

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071421\  
 Data File : PP037265.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Jul 2021 10:19  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

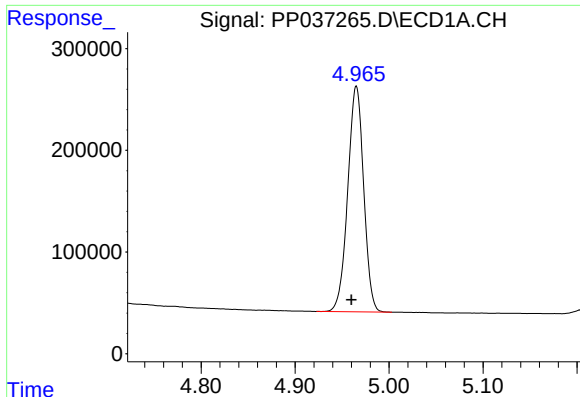
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 18:04:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.965  | 3.948 | 2613634 | 1558729 | 57.506   | 56.962   |
| 2)                          | SA Decachlor... | 10.999 | 9.246 | 2530324 | 1497394 | 54.965   | 53.796   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.285  | 5.200 | 697397  | 415573  | 401.331  | 402.141  |
| 4)                          | L1 AR-1016-2    | 6.309  | 5.220 | 1005446 | 572478  | 402.164  | 399.845  |
| 5)                          | L1 AR-1016-3    | 6.375  | 5.411 | 644319  | 318912  | 404.548  | 408.179  |
| 6)                          | L1 AR-1016-4    | 6.482  | 5.464 | 546885  | 232275  | 414.751  | 384.823  |
| 7)                          | L1 AR-1016-5    | 6.797  | 5.692 | 544774  | 312072  | 430.649  | 404.137  |
| 8)                          | L2 AR-1221-1    | 5.210  | 4.203 | 80403   | 50256   | 151.598  | 164.548  |
| 9)                          | L2 AR-1221-2    | 5.315  | 4.302 | 118638  | 69460   | 292.836  | 295.054  |
| 10)                         | L2 AR-1221-3    | 5.401  | 4.390 | 424466  | 245547  | 348.368  | 330.133  |
| 11)                         | L3 AR-1232-1    | 5.401  | 4.390 | 424466  | 245547  | 382.019  | 361.648  |
| 12)                         | L3 AR-1232-2    | 5.990  | 5.220 | 538504  | 572478  | 903.115  | 914.630  |
| 13)                         | L3 AR-1232-3    | 6.309  | 5.411 | 1005446 | 318912  | 918.839  | 960.539  |
| 14)                         | L3 AR-1232-4    | 6.482  | 5.509 | 546885  | 293770  | 941.972  | 1065.504 |
| 15)                         | L3 AR-1232-5    | 6.580  | 5.692 | 413642  | 312072  | 1075.550 | 1049.792 |
| 16)                         | L4 AR-1242-1    | 6.285  | 5.200 | 697397  | 415573  | 547.112  | 551.378  |
| 17)                         | L4 AR-1242-2    | 6.309  | 5.220 | 1005446 | 572478  | 554.539  | 556.360  |
| 18)                         | L4 AR-1242-3    | 6.375  | 5.411 | 644319  | 318912  | 560.197  | 560.066  |
| 19)                         | L4 AR-1242-4    | 6.482  | 5.509 | 546885  | 293770  | 571.277  | 570.011  |
| 20)                         | L4 AR-1242-5    | 7.265  | 6.072 | 598191  | 380134  | 575.205  | 558.464  |
| 21)                         | L5 AR-1248-1    | 6.285  | 5.200 | 697397  | 415573  | 664.457  | 658.524  |
| 22)                         | L5 AR-1248-2    | 6.580  | 5.464 | 413642  | 232275  | 278.631  | 283.169  |
| 23)                         | L5 AR-1248-3    | 6.797  | 5.509 | 544774  | 293770  | 329.806  | 343.281  |
| 24)                         | L5 AR-1248-4    | 7.226  | 5.692 | 558374  | 312072  | 295.419  | 306.653  |
| 25)                         | L5 AR-1248-5    | 7.265  | 6.115 | 598191  | 329298  | 319.614  | 310.440  |
| 26)                         | L6 AR-1254-1    | 7.195  | 6.072 | 450408  | 380134  | 250.715  | 256.056  |
| 27)                         | L6 AR-1254-2    | 7.429  | 6.233 | 509875  | 91469   | 183.298  | 70.415 # |
| 28)                         | L6 AR-1254-3    | 7.806  | 6.652 | 227828  | 121241  | 73.898   | 56.813   |
| 29)                         | L6 AR-1254-4    | 8.101  | 6.892 | 201294  | 91013   | 88.619   | 67.083   |
| 30)                         | L6 AR-1254-5    | 8.530  | 7.322 | 51153   | 30979   | 20.442   | 16.525   |
| 31)                         | L7 AR-1260-1    | 7.973  | 6.799 | 4466    | 51588   | 2.029    | 37.334 # |
| 32)                         | L7 AR-1260-2    | 8.233  | 6.989 | 60611   | 17681   | 21.789   | 10.525 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.141 | 0       | 20444   | N.D.     | 11.932 # |
| 34)                         | L7 AR-1260-4    | 8.827  | 0.000 | 21280   | 0       | 8.651    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.322 | 0       | 30979   | N.D.     | 29.833 # |
| 45)                         | L9 AR-1268-5    | 10.658 | 9.004 | 21045   | 11861   | 1.329    | 1.152    |
| -----                       |                 |        |       |         |         |          |          |

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

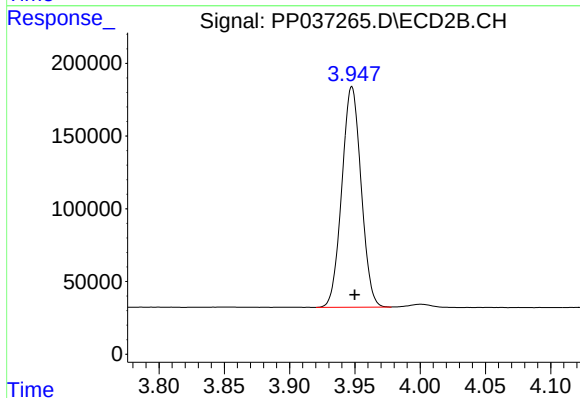




#1 Tetrachloro-m-xylene

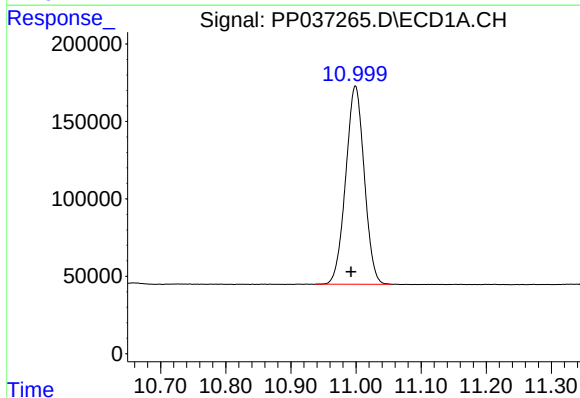
R.T.: 4.965 min  
Delta R.T.: 0.005 min  
Response: 2613634  
Conc: 57.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



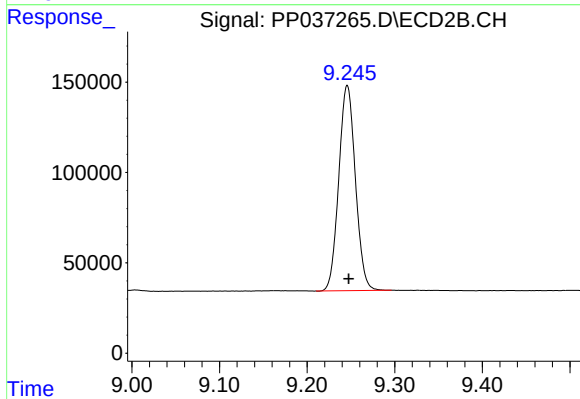
#1 Tetrachloro-m-xylene

R.T.: 3.948 min  
Delta R.T.: -0.002 min  
Response: 1558729  
Conc: 56.96 ng/ml



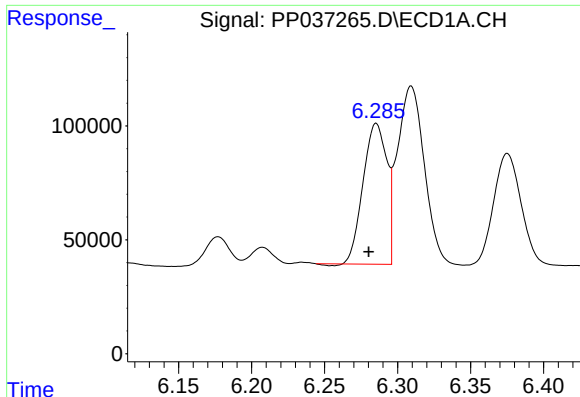
#2 Decachlorobiphenyl

R.T.: 10.999 min  
Delta R.T.: 0.007 min  
Response: 2530324  
Conc: 54.96 ng/ml



#2 Decachlorobiphenyl

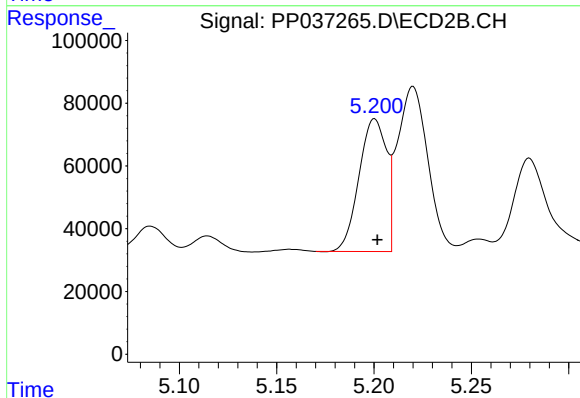
R.T.: 9.246 min  
Delta R.T.: -0.001 min  
Response: 1497394  
Conc: 53.80 ng/ml



