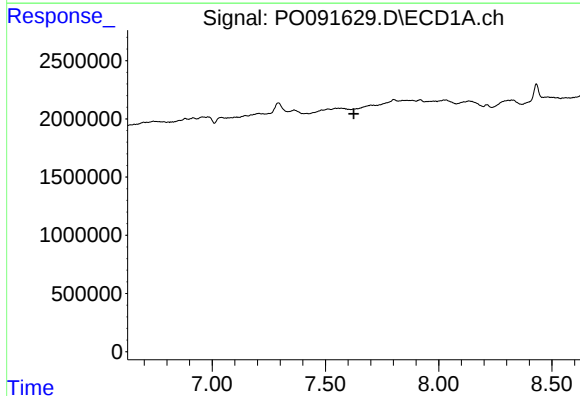
R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 950989  
Conc: 6.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



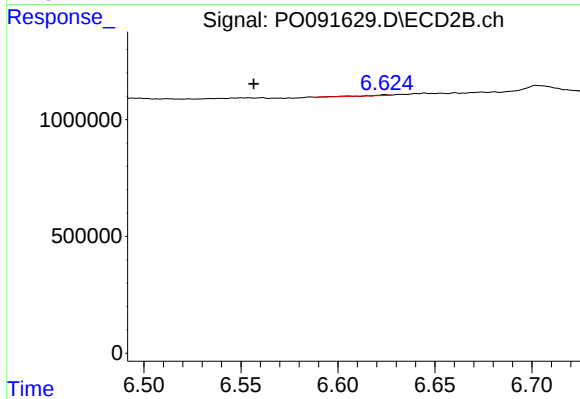
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.907 min  
Response: 0  
Conc: N.D.



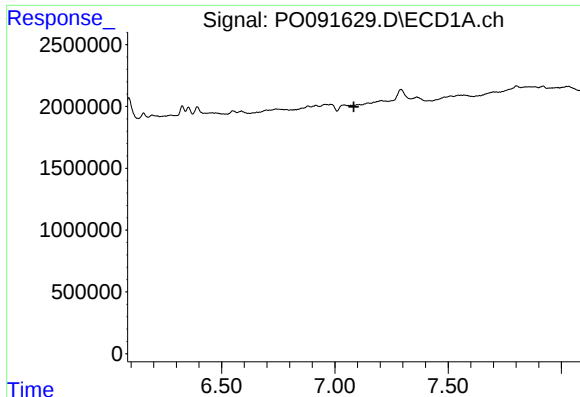
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.625 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

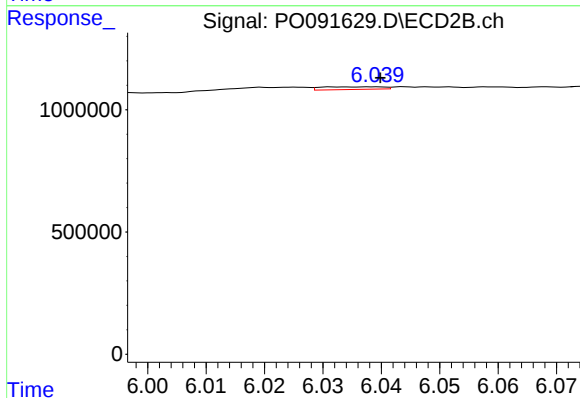
R.T.: 6.624 min  
Delta R.T.: 0.068 min  
Response: 22262  
Conc: 0.32 ng/ml



#31 AR-1260-1

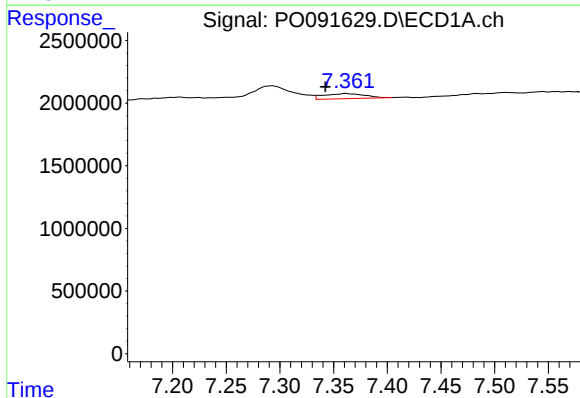
R.T.: 0.000 min  
Exp R.T.: 7.083 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



