

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120418\  
 Data File : PO052227.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Dec 2018 13:42  
 Operator : SM/SJ  
 Sample : J5764-23RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

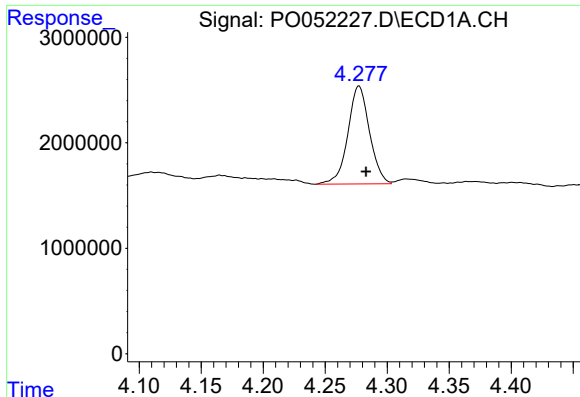
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 04 14:14:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Dec 04 03:10:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.277 | 3.292 | 11262193 | 2595572 | 13.082   | 11.638     |
| 2)                          | SA Decachlor... | 9.857 | 7.992 | 4633236  | 1888116 | 9.258    | 9.057      |
| Target Compounds            |                 |       |       |          |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.470 | 4.313 | 317488   | 513432  | 13.881   | 71.583 #   |
| 4)                          | L1 AR-1016-2    | 5.470 | 4.313 | 317488   | 513432  | 9.122    | 39.186 #   |
| 5)                          | L1 AR-1016-3    | 5.543 | 4.475 | 41612    | 2547207 | 2.003    | 445.660 #  |
| 6)                          | L1 AR-1016-4    | 5.646 | 4.490 | 1846523  | 2267850 | 110.776  | 441.020 #  |
| 7)                          | L1 AR-1016-5    | 5.920 | 4.731 | 10630107 | 188441  | 664.440  | 27.261 #   |
| 12)                         | L3 AR-1232-2    | 5.185 | 4.313 | 10570477 | 513432  | 1428.167 | 91.538 #   |
| 13)                         | L3 AR-1232-3    | 5.470 | 4.475 | 317488   | 2547207 | 20.729   | 1051.039 # |
| 14)                         | L3 AR-1232-4    | 5.646 | 4.562 | 1846523  | 4038932 | 256.457  | 1901.340 # |
| 15)                         | L3 AR-1232-5    | 5.672 | 4.731 | 3329737  | 188441  | 711.494  | 75.176 #   |
| 16)                         | L4 AR-1242-1    | 5.470 | 4.313 | 317488   | 513432  | 17.195   | 92.798 #   |
| 17)                         | L4 AR-1242-2    | 5.470 | 4.313 | 317488   | 513432  | 11.557   | 48.795 #   |
| 18)                         | L4 AR-1242-3    | 5.543 | 4.475 | 41612    | 2547207 | 2.633    | 533.787 #  |
| 19)                         | L4 AR-1242-4    | 5.646 | 4.562 | 1846523  | 4038932 | 136.889  | 883.669 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.044 | 0        | 725418  | N.D.     | 113.619 #  |
| 21)                         | L5 AR-1248-1    | 5.470 | 4.313 | 317488   | 513432  | 23.963   | 114.283 #  |
| 22)                         | L5 AR-1248-2    | 5.672 | 4.490 | 3329737  | 2267850 | 178.241  | 346.503 #  |
| 23)                         | L5 AR-1248-3    | 5.920 | 4.562 | 10630107 | 4038932 | 503.937  | 621.659    |
| 24)                         | L5 AR-1248-4    | 6.282 | 4.731 | 1884536  | 188441  | 82.083   | 22.834 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.044 | 0        | 725418  | N.D.     | 89.363 #   |
| 26)                         | L6 AR-1254-1    | 6.282 | 5.044 | 1884536  | 725418  | 72.935   | 51.980 #   |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.249 | 0        | 1490536 | N.D.     | 118.497 #  |
| 28)                         | L6 AR-1254-3    | 6.875 | 5.561 | 1751023  | 1054148 | 41.719   | 53.762 #   |
| 29)                         | L6 AR-1254-4    | 7.146 | 5.721 | 312865   | 196842  | 10.926   | 17.387 #   |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.181 | 0        | 289276  | N.D.     | 17.164 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.685 | 0        | 985887  | N.D.     | 70.512 #   |
| 32)                         | L7 AR-1260-2    | 7.276 | 5.870 | 733775   | 526509  | 20.830   | 31.536 #   |
| 33)                         | L7 AR-1260-3    | 7.691 | 5.970 | 414719   | -224001 | 17.146   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.703 | 0        | 177367  | N.D.     | 7.335 #    |
| 36)                         | L8 AR-1262-1    | 7.691 | 6.181 | 414719   | 289276  | 10.185   | 15.803 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.703 | 0        | 177367  | N.D.     | 6.133 #    |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.036 | 0        | 272906  | N.D.     | 23.203 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.036 | 0        | 272906  | N.D.     | 13.040 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.036 | 0        | 272906  | N.D.     | 6.906 #    |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.036 | 0        | 272906  | N.D.     | 7.278 #    |
| -----                       |                 |       |       |          |         |          |            |

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

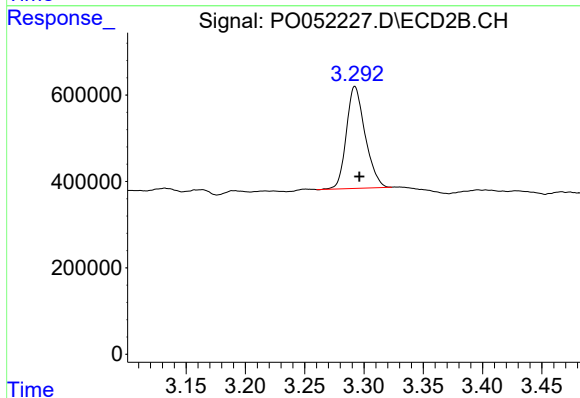




#1 Tetrachloro-m-xylene

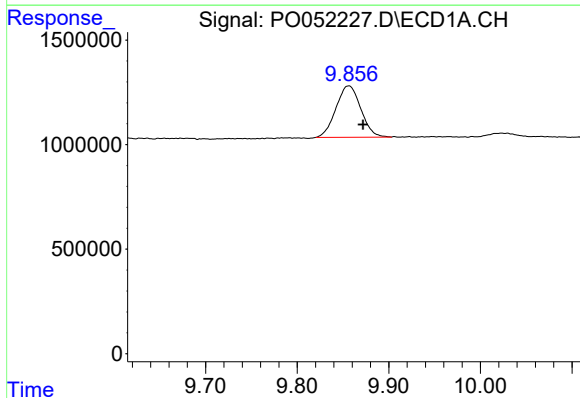
R.T.: 4.277 min  
Delta R.T.: -0.006 min  
Response: 11262193  
Conc: 13.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



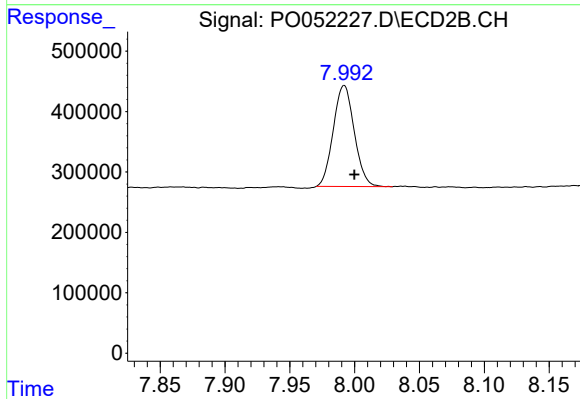
#1 Tetrachloro-m-xylene

R.T.: 3.292 min  
Delta R.T.: -0.004 min  
Response: 2595572  
Conc: 11.64 ng/ml



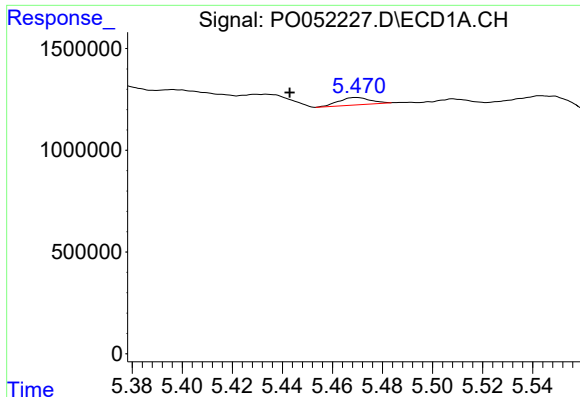
#2 Decachlorobiphenyl

R.T.: 9.857 min  
Delta R.T.: -0.015 min  
Response: 4633236  
Conc: 9.26 ng/ml



#2 Decachlorobiphenyl

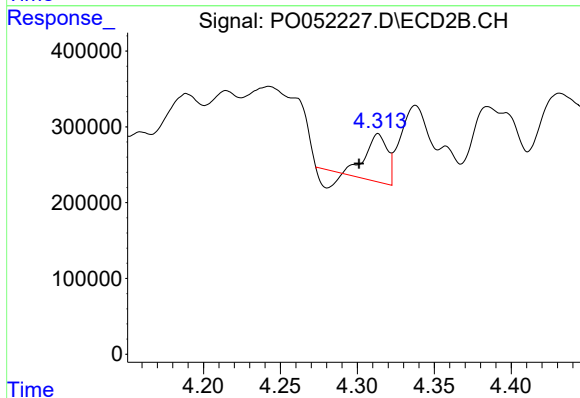
R.T.: 7.992 min  
Delta R.T.: -0.008 min  
Response: 1888116  
Conc: 9.06 ng/ml