#3 AR-1016-1

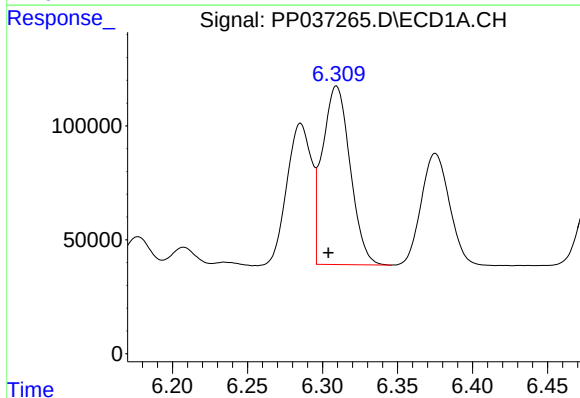
R.T.: 6.285 min  
Delta R.T.: 0.005 min  
Response: 697397  
Conc: 401.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



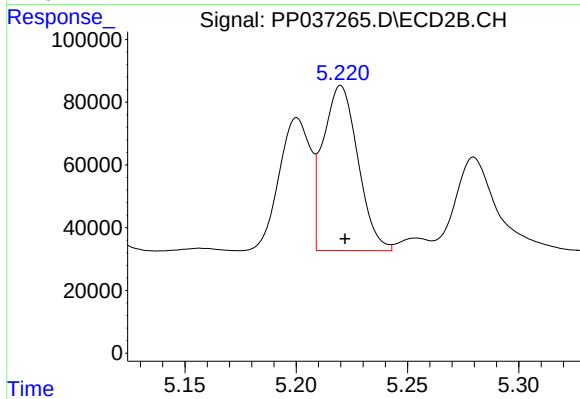
#3 AR-1016-1

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 415573  
Conc: 402.14 ng/ml



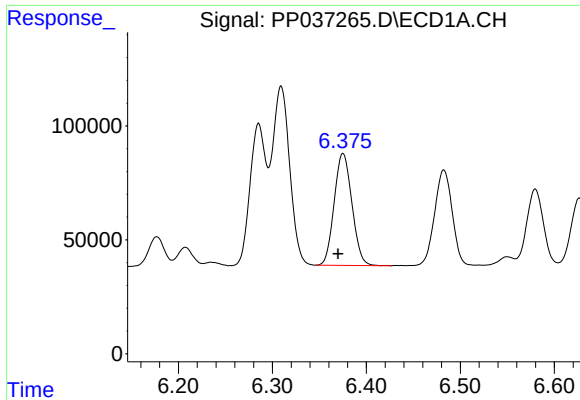
#4 AR-1016-2

R.T.: 6.309 min  
Delta R.T.: 0.005 min  
Response: 1005446  
Conc: 402.16 ng/ml



#4 AR-1016-2

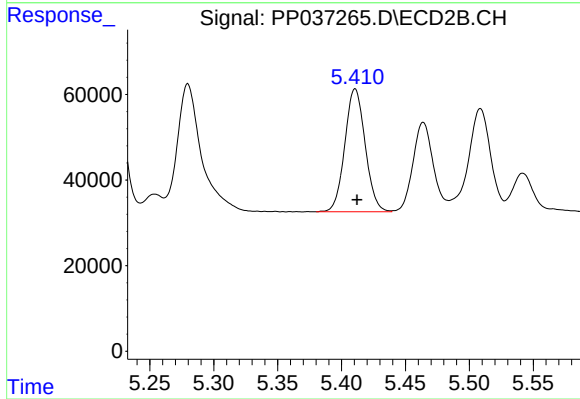
R.T.: 5.220 min  
Delta R.T.: -0.002 min  
Response: 572478  
Conc: 399.84 ng/ml



#5 AR-1016-3

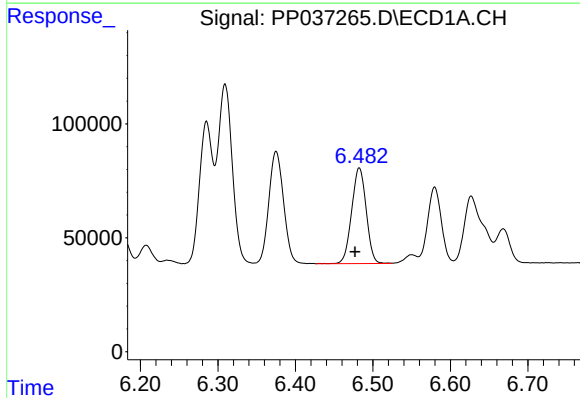
R.T.: 6.375 min  
Delta R.T.: 0.005 min  
Response: 644319  
Conc: 404.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



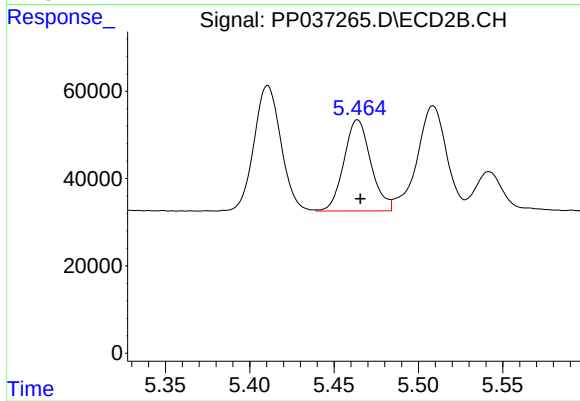
#5 AR-1016-3

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 318912  
Conc: 408.18 ng/ml



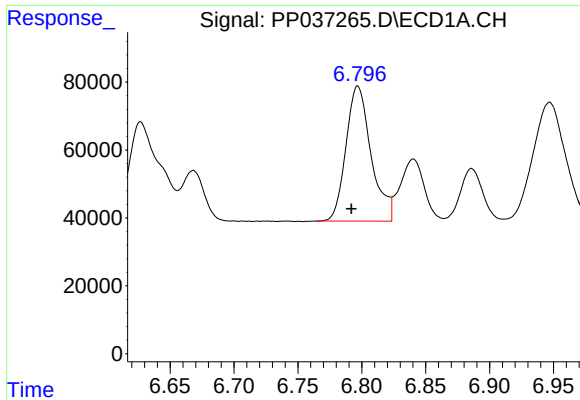
#6 AR-1016-4

R.T.: 6.482 min  
Delta R.T.: 0.006 min  
Response: 546885  
Conc: 414.75 ng/ml



#6 AR-1016-4

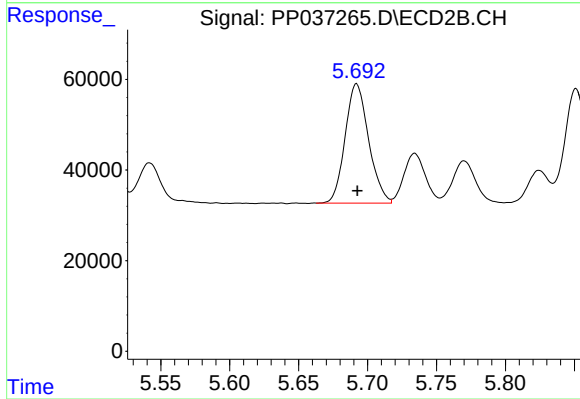
R.T.: 5.464 min  
Delta R.T.: -0.002 min  
Response: 232275  
Conc: 384.82 ng/ml