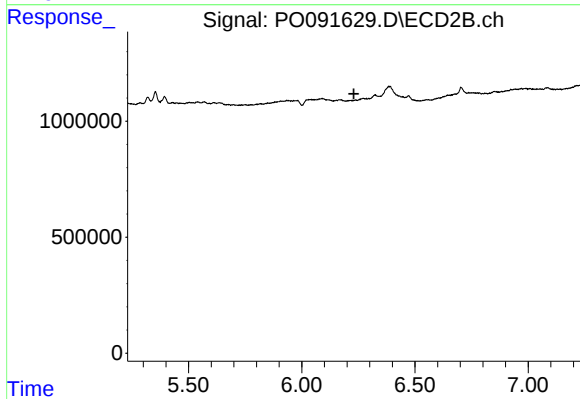
#31 AR-1260-1

R.T.: 6.039 min  
Delta R.T.: -0.001 min  
Response: 79003  
Conc: 1.50 ng/ml



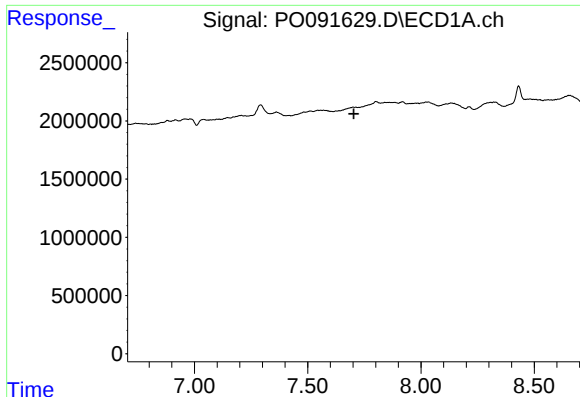
#32 AR-1260-2

R.T.: 7.362 min  
Delta R.T.: 0.019 min  
Response: 1053337  
Conc: 7.69 ng/ml



#32 AR-1260-2

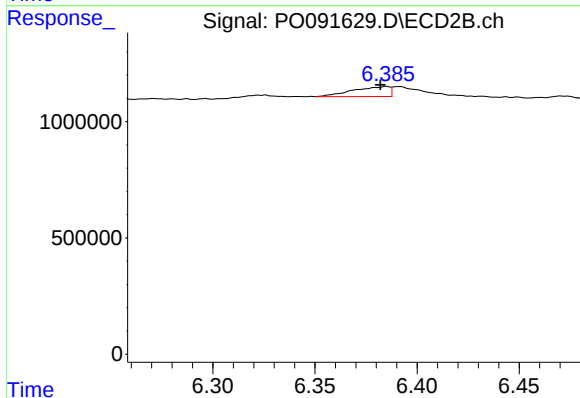
R.T.: 0.000 min  
Exp R.T.: 6.230 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

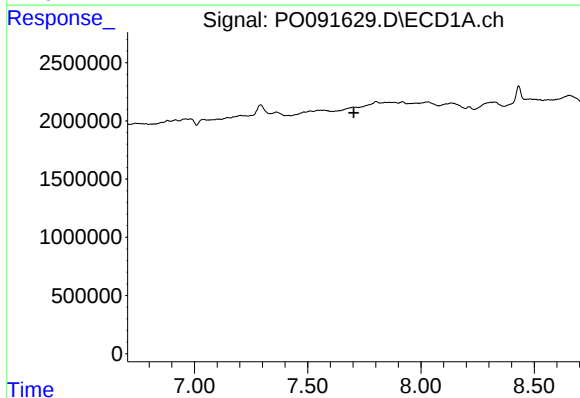
R.T.: 0.000 min  
Exp R.T.: 7.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



