

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082418\  
 Data File : PQ031378.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2018 21:32  
 Operator : SM\SJ  
 Sample : J4544-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 01:10:28 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Aug 13 07:57:53 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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

## Target Compounds

|     |    |           |       |       |          |          |         |           |
|-----|----|-----------|-------|-------|----------|----------|---------|-----------|
| 3)  | L1 | AR-1016-1 | 5.313 | 4.565 | 11059801 | 9304157  | 223.523 | 185.744   |
| 4)  | L1 | AR-1016-2 | 5.510 | 4.982 | 9710233  | 14633768 | 194.996 | 201.233   |
| 5)  | L1 | AR-1016-3 | 5.778 | 5.000 | 26363298 | 29129298 | 369.661 | 269.648 # |
| 6)  | L1 | AR-1016-4 | 5.863 | 5.058 | 18638890 | 14803608 | 277.015 | 206.378 # |
| 7)  | L1 | AR-1016-5 | 6.259 | 5.435 | 13023316 | 12089734 | 229.103 | 189.388   |
| 9)  | L2 | AR-1221-2 | 4.897 | 4.262 | 1506966  | 6135092  | 78.001  | 343.140 # |
| 10) | L2 | AR-1221-3 | 4.976 | 4.262 | 7164465  | 6135092  | 121.246 | 97.764    |
| 11) | L3 | AR-1232-1 | 5.800 | 4.760 | 29867166 | 9748707  | 662.897 | 448.341 # |
| 12) | L3 | AR-1232-2 | 5.963 | 5.000 | 11385405 | 29129298 | 497.328 | 708.712 # |
| 13) | L3 | AR-1232-3 | 6.051 | 5.261 | 11100107 | 10154948 | 763.100 | 586.941   |
| 14) | L3 | AR-1232-4 | 6.635 | 5.658 | 12707259 | 1814926  | 400.095 | 112.642 # |
| 15) | L3 | AR-1232-5 | 6.701 | 5.829 | 2014920  | 1369592  | 69.085  | 64.335    |
| 16) | L4 | AR-1242-1 | 5.344 | 4.585 | 6739101  | 5191262  | 316.681 | 242.529   |
| 17) | L4 | AR-1242-2 | 6.097 | 5.179 | 11568455 | 10441310 | 312.499 | 249.806   |
| 18) | L4 | AR-1242-3 | 6.299 | 5.218 | 5366193  | 8554478  | 286.819 | 261.037   |
| 19) | L4 | AR-1242-4 | 6.344 | 0.000 | 3941925  | 0        | 287.799 | N.D. #    |
| 20) | L4 | AR-1242-5 | 6.399 | 0.000 | 11293347 | 0        | 241.642 | N.D. #    |
| 21) | L5 | AR-1248-1 | 6.051 | 5.218 | 11100107 | 8554478  | 171.504 | 126.328 # |
| 22) | L5 | AR-1248-2 | 6.635 | 5.788 | 12707259 | 9343676  | 182.307 | 68.488 #  |
| 23) | L5 | AR-1248-3 | 6.635 | 5.829 | 12707259 | 1369592  | 139.877 | 14.789 #  |
| 24) | L5 | AR-1248-4 | 6.701 | 0.000 | 2014920  | 0        | 23.132  | N.D. #    |
| 25) | L5 | AR-1248-5 | 6.852 | 6.355 | 11523834 | 20524560 | 200.086 | 284.251 # |
| 26) | L6 | AR-1254-1 | 6.852 | 5.934 | 11523834 | 9365598  | 72.075  | 66.102    |
| 27) | L6 | AR-1254-2 | 7.136 | 6.252 | 2240163  | 2069635  | 22.769  | 17.308    |
| 28) | L6 | AR-1254-3 | 7.222 | 6.569 | 6996449  | 2089156  | 39.130  | 11.750 #  |
| 29) | L6 | AR-1254-4 | 7.507 | 6.896 | 4236973  | 3243366  | 32.414  | 30.257    |
| 30) | L6 | AR-1254-5 | 7.770 | 6.987 | 14821503 | 38293156 | 147.797 | 173.573   |
| 31) | L7 | AR-1260-1 | 7.384 | 6.471 | 28794666 | 25750543 | 229.878 | 173.144   |
| 32) | L7 | AR-1260-2 | 7.640 | 6.657 | 33912950 | 32312148 | 224.651 | 181.310   |
| 33) | L7 | AR-1260-3 | 7.926 | 6.814 | 41924288 | 27740013 | 233.365 | 161.368 # |
| 34) | L7 | AR-1260-4 | 8.233 | 7.286 | 26670497 | 21554138 | 206.669 | 155.855   |
| 35) | L7 | AR-1260-5 | 8.565 | 7.525 | 51828604 | 53875841 | 201.224 | 168.436   |
| 36) | L8 | AR-1262-1 | 7.278 | 6.355 | 17572618 | 20524560 | 220.816 | 172.123   |
| 37) | L8 | AR-1262-2 | 8.058 | 7.078 | 12260007 | 12353762 | 166.567 | 128.881   |
| 38) | L8 | AR-1262-3 | 8.318 | 7.385 | 13012081 | 12200950 | 147.462 | 126.744   |
| 39) | L8 | AR-1262-4 | 8.964 | 7.810 | 17387288 | 12192154 | 115.095 | 72.016 #  |
| 40) | L8 | AR-1262-5 | 9.671 | 8.381 | 11133963 | 6233278  | 111.657 | 54.501 #  |
| 41) | L9 | AR-1268-1 | 8.000 | 7.024 | 22084509 | 23200456 | 301.323 | 264.309   |
| 42) | L9 | AR-1268-2 | 8.233 | 7.874 | 26670497 | 39746635 | 269.325 | 83.119 #  |
| 43) | L9 | AR-1268-3 | 8.907 | 0.000 | 32067538 | 0        | 75.951  | N.D. #    |
| 44) | L9 | AR-1268-4 | 0.000 | 8.250 | 0        | 4736272  | N.D.    | 48.490 #  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082418\  
 Data File : PQ031378.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2018 21:32  
 Operator : SM\SJ  
 Sample : J4544-14  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

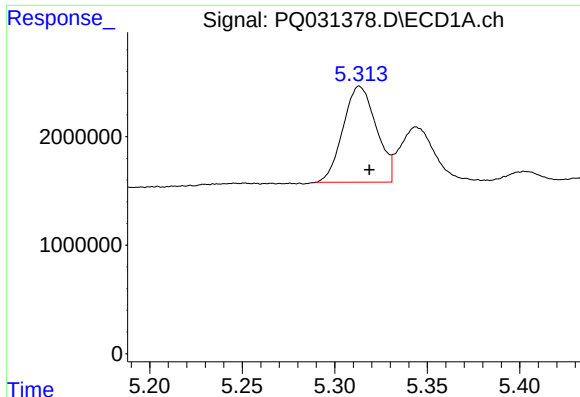
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 01:10:28 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Aug 13 07:57:53 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|        | Compound  | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml | ng/ml   |
|--------|-----------|--------|-------|---------|---------|-------|---------|
| 45) L9 | AR-1268-5 | 10.105 | 8.691 | 3747159 | 2936768 | 4.187 | 2.694 # |

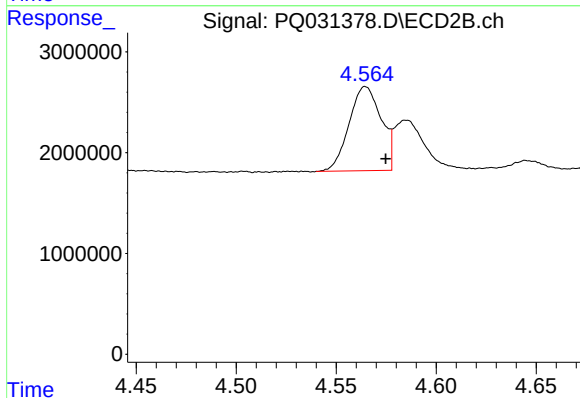
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.





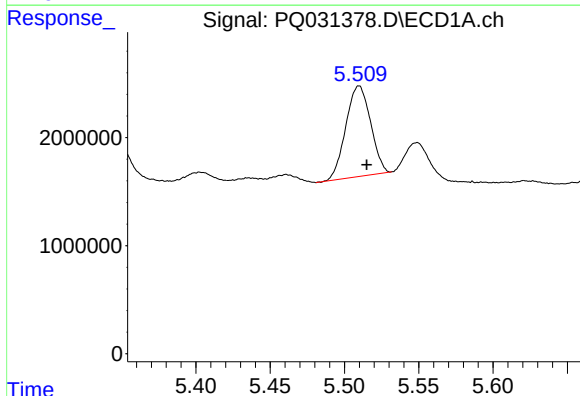
#3 AR-1016-1

R.T.: 5.313 min  
Delta R.T.: -0.005 min  
Response: 11059801  
Conc: 223.52 ng/ml



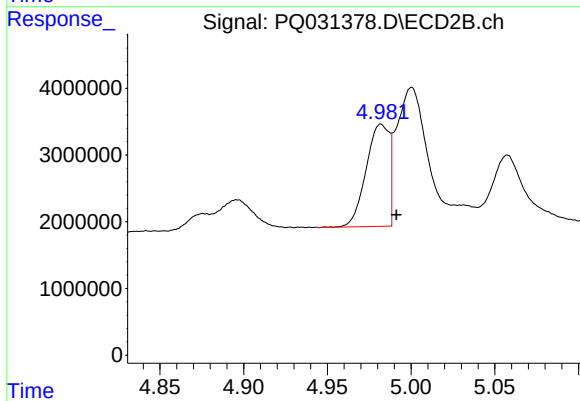
#3 AR-1016-1

R.T.: 4.565 min  
Delta R.T.: -0.010 min  
Response: 9304157  
Conc: 185.74 ng/ml



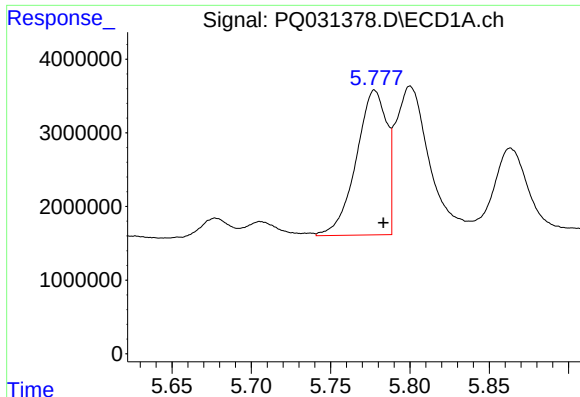
#4 AR-1016-2

R.T.: 5.510 min  
Delta R.T.: -0.005 min  
Response: 9710233  
Conc: 195.00 ng/ml