#7 AR-1016-5

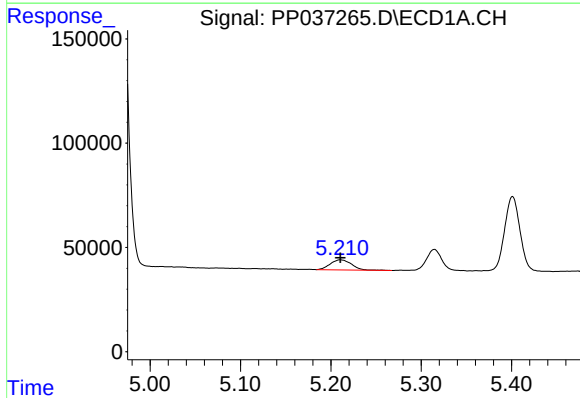
R.T.: 6.797 min  
Delta R.T.: 0.005 min  
Response: 544774  
Conc: 430.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



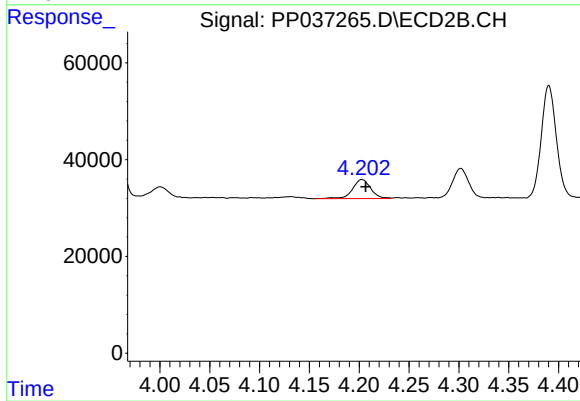
#7 AR-1016-5

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 312072  
Conc: 404.14 ng/ml



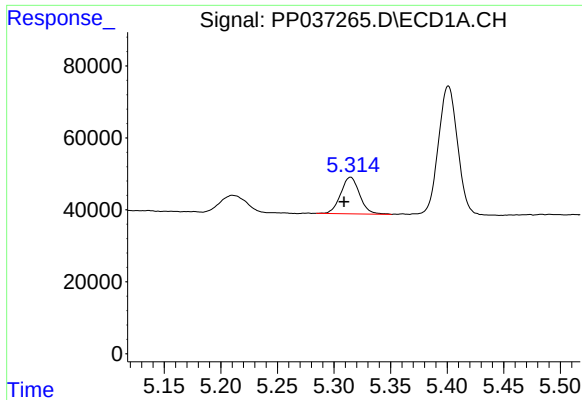
#8 AR-1221-1

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 80403  
Conc: 151.60 ng/ml



#8 AR-1221-1

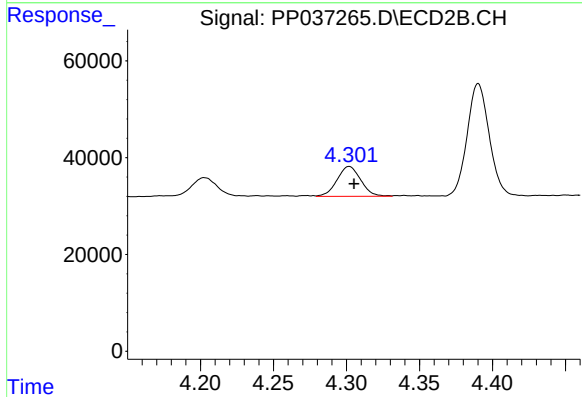
R.T.: 4.203 min  
Delta R.T.: -0.004 min  
Response: 50256  
Conc: 164.55 ng/ml



#9 AR-1221-2

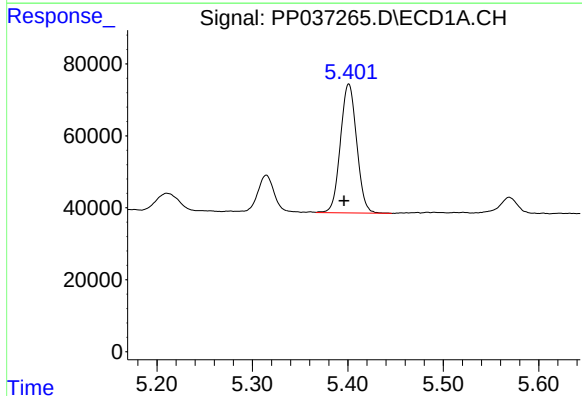
R.T.: 5.315 min  
Delta R.T.: 0.006 min  
Response: 118638  
Conc: 292.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



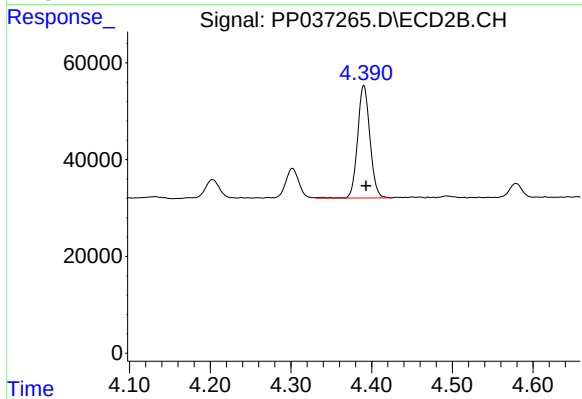
#9 AR-1221-2

R.T.: 4.302 min  
Delta R.T.: -0.003 min  
Response: 69460  
Conc: 295.05 ng/ml



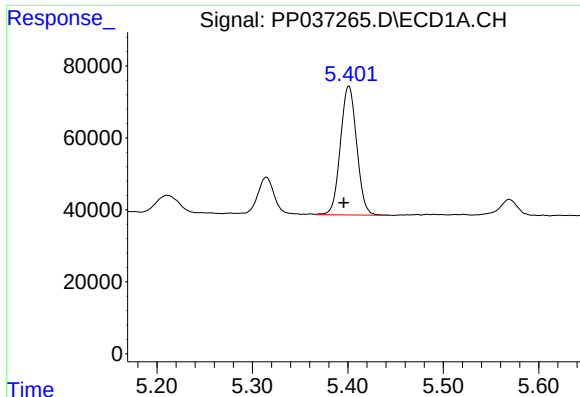
#10 AR-1221-3

R.T.: 5.401 min  
Delta R.T.: 0.005 min  
Response: 424466  
Conc: 348.37 ng/ml



#10 AR-1221-3

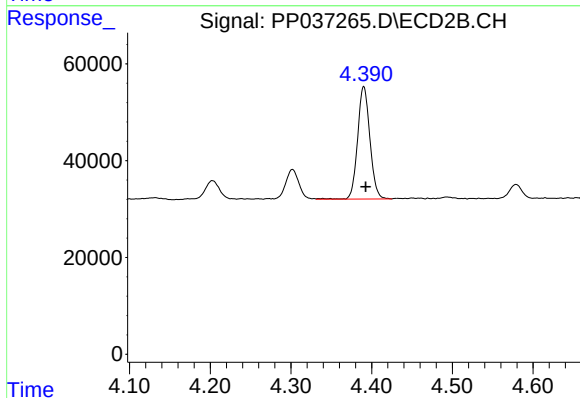
R.T.: 4.390 min  
Delta R.T.: -0.003 min  
Response: 245547  
Conc: 330.13 ng/ml



#11 AR-1232-1

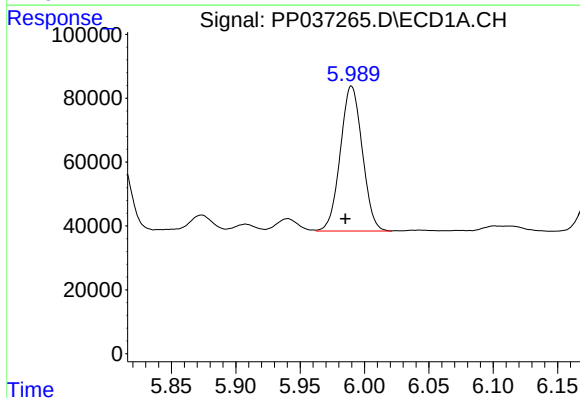
R.T.: 5.401 min  
Delta R.T.: 0.006 min  
Response: 424466  
Conc: 382.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