#3 AR-1016-1

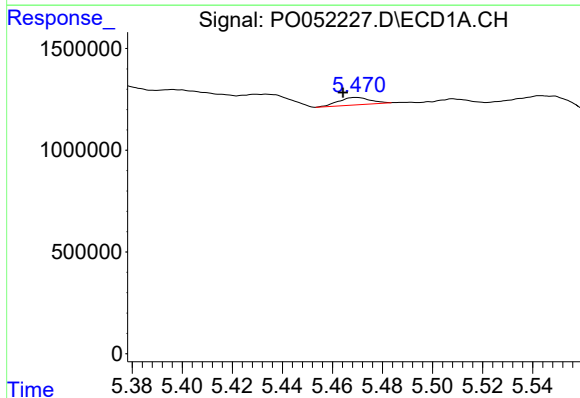
R.T.: 5.470 min  
Delta R.T.: 0.027 min  
Response: 317488  
Conc: 13.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



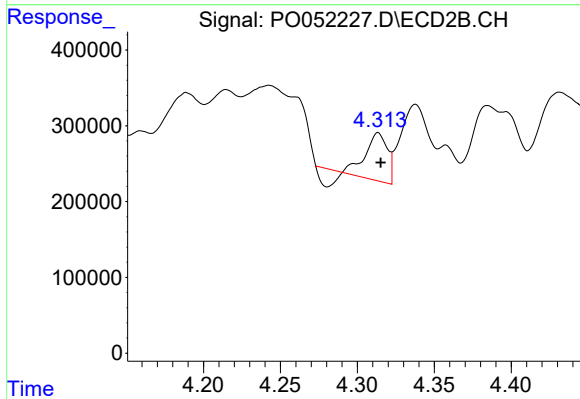
#3 AR-1016-1

R.T.: 4.313 min  
Delta R.T.: 0.012 min  
Response: 513432  
Conc: 71.58 ng/ml



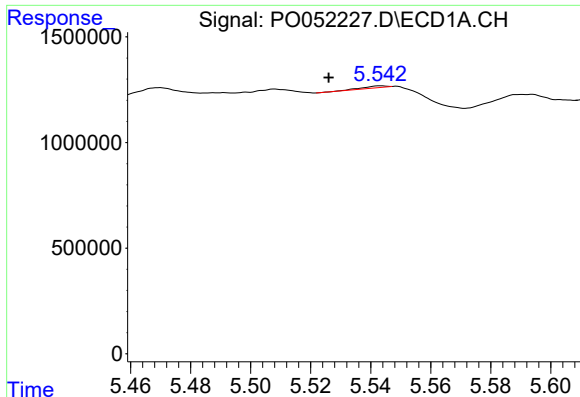
#4 AR-1016-2

R.T.: 5.470 min  
Delta R.T.: 0.005 min  
Response: 317488  
Conc: 9.12 ng/ml



#4 AR-1016-2

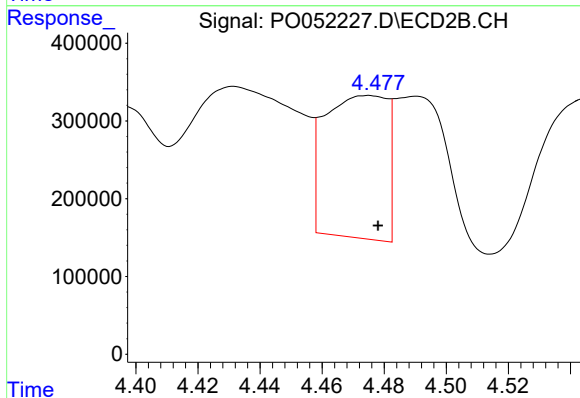
R.T.: 4.313 min  
Delta R.T.: -0.002 min  
Response: 513432  
Conc: 39.19 ng/ml



#5 AR-1016-3

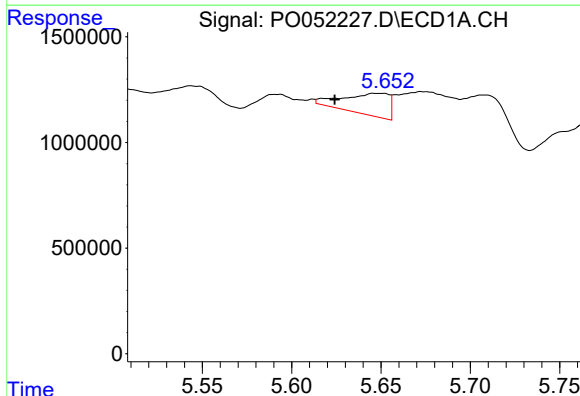
R.T.: 5.543 min  
Delta R.T.: 0.017 min  
Response: 41612  
Conc: 2.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



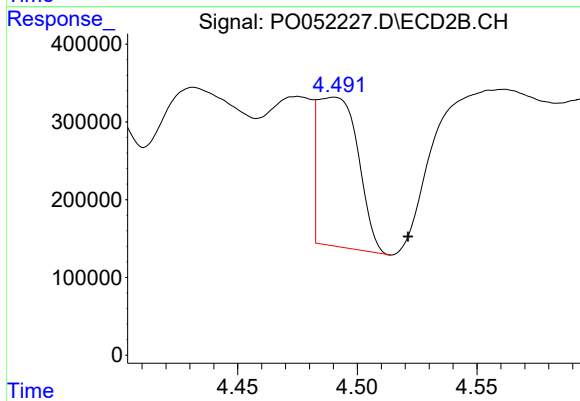
#5 AR-1016-3

R.T.: 4.475 min  
Delta R.T.: -0.003 min  
Response: 2547207  
Conc: 445.66 ng/ml



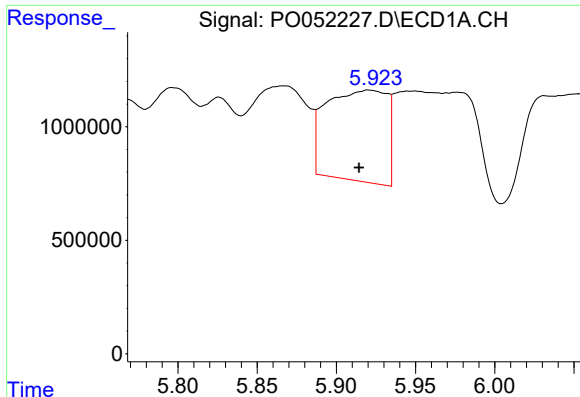
#6 AR-1016-4

R.T.: 5.646 min  
Delta R.T.: 0.021 min  
Response: 1846523  
Conc: 110.78 ng/ml



#6 AR-1016-4

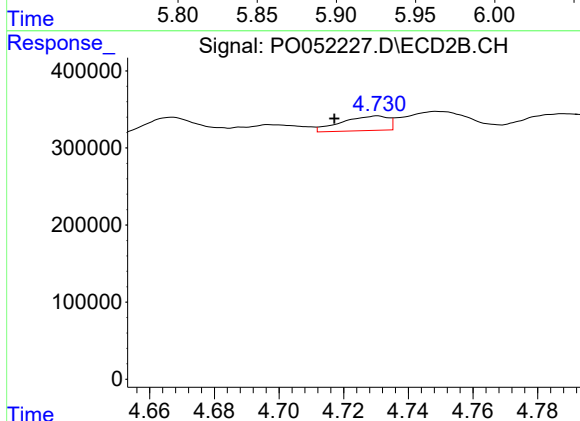
R.T.: 4.490 min  
Delta R.T.: -0.031 min  
Response: 2267850  
Conc: 441.02 ng/ml