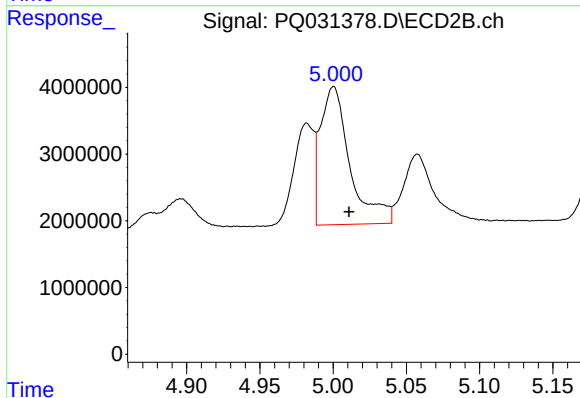
#4 AR-1016-2

R.T.: 4.982 min  
Delta R.T.: -0.009 min  
Response: 14633768  
Conc: 201.23 ng/ml



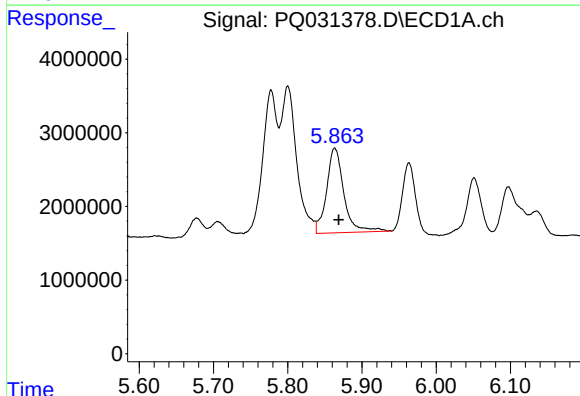
#5 AR-1016-3

R.T.: 5.778 min  
Delta R.T.: -0.005 min  
Response: 26363298  
Conc: 369.66 ng/ml



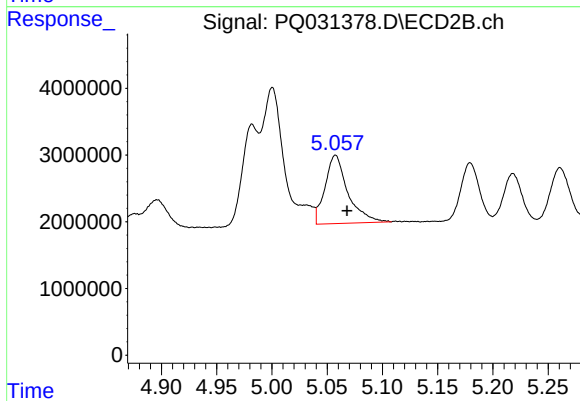
#5 AR-1016-3

R.T.: 5.000 min  
Delta R.T.: -0.011 min  
Response: 29129298  
Conc: 269.65 ng/ml



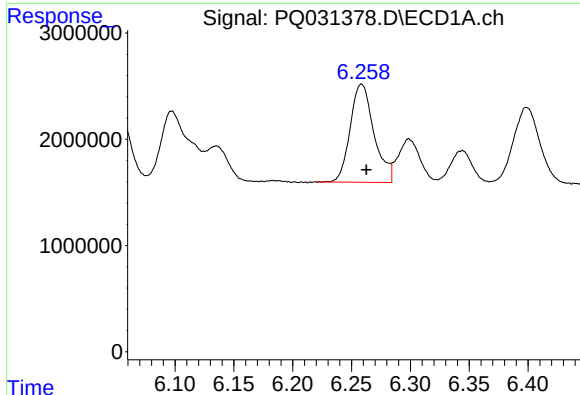
#6 AR-1016-4

R.T.: 5.863 min  
Delta R.T.: -0.005 min  
Response: 18638890  
Conc: 277.02 ng/ml



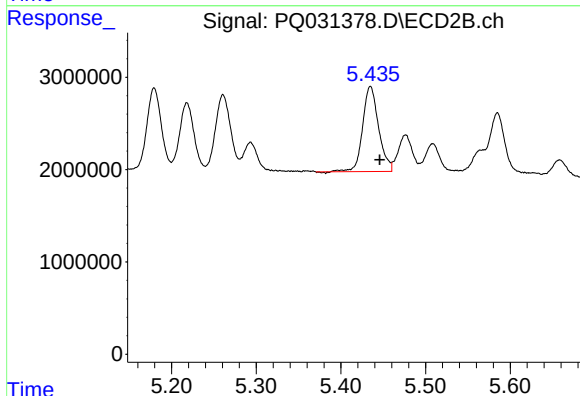
#6 AR-1016-4

R.T.: 5.058 min  
Delta R.T.: -0.011 min  
Response: 14803608  
Conc: 206.38 ng/ml



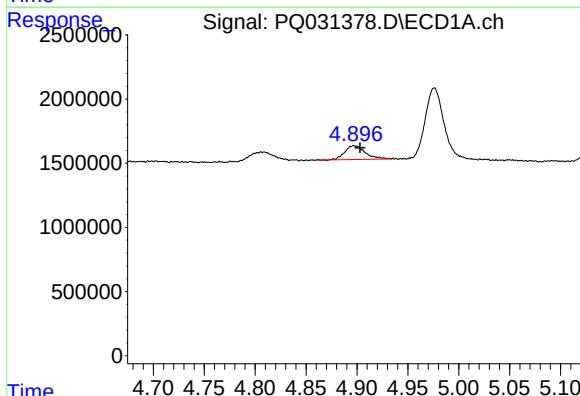
#7 AR-1016-5

R.T.: 6.259 min  
Delta R.T.: -0.004 min  
Response: 13023316  
Conc: 229.10 ng/ml



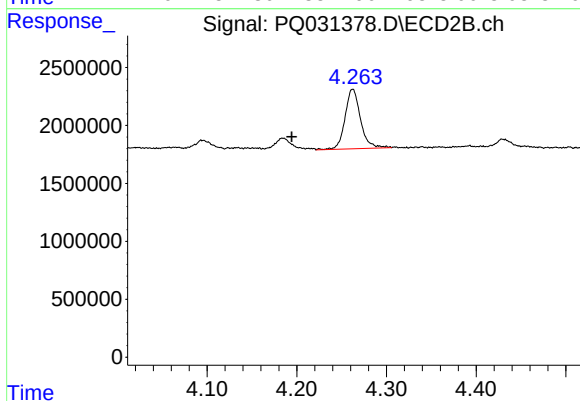
#7 AR-1016-5

R.T.: 5.435 min  
Delta R.T.: -0.011 min  
Response: 12089734  
Conc: 189.39 ng/ml



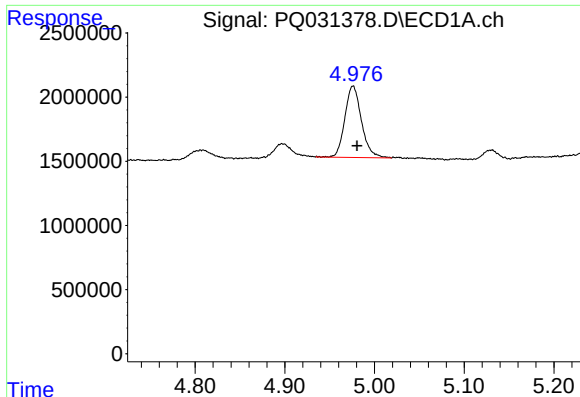
#9 AR-1221-2

R.T.: 4.897 min  
Delta R.T.: -0.006 min  
Response: 1506966  
Conc: 78.00 ng/ml



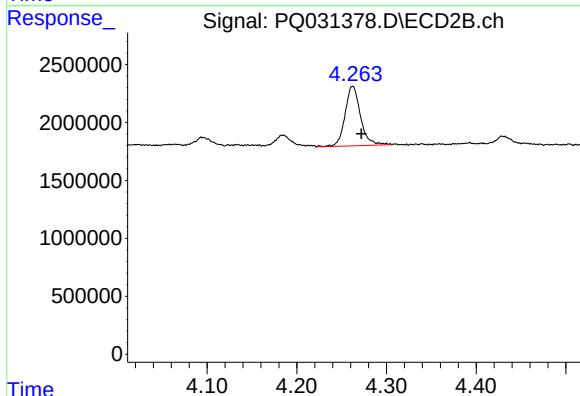
#9 AR-1221-2

R.T.: 4.262 min  
Delta R.T.: 0.068 min  
Response: 6135092  
Conc: 343.14 ng/ml



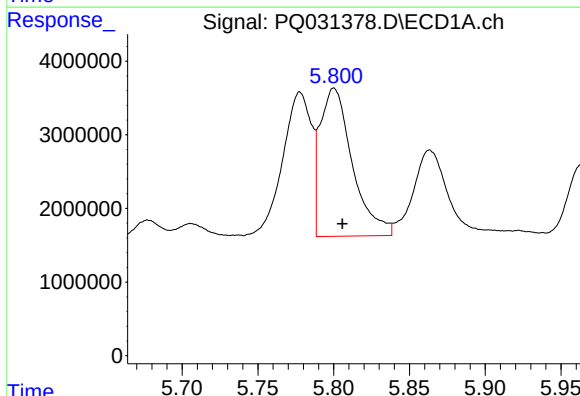
#10 AR-1221-3

R.T.: 4.976 min  
Delta R.T.: -0.004 min  
Response: 7164465  
Conc: 121.25 ng/ml