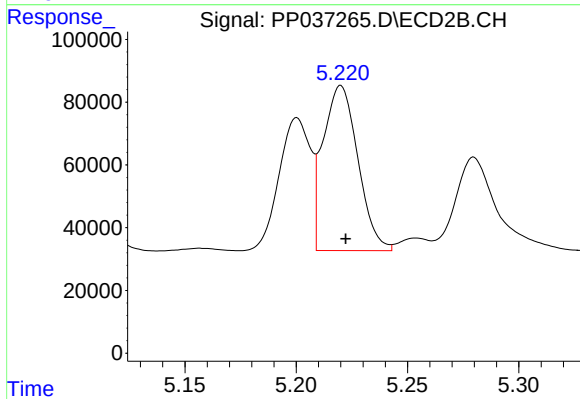
#11 AR-1232-1

R.T.: 4.390 min  
Delta R.T.: -0.002 min  
Response: 245547  
Conc: 361.65 ng/ml



#12 AR-1232-2

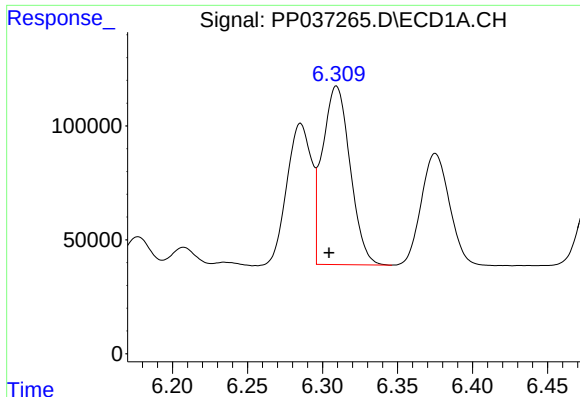
R.T.: 5.990 min  
Delta R.T.: 0.005 min  
Response: 538504  
Conc: 903.12 ng/ml



#12 AR-1232-2

R.T.: 5.220 min  
Delta R.T.: -0.002 min  
Response: 572478  
Conc: 914.63 ng/ml

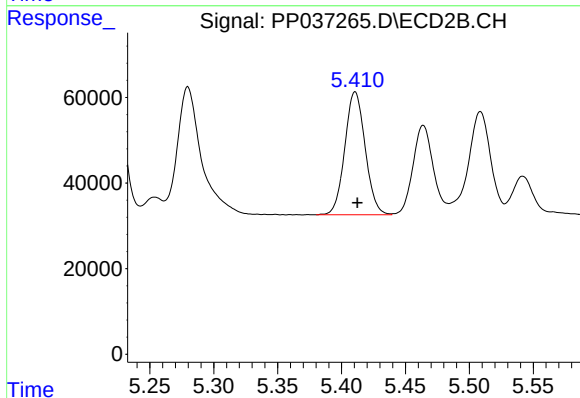




#13 AR-1232-3

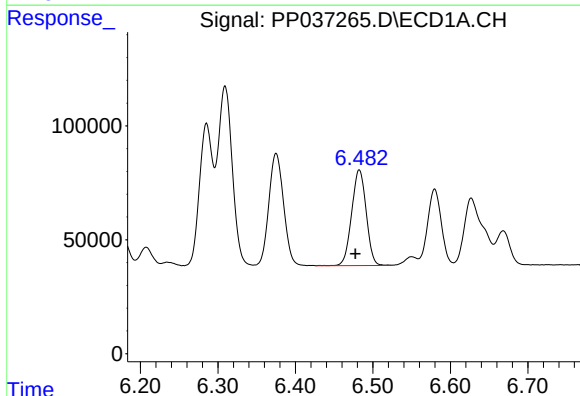
R.T.: 6.309 min  
Delta R.T.: 0.005 min  
Response: 1005446  
Conc: 918.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



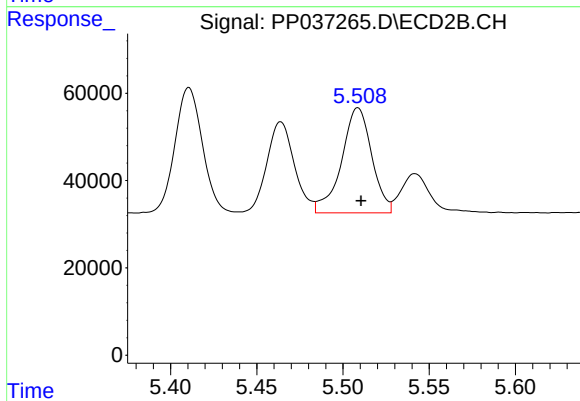
#13 AR-1232-3

R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 318912  
Conc: 960.54 ng/ml



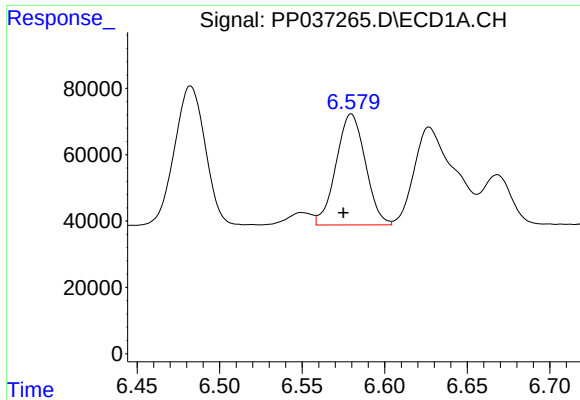
#14 AR-1232-4

R.T.: 6.482 min  
Delta R.T.: 0.005 min  
Response: 546885  
Conc: 941.97 ng/ml



#14 AR-1232-4

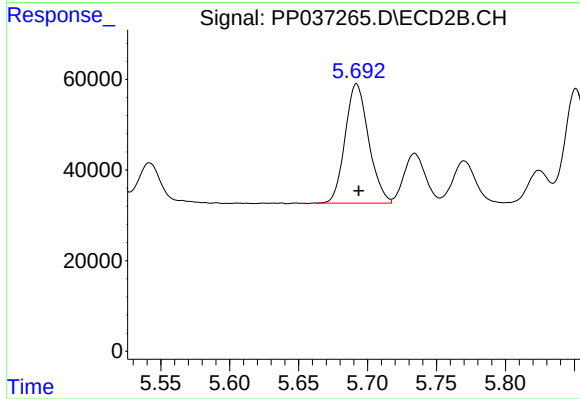
R.T.: 5.509 min  
Delta R.T.: -0.002 min  
Response: 293770  
Conc: 1065.50 ng/ml



#15 AR-1232-5

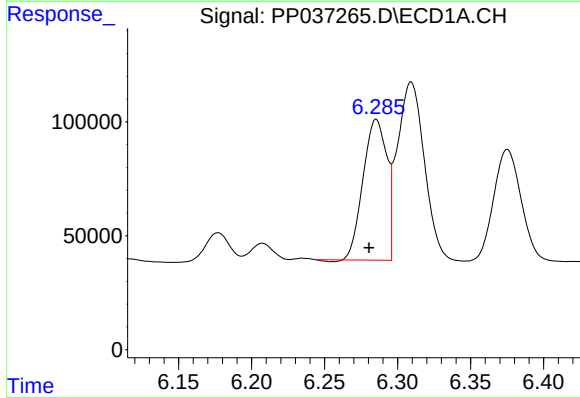
R.T.: 6.580 min  
Delta R.T.: 0.005 min  
Response: 413642  
Conc: 1075.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



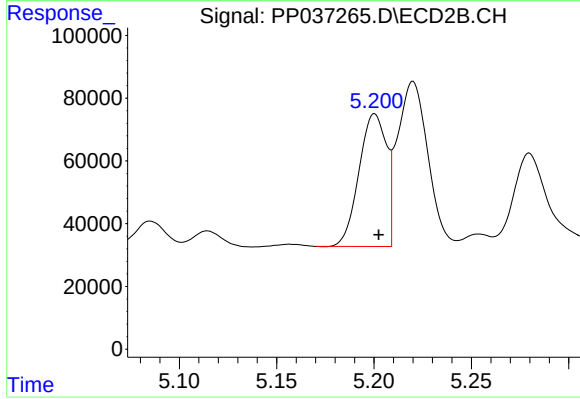
#15 AR-1232-5

R.T.: 5.692 min  
Delta R.T.: -0.001 min  
Response: 312072  
Conc: 1049.79 ng/ml



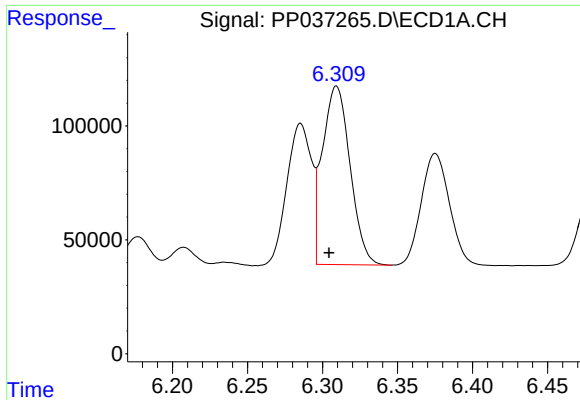
#16 AR-1242-1

R.T.: 6.285 min  
Delta R.T.: 0.005 min  
Response: 697397  
Conc: 547.11 ng/ml



#16 AR-1242-1

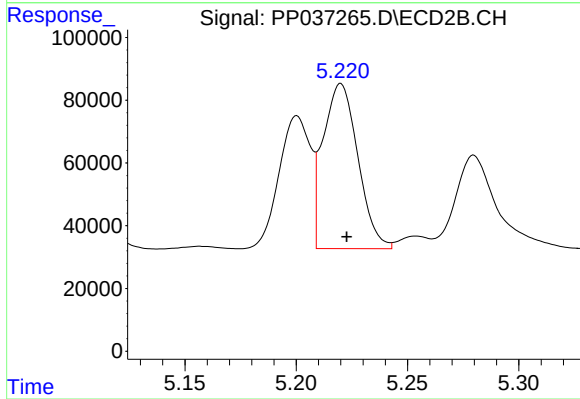
R.T.: 5.200 min  
Delta R.T.: -0.002 min  
Response: 415573  
Conc: 551.38 ng/ml