#7 AR-1016-5

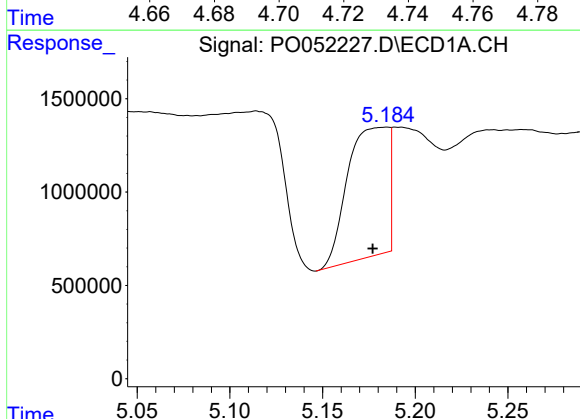
R.T.: 5.920 min  
Delta R.T.: 0.005 min  
Response: 10630107  
Conc: 664.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



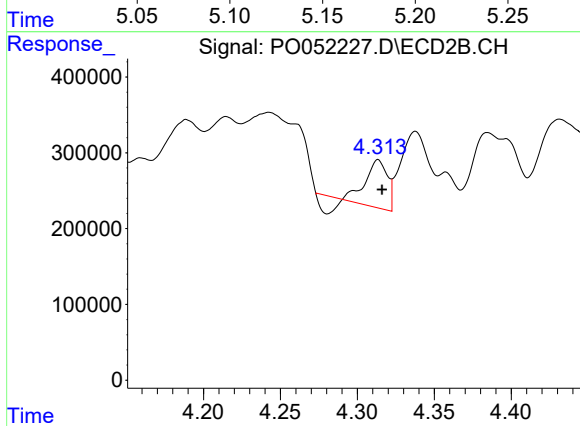
#7 AR-1016-5

R.T.: 4.731 min  
Delta R.T.: 0.013 min  
Response: 188441  
Conc: 27.26 ng/ml



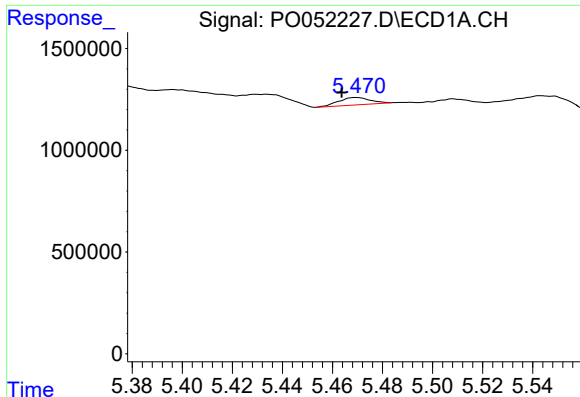
#12 AR-1232-2

R.T.: 5.185 min  
Delta R.T.: 0.008 min  
Response: 10570477  
Conc: 1428.17 ng/ml



#12 AR-1232-2

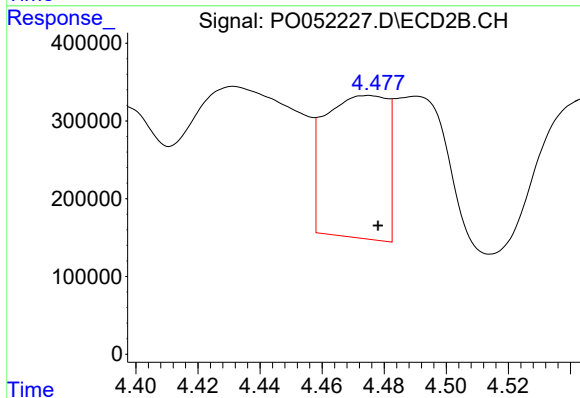
R.T.: 4.313 min  
Delta R.T.: -0.003 min  
Response: 513432  
Conc: 91.54 ng/ml



#13 AR-1232-3

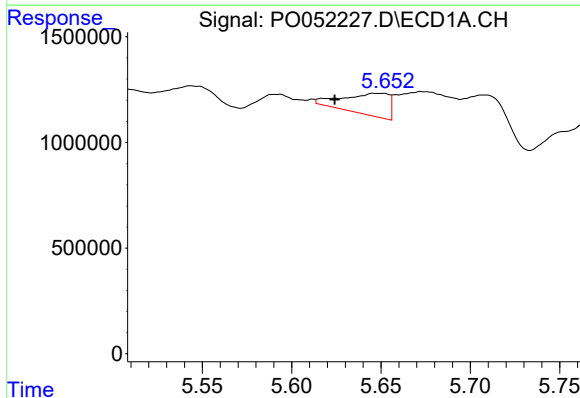
R.T.: 5.470 min  
Delta R.T.: 0.006 min  
Response: 317488  
Conc: 20.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



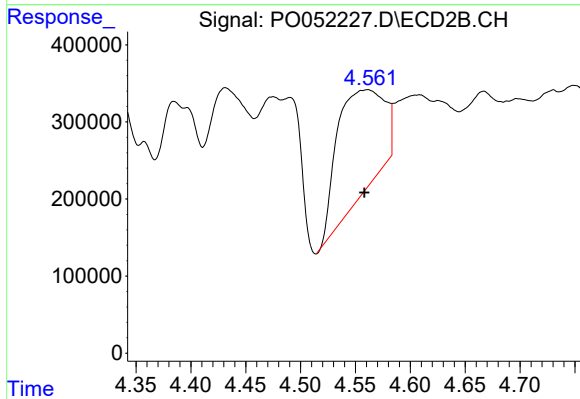
#13 AR-1232-3

R.T.: 4.475 min  
Delta R.T.: -0.003 min  
Response: 2547207  
Conc: 1051.04 ng/ml



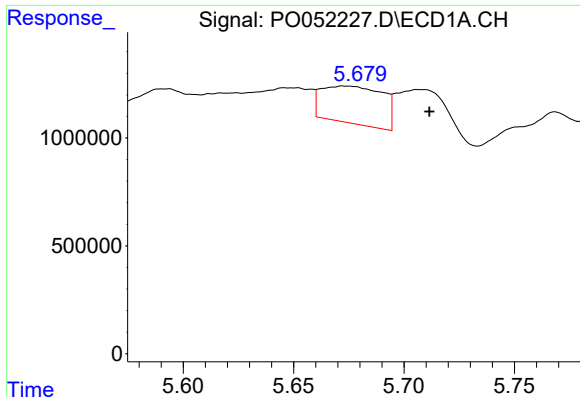
#14 AR-1232-4

R.T.: 5.646 min  
Delta R.T.: 0.021 min  
Response: 1846523  
Conc: 256.46 ng/ml



#14 AR-1232-4

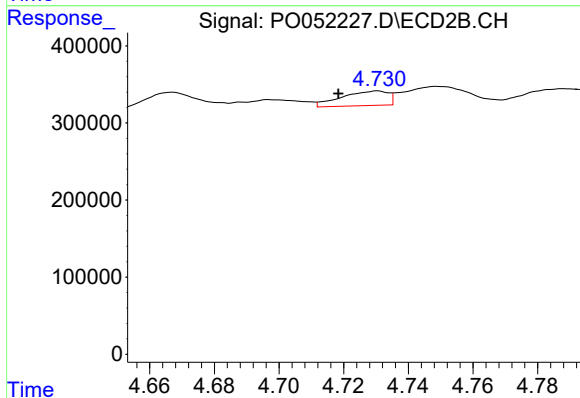
R.T.: 4.562 min  
Delta R.T.: 0.003 min  
Response: 4038932  
Conc: 1901.34 ng/ml



#15 AR-1232-5

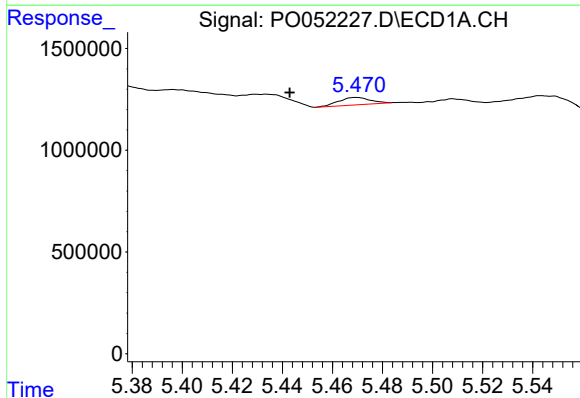
R.T.: 5.672 min  
Delta R.T.: -0.039 min  
Response: 3329737  
Conc: 711.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