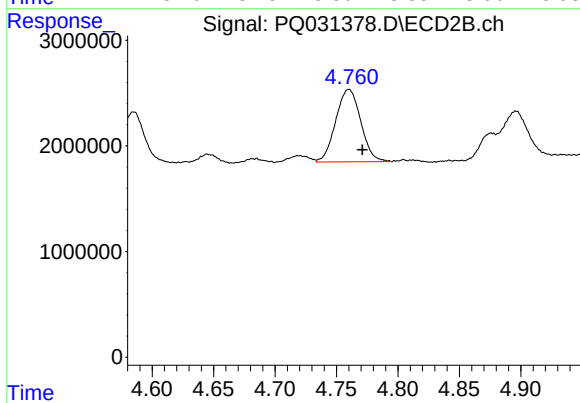
#10 AR-1221-3

R.T.: 4.262 min  
Delta R.T.: -0.010 min  
Response: 6135092  
Conc: 97.76 ng/ml



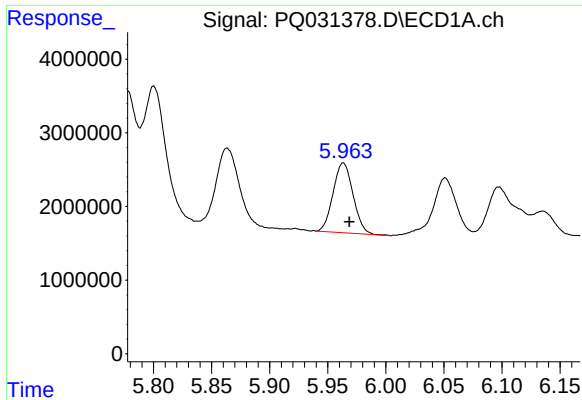
#11 AR-1232-1

R.T.: 5.800 min  
Delta R.T.: -0.006 min  
Response: 29867166  
Conc: 662.90 ng/ml



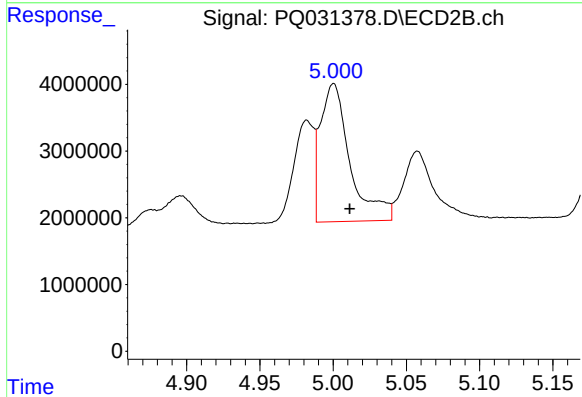
#11 AR-1232-1

R.T.: 4.760 min  
Delta R.T.: -0.011 min  
Response: 9748707  
Conc: 448.34 ng/ml



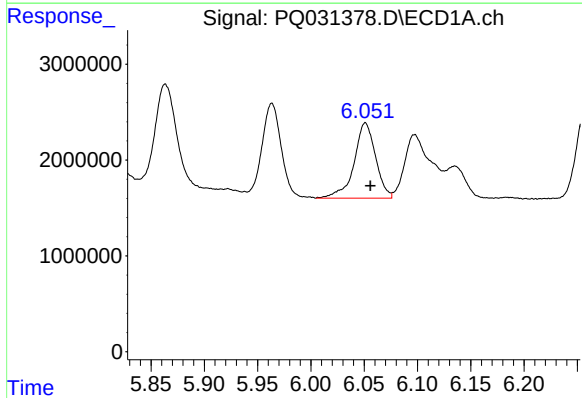
#12 AR-1232-2

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 11385405  
Conc: 497.33 ng/ml



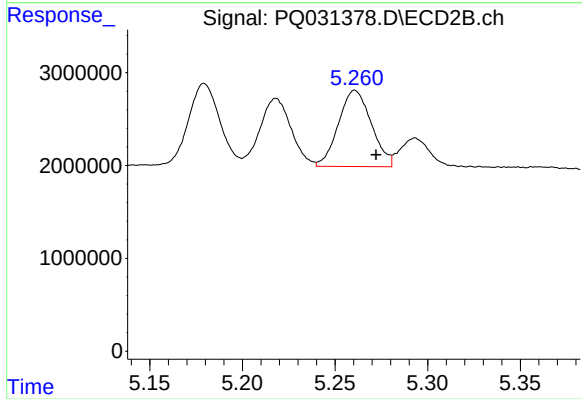
#12 AR-1232-2

R.T.: 5.000 min  
Delta R.T.: -0.011 min  
Response: 29129298  
Conc: 708.71 ng/ml



#13 AR-1232-3

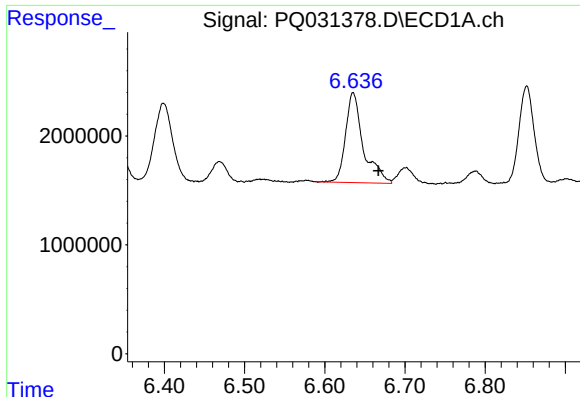
R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 11100107  
Conc: 763.10 ng/ml



#13 AR-1232-3

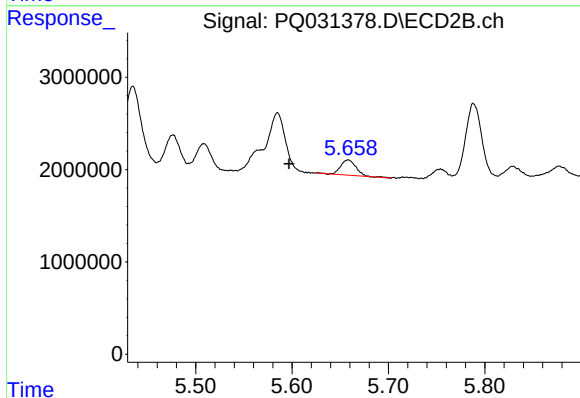
R.T.: 5.261 min  
Delta R.T.: -0.011 min  
Response: 10154948  
Conc: 586.94 ng/ml





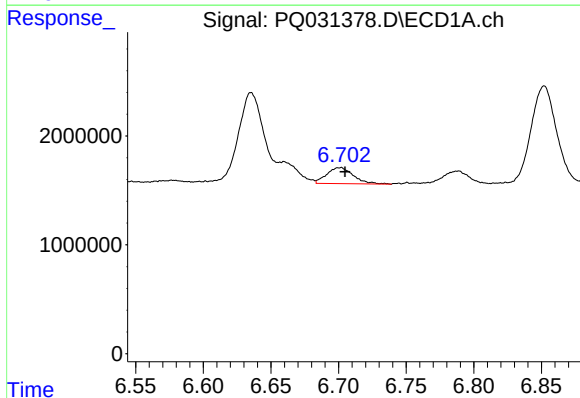
#14 AR-1232-4

R.T.: 6.635 min  
Delta R.T.: -0.032 min  
Response: 12707259  
Conc: 400.10 ng/ml



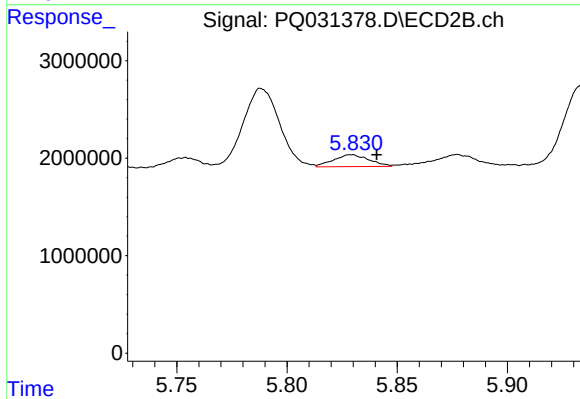
#14 AR-1232-4

R.T.: 5.658 min  
Delta R.T.: 0.062 min  
Response: 1814926  
Conc: 112.64 ng/ml



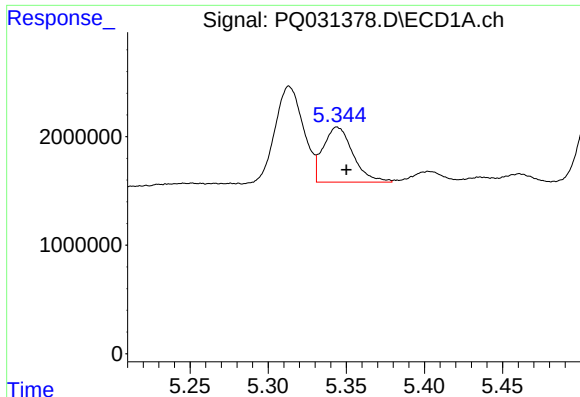
#15 AR-1232-5

R.T.: 6.701 min  
Delta R.T.: -0.004 min  
Response: 2014920  
Conc: 69.08 ng/ml



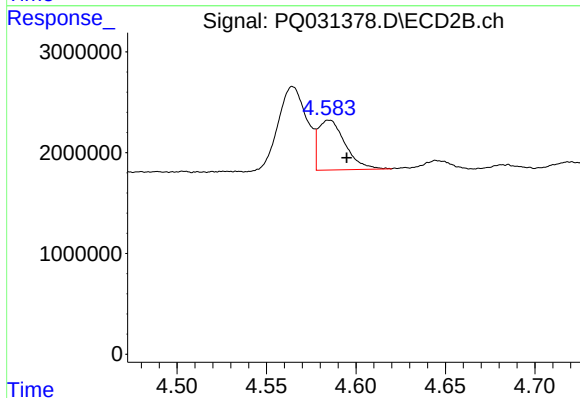
#15 AR-1232-5

R.T.: 5.829 min  
Delta R.T.: -0.012 min  
Response: 1369592  
Conc: 64.33 ng/ml



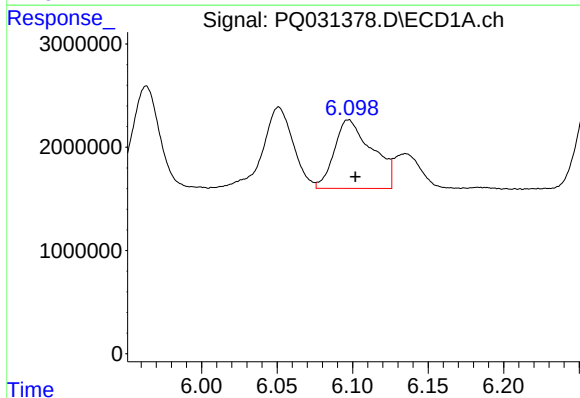
#16 AR-1242-1

R.T.: 5.344 min  
Delta R.T.: -0.006 min  
Response: 6739101  
Conc: 316.68 ng/ml