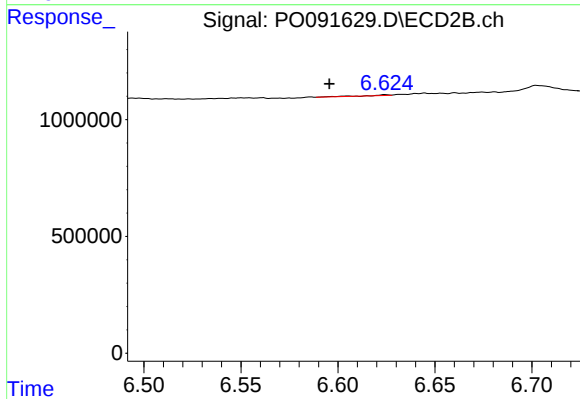
#33 AR-1260-3

R.T.: 6.385 min  
Delta R.T.: 0.003 min  
Response: 535126  
Conc: 8.01 ng/ml



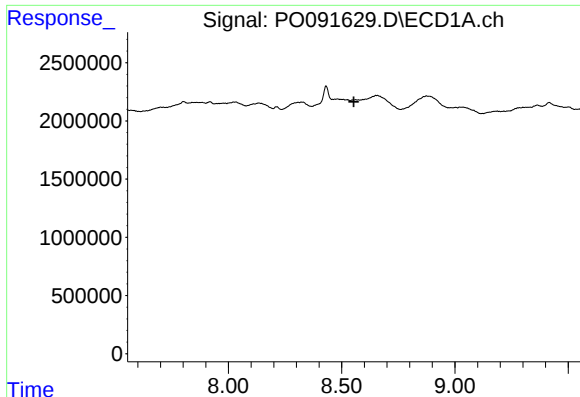
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 7.703 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

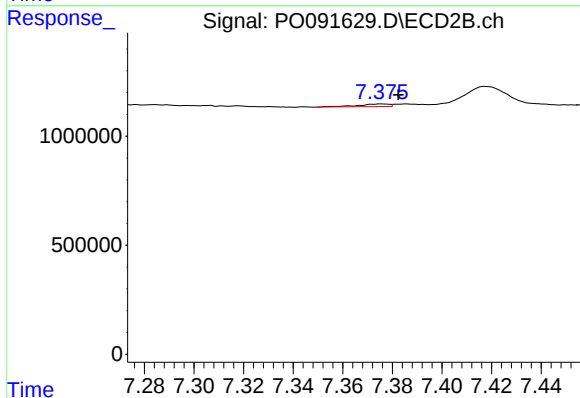
R.T.: 6.624 min  
Delta R.T.: 0.029 min  
Response: 22262  
Conc: 0.31 ng/ml



#38 AR-1262-3

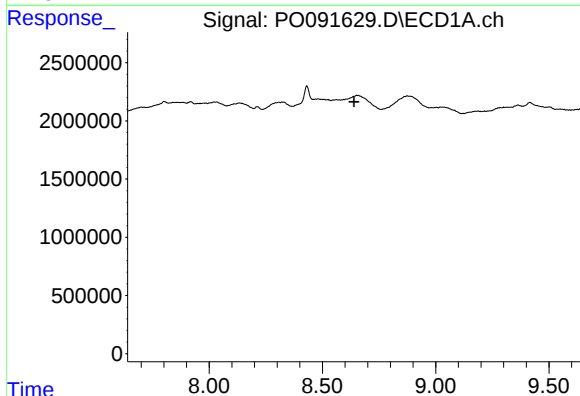
R.T.: 0.000 min  
Exp R.T.: 8.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