#17 AR-1242-2

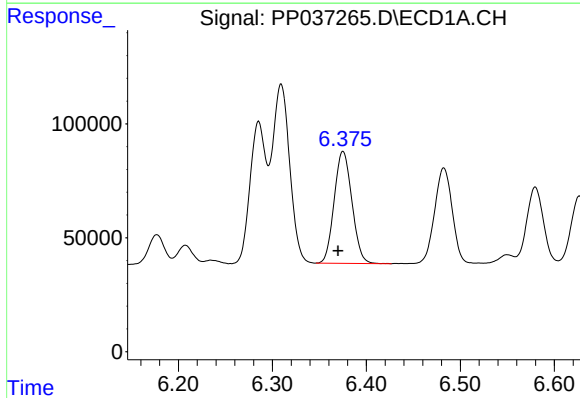
R.T.: 6.309 min  
Delta R.T.: 0.005 min  
Response: 1005446  
Conc: 554.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



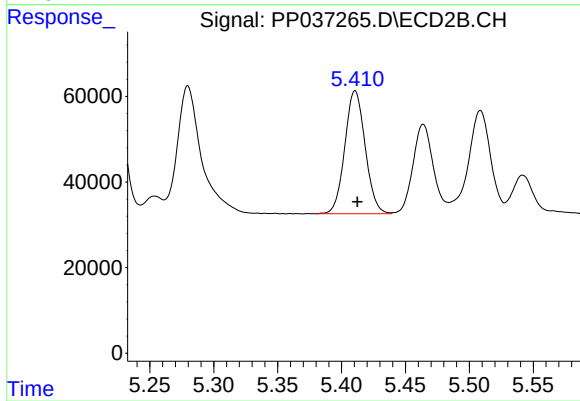
#17 AR-1242-2

R.T.: 5.220 min  
Delta R.T.: -0.003 min  
Response: 572478  
Conc: 556.36 ng/ml



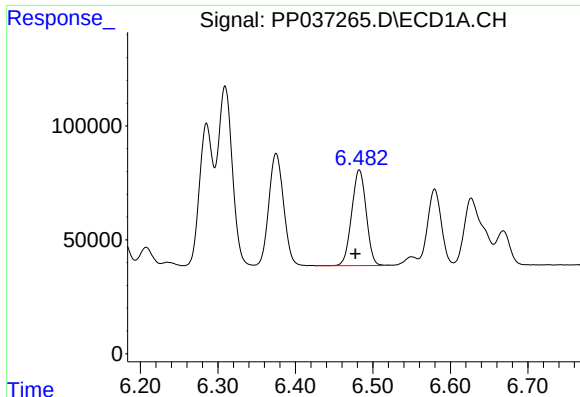
#18 AR-1242-3

R.T.: 6.375 min  
Delta R.T.: 0.005 min  
Response: 644319  
Conc: 560.20 ng/ml



#18 AR-1242-3

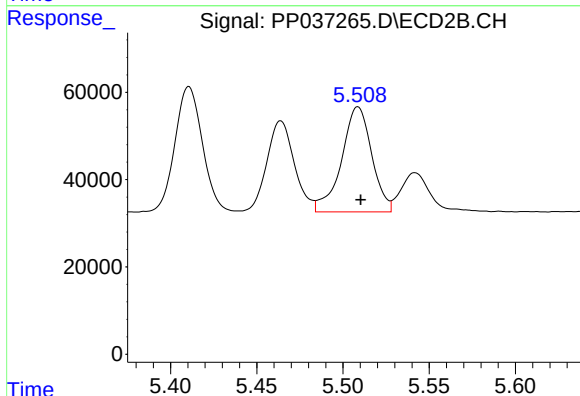
R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 318912  
Conc: 560.07 ng/ml



#19 AR-1242-4

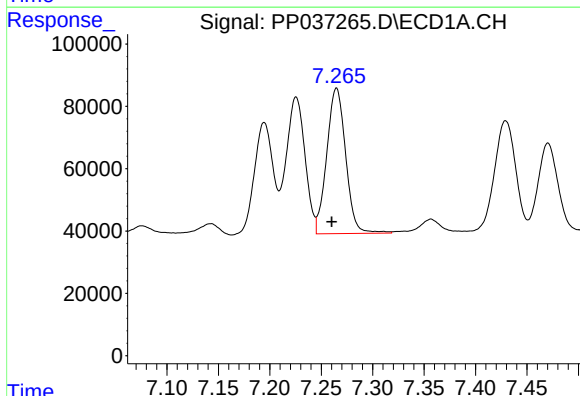
R.T.: 6.482 min  
Delta R.T.: 0.005 min  
Response: 546885  
Conc: 571.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



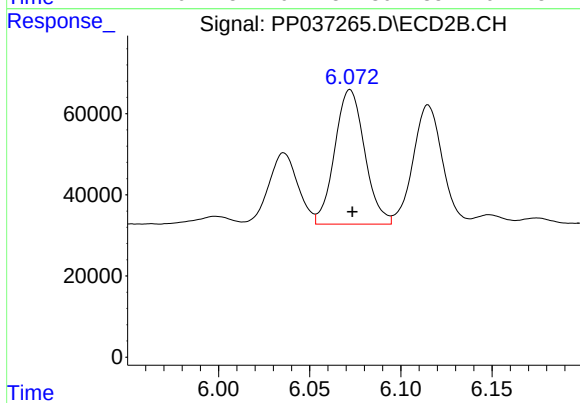
#19 AR-1242-4

R.T.: 5.509 min  
Delta R.T.: -0.002 min  
Response: 293770  
Conc: 570.01 ng/ml



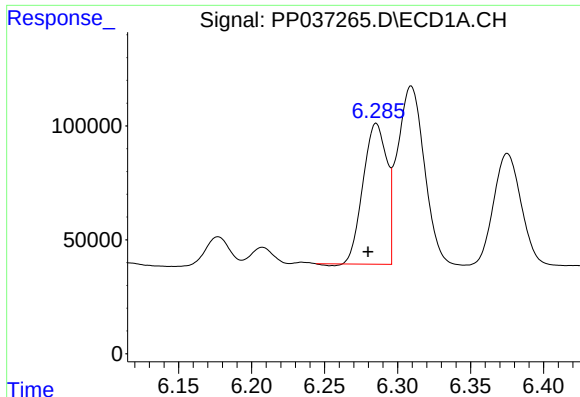
#20 AR-1242-5

R.T.: 7.265 min  
Delta R.T.: 0.005 min  
Response: 598191  
Conc: 575.20 ng/ml



#20 AR-1242-5

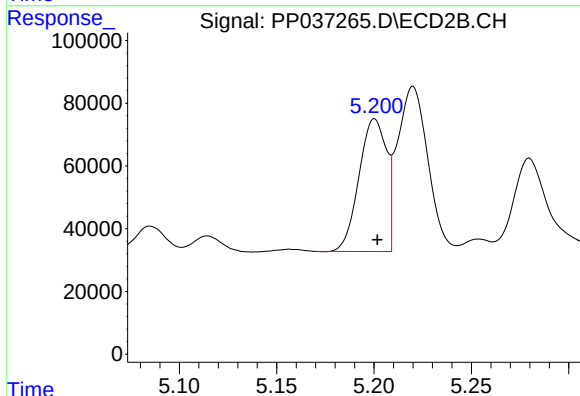
R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 380134  
Conc: 558.46 ng/ml



#21 AR-1248-1

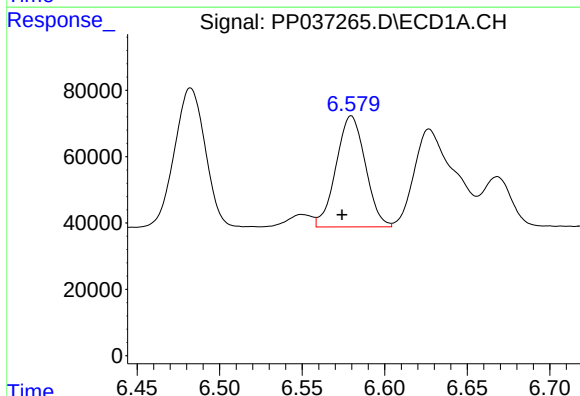
R.T.: 6.285 min  
Delta R.T.: 0.006 min  
Response: 697397  
Conc: 664.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