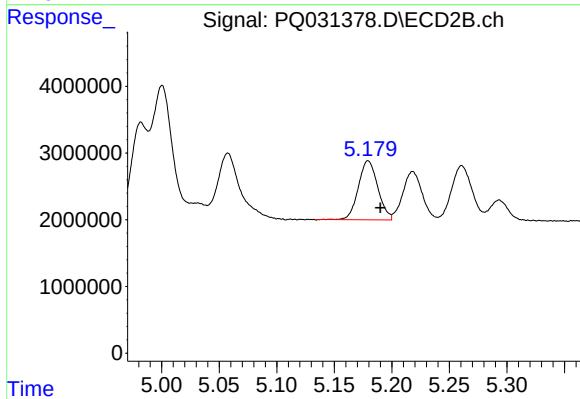
#16 AR-1242-1

R.T.: 4.585 min  
Delta R.T.: -0.010 min  
Response: 5191262  
Conc: 242.53 ng/ml



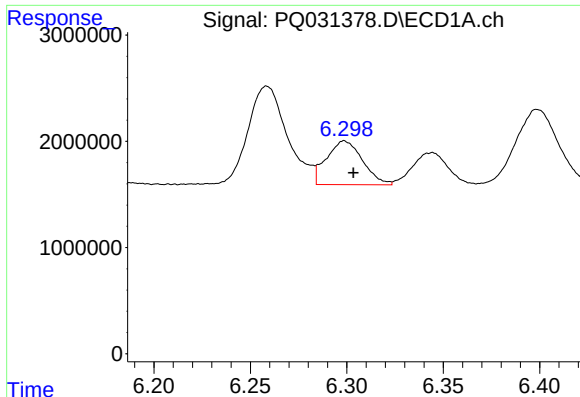
#17 AR-1242-2

R.T.: 6.097 min  
Delta R.T.: -0.005 min  
Response: 11568455  
Conc: 312.50 ng/ml



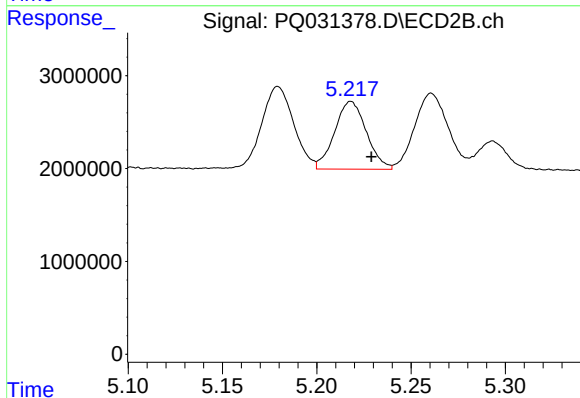
#17 AR-1242-2

R.T.: 5.179 min  
Delta R.T.: -0.011 min  
Response: 10441310  
Conc: 249.81 ng/ml



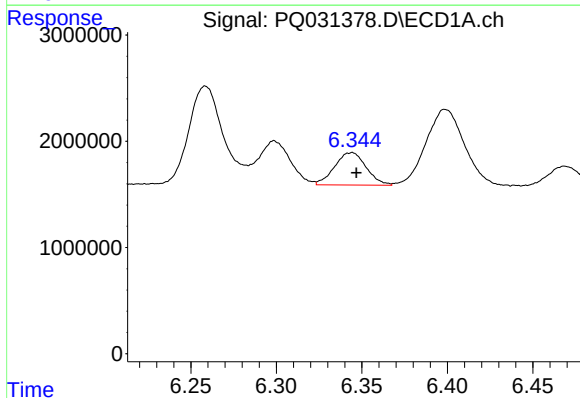
#18 AR-1242-3

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 5366193  
Conc: 286.82 ng/ml



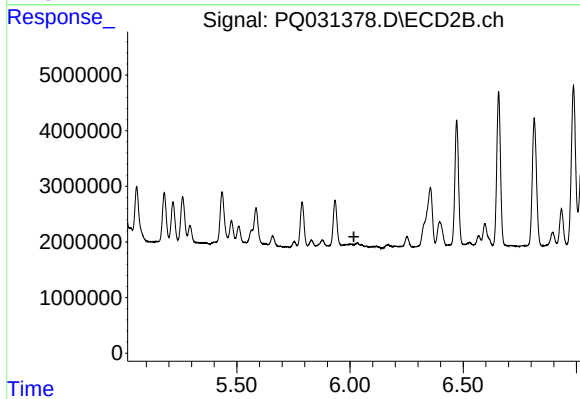
#18 AR-1242-3

R.T.: 5.218 min  
Delta R.T.: -0.011 min  
Response: 8554478  
Conc: 261.04 ng/ml



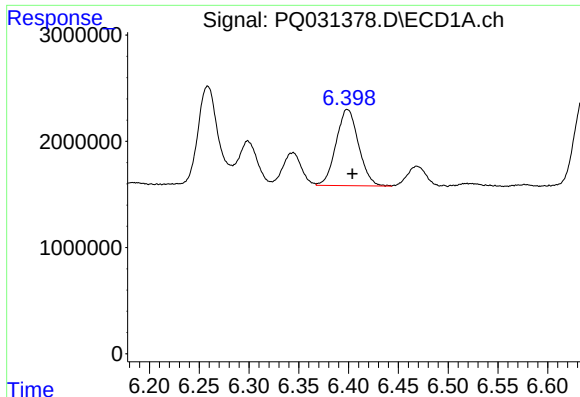
#19 AR-1242-4

R.T.: 6.344 min  
Delta R.T.: -0.003 min  
Response: 3941925  
Conc: 287.80 ng/ml



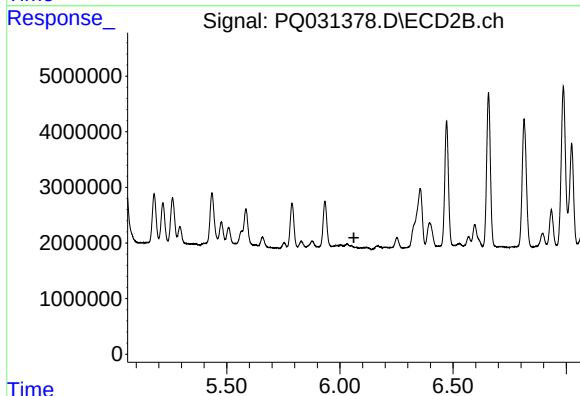
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.017 min  
Response: 0  
Conc: N.D.



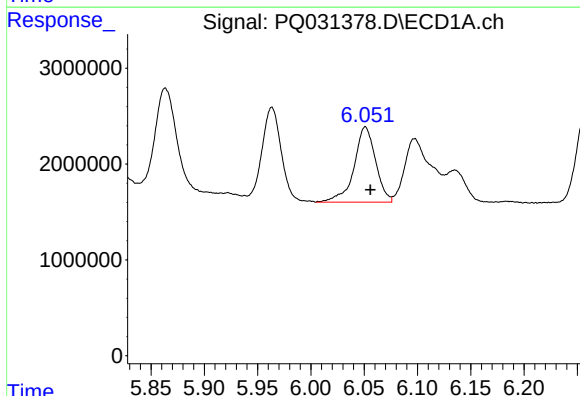
#20 AR-1242-5

R.T.: 6.399 min  
Delta R.T.: -0.005 min  
Response: 11293347  
Conc: 241.64 ng/ml



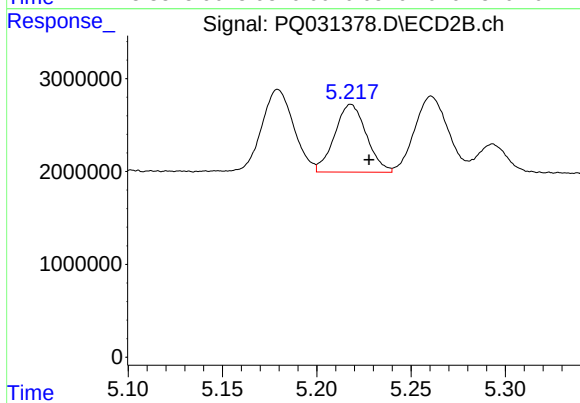
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.062 min  
Response: 0  
Conc: N.D.



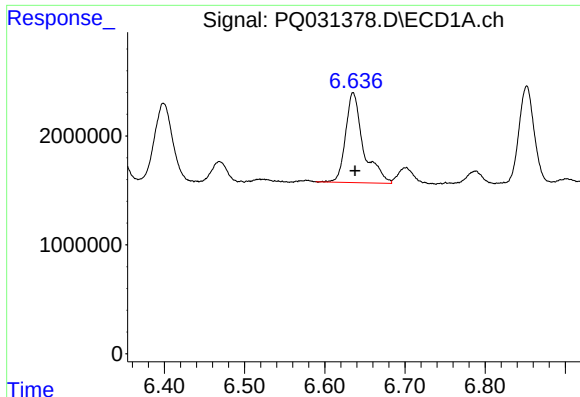
#21 AR-1248-1

R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 11100107  
Conc: 171.50 ng/ml



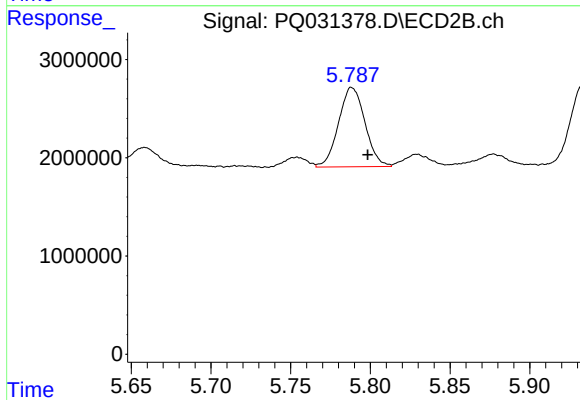
#21 AR-1248-1

R.T.: 5.218 min  
Delta R.T.: -0.010 min  
Response: 8554478  
Conc: 126.33 ng/ml



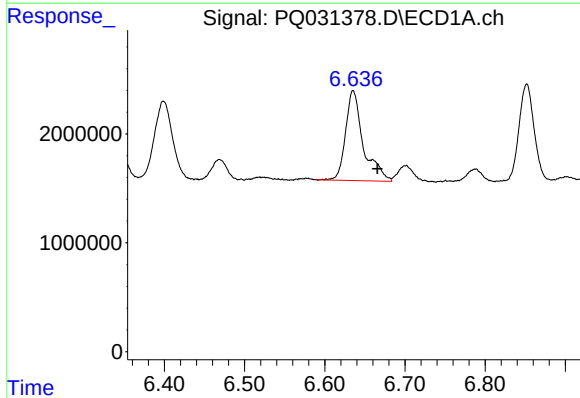
#22 AR-1248-2

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 12707259  
Conc: 182.31 ng/ml