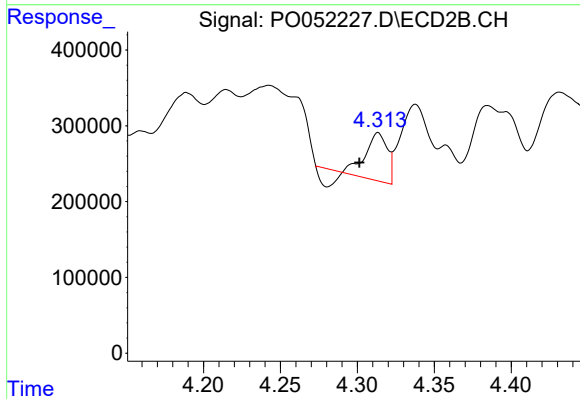
#15 AR-1232-5

R.T.: 4.731 min  
Delta R.T.: 0.012 min  
Response: 188441  
Conc: 75.18 ng/ml



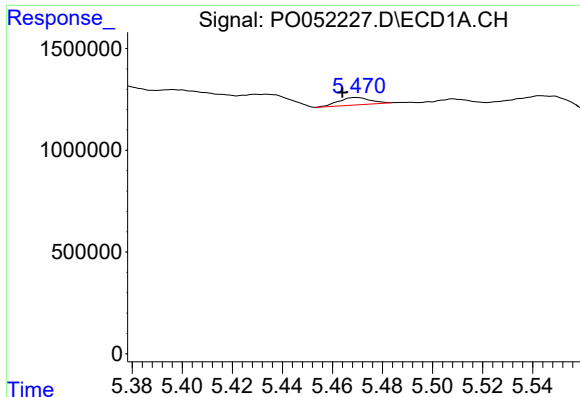
#16 AR-1242-1

R.T.: 5.470 min  
Delta R.T.: 0.027 min  
Response: 317488  
Conc: 17.19 ng/ml



#16 AR-1242-1

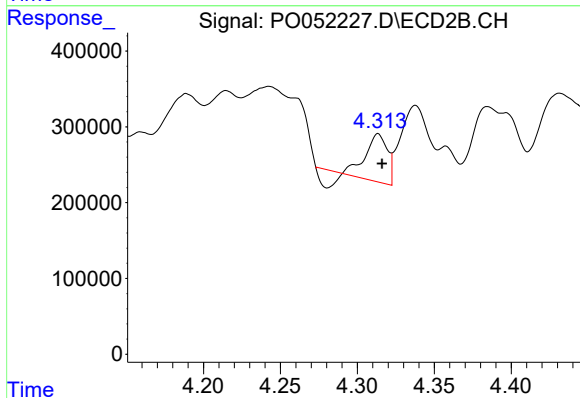
R.T.: 4.313 min  
Delta R.T.: 0.012 min  
Response: 513432  
Conc: 92.80 ng/ml



#17 AR-1242-2

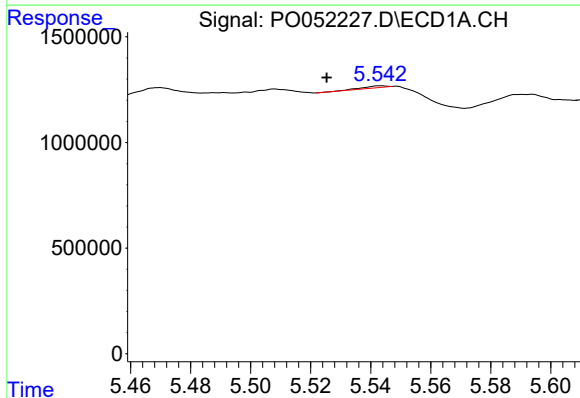
R.T.: 5.470 min  
Delta R.T.: 0.006 min  
Response: 317488  
Conc: 11.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



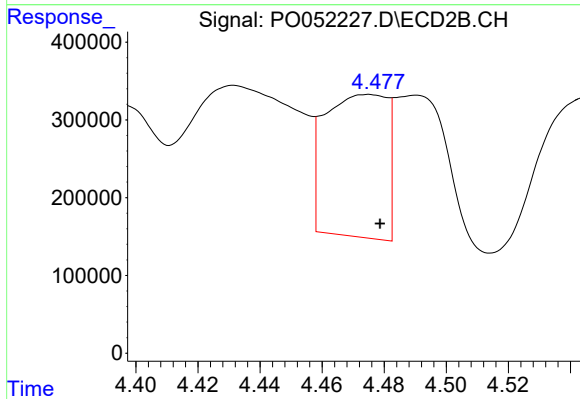
#17 AR-1242-2

R.T.: 4.313 min  
Delta R.T.: -0.003 min  
Response: 513432  
Conc: 48.80 ng/ml



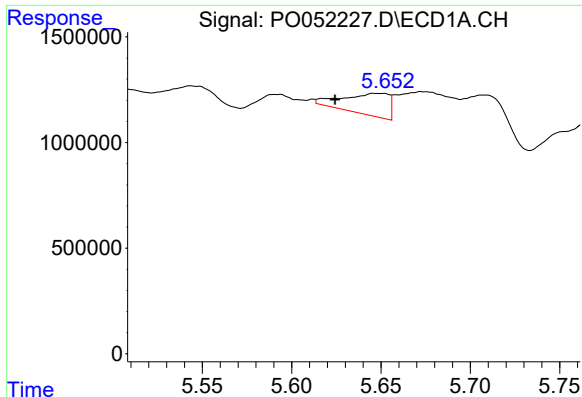
#18 AR-1242-3

R.T.: 5.543 min  
Delta R.T.: 0.018 min  
Response: 41612  
Conc: 2.63 ng/ml



#18 AR-1242-3

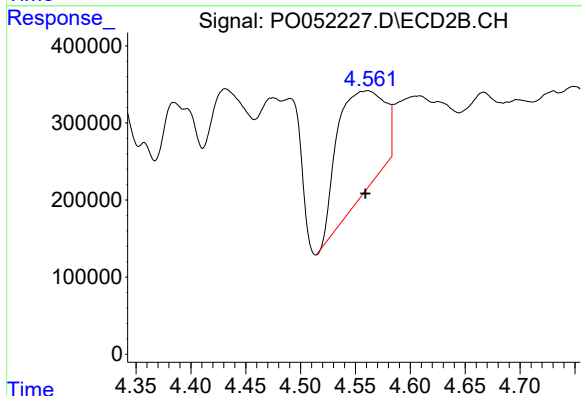
R.T.: 4.475 min  
Delta R.T.: -0.003 min  
Response: 2547207  
Conc: 533.79 ng/ml



#19 AR-1242-4

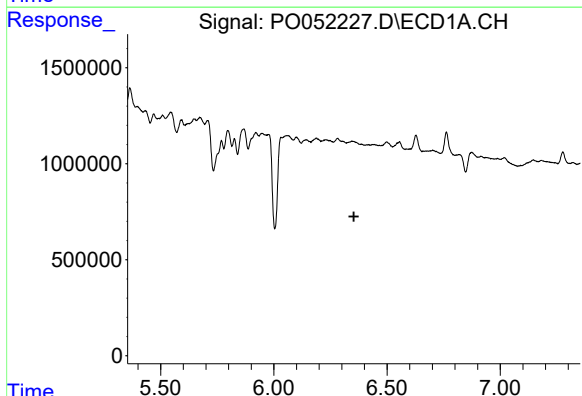
R.T.: 5.646 min  
Delta R.T.: 0.021 min  
Response: 1846523  
Conc: 136.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



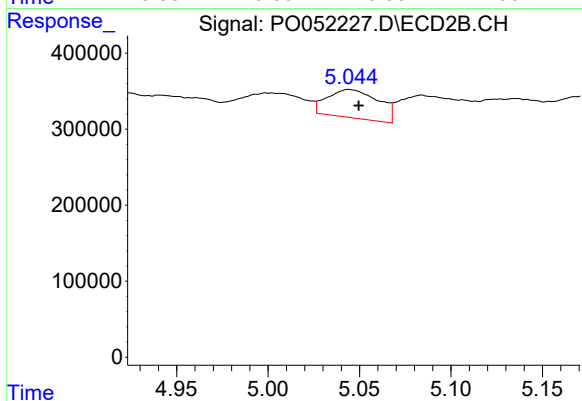
#19 AR-1242-4

R.T.: 4.562 min  
Delta R.T.: 0.002 min  
Response: 4038932  
Conc: 883.67 ng/ml



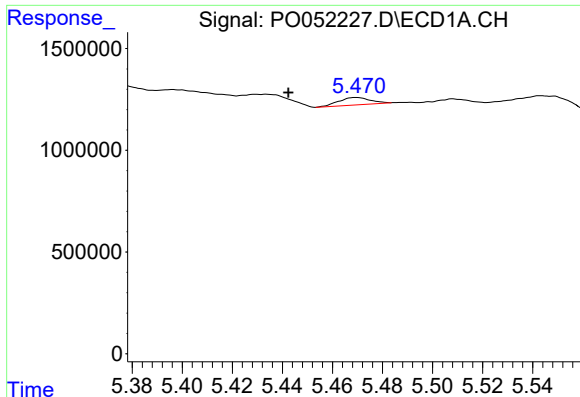
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.353 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