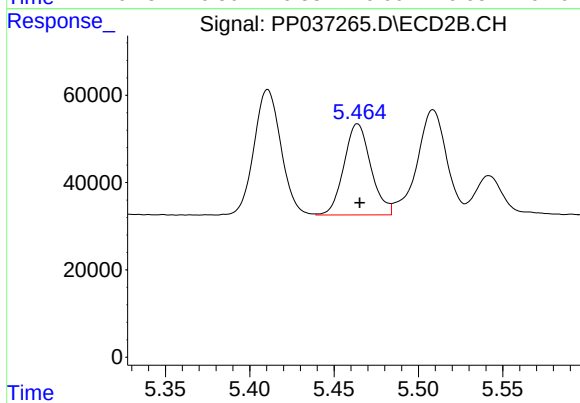
#21 AR-1248-1

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 415573  
Conc: 658.52 ng/ml



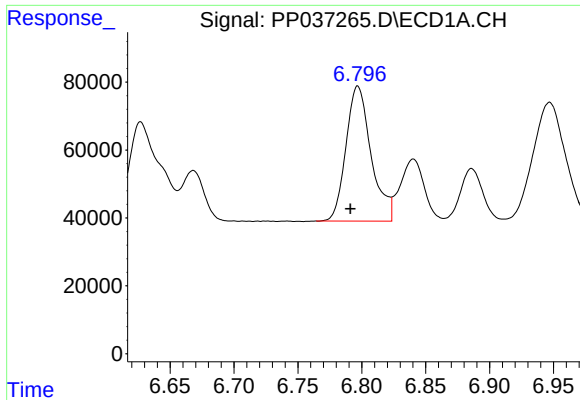
#22 AR-1248-2

R.T.: 6.580 min  
Delta R.T.: 0.006 min  
Response: 413642  
Conc: 278.63 ng/ml



#22 AR-1248-2

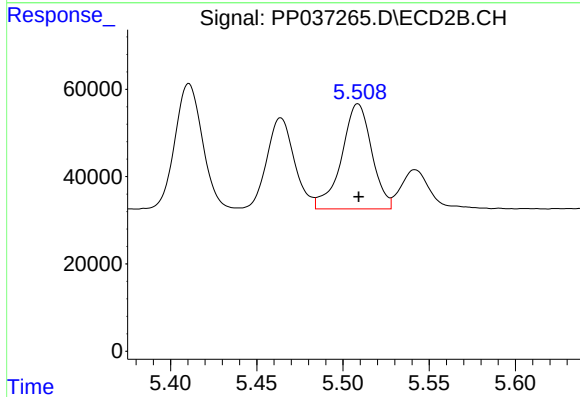
R.T.: 5.464 min  
Delta R.T.: -0.001 min  
Response: 232275  
Conc: 283.17 ng/ml



#23 AR-1248-3

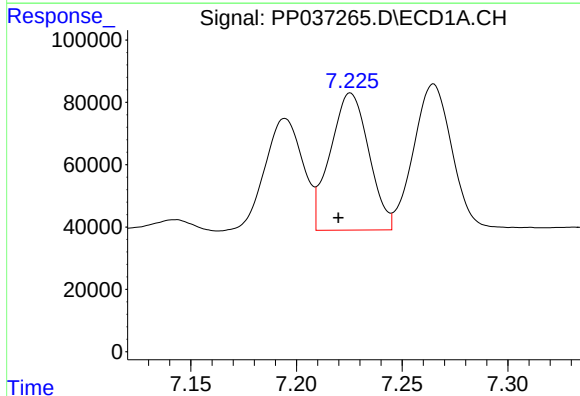
R.T.: 6.797 min  
Delta R.T.: 0.006 min  
Response: 544774  
Conc: 329.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



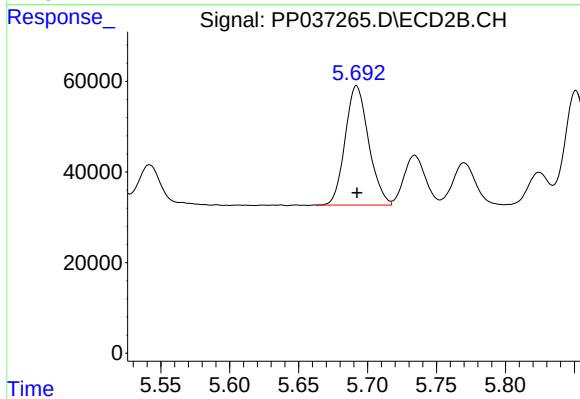
#23 AR-1248-3

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 293770  
Conc: 343.28 ng/ml



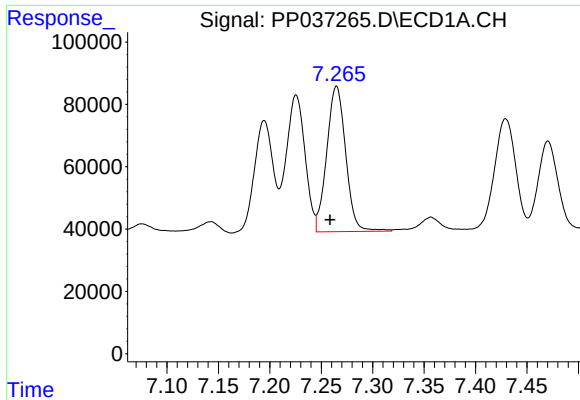
#24 AR-1248-4

R.T.: 7.226 min  
Delta R.T.: 0.006 min  
Response: 558374  
Conc: 295.42 ng/ml



#24 AR-1248-4

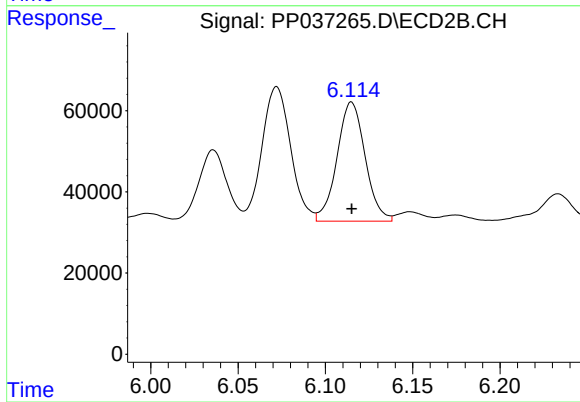
R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 312072  
Conc: 306.65 ng/ml



#25 AR-1248-5

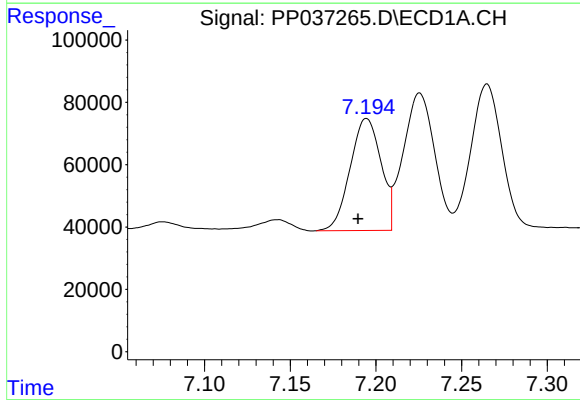
R.T.: 7.265 min  
Delta R.T.: 0.006 min  
Response: 598191  
Conc: 319.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



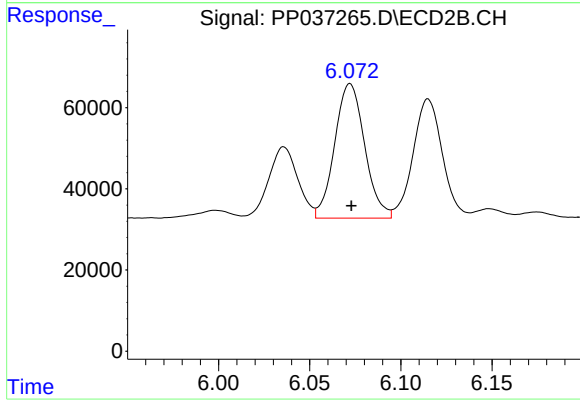
#25 AR-1248-5

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 329298  
Conc: 310.44 ng/ml