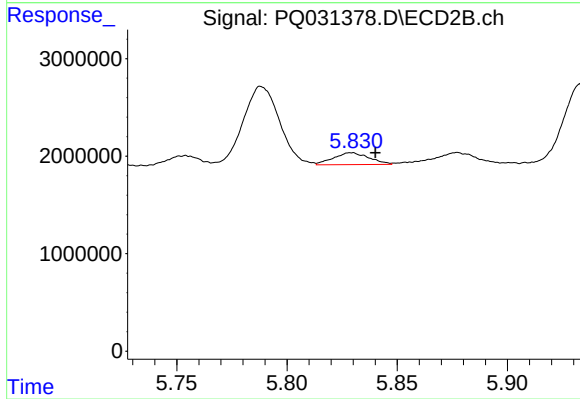
#22 AR-1248-2

R.T.: 5.788 min  
Delta R.T.: -0.010 min  
Response: 9343676  
Conc: 68.49 ng/ml



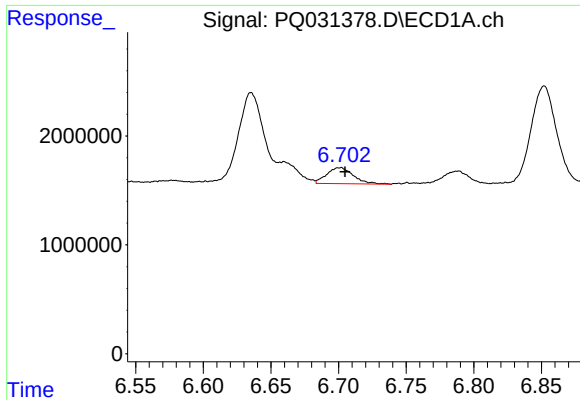
#23 AR-1248-3

R.T.: 6.635 min  
Delta R.T.: -0.030 min  
Response: 12707259  
Conc: 139.88 ng/ml



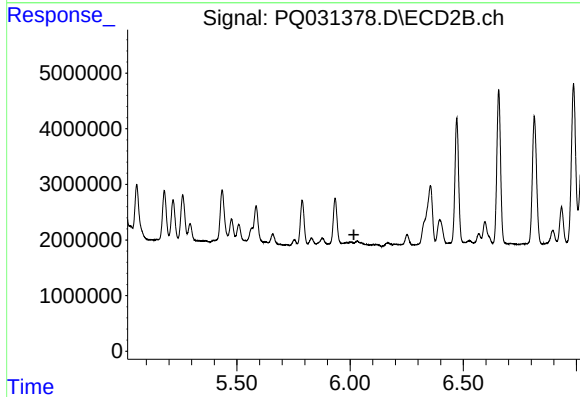
#23 AR-1248-3

R.T.: 5.829 min  
Delta R.T.: -0.011 min  
Response: 1369592  
Conc: 14.79 ng/ml



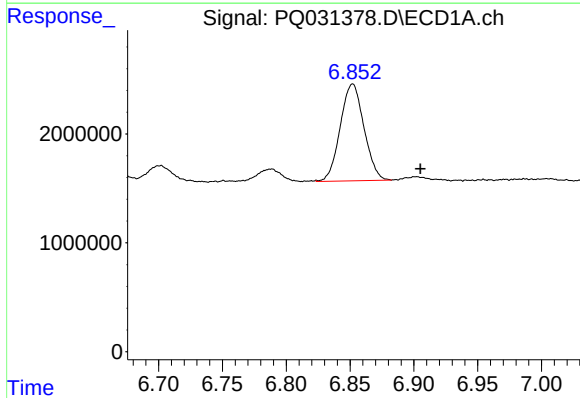
#24 AR-1248-4

R.T.: 6.701 min  
Delta R.T.: -0.004 min  
Response: 2014920  
Conc: 23.13 ng/ml



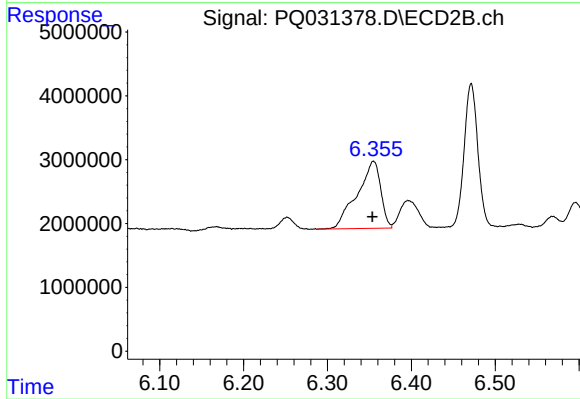
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.017 min  
Response: 0  
Conc: N.D.



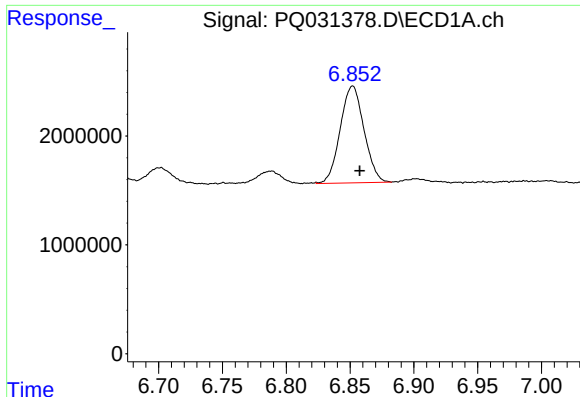
#25 AR-1248-5

R.T.: 6.852 min  
Delta R.T.: -0.053 min  
Response: 11523834  
Conc: 200.09 ng/ml



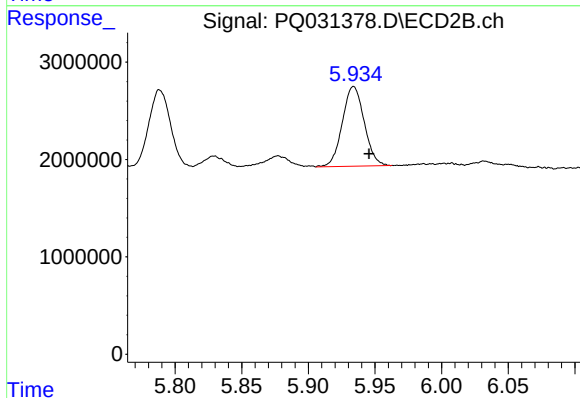
#25 AR-1248-5

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 20524560  
Conc: 284.25 ng/ml



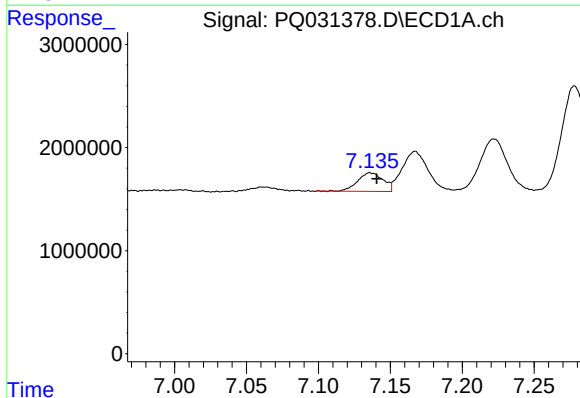
#26 AR-1254-1

R.T.: 6.852 min  
Delta R.T.: -0.006 min  
Response: 11523834  
Conc: 72.07 ng/ml