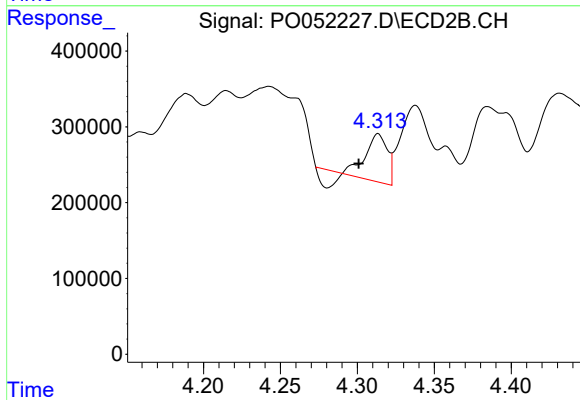
R.T.: 5.044 min  
Delta R.T.: -0.006 min  
Response: 725418  
Conc: 113.62 ng/ml



#21 AR-1248-1

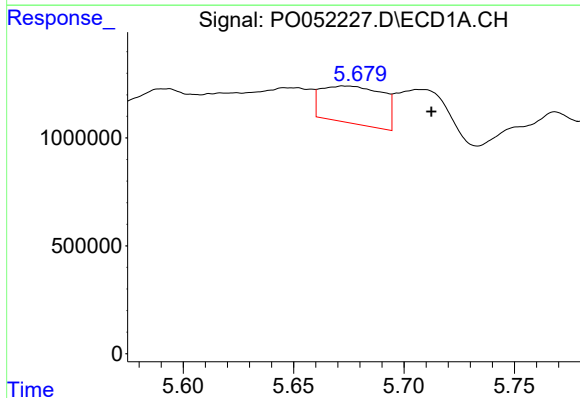
R.T.: 5.470 min  
Delta R.T.: 0.027 min  
Response: 317488  
Conc: 23.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



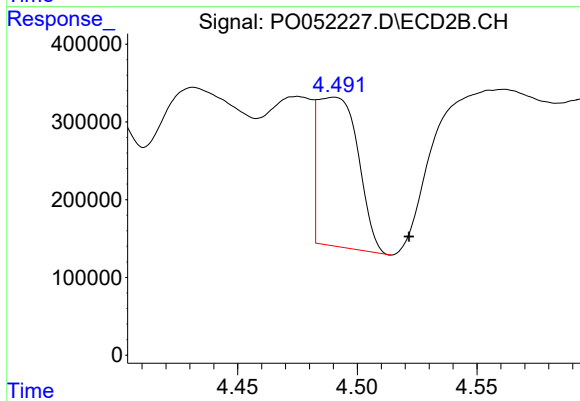
#21 AR-1248-1

R.T.: 4.313 min  
Delta R.T.: 0.013 min  
Response: 513432  
Conc: 114.28 ng/ml



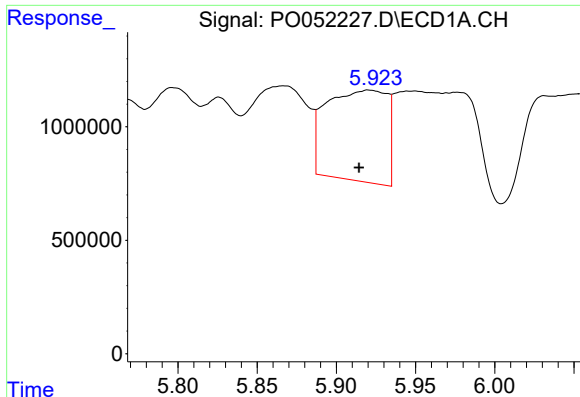
#22 AR-1248-2

R.T.: 5.672 min  
Delta R.T.: -0.040 min  
Response: 3329737  
Conc: 178.24 ng/ml



#22 AR-1248-2

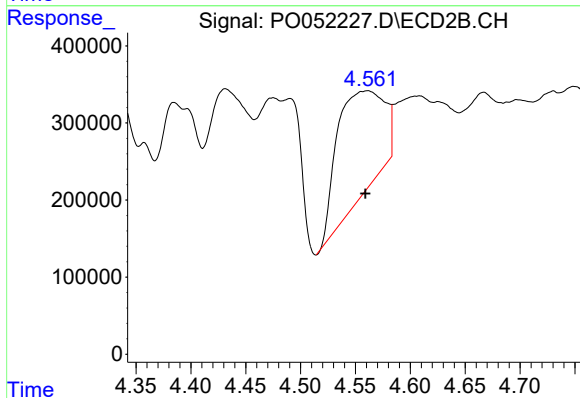
R.T.: 4.490 min  
Delta R.T.: -0.031 min  
Response: 2267850  
Conc: 346.50 ng/ml



#23 AR-1248-3

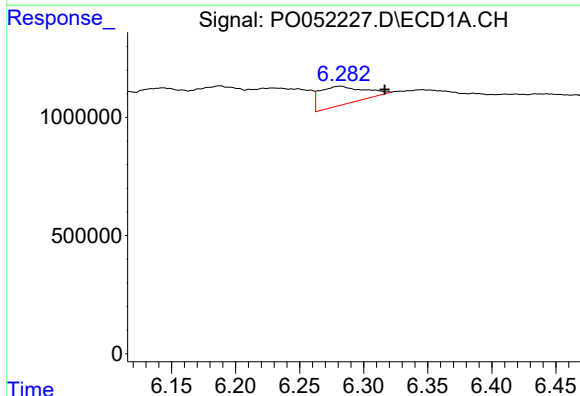
R.T.: 5.920 min  
Delta R.T.: 0.005 min  
Response: 10630107  
Conc: 503.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



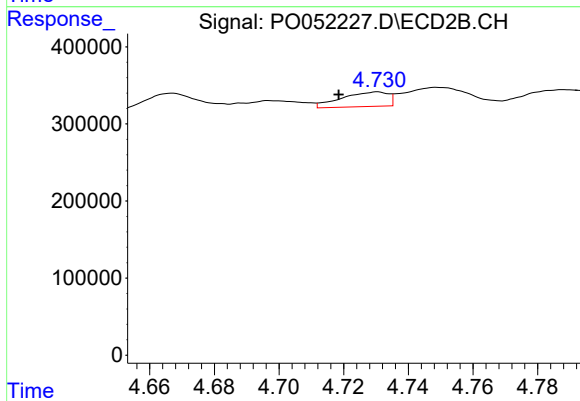
#23 AR-1248-3

R.T.: 4.562 min  
Delta R.T.: 0.003 min  
Response: 4038932  
Conc: 621.66 ng/ml



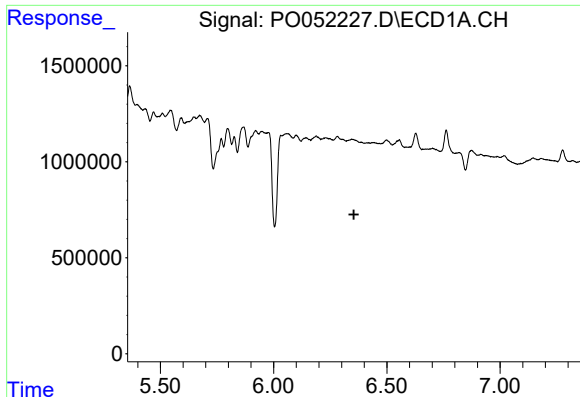
#24 AR-1248-4

R.T.: 6.282 min  
Delta R.T.: -0.034 min  
Response: 1884536  
Conc: 82.08 ng/ml



#24 AR-1248-4

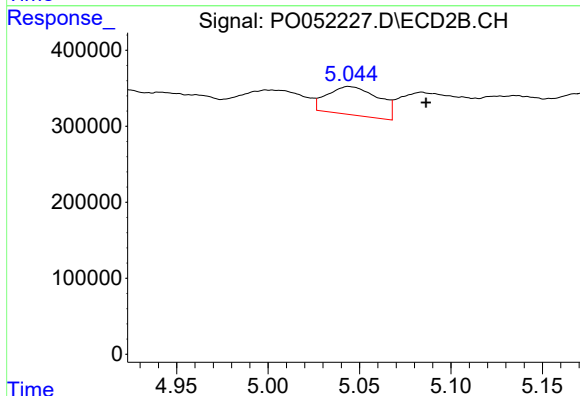
R.T.: 4.731 min  
Delta R.T.: 0.012 min  
Response: 188441  
Conc: 22.83 ng/ml



#25 AR-1248-5

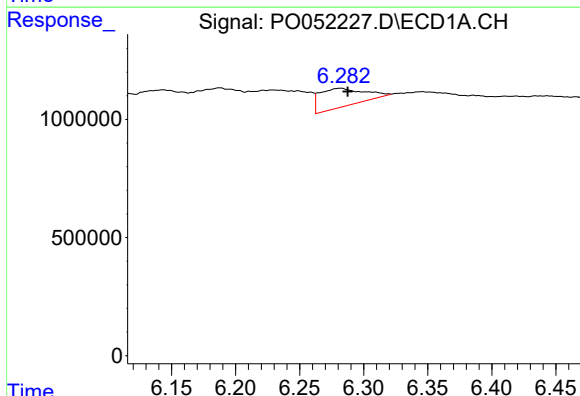
R.T.: 0.000 min  
Exp R.T.: 6.354 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