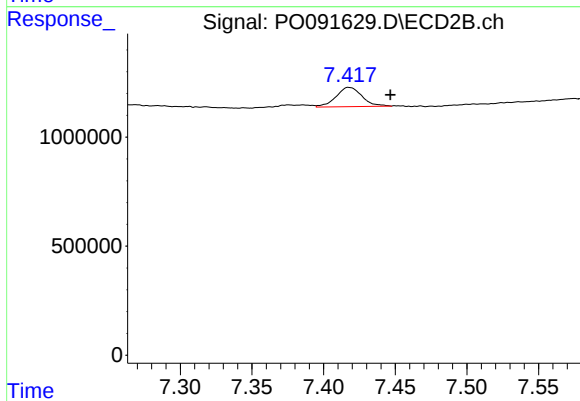
#38 AR-1262-3

R.T.: 7.375 min  
Delta R.T.: -0.007 min  
Response: 109842  
Conc: 2.22 ng/ml



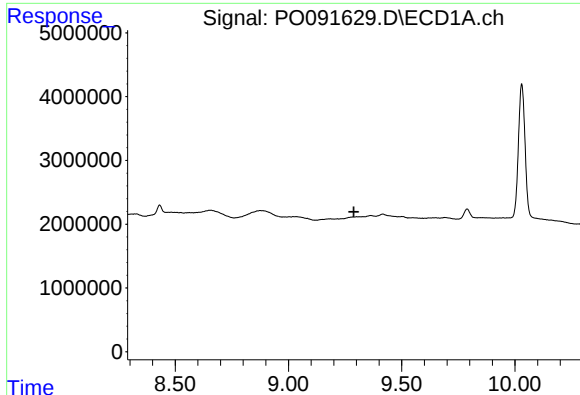
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.640 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

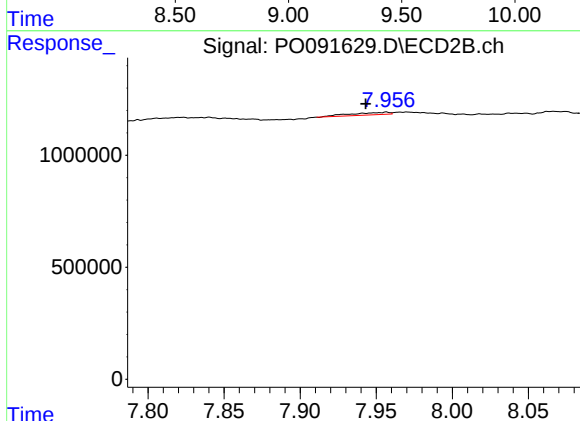
R.T.: 7.417 min  
Delta R.T.: -0.029 min  
Response: 1115329  
Conc: 12.33 ng/ml



#40 AR-1262-5

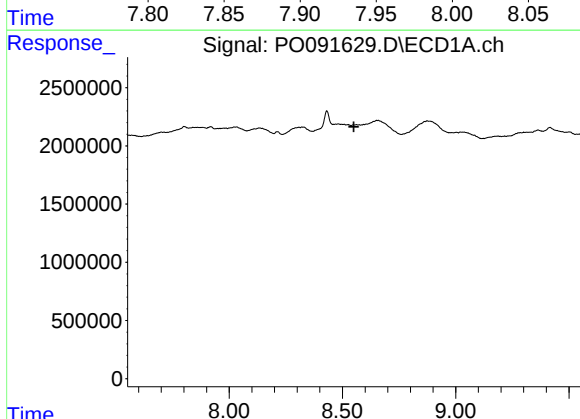
R.T.: 0.000 min  
Exp R.T.: 9.288 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