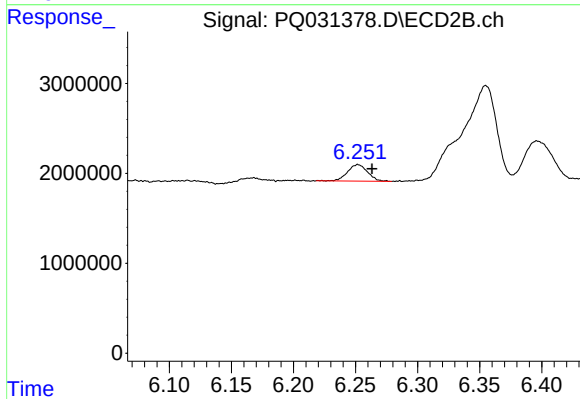
#26 AR-1254-1

R.T.: 5.934 min  
Delta R.T.: -0.012 min  
Response: 9365598  
Conc: 66.10 ng/ml



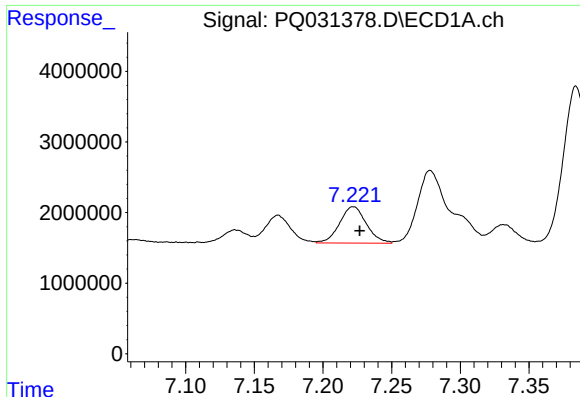
#27 AR-1254-2

R.T.: 7.136 min  
Delta R.T.: -0.004 min  
Response: 2240163  
Conc: 22.77 ng/ml



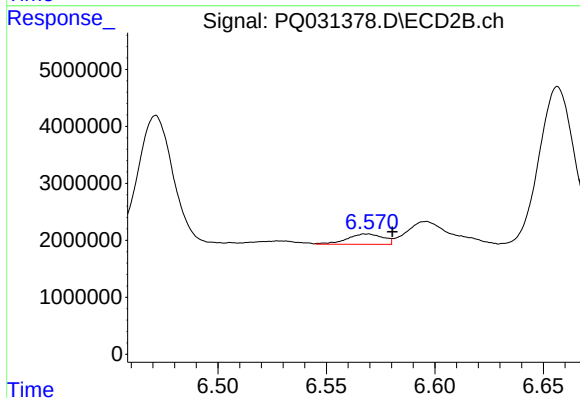
#27 AR-1254-2

R.T.: 6.252 min  
Delta R.T.: -0.011 min  
Response: 2069635  
Conc: 17.31 ng/ml



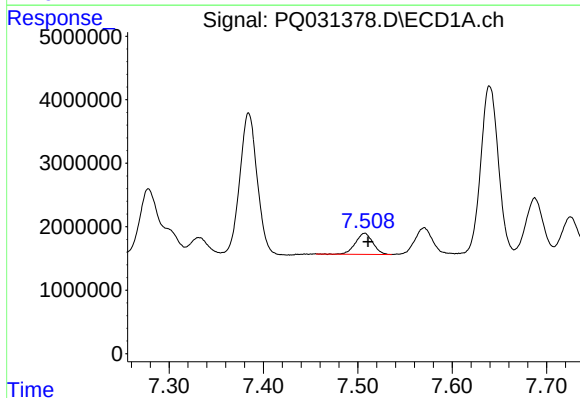
#28 AR-1254-3

R.T.: 7.222 min  
Delta R.T.: -0.005 min  
Response: 6996449  
Conc: 39.13 ng/ml



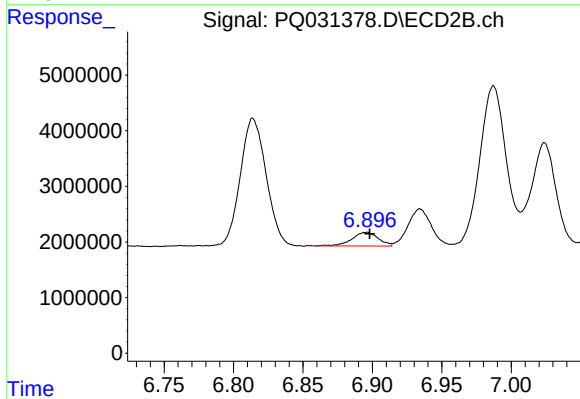
#28 AR-1254-3

R.T.: 6.569 min  
Delta R.T.: -0.012 min  
Response: 2089156  
Conc: 11.75 ng/ml



#29 AR-1254-4

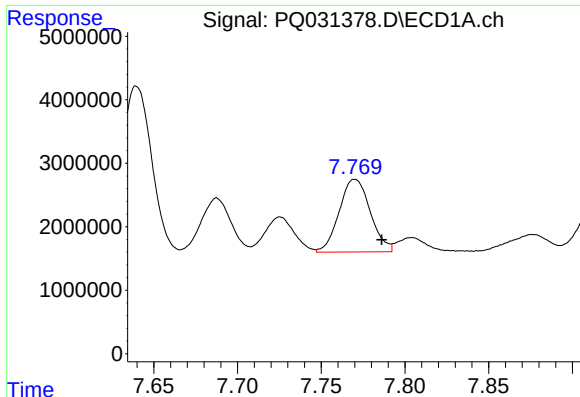
R.T.: 7.507 min  
Delta R.T.: -0.004 min  
Response: 4236973  
Conc: 32.41 ng/ml



#29 AR-1254-4

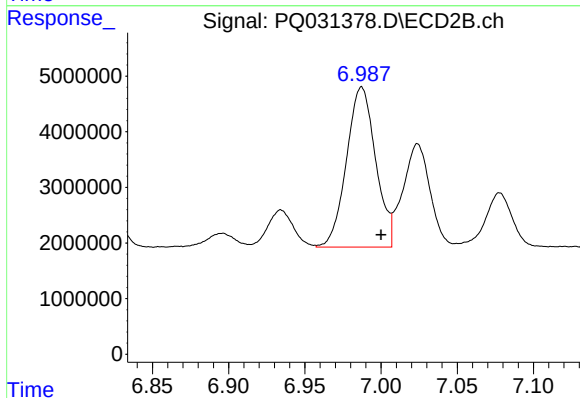
R.T.: 6.896 min  
Delta R.T.: -0.002 min  
Response: 3243366  
Conc: 30.26 ng/ml





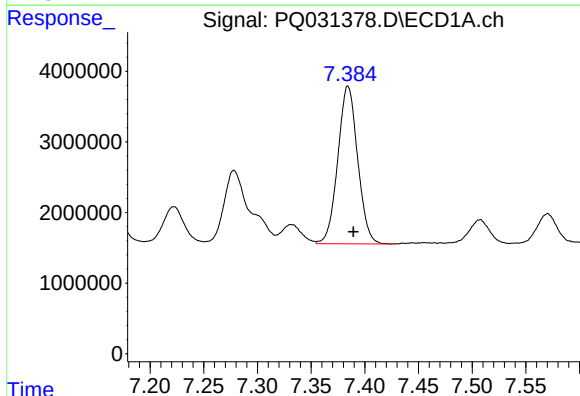
#30 AR-1254-5

R.T.: 7.770 min  
Delta R.T.: -0.016 min  
Response: 14821503  
Conc: 147.80 ng/ml



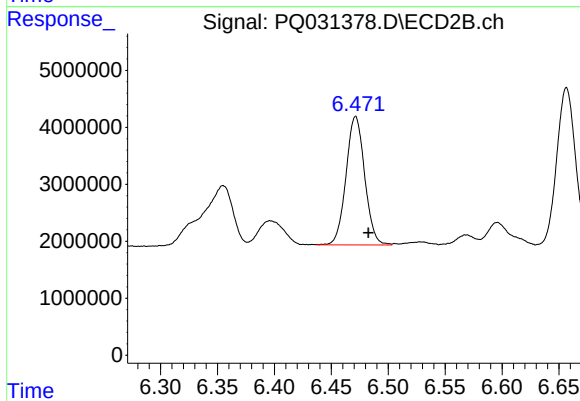
#30 AR-1254-5

R.T.: 6.987 min  
Delta R.T.: -0.013 min  
Response: 38293156  
Conc: 173.57 ng/ml



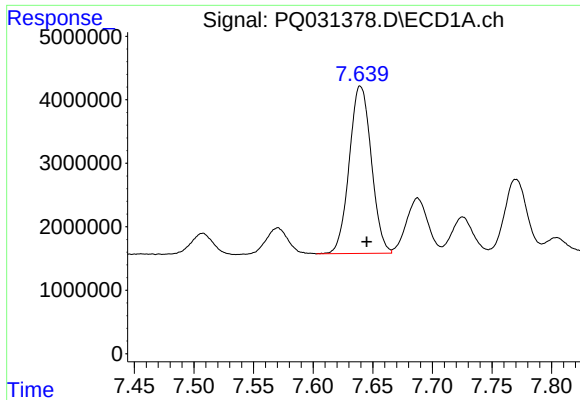
#31 AR-1260-1

R.T.: 7.384 min  
Delta R.T.: -0.005 min  
Response: 28794666  
Conc: 229.88 ng/ml



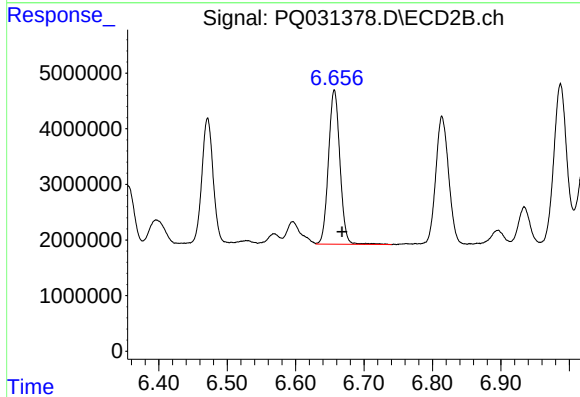
#31 AR-1260-1

R.T.: 6.471 min  
Delta R.T.: -0.011 min  
Response: 25750543  
Conc: 173.14 ng/ml



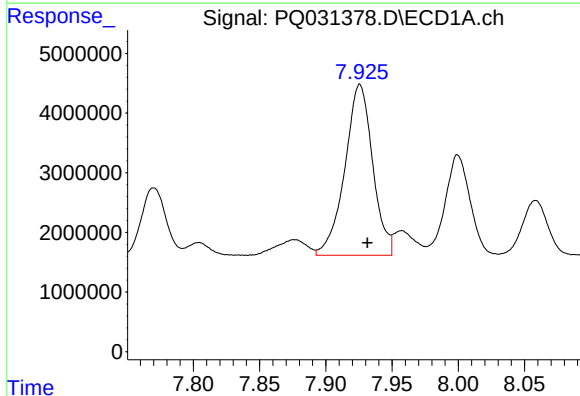
#32 AR-1260-2

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 33912950  
Conc: 224.65 ng/ml



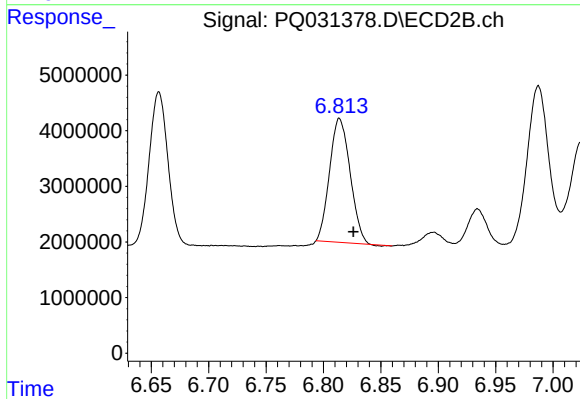
#32 AR-1260-2

R.T.: 6.657 min  
Delta R.T.: -0.011 min  
Response: 32312148  
Conc: 181.31 ng/ml



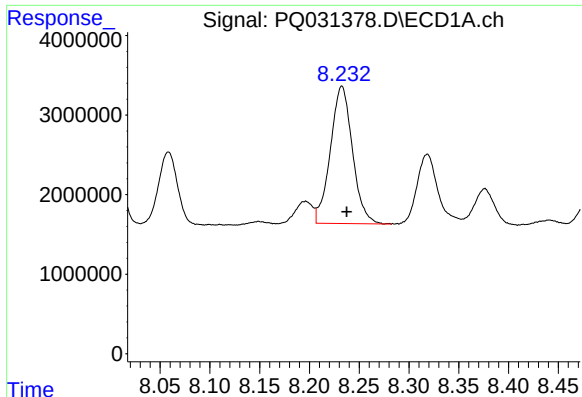
#33 AR-1260-3

R.T.: 7.926 min  
Delta R.T.: -0.006 min  
Response: 41924288  
Conc: 233.36 ng/ml



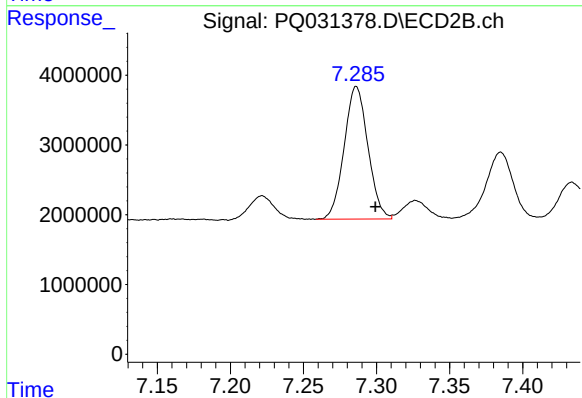
#33 AR-1260-3

R.T.: 6.814 min  
Delta R.T.: -0.012 min  
Response: 27740013  
Conc: 161.37 ng/ml