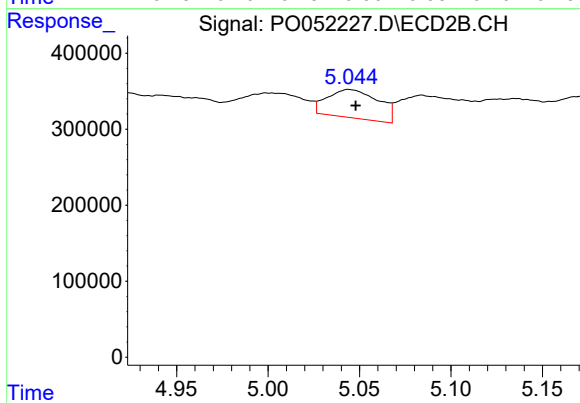
#25 AR-1248-5

R.T.: 5.044 min  
Delta R.T.: -0.042 min  
Response: 725418  
Conc: 89.36 ng/ml



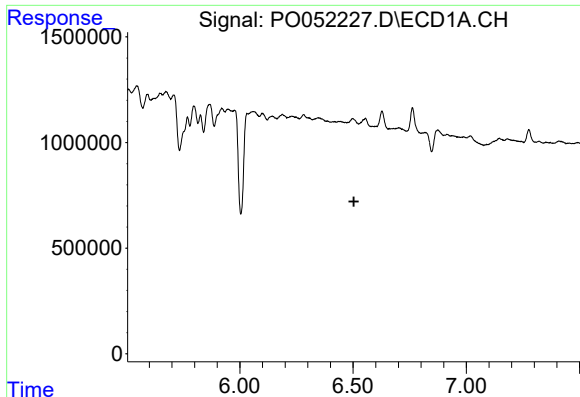
#26 AR-1254-1

R.T.: 6.282 min  
Delta R.T.: -0.005 min  
Response: 1884536  
Conc: 72.93 ng/ml



#26 AR-1254-1

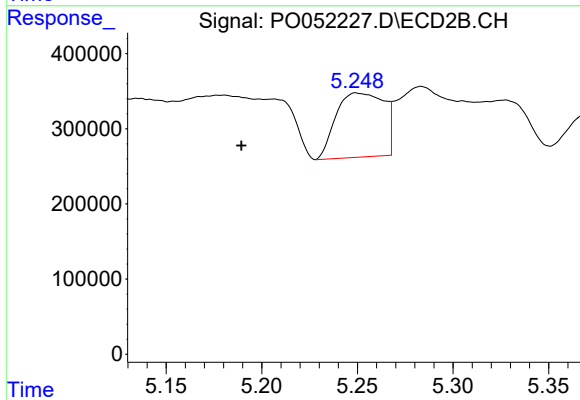
R.T.: 5.044 min  
Delta R.T.: -0.004 min  
Response: 725418  
Conc: 51.98 ng/ml



#27 AR-1254-2

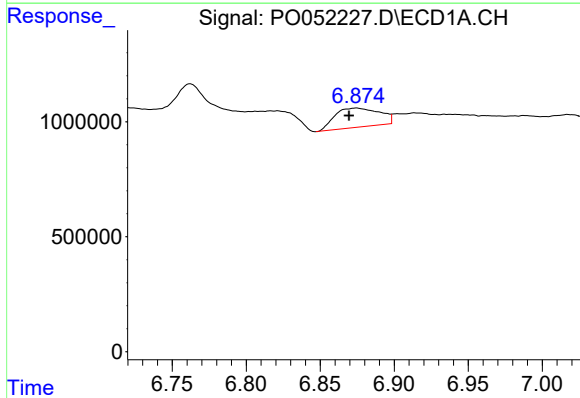
R.T.: 0.000 min  
Exp R.T.: 6.503 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



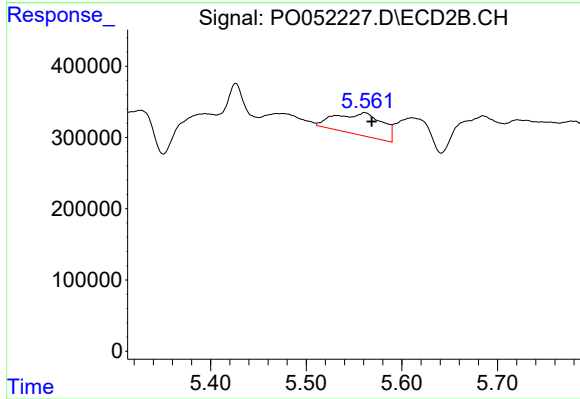
#27 AR-1254-2

R.T.: 5.249 min  
Delta R.T.: 0.060 min  
Response: 1490536  
Conc: 118.50 ng/ml



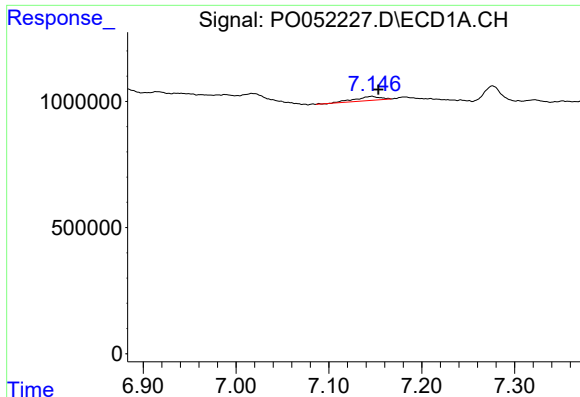
#28 AR-1254-3

R.T.: 6.875 min  
Delta R.T.: 0.005 min  
Response: 1751023  
Conc: 41.72 ng/ml



#28 AR-1254-3

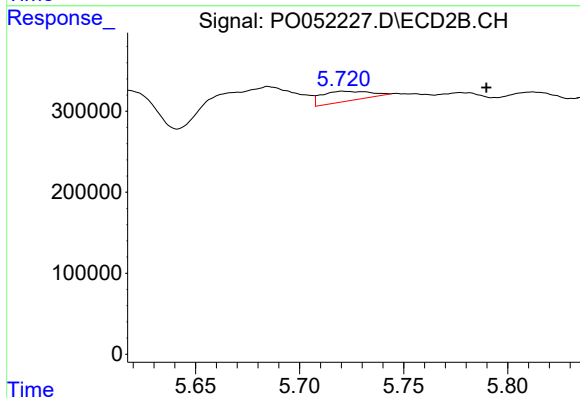
R.T.: 5.561 min  
Delta R.T.: -0.008 min  
Response: 1054148  
Conc: 53.76 ng/ml



#29 AR-1254-4

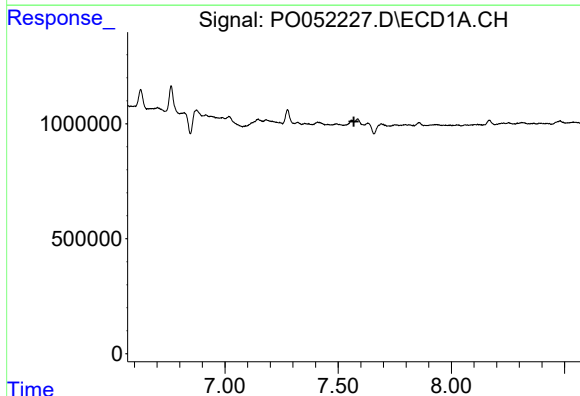
R.T.: 7.146 min  
Delta R.T.: -0.007 min  
Response: 312865  
Conc: 10.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



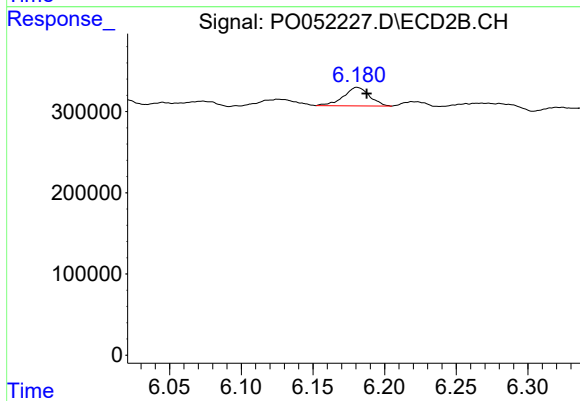
#29 AR-1254-4

R.T.: 5.721 min  
Delta R.T.: -0.069 min  
Response: 196842  
Conc: 17.39 ng/ml



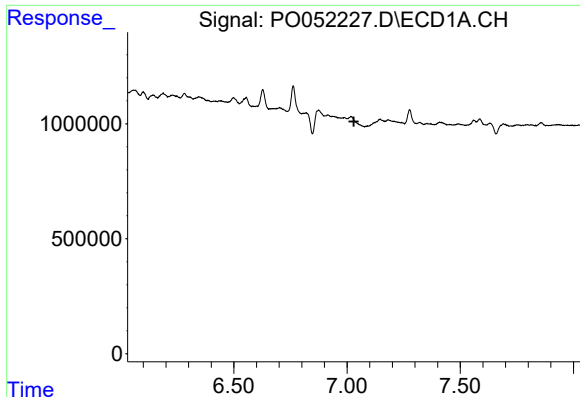
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.569 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