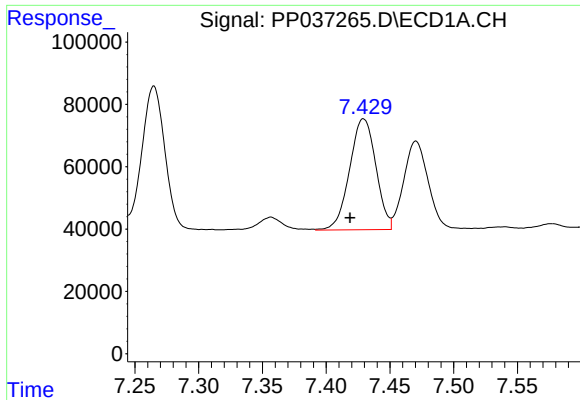
#26 AR-1254-1

R.T.: 7.195 min  
Delta R.T.: 0.005 min  
Response: 450408  
Conc: 250.71 ng/ml



#26 AR-1254-1

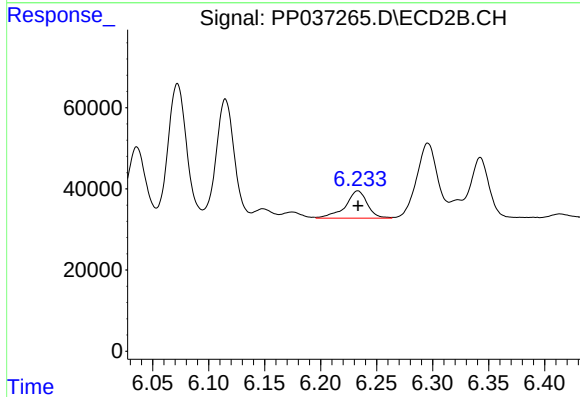
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 380134  
Conc: 256.06 ng/ml



#27 AR-1254-2

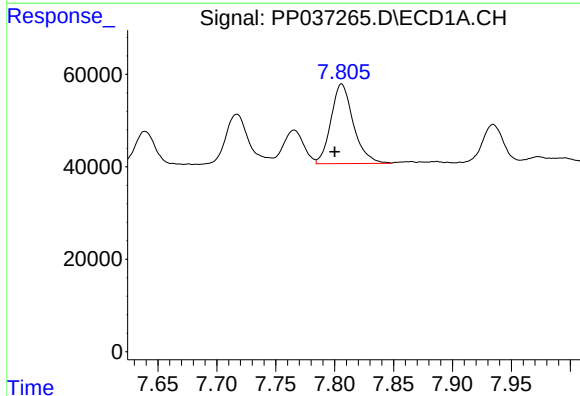
R.T.: 7.429 min  
Delta R.T.: 0.011 min  
Response: 509875  
Conc: 183.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



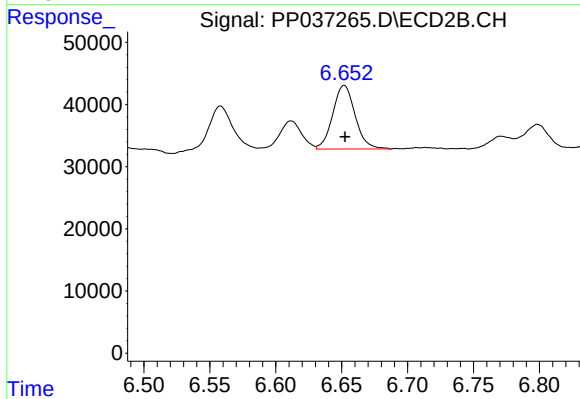
#27 AR-1254-2

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 91469  
Conc: 70.42 ng/ml



#28 AR-1254-3

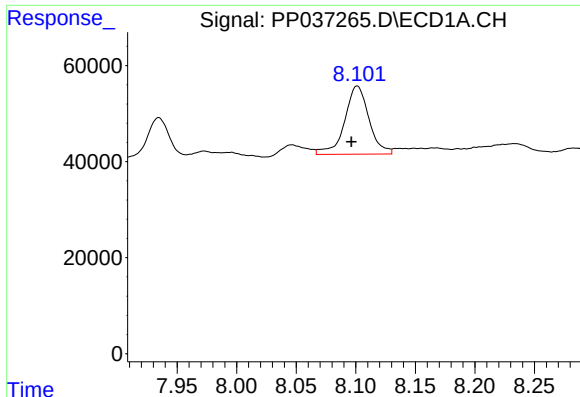
R.T.: 7.806 min  
Delta R.T.: 0.006 min  
Response: 227828  
Conc: 73.90 ng/ml



#28 AR-1254-3

R.T.: 6.652 min  
Delta R.T.: 0.000 min  
Response: 121241  
Conc: 56.81 ng/ml

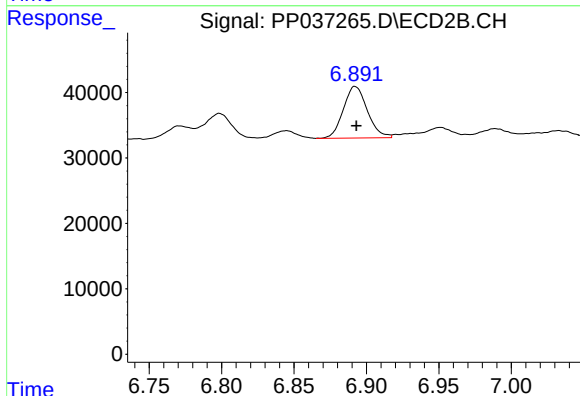




#29 AR-1254-4

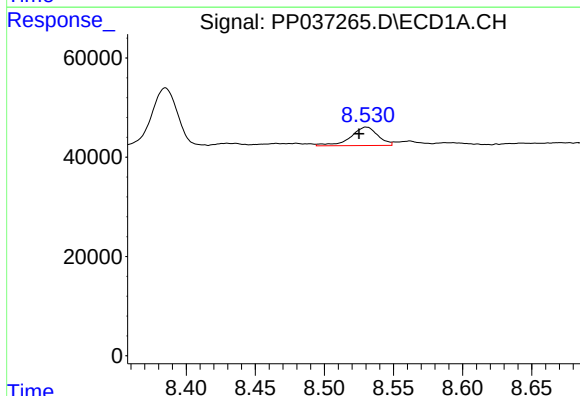
R.T.: 8.101 min  
Delta R.T.: 0.005 min  
Response: 201294  
Conc: 88.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



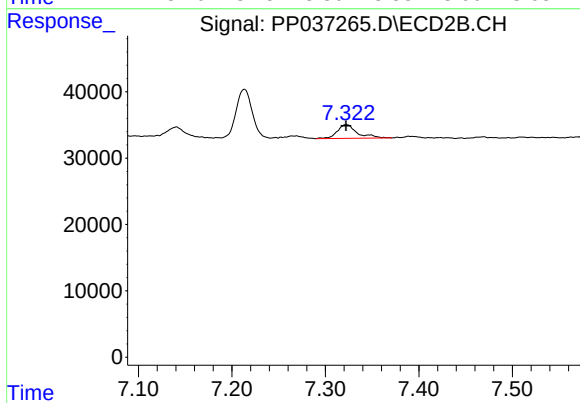
#29 AR-1254-4

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 91013  
Conc: 67.08 ng/ml



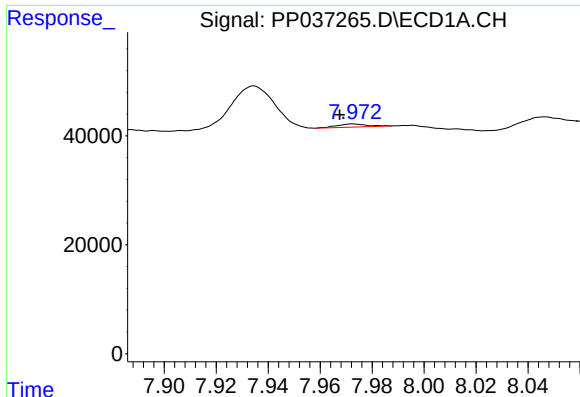
#30 AR-1254-5

R.T.: 8.530 min  
Delta R.T.: 0.005 min  
Response: 51153  
Conc: 20.44 ng/ml



#30 AR-1254-5

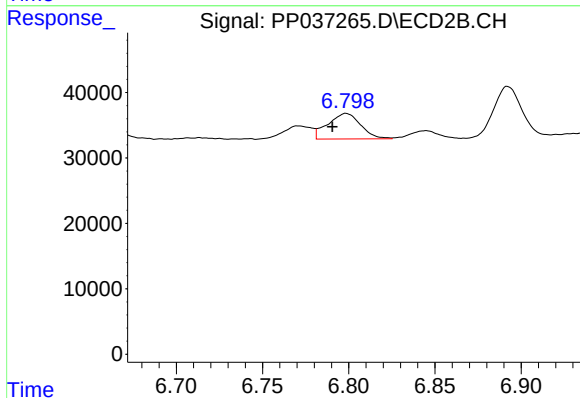
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 30979  
Conc: 16.53 ng/ml



#31 AR-1260-1

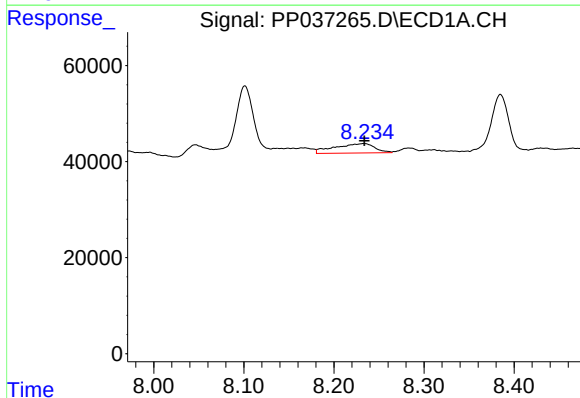
R.T.: 7.973 min  
Delta R.T.: 0.005 min  
Response: 4466  
Conc: 2.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