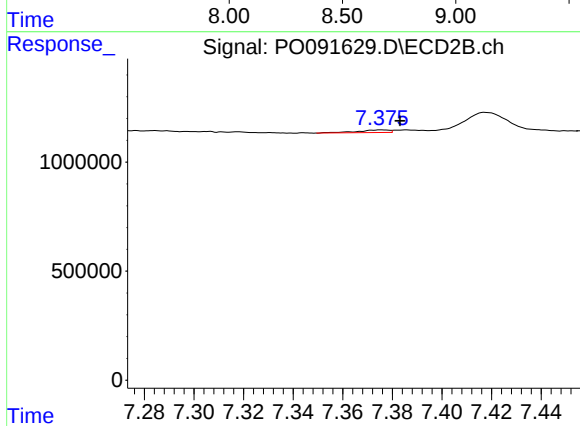
#40 AR-1262-5

R.T.: 7.957 min  
Delta R.T.: 0.014 min  
Response: 190640  
Conc: 4.44 ng/ml



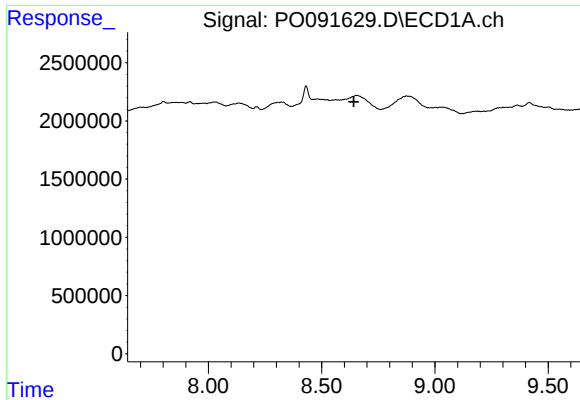
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.550 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

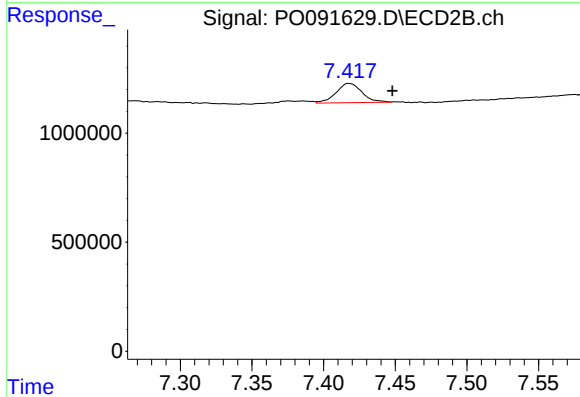
R.T.: 7.375 min  
Delta R.T.: -0.008 min  
Response: 109842  
Conc: 0.78 ng/ml



#42 AR-1268-2

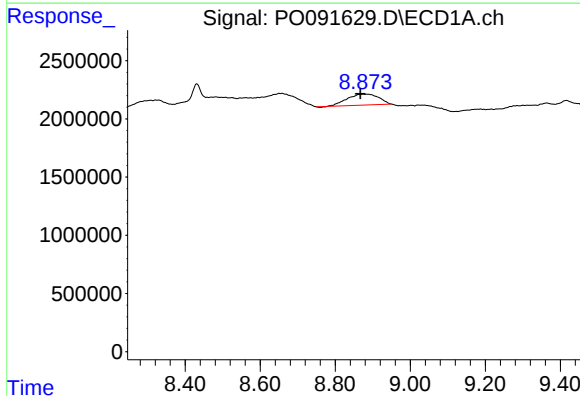
R.T.: 0.000 min  
Exp R.T.: 8.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