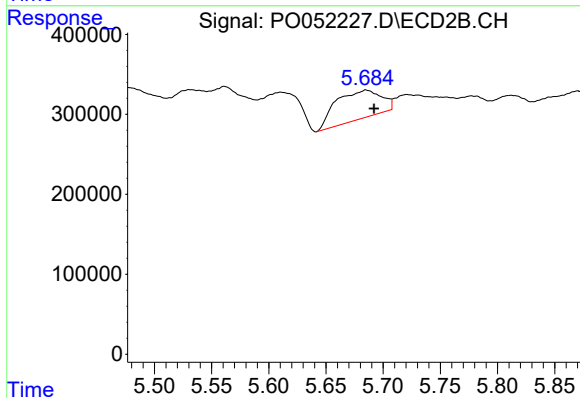
R.T.: 6.181 min  
Delta R.T.: -0.007 min  
Response: 289276  
Conc: 17.16 ng/ml



#31 AR-1260-1

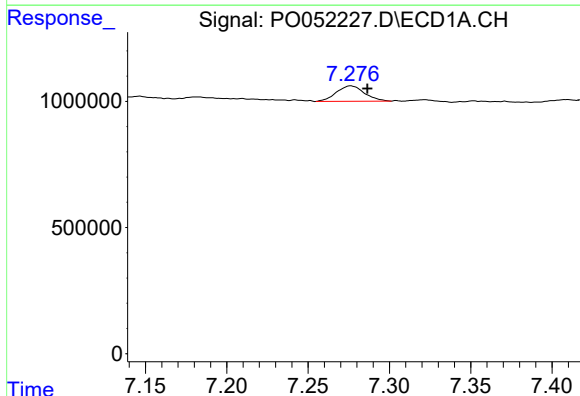
R.T.: 0.000 min  
Exp R.T.: 7.030 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



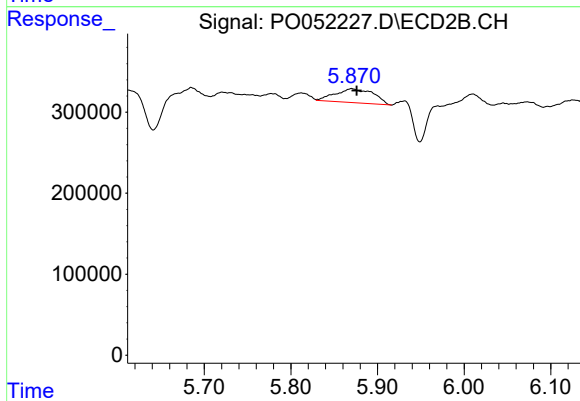
#31 AR-1260-1

R.T.: 5.685 min  
Delta R.T.: -0.007 min  
Response: 985887  
Conc: 70.51 ng/ml



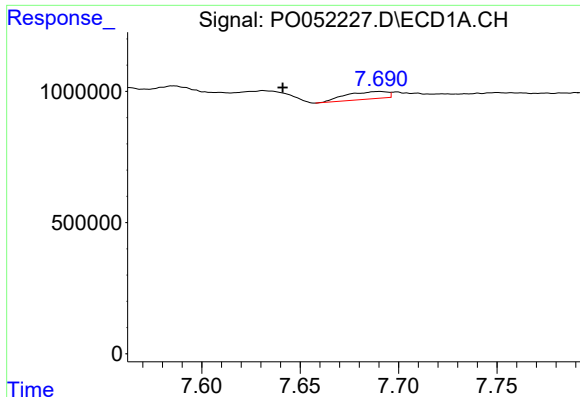
#32 AR-1260-2

R.T.: 7.276 min  
Delta R.T.: -0.010 min  
Response: 733775  
Conc: 20.83 ng/ml



#32 AR-1260-2

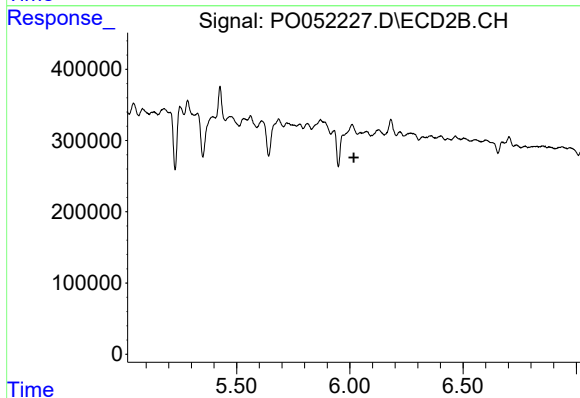
R.T.: 5.870 min  
Delta R.T.: -0.006 min  
Response: 526509  
Conc: 31.54 ng/ml



#33 AR-1260-3

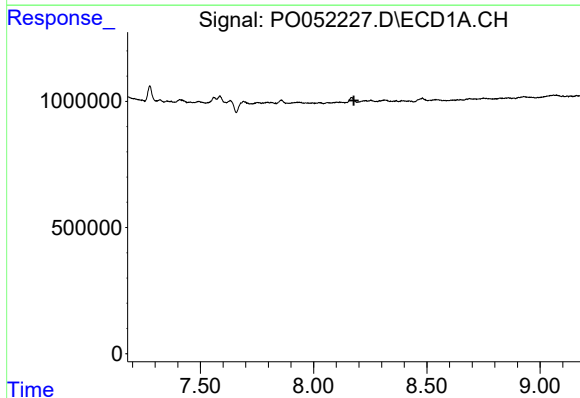
R.T.: 7.691 min  
Delta R.T.: 0.049 min  
Response: 414719  
Conc: 17.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



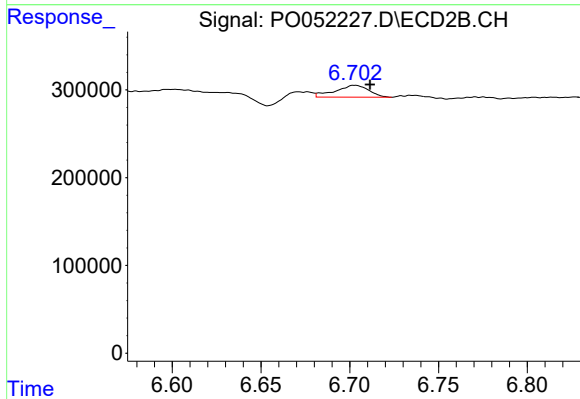
#33 AR-1260-3

R.T.: 5.970 min  
Delta R.T.: -0.048 min  
Response: -224001  
Conc: N.D.



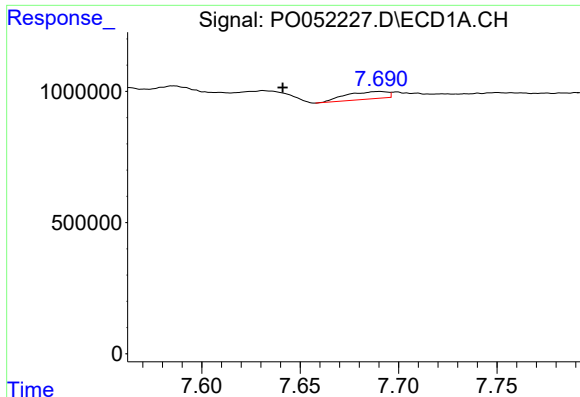
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.178 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

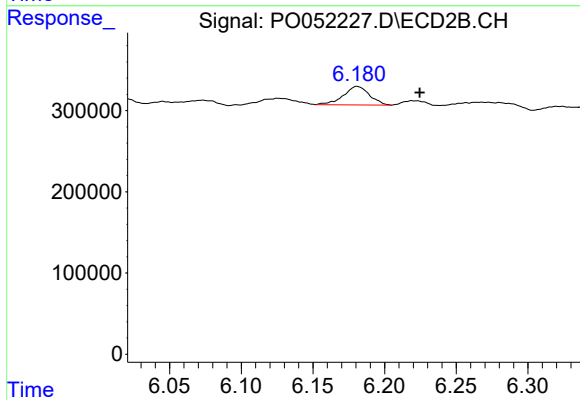
R.T.: 6.703 min  
Delta R.T.: -0.009 min  
Response: 177367  
Conc: 7.34 ng/ml