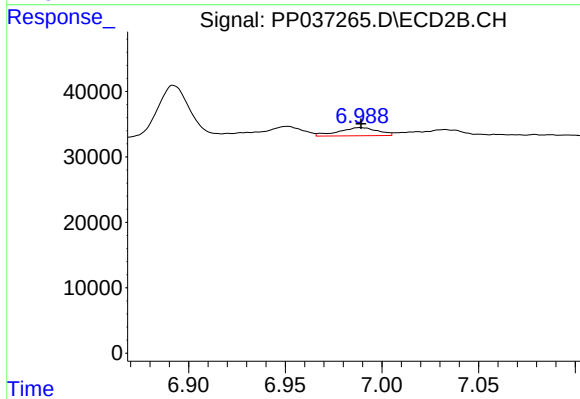
#31 AR-1260-1

R.T.: 6.799 min  
Delta R.T.: 0.008 min  
Response: 51588  
Conc: 37.33 ng/ml



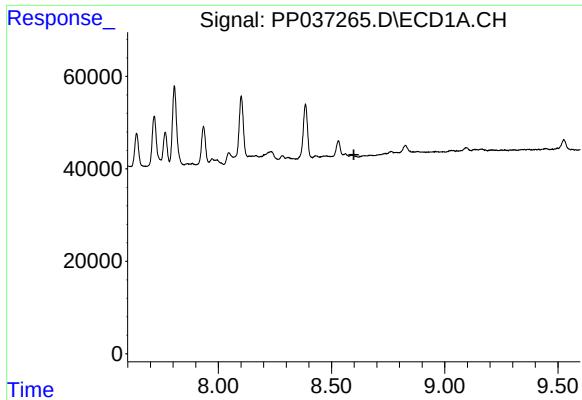
#32 AR-1260-2

R.T.: 8.233 min  
Delta R.T.: 0.000 min  
Response: 60611  
Conc: 21.79 ng/ml



#32 AR-1260-2

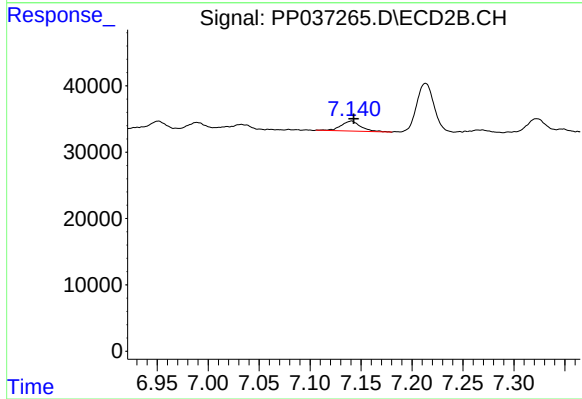
R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 17681  
Conc: 10.52 ng/ml



#33 AR-1260-3

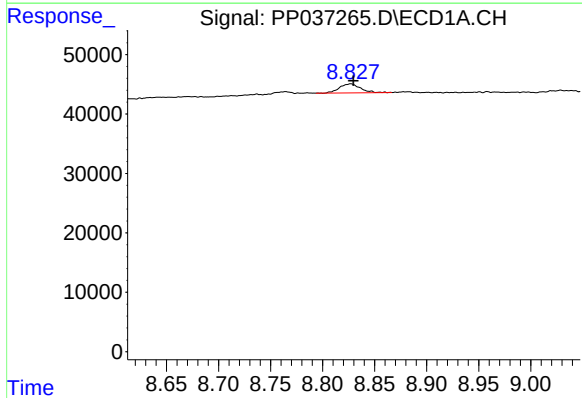
R.T.: 0.000 min  
Exp R.T.: 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



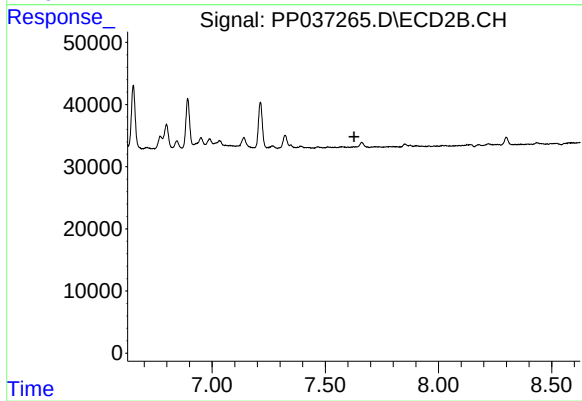
#33 AR-1260-3

R.T.: 7.141 min  
Delta R.T.: -0.002 min  
Response: 20444  
Conc: 11.93 ng/ml



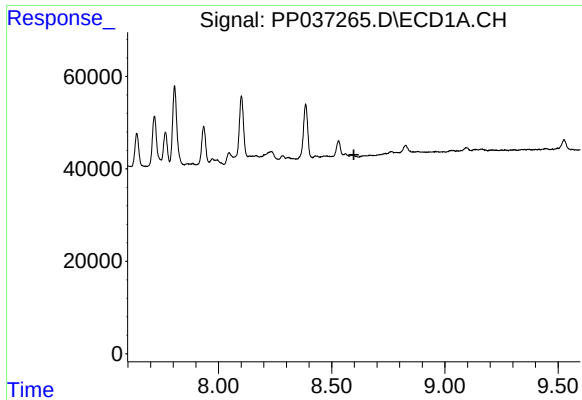
#34 AR-1260-4

R.T.: 8.827 min  
Delta R.T.: -0.003 min  
Response: 21280  
Conc: 8.65 ng/ml



#34 AR-1260-4

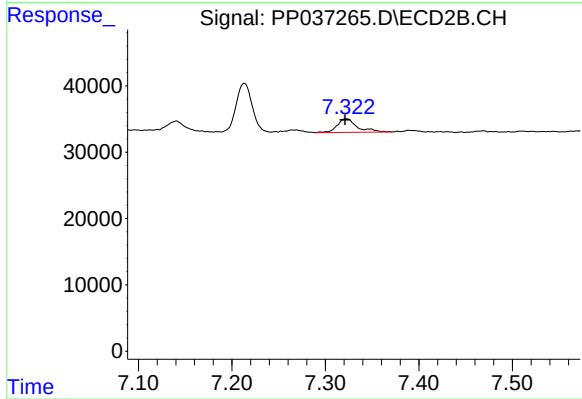
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

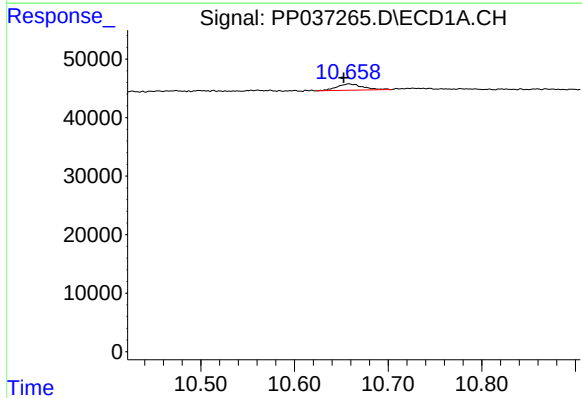
R.T.: 0.000 min  
Exp R.T.: 8.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



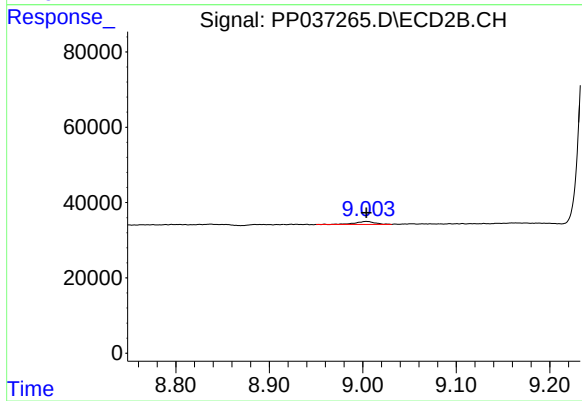
#36 AR-1262-1

R.T.: 7.322 min  
Delta R.T.: 0.002 min  
Response: 30979  
Conc: 29.83 ng/ml



#45 AR-1268-5

R.T.: 10.658 min  
Delta R.T.: 0.005 min  
Response: 21045  
Conc: 1.33 ng/ml



#45 AR-1268-5

R.T.: 9.004 min  
Delta R.T.: 0.000 min  
Response: 11861  
Conc: 1.15 ng/ml