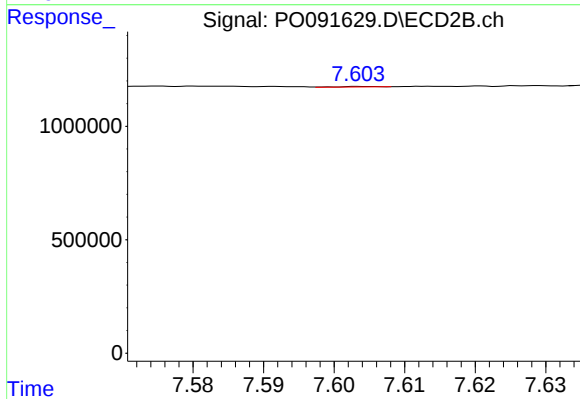
#42 AR-1268-2

R.T.: 7.417 min  
Delta R.T.: -0.031 min  
Response: 1115329  
Conc: 8.82 ng/ml



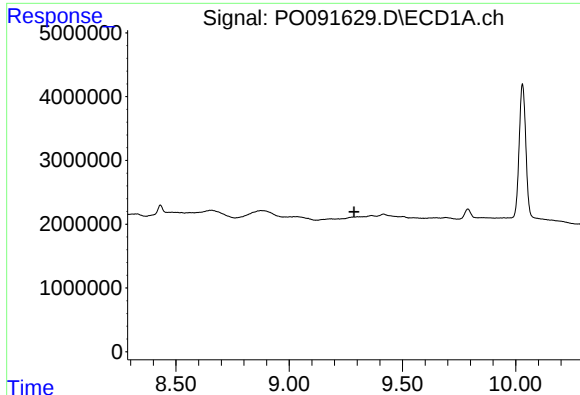
#43 AR-1268-3

R.T.: 8.874 min  
Delta R.T.: 0.008 min  
Response: 5456433  
Conc: 23.83 ng/ml



#43 AR-1268-3

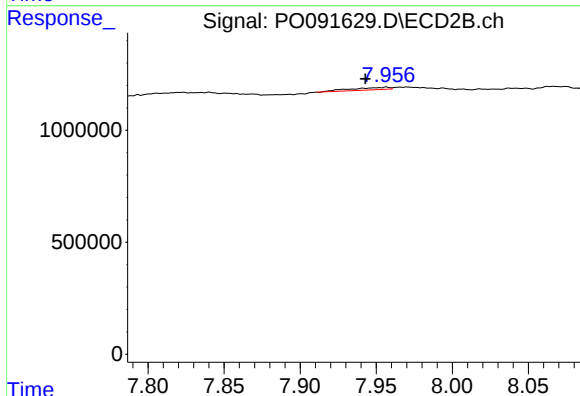
R.T.: 7.604 min  
Delta R.T.: -0.050 min  
Response: 10268  
Conc: 0.09 ng/ml



#44 AR-1268-4

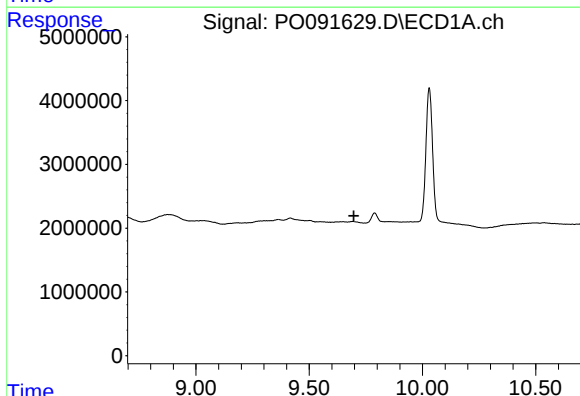
R.T.: 0.000 min  
Exp R.T.: 9.286 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



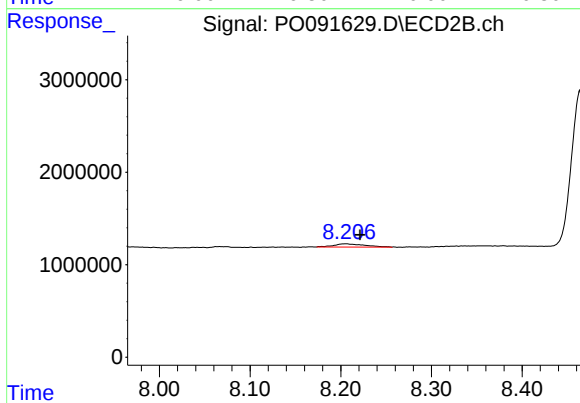
#44 AR-1268-4

R.T.: 7.957 min  
Delta R.T.: 0.014 min  
Response: 190640  
Conc: 4.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.697 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.206 min  
Delta R.T.: -0.015 min  
Response: 804092  
Conc: 2.47 ng/ml