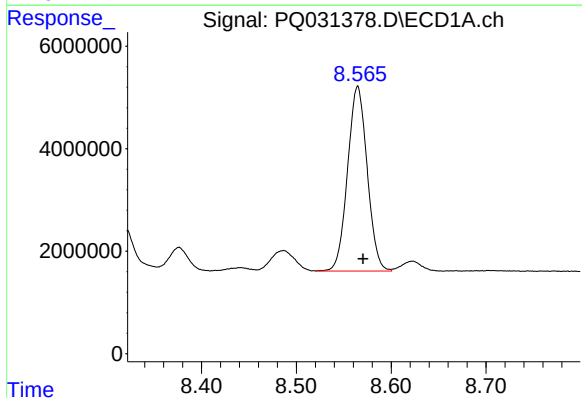
#34 AR-1260-4

R.T.: 8.233 min  
Delta R.T.: -0.005 min  
Response: 26670497  
Conc: 206.67 ng/ml



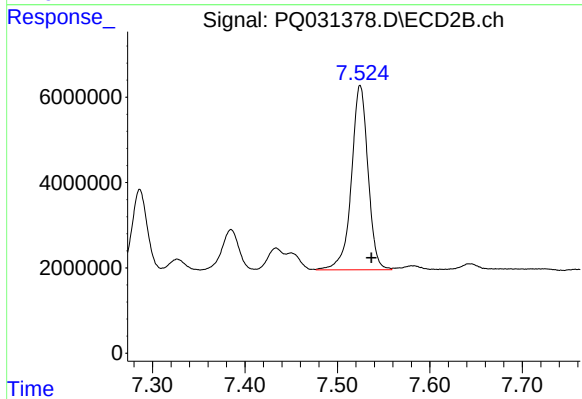
#34 AR-1260-4

R.T.: 7.286 min  
Delta R.T.: -0.013 min  
Response: 21554138  
Conc: 155.86 ng/ml



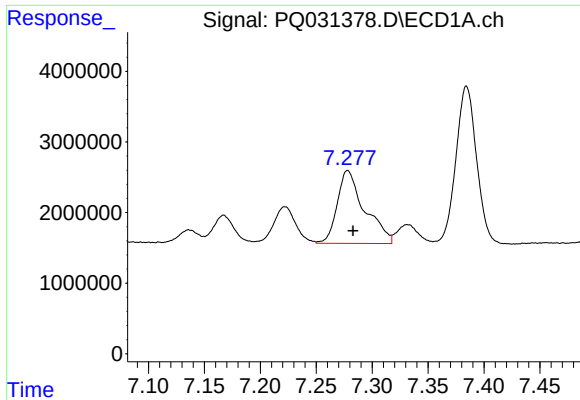
#35 AR-1260-5

R.T.: 8.565 min  
Delta R.T.: -0.006 min  
Response: 51828604  
Conc: 201.22 ng/ml



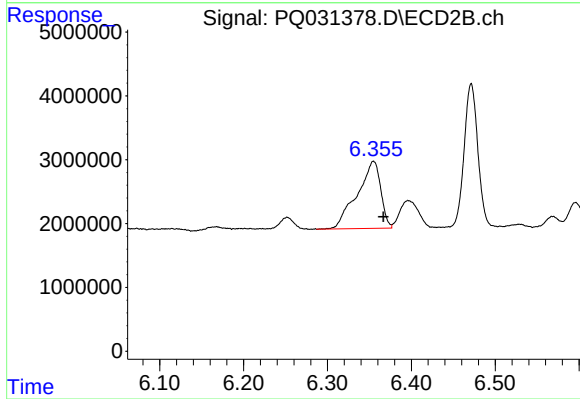
#35 AR-1260-5

R.T.: 7.525 min  
Delta R.T.: -0.012 min  
Response: 53875841  
Conc: 168.44 ng/ml



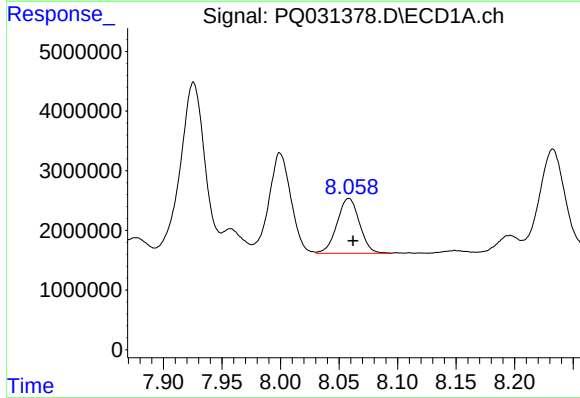
#36 AR-1262-1

R.T.: 7.278 min  
Delta R.T.: -0.005 min  
Response: 17572618  
Conc: 220.82 ng/ml



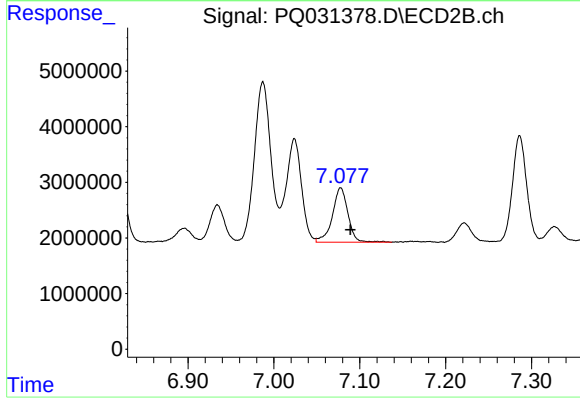
#36 AR-1262-1

R.T.: 6.355 min  
Delta R.T.: -0.012 min  
Response: 20524560  
Conc: 172.12 ng/ml



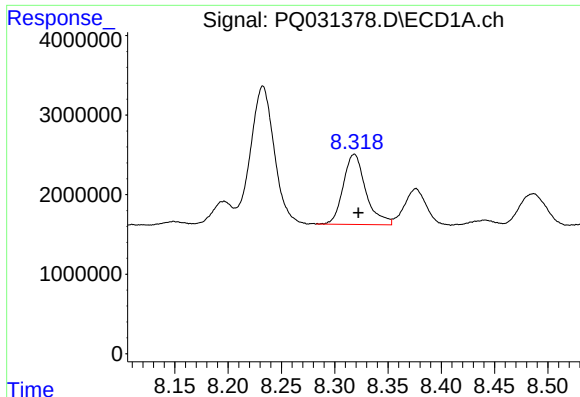
#37 AR-1262-2

R.T.: 8.058 min  
Delta R.T.: -0.004 min  
Response: 12260007  
Conc: 166.57 ng/ml



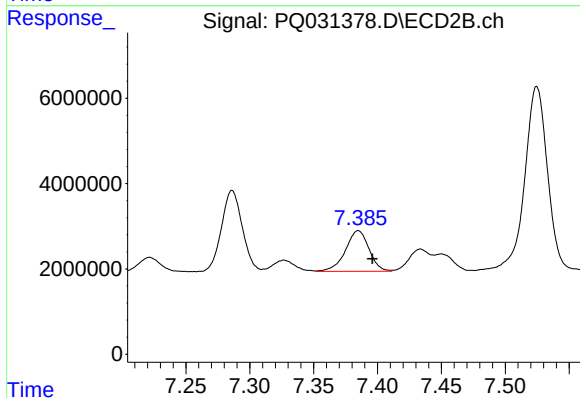
#37 AR-1262-2

R.T.: 7.078 min  
Delta R.T.: -0.011 min  
Response: 12353762  
Conc: 128.88 ng/ml



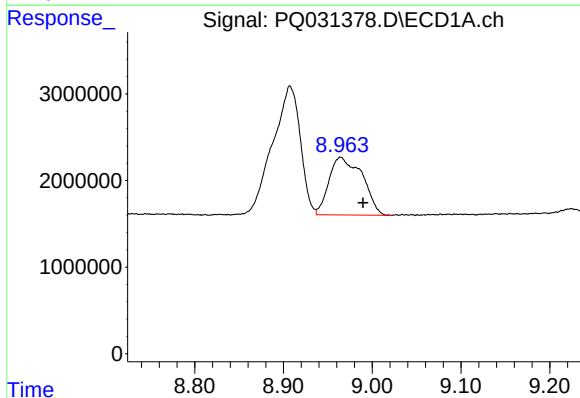
#38 AR-1262-3

R.T.: 8.318 min  
Delta R.T.: -0.004 min  
Response: 13012081  
Conc: 147.46 ng/ml



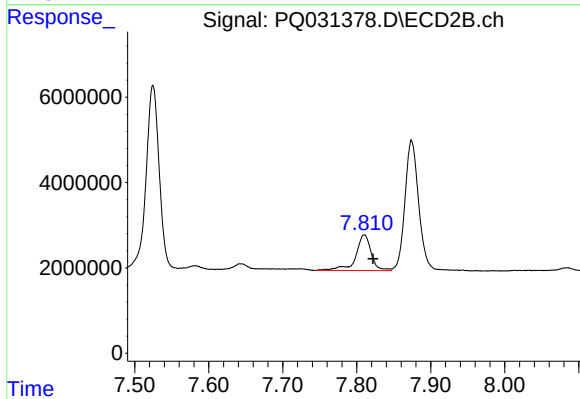
#38 AR-1262-3

R.T.: 7.385 min  
Delta R.T.: -0.011 min  
Response: 12200950  
Conc: 126.74 ng/ml



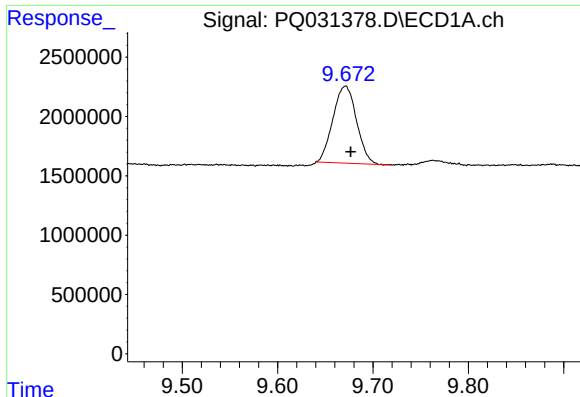
#39 AR-1262-4

R.T.: 8.964 min  
Delta R.T.: -0.025 min  
Response: 17387288  
Conc: 115.10 ng/ml