#36 AR-1262-1

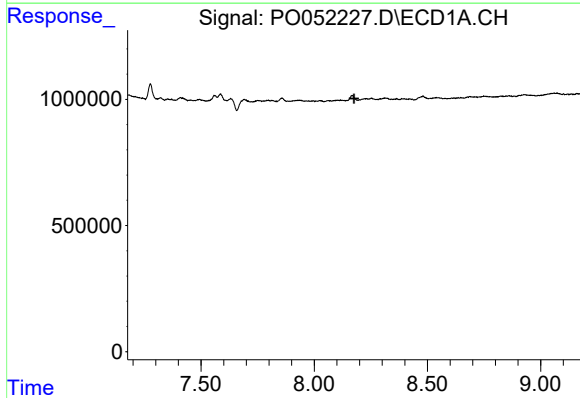
R.T.: 7.691 min  
Delta R.T.: 0.049 min  
Response: 414719  
Conc: 10.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



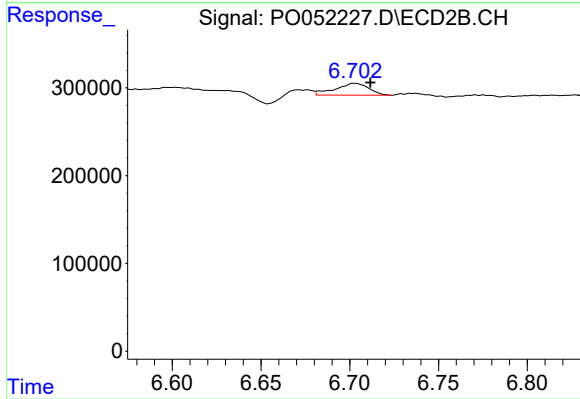
#36 AR-1262-1

R.T.: 6.181 min  
Delta R.T.: -0.044 min  
Response: 289276  
Conc: 15.80 ng/ml



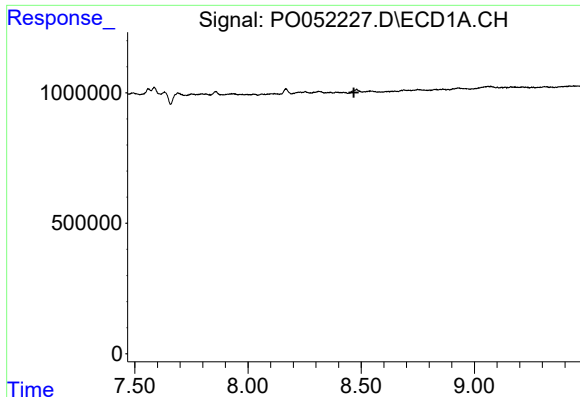
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.176 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

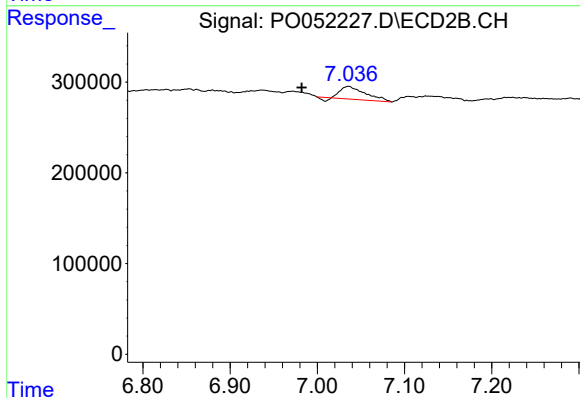
R.T.: 6.703 min  
Delta R.T.: -0.009 min  
Response: 177367  
Conc: 6.13 ng/ml



#38 AR-1262-3

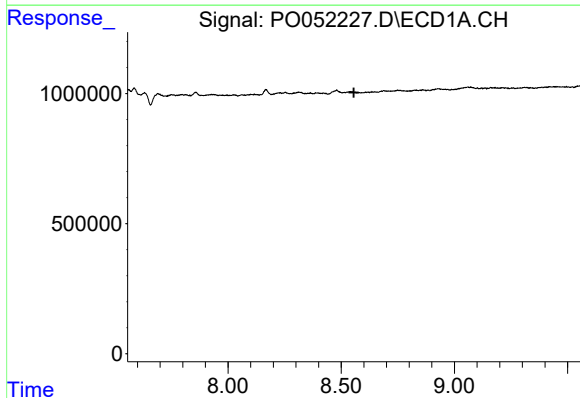
R.T.: 0.000 min  
Exp R.T. : 8.468 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



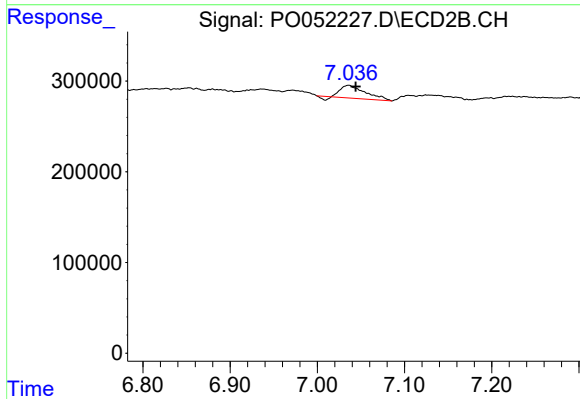
#38 AR-1262-3

R.T.: 7.036 min  
Delta R.T.: 0.054 min  
Response: 272906  
Conc: 23.20 ng/ml



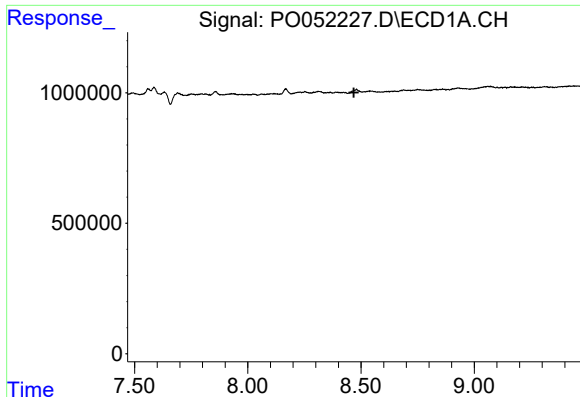
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.556 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

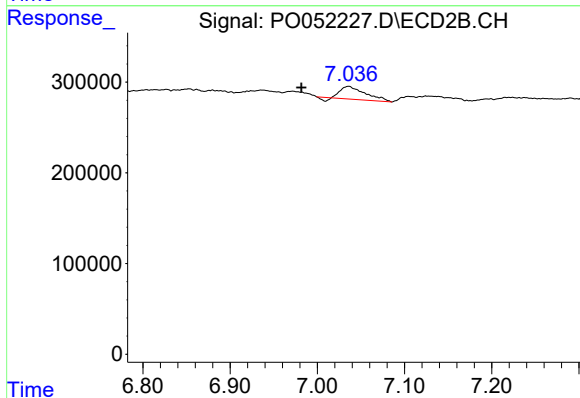
R.T.: 7.036 min  
Delta R.T.: -0.008 min  
Response: 272906  
Conc: 13.04 ng/ml



#41 AR-1268-1

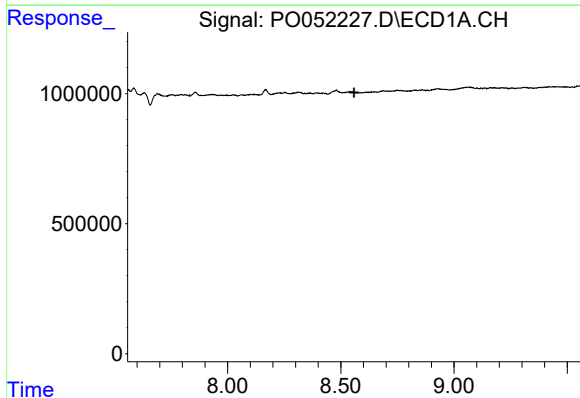
R.T.: 0.000 min  
Exp R.T. : 8.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



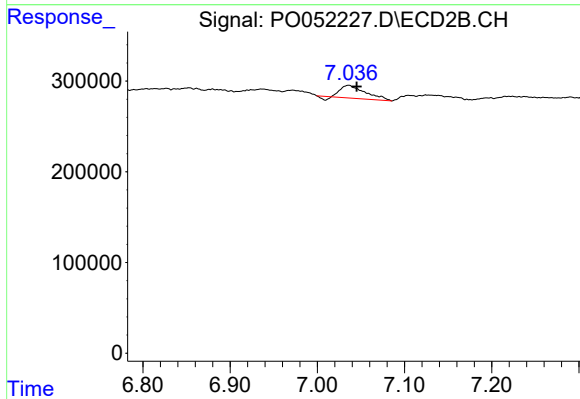
#41 AR-1268-1

R.T.: 7.036 min  
Delta R.T.: 0.054 min  
Response: 272906  
Conc: 6.91 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.558 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.036 min  
Delta R.T.: -0.009 min  
Response: 272906  
Conc: 7.28 ng/ml