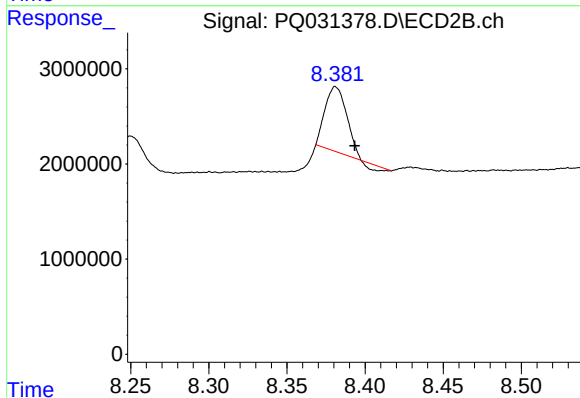
#39 AR-1262-4

R.T.: 7.810 min  
Delta R.T.: -0.011 min  
Response: 12192154  
Conc: 72.02 ng/ml



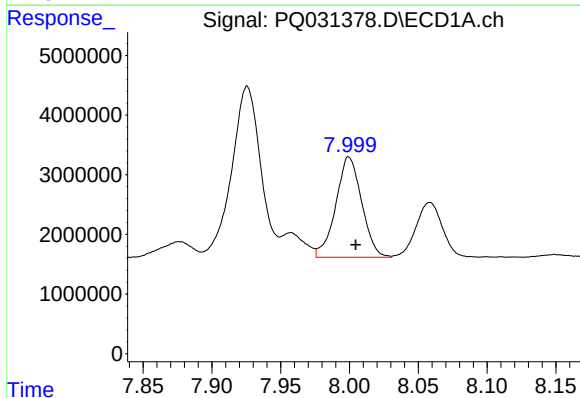
#40 AR-1262-5

R.T.: 9.671 min  
Delta R.T.: -0.005 min  
Response: 11133963  
Conc: 111.66 ng/ml



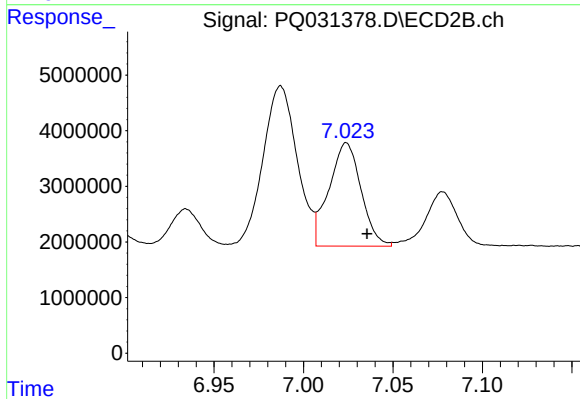
#40 AR-1262-5

R.T.: 8.381 min  
Delta R.T.: -0.012 min  
Response: 6233278  
Conc: 54.50 ng/ml



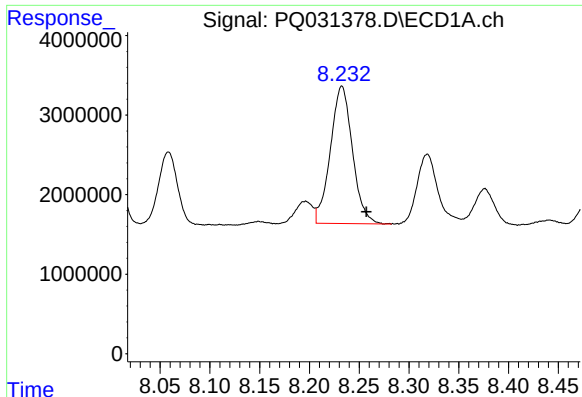
#41 AR-1268-1

R.T.: 8.000 min  
Delta R.T.: -0.005 min  
Response: 22084509  
Conc: 301.32 ng/ml



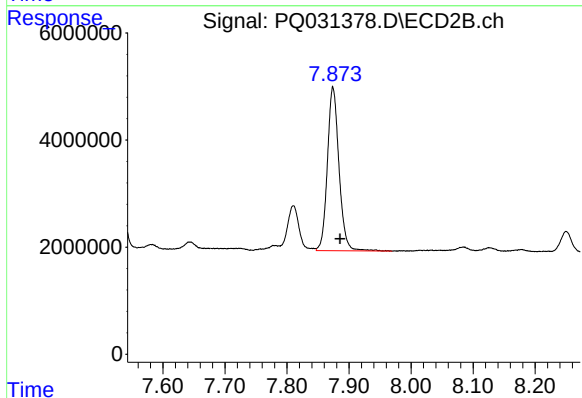
#41 AR-1268-1

R.T.: 7.024 min  
Delta R.T.: -0.012 min  
Response: 23200456  
Conc: 264.31 ng/ml



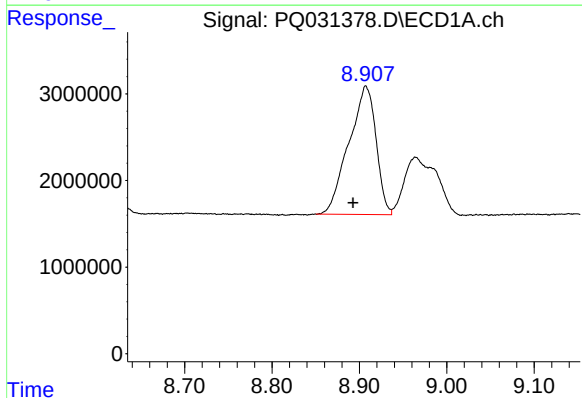
#42 AR-1268-2

R.T.: 8.233 min  
Delta R.T.: -0.025 min  
Response: 26670497  
Conc: 269.33 ng/ml



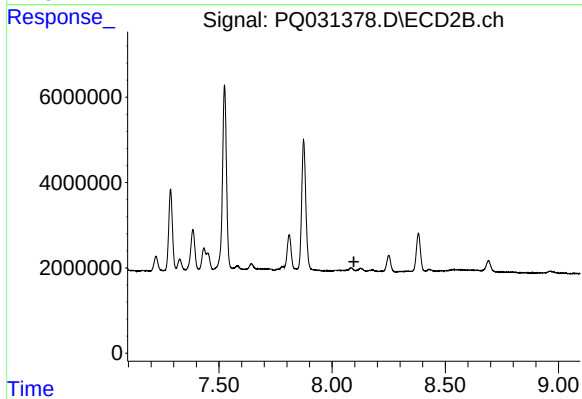
#42 AR-1268-2

R.T.: 7.874 min  
Delta R.T.: -0.012 min  
Response: 39746635  
Conc: 83.12 ng/ml



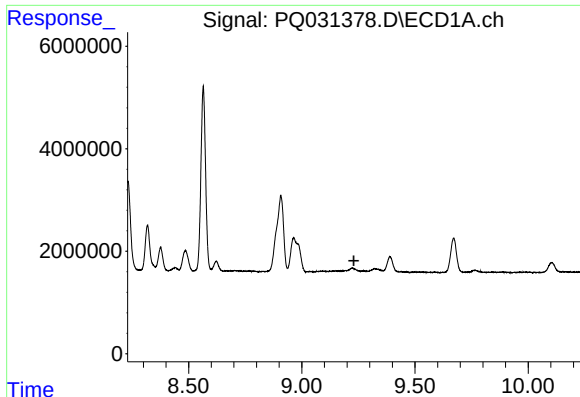
#43 AR-1268-3

R.T.: 8.907 min  
Delta R.T.: 0.015 min  
Response: 32067538  
Conc: 75.95 ng/ml



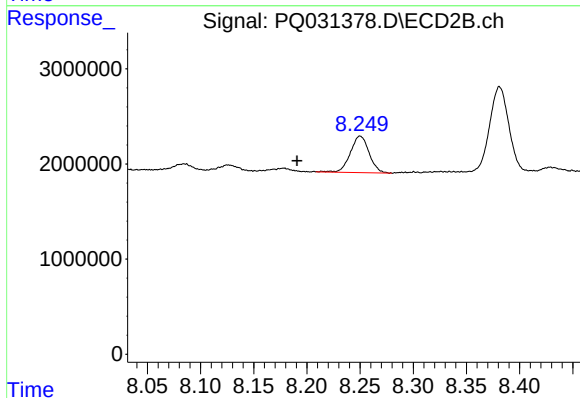
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.096 min  
Response: 0  
Conc: N.D.



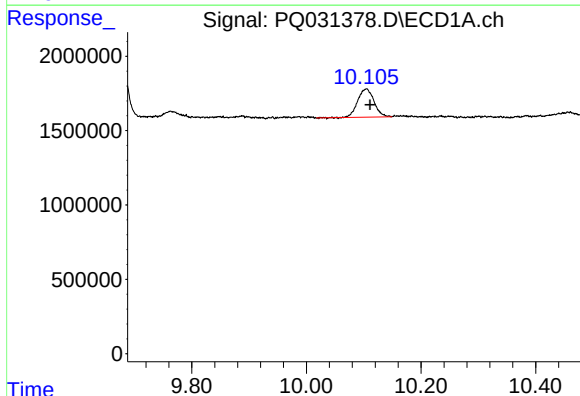
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.230 min  
Response: 0  
Conc: N.D.



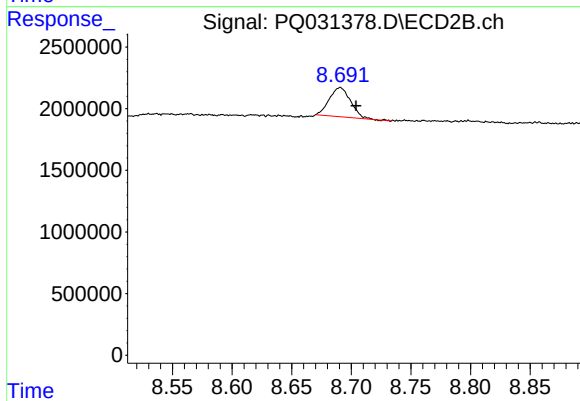
#44 AR-1268-4

R.T.: 8.250 min  
Delta R.T.: 0.059 min  
Response: 4736272  
Conc: 48.49 ng/ml



#45 AR-1268-5

R.T.: 10.105 min  
Delta R.T.: -0.006 min  
Response: 3747159  
Conc: 4.19 ng/ml



#45 AR-1268-5

R.T.: 8.691 min  
Delta R.T.: -0.013 min  
Response: 2936768  
Conc: 2.69 ng/ml